

**HASTINGS CITY COUNCIL
AGENDA**

**Hastings Municipal Airport
3300 West 12th Street
March 24, 2025
6:00 PM**

ROLL CALL:

PLEDGE OF ALLEGIANCE:

MOTION TO ADOPT CURRENT AGENDA for March 24, 2025 Regular Meeting.

PUBLIC NOTICE - Official Notice of the Regular Meeting was published in the Hastings Tribune on Friday, March 21, 2025. Pursuant to Nebraska Revised Statute Section 84-1412, the public is advised that a copy of today's agenda and all reproducible written material which will be discussed at today's meeting is available for public review and a current copy of the Nebraska Open Meetings Act is posted and accessible to members of the public.

COUNCIL COMMUNICATION:

Reports of Liaisons.

CITIZEN COMMUNICATIONS: (Only for agenda items not related to a public hearing.)

MAYOR'S COMMUNICATIONS:

CONSENT AGENDA:

1. All Consent Items.
 - (a) Approval of the minutes of the Council Meeting of March 10, 2025
 - (b) Approval of the minutes of the City Council Retreat of March 1, 2025
 - (c) Approval of claims and payroll
 - (d) Approval of the request of Do the Brew/Prairie Loft to utilize city property for the Downtown Do the Brew event to be held on April 26, 2025.
 - (e) Approval of the request of the Prairie Loft Center for a Special Designated Liquor License for a craft beer festival and tasting event (Downtown Do The Brew) to be located at the City Auditorium, Auditorium Park and on 4th Street right-of-way on April 26, 2025
 - (f) Approval of Work Order WA-132, new 8" water main to serve Fairview Villas at G Street and Franklin Avenue
 - (g) Approval of Work Order WA-133, Elm 26 First Subdivision, 10" water main to serve apartment buildings
 - (h) Approval of Work Order WA-134, Elm Meadows First Subdivision Water Main Extension District 2024-1

- (i) Approval of Work Order SW-384, Elm Meadows First Subdivision Sanitary Sewer Extension District 2024-3
- (j) Approval of the request of the YWCA Adams County to utilize city property for the 4th of July Parade on July 4, 2025
- (k) Approval of Invoice #1883 from South Central Economic Development District in the amount of \$1,150.00 for administrative services provided from November 1, 2024 to February 28, 2025 for Community Development Block Grant Project 23-ED-001, WR Reserve
- (l) Approval of the request for Community Development Block Grant funds, Drawdown #4, in the amount of \$1,150.00 for general administration services for Community Development Block Grant Project 23-ED-001, WR Reserve
- (m) Approval of Invoice #1884 from South Central Economic Development District in the amount of \$2,990.00 for administrative services completed from November 7, 2024 through February 28, 2025 for Community Development Block Grant Project 24-PWF-001, Public Works Facilities (Revive)
- (n) Approval of the request for Community Development Block Grant funds, Drawdown #1, in the amount of \$2,990.00 for general administration work for Community Development Block Grant Project 24-PWF-001, Public Works Facilities (Revive)
- (o) Approval of Invoice #1882 from South Central Economic Development District in the amount of \$1,063.75 for general administration work completed on Community Development Block Grant Project 21-DTR-007, Downtown Revitalization
- (p) Approval of the request for Community Development Block Grant funds, Drawdown #10, in the amount of \$1,063.75 for general administration work completed on Community Development Block Grant Project 21-DTR-007, Downtown Revitalization
- (q) Approval of Invoice #1885 from South Central Economic Development District in the amount of \$3,450.00 for administrative services for Community Development Block Grant Project 24-DTR-004, Downtown Revitalization
- (r) Approval of the request for Community Development Block Grant funds, Drawdown #1, in the amount \$3,450.00 for general administration work for Community Development Block Grant Project 24-DTR-004, Downtown Revitalization

REGULAR AGENDA:

2. Unfinished Business of Preceding Meeting.

3. Public Hearings.

- (a) Public hearing on the request of Daniel Hernandez to change zoning from R-1, Urban Single-Family Residential District to C-3, Commercial Business District for property commonly addressed as 913 W. J Street, Hastings

Ordinance No. 4791 amending the Zoning District Map to change zoning from R-1, Urban Single-Family Residential District to C-3, Commercial Business District for property commonly addressed as 913 W. J Street, Hastings

- (b) Public Hearing on the adoption of the City of Hastings' Comprehensive Plan Update, titled City of Hastings, Nebraska Comprehensive Plan 2025

Resolution No. 2025-10 adopting the City of Hastings' Comprehensive Plan Update, titled City of Hastings, Nebraska Comprehensive Plan 2025

4. General Business.
 - (a) Approval of the agreement with Van Kirk Bros. Contracting for the Elm Meadows Sub-Division Water, Sewer and Paving Districts
5. Ordinances and Resolutions.
 - (a) Resolution No. 2025-11 authorizing the City of Hastings to proceed with an amendment to its Gas Supply Agreement with Central Plains Energy Project (CPEP) in connection with the reset of the available discount in CPEP gas prepayment Project No. 2
 - (b) Resolution No. 2025-12 approving the plans, specifications and authorization to advertise for bids for Lochland Meadows 17th Sub-Division Water and Paving Project
 - (c) Resolution No. 2025-13 requesting assistance from South Central Economic Development District, Inc. in the completion of a Community Development Block Grant Application for a Bruckman Rubber expansion project
6. Final Passage of Ordinances.
7. Appointments.
8. Miscellaneous and Other Business.
9. Possible Closed Session (if necessary or requested).

ADJOURN:

The Mayor and City Council reserve the right to enter into an executive session at any time during the meeting, in accordance with the Nebraska Open Meetings Act, even though the closed session may not be indicated on the agenda.

It is the intention of the Mayor and City Council to take up the items on the agenda in sequential order. However, the Mayor and City Council reserve the right to take up matters in a different order to accommodate the schedules of the city council members, person having items on the agenda, and the public.

CITY OF HASTINGS, NEBRASKA
MINUTES OF CITY COUNCIL REGULAR MEETING
Monday, March 10, 2025

Pursuant to due call and notice thereof, a Regular Meeting of the City Council of the City of Hastings, Nebraska was conducted at the Hastings Municipal Airport, 3300 West 12th Street, on March 10, 2025.

PUBLIC NOTICE - Official Notice of the Regular Meeting was published in the Hastings Tribune on Friday, March 7, 2025. Pursuant to Nebraska Revised Statute Section 84-1412, the public is advised that a copy of today's agenda and all reproducible written material which will be discussed at today's meeting is available for public review and a current copy of the Nebraska Open Meetings Act is posted and accessible to members of the public.

The meeting was called to order at 6:00 p.m. in Regular Session by Mayor Beckby with the following members present: Larry Consbruck, Michael Anderson, Brad Consbruck, Steve Huntley, Marc Rowan, Maggie Esch, Matt Fong. Absent: Brian Hoffman. The following City Officials were present: City Administrator, Mark Funkey; City Attorney, Jesse Oswald; City Clerk, Tyler Ficken; Police Chief, Adam Story; Fire Chief, Troy Vorderstrasse; Parks & Recreation Director, Jeff Hassenstab; Utility Manager, Derek Zeisler; Information Technology Director, Erik Nielsen; Director of Engineering, Lee Vrooman; Director of Human Resources, Lori Hartman; Director of Development Services, Chad Bunker; Director of Finance/City Treasurer, Roger Nash; Environmental Director, Marty Stange; Museum Director, Teresa Kreutzer-Hodson; Safety Director, Trent Clark; Information Technology, Kirk Layton.

The Pledge of Allegiance to the Flag of the United States of America was recited.

Moved by Larry Consbruck seconded by Steve Huntley to adopt current agenda for March 10, 2025, Regular Meeting. Roll Call: Ayes: Steve Huntley, Michael Anderson, Brad Consbruck, Larry Consbruck, Maggie Esch, Marc Rowan, Matt Fong. Nays: None. Absent: Brian Hoffman. The motion carried.

COUNCIL COMMUNICATION:

Reports of Liaisons. Marc Rowan reported on the Airport Advisory Board Meeting and appreciated their efforts for promote activities at the Airport such as the hamburger feed.

CITIZEN COMMUNICATIONS:

None.

MAYOR'S COMMUNICATIONS:

Service Anniversaries. Mayor Beckby recognized service anniversaries for Richard L Utter Jr., Street, 20; Trevin Sebek, IT, 5; Aaron J Beye, Operations, 10; Amanda Scott, Police, 5; Derek Pfeifer, Operations, 5.

Mayor's State of the City Address. Mayor Beckby delivered the annual State of the City address.

CONSENT AGENDA:

1. All Consent Items.

Moved by Matt Fong seconded by Michael Anderson to approve all consent items, as presented. Roll Call: Ayes: Steve Huntley, Michael Anderson, Brad Consbruck, Larry Consbruck, Maggie Esch, Marc Rowan, Matt Fong. Nays: None. Absent: Brian Hoffman. The motion carried.

- (a) Approval of the minutes of the Council Meeting of February 24, 2025
- (b) Approval of the minutes of the Worksession of February 17, 2025
- (c) Approval of claims and payroll
- (d) Approval of the request of The Nebraska Chapter of the Antique Airplane

Association to utilize city property for the Last Saturday Monthly Burger Cookout to be held at the Airport from March 29, 2025 to October 25, 2025 on the last Saturday of each month.

REGULAR AGENDA:

2. Unfinished Business of Preceding Meeting.

None.

3. Public Hearings.

None.

4. General Business.

(a) Presentation of the Financial Audit for the City of Hastings ending September 30, 2024 - AMGL, P.C. Marcy Luth of AMGL, P.C. presented the audit report to the City Council; the audit opinion is unmodified, indicating no significant issues. Councilmember Marc Rowan commented on the sales tax and property tax ratio; lower sales tax revenue necessitates a higher property tax. Councilmember Larry Consbruck inquired regarding category 10 electric operating loss. Marcy Luth provided that operating expenses outpaced revenue which historically has varied from year to year. Mayor Beckby inquired about sales

tax receipts as compared to peer communities. March Luth Provided that peer communities collect \$526 per person while the City of Hastings collects \$385 per person. Councilmember Huntley added that the sales numbers are contributing to the property tax rate, and inquired regarding the depth of the audit. Marcy Luth provided that the auditors were on site for two days with eight auditors working in the City financial systems.

(b) Approval of an application from the Community Redevelopment Authority for Community Development Block Grant Downtown Revitalization Forgivable Loan Funding in the amount of \$435,000 for the building at 405 W. 2nd Street. Moved by Matt Fong seconded by Steve Huntley to approve the application from the Community Development Authority for CDBG Downtown Revitalization Forgivable Loan funding for a facade project at 405 W. 2nd in the amount of \$435,000. Randy Chick discussed the Community Development Block Grant (CDBG) program and its impact on downtown revitalization, and the receipt of \$435,000 in CDBG funds for facade improvements on the building at 405 West Center Street. The funding was originally intended for the building next to Bert's Pharmacy, but the building was demolished. Using the funds at the former Pacha Soap and Big G location for new windows and facade improvements will make it more marketable for a future project. Roll Call: Ayes: Steve Huntley, Michael Anderson, Brad Consbruck, Larry Consbruck, Maggie Esch, Marc Rowan, Matt Fong. Nays: None. Absent: Brian Hoffman. The motion carried.

5. Ordinances and Resolutions.

(a) Ordinance No. 4788 creating Street Improvement District 2025-1 Lochland Meadows Subdivision Number 17. Moved by Matt Fong seconded by Steve Huntley to approve Ordinances No. 4788, No. 4789, and No. 4790 approving extensions for Lochland Meadows Subdivision Number 17. City Engineer Lee Vrooman reported that Johnson Imperial Homes has requested the construction of the street, water, and gas improvements for Lochland Meadows Subdivision Number 17. This ordinance will create Street Improvement District 2025-1. The project consists of 6" thick, 31-foot-wide concrete paving with curb and gutter and storm sewer for Quail Ridge Avenue from the end of existing paving to 567 feet north, White Wolf Street from 175 feet west of the intersection of White Wolf Street and Quail Ridge Avenue to 140 feet east of the intersection of White Wolf Street and Mallard Way Avenue, Mallard Way Avenue from the end of existing paving to 938 feet north. The water will connect to existing 8" water mains on both Mallard Way and Quail Ridge and loop around the development, and the gas will connect to an existing 2" gas main and loop around the development. Roll Call: Ayes: Steve Huntley, Michael Anderson, Brad Consbruck, Larry Consbruck, Maggie Esch, Marc Rowan, Matt Fong. Nays: None. Absent: Brian Hoffman. The motion carried. Moved by Matt Fong seconded by Larry

Consbruck to approve Ordinances No. 4788, No. 4789, and No. 4790 on second and final reading. Roll Call: Ayes: Steve Huntley, Michael Anderson, Brad Consbruck, Larry Consbruck, Maggie Esch, Marc Rowan, Matt Fong. Nays: None. Absent: Brian Hoffman. The motion carried.

(b) Ordinance No. 4789 creating Water Extension District 2025-1 Lochland Meadows Subdivision Number 17

(c) Ordinance No. 4790 creating Gas Extension District 2025-1 Lochland Meadows Subdivision Number 17

6. Final Passage of Ordinances.

None.

7. Appointments.

(a) Appointments to City Planning Commission. Moved by Larry Consbruck seconded by Steve Huntley to approve the appointments of Shawn Rossi and Joe Kindig to the Planning Commission. Roll Call: Ayes: Steve Huntley, Michael Anderson, Brad Consbruck, Larry Consbruck, Maggie Esch, Marc Rowan, Matt Fong. Nays: None. Absent: Brian Hoffman. The motion carried.

(b) Appointments to Boards and Commissions. Moved by Matt Fong seconded by Maggie Esch to approve the appointment of Tony Harmon to the Business Improvement District. Roll Call: Ayes: Steve Huntley, Michael Anderson, Brad Consbruck, Larry Consbruck, Maggie Esch, Marc Rowan, Matt Fong. Nays: None. Absent: Brian Hoffman. The motion carried. Moved by Matt Fong seconded by Maggie Esch to approve William Locke, Jane Marie, and Joe Kindig to the Tree Board. Roll Call: Ayes: Steve Huntley, Michael Anderson, Brad Consbruck, Larry Consbruck, Maggie Esch, Marc Rowan, Matt Fong. Nays: None. Absent: Brian Hoffman. The motion carried.

8. Miscellaneous and Other Business.

(a) Senior center update. Jinx Hackler representing the senior citizens, expressed gratitude for the current senior center facilities. She highlighted the need for a larger kitchen and dining area to accommodate the growing senior population; she expressed the need for seniors to have a beautiful facility of their own. Mayor Beckby acknowledged the concerns and confirmed active conversations to address the issue sooner rather than later.

9. Possible Closed Session (if necessary or requested).

None.

Moved by Steve Huntley seconded by Brad Consbruck there being no further business before the Council to adjourn at 7:06 p.m. Roll Call: Ayes: Steve Huntley, Michael Anderson, Brad Consbruck, Larry Consbruck, Maggie Esch, Matt Fong. Nays: Marc Rowan. Absent: Brain Hoffman. The motion carried.

APPROVED:

George J.J. Beckby, Mayor

ATTEST:

Tyler Ficken, City Clerk

(S E A L)

CITY OF HASTINGS, NEBRASKA
MINUTES OF CITY COUNCIL RETREAT
Saturday, March 1, 2025

Pursuant to due call and notice thereof, a Retreat of the City Council of the City of Hastings, Nebraska was conducted at the Hastings Public Library, Second Floor Conference Room, 314 N. Denver Ave, on March 1, 2025.

The Council Retreat was called to order at 8:30 a.m. by Mayor Beckby

The following members were present: Larry Consbruck, Michael Anderson, Brad Consbruck, Steve Huntley, Maggie Esch, Marc Rowan, Brian Hoffman, Matt Fong.
Nays: None. Absent: None.

The following City Officials were present: City Administrator, Mark Funkey; City Attorney, Jesse Oswald; Utility Manager, Derek Zeisler; City Clerk, Tyler Ficken; Police Chief, Adam Story; Director of Development Services, Chad Bunger; Director of Finance/City Treasurer, Roger Nash; Public; Information Manager, Tony Herrman.

The Pledge of Allegiance to the Flag of the United States of America was recited.

Moved by Steve Huntley seconded by Michael Anderson to adopt current agenda for March 1, 2025 Mayor and Council Retreat. Roll Call: Ayes: Larry Consbruck, Michael Anderson, Brad Consbruck, Steve Huntley, Maggie Esch, Marc Rowan, Brian Hoffman, Matt Fong. Nays: None. Absent: None. Motion carried.

PUBLIC NOTICE - Official Notice of the Mayor and City Council Retreat was published in the Hastings Tribune on Tuesday, February 25, 2025. Pursuant to Nebraska Revised Statute Section 84-1412, the public is advised that a copy of today's agenda and all reproducible written material which will be discussed at today's meeting is available for public review and a current copy of the Nebraska Open Meetings Act is posted and accessible to members of the public.

CITIZEN COMMUNICATIONS:

None.

DISCUSSION ITEMS:

1. Needs of the City.

City Administrator Funkey provided an overview of the internal efforts to meet the needs of the strategic plan; housing, economic development, and performance innovation. Discussion was had regarding the challenges of competing with other communities for development projects and the importance of marketing Hastings' Utilities and amenities to attract development. The process of economic development with the Nebraska Department of Economic Development was discussed, including the value of attracting smaller economic development that can accumulate to large growth. Development trends are moving from providing spec buildings to attract investment towards community amenities and housing that attract employers. The Schnase 1906 District was provided as an example of an opportunity for growth and development using local talent.

LB840 and a Food and Beverage Tax were discussed as opportunities with the added benefit that visitors to Hastings would be paying the taxes in addition to the Hastings taxpayers. An emphasis was placed on the need to identify specific projects of value for the voters to win support for the tax initiatives.

Moved by Steve Huntley seconded by Michael Anderson to recess for seven minutes at 9:55 a.m. Roll Call: Ayes: Larry Consbruck, Michael Anderson, Brad Consbruck, Steve Huntley, Maggie Esch, Marc Rowan, Brian Hoffman, Matt Fong. Absent: Brad Consbruck. Nays: Marc Rowan. Motion carried. Moved by Steve Huntley seconded by Michael Anderson to reconvene at 10:02 a.m. Roll Call: Ayes: Larry Consbruck, Michael Anderson, Brad Consbruck, Steve Huntley, Maggie Esch, Marc Rowan, Brian Hoffman, Matt Fong. Absent: None. Nays: None. Motion carried.

2. Discussion Topics.

Chief Story discussed staffing levels and response times, noting that emergencies are prioritized over non-emergency calls. Concerns were raised regarding the safety of middle school students at crosswalks and the possibility of crossing bridges to improve safety. Distracted driving laws were discussed, and Chief Story provided that cell phone use while driving is a secondary offense. Council highlighted various traffic related concerns.

Utility Manager Derek Zeisler provided information on the state of Hastings' Utilities and the potential for future nuclear energy use. The Utilities contributions to economic development were discussed including the Utilities participation in funding the HEDC.

Discussion included the need to bring back concerts to local parks; the challenges of hosting concerts include the need for big names or sponsors to make the events profitable. The need for indoor facilities for sports was discussed; private donations or

partnerships with schools could be leveraged to address the need. The Council discussed facilities in other communities and highlighted the need for public-private partnership to fund a facility with the goal of attracting local teams and increasing community engagement. The facility could also house a senior center. The value of expanding access to parks and recreation facilities was discussed by highlighting the importance of bike paths and sidewalk construction to provide safe routes to those amenities; there needs to be a special focus on areas with high residential growth.

Community branding was discussed with respect to Kool Aid with examples of other communities adopting community themes; emphasis was placed on the necessary cooperation with KRAFT to explore branding opportunities. Efforts towards updating City code were discussed with an emphasis on code enforcement consistency and discussion on the current building code software limitations.

Moved by Steve Huntley seconded by Marc Rowan to recess for nine minutes at 11:38 a.m. Roll Call: Ayes: Larry Consbruck, Michael Anderson, Brad Consbruck, Steve Huntley, Maggie Esch, Marc Rowan, Matt Fong. Absent: None. Nays: Brian Hoffman. Motion carried. Moved by Steve Huntley seconded by Michael Anderson to reconvene at 11:47 a.m. Roll Call: Ayes: Larry Consbruck, Michael Anderson, Brad Consbruck, Steve Huntley, Maggie Esch, Marc Rowan, Brian Hoffman. Absent: Matt Fong. Nays: None. Motion carried.

3. Council Goals.

Michael Anderson: Finalizing the Micro TIF process for the 15 applications to live at the property they are applying for – Worksession to be held on March 17, 2025

Larry Consbruck: A review of City investments for competitive bid process; budget and property taxes

Brad Consbruck: Do well by citizens to reduce taxes and make doing business easier

Steve Huntley: South side bike trail and safe way for students to cross the railroad tracks to the Middle School

Maggie Esch: Develop Entertainment District and make it easier to do business in the community

Marc Rowan: A project for a recreation center should include a senior center

Brian Hoffman: additional sales tax revenue sources as discussed should be focused on specific projects with intention and education of the public

4. Budget.

City Administrator Funkey stated that following discussion with the Mayor, a subcommittee including Council Members Larry Consbruck, Steve Huntley, Maggie Esch, and Brian Hoffman has been developed for reviewing the budget. The sessions

will include an initial budget overview followed by utilities, and each City department. Notes from the meetings will be forwarded to the balance of the Council.

5. Summary.

City Administrator Funkey provided his takeaways from the meeting to include: have conversations with the HEDC/Chamber of Commerce at Worksessions, strategic plan updates, LB840 & ½ cent sales tax, school and pedestrian safety. Council Member Rowan expressed his gratitude for the open communication during the meeting. Brad Consbruck enjoyed hearing the perspectives of the Council.

Moved by Councilmember Steve Huntley seconded by Councilmember Brad Consbruck there being no further business before the Council to adjourn at 12:23 p.m. Roll Call: Ayes: Steve Huntley, Michael Anderson, Brad Consbruck, Larry Consbruck, Maggie Esch, Brian Hoffman, Marc Rowan Nays: None. Absent: Matt Fong. The motion carried.

APPROVED:

George J.J. Beckby, Mayor

ATTEST:

Tyler Ficken, City Clerk

(S E A L)

CITY OF HASTINGS



ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250311 03/11/2025
DUE DATE: 03/11/2025

CASH ACCOUNT: 999		11010	CASH IN BANK - CITY							
VENDOR			REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
2512	SPOTTING LIES, INC		0001		INV	04/02/2025	1305			
ACCOUNT DETAIL							LINE AMOUNT			
1	10005031	72035	POLICE	TRAIN/CONF			6,000.00			
							CHECK TOTAL	6,000.00		
1	INVOICES		WARRANT TOTAL				6,000.00	6,000.00		
CASH ACCOUNT BALANCE								0.00		

Check Run Summary

DUE DATE: 03/11/2025

FUND	ORG		ACCOUNT		AMOUNT	AVLB BUDGET
100	10005031	POLICE	100-20-050-31-0000-00000-72035-	TRAINING/CONFERENCES	6,000.00	4,286,312.11
					FUND TOTAL	6,000.00
CASH ACCOUNT	999 11010	BALANCE	.00			
					WARRANT SUMMARY TOTAL	6,000.00
					GRAND TOTAL	6,000.00

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010				CASH IN BANK - CITY							
VENDOR				REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
338	21ST CENTURY CINEMAS			0001		INV	03/30/2025	25-04			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	270	72410		MUSEUM	FILM PRINT			35.00		
								CHECK TOTAL	35.00		
									35.00		
									35.00		
402	AMAZON CAPITAL SERVIC			0001		INV	03/27/2025	1LFC-Y6YL-31PK			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	10006040	73001		FIRE	OFF SUPP			26.43		
									26.43		
402	AMAZON CAPITAL SERVIC			0001		INV	03/30/2025	1YWN-CF6G-Q71L			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	610	73001		LANDFILL	OFF SUPP			55.71		
									55.71		
402	AMAZON CAPITAL SERVIC			0001		INV	03/26/2025	1CVP-9PH9-4PCX			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	10004000	73001		LIBRARY	OFF SUPP			79.81		
									79.81		
402	AMAZON CAPITAL SERVIC			0001		INV	03/27/2025	1CY1-JXRC-7HYJ			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	10004000	73012		LIBRARY	LIB COLL			8.99		
									8.99		
402	AMAZON CAPITAL SERVIC			0001		INV	03/26/2025	1DMX-GJWP-3XRG			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	230	72054		LIB GRANT	LIB PROG			31.80		
									31.80		
402	AMAZON CAPITAL SERVIC			0001		INV	03/26/2025	1F3R-9CGR-DRGM			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	10004000	73001		LIBRARY	OFF SUPP			32.99		
									32.99		
402	AMAZON CAPITAL SERVIC			0001		INV	03/25/2025	1F7P-W63F-1NHW			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	10004000	73012		LIBRARY	LIB COLL			19.48		
									19.48		
402	AMAZON CAPITAL SERVIC			0001		INV	03/28/2025	1KNW-RFPK-4GJ6			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	230	72054		LIB GRANT	LIB PROG			28.94		
									28.94		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY				DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
VENDOR	REMIT	PO	TYPE							
402	AMAZON CAPITAL SERVIC	0001				03/29/2025	1P1K-6YWF-H3PC			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 230 72054		LIB GRANT	LIB PROG			185.79	185.79		
402	AMAZON CAPITAL SERVIC	0001				03/28/2025	1P9L-F3K9-4KHX			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 230 72054		LIB GRANT	LIB PROG			38.56	38.56		
402	AMAZON CAPITAL SERVIC	0001				03/26/2025	1QJ3-VYQG-FTXK			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 10004000 73012		LIBRARY	LIB COLL			33.09	33.09		
402	AMAZON CAPITAL SERVIC	0001				03/29/2025	1TLF-LWWW-H7WD			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 10004000 73012		LIBRARY	LIB COLL			67.09	67.09		
402	AMAZON CAPITAL SERVIC	0001				03/23/2025	1XQL-PM1H-J4PF			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 10004000 73012		LIBRARY	LIB COLL			67.85	67.85		
402	AMAZON CAPITAL SERVIC	0001				03/27/2025	17GN-DY6P-7HWJ			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 10004000 73012		LIBRARY	LIB COLL			54.39	54.39		
402	AMAZON CAPITAL SERVIC	0001				03/26/2025	144H-N6MJ-FVT6			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 230 72054		LIB GRANT	LIB PROG			26.99	26.99		
402	AMAZON CAPITAL SERVIC	0001				03/26/2025	17LK-WYN9-6VRF			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 10004000 73001		LIBRARY	OFF SUPP			32.99	32.99		
402	AMAZON CAPITAL SERVIC	0001				04/02/2025	1YHJ-FXHK-6NCJ			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 10001011 73001		HR	OFF SUPP			55.12	55.12		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010				CASH IN BANK - CITY							
VENDOR				REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
402	AMAZON CAPITAL SERVIC			0001		INV	04/02/2025	161V-4749-6HYQ			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 720 73001			IT FUND	OFF SUPP			20.11			
									20.11		
402	AMAZON CAPITAL SERVIC			0001		INV	03/23/2025	1XQL-PM1H-HKRV			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 720 74355			IT FUND	COMP EQ			184.46			
	2 720 74357			IT FUND	EQUIP UTIL			150.93			
									335.39		
402	AMAZON CAPITAL SERVIC			0001		INV	03/23/2025	1RYM-KKLL-KQKQ			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 720 74355			IT FUND	COMP EQ			119.99			
									119.99		
402	AMAZON CAPITAL SERVIC			0001		INV	03/27/2025	1JFW-GCN4-46QW			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 720 74355			IT FUND	COMP EQ			107.17			
	2 720 74357			IT FUND	EQUIP UTIL			87.69			
									194.86		
402	AMAZON CAPITAL SERVIC			0001		INV	03/23/2025	1CDC-349Y-P33W			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 720 74355			IT FUND	COMP EQ			261.97			
									261.97		
402	AMAZON CAPITAL SERVIC			0001		INV	03/28/2025	1P9L-F3K9-6JF3			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 270 72720			MUSEUM	RM-BLDG			79.98			
									79.98		
402	AMAZON CAPITAL SERVIC			0001		CRM	03/23/2025	1H34-M1Y1-LG3P			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 270 73722			MUSEUM	SUPP-COLL			-21.98			
									-21.98		
402	AMAZON CAPITAL SERVIC			0001		CRM	03/23/2025	1NLL-DX3R-GJ6X			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 270 73722			MUSEUM	SUPP-COLL			-18.99			
									-18.99		
402	AMAZON CAPITAL SERVIC			0001		CRM	03/30/2025	1RPX-FMDV-QFC1			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 270 73720			MUSEUM	SUPP-BM			-29.39			
									-29.39		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010				CASH IN BANK - CITY						
VENDOR			REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
402	AMAZON CAPITAL SERVIC		0001		CRM	03/23/2025	197F-1GP7-CKVK			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 270	73722		MUSEUM	SUPP-COLL			-24.55		
								-24.55		
402	AMAZON CAPITAL SERVIC		0001		INV	04/06/2025	1CTJ-TCDN-HHYG			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 270	73146		MUSEUM	ED EXP			20.81		
								20.81		
402	AMAZON CAPITAL SERVIC		0001		INV	03/23/2025	1GRV-1X1K-H94N			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 270	73723		MUSEUM	SUPP-EX			15.00		
								15.00		
402	AMAZON CAPITAL SERVIC		0001		INV	03/29/2025	1NNX-9CDR-JXM6			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 270	73146		MUSEUM	ED EXP			146.48		
								146.48		
							CHECK TOTAL	1,945.70		
283	AQUA-CHEM INC		0001		INV	04/04/2025	00207652			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 10003023	74242		PR-WP	DEPT CAP			15,360.00		
								15,360.00		
							CHECK TOTAL	15,360.00		
707	AUTO VALUE PARTS STOR		0001		INV	03/30/2025	70NV138550			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 10003022	73126		PR-PARKS	FUEL/OIL			19.00		
								19.00		
707	AUTO VALUE PARTS STOR		0001		INV	03/14/2025	70NV137432			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 280	72780		STREET	RM-VEH			62.45		
	2 280	72750		STREET	RM-HEAVY			104.04		
								166.49		
707	AUTO VALUE PARTS STOR		0001		INV	03/15/2025	70NV137510			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 280	72750		STREET	RM-HEAVY			83.79		
								83.79		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 99911010				CASH IN BANK - CITY						
VENDOR			REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
707	AUTO VALUE PARTS STOR		0001		INV	03/20/2025	70NV137751			
	ACCOUNT DETAIL						LINE AMOUNT			
	128072750			STREET	RM-HEAVY		18.04	18.04		
707	AUTO VALUE PARTS STOR		0001		INV	03/20/2025	70NV137779			
	ACCOUNT DETAIL						LINE AMOUNT			
	128072780			STREET	RM-VEH		23.96	23.96		
707	AUTO VALUE PARTS STOR		0001		INV	03/21/2025	70NV137850			
	ACCOUNT DETAIL						LINE AMOUNT			
	128072750			STREET	RM-HEAVY		49.91	49.91		
707	AUTO VALUE PARTS STOR		0001		INV	03/21/2025	70NV137877			
	ACCOUNT DETAIL						LINE AMOUNT			
	128072780			STREET	RM-VEH		3.86	3.86		
707	AUTO VALUE PARTS STOR		0001		INV	03/21/2025	70NV137893			
	ACCOUNT DETAIL						LINE AMOUNT			
	128072750			STREET	RM-HEAVY		9.66	9.66		
707	AUTO VALUE PARTS STOR		0001		INV	03/21/2025	70NV137894			
	ACCOUNT DETAIL						LINE AMOUNT			
	128072750			STREET	RM-HEAVY		5.24	5.24		
707	AUTO VALUE PARTS STOR		0001		INV	03/22/2025	70NV137966			
	ACCOUNT DETAIL						LINE AMOUNT			
	128072750			STREET	RM-HEAVY		25.44	25.44		
707	AUTO VALUE PARTS STOR		0001		INV	03/26/2025	70NV138173			
	ACCOUNT DETAIL						LINE AMOUNT			
	128072750			STREET	RM-HEAVY		10.12	10.12		
707	AUTO VALUE PARTS STOR		0001		INV	03/26/2025	70NV138165			
	ACCOUNT DETAIL						LINE AMOUNT			
	128072750			STREET	RM-HEAVY		142.19	142.19		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

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CHECK RUN: 250324 03/24/2025

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CASH ACCOUNT: 99911010				CASH IN BANK - CITY							
VENDOR				REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
707	AUTO VALUE PARTS STOR			0001		INV	03/26/2025	70NV138161			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	280	72750		STREET	RM-HEAVY			72.58		
									72.58		
707	AUTO VALUE PARTS STOR			0001		INV	03/30/2025	70NV138587			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	280	72750		STREET	RM-HEAVY			74.94		
									74.94		
707	AUTO VALUE PARTS STOR			0001		INV	03/27/2025	70NV138271			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	280	73772		STREET	SUPP-SHOP			7.91		
									7.91		
707	AUTO VALUE PARTS STOR			0001		INV	03/27/2025	70NV138245			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	280	72750		STREET	RM-HEAVY			20.24		
									20.24		
707	AUTO VALUE PARTS STOR			0001		INV	03/27/2025	70NV138264			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	280	72780		STREET	RM-VEH			140.63		
									140.63		
707	AUTO VALUE PARTS STOR			0001		INV	03/27/2025	70NV138258			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	280	72780		STREET	RM-VEH			64.76		
	2	280	72750		STREET	RM-HEAVY			138.42		
									203.18		
707	AUTO VALUE PARTS STOR			0001		INV	03/28/2025	70NV138342			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	280	72750		STREET	RM-HEAVY			52.74		
									52.74		
707	AUTO VALUE PARTS STOR			0001		INV	03/29/2025	70NV138467			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	280	73772		STREET	SUPP-SHOP			50.96		
									50.96		
707	AUTO VALUE PARTS STOR			0001		INV	03/30/2025	70NV138528			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	280	72750		STREET	RM-HEAVY			45.74		
									45.74		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010				CASH IN BANK - CITY						
VENDOR			REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
707	AUTO VALUE PARTS STOR		0001		CRM	04/02/2025	70CR015021			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 280 72780			STREET	RM-VEH			-40.00		
								-40.00		
707	AUTO VALUE PARTS STOR		0001		INV	04/03/2025	70NV138812			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 280 72780			STREET	RM-VEH			71.48		
								71.48		
707	AUTO VALUE PARTS STOR		0001		INV	04/03/2025	70NV138817			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 280 72780			STREET	RM-VEH			20.12		
								20.12		
707	AUTO VALUE PARTS STOR		0001		INV	04/03/2025	70NV138779			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 280 72780			STREET	RM-VEH			11.25		
								11.25		
							CHECK TOTAL	1,289.47		
54	BAKER & TAYLOR, INC.		0001		INV	03/27/2025	2038907866			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 10004000 73012			LIBRARY	LIB COLL			148.79		
								148.79		
							CHECK TOTAL	148.79		
2468	BENCHMARK GOVERNMENT		0001		INV	03/28/2025	21531			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 10005031 72035			POLICE	TRAIN/CONF			36.85		
								36.85		
							CHECK TOTAL	36.85		
709	BIG G ACE		0001		CRM	02/21/2025	749042/1			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 610 72750			LANDFILL	RM-HEAVY			-17.58		
								-17.58		
709	BIG G ACE		0001		INV	03/02/2025	749501/1			
	ACCOUNT DETAIL						LINE AMOUNT			
	1 10003022 72750			PR-PARKS	RM-HEAVY			20.70		
								20.70		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY							
VENDOR		REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
709	BIG G ACE	0001		INV	03/30/2025	750687/1			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003022 73140		PR-PARKS	OTHER SUPP		106.43	106.43		
709	BIG G ACE	0001		INV	02/22/2025	749097/1			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003020 73720		PR-AUD	SUPP-BM		209.99	209.99		
709	BIG G ACE	0001		INV	03/30/2025	750712/1			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 280 73772		STREET	SUPP-SHOP		7.57	7.57		
						CHECK TOTAL	327.11		
273	BOUND TREE MEDICAL LL	0001		INV	01/11/2025	85590594			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006041 73135		AMBULANCEMED	SUPP		1,157.27	1,157.27		
273	BOUND TREE MEDICAL LL	0001		INV	04/03/2025	85684654			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006041 73135		AMBULANCEMED	SUPP		1,037.88	1,037.88		
273	BOUND TREE MEDICAL LL	0001		INV	04/02/2025	85682726			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006041 73135		AMBULANCEMED	SUPP		527.29	527.29		
						CHECK TOTAL	2,722.44		
615	BUSINESS WORLD PRODUC	0001		INV	03/26/2025	683864			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006040 73001		FIRE	OFF SUPP		36.89	36.89		
615	BUSINESS WORLD PRODUC	0001		INV	03/23/2025	684054			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006040 73001		FIRE	OFF SUPP		13.50	13.50		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

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CASH ACCOUNT: 999 11010		CASH IN BANK - CITY				INVOICE	AMOUNT	VOUCHER	CHECK
VENDOR		REMIT	PO	TYPE	DUE DATE				
615	BUSINESS WORLD PRODUC	0001		INV	03/26/2025	024459			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10004000 73001		LIBRARY	OFF SUPP		105.45	105.45		
615	BUSINESS WORLD PRODUC	0001		INV	04/02/2025	684208			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10002000 73001		DS	OFF SUPP		27.00	27.00		
						CHECK TOTAL	182.84		
1641	SHAYE BUTLER	0001		INV	03/25/2025	022325			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003024 72052		PR-REC	CL-YOUTH		150.00	150.00		
						CHECK TOTAL	150.00		
920	C E I SECURITY & SOUN	0001		INV	03/30/2025	2025071			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 720 74357		IT FUND	EQUIP UTIL		1,976.00	1,976.00		
920	C E I SECURITY & SOUN	0001		INV	03/26/2025	2025048			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 720 74355		IT FUND	COMP EQ		3,899.00	3,899.00		
						CHECK TOTAL	5,875.00		
552	CMBA ARCHITECTS	0001		INV	04/09/2025	65249			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 285 74229		CONST PROJCAP IMP			7,435.00	7,435.00		
						CHECK TOTAL	7,435.00		
630	COOPERATIVE PRODUCERS	0002		INV	03/23/2025	J94876			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 610 72780		LANDFILL	RM-VEH		26.20	26.20		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

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CASH ACCOUNT: 999 11010				CASH IN BANK - CITY							
VENDOR			REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK	
630	COOPERATIVE PRODUCERS		0002		INV	02/26/2025	186777				
	ACCOUNT DETAIL						LINE AMOUNT				
	1 10003022 73126			PR-PARKS	FUEL/OIL		2,336.53	2,336.53			
630	COOPERATIVE PRODUCERS		0002		INV	04/02/2025	J95087				
	ACCOUNT DETAIL						LINE AMOUNT				
	1 10006040 72780			FIRE	RM-VEH		26.20	26.20			
							CHECK TOTAL	2,388.93			
630	COOPERATIVE PRODUCERS		0003		INV	03/09/2025	T85753				
	ACCOUNT DETAIL						LINE AMOUNT				
	1 280 72750			STREET	RM-HEAVY		2,037.00	2,037.00			
630	COOPERATIVE PRODUCERS		0003		INV	04/02/2025	T86016				
	ACCOUNT DETAIL						LINE AMOUNT				
	1 280 72750			STREET	RM-HEAVY		577.02	577.02			
							CHECK TOTAL	2,614.02			
207	CULLIGAN OF HASTINGS		0001		INV	03/30/2025	1016796				
	ACCOUNT DETAIL						LINE AMOUNT				
	1 10006040 73720			FIRE	SUPP-BM		66.00	66.00			
207	CULLIGAN OF HASTINGS		0001		INV	03/30/2025	1016795				
	ACCOUNT DETAIL						LINE AMOUNT				
	1 10006040 73720			FIRE	SUPP-BM		33.00	33.00			
207	CULLIGAN OF HASTINGS		0001		INV	03/29/2025	5325381				
	ACCOUNT DETAIL						LINE AMOUNT				
	1 10001010 72030			CITY ADMIN	PROF SERV		46.20	46.20			
207	CULLIGAN OF HASTINGS		0001		INV	03/05/2025	5314621				
	ACCOUNT DETAIL						LINE AMOUNT				
	1 10001010 72030			CITY ADMIN	PROF SERV		37.95	37.95			
							CHECK TOTAL	183.15			

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

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CASH ACCOUNT: 99911010				CASH IN BANK - CITY							
VENDOR			REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK	
1547	DAKOTA FLUID POWER, I		0001		INV	03/22/2025	7305063				
ACCOUNT DETAIL							LINE AMOUNT				
1	28072750			STREET	RM-HEAVY		80.66				
							CHECK TOTAL	80.66			
							80.66				
1857	DEL-RAY MFG, INC		0001		INV	03/26/2025	12676				
ACCOUNT DETAIL							LINE AMOUNT				
1	1000302272750			PR-PARKS	RM-HEAVY		172.00				
							CHECK TOTAL	172.00			
							172.00				
2245	DANIELLE DUESTER		0001		INV	03/24/2025	022225				
ACCOUNT DETAIL							LINE AMOUNT				
1	1000302472052			PR-REC	CL-YOUTH		60.00				
							CHECK TOTAL	60.00			
							60.00				
2235	LONDON DUESTER		0001		INV	03/24/2025	022225				
ACCOUNT DETAIL							LINE AMOUNT				
1	1000302472052			PR-REC	CL-YOUTH		60.00				
							CHECK TOTAL	60.00			
							60.00				
2486	LOGAN DUESTER		0001		INV	03/24/2025	022225				
ACCOUNT DETAIL							LINE AMOUNT				
1	1000302472052			PR-REC	CL-YOUTH		60.00				
							CHECK TOTAL	60.00			
							60.00				
2199	NICHOLAS DUESTER		0001		INV	03/24/2025	022225				
ACCOUNT DETAIL							LINE AMOUNT				
1	1000302472052			PR-REC	CL-YOUTH		120.00				
							CHECK TOTAL	120.00			
							120.00				
							120.00				

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ACCOUNTS PAYABLE CHECK RUN REPORT

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CASH ACCOUNT: 999 11010		CASH IN BANK - CITY							
VENDOR	REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK	
648 DUTTON-LAINSON CO.	0001		INV	03/26/2025	909382-1				
ACCOUNT DETAIL					LINE AMOUNT				
1 10003022 72720		PR-PARKS	RM-BLDG		158.31				
						158.31			
					CHECK TOTAL	158.31			
6 EAKES OFFICE SOLUTION	0001		INV	03/27/2025	9096401-0				
ACCOUNT DETAIL					LINE AMOUNT				
1 10001013 73001		FINANCE	OFF SUPP		227.20				
						227.20			
6 EAKES OFFICE SOLUTION	0001		INV	03/29/2025	9098516-0				
ACCOUNT DETAIL					LINE AMOUNT				
1 10002000 73001		DS	OFF SUPP		181.95				
						181.95			
6 EAKES OFFICE SOLUTION	0001		INV	03/30/2025	9098516-1				
ACCOUNT DETAIL					LINE AMOUNT				
1 10002000 74360		DS	OFF EQ		597.39				
						597.39			
6 EAKES OFFICE SOLUTION	0001		INV	04/02/2025	9099948-0				
ACCOUNT DETAIL					LINE AMOUNT				
1 10002000 73001		DS	OFF SUPP		37.90				
						37.90			
6 EAKES OFFICE SOLUTION	0001		INV	03/27/2025	INV629024				
ACCOUNT DETAIL					LINE AMOUNT				
1 720 73725		IT FUND	COMPT SOFT		84.75				
2 720 73727		IT FUND	SFTW UTIL		69.34				
						154.09			
					CHECK TOTAL	1,198.53			
140 ECHO SYSTEMS	0001		INV	04/03/2025	S011089902.001				
ACCOUNT DETAIL					LINE AMOUNT				
1 10006040 72720		FIRE	RM-BLDG		66.80				
						66.80			
					CHECK TOTAL	66.80			
326 EMSAR DES MOINES	0001		INV	01/08/2023	SI-361460				
ACCOUNT DETAIL					LINE AMOUNT				
1 10006041 73850		AMBULANCE	FIELD EQ		496.73				

CITY OF HASTINGS

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CASH ACCOUNT: 999 11010		CASH IN BANK - CITY							
VENDOR		REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
						CHECK TOTAL	496.73		
							496.73		
421	ENVISION IT	0001		INV	03/30/2025	42712			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 720 73725		IT FUND	COMPT SOFT			363.00		
	2 720 73727		IT FUND	SFTW UTIL			297.00		
							660.00		
						CHECK TOTAL	660.00		
578	ESSENTIAL SCREENS	0001		INV	03/31/2025	2023063315			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10002000 72030		DS	PROF SERV			19.98		
	2 10004000 72030		LIBRARY	PROF SERV			19.98		
	3 10003022 72915		PR-PARKS	OTHER			38.53		
							78.49		
						CHECK TOTAL	78.49		
2282	EVERYTHING BRANDED US	0001		INV	03/27/2025	EB111647			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 270 73122		MUSEUM	STORE MERC			4,007.00		
							4,007.00		
						CHECK TOTAL	4,007.00		
2236	JORDAN FAIMON	0001		INV	03/24/2025	022225			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003024 72052		PR-REC	CL-YOUTH			60.00		
							60.00		
						CHECK TOTAL	60.00		
2237	KEVIN FAIMON	0001		INV	03/24/2025	022225			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003024 72052		PR-REC	CL-YOUTH			120.00		
							120.00		
						CHECK TOTAL	120.00		

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CASH ACCOUNT: 999 11010		CASH IN BANK - CITY							
VENDOR		REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
676	FAMILY MEDICAL CENTER	0001		INV	03/01/2025	18684V30441			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005031 72030		POLICE	PROF SERV		298.00			
							298.00		
						CHECK TOTAL	298.00		
2267	AMANDA FARRENS	0001		INV	03/25/2025	022325			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003024 72052		PR-REC	CL-YOUTH		150.00			
							150.00		
						CHECK TOTAL	150.00		
174	FLEET PRIDE, INC.	0001		INV	03/27/2025	HAS0111041			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006040 72780		FIRE	RM-VEH		8,934.56			
							8,934.56		
174	FLEET PRIDE, INC.	0001		INV	03/26/2025	HAS0111064			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003022 72780		PR-PARKS	RM-VEH		3,249.27			
							3,249.27		
						CHECK TOTAL	12,183.83		
646	FLOOD COMMUNICATIONS	0001		INV	03/30/2025	62568-6			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10007052 72305		SW MGMT	ADVERTISE		440.00			
							440.00		
						CHECK TOTAL	440.00		
89	GALL'S, LLC	0001		INV	03/21/2025	030514563			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005031 73170		POLICE	WEARING		3,092.22			
							3,092.22		
						CHECK TOTAL	3,092.22		
2431	GENESIS CONTRACTING G	0001		INV	04/09/2025	CH2024-26 EST #6			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 285 74229		CONST PROJ	CAP IMP		432,324.19			
							432,324.19		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010				CASH IN BANK - CITY							
VENDOR				REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
								CHECK TOTAL	432,324.19		
457	GLOBAL SOFTWARE			0001		INV	03/28/2025	TACXT0000127			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 720 73725			IT FUND	COMPT SOFT			5,750.00			
									5,750.00		
								CHECK TOTAL	5,750.00		
409	GREATER NEBRASKA CITI			0001		INV	03/31/2025	HAS0325			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 10009000 72021			OTHER-GOV	LOBBY ACT			1,000.00			
									1,000.00		
								CHECK TOTAL	1,000.00		
680	GSI ENGINEERING LLC			0001		INV	03/26/2025	0000002194			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 285 74229			CONST PROJ	CAP IMP			1,383.00			
									1,383.00		
								CHECK TOTAL	1,383.00		
635	HASTINGS AREA CHAMBER			0001		INV	03/31/2025	718190			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 211 72405			BID	PRINTING			5.19			
									5.19		
								CHECK TOTAL	5.19		
2027	HASTINGS BUILDING COM			0001		INV	05/01/2025	APRIL 2025			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 10009000 72810			OTHER-GOV	RENT			4,070.00			
									4,070.00		
								CHECK TOTAL	4,070.00		
597	HASTINGS FORD LINCOLN			0001		INV	03/23/2025	97307			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 10005031 72780			POLICE	RM-VEH			89.95			
									89.95		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY							
VENDOR		REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
597	HASTINGS FORD LINCOLN	0001		INV	03/27/2025	97494			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005031 72780		POLICE	RM-VEH		490.45			
							490.45		
597	HASTINGS FORD LINCOLN	0001		INV	03/08/2025	96660			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005031 72780		POLICE	RM-VEH		59.95			
							59.95		
597	HASTINGS FORD LINCOLN	0001		INV	03/29/2025	97645			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005031 72780		POLICE	RM-VEH		78.97			
							78.97		
597	HASTINGS FORD LINCOLN	0001		INV	03/30/2025	97699			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005031 72780		POLICE	RM-VEH		59.95			
							59.95		
597	HASTINGS FORD LINCOLN	0001		INV	04/03/2025	97906			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005031 72780		POLICE	RM-VEH		59.95			
							59.95		
597	HASTINGS FORD LINCOLN	0001		INV	04/02/2025	97812			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005031 72780		POLICE	RM-VEH		575.95			
							575.95		
						CHECK TOTAL	1,415.17		
623	HASTINGS OUTDOOR POWE	0001		INV	03/31/2025	51572			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003022 72750		PR-PARKS	RM-HEAVY		923.00			
							923.00		
623	HASTINGS OUTDOOR POWE	0001		INV	03/20/2025	51492			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 280 72780		STREET	RM-VEH		160.00			
							160.00		
623	HASTINGS OUTDOOR POWE	0001		INV	04/03/2025	51605			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 280 73140		STREET	OTHER SUPP		20.00			
							20.00		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY				INVOICE	AMOUNT	VOUCHER	CHECK
VENDOR		REMIT	PO	TYPE	DUE DATE				
						CHECK TOTAL	1,103.00		
652	HASTINGS TRIBUNE	0001		INV	03/29/2025	300153524			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10001011 72305	HR		ADVERTISE			4.91		
									4.91
652	HASTINGS TRIBUNE	0001		INV	03/30/2025	300154108			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10002000 72305	DS		ADVERTISE			21.27		
									21.27
652	HASTINGS TRIBUNE	0001		INV	03/30/2025	300154110			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10002000 72305	DS		ADVERTISE			15.55		
									15.55
652	HASTINGS TRIBUNE	0001		INV	03/30/2025	300154111			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10002000 72305	DS		ADVERTISE			8.59		
									8.59
652	HASTINGS TRIBUNE	0001		INV	03/30/2025	300154197			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10002000 72305	DS		ADVERTISE			18.00		
									18.00
652	HASTINGS TRIBUNE	0001		INV	03/30/2025	300154198			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10002000 72305	DS		ADVERTISE			24.55		
									24.55
652	HASTINGS TRIBUNE	0001		INV	03/30/2025	300154199			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10002000 72305	DS		ADVERTISE			10.23		
									10.23
652	HASTINGS TRIBUNE	0001		INV	03/30/2025	228 02282025			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10001015 72305	CLERK		ADVERTISE			928.57		
									928.57
652	HASTINGS TRIBUNE	0001		INV	03/30/2025	300153820			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 270 72305	MUSEUM		ADVERTISE			430.00		
									430.00

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY							
VENDOR		REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
						CHECK TOTAL	1,461.67		
720	HASTINGS UTILITIES	0001		INV	03/23/2025	18690528-00 022125			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 211 72915	BID	OTHER			69.55			
							69.55		
720	HASTINGS UTILITIES	0001		INV	03/23/2025	18691700-00 022125			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 211 72915	BID	OTHER			69.35			
							69.35		
720	HASTINGS UTILITIES	0001		INV	03/23/2025	18690752-01 022125			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 211 72915	BID	OTHER			41.55			
							41.55		
720	HASTINGS UTILITIES	0001		INV	04/03/2025	02070930-00 030425			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 270 72605	MUSEUM	ELECTRICIT			8,228.12			
	2 270 72610	MUSEUM	NAT GAS			252.54			
	3 270 72615	MUSEUM	SEWER			48.77			
	4 270 72625	MUSEUM	WATER			239.41			
							8,768.84		
						CHECK TOTAL	8,949.29		
720	HASTINGS UTILITIES	0001		INV	03/02/2025	5444			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10001010 72728	CITY ADMIN	BUILD SUPP			985.42			
	2 10008000 72728	AIRPORT	BUILD SUPP			4,890.41			
	3 10003020 72728	PR-AUD	BUILD SUPP			1,776.26			
	4 10003021 72728	PR-CEM	BUILD SUPP			258.09			
	5 10006040 72728	FIRE	BUILD SUPP			1,395.09			
	6 10004000 72728	LIBRARY	BUILD SUPP			2,160.28			
	7 10003022 72728	PR-PARKS	BUILD SUPP			4,391.15			
	8 10005031 72728	POLICE	BUILD SUPP			1,407.74			
	9 270 72728	MUSEUM	BUILD SUPP			8,665.74			
	10 280 72728	STREET	BUILD SUPP			1,161.38			
	11 610 72728	LANDFILL	BUILD SUPP			561.65			
							27,653.21		
						CHECK TOTAL	27,653.21		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY							
VENDOR		REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
720	HASTINGS UTILITIES	0001		INV	03/02/2025	5441			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005031 72105		POLICE	POSTAGE		14.56			
							14.56		
						CHECK TOTAL	14.56		
720	HASTINGS UTILITIES	0001		INV	03/02/2025	5442			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 280 73733		STREET	ENG SUPORT		50,185.36			
	2 610 74229		LANDFILL	CAP IMP		370.55			
	3 10003021 74242		PR-CEM	DEPT CAP		2,501.04			
	4 10006040 74120		FIRE	BDLG IMP		608.28			
	5 236 74229		PR SALES	CAP IMP		620.10			
	6 10009000 74120		OTHER-GOV	BDLG IMP		196.35			
	7 285 74229		CONST PROJ	CAP IMP		1,279.07			
	8 280 73733		STREET	ENG SUPORT		39,864.81			
							95,625.56		
						CHECK TOTAL	95,625.56		
416	HEALTH MANAGEMENT SYS	0001		INV	03/03/2025	2025-4213			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10001011 72053		HR	EE PROG		463.45			
							463.45		
						CHECK TOTAL	463.45		
2372	IMPRIVATA, INC	0001		INV	04/04/2025	INV-31437			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 720 74355		IT FUND	COMP EQ		2,151.90			
							2,151.90		
						CHECK TOTAL	2,151.90		
576	INTEGRATED SECURITY S	0001		INV	11/27/2024	20244351			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006040 72770		FIRE	RM-TOOLS		132.00			
							132.00		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY				INVOICE	AMOUNT	VOUCHER	CHECK
VENDOR		REMIT	PO	TYPE	DUE DATE				
576	INTEGRATED SECURITY S	0001		INV	04/04/2025	20250101			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006040 72720		FIRE	RM-BLDG		40.00			
						CHECK TOTAL	40.00		
							172.00		
11	ISLAND SUPPLY WELDING	0001		INV	03/30/2025	337938			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 280 73771		STREET	SUPP-WELD		54.84			
						CHECK TOTAL	54.84		
							54.84		
671	J E O CONSULTING GROU	0001		INV	03/29/2025	158973			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003023 74242		PR-WP	DEPT CAP		1,200.00			
							1,200.00		
671	J E O CONSULTING GROU	0001		INV	04/04/2025	159140			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 280 72030		STREET	PROF SERV		2,750.00			
						CHECK TOTAL	2,750.00		
							3,950.00		
2471	JADES SEWER DRAIN CLE	0001		INV	03/28/2025	92			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006040 72728		FIRE	BUILD SUPP		187.50			
						CHECK TOTAL	187.50		
							187.50		
141	KONE, INC.	0001		INV	03/31/2025	871621851			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 270 72750		MUSEUM	RM-HEAVY		1,033.50			
						CHECK TOTAL	1,033.50		
							1,033.50		
658	KULLY PIPE & STEEL CO	0001		INV	03/23/2025	824708			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003022 72750		PR-PARKS	RM-HEAVY		871.25			
							871.25		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY				INVOICE	AMOUNT	VOUCHER	CHECK
VENDOR		REMIT	PO	TYPE	DUE DATE				
						CHECK TOTAL	871.25		
2513	LANGUAGE LINE SERVICE	0001		INV	03/30/2025	11552174			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005031 72030		POLICE	PROF SERV		889.01			
							889.01		
						CHECK TOTAL	889.01		
336	LEXJET LLC	0001		INV	03/29/2025	INVLJUSDS0556699			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 270 73723		MUSEUM	SUPP-EX		105.00			
							105.00		
						CHECK TOTAL	105.00		
566	MACQUEEN EQUIPMENT, L	0001		INV	03/26/2025	P44405			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006040 73115		FIRE	CHEMICAL		702.00			
							702.00		
566	MACQUEEN EQUIPMENT, L	0001		INV	03/30/2025	W01222			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006040 72780		FIRE	RM-VEH		821.72			
							821.72		
566	MACQUEEN EQUIPMENT, L	0001		INV	03/30/2025	W01270			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006040 72780		FIRE	RM-VEH		383.98			
							383.98		
566	MACQUEEN EQUIPMENT, L	0001		INV	03/30/2025	W01271			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006040 72780		FIRE	RM-VEH		474.22			
							474.22		
566	MACQUEEN EQUIPMENT, L	0001		INV	04/02/2025	P14799			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 280 72750		STREET	RM-HEAVY		643.07			
							643.07		
						CHECK TOTAL	3,024.99		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY							
VENDOR	REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK	
589 MALOUF JR AND ASSOCIA	0001		INV	03/28/2025	IN-37163				
ACCOUNT DETAIL					LINE AMOUNT				
1 10003022 73720		PR-PARKS	SUPP-BM		200.15				
						200.15			
589 MALOUF JR AND ASSOCIA	0001		INV	01/19/2025	IN-37105				
ACCOUNT DETAIL					LINE AMOUNT				
1 10006040 73720		FIRE	SUPP-BM		276.94				
						276.94			
CHECK TOTAL						477.09			
15 MATHESON TRIGAS-LINWE	0001		INV	03/23/2025	0031068590				
ACCOUNT DETAIL					LINE AMOUNT				
1 10006041 73135		AMBULANCEMED SUPP			52.80				
						52.80			
15 MATHESON TRIGAS-LINWE	0001		INV	04/02/2025	0031144611				
ACCOUNT DETAIL					LINE AMOUNT				
1 10006041 73135		AMBULANCEMED SUPP			170.50				
						170.50			
15 MATHESON TRIGAS-LINWE	0001		INV	04/05/2025	0031162294				
ACCOUNT DETAIL					LINE AMOUNT				
1 10006041 73135		AMBULANCEMED SUPP			105.60				
						105.60			
CHECK TOTAL						328.90			
601 MENARDS	0001		INV	03/23/2025	82047				
ACCOUNT DETAIL					LINE AMOUNT				
1 25500040 74370		FIRE GRANT TOOLS			483.78				
						483.78			
601 MENARDS	0001		INV	03/26/2025	82145				
ACCOUNT DETAIL					LINE AMOUNT				
1 610 74229		LANDFILL	CAP IMP		63.00				
						63.00			
601 MENARDS	0001		INV	03/23/2025	82023				
ACCOUNT DETAIL					LINE AMOUNT				
1 10003022 72720		PR-PARKS	RM-BLDG		67.82				
						67.82			

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY							
VENDOR		REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
601	MENARDS	0001		INV	03/23/2025	82053			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003022 72750		PR-PARKS	RM-HEAVY		105.22	105.22		
601	MENARDS	0001		INV	03/27/2025	82217			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005031 73850		POLICE	FIELD EQ		11.75	11.75		
601	MENARDS	0001		INV	03/17/2025	81796			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005031 73136		POLICE	K-9 UNIT		19.96	19.96		
601	MENARDS	0001		INV	03/27/2025	82198			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006040 73720		FIRE	SUPP-BM		19.21	19.21		
601	MENARDS	0001		INV	03/28/2025	82254			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003021 72720		PR-CEM	RM-BLDG		1.98	1.98		
601	MENARDS	0001		INV	03/27/2025	82222			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003021 72720		PR-CEM	RM-BLDG		18.85	18.85		
601	MENARDS	0001		INV	03/23/2025	82018			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003021 74242		PR-CEM	DEPT CAP		202.97	202.97		
601	MENARDS	0001		INV	03/29/2025	82293			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005031 72720		POLICE	RM-BLDG		70.50	70.50		
601	MENARDS	0001		INV	03/27/2025	82227			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003022 72720		PR-PARKS	RM-BLDG		2.76	2.76		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY							
VENDOR		REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
601	MENARDS	0001		INV	03/27/2025	82213			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003022 72720		PR-PARKS	RM-BLDG		11.72	11.72		
601	MENARDS	0001		INV	03/28/2025	82261			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 280 72915		STREET	OTHER		42.98	42.98		
601	MENARDS	0001		INV	04/03/2025	82538			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 280 72915		STREET	OTHER		7.56	7.56		
601	MENARDS	0001		INV	03/27/2025	82221			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 280 72720		STREET	RM-BLDG		119.00	119.00		
601	MENARDS	0001		INV	04/02/2025	82478			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 280 73140		STREET	OTHER SUPP		89.99	89.99		
601	MENARDS	0001		INV	03/29/2025	82318			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 280 73001		STREET	OFF SUPP		9.98	9.98		
601	MENARDS	0001		INV	04/05/2025	82626			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 280 72915		STREET	OTHER		28.83	28.83		
601	MENARDS	0001		INV	03/28/2025	82273			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 270 72720		MUSEUM	RM-BLDG		36.97	36.97		
						CHECK TOTAL	1,414.83		
558	MICHAEL TODD & COMPAN	0001		INV	11/02/2024	216209			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 280 72750		STREET	RM-HEAVY		779.05	779.05		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY				INVOICE	AMOUNT	VOUCHER	CHECK
VENDOR		REMIT	PO	TYPE	DUE DATE				
						CHECK TOTAL	779.05		
591	MICROFILM IMAGING SYS	0001		INV	03/31/2025	97629			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 720 74355	IT FUND	COMP EQ				111.00		
						CHECK TOTAL	111.00		
2449	MID-NEBRASKA MOBILITY	0001		INV	04/02/2025	41041			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003020 74120	PR-AUD	BDLG IMP				10,250.00		
						CHECK TOTAL	10,250.00		
218	MIDWEST TAPE	0001		INV	03/27/2025	506806100			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10004000 73012	LIBRARY	LIB COLL				194.17		
	2 10004000 72914	LIBRARY	PROC FEE				15.75		
						CHECK TOTAL	209.92		
28	MIDWEST TURF & IRRIGA	0001		INV	03/20/2025	3946532-00			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003021 72780	PR-CEM	RM-VEH				144.89		
						CHECK TOTAL	144.89		
1849	MR. SPARKLES CLEANING	0001		INV	03/23/2025	40070			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005031 72720	POLICE	RM-BLDG				1,080.00		
						CHECK TOTAL	1,080.00		
138	MUSEUM - FOUNDATION	0001		INV	03/31/2025	HMF 3.2025			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 270 44311	MUSEUM	CONSIGNMNT				74.85		
						CHECK TOTAL	74.85		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY							
VENDOR		REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
688	NAPA AUTO PARTS	0001		INV	03/26/2025	320424			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 610 72750		LANDFILL	RM-HEAVY			20.95		
	2 610 72750		LANDFILL	RM-HEAVY			18.89		
							39.84		
688	NAPA AUTO PARTS	0001		INV	03/26/2025	320387			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 610 74229		LANDFILL	CAP IMP			58.62		
							58.62		
688	NAPA AUTO PARTS	0001		INV	03/27/2025	320618			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 610 74229		LANDFILL	CAP IMP			78.16		
							78.16		
688	NAPA AUTO PARTS	0001		INV	03/28/2025	320867			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 610 72750		LANDFILL	RM-HEAVY			41.04		
							41.04		
688	NAPA AUTO PARTS	0001		INV	02/21/2025	749042 C			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 610 72750		LANDFILL	RM-HEAVY			17.58		
							17.58		
688	NAPA AUTO PARTS	0001		INV	03/27/2025	320693			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003022 73720		PR-PARKS	SUPP-BM			136.45		
							136.45		
688	NAPA AUTO PARTS	0001		INV	03/30/2025	321560			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006040 72780		FIRE	RM-VEH			29.85		
							29.85		
688	NAPA AUTO PARTS	0001		INV	03/29/2025	321335			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003022 72780		PR-PARKS	RM-VEH			41.96		
							41.96		
688	NAPA AUTO PARTS	0001		INV	03/29/2025	321314			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003022 72780		PR-PARKS	RM-VEH			26.54		
							26.54		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010				CASH IN BANK - CITY							
VENDOR				REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
688	NAPA AUTO PARTS			0001		INV	03/29/2025	321339			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	10003022	72780		PR-PARKS	RM-VEH			8.36		
									8.36		
688	NAPA AUTO PARTS			0001		INV	03/30/2025	321489			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	10003022	72780		PR-PARKS	RM-VEH			49.49		
									49.49		
688	NAPA AUTO PARTS			0001		INV	03/16/2025	318949			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	280	72750		STREET	RM-HEAVY			31.11		
									31.11		
688	NAPA AUTO PARTS			0001		INV	03/16/2025	318849			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	280	72750		STREET	RM-HEAVY			115.60		
									115.60		
688	NAPA AUTO PARTS			0001		INV	03/19/2025	319128			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	280	72750		STREET	RM-HEAVY			59.88		
									59.88		
688	NAPA AUTO PARTS			0001		INV	03/20/2025	319451			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	280	72750		STREET	RM-HEAVY			52.31		
									52.31		
688	NAPA AUTO PARTS			0001		INV	03/20/2025	319427			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	280	72750		STREET	RM-HEAVY			75.35		
									75.35		
688	NAPA AUTO PARTS			0001		INV	03/20/2025	319504			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	280	72750		STREET	RM-HEAVY			19.32		
									19.32		
688	NAPA AUTO PARTS			0001		INV	03/21/2025	319678			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	280	72750		STREET	RM-HEAVY			36.07		
									36.07		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010				CASH IN BANK - CITY							
VENDOR				REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
688	NAPA AUTO PARTS			0001		INV	03/26/2025	320449			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	280	72750		STREET	RM-HEAVY			63.50		
									63.50		
688	NAPA AUTO PARTS			0001		INV	03/26/2025	320524			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	280	72750		STREET	RM-HEAVY			77.09		
									77.09		
688	NAPA AUTO PARTS			0001		INV	04/03/2025	322128			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	280	72780		STREET	RM-VEH			198.84		
									198.84		
688	NAPA AUTO PARTS			0001		INV	04/03/2025	322165			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	280	72780		STREET	RM-VEH			141.94		
									141.94		
								CHECK TOTAL	1,398.90		
1439	NE DEPT OF ENVIRONMEN			0001		INV	04/30/2025	49503			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	10003023	72915		PR-WP	OTHER			40.00		
									40.00		
1439	NE DEPT OF ENVIRONMEN			0001		INV	04/30/2025	49502			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	10003023	72915		PR-WP	OTHER			40.00		
									40.00		
1439	NE DEPT OF ENVIRONMEN			0001		INV	04/30/2025	49504			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	10003023	72915		PR-WP	OTHER			40.00		
									40.00		
								CHECK TOTAL	120.00		
59	NE LAW ENFORCEMENT TR			0001		INV	03/28/2025	14849			
	ACCOUNT DETAIL							LINE AMOUNT			
	1	10005031	72030		POLICE	PROF SERV			15.00		
									15.00		
								CHECK TOTAL	15.00		

CITY OF HASTINGS



ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY							
VENDOR	REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK	
165 NE MUNICIPAL FIRE CHI	0001		INV	04/03/2025	2025				
ACCOUNT DETAIL					LINE AMOUNT				
1 10006040 72905		FIRE	DUE/SUBS		660.00				
					CHECK TOTAL	660.00			
660.00						660.00			
85 NE SALT AND GRAIN CO.	0001		INV	03/30/2025	74973				
ACCOUNT DETAIL					LINE AMOUNT				
1 280 73155		STREET	SAND/GRAV		3,429.57				
					CHECK TOTAL	3,429.57			
3,429.57						3,429.57			
154 NE STATE PATROL	0001		INV	03/23/2025	1467643				
ACCOUNT DETAIL					LINE AMOUNT				
1 720 73725		IT FUND	COMPT SOFT		2,760.50				
					CHECK TOTAL	2,760.50			
2,760.50						2,760.50			
656 NEBRASKA MACHINERY CO	0001		INV	03/28/2025	CUI1458191				
ACCOUNT DETAIL					LINE AMOUNT				
1 610 72750		LANDFILL	RM-HEAVY		120.21				
					CHECK TOTAL	120.21			
120.21						120.21			
656 NEBRASKA MACHINERY CO	0001		INV	03/07/2025	CUI1451022				
ACCOUNT DETAIL					LINE AMOUNT				
1 280 72750		STREET	RM-HEAVY		638.56				
					CHECK TOTAL	638.56			
638.56						638.56			
656 NEBRASKA MACHINERY CO	0001		INV	03/08/2025	CUI1451201				
ACCOUNT DETAIL					LINE AMOUNT				
1 280 72750		STREET	RM-HEAVY		976.28				
					CHECK TOTAL	976.28			
976.28						976.28			
1,735.05						1,735.05			
639 NORTH CENTRAL SAFETY	0001		INV	03/05/2025	24013125				
ACCOUNT DETAIL					LINE AMOUNT				
1 280 73140		STREET	OTHER SUPP		142.73				
					CHECK TOTAL	142.73			
142.73						142.73			

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY				DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
VENDOR		REMIT	PO	TYPE						
689	NUTRIEN AG SOLUTIONS	0001		INV	03/23/2025	56249749				
	ACCOUNT DETAIL					LINE AMOUNT				
	1 10003021 73126		PR-CEM	FUEL/OIL		132.00		132.00		
						CHECK TOTAL		132.00		
692	O'REILLY AUTO PARTS	0001		INV	02/07/2025	0764-235949				
	ACCOUNT DETAIL					LINE AMOUNT				
	1 10006041 72780		AMBULANCERM-VEH			4.99		4.99		
						CHECK TOTAL		4.99		
1400	ANNA SORENSEN	0000		INV	03/29/2025	PER DIEM - SORENSEN				
	ACCOUNT DETAIL					LINE AMOUNT				
	1 10005030 72035		911	TRAIN/CONF		200.00		200.00		
						CHECK TOTAL		200.00		
1400	ANTHONY MURPHY	0000		INV	11/11/2024	ALLENS				
	ACCOUNT DETAIL					LINE AMOUNT				
	1 10006040 73001		FIRE	OFF SUPP		75.76		75.76		
						CHECK TOTAL		75.76		
1400	JAMES FARRIS	0000		INV	03/22/2025	JF0225				
	ACCOUNT DETAIL					LINE AMOUNT				
	1 100 44205		GENERAL	ALARM FEE		172.27		172.27		
						CHECK TOTAL		172.27		
1400	JOSHUA FINK	0000		INV	02/22/2025	PER DIEM - FINK				
	ACCOUNT DETAIL					LINE AMOUNT				
	1 10005031 72035		POLICE	TRAIN/CONF		306.00		306.00		
						CHECK TOTAL		306.00		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY								
VENDOR		REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK	
1400	JOSHUA NEWBREY	0000		INV	02/22/2025	PER DIEM - NEWBREY				
	ACCOUNT DETAIL					LINE AMOUNT				
	1 10005031 72035		POLICE	TRAIN/CONF		306.00				
							306.00			
						CHECK TOTAL	306.00			
1400	STEPHANIE SELL	0000		INV	03/29/2025	PER DIEM - S. SELL				
	ACCOUNT DETAIL					LINE AMOUNT				
	1 10005030 72035		911	TRAIN/CONF		200.00				
							200.00			
						CHECK TOTAL	200.00			
18	PEPSI-COLA BOTTLING C	0001		INV	04/03/2025	6100126288				
	ACCOUNT DETAIL					LINE AMOUNT				
	1 270 73121		MUSEUM	CONC-RES		1,036.25				
							1,036.25			
						CHECK TOTAL	1,036.25			
2269	VICKI PFLASTERER	0001		INV	03/25/2025	022325				
	ACCOUNT DETAIL					LINE AMOUNT				
	1 10003024 72052		PR-REC	CL-YOUTH		150.00				
							150.00			
						CHECK TOTAL	150.00			
24	PRESTO-X	0001		INV	03/16/2025	73406811				
	ACCOUNT DETAIL					LINE AMOUNT				
	1 10008000 72720		AIRPORT	RM-BLDG		76.72				
							76.72			
						CHECK TOTAL	76.72			
712	PRIME SECURED	0001		INV	03/27/2025	95234				
	ACCOUNT DETAIL					LINE AMOUNT				
	1 720 73725		IT FUND	COMPT SOFT		635.16				
	2 720 73727		IT FUND	SFTW UTIL		519.68				
							1,154.84			
						CHECK TOTAL	1,154.84			

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY							
VENDOR	REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK	
638 PROTEX CENTRAL, INC.	0001		INV	03/30/2025	159690				
ACCOUNT DETAIL					LINE AMOUNT				
1 270 72720		MUSEUM	RM-BLDG		110.00				110.00
638 PROTEX CENTRAL, INC.	0001		INV	04/09/2025	159575				
ACCOUNT DETAIL					LINE AMOUNT				
1 260 74235		ARPA FUNDS	ARPA FUNDS		53,390.08				53,390.08
					CHECK TOTAL	53,500.08			
454 QUICK MED CLAIMS LLC	0001		INV	03/30/2025	INV40814				
ACCOUNT DETAIL					LINE AMOUNT				
1 10006041 72042		AMBULANCE	BILL SVC		4,914.02				4,914.02
					CHECK TOTAL	4,914.02			
378 REAL TIME TRANSLATION	0001		INV	04/03/2025	118787				
ACCOUNT DETAIL					LINE AMOUNT				
1 10005031 72030		POLICE	PROF SERV		94.50				94.50
					CHECK TOTAL	94.50			
611 RUSS'S MARKET	0001		INV	03/27/2025	18623				
ACCOUNT DETAIL					LINE AMOUNT				
1 230 72054		LIB GRANT	LIB PROG		13.99				13.99
					CHECK TOTAL	13.99			
657 SAPP BROTHERS PETROLE	0001		INV	03/19/2025	IN4677697				
ACCOUNT DETAIL					LINE AMOUNT				
1 610 73126		LANDFILL	FUEL/OIL		1,033.30				1,033.30
657 SAPP BROTHERS PETROLE	0001		INV	03/26/2025	IN4683552				
ACCOUNT DETAIL					LINE AMOUNT				
1 610 73126		LANDFILL	FUEL/OIL		840.60				840.60

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010				CASH IN BANK - CITY							
VENDOR				REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
657	SAPP BROTHERS PETROLE			0001		INV	03/15/2025	IN4673714			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 280 73126				STREET	FUEL/OIL			1,899.04		
									1,899.04		
657	SAPP BROTHERS PETROLE			0001		INV	03/19/2025	IN4677700			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 280 73126				STREET	FUEL/OIL			1,520.10		
									1,520.10		
657	SAPP BROTHERS PETROLE			0001		INV	03/12/2025	IN4669805			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 280 73126				STREET	FUEL/OIL			4,278.92		
									4,278.92		
657	SAPP BROTHERS PETROLE			0001		INV	03/22/2025	IN4680431			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 280 73126				STREET	FUEL/OIL			1,507.00		
									1,507.00		
657	SAPP BROTHERS PETROLE			0001		INV	03/20/2025	IN4678164			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 280 73126				STREET	FUEL/OIL			1,186.03		
									1,186.03		
								CHECK TOTAL	12,264.99		
2075	BETTY SAYERS			0001		INV	03/31/2025	BUZZ 3.2025			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 270 44311				MUSEUM	CONSIGNMNT			24.00		
									24.00		
								CHECK TOTAL	24.00		
2270	ETTA KATHERINE SCHREI			0001		INV	03/25/2025	022325			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 10003024 72052				PR-REC	CL-YOUTH			150.00		
									150.00		
								CHECK TOTAL	150.00		
451	SCIENS CONSULTING			0001		INV	03/30/2025	221052			
	ACCOUNT DETAIL							LINE AMOUNT			
	1 10009000 72013				OTHER-GOVERP FEES				6,825.00		
									6,825.00		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY				INVOICE	AMOUNT	VOUCHER	CHECK
VENDOR		REMIT	PO	TYPE	DUE DATE				
						CHECK TOTAL	6,825.00		
1286	SERVI-TECH, INC.	0001		INV	04/03/2025	H-992429			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10007052 73006		SW MGMT	SAMP SUPP		888.00			
						CHECK TOTAL	888.00		
21	SHERWIN-WILLIAMS	0001		INV	03/27/2025	9604-3			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 280 73160		STREET	SIGNS		53.43			
						CHECK TOTAL	53.43		
2266	JACY SOTO	0001		INV	03/25/2025	022325			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003024 72052		PR-REC	CL-YOUTH		150.00			
						CHECK TOTAL	150.00		
574	SPRING FRESH CLEANING	0001		INV	03/28/2025	4192			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10004000 72720		LIBRARY	RM-BLDG		6,300.00			
	2 10004000 73720		LIBRARY	SUPP-BM		110.05			
						CHECK TOTAL	6,410.05		
153	STATE FIRE MARSHAL TR	0001		INV	03/28/2025	3314			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006040 72035		FIRE	TRAIN/CONF		50.00			
						CHECK TOTAL	50.00		
125	STATE OF NE - DAS STA	0001		INV	03/23/2025	1468185			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005030 72620		911	TELEPHONE		844.80			
						CHECK TOTAL	844.80		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

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CASH ACCOUNT: 999 11010		CASH IN BANK - CITY							
VENDOR		REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
547	THE EMBLEM AUTHORITY	0001		INV	03/28/2025	48123			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005031 73170		POLICE	WEARING		545.00			
							545.00		
						CHECK TOTAL	545.00		
150	THOMSON REUTERS - WES	0001		INV	03/31/2025	851562054			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10001012 72905		ATTORNEY	DUE/SUBS		737.61			
							737.61		
						CHECK TOTAL	737.61		
23	TERRY HAINES	0001		INV	03/26/2025	1132			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003022 72750		PR-PARKS	RM-HEAVY		399.00			
							399.00		
						CHECK TOTAL	399.00		
334	TRANSUNION RISK & ALT	0001		INV	03/31/2025	569373-202502-1			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005031 72030		POLICE	PROF SERV		191.40			
							191.40		
						CHECK TOTAL	191.40		
95	TYLER TECHNOLOGIES, I	0001		INV	03/21/2025	045-506666			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10009000 74356		OTHER-GOVT	COMP SOFT		3,500.00			
							3,500.00		
						CHECK TOTAL	3,500.00		
698	ULINE	0001		INV	02/20/2025	188147870			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005031 73850		POLICE	FIELD EQ		501.49			
							501.49		
						CHECK TOTAL	501.49		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

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CHECK RUN: 250324 03/24/2025

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CASH ACCOUNT: 999 11010		CASH IN BANK - CITY							
VENDOR		REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
1476	UNITED TACTICAL SYSTE	0001		INV	03/30/2025	0095685-IN			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005031 73850		POLICE	FIELD EQ		1,834.00			
							1,834.00		
						CHECK TOTAL	1,834.00		
294	US BANK	0001		INV	03/26/2025	QRFS			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 25500040 74370		FIRE GRANT TOOLS			101.78			
							101.78		
294	US BANK	0001		INV	03/22/2025	QUIKTRIP			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006041 72035		AMBULANCETRAIN/CONF			50.00			
							50.00		
294	US BANK	0001		INV	03/18/2025	CENEX			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006041 72035		AMBULANCETRAIN/CONF			66.65			
							66.65		
294	US BANK	0001		INV	03/22/2025	HOLIDAY INN			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006041 72035		AMBULANCETRAIN/CONF			490.68			
							490.68		
294	US BANK	0001		INV	03/22/2025	HOLIDAY INN			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006041 72035		AMBULANCETRAIN/CONF			490.68			
							490.68		
294	US BANK	0001		INV	03/22/2025	EILEEN'S COOKIES			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 230 72735		LIB GRANT	GRANT EXP		5.25			
							5.25		
294	US BANK	0001		INV	03/26/2025	BRICK CITY			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10004000 73005		LIBRARY	LIB MAKER		62.00			
							62.00		
294	US BANK	0001		INV	03/22/2025	BRICK CITY			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10004000 73005		LIBRARY	LIB MAKER		114.00			
							114.00		

CITY OF HASTINGS

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CASH ACCOUNT: 999 11010		CASH IN BANK - CITY							
VENDOR		REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
294	US BANK	0001		INV	03/30/2025	NREMT			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006041 72030		AMBULANCEPROF SERV			32.00			
							32.00		
294	US BANK	0001		INV	03/17/2025	SIGNUPGENIUS			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006040 72905		FIRE DUE/SUBS			107.89			
							107.89		
294	US BANK	0001		INV	03/21/2025	ETI ONLINE			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006040 72035		FIRE TRAIN/CONF			105.00			
							105.00		
294	US BANK	0001		INV	04/02/2025	AMAZON WEB SERVICES			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 720 73725	IT FUND	COMPT SOFT			45.17			
	2 720 73727	IT FUND	SFTW UTIL			36.95			
							82.12		
294	US BANK	0001		INV	04/02/2025	GOOGLE			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 720 73725	IT FUND	COMPT SOFT			47.52			
	2 720 73727	IT FUND	SFTW UTIL			38.88			
							86.40		
294	US BANK	0001		INV	04/02/2025	SINCH MAILJET			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 720 73727	IT FUND	SFTW UTIL			27.00			
							27.00		
294	US BANK	0001		INV	04/04/2025	TAM INTELLIWARE			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 720 73725	IT FUND	COMPT SOFT			95.00			
							95.00		
294	US BANK	0001		INV	03/01/2025	HOME DEPOT			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 280 72780	STREET	RM-VEH			226.96			
							226.96		
294	US BANK	0001		INV	03/23/2025	TEAMCO			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 280 72750	STREET	RM-HEAVY			279.48			
							279.48		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY							
VENDOR		REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
294	US BANK	0001		INV	03/30/2025	TEAMCO			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 280 72750		STREET	RM-HEAVY		69.50	69.50		
294	US BANK	0001		INV	04/04/2025	NEMSA			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10006041 72905		AMBULANCEDUE/SUBS			710.00	710.00		
294	US BANK	0001		INV	03/30/2025	STAMPS.CPM SF02.25			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 270 72760		MUSEUM	RM-OFFICE		29.99	29.99		
294	US BANK	0001		INV	03/21/2025	FUN.COM 28036369			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 270 73146		MUSEUM	ED EXP		18.99			
	2 270 73723		MUSEUM	SUPP-EX		48.38	67.37		
294	US BANK	0001		INV	03/22/2025	PROF PUZZLE FFQ8P6MA			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 270 73122		MUSEUM	STORE MERC		203.52	203.52		
294	US BANK	0001		INV	03/26/2025	NE MUSEUM 9C146134DW			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 270 72905		MUSEUM	DUE/SUBS		15.00	15.00		
294	US BANK	0001		INV	03/21/2025	CREATIVE VKN6E6VG34			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 270 73122		MUSEUM	STORE MERC		407.80	407.80		
						CHECK TOTAL	3,926.07		
160	VAN DIEST SUPPLY COMP	0001		INV	03/28/2025	196961			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003022 73115		PR-PARKS	CHEMICAL		989.25	989.25		
160	VAN DIEST SUPPLY COMP	0001		INV	03/28/2025	196962			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003022 73115		PR-PARKS	CHEMICAL		2,344.00			

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025

DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY							
VENDOR		REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
							2,344.00		
						CHECK TOTAL	3,333.25		
2304	VESTIS	0001		INV	03/26/2025	6280473794			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 610 73170		LANDFILL	WEARING			6.15		
	2 610 72720		LANDFILL	RM-BLDG			24.24		
							30.39		
2304	VESTIS	0001		INV	03/28/2025	6280474916			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005031 73720		POLICE	SUPP-BM			35.00		
							35.00		
						CHECK TOTAL	65.39		
179	WAL-MART COMMUNITY	0001		INV	03/30/2025	02735			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005030 73001		911	OFF SUPP			10.64		
							10.64		
179	WAL-MART COMMUNITY	0001		INV	03/30/2025	02734			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10005031 72030		POLICE	PROF SERV			78.08		
	2 10005031 72780		POLICE	RM-VEH			75.65		
							153.73		
179	WAL-MART COMMUNITY	0001		INV	03/15/2025	656689308			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 280 73140		STREET	OTHER SUPP			13.63		
							13.63		
179	WAL-MART COMMUNITY	0001		INV	03/29/2025	02399			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 270 73146		MUSEUM	ED EXP			5.15		
							5.15		
						CHECK TOTAL	183.15		
112	WILLIAMS EXTERMINATIN	0001		INV	03/31/2025	62183			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003020 72720		PR-AUD	RM-BLDG			46.00		
							46.00		
						CHECK TOTAL	46.00		

CITY OF HASTINGS



ACCOUNTS PAYABLE CHECK RUN REPORT

Detail Invoice List

CHECK RUN: 250324 03/24/2025
DUE DATE: 03/24/2025

CASH ACCOUNT: 999 11010		CASH IN BANK - CITY							
VENDOR		REMIT	PO	TYPE	DUE DATE	INVOICE	AMOUNT	VOUCHER	CHECK
2091	WINZER CORPORATION	0001		INV	01/15/2025	2826007			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003022 72720		PR-PARKS	RM-BLDG			122.97		
2091	WINZER CORPORATION	0001		INV	01/17/2025	2836063			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 10003022 72720		PR-PARKS	RM-BLDG			90.80		
						CHECK TOTAL	90.80		
							213.77		
726	WOODWARD'S DISPOSAL S	0001		INV	03/26/2025	9246-610			
	ACCOUNT DETAIL					LINE AMOUNT			
	1 211 72915		BID	OTHER			30.00		
						CHECK TOTAL	30.00		
							30.00		
							30.00		
299	INVOICES								
						WARRANT TOTAL	788,551.25		
						CASH ACCOUNT BALANCE	788,551.25		
							0.00		

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

Check Run Summary

CHECK RUN: 250324 03/24/2025
DUE DATE: 03/24/2025

FUND	ORG	ACCOUNT	AMOUNT	AVLB BUDGET
100	100	GENERAL FUND		
100	10001010	ADMIN - CITY ADMINIST	172.27	0.00
100	10001010	ADMIN - CITY ADMINIST	84.15	565,186.02
100	10001011	ADMIN - HR	985.42	565,186.02
100	10001011	ADMIN - HR	463.45	399,989.72
100	10001011	ADMIN - HR	4.91	399,989.72
100	10001011	ADMIN - HR	55.12	399,989.72
100	10001012	ADMIN - CITY ATTORNEY	737.61	175,057.27
100	10001013	ADMIN - FINANCE	227.20	670,876.45
100	10001015	ADMIN - CLERK	928.57	160,289.56
100	10002000	DEVELOPMENT SERVICES	19.98	741,636.55
100	10002000	DEVELOPMENT SERVICES	98.19	741,636.55
100	10002000	DEVELOPMENT SERVICES	246.85	741,636.55
100	10002000	DEVELOPMENT SERVICES	597.39	741,636.55
100	10003020	PARKS & REC - AUDITOR	46.00	130,310.35
100	10003020	PARKS & REC - AUDITOR	1,776.26	130,310.35
100	10003020	PARKS & REC - AUDITOR	209.99	130,310.35
100	10003020	PARKS & REC - AUDITOR	10,250.00	130,310.35
100	10003021	PARKS & REC - CEMETER	20.83	823,958.40
100	10003021	PARKS & REC - CEMETER	258.09	823,958.40
100	10003021	PARKS & REC - CEMETER	144.89	823,958.40
100	10003021	PARKS & REC - CEMETER	132.00	823,958.40
100	10003021	PARKS & REC - CEMETER	2,704.01	823,958.40
100	10003022	PARKS & REC - PARKS	454.38	1,715,876.59
100	10003022	PARKS & REC - PARKS	4,391.15	1,715,876.59
100	10003022	PARKS & REC - PARKS	2,491.17	1,715,876.59
100	10003022	PARKS & REC - PARKS	3,375.62	1,715,876.59
100	10003022	PARKS & REC - PARKS	38.53	1,715,876.59
100	10003022	PARKS & REC - PARKS	3,333.25	1,715,876.59
100	10003022	PARKS & REC - PARKS	2,355.53	1,715,876.59
100	10003022	PARKS & REC - PARKS	106.43	1,715,876.59
100	10003022	PARKS & REC - PARKS	336.60	1,715,876.59
100	10003023	PARKS & REC - WATER P	120.00	515,689.85
100	10003023	PARKS & REC - WATER P	16,560.00	515,689.85
100	10003024	PARKS & REC - RECREAT	1,230.00	132,942.21
100	10004000	LIBRARY	19.98	1,053,741.42
100	10004000	LIBRARY	6,300.00	1,053,741.42
100	10004000	LIBRARY	2,160.28	1,053,741.42
100	10004000	LIBRARY	15.75	1,053,741.42
100	10004000	LIBRARY	251.24	1,053,741.42
100	10004000	LIBRARY	176.00	1,053,741.42

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

100	10004000	LIBRARY	100-40-040-00-0000-00000-73012-
100	10004000	LIBRARY	100-40-040-00-0000-00000-73720-
100	10005030	POLICE - 911 CENTER	100-20-050-30-0000-00000-72035-
100	10005030	POLICE - 911 CENTER	100-20-050-30-0000-00000-72620-
100	10005030	POLICE - 911 CENTER	100-20-050-30-0000-00000-73001-
100	10005031	POLICE	100-20-050-31-0000-00000-72030-
100	10005031	POLICE	100-20-050-31-0000-00000-72035-
100	10005031	POLICE	100-20-050-31-0000-00000-72105-
100	10005031	POLICE	100-20-050-31-0000-00000-72720-
100	10005031	POLICE	100-20-050-31-0000-00000-72728-
100	10005031	POLICE	100-20-050-31-0000-00000-72780-
100	10005031	POLICE	100-20-050-31-0000-00000-73136-
100	10005031	POLICE	100-20-050-31-0000-00000-73170-
100	10005031	POLICE	100-20-050-31-0000-00000-73720-
100	10005031	POLICE	100-20-050-31-0000-00000-73850-
100	10006040	FIRE	100-20-060-40-0000-00000-72035-
100	10006040	FIRE	100-20-060-40-0000-00000-72720-
100	10006040	FIRE	100-20-060-40-0000-00000-72728-
100	10006040	FIRE	100-20-060-40-0000-00000-72770-
100	10006040	FIRE	100-20-060-40-0000-00000-72780-
100	10006040	FIRE	100-20-060-40-0000-00000-72905-
100	10006040	FIRE	100-20-060-40-0000-00000-73001-
100	10006040	FIRE	100-20-060-40-0000-00000-73115-
100	10006040	FIRE	100-20-060-40-0000-00000-73720-
100	10006040	FIRE	100-20-060-40-0000-00000-74120-
100	10006041	FIRE - AMBULANCE	100-20-060-41-0000-00000-72030-
100	10006041	FIRE - AMBULANCE	100-20-060-41-0000-00000-72035-
100	10006041	FIRE - AMBULANCE	100-20-060-41-0000-00000-72042-
100	10006041	FIRE - AMBULANCE	100-20-060-41-0000-00000-72780-
100	10006041	FIRE - AMBULANCE	100-20-060-41-0000-00000-72905-
100	10006041	FIRE - AMBULANCE	100-20-060-41-0000-00000-73135-
100	10006041	FIRE - AMBULANCE	100-20-060-41-0000-00000-73850-
100	10007052	PW - STORM WATER MGMT	100-30-070-52-0000-00000-72305-
100	10007052	PW - STORM WATER MGMT	100-30-070-52-0000-00000-73006-
100	10008000	AIRPORT	100-30-080-00-0000-00000-72720-
100	10008000	AIRPORT	100-30-080-00-0000-00000-72728-
100	10009000	OTHER GOV'T ACCOUNTS	100-10-090-00-0000-00000-72013-
100	10009000	OTHER GOV'T ACCOUNTS	100-10-090-00-0000-00000-72021-
100	10009000	OTHER GOV'T ACCOUNTS	100-10-090-00-0000-00000-72810-
100	10009000	OTHER GOV'T ACCOUNTS	100-10-090-00-0000-00000-74120-
100	10009000	OTHER GOV'T ACCOUNTS	100-10-090-00-0000-00000-74356-

LIBRARY COLLECTION	593.85	1,053,741.42
BUILDING MAINTENANCE	110.05	1,053,741.42
TRAINING/CONFERENCES	400.00	945,672.69
TELEPHONE	844.80	945,672.69
OFFICE SUPPLIES	10.64	945,672.69
PROFESSIONAL SERVICES	1,565.99	4,085,855.62
TRAINING/CONFERENCES	648.85	4,085,855.62
POSTAGE	14.56	4,085,855.62
R & M BUILDINGS	1,150.50	4,085,855.62
BUILDING MAINTENANCE	1,407.74	4,085,855.62
R & M VEHICLES	1,490.82	4,085,855.62
K-9 UNIT	19.96	4,085,855.62
WEARING APPAREL	3,637.22	4,085,855.62
BUILDING MAINTENANCE	35.00	4,085,855.62
FIELD EQUIPMENT	2,347.24	4,085,855.62
TRAINING/CONFERENCES	155.00	2,923,376.77
R & M BUILDINGS	106.80	2,923,376.77
BUILDING MAINTENANCE	1,582.59	2,923,376.77
R & M TOOLS & MISC. E	132.00	2,923,376.77
R & M VEHICLES	10,670.53	2,923,376.77
DUES & SUBSCRIPTIONS	767.89	2,923,376.77
OFFICE SUPPLIES	152.58	2,923,376.77
CHEMICALS	702.00	2,923,376.77
BUILDING MAINTENANCE	395.15	2,923,376.77
BUILDING IMPROVEMENTS	608.28	2,923,376.77
PROFESSIONAL SERVICES	32.00	91,921.42
TRAINING/CONFERENCES	1,098.01	91,921.42
BILLING/COLLECTION SE	4,914.02	91,921.42
R & M VEHICLES	4.99	91,921.42
DUES & SUBSCRIPTIONS	710.00	91,921.42
MEDICAL SUPPLIES	3,051.34	91,921.42
FIELD EQUIPMENT	496.73	91,921.42
ADVERTISING	440.00	50,163.96
SAMPLING SUPPLIES	888.00	50,163.96
R & M BUILDINGS	76.72	999,335.07
BUILDING MAINTENANCE	4,890.41	999,335.07
ERP CONSULTANT FEES	6,825.00	999,335.07
LOBBYIST ACTIVITIES	1,000.00	999,335.07
LANDMARK OFFICE RENT	4,070.00	999,335.07
BUILDING IMPROVEMENTS	196.35	999,335.07
COMPUTER SOFTWARE	3,500.00	999,335.07

FUND TOTAL

125,622.70

CASH ACCOUNT 999 11010

BALANCE .00

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

211	211	BUSINESS IMPROVEMENT	211-50-000-00-0000-00000-72405-
211	211	BUSINESS IMPROVEMENT	211-50-000-00-0000-00000-72915-

CASH ACCOUNT	999 11010	BALANCE	.00
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230	230	LIBRARY GRANT	230-40-000-00-0000-00000-72054-
230	230	LIBRARY GRANT	230-40-000-00-0000-00000-72735-

CASH ACCOUNT	999 11010	BALANCE	.00
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236	236	PARKS/REC SALES TAX	236-40-000-00-0000-00000-74229-
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CASH ACCOUNT	999 11010	BALANCE	.00
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255	25500040	PS GRANT - FIRE	255-20-000-40-0000-00000-74370-
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CASH ACCOUNT	999 11010	BALANCE	.00
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260	260	ARPA FUNDS	260-10-000-00-0000-00000-74235-
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CASH ACCOUNT	999 11010	BALANCE	.00
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270	270	MUSEUM	270-40-000-00-0000-00000-44311-
270	270	MUSEUM	270-40-000-00-0000-00000-72305-
270	270	MUSEUM	270-40-000-00-0000-00000-72410-
270	270	MUSEUM	270-40-000-00-0000-00000-72605-
270	270	MUSEUM	270-40-000-00-0000-00000-72610-
270	270	MUSEUM	270-40-000-00-0000-00000-72615-
270	270	MUSEUM	270-40-000-00-0000-00000-72625-
270	270	MUSEUM	270-40-000-00-0000-00000-72720-
270	270	MUSEUM	270-40-000-00-0000-00000-72728-
270	270	MUSEUM	270-40-000-00-0000-00000-72750-
270	270	MUSEUM	270-40-000-00-0000-00000-72760-
270	270	MUSEUM	270-40-000-00-0000-00000-72905-
270	270	MUSEUM	270-40-000-00-0000-00000-73121-
270	270	MUSEUM	270-40-000-00-0000-00000-73122-
270	270	MUSEUM	270-40-000-00-0000-00000-73146-
270	270	MUSEUM	270-40-000-00-0000-00000-73720-
270	270	MUSEUM	270-40-000-00-0000-00000-73722-
270	270	MUSEUM	270-40-000-00-0000-00000-73723-

PRINTING	5.19	58,259.64
OTHER (UTIL/TRASH)	210.45	58,259.64

FUND TOTAL	215.64	
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LIBRARY PROGRAMS	326.07	449,557.05
GRANT EXPENSES	5.25	449,557.05

FUND TOTAL	331.32	
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CAPITAL IMPROVEMENTS/	620.10	2,442,304.80
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FUND TOTAL	620.10	
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TOOLS & MISCELLANEOUS	585.56	730,159.72
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FUND TOTAL	585.56	
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ARPA FUNDS PROJECTS	53,390.08	65,432.12
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FUND TOTAL	53,390.08	
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MUSEUM CONSIGNMENT SA	98.85	0.00
ADVERTISING	430.00	1,139,516.17
FILM PRINT COST	35.00	1,139,516.17
ELECTRICITY	8,228.12	1,139,516.17
NATURAL GAS	252.54	1,139,516.17
SEWER	48.77	1,139,516.17
WATER	239.41	1,139,516.17
R & M BUILDINGS	226.95	1,139,516.17
BUILDING MAINTENANCE	8,665.74	1,139,516.17
R & M HEAVY MACHINERY	1,033.50	1,139,516.17
R & M OFFICE EQUIPMEN	29.99	1,139,516.17
DUES & SUBSCRIPTIONS	15.00	1,139,516.17
CONCESSIONS FOR RESAL	1,036.25	1,139,516.17
STORE MERCHANDISE	4,618.32	1,139,516.17
EDUCATIONAL EXPENSES	191.43	1,139,516.17
BUILDING MAINTENANCE	-29.39	1,139,516.17
COLLECTIONS SUPPLIES	-65.52	1,139,516.17
EXHIBIT SUPPLIES	168.38	1,139,516.17

CITY OF HASTINGS

ACCOUNTS PAYABLE CHECK RUN REPORT

				FUND TOTAL	25,223.34	
CASH ACCOUNT 999 11010 BALANCE .00						
280	280	STREET FUND	280-30-000-00-0000-00000-72030-	PROFESSIONAL SERVICES	2,750.00	2,152,856.03
280	280	STREET FUND	280-30-000-00-0000-00000-72720-	R & M BUILDINGS	119.00	2,152,856.03
280	280	STREET FUND	280-30-000-00-0000-00000-72728-	BUILDING MAINTENANCE	1,161.38	2,152,856.03
280	280	STREET FUND	280-30-000-00-0000-00000-72750-	R & M HEAVY MACHINERY	7,463.94	2,152,856.03
280	280	STREET FUND	280-30-000-00-0000-00000-72780-	R & M VEHICLES	1,086.25	2,152,856.03
280	280	STREET FUND	280-30-000-00-0000-00000-72915-	OTHER	79.37	2,152,856.03
280	280	STREET FUND	280-30-000-00-0000-00000-73001-	OFFICE SUPPLIES	9.98	2,152,856.03
280	280	STREET FUND	280-30-000-00-0000-00000-73126-	FUEL & OIL	10,391.09	2,152,856.03
280	280	STREET FUND	280-30-000-00-0000-00000-73140-	OTHER SUPPLIES	266.35	2,152,856.03
280	280	STREET FUND	280-30-000-00-0000-00000-73155-	SAND & GRAVEL	3,429.57	2,152,856.03
280	280	STREET FUND	280-30-000-00-0000-00000-73160-	SIGNS	53.43	2,152,856.03
280	280	STREET FUND	280-30-000-00-0000-00000-73733-	ENGINEERING SUPPORT	90,050.17	2,152,856.03
280	280	STREET FUND	280-30-000-00-0000-00000-73771-	WELDING SUPPLIES	54.84	2,152,856.03
280	280	STREET FUND	280-30-000-00-0000-00000-73772-	SHOP SUPPLIES	66.44	2,152,856.03
				FUND TOTAL	116,981.81	
CASH ACCOUNT 999 11010 BALANCE .00						
285	285	CONSTRUCTION PROJECTS	285-30-000-00-0000-00000-74229-	CAPITAL IMPROVEMENTS/	442,421.26	2,252,511.93
				FUND TOTAL	442,421.26	
CASH ACCOUNT 999 11010 BALANCE .00						
610	610	LANDFILL FUND	610-60-000-00-0000-00000-72720-	R & M BUILDINGS	24.24	1,732,428.81
610	610	LANDFILL FUND	610-60-000-00-0000-00000-72728-	BUILDING MAINTENANCE	561.65	1,732,428.81
610	610	LANDFILL FUND	610-60-000-00-0000-00000-72750-	R & M HEAVY MACHINERY	201.09	1,732,428.81
610	610	LANDFILL FUND	610-60-000-00-0000-00000-72780-	R & M VEHICLES	26.20	1,732,428.81
610	610	LANDFILL FUND	610-60-000-00-0000-00000-73001-	OFFICE SUPPLIES	55.71	1,732,428.81
610	610	LANDFILL FUND	610-60-000-00-0000-00000-73126-	FUEL & OIL	1,873.90	1,732,428.81
610	610	LANDFILL FUND	610-60-000-00-0000-00000-73170-	WEARING APPAREL	6.15	1,732,428.81
610	610	LANDFILL FUND	610-60-000-00-0000-00000-74229-	CAPITAL IMPROVEMENTS/	570.33	1,732,428.81
				FUND TOTAL	3,319.27	
CASH ACCOUNT 999 11010 BALANCE .00						
720	720	IT FUND	720-10-000-00-0000-00000-73001-	OFFICE SUPPLIES	20.11	2,519,825.49
720	720	IT FUND	720-10-000-00-0000-00000-73725-	COMPUTER SFTW/SVCS-CI	9,781.10	2,519,825.49
720	720	IT FUND	720-10-000-00-0000-00000-73727-	COMPUTER SFTW/SVCS-UT	988.85	2,519,825.49
720	720	IT FUND	720-10-000-00-0000-00000-74355-	COMPUTER EQUIPMENT-CI	6,835.49	2,519,825.49
720	720	IT FUND	720-10-000-00-0000-00000-74357-	COMPUTER EQUIPMENT-UT	2,214.62	2,519,825.49

ACCOUNTS PAYABLE CHECK RUN REPORT

CASH ACCOUNT 999 11010	BALANCE .00	FUND TOTAL	19,840.17
		WARRANT SUMMARY TOTAL	788,551.25
		GRAND TOTAL	788,551.25

Distribution Register by Check

From CK# 517215-517332 and ACH# 6053665-6053676

From Ck Date: 03/7/25-3/17/25

Check#	Vendor	Vendor Name	Invoice #	Invoice Description	ORG	OBJECT	Payment Amt
517215	1301	SOUTHERN POWER DISTRICT	4908002 022825	MAXON AVE POWER	54069404	56000	\$2,519.61
				Total Vendor:			\$2,519.61
517216	725	VERIZON WIRELESS	6106739399	CELL PHONE SERVICE	51000405	92100	\$629.68
					52000405	92100	\$1,389.10
					53000405	92100	\$658.39
					54000405	92100	\$40.01
					56000405	92100	\$720.63
					56100405	92100	\$795.39
					56200405	95622	\$129.48
					80700402	50600	\$275.48
				Total Vendor:			\$4,638.16
517217	715	ADAMS COUNTY REGISTER OF DEEDS	022725 ADAMS CO	LEINS & EASEMENTS	52000100	54040	\$22.00
				Total Vendor:			\$22.00
517218	716	AIRGAS USA, LLC	5513618217	JAN CYLINDER RENTAL	52062402	51280	\$146.14
			5513618230	MISC 999 - JAN CYLINDER RENTAL	52062402	51280	\$311.68
					80700402	51280	\$91.14
			5514349786	FEB CYLINDER RENTAL	52062402	51280	\$137.32
			5514349942	MISC 999 - FEB CYLINDER RENTAL	52062402	51280	\$346.96
					80700402	51280	\$82.32
			9157729563	E02NI99T15W0016	52062402	51280	\$4,469.35
			9158865112	E02NI99T15W0017	52062402	51280	\$1,461.00
				Total Vendor:			\$7,045.91
517219	2065	ALLIED VALVE INC	496194	SWITCH, GASKET	52062402	51100	\$1,921.09
				Total Vendor:			\$1,921.09
517220	1567	ALVINE & ASSOCIATES INC	63517	CONTROL ROOM HVAC REPLACEMENT	52000100	54040	\$2,659.50
				Total Vendor:			\$2,659.50
517221	402	AMAZON CAPITAL SERVICES	1633-D3TW-33FV	UGLY'S ELECT REFERENCES	56200405	95622	\$41.46
			16NV-QX73-0746	POCKET THERM, INFRARED THERM	56200405	95628	\$58.81
			19N3-V4QK-1144	PENS, LEAD REFILLS	56100405	92100	\$52.06
			1D9R-P11L-40M4	LABEL PRINTERS	52064401	56710	\$22.75
			1DMX-MKXN-4101	GUAGE GLASS FLOAT BALLS	54068401	57026	\$93.85
			1F7X-Y3YN-714F	VACUUM PUMP	54068401	58001	\$278.49
			1HNX-7TJ6-0800	WATER HOSE NOZZLE, TOLIET SEAT	54068401	58000	\$92.06
			1LXV-GWMV-7000	REAR VIEW MIRROR CAMERA	54068401	57031	\$199.99
			1VQF-4FY1-1175	BATTERIS, TRASH BAGS, TRASH CAN	54068401	58000	\$107.06
			1XRX-39TJ-4V37	TUBING CUTTER	54068401	57026	\$19.58
			1YYQ-X1VM-1175	MISC 999 - THERMAL SENSOR	80800402	51300	\$339.90
			1YYQ-X1VVM-1175	MISC 999 - THERMAL SENSOR	80800402	51300	\$339.90
				Total Vendor:			\$1,645.91
517222	886	ATLAS COPCO COMPRESSORS LLC	1125020829	O-RING	52061402	51406	\$34.39
				Total Vendor:			\$34.39
517223	707	AUTO VALUE-HASTINGS	70NV138560	CATALYTIC CONVERTER	56000405	92275	\$1,162.27
			70NV138950	BOXED CLAMP	51000405	92275	\$1.63
			70NV139018	LEAD 1/4OZ	56000405	93111	\$8.75
			70NV139073	LAMP	56000405	92275	\$27.77
			70NV139189	PREMIXED	51000405	92275	\$32.36
			70NV139248	TWIST APPLICATOR	52000405	93927	\$38.50
			70NV139272	MINATURE LAMP	56000405	92275	\$5.56

Distribution Register by Check

		70NV139343	DEF	52000405	93927	\$20.33
		70NV139407	GREASE	52061402	51104	\$46.78
			Total Vendor:			\$1,343.95
517224	709 BIG G ACE	750567/1	COMBO WRENCH, BAL END HEX, 1/2" COM	52061402	51104	\$61.90
		750625/1	MISC 999 - VELCRO STICKY, FLY	80700402	50600	\$25.98
		750631/1	SCREWDRIVER, DRILLDRIVER KIT	51000404	58000	\$317.29
		750639/1	CONCRETE PENCIL VIBR, BATTERY	51000404	58000	\$680.18
		750772/1	THREADED SEALTAPE, GRAY PAINT	56000405	93110	\$1,037.22
		750834/1	MISC 999 - FOAM TAPE	80900402	50600	\$11.81
		750842/1	SHIELD DOOR, GRINDER	51000404	58000	\$162.80
		750859/1	MLW DRIVR BIT SET	52064401	56710	\$46.78
		750941/1	MISC 999 - RCIP BLADE, BLADE ST	80900402	50600	\$107.41
		750966/1	WALL MT SPRY PNT	52065402	59300	\$6.36
		750989/1	MISC 999 - GRNT HMR BIT	80900402	50600	\$8.44
		751124/1	MISC 999 - FILTER PLT	80800402	51100	\$115.44
			Total Vendor:			\$2,581.61
517225	1108 BORDER STATES	929929904	OPERATOR-ONLY EXT LEG	54000100	54040	\$110.58
		929929906	LED GREEN PILOT	54000100	54040	\$349.66
		929971521	GND SET	52064401	56710	\$657.80
		929986370	MISC 999 - RECEPTACLE	80900402	50150	\$571.69
		929996506	2H LUG	52065402	59300	\$283.71
			Total Vendor:			\$1,973.44
517226	2145 BUILDING CRAFTS INC	60651	AERATION BASIN EQUIPMENT	54000100	54040	\$130,903.00
			Total Vendor:			\$130,903.00
517227	2321 C.L. SMITH INDUSTRIAL COMPANY	62606	MISC 999 - CERAMIC TILE	80700402	51200	\$1,190.92
			Total Vendor:			\$1,190.92
517228	579 CENTRAL NE EQUIPMENT, LLC	253077	MISC 999 - PSI HOSE	80900402	50600	\$155.79
			Total Vendor:			\$155.79
517229	673 CHARTER COMMUNICATIONS	17621950103012 5	PHONE & INTERNET SERVICE	56000405	92100	\$1,201.77
				56100405	92100	\$90.00
			Total Vendor:			\$1,291.77
517230	2515 CHRISTIANCY, PAYTON	022825 CHRISTIANCY	CDL PERMIT REIMB	51000405	93000	\$16.25
			Total Vendor:			\$16.25
517231	934 CINTAS CORPORATION	4222555678	MISC 999 - UNIFORM SERVICE	80700402	92700	\$404.00
		4222556037	UNIFORM SERVICE	52000405	92700	\$456.22
				54000405	92700	\$83.33
				56000405	92700	\$9.23
		4223153318	MISC 999 - UNIFORM SERVICE	80700402	92700	\$356.95
		4223153661	UNIFORM SERVICE	52000405	92700	\$456.21
				54000405	92700	\$83.33
				56000405	92700	\$9.23
			Total Vendor:			\$1,858.50
517232	581 CITY OF HASTINGS	030725	US EPA AREA WIDE PMT	53000405	92300	\$210.03
		045-506666	TYLER TECH - K. HOEFLOCK	56000100	54040	\$2,275.00
		221052	SCIENS CONSULTING - FEB MAN	56000100	54040	\$4,436.25
		5450	CITY ATTORNEY, CITY ADMIN	56000405	92300	\$10,903.75
		5452	POSTAGE	56000405	91655	\$96.60
			Total Vendor:			\$17,921.63
517233	581 CITY OF HASTINGS	479211	WOOD WASTE	52061402	51106	\$8.00
		480030	SEWER LINE GRIT	54067404	56005	\$568.46
		480467	TIRES	56000405	92275	\$198.00
		480476	TIRES	56000405	92275	\$198.00

Distribution Register by Check

						Total Vendor:	\$972.46
517234	645 CONSOLIDATED CONCRETE CO.	304879	ROAD GRAVEL	56000405	90400		\$309.10
		304890	CONCRETE	52000100	54040		\$514.40
				52065402	59400		\$128.61
		304972	CONCRETE	52000100	54040		\$514.40
				52065402	59400		\$128.61
		305033	CRUSHED CONCRETE	54068401	56002		\$2,117.74
		305072	CONCRETE	52000100	54040		\$527.24
				52065402	59400		\$131.82
		305089	CRUSHED CONCRETE	54068401	56002		\$1,254.90
						Total Vendor:	\$5,626.82
517235	645 CONSOLIDATED CONCRETE CO.	304811	CONCRETE	52000100	54040		\$557.28
				52065402	59400		\$171.46
						Total Vendor:	\$728.74
517236	946 CORE & MAIN LP	W381210	LUBE, TAP SLV, TIP GASKET	56000156	15610		\$6,027.86
						Total Vendor:	\$6,027.86
517237	951 CRESCENT ELECTRIC SUPPLY CO.	S512995277.002	TERM LUG	52000156	15610		\$77.90
						Total Vendor:	\$77.90
517238	951 CRESCENT ELECTRIC SUPPLY CO.	S512995277.01	GRD ROD, WIRE, CLEANER	52000156	15610		\$4,317.73
				56000156	15610		\$1,679.14
						Total Vendor:	\$5,996.87
517239	1547 DAKOTA FLUID POWER, INC	7310503	TEE, COUPLING	51000405	92275		\$300.65
						Total Vendor:	\$300.65
517240	2422 DENNIS SUPPLY COMPANY	GI0002067068-001	HEATER FOR NDS	52000100	54040		\$15,662.11
						Total Vendor:	\$15,662.11
517241	966 DEWINE MECHANICAL INC	2025091	R&R UNIT 5 GAS VALVES NDS UNIT 5	52061402	51205		\$3,886.52
		2025092	GRATING REPAIR NDS UNIT 5	52061402	51105		\$649.33
		2025093	R&R COOLING WATER NEW ATLAS COMPRESSOR UNIT 4	52061402	51406		\$1,006.10
		60306	NDS UNIT 5 R & R VALVE STEC-5076	52061402	51205		\$2,289.50
						Total Vendor:	\$7,831.45
517242	969 DITCH WITCH UNDERCON	P46108	PUMP, GAUGE	51000405	92275		\$2,613.94
						Total Vendor:	\$2,613.94
517243	648 DUTTON-LAINSON CO.	908858-3	PVC CAP	52000156	15610		\$439.53
		909120-1	BATTERY BACKUP	52000425	90012		\$6,184.60
		910077-1	MISC 999 - LED EXIT	80700402	51100		\$44.35
		910124-1	MISC 999 - SQUARE BOX, CPLG, HANGER COVER	80700402	51100		\$241.91
		S38879-4	TUNET METERS	52000425	90012		\$29,811.91
		S38879-5	TUNET METERS	52000425	90012		\$3,221.66
						Total Vendor:	\$39,943.96
517244	2090 DVORAK LAW GROUP LLC	100756	LEGAL SERVICES	54000405	92300		\$2,100.00
						Total Vendor:	\$2,100.00
517245	978 EAKES OFFICE EQUIPMENT	INV630712	CONTRACT COPIES	56000405	92100		\$679.63
		INV632844	CLUTCH PLATE	52061401	50606		\$462.90
						Total Vendor:	\$1,142.53
517246	979 ECHO ELECTRIC SUPPLY	S011083905.001	RIGID ALUMINUM CONDUIT	54000100	54040		\$1,416.96
		S011083905.003	UNION ALUM EXP PROOF	54000100	54040		\$1,016.77
		S011083925.001	GROUND ROD, ANCHOR KIT, INSULATED STAPLES	53000100	54040		\$2,514.66
		S011094988.003	WIRE	54000100	54040		\$899.13
						Total Vendor:	\$5,847.52
517247	607 ELECTRIC PUMP INC	029918	FLYGT NT462-4 NON CLOG PUMP 20 HP 460 VOLT 3 PHASE	54069404	57001		\$26,208.12
						Total Vendor:	\$26,208.12

Distribution Register by Check

517248	578 ESSENTIAL SCREENS	2023063315 HU	BACKGROUND CHECKS	52000405	93000	\$38.53
			Total Vendor:			\$38.53
517249	1399 EUROFINS ENVIRONMENT TESTING NORTH CENTRAL, LLC	3100152540	WATER TESTING	52061401	50604	\$86.00
			Total Vendor:			\$86.00
517250	2229 EXPONENTIAL POWER INC	INV099429	VRLA BATTERY, COMPANION KIT	52064402	57011	\$2,558.09
			Total Vendor:			\$2,558.09
517251	678 FASTENAL COMPANY	NEHAS189502	BOLTS	56000156	15610	\$20.20
		NEHAS189524	MISC 999 - BOLTS & STUDS	80700402	51200	\$1,368.50
			Total Vendor:			\$1,388.70
517252	1009 GE POWER SERVICES	91309489	SHIP-HANDLING	52062402	51240	\$30.00
			Total Vendor:			\$30.00
517253	603 GRACE'S LOCKSMITH SERVICE	69188	RECODE RESTROOM LOCK	56000405	92280	\$65.00
			Total Vendor:			\$65.00
517254	681 GRAINGER	9421729642	PHASE MONITOR RELAY	54000100	54040	\$180.12
		9422300930	ELECTRIC WATER HEATER	54068401	57010	\$2,065.88
		9422477118	LCD HOUR METER	54069404	57001	\$70.28
		9426381092	HALF MASK RESPIRATOR	56000405	92700	\$81.90
		942677691	TUBING CUTTER	54068401	57020	\$72.01
		9430294653	ONEHOLE LUG COMP	54068401	58000	\$616.90
		9430535493	ONE HOLE LUG COMP	54068401	57031	\$78.20
		9431027383	HARD HAT HEADLAMP	56000405	92700	\$95.06
		9434527983	PRINTER RIBBON	52000100	54040	\$62.18
			Total Vendor:			\$3,322.53
517255	1042 H D R ENGINEERING INC.	1200700688	PCF AERATION BASIN IMPROVEMENTS	54000100	54040	\$5,240.16
			Total Vendor:			\$5,240.16
517256	1044 HACH COMPANY	14333277	PWD PLW, SOLN	52062401	50200	\$475.49
		14389369	POLE MOUNT	54068401	57024	\$3,190.10
			Total Vendor:			\$3,665.59
517257	682 HANSEN INTERNATIONAL TRUCK, INC.	01P26995	SENSOR	54000405	92275	\$225.36
			Total Vendor:			\$225.36
517258	585 HASTINGS PHYSICAL THERAPY	421580 HU	NEW EMPLOYEE DRUG/PHYSICAL	52000405	93000	\$77.00
			Total Vendor:			\$77.00
517259	652 HASTINGS TRIBUNE	300154083	EMPLOYMENT AD	56000405	93000	\$180.90
		300154120	ADVERTISING	56000405	92100	\$7.77
		300154148	MISC 999 - EMPLOYMENT AD	80700406	93020	\$210.90
		300154150	EMPLOYMENT AD	51000405	93000	\$202.35
		300154161	ADVERTISEMENT FOR BIDS	53000100	54040	\$85.53
			Total Vendor:			\$687.45
517260	2322 JEFF HODGES	031124	Contract Withholding: hu2024-28	540	21105	\$23,379.69
				540	21105	\$24,650.31
			Total Vendor:			\$48,030.00
517261	1060 HOST COFFEE	4970031	MEETING SUPPLIES	56000405	92100	\$98.63
			Total Vendor:			\$98.63
517262	2507 HU CUSTOMER REFUNDS	24901590-03	CUSTOMER REFUND	56000184	18410	\$532.87
			Total Vendor:			\$532.87
517263	2507 HU CUSTOMER REFUNDS	22840302-00	CUSTOMER REFUND	56000184	18410	\$2.34
			Total Vendor:			\$2.34
517264	2507 HU CUSTOMER REFUNDS	10390617-08	CUSTOMER REFUND	56000184	18410	\$55.76
			Total Vendor:			\$55.76
517265	2507 HU CUSTOMER REFUNDS	10381052-34	CUSTOMER REFUND	56000184	18410	\$19.65

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			Total Vendor:			\$19.65
517266	2507 HU CUSTOMER REFUNDS	01011520-30	CUSTOMER REFUND	56000184	18410	\$348.16
			Total Vendor:			\$348.16
517267	2035 INFOSEND INC	282123	DATA PROCESSING, PRINT & MAIL SERVICES	56000405	90300	\$2,371.04
				56000405	90600	\$946.81
				56000405	91655	\$8,226.33
			Total Vendor:			\$11,544.18
517268	576 INTEGRATED SECURITY SOLUTIONS	20250096	FIRE EXTINGUISHER	56000405	92700	\$88.70
			Total Vendor:			\$88.70
517269	1078 INTERSTATE CHEMICAL CO. INC.	602850	SULFURIC ACID	52062401	50500	\$6,363.06
			Total Vendor:			\$6,363.06
517270	1080 IRBY ELECTRICAL DISTRIBUTOR	S014102603.004	METER RISING POST	56000156	15610	\$515.00
		S014157999.005	STEEL PIPE	56000156	15610	\$3,642.04
		S014176505.001	INSULATED UNION	56000156	15610	\$1,072.58
			Total Vendor:			\$5,229.62
517271	2061 ISSP SERVICES LLC	11-03-2025-02	SCAFFOLD RENTAL	52061402	51205	\$1,945.00
			Total Vendor:			\$1,945.00
517272	671 J E O CONSULTING GROUP, INC.	158972	NDS AIR TUGGER	52061402	51106	\$5,600.00
			Total Vendor:			\$5,600.00
517273	586 K-T HEATING & AIR CONDITIONING	I10991	GAS VALVE, THERMOCOUPLE	51000404	56750	\$356.15
			Total Vendor:			\$356.15
517274	684 KELLY SUPPLY COMPANY	S15119455-0	2NC ALUMIN	54068401	57026	\$998.24
		S15119593-0	MISC 999 - GALV PIPE NIPPLE	80900402	51100	\$5.45
		S15119603-0	GATES HOSE, GATES STEM	52061401	50606	\$57.56
			Total Vendor:			\$1,061.25
517275	1100 KIMBALL MIDWEST	103115284	HEX SCREW, LIGHT, CAP SCREW	56000405	92275	\$323.35
			Total Vendor:			\$323.35
517276	658 KULLY PIPE & STEEL CORP.	825053	SQ TUBE	51000404	58000	\$55.81
		825060	BATTERY	54068401	58000	\$249.00
		825078	HIGH OUTPUT BATTERY, ION	52064401	56710	\$426.90
		825157	BATTERY MISC 999 - PVC 90 ELL	80700402	51200	\$35.13
		825172	MISC 999 - PVC MALE APT, PVC	80700402	51200	\$133.80
		825405	MALE ADPT WELD REDUCER	56000156	15610	\$432.05
		825413	ANGLE, CUTOFF WHEEL	52061402	51206	\$154.19
		825472	BENCH CHAIN VISE	51000405	92275	\$369.20
		825492	PVC BUSH SXS	52062402	51300	\$22.15
		825560	CPLG	53000100	54040	\$39.44
		825574	PVC UNION	52062402	51200	\$10.49
			Total Vendor:			\$1,928.16
517277	1111 KURITA AMERICA INC	INV881766	RO ANTISCALANT	53000403	56000	\$21,560.28
			Total Vendor:			\$21,560.28
517278	670 L C L TRUCK EQUIPMENT, INC.	INV1010688	WT FR FLR	51000405	92275	\$134.77
			Total Vendor:			\$134.77
517279	1116 LINCOLN WINWATER CO.	108736 01	BALL CORP NL	56000156	15610	\$2,003.40
		109089 01	GATE VALVE, CLAMP	56000156	15610	\$10,448.85
			Total Vendor:			\$12,452.25
517280	566 MACQUEEN EQUIPMENT, LLC	P14832	PVC TUBE, RED POLYETHYLEN	54067404	56005	\$188.06
			Total Vendor:			\$188.06
517281	589 MALOUF JR AND ASSOCIATES	IN-37127	TRASH LINERS	52061401	50606	\$185.56
			Total Vendor:			\$185.56

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517282	1126 MARTIN ENGINEERING	0000706730	CONVEYOR BLADES	52062402	51260	\$1,531.68
			Total Vendor:			\$1,531.68
517283	1127 MARY LANNING MEMORIAL HOSPITAL	310341145 HU	EMPLOYEE DRUG TESTING	51000405	93000	\$95.00
				52000405	93000	\$25.00
				56000405	93000	\$40.00
				80700406	93020	\$20.00
			Total Vendor:			\$180.00
517284	15 MATHESON TRIGAS-LINWELD	0031127472	MISC 999 - HYDROGEN GASEOUS TUBE TRAILER	80700402	50500	\$1,349.57
		0031129463	MISC 999 - TELEMTRY SYSTEM	80700402	50500	\$171.37
		0031152344	NITROGEN	52062402	51280	\$424.73
		0031156669	HYDROGEN GASEOUS TUBE TRAILER	80700402	50500	\$1,796.17
		0031177959	MISC 999 - CUTTING TIP	80900402	50600	\$84.17
		0031178037	MISC 999 - CUTTING TIP	80900402	50600	\$465.72
		52457838	JAN CYLINDER RENTAL	51000404	56070	\$13.93
				51000404	56201	\$6.97
				51000404	56202	\$13.93
				51000404	57000	\$13.93
				51000404	58000	\$64.94
				52061401	50206	\$58.26
				52062401	50500	\$29.14
				52061401	50506	\$137.71
				52061402	51206	\$6.97
				52062402	51280	\$90.55
				52061402	51406	\$7.95
				52000100	54040	\$5.25
				52064401	56710	\$5.30
				53000404	58000	\$2.65
				54068401	58000	\$15.89
				80700402	50200	\$6.97
				80700402	50500	\$5.30
				80700402	50600	\$76.91
				80700402	51200	\$20.90
				80700402	51300	\$23.84
		52471280	FEB CYLINDER RENTAL	51000404	56070	\$12.58
				51000404	56201	\$6.29
				51000404	56202	\$12.58
				51000404	57000	\$12.58
				51000404	58000	\$62.24
				52061401	50206	\$50.32
				52062401	50500	\$29.14
				52061401	50506	\$156.25
				52061402	51206	\$6.29
				52062402	51280	\$81.79
				52061402	51406	\$7.95
				52000100	54040	\$5.26
				52064401	56710	\$5.30
				53000404	58000	\$2.65
				54068401	58000	\$15.89
				80700402	50200	\$6.29
				80700402	50500	\$5.30
				80700402	50600	\$84.77
				80700402	51200	\$18.87

Distribution Register by Check

				80700402	51300	\$23.84
			Total Vendor:			\$5,505.20
517285	1132 MDM PEST & TERMITE CONTROL LLC	33537	PEST CONTROL - NDS	56000405	92280	\$496.55
		33537A	PEST CONTROL - WAREHOUSE	56000405	90400	\$198.62
		33537B	PEST CONTROL - PCF	54068401	57029	\$464.07
		33537C	PEST CONTROL - YOST	56000405	92281	\$117.70
		33537D	PEST CONTROL - PEAK SHAVERS	51000404	56200	\$39.73
		33537E	PEST CONTROL - ASR	53000403	57010	\$100.05
		33537F	PEST CONTROL - DON HENRY	52063402	55200	\$26.48
		33537G	MISC 999 - PEST CONTROL - WEC	80700402	57050	\$65.28
			Total Vendor:			\$1,508.48
517286	1136 MERCHANT JOB TRAINING & SAFETY	10354	BOOK 2 TUITION	52000405	92200	\$1,100.00
			Total Vendor:			\$1,100.00
517287	591 MICROFILM IMAGING SYSTEMS, INC	97470	SCANNER RENTAL	56100405	92100	\$48.15
			Total Vendor:			\$48.15
517288	642 MID-NEBRASKA LUBRICANTS	187161	MISC 999 - DIESEL	80900402	50150	\$1,882.47
		187162	MISC 999 - DIESEL	80900402	50150	\$123.97
			Total Vendor:			\$2,006.44
517289	642 MID-NEBRASKA LUBRICANTS	186924	MISC 999 - DIESEL	80900402	50150	\$3,712.48
		186946	MISC 999 - DIESEL	80900402	50150	\$3,182.05
		T85653	DISCOVERER RUGGED TREK	56000405	92275	\$1,160.50
			Total Vendor:			\$8,055.03
517290	2165 MIDWEST PETROLEUM EQUIPMENT LLC	23578	ANNUAL TESTING	54068401	57020	\$287.00
			Total Vendor:			\$287.00
517291	640 MUNICIPAL SUPPLY, INC. OF NE	0934468-IN	MISC 999 - HYMAX COUPLING	80700402	51200	\$244.50
		0934469-IN	HEX BRASS BUSHING, NIPPLE, BALL VALVE	53000100	54040	\$79.59
		0934470-IN	NST NOZZLE	53000404	57755	\$135.54
		0934678-IN	CURB BOX PENTAGON KEY	53000404	57500	\$14.42
		0935302-IN	2 HOLE DUC	53000404	57000	\$27.28
			Total Vendor:			\$501.33
517292	688 NAPA AUTO PARTS	319647	RADIAL SEAL OUTER AIR ELEM	51000405	92275	\$29.49
		321297	MISC 999 - LUBE ELEM,	80900402	50600	\$292.19
		321821	SPR ASY, CGK OXYGEN	51000405	92275	\$175.79
		321962	BRAKE AWAY KITS ACCES	51000405	92275	\$52.80
		322715	HYDRAULIC OIL	52061401	50606	\$53.48
		323432	MISC 999 - NAPA QT	80700402	50600	\$67.02
		622440	CLAMP	51000405	92275	\$10.91
			Total Vendor:			\$681.68
517293	1168 NATIONAL PUBLIC GAS AGENCY	022523001	APGA DUES 2025	51000405	93000	\$9,122.95
			Total Vendor:			\$9,122.95
517294	662 NDEE - FISCAL SERVICES	030625 NDEE	GRADE 1 & 2 COUSE	53000405	92200	\$400.00
			Total Vendor:			\$400.00
517295	1180 NEBRASKA PUBLIC HEALTH ENVIRONMENTAL LABORATORY	588190	WATER TESTING	53000403	59100	\$19.00
			Total Vendor:			\$19.00
517296	1181 NEBRASKA PUBLIC POWER DISTRICT	9000057441	MISC 999 - TESTING BY-PASS ROAD	80800404	57015	\$1,095.07
			Total Vendor:			\$1,095.07
517297	2342 BIESANZ CHEMICAL INC	13304	MISC 999 - SOAP	80700402	50600	\$264.83

Distribution Register by Check

			Total Vendor:			\$264.83
517298	689 NUTRIEN AG SOLUTIONS INC	56316191	PROPANE	56000405	90400	\$41.78
			Total Vendor:			\$41.78
517299	692 O'REILLY AUTO PARTS	0764-241659	STARTER	51000405	92275	\$468.38
		0764-242338	STARTER	51000405	92275	\$468.38
			Total Vendor:			\$936.76
517300	1207 OMICRON	IN22011445	CROCODILE CLAMP	52064401	56710	\$415.16
			Total Vendor:			\$415.16
517301	1208 ONE CALL CONCEPTS INC	5020466	LOCATING SERVICES	56100405	91810	\$121.90
			Total Vendor:			\$121.90
517302	2517 PARKSON CORPORATION	AR1/51035266	PRESSURE GAUGE	54068401	57020	\$635.30
		AR1/51039501	CONE LINER	54068401	57020	\$1,137.90
			Total Vendor:			\$1,773.20
517303	633 W.G. PAULEY LUMBER CO	150916	CONCRETE BLOCKS	56000156	15610	\$461.38
			Total Vendor:			\$461.38
517304	1227 PIPING RESOURCES, INC.	0723559-IN	REOTEMP	52061402	51205	\$140.57
		0724468-IN	ELBOW, THRD BUSH	52062402	51300	\$158.41
			Total Vendor:			\$298.98
517305	594 PLATTE VALLEY COMMUNICATION OF HASTINGS INC	37783	TROUBLESHOOTING	56000405	92280	\$74.90
			Total Vendor:			\$74.90
517306	1852 PTSR OF HASTINGS	022825 HU	ON-SITE PT	52062401	92600	\$380.00
				56000405	92600	\$380.00
			Total Vendor:			\$760.00
517307	1237 PUBLIC POWER GENERATION AGENCY	0863	FUEL, O&M, DEBT SERVICES	52000232	23220	\$598,906.80
				52000232	23220	\$671,133.67
			Total Vendor:			\$1,270,040.47
517308	1244 RADWELL INTERNATIONAL, LLC	35156366	MISC 999 - FEDERAL SIGNAL	80900402	51260	\$101.41
			Total Vendor:			\$101.41
517309	1248 RASMUSSEN MECHANICAL SERVICES	SRV120479	TUNED BOILER	54068401	57026	\$521.80
			Total Vendor:			\$521.80
517310	609 RAYNOR GARAGE DOORS OF CENTRAL NE, INC	44156	REMOTE CONTROL	56000405	92280	\$42.80
			Total Vendor:			\$42.80
517311	2437 JASON REDDING	030525 REDDING	SPP ENERGY SUMMIT PER DIEM	56000405	92200	\$181.75
			Total Vendor:			\$181.75
517312	2367 REINHOLD, DALE	031025 REINHOLD	Q3 & Q4 MIELAGE REIMB	52000405	91830	\$501.03
			Total Vendor:			\$501.03
517313	1253 RESCO	3063325	TRANSFORMERS FOR INVENTORY	52000156	15621	\$55,208.80
		3063906	TRANSFORMERS FOR INVENTORY	52000156	15621	\$55,208.80
			Total Vendor:			\$110,417.60
517314	1256 ROAD BUILDERS MACHINERY&SUPPLY	P68388	MISC 999 - SEAT BELT	80900402	51460	\$292.46
			Total Vendor:			\$292.46
517315	1275 SALVATION ARMY	031025 SALV ARMY	SHARE SOME WARMTH COLLECT -	56000232	23280	\$673.00
			Total Vendor:			\$673.00
517316	1803 SAUBER MFG CO.	PSI232234	TENSIONING BRAKE KIT, TURBO	52000405	93927	\$8,903.42
			Total Vendor:			\$8,903.42
517317	1286 SERVI-TECH, INC.	H-992372	WATER TESTING	53000401	57002	\$114.00
		H-992377	WATER TESTING	53000100	54040	\$52.25
		H-992378	WATER TESTING	53000403	56000	\$23.75
		H-992380	WATER TESTING	54068401	58001	\$178.60

Distribution Register by Check

		H-992396	WATER TESTING	53000100	54040	\$52.25
		H-992400	WATER TESTING	52061401	50604	\$96.83
		H-992401	WATER TESTING	54068401	58001	\$178.60
		H-992427	WATER TESTING	53000403	59100	\$177.65
		H-992434	WATER TESTING	52062401	50500	\$148.20
		H-992436	WATER TESTING	53000401	57002	\$114.00
		H-992438	WATER TESTING	54068401	58001	\$223.25
		H-992439	WATER TESTING	53000403	59100	\$62.85
		H-992450	WATER TESTING	54068401	58001	\$178.60
			Total Vendor:			\$1,600.83
517318	21 SHERWIN-WILLIAMS	0024-3	CREDIT	52000100	54040	(\$13.54)
		0683-8	BRUSH, CS POLY KNIT, CS SOFT	52000100	54040	\$128.88
		9818-9	PAINT	56000405	92280	\$35.00
			Total Vendor:			\$150.34
517319	1299 SOUCIE FARMS	031225-1	TRANSPORT BIOLSOLIDS	54068401	56002	\$1,225.00
		031225-2	TRANSPORT BIOLSOLIDS	54068401	56002	\$6,050.00
		INV0009	ROCK HAULING	54068401	57010	\$732.50
			Total Vendor:			\$8,007.50
517320	1603 SOUTH CENTRAL DIESEL, INC	1059775	TURBOCHARGER	52000405	93927	\$2,991.66
			Total Vendor:			\$2,991.66
517321	22 SPADY CHEVROLET	160445	LAMP	52062401	93927	\$392.49
			Total Vendor:			\$392.49
517322	1310 STONE, SHANE	030525 STONE	SPP ENERGY SUMMIT PER	56000405	92200	\$204.83
			Total Vendor:			\$204.83
517323	17 TK ELEVATOR CORPORATION	1000676544	ELEVATOR MAINT	52061402	51106	\$266.06
		1000676607	ELEVATOR MAINT	52062402	51100	\$241.21
		1000676850	ELEVATOR MAINT	52061402	51106	\$282.22
			Total Vendor:			\$789.49
517324	2080 CARLOS TELLEZ	03-10-25-2	CONCRETE WORK	53000404	57500	\$550.00
		03-10-25-3	CONCRETE WORK	53000404	57000	\$860.00
		3-10-25-1	CONCRETE WORK	53000404	57500	\$1,680.00
			Total Vendor:			\$3,090.00
517325	1347 HD SUPPLY INC	INV00634413	SUBMRS TRANSMITTER	53000401	56000	\$1,984.00
			Total Vendor:			\$1,984.00
517326	1352 UNITED SERVO HYDRAULICS, INC.	2502035	REPAIR SERVO VALUES	52062402	51300	\$3,595.77
			Total Vendor:			\$3,595.77
517327	1360 VAN KIRK BROTHERS CONTRACTING	031325	Contract Withholding: hu2024-03	530	21105	\$1,460.00
				530	21105	\$2,785.10
				530	21105	\$3,882.78
				530	21105	\$19,711.95
			Total Vendor:			\$27,839.83
517328	2304 VESTIS GROUP INC	6280458655	RUGS & LAUNDRY SERVICE - YOST	56000405	92275	\$20.02
				56000405	92281	\$33.33
		6280474593	RUGS & LAUNDRY SERVICE - WEC	52062401	50600	\$214.71
		6280475779	RUGS & LAUNDRY SERVICE - PCF	54068401	57010	\$26.64
		6280476276	RUGS & LAUNDRY SERVICE - NDS	56000405	92280	\$206.42
		6280476277	RUGS & LAUNDRY SERVICE -	56000405	90400	\$41.36
		6280476280	RUGS & LAUNDRY SERVICE - YOST	56000405	92275	\$22.87
				56000405	92281	\$33.33
		6280477075	RUGS & LAUNDRY SERVICE - WEC	52062401	50600	\$214.71
		6280478811	RUGS & LAUNDRY SERVICE - PCF	54068401	57010	\$36.90

Distribution Register by Check

		6280479132	RUGS & LAUNDRY SERVICE - NDS	56000405	92280	\$206.42
		6280479133	RUGS & LAUNDRY SERVICE - WADSWORTH	56000405	90400	\$41.36
		6280479136	RUGS & LAUNDRY SERVICE - YOST	56000405	92275	\$22.87
				56000405	92281	\$33.33
		6280479989	RUGS & LAUNDRY SERVICE - WEC	52062401	50600	\$214.71
			Total Vendor:			\$1,368.98
517329	1365 W P C I	S 167997 HU	EMPLOYEE DRUG TESTING	51000405	93000	\$66.00
				52000405	93000	\$33.00
				56000405	93000	\$64.00
				80700406	93020	\$32.00
			Total Vendor:			\$195.00
517330	1755 WAL-MART VISION CENTER	232569730	MISC 999 - PRESCRIPTION SAFETY CLASSES - ASHLEY	80700402	92700	\$644.00
			Total Vendor:			\$644.00
517331	1564 THE WILSON BOHANNAN PADLOCK COMPANY	0215590-IN	BRASS PADLOCK	56000405	93110	\$589.44
			Total Vendor:			\$589.44
517332	1387 ZEISLER, DEREK	100124 ZEISLER	REIMB MECHANICAL ENG FEE	56000405	93000	\$80.00
			Total Vendor:			\$80.00
6053665	856 A K J CHEMICALS LLC	0003332-IN	COAL CHEMICAL RELEASE	52000232	23224	\$6,385.06
			Total Vendor:			\$6,385.06
6053666	644 BURLINGTON NORTHERN/SANTA FE	271478482	COAL FREIGHT CHARGE	52000232	23224	\$174,155.78
			Total Vendor:			\$174,155.78
6053667	644 BURLINGTON NORTHERN/SANTA FE	271614419	COAL FREIGHT CHARGE	52000232	23224	\$175,455.45
			Total Vendor:			\$175,455.45
6053668	723 NE DEPT OF REVENUE	031225 NE DEPT OF RE	NEBR SALES AND USE TAX - FEB	510	21160	\$2,311.80
				520	21160	\$12,486.84
				530	21160	\$5,237.08
				540	21160	\$1,116.20
				560	21160	\$5,168.71
				56000242	24210	\$298,908.98
				561	21160	\$712.85
				562	21160	\$146.61
				807	21160	\$65.93
				808	21160	\$5.32
				809	21160	\$252.56
			Total Vendor:			\$326,412.88
6053669	1203 OMAHA PUBLIC POWER DISTRICT	CSB000900	TRANSMISSION AGREEMENT	52000405	92300	\$22,672.00
			Total Vendor:			\$22,672.00
6053670	1218 PEABODY ENERGY	5000074755	COAL	52000232	23224	\$358,874.83
		91016612	COAL	52000232	23224	\$3,254.90
			Total Vendor:			\$362,129.73
6053671	1245 RAILROAD MGMT. CO. III, LLC	515948	SEWER PIPELINE ENCROACHMENT	54067404	56005	\$1,294.77
			Total Vendor:			\$1,294.77
6053672	1351 UNITED PARCEL SERVICE	00006838E9095	DELIVERY SERVICE	52061401	50604	\$231.21
				52062402	51300	\$14.44
				53000404	59100	\$91.11
				56000405	90400	\$36.00
				80800402	51200	\$15.78
				80800402	51300	\$13.71
				80800402	51400	\$19.93
			Total Vendor:			\$422.18
6053673	1351 UNITED PARCEL SERVICE	00006838E9105	DELIVERY SERVICE	52062402	51200	\$17.33

Distribution Register by Check

				52065402	59700	\$23.89
				53000404	59100	\$49.53
				56000405	90400	\$35.90
				80800402	50150	\$362.07
			Total Vendor:			\$488.72
6053674	725 VERIZON WIRELESS	6105761705	ROVER SERVICE	56100405	92300	\$108.55
			Total Vendor:			\$108.55
6053675	1375 WESTERN AREA POWER ADMIN.	BFPB000950125	POWER PURCHASES	52000232	23220	\$101,422.15
			Total Vendor:			\$101,422.15
6053676	1382 WINDSTREAM NEBRASKA INC	091774858 022625	PHONE & INTERNET SERVICE	51000404	56200	\$70.40
				52061401	50506	\$20.81
				52061401	50606	\$129.72
				52064402	57011	\$16.76
				53000401	56000	\$454.61
				54069404	56000	\$30.08
				54068401	56001	\$48.24
				56000405	92100	\$354.53
				56100405	92100	\$30.82
			Total Vendor:			\$1,155.97
						3,090,730.61
						\$3,090,730.61

FUND	PAYMENT AMOUNT	LESS VOID CHECKS	
Total Gas:	19,004.66		19,004.66
Total Water:	65,192.42		65,192.42
Total Sewer:	246,064.17		246,064.17
Total Admin:	372,571.83		372,571.83
Total Maint & Building:	376.36		376.36
Total Engineering:	1,959.72		1,959.72
Total Electric:	2,385,561.45	1921.09	2,383,640.36
Total:	\$3,090,730.61		3,088,809.52

Section B: Event Agreement

This application must be filed with the Hastings City Clerk
at least 60 days prior to the date of the event.

Fees may be applicable.

Date(s) of Event: 4/26/2025 Event Name: Downtown Do the Brew
Contact Person: Megan Arrington-Williams Phone: 720-308-5324
Address: 1009 S Pine Ave
Email: megan@prairieloft.org Daytime Phone: 7203058324
Name of Organization Hosting Event: Do the Brew/Prairie Loft
Type of Organization: ☒ Corporation ☐ LLC ☐ Other If Other, provide name: Non-Profit
Type of Event: Beer Tasting & Festival
Example: Running, Biking, Parade, etc. (Held on City Property or Public Right-of-Way)

Will alcohol be served at this event? ☒ Yes ☐ No

- If yes, license agreement is required.
- SDL-Local Recommendation may be attached when submitting this application.
- Please review City Code Section 8-107 for alcohol consumption restrictions on property owned by city.
- City fee for fencing is \$300 per event. Fencing fee payable to the City of Hastings Engineering Department, **prior** to event. Refer to Nebraska Liquor Control Rules and Regulations for fencing requirements.

Will electrical power be needed? ☒ Yes ☐ No (Only permitted where currently available.)

Will tents over 400 sq. ft. and/or mobile food vendors be set up at this event? ☒ Yes ☐ No

- If yes, please contact Hastings Fire & Rescue (402) 462-7157 for spacing and permitting requirements.
- For events with over 1,000 in attendance: One trained crowd manager to be provided for every 250 persons or fraction thereof. Contact Hastings Fire & Rescue (402) 462-7157 with questions.

Please describe activities included in this event:

Beer tasting, food trucks, and Joyride Bikes will be doing laps for our VIPs.

Event Location: City Auditorium and Green Space behind Auditorium

- Before an event is scheduled on City owned property, it must receive prior City approval.
- The event should not be held on a public street or roadway. Consider use of off-street trails such as the Pioneer Spirit Trail.
- Please attach map of route of any such event.
- Review City Code Section 13-508 for prohibited acts: discharge of fireworks

Event Start Time: 04:00 p.m. * Start Time Needed to Set Up & Access Area (if applies): 12:00 p.m.

Event End Time: 8:00 p.m. * Ending Time Needed to Clean up Area (if applies): 10:00 p.m.

***If alcohol is being served, please make sure state alcohol permit times are consistent with actual event times.**

I represent that I am authorized to sign the agreement on behalf of the organization hosting this event and, if the event is approved by the City of Hastings, my organization agrees to defend, indemnify and hold the City of Hastings harmless for any loss or claim of loss related to this event.

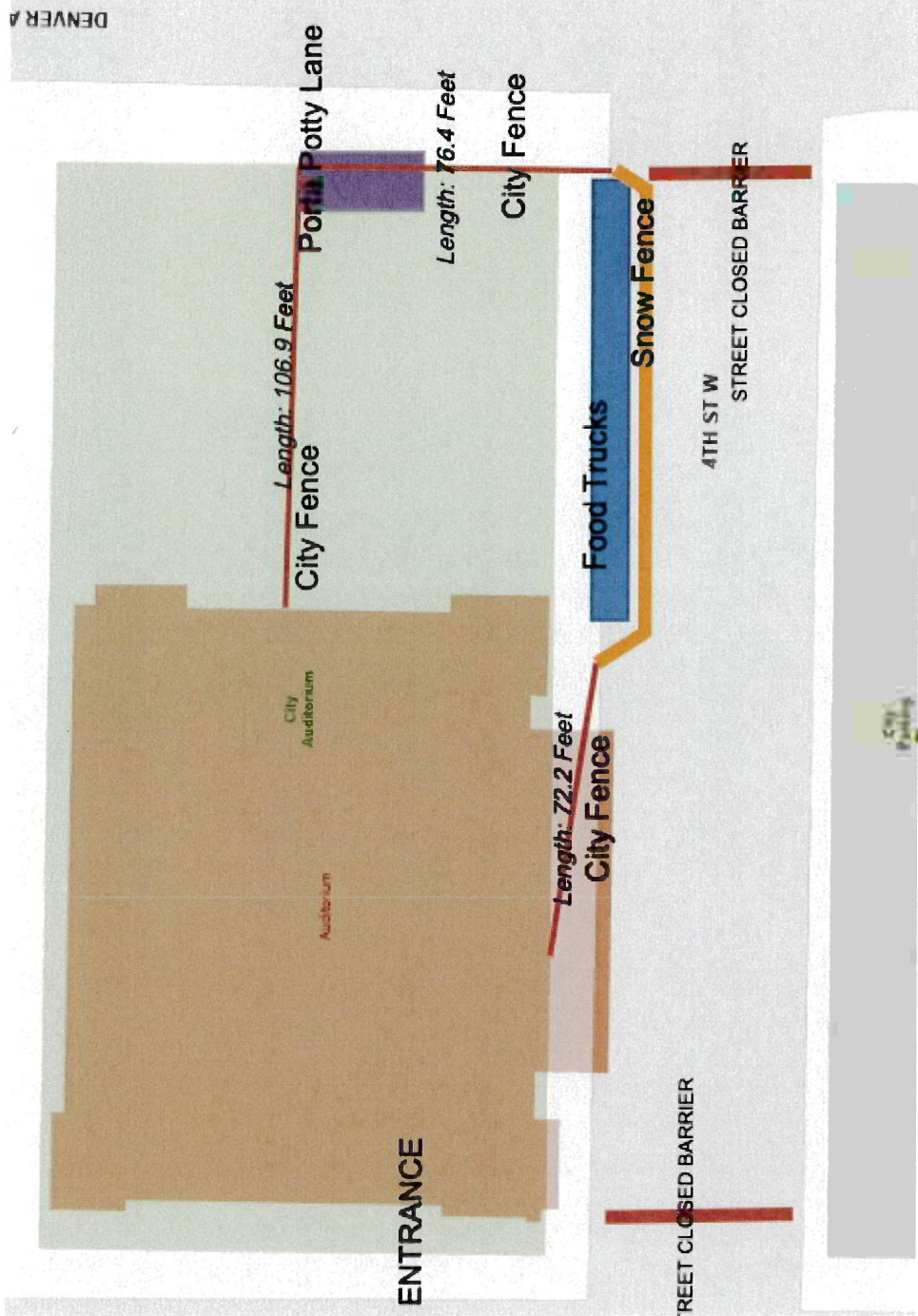
eSigned via SeamlessDocs.com
Megan Arrington-Williams
Authorized Signature for Host Organization

02-25-2025
Date

Official Office Use Only

Authorized Signature – City of Hastings

Date of Council Approval





SHERVERT

2/28/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Ellerbrock-Norris Agency, Inc. P.O. Box 816 Hastings, NE 68902-0816	CONTACT Sonya Hervert NAME: PHONE (A/C, No, Ext): FAX (A/C, No): E-MAIL ADDRESS: shervert@ellerbrock-norris.com														
INSURED Prairie Loft Center For Outdoor and Agricultural Learning P. O. Box 1731 Hastings, NE 68902-1731	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : HDI Specialty Insurance Company</td> <td></td> </tr> <tr> <td>INSURER B :</td> <td></td> </tr> <tr> <td>INSURER C :</td> <td></td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : HDI Specialty Insurance Company		INSURER B :		INSURER C :		INSURER D :		INSURER E :		INSURER F :	
INSURER(S) AFFORDING COVERAGE	NAIC #														
INSURER A : HDI Specialty Insurance Company															
INSURER B :															
INSURER C :															
INSURER D :															
INSURER E :															
INSURER F :															

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE			ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS				
A	☒	COMMERCIAL GENERAL LIABILITY				18OL0001-04	4/26/2025	4/27/2025	EACH OCCURRENCE	\$ 1,000,000			
	☐	CLAIMS-MADE	☒	OCCUR					DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 300,000			
	☒	Event Liability							MED EXP (Any one person)	\$ 5,000			
	☐								PERSONAL & ADV INJURY	\$ 1,000,000			
	GEN'L AGGREGATE LIMIT APPLIES PER:			GENERAL AGGREGATE					\$ 3,000,000				
	☒	POLICY	☐	PRO-JECT					☐	LOC	PRODUCTS - COMP/OP AGG	\$ 3,000,000	
	☐	OTHER:								\$			
	☐	AUTOMOBILE LIABILITY							COMBINED SINGLE LIMIT (Ea accident)	\$			
	☐	ANY AUTO OWNED AUTOS ONLY	☐	SCHEDULED AUTOS					BODILY INJURY (Per person)	\$			
	☐	HIRED AUTOS ONLY	☐	NON-OWNED AUTOS ONLY					BODILY INJURY (Per accident)	\$			
	☐								PROPERTY DAMAGE (Per accident)	\$			
									\$				
									\$				
	☐	UMBRELLA LIAB		☐	OCCUR				EACH OCCURRENCE	\$			
	☐	EXCESS LIAB		☐	CLAIMS-MADE				AGGREGATE	\$			
	☐	DED	☐	RETENTION \$					\$				
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			N / A					☐	PER STATUTE	☐	OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)								☐	Y / N	E.L. EACH ACCIDENT	\$	
	If yes, describe under DESCRIPTION OF OPERATIONS below									E.L. DISEASE - EA EMPLOYEE	\$		
										E.L. DISEASE - POLICY LIMIT	\$		

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

DESCRIPTION OF OPERATIONS, LOCATIONS, VEHICLES (ACCORD 101, Additional Remarks Schedule, may be attached if more space is required)
The City of Hastings is named as an Additional insured on the General Liability policy as their interest may appear per the written contract. The waiver of Subrogation applies in favor of the City of Hastings on the General Liability policy. Coverage is provided on a Primary and noncontributory basis and only applies to the extent permitted by law. Host Liquor Liability is included in the General Liability limits.

CANCELLATION

City of Hastings 220 North Hastings Avenue Hastings, NE 68901	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

**Special Designated License
Local Recommendation (Form 200)**

Applications must be entered on the portal after local approval – no exceptions
Late applications are non-refundable and will be rejected

Prairie Loft Center

Retail Liquor License Name or *Non-Profit Organization (*Must include Form #201 as Page 2)

4705 DLD Road, Hastings, NE 68901

Retail Liquor License Address or Non-Profit Business Address

20-1556250

Retail License Number or Non-Profit Federal ID #

Consecutive Dates only

Event Date(s):

4/26/25

Event Start Time(s):

12pm

Event End Time(s):

10pm

Alternate Date: n/a

Alternate Location Building & Address: n/a

Event Building Name: Hastings City Auditorium & Green Space

Event Street Address/City: 400 N. Hastings Ave.

Indoor area to be licensed in length & width: 180' X 180'

Outdoor area to be licensed in length & width: 180' X 76' (Diagram Form #109 must be attached)

Type of Event: Craft Beer Festival & Tasting Estimate # of attendees: 900

Type of alcohol to be served: Beer X Wine _____ Distilled Spirits _____

(If not marked, you will not be able to serve this type of alcohol)

Event Contact Name: Megan Arrington Event Contact Phone Number: 720-308-5324

Event Contact Email: megan@prairieloft.org

*Signature Authorized Representative: Megan R Arrington-William Printed Name Megan Arrington-W

I declare that I am the authorized representative of the above named license applicant and that the statements made on this application are true to the best of my knowledge and belief. I also consent to an investigation of my background including all records of every kind including police records. I agree to waive any rights or causes of action against the Nebraska Liquor Control Commission, the Nebraska State Patrol or any other individual releasing said information to the Liquor Control Commission or the Nebraska State Patrol. I further declare that the license applied for will not be used by any other person, group, organization or corporation for profit or not for profit and that the event will be supervised by persons directly responsible to the holder of this Special Designated License.

*Retail licensee – Must be signed by a member listed on permanent license

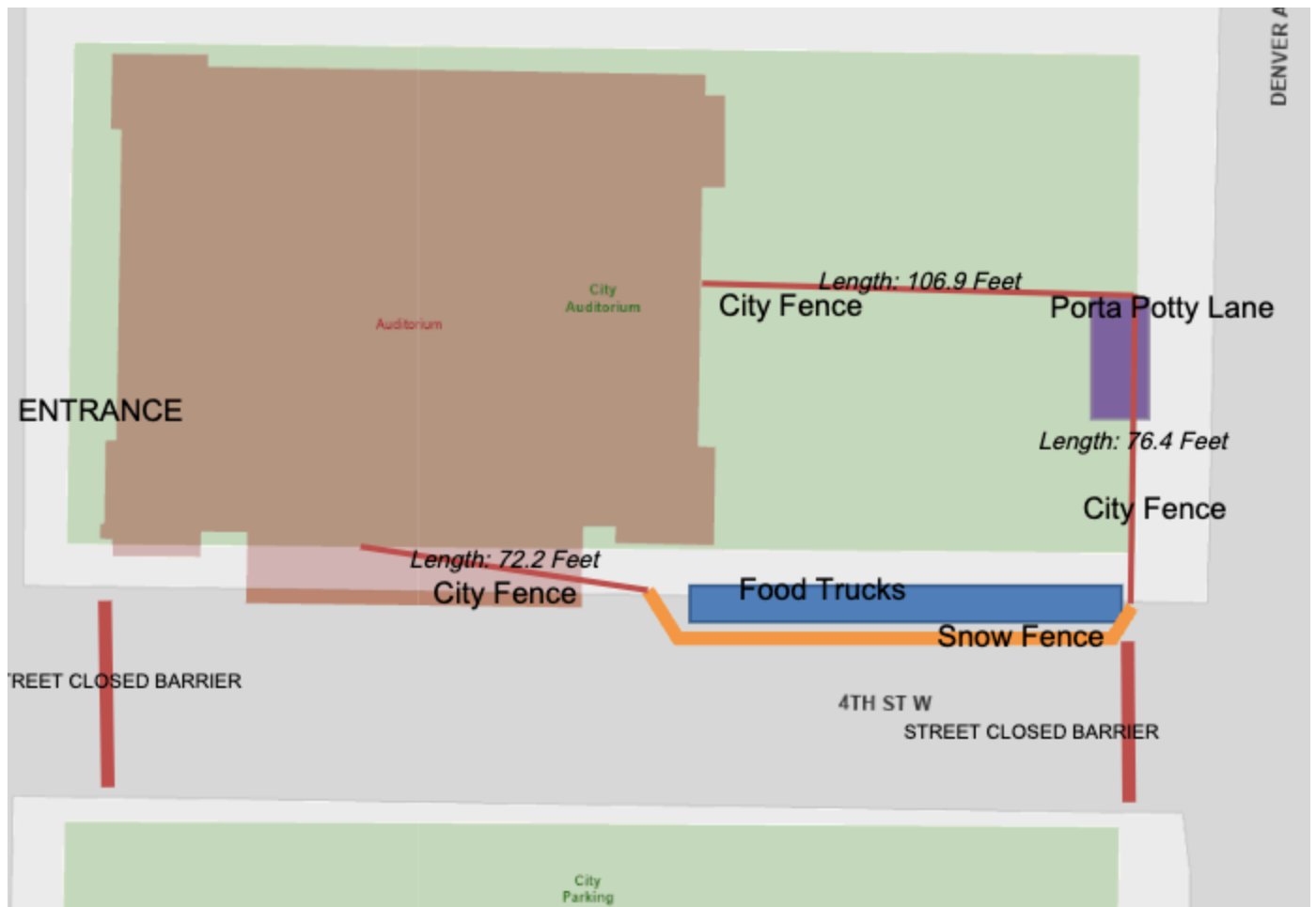
*Non-Profit Organization – Must be signed by a Corporate Officer

Local Governing Body completes below:

The local governing body for the City/Village of Hastings OR County of _____ approves the issuance of a Special Designated License as requested above. (Only one should be written above)

Local Governing Body Authorized Signature

Date



LICENSE AGREEMENT FOR USE OF A PORTION OF PUBLIC STREET

THIS AGREEMENT, made and entered into this ____ day of _____, 2025, by and between the City of Hastings, Nebraska, a municipal corporation, hereinafter referred to as “City”, and Prairie Loft Center, a Nebraska Nonprofit Corporation, 4705 DLD Road, Hastings, Nebraska, hereinafter referred to as “Prairie Loft”, WITNESSETH:

WHEREAS, Prairie Loft has applied for a Special Designated Liquor License with the Nebraska Liquor Control Commission to be able to serve beer between the hours of 12:00 p.m. to 10:00 p.m. within the Auditorium Park and a portion of the South sidewalk and a portion of the public street right-of-way of West 4th Street between Hastings Avenue and Denver Avenue located within the City of Hastings, Nebraska, on Saturday, April 26, 2025, in conjunction with an event to be known as “Downtown Do the Brew”; and

WHEREAS, Section 8-107 of the Hastings City Code provides that alcoholic beverages may be served during community sponsored events on a portion of public streets within the downtown area subject to this issuance of a Special Designated License therefore issued by the Nebraska Liquor Control Commission and with a license agreement to do so with the City; and

WHEREAS, “Downtown Do the Brew” is an event sponsored by Prairie Loft; and

WHEREAS, Prairie Loft is currently the holder of a Class “CK” liquor license, License #CK-150656, withing the City of Hastings, Nebraska, and desires to serve beer as a beer garden activity during the “Downtown Do the Brew” event as set forth above;

NOW, THEREFORE, in consideration of the foregoing recitals and the terms and conditions hereinafter set forth, the parties hereto agree as follows:

1. City hereby grants Prairie Loft a license to occupy a portion of Auditorium Park and a portion of the South sidewalk and a portion of the public street right-of-way of West 4th Street between Hastings Avenue and Denver Avenue as shown on the attached Exhibit “A”, and incorporated as part of this agreement, for the purpose of having a beer garden to serve beer between the hours of 12:00 p.m. and 10:00 p.m. on Saturday, April 26, 2025, subject to the following conditions:

- A. Prairie Loft obtains a Special Designated License from the Nebraska Liquor Control Commission for the beer garden within the Auditorium Park and a portion of the South sidewalk and a portion of the public street right-of-way of West 4th Street between Hastings Avenue and Denver Avenue on the date and for the times set forth above prior to April 26, 2025.
- B. Prairie Loft provides and erects double fencing or other appropriate barriers as acceptable to the Nebraska Liquor Control Commission across West 4th Street immediately West of Denver Avenue and immediately East of Hastings Avenue for the beer garden and the same fencing or barriers within the Auditorium Park and a portion of the South sidewalk and a portion of the public street right-of-way of West 4th Street between Hastings Avenue and Denver Avenue for the beer garden.

- C. Prairie Loft shall be responsible for the removal of said fencing or barriers at the conclusion of the time set forth in the Special Designated License, and repairing any damage done to West 4th Street or the right of way or sidewalks as a result of the erection of the fencing or barriers.
- D. Prairie Loft shall, at the conclusion of the beer garden operation, be responsible for the removal of all tables and chairs or benches used in conjunction with the beer garden, and for the removal of all litter, waste, and garbage from the area of the beer garden.
- E. Prairie Loft shall only erect tents in the street with the permission of the Street Department and in a manner approved by the Street department and shall repair any damage to the street.

2. In consideration of City granting the aforementioned license, Prairie Loft agrees to provide City with a certificate of liability insurance in the minimum amount of a combined single limit of Two Million Dollars (\$2,000,000.00) with City named as an additional named insured at the time Prairie Loft picks up its Special Designated Permit from City prior to April 26, 2025. General liability insurance shall be primary and noncontributing and include a waiver of subrogation. The policy issued shall cover all activities sponsored by Prairie Loft for the event and shall include liquor liability coverage. In the event said certificate of insurance is not received by City prior to April 26, 2025, the license granted hereunder shall be null and void and without force or effect. In addition, Prairie Loft agrees to indemnify and hold City harmless for any and all liability associated with or arising out of Prairie Loft's conduct and operation of the "Downtown Do the Brew" event and alcohol services as provided for herein and the related closure of the street, including set up and removal activities related to the event.

3. Prairie Loft agrees and understands that the license granted by this Agreement is only for April 26, 2025, between the hours of 12:00 p.m. and 10:00 p.m., and shall immediately expire and be no longer valid as of 10:01 p.m. on April 26, 2025.

4. Prairie Loft further agrees and understands that the license granted by City hereunder is purely a personal right granted to Prairie Loft and to Prairie Loft alone and may not be assigned or transferred to any third party.

IN WITNESS WHEREOF, the parties hereto have executed the foregoing License Agreement in duplicate the day and year first above written.

City of Hastings, Nebraska, a municipal corporation

By _____
George J.J. Beckby, Mayor

ATTEST:

Tyler Ficken, City Clerk

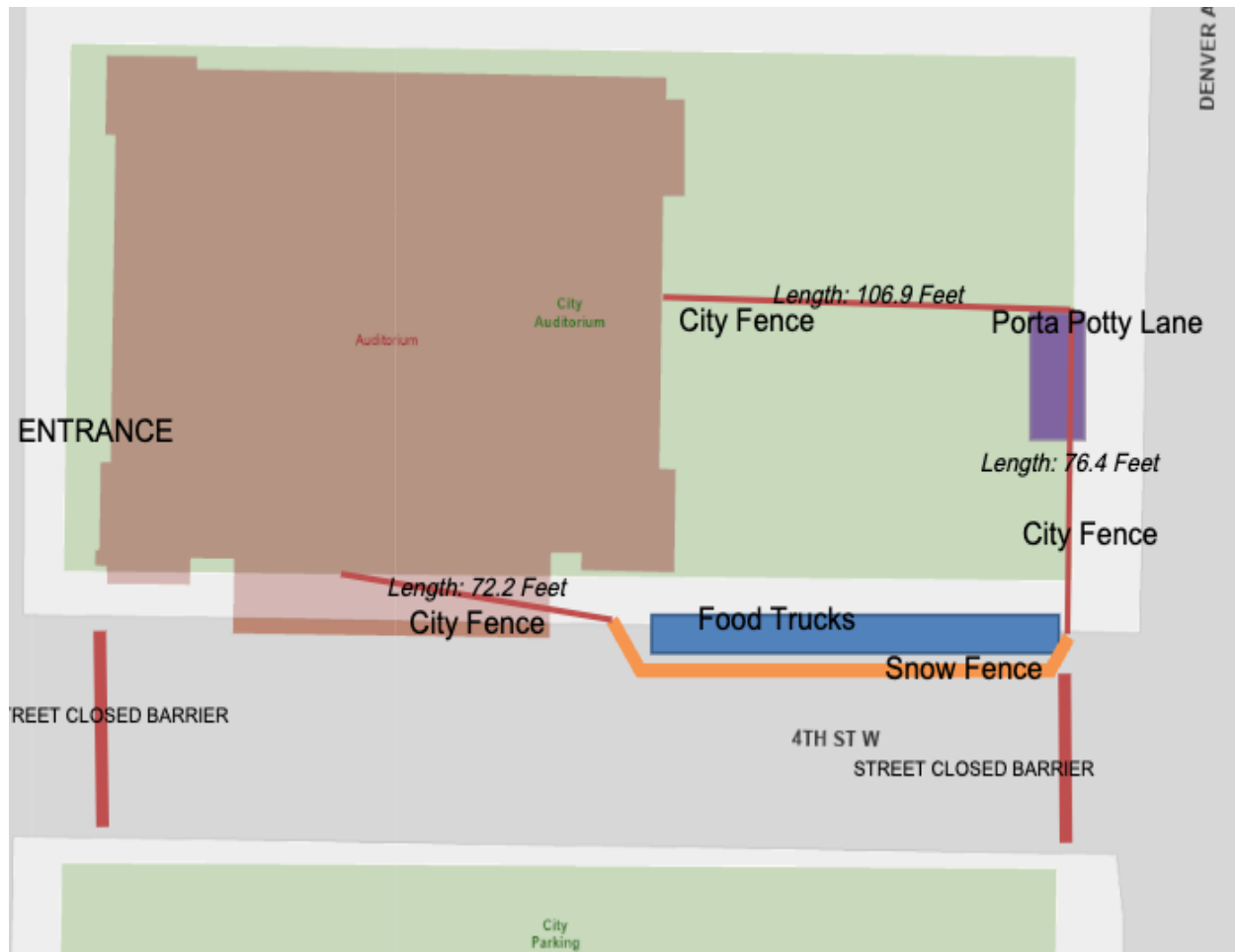
(S E A L)

Approved as to form: _____
Jesse Oswald, City Attorney

Prairie Loft Center, a Nebraska Nonprofit Corporation

By _____
Managing Member

Exhibit "A"



WORK ORDER ENGINEERING ESTIMATE

HASTINGS UTILITIES

HASTINGS, NEBRASKA

Name of Department: WATER
 Subaccount(s): 33220

Work Order No.: WA-132
 Budget Item No.: 3.22 24/25
 Budget Item Amt: \$250,000

DESCRIPTION AND LOCATION:

New 8" water main to serve Fairview Villas at G Street and Franklin Avenue

PURPOSE OF WORK IMPROVEMENT:

Developer Driven: New Residential Development

CONTRIBUTIONS/REMARKS:

All costs associated will be paid by the developer.

Estimated Cost	Amount	Attached Map or DWG No.:	
1. Material to be Purchased	\$0.00	Sheet No.:	
2. Material from Stock	9,777.78	Date Work to be Started:	9/20/24
3. Labor	3,800.00	Date Work to be Finished:	5/1/2025
4. Truck Usage	0.00	Checked By:	Date
5. Equipment Usage	0.00	Keith Miller	3/4/2025
6. Contract Amount		Checked By:	Date
7.		<u>Brandon Lubken 3/4/25</u> Brandon Lubken 3/4/25 (Mar 4, 2025 15:16 CST)	
8.		Approved By:	Date
SUBTOTAL	\$13,577.78	<u>Lee Vrooman</u> Lee Vrooman (Mar 4, 2025 15:24 CST)	
Less Developer Contribution	-13,577.78	Director of Engineering	
		Approved By:	Date
		Hastings City Council	
		Authorized By:	Date
		<u>Derek Zeisler</u> Derek Zeisler (Mar 4, 2025 16:18 CST)	
TOTAL ESTIMATED COST OF WORK ORDER	\$0.00	Manager	

HASTINGS UTILITIES, HASTINGS, NEBRASKA

Work Order No.: WA-132

B.I. No.: 3.22

B.I. Yr.: 24/25

LABOR AND EQUIPMENT ESTIMATE

Classification of Labor or Equipment to be Used		No of Hr/Mi/Ft	Cost Per Unit	Subtotal	Total Cost
LABOR:	Engineering Department (\$50)	50	50.00	2,500.00	\$3,800.00
	Water Department	20	65.00	1,300.00	
	Gas Department	0	55.00	0.00	
TOTAL - LABOR					
TRUCKS:	Trucks 22 & 23 (Hours)			0.00	\$0.00
	Trucks 24 & 28 (Hours)			0.00	
	Trucks 25 & 26 (Hours)			0.00	
	Truck (Hours)			0.00	
				0.00	
				0.00	
				0.00	
TOTAL - TRUCKS USAGE					
EQUIPMENT	Air Compressor (Hours)			0.00	\$0.00
	Backhoe (Hours)			0.00	
	Boring Machine or Bore (Feet)			0.00	
	Packer (Hours)			0.00	
	Trench (Feet)			0.00	
	Skid Steer			0.00	
	Hydra Tamp (Hours)			0.00	
	Spoil Vac (Hours)			0.00	
	TOTAL - EQUIPMENT USAGE				
TOTAL COST ALL LABOR AND EQUIPMENT ESTIMATE				\$3,800.00	

MATERIAL ESTIMATE

Quantity		Stock Number	Description	Unit Price	Stock Material	New Material
820	LF	072-04-12	Blue Tracer Wire	0.09	73.80	
800	LF	023-07-05	Blue Marking Tape	0.03	24.00	
4	EA	650-25-03	3 LB. Anode	27.41	109.64	
8	LF	113-05-05	1 1/2" White PVC	0.52	4.16	
4	EA	116-22-01	1 1/2" Threaded Adapter	0.56	2.24	
4	EA	116-21-03	1 1/2" Threaded Cap	0.78	3.12	
10	EA	N/A	Water Samples	50.00	500.00	
1	LS	N/A	Misc. Material	500.00	500.00	
28	EA		1" TAPS	250.58	7,016.24	
2	EA		2" TAPS	772.29	1,544.58	
					-	
					-	
					-	
					-	
			TOTAL		\$ 9,777.78	\$ -

Estimated By: _____

Date: _____

WORK ORDER ENGINEERING ESTIMATE

HASTINGS UTILITIES

HASTINGS, NEBRASKA

Name of Department: WaterWork Order No.: WA-133Subaccount(s): 33220, 33250Budget Item No.: 3.22 24/25Budget Item Amt: \$250,000**DESCRIPTION AND LOCATION:**

Elm 26 First Subdivision - 10" Water main to serve apartment buildings.

PURPOSE OF WORK IMPROVEMENT:

Developer Driven: Developer completed project with Hastings Engineering inspection.

CONTRIBUTIONS/REMARKS:

Work order for the inspection of the water main, along with cleaning pigs and chlorine.

Estimated Cost	Amount	Attached Map or DWG No.:	
1. Material to be Purchased	\$0.00	Sheet No.:	
2. Material from Stock	1,339.02	Date Work to be Started:	12/1/24
3. Labor	5,600.00	Date Work to be Finished:	5/1/2025
4. Truck Usage	0.00	Checked By:	Date
5. Equipment Usage	0.00	Keith Miller	3/4/2025
6. Contract Amount		Checked By:	Date
7.		<u>Brandan Lubken 3/4/25</u>	
8.		Brandan Lubken 3/4/25 (Mar 4, 2025 15:18 CST)	
SUBTOTAL	\$6,939.02	Approved By:	Date
Less Developer Contribution	-6,939.02	<u>Lee Vrooman</u>	
		Lee Vrooman (Mar 4, 2025 15:23 CST)	
		Director of Engineering	
		Approved By:	Date
		Hastings City Council	
		Authorized By:	Date
		<u>Deek Zeisler</u>	
		Deek Zeisler (Mar 4, 2025 16:17 CST)	
TOTAL ESTIMATED COST OF WORK ORDER	\$0.00	Manager	

HASTINGS UTILITIES, HASTINGS, NEBRASKA

Work Order No.: WA-133

B.I. No.: 3.22

B.I. Yr.: 24/25

LABOR AND EQUIPMENT ESTIMATE

Classification of Labor or Equipment to be Used		No of Hr/Mi/Ft	Cost Per Unit	Subtotal	Total Cost
LABOR:	Engineering Department (\$50)	60	50.00	3,000.00	\$5,600.00
	Water Department	40	65.00	2,600.00	
	Gas Department	0	55.00	0.00	
	TOTAL - LABOR				
TRUCKS:	Trucks 22 & 23 (Hours)			0.00	\$0.00
	Trucks 24 & 28 (Hours)			0.00	
	Trucks 25 & 26 (Hours)			0.00	
	Truck (Hours)			0.00	
				0.00	
				0.00	
	TOTAL - TRUCKS USAGE				
EQUIPMENT	Air Compressor (Hours)			0.00	\$0.00
	Backhoe (Hours)			0.00	
	Boring Machine or Bore (Feet)			0.00	
	Packer (Hours)			0.00	
	Trench (Feet)			0.00	
	Skid Steer			0.00	
	Hydra Tamp (Hours)			0.00	
	Spoil Vac (Hours)			0.00	
	TOTAL - EQUIPMENT USAGE				
TOTAL COST ALL LABOR AND EQUIPMENT ESTIMATE				\$5,600.00	

MATERIAL ESTIMATE

Quantity	Stock Number	Description	Unit Price	Stock Material	New Material
4		10" Foam Pig	99.50	398.00	
2		10" Brush Pgi	245.51	491.02	
6		Water Samples (min. 2)	75.00	450.00	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
		TOTAL		\$ 1,339.02	\$ -

Estimated By: K. Miller, S. Gerritsen

Date: _____

Page 2

WORK ORDER ENGINEERING ESTIMATE

HASTINGS UTILITIES

HASTINGS, NEBRASKA

Name of Department: Water

Subaccount(s): 33220, 33250

Work Order No.: WA-134

Budget Item No.: 3.29 24/25

Budget Item Amt: \$210,000

DESCRIPTION AND LOCATION:

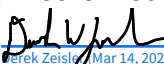
Elm Meadows First Subdivision Water Main Extension District 2024-1

PURPOSE OF WORK IMPROVEMENT:

Developer Driven Project - New Subdivision for single housing units

CONTRIBUTIONS/REMARKS:

Olsson completed plans.

Estimated Cost	Amount	Attached Map or DWG No.:	WA-134
1. Material to be Purchased	\$500.00	Sheet No.:	
2. Material from Stock	2,118.84	Date Work to be Started:	7/1/25
3. Labor	8,400.00	Date Work to be Finished:	9/1/2025
4. Truck Usage	0.00	Checked By:	Date
5. Equipment Usage	0.00	Keith Miller	3/12/2025
6. Contract Amount (HU 2025-37)	193,252.05	Checked By:	Date
7. Distric Creation & Plans	17,300.00	Brandon Lubken 3-14-25 Brandon Lubken 3-14-25 (Mar 14, 2025 14:32 CDT)	
8.		Approved By:	Date
SUBTOTAL	\$221,570.89	Lee Vrooman Lee Vrooman (Mar 14, 2025 15:18 CDT)	
Less Developer Contribution		Director of Engineering	
		Approved By:	Date
		Hastings City Council	
		Authorized By:	Date
		 Derek Zeisler (Mar 14, 2025 16:18 CDT)	
TOTAL ESTIMATED COST OF WORK ORDER	\$221,570.89	Manager	

HASTINGS UTILITIES, HASTINGS, NEBRASKA

Work Order No.: WA-134
 B.I. No.: 3.29
 B.I. Yr.: 24/25

LABOR AND EQUIPMENT ESTIMATE

Classification of Labor or Equipment to be Used		No of Hr/Mi/Ft	Cost Per Unit	Subtotal	Total Cost
LABOR:	Engineering Department	140	60.00	8,400.00	\$8,400.00
	Electric Department	0	65.00	0.00	
	Gas Department	0	55.00	0.00	
	TOTAL - LABOR				
TRUCKS:	Trucks 22 & 23 (Hours)			0.00	\$0.00
	Trucks 24 & 28 (Hours)			0.00	
	Trucks 25 & 26 (Hours)			0.00	
	Truck (Hours)			0.00	
				0.00	
				0.00	
	TOTAL - TRUCKS USAGE				
	EQUIPMENT:	Air Compressor (Hours)			
Backhoe (Hours)				0.00	
Boring Machine or Bore (Feet)				0.00	
Packer (Hours)				0.00	
Trench (Feet)				0.00	
Skid Steer				0.00	
Hydra Tamp (Hours)				0.00	
Spoil Vac (Hours)				0.00	
TOTAL - EQUIPMENT USAGE					
TOTAL COST ALL LABOR AND EQUIPMENT ESTIMATE				\$8,400.00	

MATERIAL ESTIMATE

Quantity		Stock Number	Description	Unit Price	Stock Material	New Material
1			Water Samples	1.00	1.00	\$ 500.00
6	ea		10" Foam Pig	99.50	597.00	
3	ea		10" Brush Pig	245.51	736.53	
2	ea		16" Foam Pig	150.00	300.00	
1	ea		16" Brush Pig	350.00	350.00	
3	ea		Tracer Station	44.77	134.31	
			3lb anode		-	
					-	
					-	
					-	
					-	
					-	
					-	
					-	
			TOTAL		\$2,118.84	\$ 500.00

Estimated By: 0

Date:

WA-134 Elm Meadows 1st Sub Division

Final Audit Report

2025-03-14

Created:	2025-03-14
By:	Renae Griess (rgriess@cityofhastings.org)
Status:	Signed
Transaction ID:	CBJCHBCAABAA0MKnQGUZ5JyGK01ovoKh6Gh8yRddoKfJ

"WA-134 Elm Meadows 1st Sub Division" History

-  Document created by Renae Griess (rgriess@cityofhastings.org)
2025-03-14 - 7:24:58 PM GMT
-  Document emailed to blubken@cityofhastings.org for signature
2025-03-14 - 7:25:56 PM GMT
-  Email viewed by blubken@cityofhastings.org
2025-03-14 - 7:26:57 PM GMT
-  Signer blubken@cityofhastings.org entered name at signing as Brandon Lubken 3-14-25
2025-03-14 - 7:32:57 PM GMT
-  Document e-signed by Brandon Lubken 3-14-25 (blubken@cityofhastings.org)
Signature Date: 2025-03-14 - 7:32:59 PM GMT - Time Source: server
-  Document emailed to lvrooman@cityofhastings.org for signature
2025-03-14 - 7:33:01 PM GMT
-  Email viewed by lvrooman@cityofhastings.org
2025-03-14 - 7:33:59 PM GMT
-  Signer lvrooman@cityofhastings.org entered name at signing as Lee Vrooman
2025-03-14 - 8:18:29 PM GMT
-  Document e-signed by Lee Vrooman (lvrooman@cityofhastings.org)
Signature Date: 2025-03-14 - 8:18:31 PM GMT - Time Source: server
-  Document emailed to Derek Zeisler (dzeisler@cityofhastings.org) for signature
2025-03-14 - 8:18:33 PM GMT
-  Email viewed by Derek Zeisler (dzeisler@cityofhastings.org)
2025-03-14 - 8:19:23 PM GMT

 Document e-signed by Derek Zeisler (dzeisler@cityofhastings.org)

Signature Date: 2025-03-14 - 9:18:36 PM GMT - Time Source: server

 Agreement completed.

2025-03-14 - 9:18:36 PM GMT



Adobe Acrobat Sign

WORK ORDER ENGINEERING ESTIMATE

HASTINGS UTILITIES

HASTINGS, NEBRASKA

Name of Department: Sewer

Subaccount(s): 4-311.3

Work Order No.: SW-384

Budget Item No.: 4.22 2024/2025

Budget Item Amt: \$65,000

DESCRIPTION AND LOCATION:

Elm Meadows First Subdivision Sanitary Sewer Extension District 2024-3

PURPOSE OF WORK IMPROVEMENT:

Developer driven subdivision requiring sanitary sewer service

CONTRIBUTIONS/REMARKS:

Single Unit Dwellings. Olsson Engineering

Estimated Cost	Amount	Attached Map or DWG No.:	SR-100
1. Material to be Purchased	\$0.00	Sheet No.:	
2. Material from Stock	1.00	Date Work to be Started:	5/15/25
3. Labor	7,200.00	Date Work to be Finished:	7/15/2025
4. Truck Usage	0.00	Checked By:	Date
5. Equipment Usage	0.00	K. Miller	3/12/2025
6. Contract Amount (HU 2025-37)	69,818.25	Checked By:	Date
7. District Creation (Olsson)	11,600.00	Brandon Lubken 3-14-25	
8.		Approved By:	Date
SUBTOTAL	\$88,619.25	Lee Vrooman	
Less Developer Contribution		Director of Engineering	
		Approved By:	Date
		Hastings City Council	
		Authorized By:	Date
		Derek Zeisler	
TOTAL ESTIMATED COST OF WORK ORDER	\$88,619.25	Manager	

HASTINGS UTILITIES, HASTINGS, NEBRASKA

Work Order No.: SW-384
B.I. No.: 4.22
B.I. Yr.: 2024/2025

LABOR AND EQUIPMENT ESTIMATE

Classification of Labor or Equipment to be Used		No of Hr/Mi/Ft	Cost Per Unit	Subtotal	Total Cost
LABOR:	Engineering Department (\$50)	120	60.00	7,200.00	\$7,200.00
	Electric Department	0	65.00	0.00	
	Gas Department	0	55.00	0.00	
	TOTAL - LABOR				
TRUCKS:	Trucks 22 & 23 (Hours)			0.00	\$0.00
	Trucks 24 & 28 (Hours)			0.00	
	Trucks 25 & 26 (Hours)			0.00	
	Truck (Hours)			0.00	
				0.00	
				0.00	
	TOTAL - TRUCKS USAGE				
EQUIPMENT:	Air Compressor (Hours)			0.00	\$0.00
	Backhoe (Hours)			0.00	
	Boring Machine or Bore (Feet)			0.00	
	Packer (Hours)			0.00	
	Trench (Feet)			0.00	
	Skid Steer			0.00	
	Hydra Tamp (Hours)			0.00	
	Spoil Vac (Hours)			0.00	
TOTAL - EQUIPMENT USAGE				\$0.00	
TOTAL COST ALL LABOR AND EQUIPMENT ESTIMATE					\$7,200.00

MATERIAL ESTIMATE

Quantity		Stock Number	Description	Unit Price	Stock Material	New Material
1				1.00	1.00	
					-	
					-	
					-	
					-	
					-	
					-	
					-	
					-	
					-	
					-	
			TOTAL		\$ 1.00	\$ -

SW-384 Elm Meadows First Subdivision

Final Audit Report

2025-03-14

Created:	2025-03-14
By:	Renae Griess (rgriess@cityofhastings.org)
Status:	Signed
Transaction ID:	CBJCHBCAABAAxG0rckvqKkHGltWhZ0u4Ad_O9IGJXdn

"SW-384 Elm Meadows First Subdivision" History

-  Document created by Renae Griess (rgriess@cityofhastings.org)
2025-03-14 - 7:26:35 PM GMT
-  Document emailed to blubken@cityofhastings.org for signature
2025-03-14 - 7:27:22 PM GMT
-  Email viewed by blubken@cityofhastings.org
2025-03-14 - 7:28:12 PM GMT
-  Signer blubken@cityofhastings.org entered name at signing as Brandon Lubken 3-14-25
2025-03-14 - 7:33:55 PM GMT
-  Document e-signed by Brandon Lubken 3-14-25 (blubken@cityofhastings.org)
Signature Date: 2025-03-14 - 7:33:57 PM GMT - Time Source: server
-  Document emailed to lvrooman@cityofhastings.org for signature
2025-03-14 - 7:33:58 PM GMT
-  Email viewed by lvrooman@cityofhastings.org
2025-03-14 - 7:34:52 PM GMT
-  Signer lvrooman@cityofhastings.org entered name at signing as Lee Vrooman
2025-03-14 - 8:17:41 PM GMT
-  Document e-signed by Lee Vrooman (lvrooman@cityofhastings.org)
Signature Date: 2025-03-14 - 8:17:43 PM GMT - Time Source: server
-  Document emailed to Derek Zeisler (dzeisler@cityofhastings.org) for signature
2025-03-14 - 8:17:44 PM GMT
-  Email viewed by Derek Zeisler (dzeisler@cityofhastings.org)
2025-03-14 - 8:18:36 PM GMT

 Document e-signed by Derek Zeisler (dzeisler@cityofhastings.org)

Signature Date: 2025-03-14 - 9:17:56 PM GMT - Time Source: server

 Agreement completed.

2025-03-14 - 9:17:56 PM GMT



Adobe Acrobat Sign

Section B: Event Agreement

This application must be filed with the Hastings City Clerk
at least 60 days prior to the date of the event.

Fees may be applicable.

Date(s) of Event: 07/04/2025 Event Name: 4th of July Parade
Contact Person: Laura Stutte Phone: 3212310315
Address: 2525 W. 2nd St. Suite 110 Hastings, NE
Email: lstutte@ywcaadamscounty.org Daytime Phone: 402-462-8821
Name of Organization Hosting Event: YWCA Adams County
Type of Organization: ☐ Corporation ☐ LLC ☒ Other If Other, provide name: 501c3
Type of Event: Children's Activities and Parade
Example: Running, Biking, Parade, etc. (Held on City Property or Public Right-of-Way)

Will alcohol be served at this event? ☐ Yes ☒ No

- If yes, license agreement is required.
- SDL-Local Recommendation may be attached when submitting this application.
- Please review City Code Section 8-107 for alcohol consumption restrictions on property owned by city.
- City fee for fencing is \$300 per event. Fencing fee payable to the City of Hastings Engineering Department, **prior** to event. Refer to Nebraska Liquor Control Rules and Regulations for fencing requirements.

Will electrical power be needed? ☒ Yes ☐ No (Only permitted where currently available.)

Will tents over 400 sq. ft. and/or mobile food vendors be set up at this event? ☐ Yes ☒ No

- If yes, please contact Hastings Fire & Rescue (402) 462-7157 for spacing and permitting requirements.
- For events with over 1,000 in attendance: One trained crowd manager to be provided for every 250 persons or fraction thereof. Contact Hastings Fire & Rescue (402) 462-7157 with questions.

Please describe activities included in this event:

We offer free activities in the yard surrounding Fisher Fountain. The parade starts at noon. The line up starts on 12th Street and wraps around Hastings Ave. We sell food and have raffle prizes to raise money for the YWCA. Setup begins around 8:30am and clean up finishes by 2pm.

Event Location: Fisher Fountain/Hastings Utilities

- Before an event is scheduled on City owned property, it must receive prior City approval.
- The event should not be held on a public street or roadway. Consider use of off-street trails such as the Pioneer Spirit Trail.
- Please attach map of route of any such event.
- Review City Code Section 13-508 for prohibited acts: discharge of fireworks

Event Start Time: 10:00am * Start Time Needed to Set Up & Access Area (if applies): 8:00am

Event End Time: 1:00pm * Ending Time Needed to Clean up Area (if applies): 2:00pm

***If alcohol is being served, please make sure state alcohol permit times are consistent with actual event times.**

I represent that I am authorized to sign the agreement on behalf of the organization hosting this event and, if the event is approved by the City of Hastings, my organization agrees to defend, indemnify and hold the City of Hastings harmless for any loss or claim of loss related to this event.

Laura Stutte

Authorized Signature for Host Organization

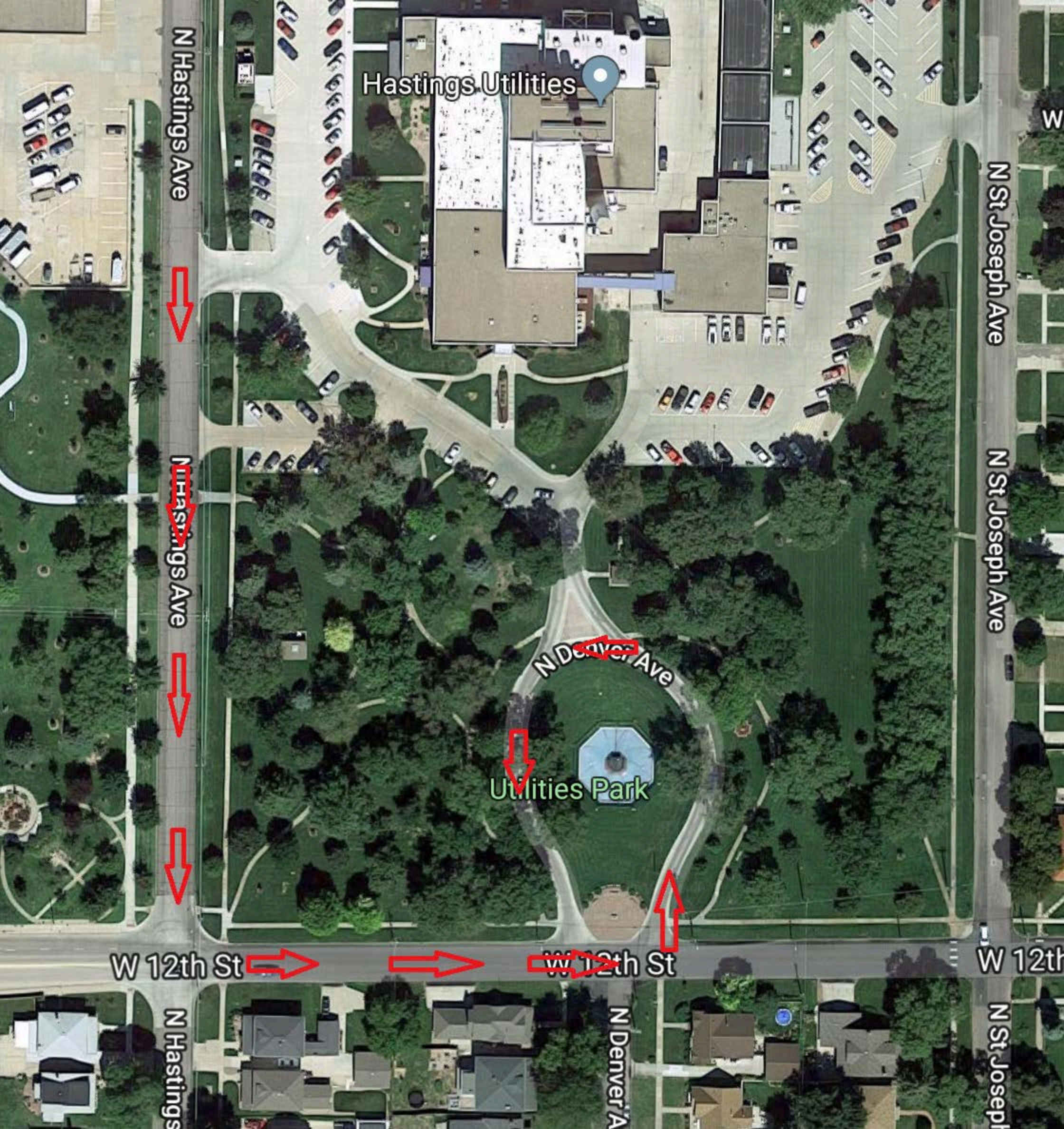
03-06-2025

Date

Official Office Use Only

Authorized Signature – City of Hastings

Date of Council Approval



Hastings Utilities

N St Joseph Ave

N St Joseph Ave

W 12th St

N St Joseph Ave

Utilities Park

N Denver Ave

N Hastings Ave

N Hastings Ave

W 12th St

W 12th St

N Hastings Ave

N Denver Ave



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/6/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Ellerbrock-Norris Agency, Inc. P.O. Box 816 Hastings, NE 68902-0816	CONTACT NAME: Jenn Sander PHONE (A/C, No, Ext): (308) 708-7606 FAX (A/C, No): E-MAIL ADDRESS: jsander@ellerbrock-norris.com
	INSURER(S) AFFORDING COVERAGE INSURER A : Convelo Insurance Group
INSURED Young Women's Christian Association of Adams County, Nebraska DBA YWCA of Adams County 2525 W. 2nd St Ste. 110 Hastings, NE 68901	INSURER B : INSURER C : INSURER D : INSURER E : INSURER F :

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☒ POLICY ☐ PROJECT ☐ LOC OTHER:			0435111 25-822133	11/30/2024	11/30/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	☒ AUTOMOBILE LIABILITY ☐ ANY AUTO OWNED AUTOS ONLY ☒ HIRED AUTOS ONLY ☐ SCHEDULED AUTOS ☒ NON-OWNED AUTOS ONLY			0435111 09-822131	11/30/2024	11/30/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	☐ UMBRELLA LIAB ☐ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE DED ☐ RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) ☐ Y / N If yes, describe under DESCRIPTION OF OPERATIONS below		N / A				PER STATUTE ☐ OTH-ER ☐ E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
RE: Downtown Farmers Market

The General Liability policy includes an automatic additional insured endorsement that provides additional insured status only when there is a written contract between the named insured and the certificate holder/entities that require such status prior to a loss. Coverage is provided on a Primary and noncontributory basis and only applies to the extent permitted by law. Waiver of Subrogation for the General Liability policy applies only if there is a written contract between the named insured and the certificate holder/entity(ies) that require such form language prior to a loss, and only to the extent permitted by law.

CERTIFICATE HOLDER

CANCELLATION

City of Hastings 220 North Hastings Avenue P.O. Box 1085	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE



South Central Economic Development District, Inc.

POB 79; 401 East Ave (2nd Floor)
Holdrege, NE 68949

Invoice

Date	Invoice #
3/5/2025	1883

Bill To
City of Hastings 2727 W 2nd #424 Hastings, NE 68901

P.O. No.	Terms	Project

Quantity	Description	Rate	Amount
	CDBG Grant Administration for the City of Hastings 23-ED-001 Administrative work completed from 11/1/2024 through 2/28/2025 - Grant accounting and filing, submission of draw request - File maintenance - Project Status Report Work completed in accordance with Scope of Services in Agreement between City and SCEDD.	1,150.00	1,150.00
		Total	\$1,150.00



Request for Funds (Drawdown/Payment Request)
Community Development Block Grant Program
Nebraska Department of Economic Development

Name of Subrecipient (Local Unit of Government) City of Hastings			Mailing Address 2727 W. 2nd, Suite 424		City Hastings	State NE	ZIP 68901
CDBG Agreement Number 23-ED-001	Federal Identification Number 47-6006221	DUNS Number 076980556	UEI Number EL29BJC4KB19	SAM Expiration Date 08/14/2025	Number sequence order of funds 4	Final Drawdown no	DED Program Representative Tom Stephens

Part I – STATUS OF FUNDS

1. CDBG Funds Received to Date	\$ 4,000.00
2. Add: Program Income Received to Date (exclude RLF)	\$ 0.00
3. Subtotal	\$ 4,000.00
4. Less: Federal Funds Disbursed To Date (Must Agree To Total Of Part II, Line 3)	\$ 4,000.00
5. Total: Federal Funds On Hand (Must Agree To Part II, Line 6)	

Part II – CASH REQUIREMENTS (Identify all activities listed in the CDBG Agreement, even if funds are not being requested.)

Activity/Budget Category	18A Working Cap/ Equipment	21A General Administration					TOTAL
1. Total Cash Requirements To Date	\$ 0.00	\$ 5,150.00	\$ 0.00				\$ 5,150.00
2. Less: Local Funds Disbursed (includes RLF) (exclude Program Income)	\$ 0.00	\$ 0.00					
3. Less: Federal Funds Disbursed (include Program Income) Total Must Agree To Part I, Line 4 (exclude RLF)	\$ 0.00	\$ 4,000.00					\$ 4,000.00
4. Total Current Cash Requirements		\$ 1,150.00					\$ 1,150.00
5. Less: Unpaid Previous Request.							
6. Less: Federal Funds On Hand (Must Agree To Part I, Line 5)							
7. Net Amount of Federal Funds Requested							\$ 1,150.00

By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and objectives set forth in the terms and conditions of the Federal award, I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise. (U.S. Code Title 18, Section 1001 and Title 31, Sections 3729-3730 and 3801-3812). I also certify that the amount of the request for federal funds is not in excess of current needs.

Signature of Authorized Official (Mayor/Board Chairman)	Typed Name of Authorized Official George J.J. Beckby, Mayor	Date
Signature of Authorized Official (Clerk/Treasurer)	Typed Name of Authorized Official Tyler Ficken, City Clerk	Date
Person Preparing Request for CDBG Funds Form Name: Lori Ferguson	Organization: SCEDD, Inc.	Telephone Number: 308.455.4772
		Email: lorif@scedd.us

PLEASE REFER TO INSTRUCTIONS FOR ADDITIONAL GUIDANCE. INCOMPLETE OR INCORRECT FORMS WILL NOT BE PROCESSED

***To update calculations, either tab two (2) fields or click on a different field with your mouse.

Reset Form

Instructions: CDBG Request for Funds (Drawdown/Payment Request)

If a subrecipient has more than one CDBG agreement, funds must be requested separately. Carefully enter all requested information. Double check addition and subtraction. Funds requested must reflect actual eligible cost incurred. Claim exact amounts on each reimbursement down to the penny on the reimbursement request. Requests for funds are to be submitted only as funds are needed for immediate disbursement. Refer to the CDBG Administration Manual, Chapter 12 for more information.

With the exception of the final draw, or requested by DED, there is a **minimum to be drawn** as described below:

- **\$500:** Request for general administration expenditures only.
- **\$1,500:** Request amount for general administration and project expenditures
- **\$1,500:** Request amount for project expenditures only

Identifying Information

The top portion of the Request for CDBG Funds will be completed with the appropriate identifying information.

- **Name of Subrecipient:** Input name of local unit of government who entered into the Agreement with DED.
- **Mailing Address:** Input the mailing address of the subrecipient
- **CDBG Agreement Number:** the number assigned to the contractual agreement between DED and the subrecipient.
- **Federal Identification Number:** Input the subrecipient's federal identification number.
- **DUNS Number:** Input the subrecipient's DUNS Number. If submitting a request after April 4, 2022, this can be left blank.
- **UEI Number:** Input the Unique Entity Identifier number for the subrecipient. This can be located on sam.gov.
- **SAM Expiration Date:** System for Awards Management (SAM) registrant expiration date to receive payment of federal funds. All entities receiving federal funds are required to have an active status within SAM.
- **Number Sequence Order of Funds:** Each request must be sequentially numbered by the subrecipient. Number each request for funds in sequence based on the signature date by the authorized officials.
- **Final Drawdown:** Input "yes" if this is the last request for CDBG; Input "no" if this is not the last request for CDBG funds.
- **DED Program Representative:** Identify the DED Representative who is the main contact associated with the CDBG Agreement.

PART II: Cash Requirements

Part II provides information on the subrecipient's cash requirements. In the row labeled "Activity/Budget Category", identify all the activity code and activity name (as shown in the Sources and Uses Section of the CDBG agreement) above each column. Be sure to complete Part II for all approved activities even if funds are not requested for all activities.

- Line 1** Enter the total of all cash requirements to date for each activity/budget category. This amount should be equal to all expenditures paid to date plus cash needed to meet immediate cash obligations.
- Line 2** Subtract all local matching or other funds disbursed. (Include program income designated for revolving loan funds from prior CDBG agreements for same activities.) This will include local funds already expended and local funds, which will be expended to meet Line 1.
- Line 3** Subtract federal funds applied (include program income). The total of this row must equal the amount shown on Part I, Line 4.
- Line 4** Subtotal by subtracting Lines 2 and 3 from Line 1. This amount should be equal the amount of federal funds needed for immediate cash obligations.
- Line 5** Subtract the amount of any previous Request for CDBG funds, which has not yet been received.
- Line 6** Subtract the amount of federal funds on hand. This amount must equal the amount on Part I, Line 5.
- Line 7** The net amount of federal funds requested is determined by subtracting Lines 5 and 6 from Line 4. This should be the amount of CDBG funds needed (when added to CDBG funds on hand and CDBG funds requested but not yet received) to meet immediate cash obligations.

PART I: Status of Funds

Part I of the form will provide the status of CDBG funds for the related CDBG agreement.

- Line 1** List all CDBG funds received to date.
- Line 2** Add program income received from activities related to the CDBG agreement (exclude program income designated for revolving loan funds).
- Line 3** Subtotal Lines 1 and 2.
- Line 4** Subtract all disbursements of CDBG funds to date (MUST agree to total of Part II, Line 3).
- Line 5** Federal funds on hand should reflect CDBG funds which have not been disbursed.

Signatures

Signatures of both the Mayor/Board Chairperson and the Clerk/Treasurer are necessary to process the Request for CDBG Funds. Signatures must agree to authorization signatures submitted to DED on the Authorization to Request Community Development Block Grant Funds. After signing and dating the Request for CDBG Funds, the subrecipient should retain a copy of the form and upload within AmpliFund.

INCOMPLETE OR INCORRECT FORMS WILL NOT BE PROCESSED.



South Central Economic Development District, Inc.

POB 79; 401 East Ave (2nd Floor)
Holdrege, NE 68949

Invoice

Date	Invoice #
3/5/2025	1884

Bill To
City of Hastings 2727 W 2nd St., Suite 424 Hastings, NE 68901

P.O. No.	Terms	Project

Quantity	Description	Rate	Amount
	CDBG Grant Administration for the City of Hastings 24-PWF-001 Administrative work completed 11/7/2024 through 2/28/2025 - Work with City on contract with Nebraska Department of Economic Development - Special Conditions for Release of Funds - Grant accounting and filing - Preparation of account; financial items Work completed in accordance with Scope of Services in Agreement between City and SCEDD.	2,990.00	2,990.00
		Total	\$2,990.00



Request for Funds (Drawdown/Payment Request)
Community Development Block Grant Program
Nebraska Department of Economic Development

Name of Subrecipient (Local Unit of Government) City of Hastings			Mailing Address 2727 W. 2nd Suite 424		City Hastings	State NE	ZIP 68901
CDBG Agreement Number 24-PWF-001	Federal Identification Number 47-6006221	DUNS Number 076980556	UEI Number EL29BJC4KB19	SAM Expiration Date 08/14/2025	Number sequence order of funds 1	Final Drawdown No	DED Program Representative Nicole Bartels

Part I – STATUS OF FUNDS

1. CDBG Funds Received to Date	\$ 0.00
2. Add: Program Income Received to Date (exclude RLF)	\$ 0.00
3. Subtotal	
4. Less: Federal Funds Disbursed To Date (Must Agree To Total Of Part II, Line 3)	\$ 0.00
5. Total: Federal Funds On Hand (Must Agree To Part II, Line 6)	

Part II – CASH REQUIREMENTS (Identify all activities listed in the CDBG Agreement, even if funds are not being requested.)

Activity/Budget Category	03P Health Facilities	03P Const. Management	21A General Admin				TOTAL
1. Total Cash Requirements To Date	\$ 0.00	\$ 0.00	\$ 2,990.00				\$ 2,990.00
2. Less: Local Funds Disbursed (includes RLF) (exclude Program Income)	\$ 0.00	\$ 0.00	\$ 0.00				
3. Less: Federal Funds Disbursed (include Program Income) Total Must Agree To Part I, Line 4 (exclude RLF)	\$ 0.00	\$ 0.00	\$ 0.00				
4. Total Current Cash Requirements			\$ 2,990.00				\$ 2,990.00
5. Less: Unpaid Previous Request.							
6. Less: Federal Funds On Hand (Must Agree To Part I, Line 5)							
7. Net Amount of Federal Funds Requested							\$ 2,990.00

By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and objectives set forth in the terms and conditions of the Federal award, I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise. (U.S. Code Title 18, Section 1001 and Title 31, Sections 3729-3730 and 3801-3812). I also certify that the amount of the request for federal funds is not in excess of current needs.

Signature of Authorized Official (Mayor/Board Chairman)	Typed Name of Authorized Official George J.J. Beckby, Mayor		Date
Signature of Authorized Official (Clerk/Treasurer)	Typed Name of Authorized Official Tyler Ficken, Clerk		Date
Person Preparing Request for CDBG Funds Form Name: Lori Ferguson	Organization: SCEDD, Inc.	Telephone Number: 308.455.4772	Email: lorif@scedd.us

PLEASE REFER TO INSTRUCTIONS FOR ADDITIONAL GUIDANCE. INCOMPLETE OR INCORRECT FORMS WILL NOT BE PROCESSED

***To update calculations, either tab two (2) fields or click on a different field with your mouse.

Reset Form

Instructions: CDBG Request for Funds (Drawdown/Payment Request)

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With the exception of the final draw, or requested by DED, there is a **minimum to be drawn** as described below:

- **\$500:** Request for general administration expenditures only.
- **\$1,500:** Request amount for general administration and project expenditures
- **\$1,500:** Request amount for project expenditures only

Identifying Information

The top portion of the Request for CDBG Funds will be completed with the appropriate identifying information.

- **Name of Subrecipient:** Input name of local unit of government who entered into the Agreement with DED.
- **Mailing Address:** Input the mailing address of the subrecipient
- **CDBG Agreement Number:** the number assigned to the contractual agreement between DED and the subrecipient.
- **Federal Identification Number:** Input the subrecipient's federal identification number.
- **DUNS Number:** Input the subrecipient's DUNS Number. If submitting a request after April 4, 2022, this can be left blank.
- **UEI Number:** Input the Unique Entity Identifier number for the subrecipient. This can be located on sam.gov.
- **SAM Expiration Date:** System for Awards Management (SAM) registrant expiration date to receive payment of federal funds. All entities receiving federal funds are required to have an active status within SAM.
- **Number Sequence Order of Funds:** Each request must be sequentially numbered by the subrecipient. Number each request for funds in sequence based on the signature date by the authorized officials.
- **Final Drawdown:** Input "yes" if this is the last request for CDBG; Input "no" if this is not the last request for CDBG funds.
- **DED Program Representative:** Identify the DED Representative who is the main contact associated with the CDBG Agreement.

PART II: Cash Requirements

Part II provides information on the subrecipient's cash requirements. In the row labeled "Activity/Budget Category", identify all the activity code and activity name (as shown in the Sources and Uses Section of the CDBG agreement) above each column. Be sure to complete Part II for all approved activities even if funds are not requested for all activities.

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PART I: Status of Funds

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- Line 1** List all CDBG funds received to date.
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- Line 3** Subtotal Lines 1 and 2.
- Line 4** Subtract all disbursements of CDBG funds to date (MUST agree to total of Part II, Line 3).
- Line 5** Federal funds on hand should reflect CDBG funds which have not been disbursed.

Signatures

Signatures of both the Mayor/Board Chairperson and the Clerk/Treasurer are necessary to process the Request for CDBG Funds. Signatures must agree to authorization signatures submitted to DED on the Authorization to Request Community Development Block Grant Funds. After signing and dating the Request for CDBG Funds, the subrecipient should retain a copy of the form and upload within AmpliFund.

INCOMPLETE OR INCORRECT FORMS WILL NOT BE PROCESSED.

Department: CRA
Staff Contact: Randy Chick
Council Meeting Date: 3/24/2025

AGENDA ITEM SUMMARY SHEET

Description of Item:

The City of Hastings is the grantee for the Community Development Block Grant (CDBG) 21-DTR-007, the Downtown Revitalization project. Per grant requirements, this payment must be listed on the City Council agenda and formally approved. The CDBG reimburses 100% of administrative activity costs for CDBG #21-DTR-007.

Names of People/Business affected by this action:

City of Hastings, SCEDD, the Nebraska Dept. of Economic Development (DED)

Why Council action is required:

The City of Hastings is the CDBG grant recipient. Per Nebraska Department of Economic Development regulations, all grant-related payments must be listed separately on the City Council agenda and formally approved.

Type of action requested:

Motion

Suggested motion:

Motion to approve payment of invoice #1882 for \$1,063.75 from South Central Economic Development District for General Administration work completed on the Downtown Revitalization Project (21-DTR-007).

Deadlines associated with action:

None

Department head comments:

City Administrator comments:



South Central Economic Development District, Inc.
POB 79; 401 East Ave (2nd Floor)
Holdrege, NE 68949

Invoice

Date	Invoice #
3/5/2025	1882

Bill To
City of Hastings 2727 W 2nd St., Suite 424 Hastings, NE 68901

P.O. No.	Terms	Project

Quantity	Description	Rate	Amount
	CDBG Grant Administration for the City of Hastings 21-DTR-007 Administrative work completed from 11/1/2024 through 2/28/2025 - Preparation of accounting, financial items (including, but not limited to draw requests) - Communications with Randy Chick about project amendment, project application, and project withdrawal, new project at 405 W. 2nd - Project Status Report Work completed in accordance with Scope of Services in Agreement between City and SCEDD.	1,063.75	1,063.75
		Total	\$1,063.75

Department: CRA
Staff Contact: Randy Chick
Council Meeting Date: 3/24/2025

AGENDA ITEM SUMMARY SHEET

Description of Item:

The City of Hastings is the grantee for the Community Development Block Grant (CDBG) 21-DTR-007, the Downtown Revitalization project. Approval of this draw is authorization to request grant funds from the Nebraska Department of Economic Development (NEDED). Per grant requirements, this payment must be listed on the City Council agenda and formally approved. There is no local match requirement.

Names of People/Business affected by this action:

City of Hastings, SCEDD, the Nebraska State Dept. of Economic Development (DED)

Why Council action is required:

The City of Hastings is the CDBG grant recipient. Per Nebraska Department of Economic Development regulations all grant-related payments must be listed separately on the City Council agenda and formally approved.

Type of action requested:

Motion

Suggested motion:

Motion to approve Drawdown Request for CDBG funds, for \$1,063.75 for General Administration work completed on the Downtown Revitalization Project (21-DTR-007).

Deadlines associated with action:

None

Department head comments:

City Administrator comments:



Request for Funds (Drawdown/Payment Request)
Community Development Block Grant Program
Nebraska Department of Economic Development

Name of Subrecipient (Local Unit of Government) City of Hastings			Mailing Address 2727 W. 2nd Suite 424		City Hastings	State NE	ZIP 68901
CDBG Agreement Number 21-DTR-007	Federal Identification Number 47-6006221	DUNS Number 076980556	UEI Number EL29BJC4KB19	SAM Expiration Date 08/14/2025	Number sequence order of funds 10	Final Drawdown No	DED Program Representative Gina Doose

Part I – STATUS OF FUNDS

1. CDBG Funds Received to Date	\$ 92,300.00
2. Add: Program Income Received to Date (exclude RLF)	\$ 0.00
3. Subtotal	\$ 92,300.00
4. Less: Federal Funds Disbursed To Date (Must Agree To Total Of Part II, Line 3)	\$ 92,300.00
5. Total: Federal Funds On Hand (Must Agree To Part II, Line 6)	

Part II – CASH REQUIREMENTS (Identify all activities listed in the CDBG Agreement, even if funds are not being requested.)

Activity/Budget Category	14E Commercial Rehab	14E Const. Management	21A General Admin				TOTAL
1. Total Cash Requirements To Date	\$ 100,754.34	\$ 1,000.00	\$ 16,163.75				\$ 117,918.09
2. Less: Local Funds Disbursed (includes RLF) (exclude Program Income)	\$ 24,554.34	\$ 0.00	\$ 0.00				\$ 24,554.34
3. Less: Federal Funds Disbursed (include Program Income) Total Must Agree To Part I, Line 4 (exclude RLF)	\$ 76,200.00	\$ 1,000.00	\$ 15,100.00				\$ 92,300.00
4. Total Current Cash Requirements			\$ 1,063.75				\$ 1,063.75
5. Less: Unpaid Previous Request.							
6. Less: Federal Funds On Hand (Must Agree To Part I, Line 5)							
7. Net Amount of Federal Funds Requested							\$ 1,063.75

By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and objectives set forth in the terms and conditions of the Federal award, I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise. (U.S. Code Title 18, Section 1001 and Title 31, Sections 3729-3730 and 3801-3812). I also certify that the amount of the request for federal funds is not in excess of current needs.

Signature of Authorized Official (Mayor/Board Chairman)	Typed Name of Authorized Official George J.J. Beckby, Mayor	Date
Signature of Authorized Official (Clerk/Treasurer)	Typed Name of Authorized Official Tyler Ficken, Clerk	Date
Person Preparing Request for CDBG Funds Form Name: Lori Ferguson	Organization: SCEDD, Inc.	Telephone Number: 308.455.4772
		Email: lorif@scedd.us

PLEASE REFER TO INSTRUCTIONS FOR ADDITIONAL GUIDANCE. **INCOMPLETE OR INCORRECT FORMS WILL NOT BE PROCESSED**

***To update calculations, either tab two (2) fields or click on a different field with your mouse.

Reset Form

Instructions: CDBG Request for Funds (Drawdown/Payment Request)

If a subrecipient has more than one CDBG agreement, funds must be requested separately. Carefully enter all requested information. Double check addition and subtraction. Funds requested must reflect actual eligible cost incurred. Claim exact amounts on each reimbursement down to the penny on the reimbursement request. Requests for funds are to be submitted only as funds are needed for immediate disbursement. Refer to the CDBG Administration Manual, Chapter 12 for more information.

With the exception of the final draw, or requested by DED, there is a **minimum to be drawn** as described below:

- **\$500:** Request for general administration expenditures only.
- **\$1,500:** Request amount for general administration and project expenditures
- **\$1,500:** Request amount for project expenditures only

Identifying Information

The top portion of the Request for CDBG Funds will be completed with the appropriate identifying information.

- **Name of Subrecipient:** Input name of local unit of government who entered into the Agreement with DED.
- **Mailing Address:** Input the mailing address of the subrecipient
- **CDBG Agreement Number:** the number assigned to the contractual agreement between DED and the subrecipient.
- **Federal Identification Number:** Input the subrecipient's federal identification number.
- **DUNS Number:** Input the subrecipient's DUNS Number. If submitting a request after April 4, 2022, this can be left blank.
- **UEI Number:** Input the Unique Entity Identifier number for the subrecipient. This can be located on sam.gov.
- **SAM Expiration Date:** System for Awards Management (SAM) registrant expiration date to receive payment of federal funds. All entities receiving federal funds are required to have an active status within SAM.
- **Number Sequence Order of Funds:** Each request must be sequentially numbered by the subrecipient. Number each request for funds in sequence based on the signature date by the authorized officials.
- **Final Drawdown:** Input "yes" if this is the last request for CDBG; Input "no" if this is not the last request for CDBG funds.
- **DED Program Representative:** Identify the DED Representative who is the main contact associated with the CDBG Agreement.

PART II: Cash Requirements

Part II provides information on the subrecipient's cash requirements. In the row labeled "Activity/Budget Category", identify all the activity code and activity name (as shown in the Sources and Uses Section of the CDBG agreement) above each column. Be sure to complete Part II for all approved activities even if funds are not requested for all activities.

- Line 1** Enter the total of all cash requirements to date for each activity/budget category. This amount should be equal to all expenditures paid to date plus cash needed to meet immediate cash obligations.
- Line 2** Subtract all local matching or other funds disbursed. (Include program income designated for revolving loan funds from prior CDBG agreements for same activities.) This will include local funds already expended and local funds, which will be expended to meet Line 1.
- Line 3** Subtract federal funds applied (include program income). The total of this row must equal the amount shown on Part I, Line 4.
- Line 4** Subtotal by subtracting Lines 2 and 3 from Line 1. This amount should be equal the amount of federal funds needed for immediate cash obligations.
- Line 5** Subtract the amount of any previous Request for CDBG funds, which has not yet been received.
- Line 6** Subtract the amount of federal funds on hand. This amount must equal the amount on Part I, Line 5.
- Line 7** The net amount of federal funds requested is determined by subtracting Lines 5 and 6 from Line 4. This should be the amount of CDBG funds needed (when added to CDBG funds on hand and CDBG funds requested but not yet received) to meet immediate cash obligations.

PART I: Status of Funds

Part I of the form will provide the status of CDBG funds for the related CDBG agreement.

- Line 1** List all CDBG funds received to date.
- Line 2** Add program income received from activities related to the CDBG agreement (exclude program income designated for revolving loan funds).
- Line 3** Subtotal Lines 1 and 2.
- Line 4** Subtract all disbursements of CDBG funds to date (MUST agree to total of Part II, Line 3).
- Line 5** Federal funds on hand should reflect CDBG funds which have not been disbursed.

Signatures

Signatures of both the Mayor/Board Chairperson and the Clerk/Treasurer are necessary to process the Request for CDBG Funds. Signatures must agree to authorization signatures submitted to DED on the Authorization to Request Community Development Block Grant Funds. After signing and dating the Request for CDBG Funds, the subrecipient should retain a copy of the form and upload within AmpliFund.

INCOMPLETE OR INCORRECT FORMS WILL NOT BE PROCESSED.

Department: CRA
Staff Contact: Randy Chick
Council Meeting Date: 3/24/2025

AGENDA ITEM SUMMARY SHEET

Description of Item:

The City of Hastings is the grantee for the Community Development Block Grant (CDBG) 24-DTR-004, the Downtown Revitalization project. Approval of this draw is authorization to request grant funds from the Nebraska Department of Economic Development (NEDED). Per grant requirements, this payment must be listed on the City Council agenda and formally approved.

Names of People/Business affected by this action:

City of Hastings, SCEDD, the Nebraska State Dept. of Economic Development (DED)

Why Council action is required:

The City of Hastings is the grantee for the Community Development Block Grant (CDBG) #24-DTR-004 the CDBG Downtown Revitalization projects. Per grant requirements, this payment must be listed on the City Council agenda and formally approved.

Type of action requested:

Motion

Suggested motion:

Motion to approve invoice #1885 in the amount of \$3,450.00 from South Central Economic Development District for administrative services for Community Development Block Grant (CDBG) #24-DTR-004.

Deadlines associated with action:

None

Department head comments:

City Administrator comments:



South Central Economic Development District, Inc.
POB 79; 401 East Ave (2nd Floor)
Holdrege, NE 68949

Invoice

Date	Invoice #
3/5/2025	1885

Bill To
City of Hastings 2727 W 2nd St., Suite 424 Hastings, NE 68901

P.O. No.	Terms	Project

Quantity	Description	Rate	Amount
	CDBG Grant Administration for the City of Hastings 24-DTR-004 Administrative work completed 11/7/2024 through 2/28/2025 - Special Conditions and Release of Funds admin work - Grant accounting and filing - Preparation of accounting, financial items Work completed in accordance with Scope of Services in Agreement between City and SCEDD.	3,450.00	3,450.00
Total			\$3,450.00

Department: CRA
Staff Contact: Randy Chick
Council Meeting Date: 3/24/2025

AGENDA ITEM SUMMARY SHEET

Description of Item:

The City of Hastings is the grantee for the Community Development Block Grant (CDBG) 24-DTR-004, the Downtown Revitalization project. Approval of this draw is authorization to request grant funds from the Nebraska Department of Economic Development (NEDED). Per grant requirements, this payment must be listed on the City Council agenda and formally approved. There is no local match requirement.

Names of People/Business affected by this action:

City of Hastings, SCEDD, the Nebraska State Dept. of Economic Development (DED)

Why Council action is required:

The City of Hastings is the CDBG grant recipient. Per Nebraska Department of Economic Development regulations all grant-related payments must be listed separately on the City Council agenda and formally approved.

Type of action requested:

Motion

Suggested motion:

Motion to approve Drawdown Request for CDBG funds, for \$3,450.00 for General Administration work completed on the Downtown Revitalization Project (24-DTR-004).

Deadlines associated with action:

None

Department head comments:

City Administrator comments:



Request for Funds (Drawdown/Payment Request)
Community Development Block Grant Program
Nebraska Department of Economic Development

Name of Subrecipient (Local Unit of Government) City of Hastings			Mailing Address 2727 W. 2nd Suite 424		City Hastings	State NE	ZIP 68901
CDBG Agreement Number 24-DTR-004	Federal Identification Number 47-6006221	DUNS Number 076980556	UEI Number EL29BJC4KB19	SAM Expiration Date 08/14/2025	Number sequence order of funds 1	Final Drawdown No	DED Program Representative Gina Doose

Part I – STATUS OF FUNDS

1. CDBG Funds Received to Date	\$ 0.00
2. Add: Program Income Received to Date (exclude RLF)	\$ 0.00
3. Subtotal	
4. Less: Federal Funds Disbursed To Date (Must Agree To Total Of Part II, Line 3)	\$ 0.00
5. Total: Federal Funds On Hand (Must Agree To Part II, Line 6)	

Part II – CASH REQUIREMENTS (Identify all activities listed in the CDBG Agreement, even if funds are not being requested.)

Activity/Budget Category	14E Commercial Rehab	14E Const. Management	21A General Admin				TOTAL
1. Total Cash Requirements To Date	\$ 0.00	\$ 0.00	\$ 3,450.00				\$ 3,450.00
2. Less: Local Funds Disbursed (includes RLF) (exclude Program Income)	\$ 0.00	\$ 0.00	\$ 0.00				
3. Less: Federal Funds Disbursed (include Program Income) Total Must Agree To Part I, Line 4 (exclude RLF)	\$ 0.00	\$ 0.00	\$ 0.00				
4. Total Current Cash Requirements			\$ 3,450.00				\$ 3,450.00
5. Less: Unpaid Previous Request.							
6. Less: Federal Funds On Hand (Must Agree To Part I, Line 5)							
7. Net Amount of Federal Funds Requested							\$ 3,450.00

By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and objectives set forth in the terms and conditions of the Federal award, I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise. (U.S. Code Title 18, Section 1001 and Title 31, Sections 3729-3730 and 3801-3812). I also certify that the amount of the request for federal funds is not in excess of current needs.

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INCOMPLETE OR INCORRECT FORMS WILL NOT BE PROCESSED.

Department: Development Services
Staff Contact: Ember Batelaan, Chad Bunger
Council Meeting Date: 3/24/2025

AGENDA ITEM SUMMARY SHEET

Description of Item:

The applicant, Daniel Hernandez, has applied to rezone a 1.5-acre parcel located at 913 W J Street from R-1, Urban Single-Family Residential District to C-3, Commercial Business District.

Names of People/Business affected by this action:

The applicant, surrounding neighborhood, people of Hastings, and the City

Why Council action is required:

Neb. Rev. Stat. 19-902 provides the city council shall receive the advice of the planning commission before taking definite action on any contemplated amendment, supplement, change, modification, or repeal, and no such regulation, restriction, or boundary shall become effective until after separate public hearings are held by both the planning commission and the city council in relation thereto, at which parties in interest and citizens shall have an opportunity to be heard. Notice of the time and place of such hearing shall be given by publication thereof in a legal newspaper in or of general circulation in such municipality at least one time ten days prior to such hearing.

Type of action requested:

Motion
Ordinance

Suggested motion:

Approve Ordinance No. 4791 and the amendment to the Official Zoning District Map to rezone the property at 913 W J Street from R-1, Urban Single-Family Residential District to C-3, Commercial Business District.

Deadlines associated with action:

Department head comments:

Development Services staff has reviewed the application to rezone the property located at 913 W J Street. The complete details of the staff review and recommendation are in the attached staff report.

The Planning Commission held a public hearing for the request on March 4, 2025, and recommended approval to the City Council by a vote of 7-0.

City Administrator comments:

Zoning change was requested by the property owner. Recommend Approval.

City of Hastings Planning Commission



STAFF REPORT

Request to Rezone: From R-1, Urban Single-Family Residential District to C-3, Commercial Business District

Case No. 2025-50

Applicant Daniel Hernandez

Property Location: 913 W J Street, Hastings, Adams County, Nebraska

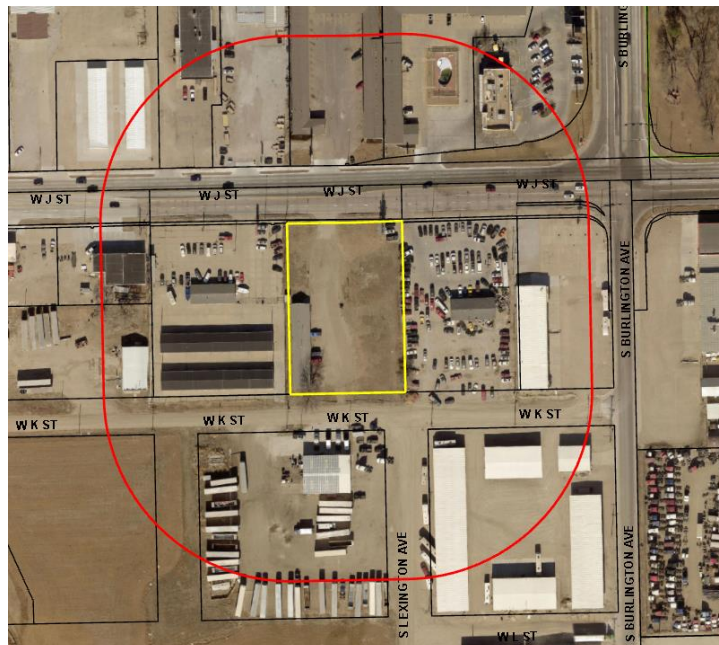
Lot Size: 1.5 acres (0.6 acres to be rezoned)

Date of Public Hearing: March 4, 2025

Current Zoning R-1, Urban Single-Family Residential District & C-3, Commercial Business District

Adjacent Zoning:

- North: C-3, Commercial Business District
- East: C-3, Commercial Business District & R-1, Urban Single-Family Residential District
- South: C-3, Commercial Business District & R-1, Urban Single-Family Residential District
- West: I-2, Heavy Industrial District



DESCRIPTION OF REZONING REQUESTS: The applicant has requested to rezone the 1.5-acre tract of land from R-1, Urban Single-Family Residential District to C-3, Commercial Business District. The area to be rezoned is approximately 0.6 acres and encompasses Lots 4, 5, and 6, Block 2 of Veiths Park Addition.

The applicant has stated in the application materials that “the proposed rezoning is a request to have the full parcel zoned to C-3.” The parcel is currently zoned C-3, Commercial Business District on the north half of the property and R-1, Urban Single-Family Residential District on the south half of the property.

No specific development plans or building permits have been provided for the future of the property.

Property Description: The property consists of five full lots and approximately 20 feet of a sixth platted lot in the Veiths Park Addition. The property is roughly 150 feet wide, east to west, and 270 feet deep, north to south. The land currently consists of a 50-year-old apartment and a gravel parking lot. The site is relatively flat.

Access is provided to the lot by existing curb cuts off West J Street. There is no sidewalk in the area.

STANDARDS TO REZONE PROPERTY:

The provisions of [Article VIII](#) regulate the process to rezone property within the City and its extraterritorial jurisdiction.

The City Council, by recommendation from the City Planning Commission, will base its decision on the following:

a) The existing use of the property, its physical and environmental characteristics, its zoning history, and its suitability for the zoning district it currently is within.

The property was originally subdivided by the Veiths Park Addition in 1887. An apartment building was built in 1975 on the southern half of the property, in the R-1 zoned area of the property. The site is relatively flat with no environmental concerns on the site.

The site has been zoned C-3 and R-1 Districts since 1958. The C-3 District allows detached, semi-attached, attached, and multi-dwelling buildings. The R-1 District allows detached dwellings. The existing apartment building is not an allowed use in the R-1 District, however rezoning the property to the C-3 District would bring the property into conformance.

b) Conformity of the proposed change with the Comprehensive Plan.

The property is designated as Commercial/Retail with a Highway 6 Overlay in the 2009 Imagine Hastings Comprehensive Plan Future Land Use Map.

The policy statement for the Commercial/Retail use designation is:

The commercial/retail land use designation provides the opportunity for the development of general retail and service uses that serve neighborhoods and the community and region. This category also allows for, but is not limited to, general retail including grocery stores, personal services (dry cleaning, beauty salon, bank), restaurants (drive-in and drive-through) and gas stations. This land use designation may also include office uses. Supporting uses such as open space and recreation are also appropriate. Commercial/retail uses should be along primary arterials such as Burlington Avenue and Highway 6. Defined local access and connections to nearby neighborhoods through streets and sidewalks should be provided. Destination and through traffic should be discouraged within the surrounding neighborhoods.

The policy statement for the Highway 6 Overlay designation is:

An overlay district is an additional zoning requirement that is placed on a geographic area but does not change the underlying zoning. Overlay districts have been used to impose additional development standards in specific locations within a community. There are three overlay districts proposed in Hastings; South Burlington, Highway 6, and the Urban Industrial. Each of these overlay districts is designed to enhance the development pattern, access and circulation, and appearance of these areas through the creation of development standards.

Use of the property for commercial uses is appropriate. The 2009 Comprehensive Plan's Highway 6 Overlay designation proposed a zoning overlay district for the area that was never adopted. The proposed rezoning conforms to the Comprehensive Plan.

c) Adequacy of sewer, water, streets, and other needed facilities and services for permitted uses in the proposed zoning district.

The site is currently served by City utilities. These utilities should be adequate to provide needed water, sanitary sewer, electricity, and gas for the existing and future uses.

d) The character of the neighborhood, including the zoning and uses of nearby property.

The surrounding area can be considered a commercial/industrial area with commercial businesses fronting on W J Street (Highway 6) and industrial uses located to the south.

To the north, east, and west are various commercial businesses zoned C-3, Commercial Business District and to the south are industrial businesses zoned I-2, Heavy Industrial District.

As previously stated, the applicant has not provided detailed plans for the property. Rezoning the property to C-3 District would allow for one zoning district on the tract of land owned by one party, avoid confusion, and would bring the multiple-family building into conformance with the zoning regulations.

The proposed rezoning would meet the general character of the surrounding neighborhood.

e) Compatibility of the proposed zoning district with nearby property.

The proposed zoning district is compatible with nearby properties, which are also zoned C-3, Commercial Business District.

f) Additional matters as might apply in individual cases. Not applicable.

STAFF COMMENTS: Staff recommends the Planning Commission recommend **APPROVAL** of the request to Rezone the property at 913 W J Street, from R-1, Urban Single-Family Residential District to C-3, Commercial Business District to the City Council, based on the recommendations in the Staff Report.

PREPARED BY: Ember Batelaan, City Planner

DATE: February 19, 2025

ATTACHMENTS:

1. Application materials
2. 2009 Comprehensive Plan Future Land Use
3. Uses and district table (C-3 District highlighted)
4. C-3 District Regulations
5. Staff summary presentation

ORDINANCE NO. 4791

AN ORDINANCE OF THE CITY OF HASTINGS, NEBRASKA, TO REZONE THE PROPERTY DESCRIBED IN SECTION ONE OF THIS ORDINANCE FROM R-1, URBAN SINGLE-FAMILY RESIDENTIAL DISTRICT, AND C-3, COMMERCIAL BUSINESS DISTRICT TO ENTIRELY C-3, COMMERCIAL BUSINESS DISTRICT,; TO AMEND THE OFFICIAL ZONING DISTRICT MAP OF THE CITY OF HASTINGS, NEBRASKA AS PROVIDED IN SECTION 34-105 OF THE OFFICIAL HASTINGS CITY CODE; TO REPEAL ANY ORDINANCES IN CONFLICT HEREWITH; AND TO PROVIDE WHEN THIS ORDINANCE SHALL BE IN FULL FORCE AND EFFECT.

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF HASTINGS, NEBRASKA:

SECTION 1. That pursuant to the application for rezoning filed with the City of Hastings, the property legally described as follows:

All of Lots 1 to 6, Block 2 of Veith's Park Addition to the City of Hastings, Adams County, Nebraska, and the West 35 feet of the vacated South Lexington Avenue, as filed with the Adams County Register of Deeds.

be and the same is hereby rezoned to entirely "C-3, Commercial Business District," from "R-1, Urban Single-Family Residential District" and "C-3, Commercial Business District."

SECTION 2. That the City Engineer is hereby directed to cause the official zoning district map of the City of Hastings, Nebraska to be amended in accordance with the foregoing provisions.

SECTION 3. That any ordinance passed and approved prior to the passage, approval and publication or posting of this ordinance, and in conflict with its provisions, is hereby repealed.

SECTION 4. That this ordinance shall take effect and be in full force and effect from and after its passage, approval and publication in pamphlet form.

PASSED AND APPROVED by the Mayor and City Council of the City of Hastings, Nebraska, this 24th day of March, 2025.

George, J.J. Beckby, Mayor

(SEAL)

ATTEST:

Tyler Ficken, City Clerk

APPROVED TO FORM:

Jesse Oswald, City Attorney

Property Owner : CASABELLA ENTERPRISE LLC

Legal:

Twp: 07; Rng: 10; Block: 2; Lot: 1-6; Deeded Acres: 0.000
1376.00-LOTS 1-6 & VACATED ADJ ST EX HIGHWAY & EX TR
DESC 20202770 BLK 2 VEITHS PARK

Physical Address:

913 West J Street

Request to have full parcel zoned to C-3

From 2 different zoning: R1 and C-3

Future Land Use

City of Hastings, Nebraska

Future Land Use Plan Adopted
Planning Commission: 1-20-2009
City Council: 2-24-2009
Ordinance #4215

Map Last Updated: December 28, 2016

Land Use:

-  Rural Residential
-  Suburban Residential
-  Urban Residential
-  Mixed-Use - Neighborhood
-  Mixed-Use - Community
-  Mixed-Use Downtown
-  Commercial/Retail
-  Employment/Industrial
-  Public / Semi-Public
-  Parks & Recreation
-  Agriculture

Overlay Districts:

-  South Burlington Overlay
-  Highway 6 Overlay
-  Urban Industrial Overlay
-  Floodplain

-  City Boundary
-  ETJ Boundary
-  Education

General
Area

NAD

not to scale



TABLE 200-1: USES AND DISTRICTS														
	A	R-1	R-1A	R-1S	R-2	R-3	R-4	C-O	C-1	C-2	C-3	CMP	I-1	I-2
Residential Uses														
Detached dwelling	P	P	P	P	P	P	P	P	P		P			
Semi-attached dwelling					P	P	P	P	P		P			
Attached dwelling						P	P	P	P		P			
Multi-dwelling building						P	P	P	P		P			
Live/Work units							P	P	P	P				
Mixed-use dwelling							C			P		P		
Group housing		C	C	C	C	C	C				C			
Type A & B manufactured housing	P	P	P	P	P	P	P	P	P		P			
Mobile home court	C												C	C
Mobile home, accessory	C													
Detached dwelling, accessory	C													
Civic Uses														
Assembly, neighborhood	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Assembly, community								C	C	C	C	C	C	C
Eleemosynary or philanthropic institution.						C		C	C	P	P	P		
Golf course/Clubhouse (non-business)	P	P	P	P		C						P		
Public park/Playground	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Public museum or library	P	P	P	P	P	P	P	P	P	P	P	P	P	P
School, elementary	P	P	P	P	P	P	P	P	P			P		
School, secondary	R	R	R	R	R	R	R	R	R			P		
School, college or university	P					P						P		
Recreational vehicle park	C										C		C	C
Recreational vehicle, temporary use	R										R		R	R

Temporary structure, temporary use	P	R	R	R	R	R	R			P	P	P	P		
Service Uses															
Adult care, home	C	C	C	C	C	C	C	C	C	C	C	P			
Adult care facility								P	P	P	P	P			
Automobile service station, limited								C	P	P	P	P	P	P	
Automobile service station, general											P	P	P	P	
Automobile service station, large-scale											P	P	P	P	
Automobile repair, limited								C	C	C	P	P	P	P	
Automobile repair, general										C	P		P	P	
Bank								P	P	P	P	P	P	P	
Child care, home	R	R	R	R	R	R	R	R	R	R	R	P			
Child care facility					R	R		P	P	P	P	P	P	P	
Halfway house, quasi-institutional use													C	C	
Kennel, commercial	C										C		C	C	
Lodging, bed and breakfast	C	C	C	C	C	C	C	C	C	C					
Lodging, rooming house						C			P	P	P	P			
Lodging, hotel										P	P	P	P	P	
Lodging, motel											P	P	P	P	
Medical office	C							P	P	P	P	P			
Medical clinic	C							P	P		P	P	C	C	
Medical hospital	C							P	P			P	C	C	
Nursing home/Assisted living	C	C	C	C	C	C	C	P	P	C	P	P			
Professional services office								P	P	P	P	P	P	P	
Self storage, storage areas								C		R	C		C	C	
Veterinary office	P							P	P	P	P		P	P	
Veterinary hospital	P										C		C	C	
Employment Uses															

Home occupation	R	R	R	R	R	R	R	R	R	R	R			
Office, limited						C	C	P	P	P	P	P	P	P
Office, small							C	P	P	P	P	P	P	P
Office, general									C	P	P	P	P	P
Office complex/campus										C	P	P	P	P
Commercial and Retail Uses														
Convenience retail, automobile (< 5K s.f.)								C			P	P	P	P
Convenience retail, corner store (< 2K s.f.)							C	P	P	P	P	P	P	P
Neighborhood retail (< 5K s.f.)									P	P	P	P	P	P
General retail (5Ks.f.—20Ks.f.)										P	P	C	P	P
Large-scale retail (20K s.f.—100K s.f.)										C	P	C	P	P
Warehouse retail (> 100K s.f.)											P		P	P
Neighborhood grocery (< 45K s.f.)									P	P		P		
Supermarket (> 45K s.f.)											P	C	P	P
Indoor entertainment & Rec. business										P	P	C	P	P
Outdoor entertainment & Rec. business	C									C	C	C	C	C
Entertainment venue	C									C	C	C	C	C
Outdoor sales, limited									C	P	P	P	P	P
Outdoor sales, seasonal									C	C	C	C	C	C
Outdoor sales, yard											P		P	P
Mobile vendor, temporary use										R	R	R	R	R
Outdoor market (Farmers market)										P				
Restaurant									P	P	P	P	P	P
Industrial Uses														
Grain storage elevator	P												P	P
Manufacturing, limited								C	C	C	P	P	P	P
Manufacturing, light										C	C	C	P	P

[illegible]

Large scale wind generator (Wind farms	C												C	C
Telecommunication facilities and support structures	C							C	C	C	C	C	R	R

Key:

P = Permitted, allowed subject to general district standards

R = Restricted, allowed subject to specific use standards

C = Conditional, allowed subject to discretionary review

* Permitted use within the A District outside the City Limits, conditional use within A District within the City Limits.

([Ord. No. 4342-3/2013](#); [Ord. No. 4674](#), § 2, 11-8-2021; [Ord. No. 4735](#), § 2, 5-8-2023)

Sec. 34-211. - C-3 Commercial Business Districts.

- (1) *Intent.* This district includes those areas which are heavily exposed to automobile traffic and which have been developed with general commercial uses. The district is intended specifically for those areas surrounding major arterial intersections where personal services, convenience goods, and auto-related service facilities are desirable and appropriate land uses.
- (2) *Allowed uses.* See Table 200-1 in [Section 34-200](#).
- (3) *Minimum lot requirements.*

Use	Lot Area (sq. ft.)	Lot Width (lin. ft.)
3 and 4 family dwelling	7,000	70
5 to 10 family dwelling	8,000	75 (plus 1,000 sq. ft. for each dwelling unit in excess of 5)
All other permitted uses	6,000	None

- (a) Apartment building for 11 or more families on sites having a minimum area of 14,000 sq. ft. and minimum frontage of 100 feet on a street of city collector or greater designation on the official major thoroughfare plan shall be limited by floor area ratio (F.A.R.)* of 2.0 and shall be subject to the yard requirements of this section.
- (b) Floor area ratio is defined as the maximum gross floor area of a building on a lot or parcel, divided by the area of the lot or parcel. (F.A.R. of 2.0 provides for 28,000 gross sq. ft. of a building on a lot with an area of 14,000 sq. ft.)
- (c) Multiple-family dwellings shall provide a usable yard of 100 sq. ft. per dwelling unit.
- (4) *Minimum yard requirements.*
 - (a) *Residential uses.*
 - (i) *Front yard*—25 ft.
 - (ii) *Side yard*—There shall be a side yard on each side of a building not less than ten percent of the width of the lot; except, that such side yard shall not be less than seven feet, and need not be more than 25 feet.

Buildings on corner lots shall provide a side yard on the street side of not less than 15 feet; provided that this regulation shall not be so interpreted as to reduce the buildable width of a corner lot in separate ownership on August 26, 1968 to less than 35 feet.
 - (iii) *Rear yard*—The depth of the rear yard shall be at least 20 percent of the depth of the lot, but such depth need not be more than 30 feet.
 - (b) *Commercial uses.*
 - (i) *Front yard*—None; provided, however, if the building is set back from the front property line it shall be a minimum of ten feet.
 - (ii) *Side yard*—None; provided, however, if the building is set back from the property line it shall be a minimum of five feet except; that where a side line of a lot in this district abuts upon the side line of a lot in a District R-1 to C-O inclusive, a side yard of not less than ten feet shall be provided.

Buildings on corner lots shall provide a side yard on the street side of not less than ten feet; provided that this regulation shall not be so interpreted as to reduce the buildable width of a corner lot in separate ownership on August 26, 1968 to less than 30 feet.
 - (iii) *Rear yard*—None; except that not less than ten feet shall be provided adjacent to an existing alley and not less than 15 feet shall be provided next to any abutting property in a District R-1 to C-O, inclusive.
- (5) *Minimum dwelling size.*
 - (a) *Single family*—650 square feet of living floor area.
 - (b) *Multi-family*—None.
- (6) *Maximum lot coverage by all buildings.*
 - (a) *Residential uses*—50 percent
 - (b) *Other uses*—None

(7) *Maximum height of structures.*

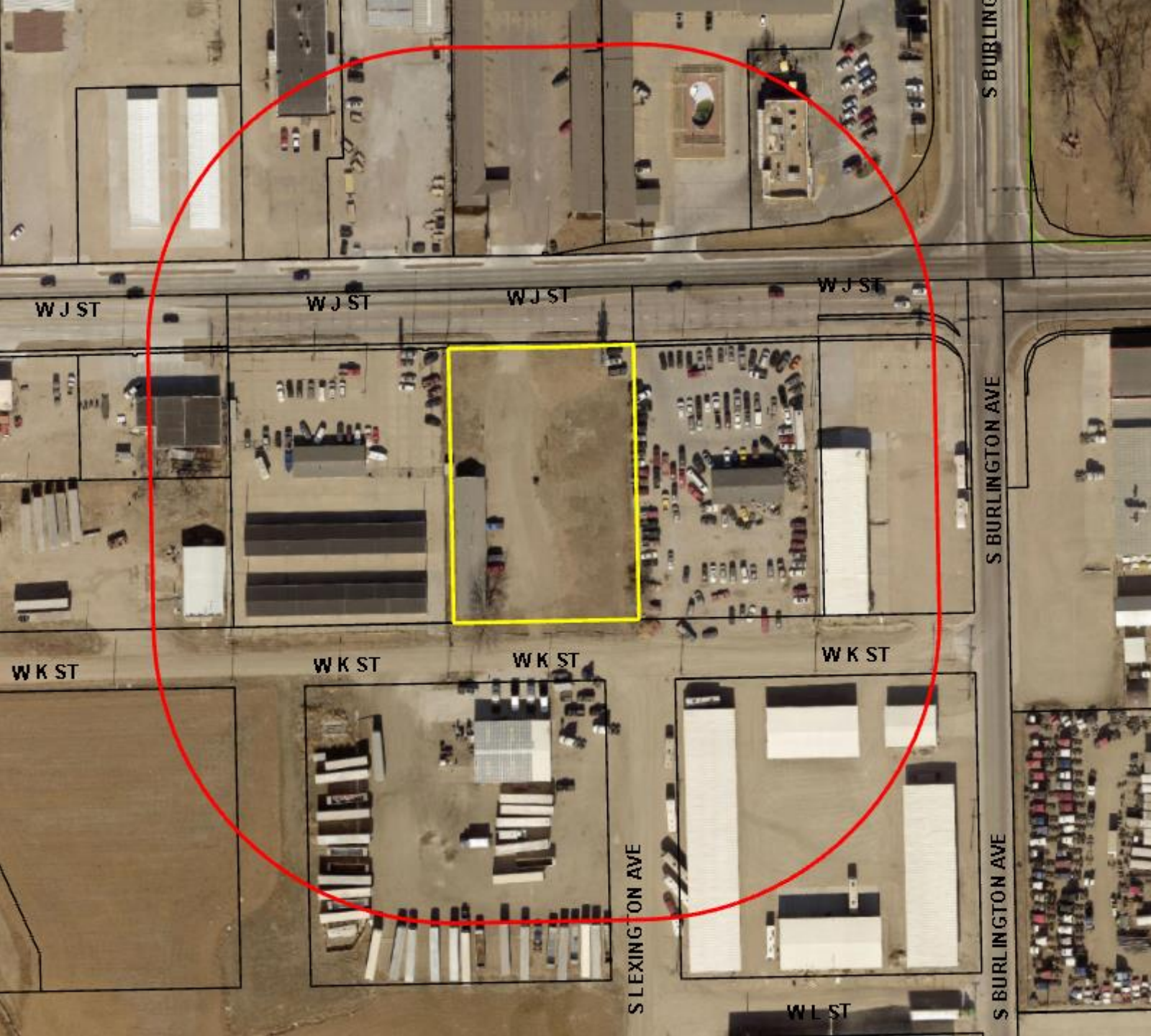
- (a) Except for multi-family structures and as otherwise provided in this chapter, the maximum height of a principle structure shall be 90 feet above grade.
- (b) Except as otherwise provided in this chapter, the maximum height of a multiple family dwelling shall be 45 feet above grade.
- (c) The maximum height of an accessory structure shall not exceed lesser of 44 feet above grade or the height of the principal structure by more than 25 percent.

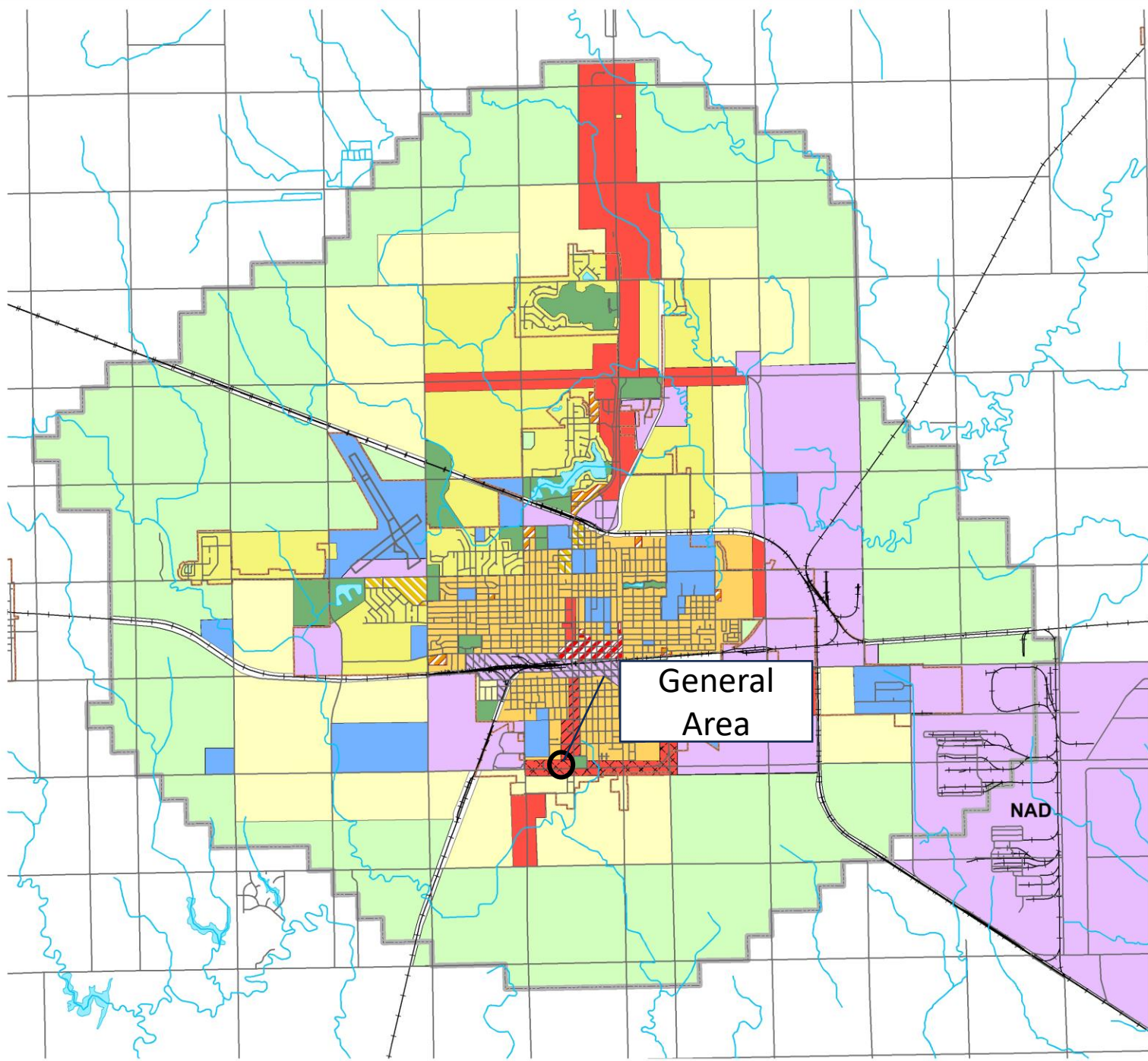
(Ord. Nos. 3133-7/89, 3218-6/91, 3215-6/91, 3242-12/91, 3284-11/92, 3292-1/93, 3397-6/94, 3428-10/94, 3448-12/94, 3488-7/95, 3861-6/2002, 3947-4/2004, 4233-11/2009, ~~4563~~-9/2018)





File No.	2025-50
Project	Public hearing for a change of zoning for property commonly addressed as 913 W J Street, City of Hastings, Adams County, Nebraska, from R-1, Urban Single-Family Residential District to C-3, Commercial Business District, and to amend the Official Zoning District Map.
Applicant	Daniel Hernandez





Future Land Use City of Hastings, Nebraska

Future Land Use Plan Adopted
Planning Commission: 1-20-2009
City Council: 2-24-2009
Ordinance #4215

Map Last Updated: December 28, 2016

Land Use:

- Rural Residential
- Suburban Residential
- Urban Residential
- Mixed-Use - Neighborhood
- Mixed-Use - Community
- Mixed-Use Downtown
- Commercial/Retail
- Employment/Industrial
- Public / Semi-Public
- Parks & Recreation
- Agriculture

Overlay Districts:

- South Burlington Overlay
- Highway 6 Overlay
- Urban Industrial Overlay
- Floodplain

- City Boundary
- ETJ Boundary
- Education

not to scale





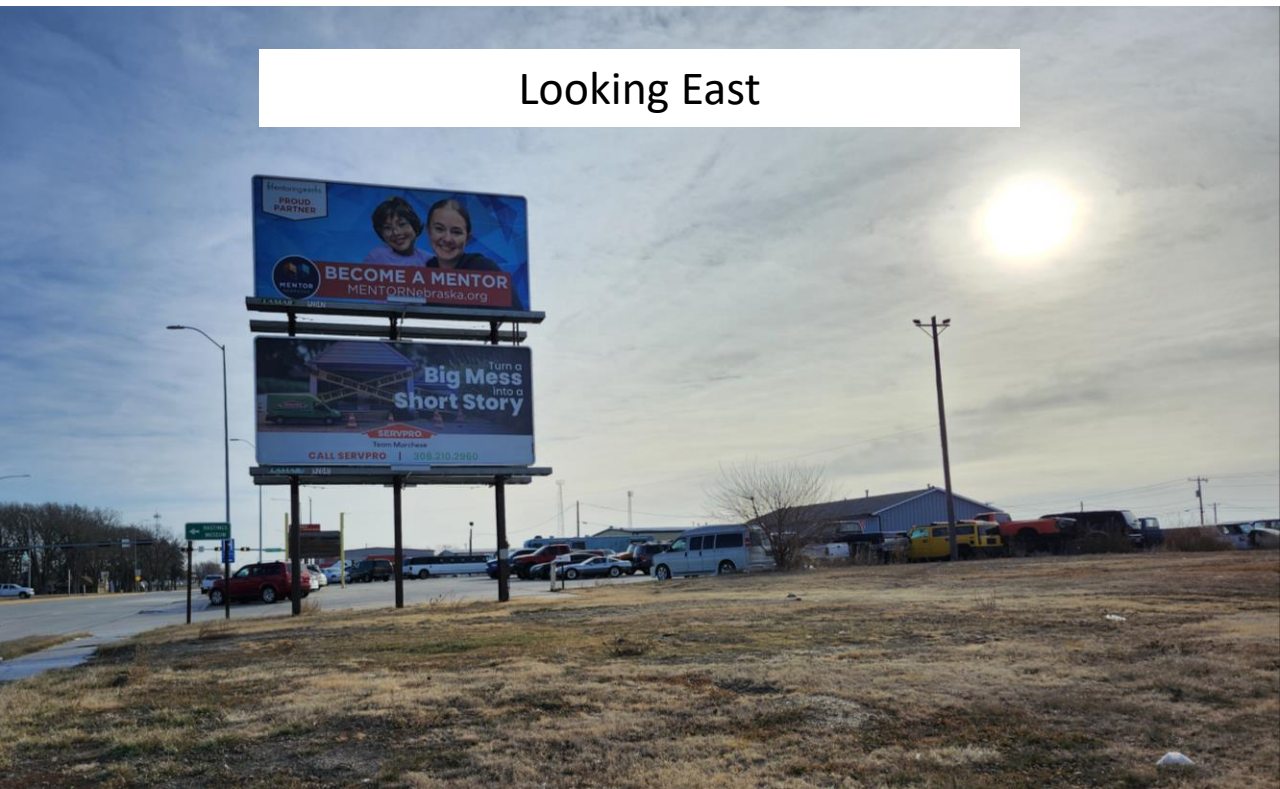
Looking North



Looking South



Looking East



Looking West



Staff Findings Summary

- The surrounding area is a commercial and industrial area that conforms with the 2009 Comprehensive Plan
- Adequate public infrastructure is available in the area to serve the development.
- The surrounding neighborhood is commercial/industrial in character and the proposed rezoning to C-3 would be compatible with the area.

Planning Commission Recommendation

The Planning Commission, by a vote of 7-0, **recommends approval** for an ordinance and the amendment to the Official Zoning District Map to rezone property commonly addressed as 913 W J Street, City of Hastings, Adams County, Nebraska, from R-1, Urban Single-Family Residential District to C-3, Commercial Business District, and to amend the Official Zoning District Map.

City staff recommends approval.



HASTINGS

Nebraska

Department: Development Services
Staff Contact: Chad Bunger
Council Meeting Date: 3/24/2025

AGENDA ITEM SUMMARY SHEET

Description of Item:

The City has partnered with Marvin Planning Consultants since 2022 to draft a comprehensive development plan to replace the current plan, which was adopted in 2009.

The City of Hastings Comprehensive Plan 2025 document was created by planning professionals and City staff, with extensive effort to gain input and feedback from the community. The proposed plan meets the minimum requirements of State Statute 19-903. This planning and policy document has been created to guide future development and provide City staff and the community with policies to address annexation needs and other development topics.

Names of People/Business affected by this action:

The citizens of Hastings.

Why Council action is required:

Nebraska Revised Statute 19-903 states that the city council must receive the advice of the planning commission before taking definite action on any contemplated amendment, supplement, change, modification, or repeal to the City's comprehensive development plan. No such regulation, restriction, or boundary shall become effective until after separate public hearings are held by both the planning commission and the city council in relation thereto, at which parties in interest and citizens shall have an opportunity to be heard

Type of action requested:

Motion
Resolution

Suggested motion:

Motion to approve Resolution No. 2025-10 to adopt the City of Hastings' Comprehensive Plan Update, titled City of Hastings, Nebraska Comprehensive Plan 2025.

Deadlines associated with action:

Department head comments:

Development Services staff has worked alongside the staff of MPC and the community to develop this comprehensive development plan. The complete details of the draft document and recommendation are in the attached staff report.

The Planning Commission held a public hearing on the adoption of the Comprehensive Plan on

March 4, 2025. The Commission suggested some minor edits, which have been made to the draft document provided. The Planning Commission recommended approval to adopt the plan to the City Council, by a vote of 7-0.

City Administrator comments:

Final draft of the Comprehensive Plan. I recommend approval.

City of Hastings Planning Commission



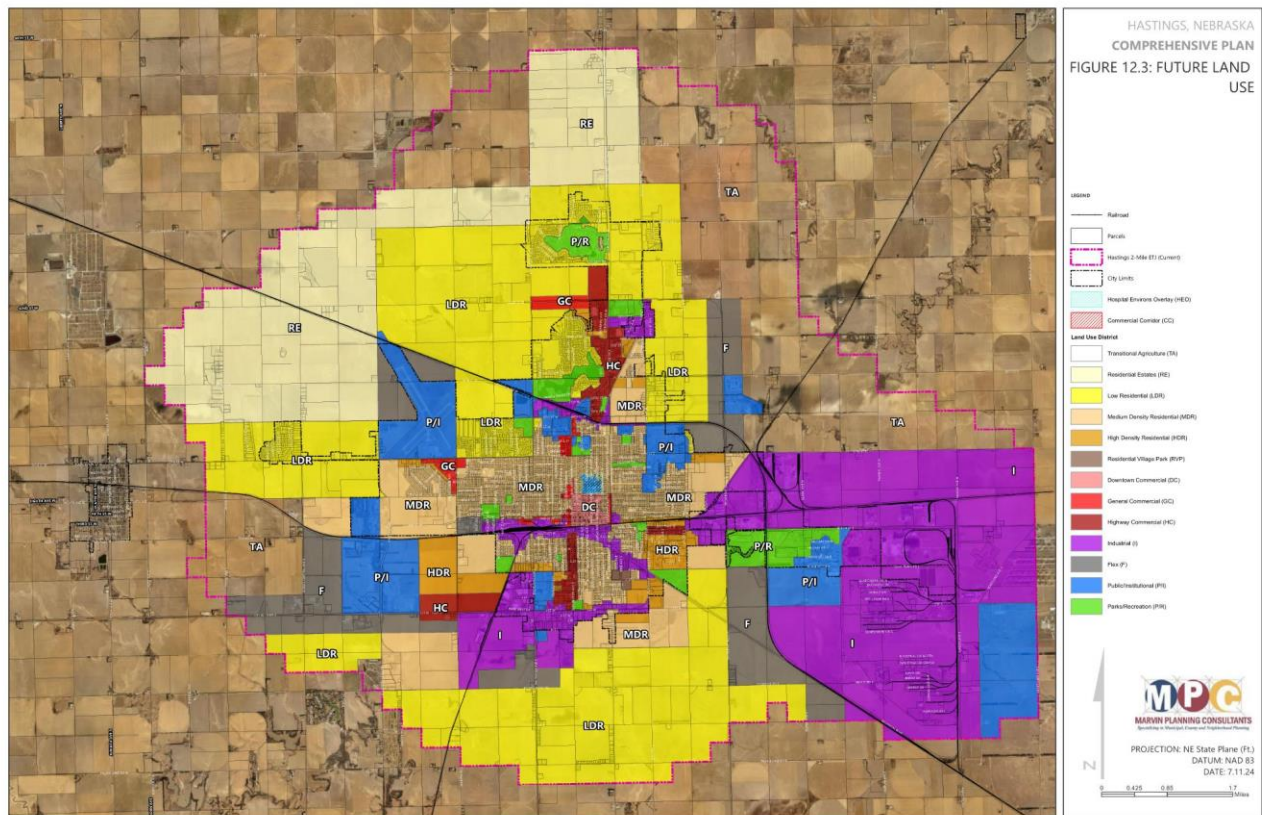
STAFF REPORT

Request: Adopt the City of Hastings Comprehensive Plan 2025

File No. 2025-60

Applicant City of Hastings

Date of Public Hearing: March 4, 2025



BACKGROUND:

The City of Hastings entered into a contract with Marvin Planning Consultants (MPC) in April 2022 to work with the City to do a complete update of Hastings' Comprehensive Development Plan in accordance with [Nebraska Revised Statute 19-903](#).

The last comprehensive development plan completed by Gould Evans was adopted in 2009.

The MPC staff researched various topics related to the plan, including population and housing projections, economic development growth, and public facility needs. MCP worked with City staff to also seek community input through a variety of channels early in the project, including a project webpage hosted by MPC, interviews with community leaders, focus group meetings, community-wide town hall meetings, booths at community events, and virtual engagement pieces that included an online ideation tool and community survey. A summary of this engagement effort has been provided in Chapter 2 of the plan (pages 5 – 9). This input was incorporated, as appropriate, into the final document.

The City worked with the MPC staff to draft the planning and policy documents to guide the community's future development and related policies based on the consultant's research, community input, and latest development activities.

Some changes of note in the final draft, compared to the 2009 comprehensive development plan, include:

- *Future land use planning is shown throughout the City's extra-territorial jurisdiction (ETJ).* This document continues the effort to appropriately designate the area outside the City limits but within the City's ETJ for future developments. Areas to note include the "Flex" land use designation or highway commercial designations along highways throughout the ETJ.
- *Updates to the residential land uses.* Almost all the residential land use designations were updated to provide needed density to help address the City's affordable housing issues. Most of the urban residential designations note the ability to provide "missing middle" housing at the appropriate scale to the new or established neighborhoods.

The term "missing middle" was coined by Daniel Parolek, an architect with Opticos. "Missing Middle" is described as medium-density developments, housing that is denser than a single-family detached home but not as dense as a large, suburban apartment complex. These developments are intended to be compatible in size and design with the surrounding neighborhood, so they do not detract from the neighborhood. The "missing" part of the phrase refers to the fact that several neighborhoods built before the 1950s

have these types of developments embedded within neighborhoods but are no longer allowed to be constructed because of current zoning regulations.



Hastings has several of these "missing middle" developments scattered throughout its older, established neighborhoods, including duplexes and triplexes, all the way up to a 12-unit apartment building originally designed to complement the surrounding neighborhood. The proposed plan sets the stage for updating the City's zoning codes to allow these types of developments where appropriate.

The plan created a new residential category, "Residential Village Park," to identify areas that are already a dense manufactured home park or could be an area for a "tiny home village," a development trend creating small, permanent homes in a dense private neighborhood setting (page 94).

The plan also significantly increases the density of the High-Density Residential land use. The intent of this land use category is for apartment complexes, typical in suburban areas. The 2009 Comprehensive Development Plan shows the typical density range being 4 to 10 units per net acre. The proposed plan states that the density should start at 15 units or above per acre. For context, the multi-family portion of the recent Elm 26 residential development has a residential density of 14.4 units per acre (page 93).

- *A new "Flex" land use category was created.* The Flex land use category is intended to accommodate a flexible blend of commercial and industrial uses. These areas are typically along arterial highway corridors such as US 6/34 or US 281 Bypass (page 99).
- *Proposed annexation policy to address future "voluntary" and "unilateral" annexations.* As required by [Nebraska Statute 19-903.5.b](#), this plan provides a review of the standards and qualifications that should be met to enable the City to undertake annexation of areas into the City limits. The proposed annexation policy addresses when to accommodate a voluntary annexation request and when to consider annexing land when the property owner(s) does not request it.

After the draft plan was completed, the City created an Engage Hastings project page to replace the original project website. The address for the page is <https://engage.cityofhastings.org/on-the-horizon-hastings-comprehensive-plan>. The draft plans and various information posts are provided on the site. The Engage Hastings project page allows staff and the community to provide information and feedback about the plan and future updates.

On September 17, 2024, the Planning Commission held a work session to review the final draft of the plan and provide feedback on the document. This feedback was incorporated into the plan where appropriate.

The City and MPC hosted a community open house on September 24, 2024, to introduce the comprehensive development plan draft and seek input on the final draft. These comments were also included in the completed draft ready for adoption.

This planning project paused to allow for the 2024 election cycle and orientation of the new City Council to be completed. The Council held a work session with MPC and City staff on January 21, 2025, to review the draft plan.

All appropriate revisions to the City's 2025 Comprehensive Plan have been made, and the planning and policy document is ready to be reviewed for adoption.

STANDARDS TO ADOPT OR AMEND THE COMPREHENSIVE PLAN:

Neither the State Statutes nor the City's Zoning Regulations specify any standards to adopt or amend a comprehensive development plan. [Nebraska Revised Statute 19-903](#) does require five elements to be included in a comprehensive development plan. The five elements are:

1. A land-use element which designates the proposed general distributions, general location, and extent of the uses of land for agriculture, housing, commerce, industry, recreation, education, public buildings and lands, and other categories of public and private use of land;
2. The general location, character, and extent of existing and proposed major roads, streets, and highways, and air and other transportation routes and facilities;
3. The general location, type, capacity, and area served of present and projected or needed community facilities including recreation facilities, schools, libraries, other public buildings, and public utilities and services;
4. When a new comprehensive plan or a full update to an existing comprehensive plan is developed, an energy element which: Assesses energy infrastructure and energy use by sector, including residential, commercial, and industrial sectors; evaluates utilization of renewable energy sources; and promotes energy conservation measures that benefit the community; and

5. (a) When next amended after January 1, 1995, an identification of sanitary and improvement districts, subdivisions, industrial tracts, commercial tracts, and other discrete developed areas which are or in the future may be appropriate subjects for annexation and (b) a general review of the standards and qualifications that should be met to enable the municipality to undertake annexation of such areas. Failure of the plan to identify subjects for annexation or to set out standards or qualifications for annexation shall not serve as the basis for any challenge to the validity of an annexation ordinance.

The proposed completed document provides each of these five elements, as applicable.

The City of Hastings Comprehensive Development Plan 2025 was created by planning professionals and City staff, with extensive effort to gain input and feedback from the community. This planning and policy document has been designed to guide future development and provide City staff and the community with policies to address annexation needs and other development topics.

STAFF COMMENTS: Staff recommends that the Planning Commission recommend the **APPROVAL** of the resolution to adopt the City of Hastings Comprehensive Plan 2025, as proposed, to the City Council.

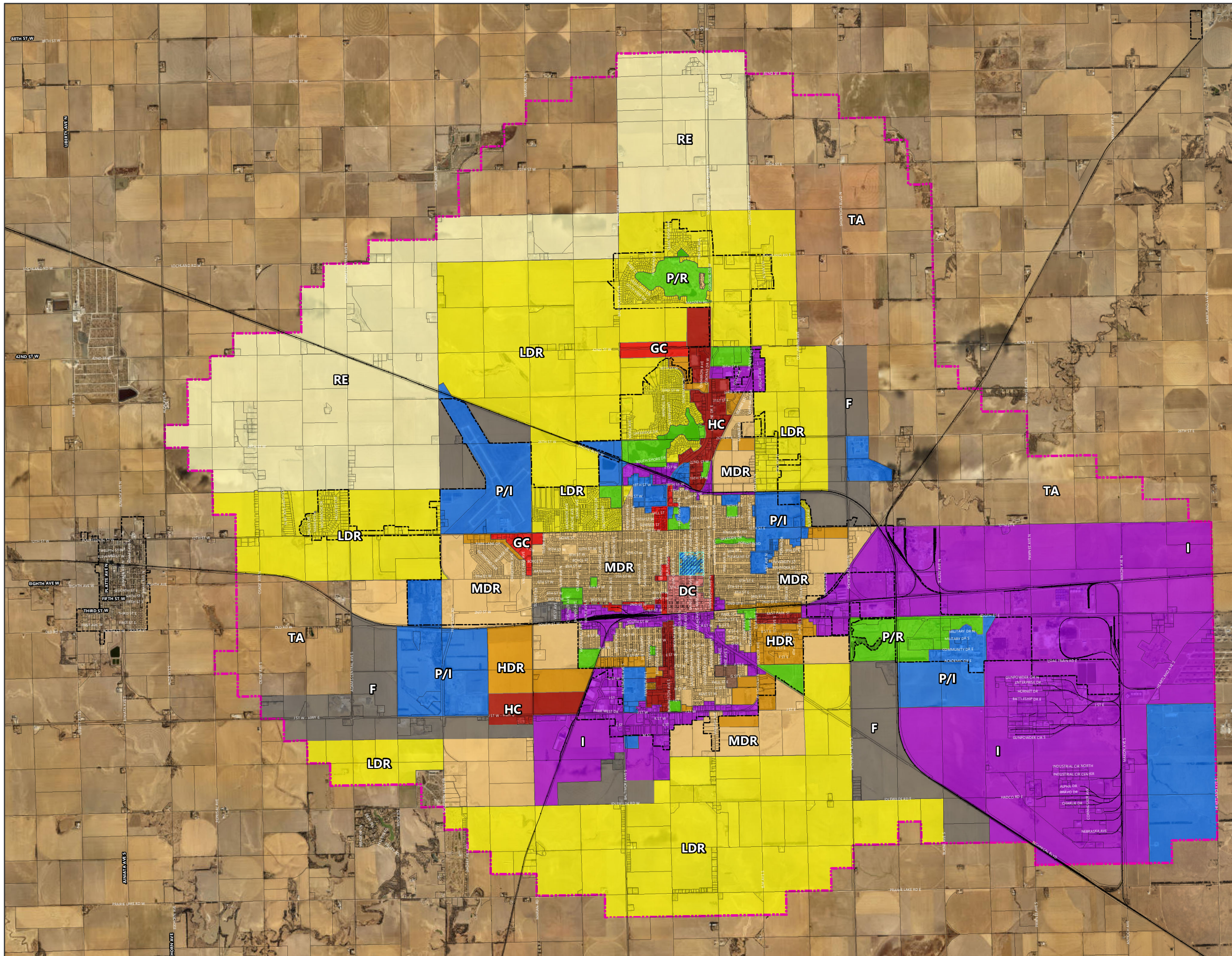
PREPARED BY: Chad Bunger, AICP, CFM, Director of Development Services

DATE: January 10, 2025

ATTACHMENTS:

1. City of Hastings Comprehensive Plan 2025
2. Future Land Use Map

FIGURE 12.3: FUTURE LAND
USE



LEGEND

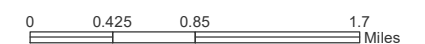
- Railroad
- Parcels
- Hastings 2-Mile ETJ (Current)
- City Limits
- Hospital Environs Overlay (HEO)
- Commercial Corridor (CC)

Land Use District

- Transitional Agriculture (TA)
- Residential Estates (RE)
- Low Residential (LDR)
- Medium Density Residential (MDR)
- High Density Residential (HDR)
- Residential Village Park (RVP)
- Downtown Commercial (DC)
- General Commercial (GC)
- Highway Commercial (HC)
- Industrial (I)
- Flex (F)
- Public/Institutional (P/I)
- Parks/Recreation (P/R)



PROJECTION: NE State Plane (Ft.)
DATUM: NAD 83
DATE: 7.11.24





City of Hastings, Nebraska
Comprehensive Plan 2025



Acknowledgements

Mayor: Jay Beckby

Former Mayor: Corey Stutte

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Former City Planner: Brian Hurskainen

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Chapter 1 Introduction

Location

Hastings is located in south central Nebraska, 10 minutes south of Interstate 80. Highways 6, 281, and 34 transverse the city. The latter two connect Hastings to Interstate 80. Hastings is part of the "Tri-Cities" area (Hastings, Kearney, and Grand Island) of Nebraska.

History

With the promise of the Nebraska prairie in front of them, English settlers from Lincoln first settled in the area in 1871. The first house, a sod dugout, was built at the corner of what is now Third St and Lincoln Ave. More houses and a general store soon followed, with the city being founded soon after in 1872. The same year, the St. Joseph and Denver City Railroad agreed to build a line south of the fledgling town, crossing the Burlington line. Hastings was named in honor of Thomas D. Hastings, construction engineer of the St. Joseph and Denver City Railroad.

The City was incorporated in 1874. Juniata, west of Hastings, was the county seat of Adams County until 1878. For five years, the two towns fought for the county seat, with Hastings winning out because of its location on the railroads.

The location on the two railroad lines made Hastings grow exponentially, especially after becoming the county seat. Within 10 years of its founding in 1872, Hastings had grown to 3,000 people, with a fledgling Hastings College beginning its first classes. Hastings had become the most important commercial point between Lincoln and Kearney.

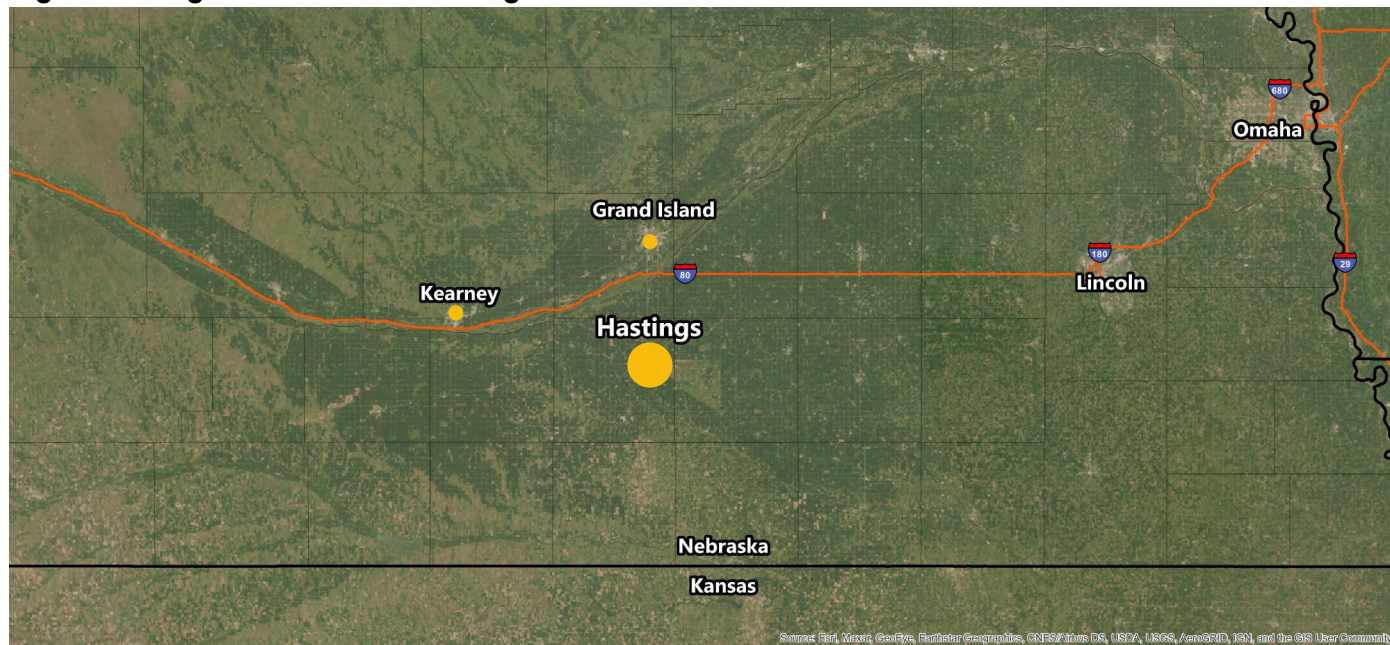
The early 20th century saw Hastings become not only the largest brick producer in the state but also the "cigar-making capital" of Nebraska. Edwin Perkins invented Kool-Aid, the famous colorful soft drink, in downtown Hastings in 1927. The drink is still celebrated annually

by the city during Kool-Aid Days. By World War II, the two industries of brick and cigar making were replaced by the Naval Ammunition Depot, which brought in nearly 8,000 people. Built in 1942, the Depot was one of four major depots in the United States. The Depot was decommissioned in 1958. Many buildings left behind by the military are now part of Central Community College's campus and surrounding industrial areas.

Hastings' roots are still seen today due to historic preservation of its first neighborhoods and the downtown. Visitors to Hastings can enjoy the booming downtown, beautiful parks, and unique events such as Kool-Aid Days. No longer a brick or cigar hub, the city is now driven by its downtown, the local colleges, hospital, and agriculture.

Sources: adamshistory.org;
hastingsmuseum.org/exhibit/hastings-naval-ammunition-depot/;
townsquarepublications.com/history-of-hastings-ne/

Figure 1.1: Regional Location of Hastings



Source: Marvin Planning Consultants

Comprehensive Plan

This plan will accomplish the following for the city of Hastings:

1. Promote orderly growth and development for the community;
2. Provide policy guidelines to enable citizens and elected officials to make better informed decisions about the future of the community;
3. Provide a guideline for the location of future developments and uses within the planning jurisdiction of Hastings;
4. Provide a vision and direction for the future planning period of the city, and;
5. Act as an information and management tool for community leaders to use in their decision-making process when considering future developments

This plan is not a static document; it should evolve as changes in the land use, population, or local economy occur during the

planning period (2025 to 2045).

The Planning Process

The Comprehensive Plan begins with the development of general goals and actions, based upon current and future issues faced by the community and its residents. These are intended to be practical guidelines for addressing existing conditions and guiding future growth.

In conjunction with the development of general goals and actions, a data collection phase occurs. Data is collected to provide a snapshot of the past and present conditions within the community. Analysis of data provides the basis for developing forecasts for future land use demands, as well as future needs regarding housing and facilities.

The Comprehensive Plan is a blueprint designed to identify, assess, and develop actions and policies in the following areas:

- Housing;
- Economic Development;
- Community Facilities;
- Parks, Recreation, and Attractions;
- Public Safety;
- Utilities and Energy;
- Hazards;
- Land Use;
- Annexation, and;
- Transportation

The Comprehensive Plan contains recommendations which when implemented will be of value to the community and its residents. Tools, programs, and methods necessary to carry out the recommendations will be identified through the process. Nevertheless, the implementation of the development policies contained within the plan is dependent upon the adoption of the plan by the governing body and the leadership exercised by the present and future elected and appointed officials of the city.

Plan Preparation

The Plan was prepared under the direction of the Hastings Planning Commission, with the assistance and participation of the Hastings City Council, City staff, the Plan Review Committee, citizens of Hastings, and those who live elsewhere but work in or regularly visit the city.

The time period for achieving the goals, programs, and future developments identified in the Hastings Comprehensive Plan is 20 years. However, the community should review the plan annually and update the document every five years (2030), or when major, unanticipated opportunity arises. Completing updates every five years or so will allow the community to incorporate ideas and developments not known at the time of the present planning process.

Plan Components

Nebraska State Statutes require the inclusion of certain elements in a Comprehensive Plan. A "Comprehensive Development Plan," as defined in Neb. Rev. Stat. § 19-903 (Reissued 1997), shall include the following elements:

- Land-use;
- Existing and proposed transportation routes;
- Existing and projected community facilities, and;
- Identification of sanitary improvement districts and standards for their annexation

The Comprehensive Plan is written so as to promote the general health, welfare, and safety of the city. Policies in the plan help to accomplish this by

considering appropriate land use decisions, providing adequate services to all citizens, and promote safety from human made and natural disasters.

Data Analysis

Analyzing past and existing demographic, housing, economic, and social trends allows for the projection of potential conditions in the future. Projections and forecasts are useful tools in planning for the future; however, these tools are not always accurate and may change due to unforeseen factors. In addition, past trends may be skewed or the data may be inaccurate, creating a distorted picture of past conditions.

Therefore, it is important for Hastings to closely monitor population, housing, and economic conditions impacting the city. Through periodic monitoring, the city can adapt and adjust to changes at the local level. Having the ability to adapt to socio-economic change allows the city to maintain an effective Comprehensive Plan for the future, to enhance the quality of life for its residents, and raise the standard of living for all residents.

Data Variations

In some chapters, American Community Survey ("ACS") data was used alongside U.S. Census Bureau decennial data during this planning project. ACS data is based upon statistical sampling from the U.S. Census Bureau's data; therefore, there may be variations in the numbers presented based on the source.

The COVID-19 pandemic greatly

impacted data collection during the 2020 U.S. Census. As the ACS is based on the U.S. Census, not all data is completely representative of the city.

Governmental Organization

The Hastings City Council performs the governmental functions for the city. Pursuant to Neb. Rev. Stat., §16-901, the planning and zoning jurisdiction for the city includes the corporate area as well as the area generally within two miles of their corporate limits.

Process for Adoption

When it is time to adopt this Comprehensive Development Plan, the City Council has the opportunity to choose the means of adoption. State Statutes allow for the plan to be adopted as either a Resolution or an Ordinance. However, the means used to adopt the plan is the process to be used in the future to amend it.

Adoption of the Comprehensive Development Plan requires both the Planning Commission and City Council hold separate Public Hearings. After the Planning Commission Public Hearing, the Planning Commission makes a recommendation to the City Council, who then holds their Public Hearing. Notice of both public hearings is required to be published in the newspaper of general circulation a minimum of 10 days prior to each hearing.

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Chapter 2 Community Engagement

Your Hastings

Community engagement is vital to a successful planning effort. Public participation makes it possible to have a clearer understanding of how the residents feel regarding their communities. During every planning process, there are limited numbers of individuals concerned about the effort, either because things are going in a good direction or specific issues do not impact them. Regardless, this does not minimize the importance of community engagement. Knowing, recording, and then acknowledging what residents think of their communities makes the comprehensive plan truly a community's.

Participation Methods

Transparent and frequent public participation was designed as a major component of this plan. The process included multiple approaches. It was structured

in a manner allowing for stakeholders to be involved in numerous ways throughout the process - if stakeholders missed a meeting, they were still able to provide their thoughts and input through other means. The key elements of participation included:

- A project website;
- Postcards;
- Planning team attendance at community events;
- Interviews with leaders in City government;
- Focus groups;
- Town hall meetings;
- An Open House at the conclusion of the project;
- Crowdsourcing photography and mapping;
- An online engagement platform;
- MindMixer, and;
- a Citywide survey

Project Website

A special project website, "onthehorizonhastings.com", was

established at the onset of the planning process. The project website served as a means to notify residents about upcoming meetings, inform them on the importance and purpose of comprehensive planning, provide links to input methods, and provide updates on the status of the project. In addition, the Transportation and Parking Master Plan, completed in 2022 by Kimley-Horn, was linked to the website.

Postcards

In order to get the most public participation possible, the planning team developed informational postcards. The postcards led readers to the project website and to the project survey. The postcards were delivered to businesses downtown, convenience stores, senior housing, City Hall, Garage Sale City Wide, and the Public Library. Postcards were also left at every town hall meeting. Hastings Young Professionals, an active youth organization in

Hastings, helped distribute cards as well.

Event Attendance

Both Kool-Aid Days and the Hastings 150th anniversary celebration bring the entire region together - Kool Aid Days and the Holiday Lights Festival do so annually, while the 150th celebration was for one day only. For this reason, the planning team was in attendance at all events. At these events, the planning team had three goals: educate residents on the process, how they can get involved, and gather their input on what they think of Hastings.

Kool-Aid Days

The planning team first attended the famous Hastings event in late August of 2022. Event goers were directed to the project website, educated on the planning process, and in some instances interviewed by the planning team. This event was an unofficial beginning to the public input process.

The planning team then attended Kool-Aid Days in August of 2023 to present the draft of the Future Land Use element of the plan. Feedback was welcomed; the reception was overwhelmingly positive.

Holiday Light Festival

At this downtown Hastings celebration, the planning team interviewed eventgoers on what they like and what they dislike about Hastings. Postcards were also passed out to eventgoers.

150th Anniversary Celebration

The planning team set up a booth, in conjunction with the City of Hastings, at this monumental celebration. The

event took place on September 18, 2022. Handouts, including postcards and crowdsourcing maps, were handed out to gather input. Event goers were also asked three simple questions: "What do you like in Hastings?", "What do you not like in Hastings", and "What are things you want to see?". The results of these questions were as follows:



I like:

- Downtown
- The Museum



I want to see:

- Outdoor event space
- More sit-down restaurants
- More healthy grocery options
- Safe, affordable housing
- More after school programs
- Indoor event space like the Big Apple in Kearney
- More high-density housing
- Pedestrian only streets downtown
- A local police academy
- More transportation options
- Museum expansion
- Traffic safety improvements



I don't like:

- There is no outdoor recreation in the winter

- There are not enough things for families to do
- How unsafe the railroad crossings are
- When businesses close early downtown
- There is not enough to do for date night
- The lack of public transportation options
- The rental stock
- The pedestrian crossings in southwest Hastings

Interviews with City Leaders

City leadership was interviewed to share how important planning will be for Hastings' future. Those interviewed included members of the Development Services Department, City Council members, Planning Commission members, the Economic Development Corporation, and the Mayor. Each person was asked "Why Planning is important?" and "What would you like to see in the community?". These interviews were broadcasted to the public on the project website.

Focus Groups

The planning team interviewed key stakeholders in the community. These groups were chosen due to their involvement in the community now as well as the impact they will have on the future of Hastings. The following groups were interviewed:

- Hastings Community Foundation;
- Downtown businesses;
- Chamber of Commerce;
- Downtown Business Improvement District;
- Young Professionals;
- Hastings Fire & Rescue Department;
- Hastings Police Department;
- Community Redevelopment Authority;

- Central Community College;
- Hastings College, and;
- Mary Lanning's Facilities Department

Each group gave the planning team their thoughts on the strengths, opportunities, and challenges of living, working, and playing in Hastings.



Strengths:

- Educational opportunities
- Local colleges
- Quality of life
- Friendly people
- Everyone knows everyone
- Downtown
- New mall development
- Employment opportunities
- Parks and recreation
- Small town feel while being close to the big city
- Local healthcare
- Industry, location on two railroads
- Events like Kool-Aid Days
- Small businesses
- Family friendly



Opportunities:

- Keeping pace with the other Tri-Cities
- Redevelopment of the mall
- Growth of downtown; housing, restaurants
- Young people
- Entrepreneur programs at colleges
- Housing, housing, housing

- Providing flexibility in regulations
- Protecting agriculture
- Capitalizing on softball crowds
- Building trust between city and residents
- Setting common goals and priorities
- Forming a new identity
- Attracting a new age of workforce, those who work from home
- Marketing what Hastings has to offer
- Giving everyone a voice in the future of the city
- Embrace benefits of being a small city



Challenges:

- Mistrust between city and residents due to transparency
- Housing, housing, housing
- Poverty disparity in southern half of city
- Lack of activities; people travel to Kearney or Grand Island for entertainment
- Apathy
- Roadblocks for young people to get involved
- City being traditionally anti-growth
- Retaining students after graduating
- Easier to say "no" than "yes"
- Developers face roadblocks when approaching city
- Not enough high paying jobs
- Lack of childcare
- Public transportation
- Cost of starting a business
- Blighted properties

Town Hall Meetings

Town Hall meetings were an integral part of the planning process. These meetings were an open format, where attendees were free to come and go between 6:00 - 8:00 PM.

At these meetings, attendees were asked to rate the strengths, weaknesses, opportunities, and threats of thirteen topics that relate to Hastings as a whole. These thirteen topics were Communications and Utilities, Community Facilities, Economic Development, Education, Energy, Hazards, Housing, Land Use, Natural Resources, Parks and Recreation, Public Health, Public Safety, and Transportation. Also at these meetings, crowdsource mapping was encouraged, with large maps left on tables and small one left for attendees to take home. Postcards were left at each meeting as well for participants to take home. The public meetings were held in each City Council Ward:

- Ward 3, Hastings High School, October 3;
- Ward 4, Alcott Elementary, October 4;
- Ward 1, Lincoln Elementary School, October 5, and;
- Ward 2, Hawthorne Elementary School, October 6

A summary of the responses received at these meetings can be found in Appendix B - Community Engagement.

Final Open House

An open house was held on September 24, 2024, as a conclusion to the community engagement efforts of this project. The meeting was held at the Hastings Public Library.

Members of the planning team and City staff were present to answer any questions the public had about the direction provided by the Plan. Discussion at the open house was primarily centered on future land uses, demographics, and annexation policy.

Crowdsourcing

The residents of Hastings were able to contribute visually to the Comprehensive Plan through crowdsourced photography. Crowdsourcing through photography is like gathering a scrapbook of Hastings' best and worst. The project website had a survey where they could upload up to 10 photographs at a time of what they like and dislike about their communities. Photos encouraged were anything people like or dislike about Hastings. For those without access to the website, residents could also drop off photographs at City Hall.

Crowdsourced mapping is a process where residents are able to add their thoughts to a map of the city. These thoughts are represented by an icon, representing different topics on how to improve, preserve, or better Hastings. The project website contained a link to the crowdsource map. For those without access to the website, maps were left at City Hall, the Public Library, at all town hall meetings, and the Hastings 150th Anniversary Celebration. Central Community College and Hastings College distributed crowdsource maps to their students and faculty.

Engage Hastings Webpage

The Engage Hastings webpage was created to inform the public

about ongoing efforts to implement this Plan. The webpage also provides constant up to date information on other planning efforts in the City, including a list of projects in each neighborhood, zoning permits, and public works projects. This page also allows citizens to provide direct input back to the City on any concerns or thoughts they may have. Engage Hastings will not be closed once this Plan is adopted.

MindMixer

MindMixer is an online forum which encourages discussion, often on topics which are hard to be honest about at public meetings. Questions were posed by the planning team to participants, after which they were able to start an open dialogue on the questions posed.

Participants were encouraged to get involved through gift cards and Hastings Museum passes. The more someone was involved, the more points they gathered, earning them a gift card or pass. The project website provided a link to the MindMixer forum.

Surveys

SurveyMonkey, a web based survey tool, was utilized for gathering at-large input on Hastings. The survey process allows individuals to provide input while remaining totally anonymous.

The survey was advertised using the project postcards, as well as announcements on the city website and through the Hastings Tribune. The survey was also made available on the project website. For those who preferred to take the survey on paper, the survey was left at the Public

Library, City Hall, and at all town hall meetings. Reaching all populations was important with this survey. The senior population of Hastings was reached by delivering surveys to the Good Samaritan Village. The younger student population was reached with surveys being delivered to Central Community College and Hastings College. The survey contained a total of 18 questions relating to the city.

The survey data helped to identify what people want protected, what needs to be changed, and what makes Hastings a special place to live. The results are listed in order of importance. Complete results of the survey can be found in the Appendix A - Survey Results. Answers that were inappropriate were not included in the results. Records of such answers can be requested by the city.

Goals and Actions

Planning for the future land uses of the city is an ongoing process of goal setting and problem solving, aimed at encouraging and creating a city with a better quality of life. Goal setting and problem solving began with the community engagement process, creating a base of priorities for the city's future. Community engagement focuses upon ways of solving existing problems within the city, and providing a management tool enabling Hastings' citizens to achieve their vision for the future.

Visioning

Visioning is a process of evaluating present conditions, identifying problem areas, and bringing about consensus on how to overcome existing problems and manage change.

By determining Hastings' vision, the city can decide where it wants to be in the future and then develop a vision plan guiding decisions of the city. The residents of Hastings must also act or implement the necessary steps involved in achieving this "vision".

Change is continuous, therefore Hastings must decide specific criteria that will be used to judge and manage change. Instead of reacting to development pressures after the fact, the city along with their strategic vision, can better reinforce the desired changes, and discourage negative impacts which may undermine the vision. A shared vision allows Hastings to focus its diverse energies and minimize conflicts in the present, and in the future.

A key component of a Comprehensive Plan is the goals and actions. The issues and concerns of the citizens, gathered during the community engagement process, are developed into a vision. The vision statement can then be further delineated and translated into action statements and/or policies, used to guide, direct, and base decisions for future growth, development, and change within Hastings. Hastings' goals and actions attempt to address various issues regarding the questions of "how" to plan for the future.



Photo 2.1: Open house meeting
Source: Marvin Planning Consultants

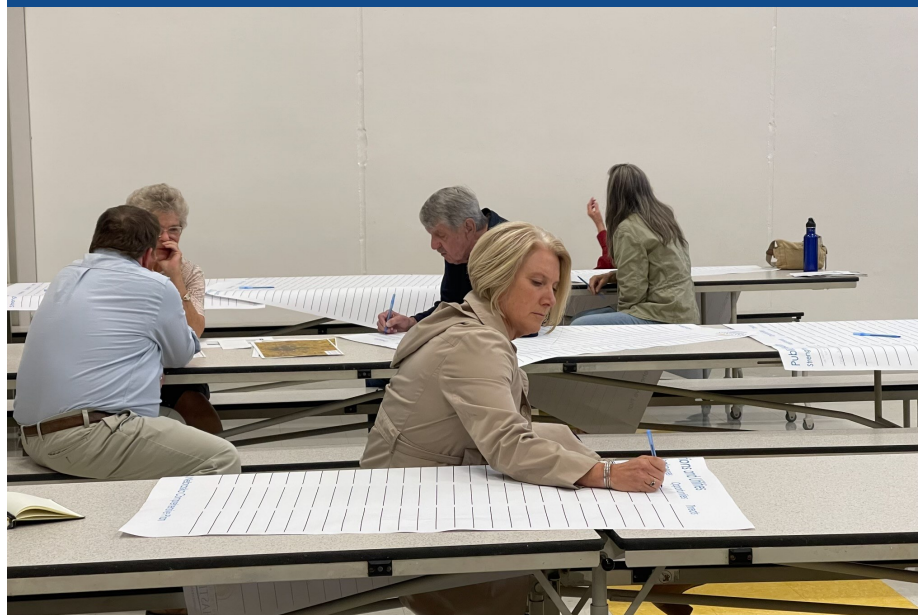


Photo 2.2: Open house meeting
Source: Marvin Planning Consultants

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Chapter 3 Population

Population Trends

Understanding past and existing population trends and applying them to the future is a critical action Hastings should undertake. Hastings' decision-makers should understand where the city has been, where it is currently, and where it appears to be going. Population trends impact all major components comprising the city including housing, economics, medical services, local employment, education, and fiscal stability. Population projections also provide an estimate for the city to base development decisions and future land uses.

The trends examined in this chapter compare Hastings to the Tri-Cities region as well as peer cities. Comparisons to the Tri-Cities are important, as Hastings is not getting the same share of growth being seen in Kearney or Grand Island. It is important for Hastings to know why this is the case. The peer cities of

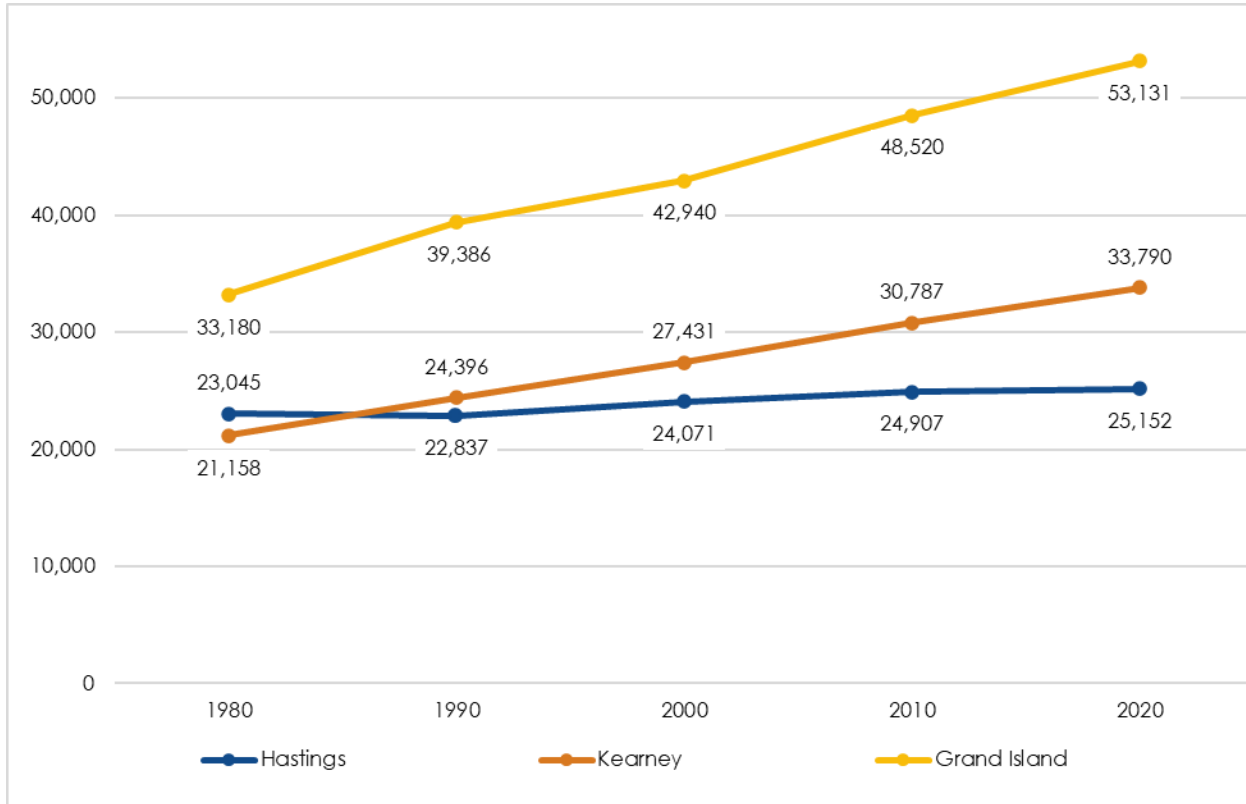
Columbus, Fremont, North Platte, Norfolk, and Scottsbluff, Nebraska, were all selected due to their population size and economic impact on the region. However, these are all isolated regional centers; Hastings is not. Nevertheless, it is important to make these comparisons outside of the Tri-Cities; Hastings should be competing with and

comparing themselves to these cities outside of the Tri-Cities. Ultimately, population projections are only estimates and unforeseen factors may affect projections significantly. The review of these projections should occur regularly, particularly as new data are released by the Census and the ACS.



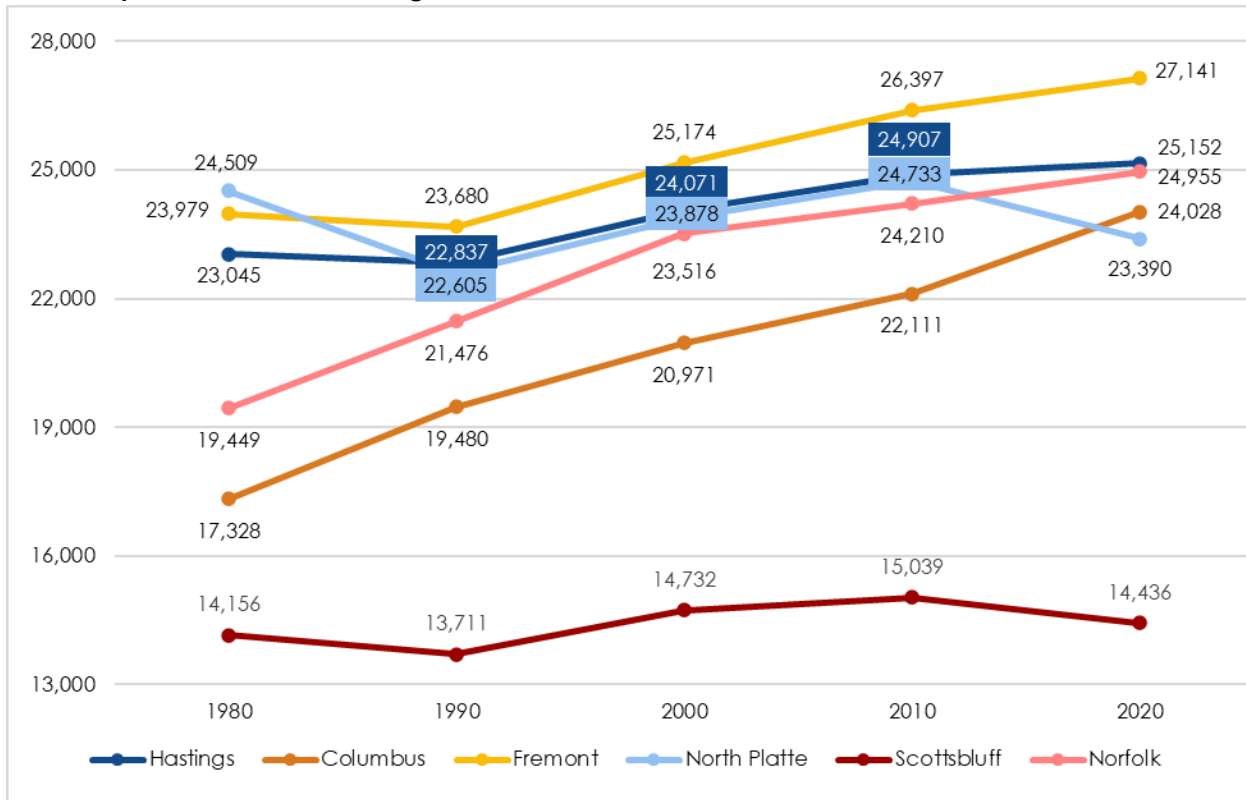
Photo 3.1: Downtown parade, 1920
Source: Hastings Museum

Figure 3.1: Population Trends, Hastings and the Tri-Cities, 1980-2020



Source: U.S. Census Bureau 1980 - 2020

Figure 3.2: Population Trends, Hastings and Peer Communities, 1980-2020



Source: U.S. Census Bureau 1980 - 2020

Trends Analysis

Figures 3.1 and 3.2 contain the population over the previous 40 years, comparing Hastings to the Tri-Cities region and its peer communities in Nebraska. These data are the basis for the eventual projection lines for population scenarios in the community.

In comparison to the Tri-Cities, Hastings has the smallest current population. However, this was not always the case; Hastings had a higher population than Kearney and was comparable in size to Grand Island until 1990. Many factors caused Kearney and Grand Island to begin to grow more than Hastings; location on I-80, in place industry, and Kearney State's College transition to the University of Nebraska system being amongst those reasons. Kearney now has over 8,000 more persons than Hastings, and Grand Island has now more than doubled Hastings in size.

In comparing itself to its peer communities, Hastings fares considerably better. Aside from the starting period of 1980, Hastings has had the second highest population of the six cities. Each community has seen consistent growth or a slight decrease in population; Hastings grew by 9.1% over the period, which was the fourth-highest growth rate. Columbus saw the greatest increase, growing by 38.7%.

Age Profile

Age Structure Analysis

Age structure is an important component of population analysis. By analyzing age structure, the city can determine

Table 3.1: Age Characteristics, 2012-2022

Male and Female Populations 2012-2022					
Age in 2012	2012 population	Age in 2022	2022 population	Cohort Change	% Change
		0-4	1,550	-	-
		5-9	1,624	-	-
0-4	1,781	10-14	1,853	72	4.0%
5-9	1,777	15-19	1,937	160	9.0%
10-14	1,523	20-24	1,944	421	27.6%
15-19	1,900	25-29	1,744	-156	-8.2%
20-24	2,027	30-34	1,544	-483	-23.8%
25-29	1,583	35-39	1,572	-11	-0.7%
30-34	1,403	40-44	1,219	-184	-13.1%
35-44	2,710	45-54	2,652	-58	-2.1%
45-54	3,408	55-64	2,999	-409	-12.0%
55-64	3,015	65-74	2,474	-541	-17.9%
65-74	1,683	75-84	1,321	-362	-21.5%
75 & older	2,150	85 & over	665	-1,485	-69.1%
Total	24,960		25,098	-3,734	

Sources: ACS 5-Year Estimates 2012 and 2022

the key dynamic affecting the population growth or decline, and sustainability of Hastings' population. Each age group affects the population in a number of different ways; the existence of large younger age groups means a greater ability to sustain future population growth compared to large older age groups.

Table 3.1 contains the age group structure for Hastings in 2012 and 2022. The examination of the city's age structures provides an understanding of where some of the population shifts are occurring. Reviewing population in this manner permits a detailed analysis of which specific groups are moving in and out of the city. Positive changes in a group indicate in-migration or births. Negative changes in a group indicate out-migration or a combination of out-migration and deaths.

Hastings saw growth in five age groups from 2012 to 2022. The 0-4 and 5-9 groups are always an increase as these individuals were not alive for the 2012 American Community Survey. Outside of these age groups, the other increases were in the 10-14, 15-19, and 20-24 age groups. When you eliminate the first two younger populations, 653 people moved into Hastings during this period. Adding the new births into the mix, the total population growth was 3,827 people.

There were eight age groups from 2012 having declined by 2022. The group with the greatest loss was the 85 and over age group, which lost 1,485 persons, or 69.1% over the time period. The 65-74 age group lost the second most persons, which is also an older age group. This age group lost 541 persons, or 17.9%. Younger age groups lost significant population as well. Likely college graduates, as well

as young families, (25-29 through 40-44) all lost population.

Median Age

Tables 3.3 and 3.4 compares the median ages of Hastings and the Tri-Cities and Hastings and its peer communities between 2012 and 2022. In comparison to the Tri-Cities, between 2012 and 2022, the median age for Hastings only decreased by 0.2 years (36.5 to 35.3). Hastings had the highest median age of the Tri-Cities. The presence of the University of Nebraska-Kearney in Kearney is likely a reason why the median age has consistently been lower than Hastings' median age. As shown in Table 3.1, college graduates and family bearing aged persons are leaving the city, leaving Hastings with an aging population and a consistently higher median age.

In comparison to the peer communities, Hastings is far more comparable. Each city had a median age in the mid to late 30's across the time period, excluding Norfolk, which reached 40.1 by 2022. As of 2022, Hastings' median age was 36.3, the third lowest of the communities. Scottsbluff had the lowest median age at 31.0 in 2012.

Age Cohorts

Figure 3.3 is a population pyramid of the current age structure of Hastings. The largest cohort of males (14.2%) were young men/children age 15-19. The largest cohort of women (13.6%) were young women/children age 15-19 and 20-24. There was a greater share of women than men over the age of 50. Service providers for senior citizens should take this gender discrepancy into account during

Table 3.2: Median Age, Hastings and the Tri-Cities, 2012-2022

Year	Hastings	Kearney	Grand Island
2012	36.5	29.2	34.6
2013	36.9	29.4	34.8
2014	36.5	29.6	35.0
2015	36.0	29.9	35.1
2016	35.9	30.6	34.8
2017	36.4	31.2	34.7
2018	36.0	31.5	35.0
2019	36.1	31.7	34.9
2020	36.0	32.1	35.0
2021	35.9	32.1	34.9
2022	36.3	31.9	35.0

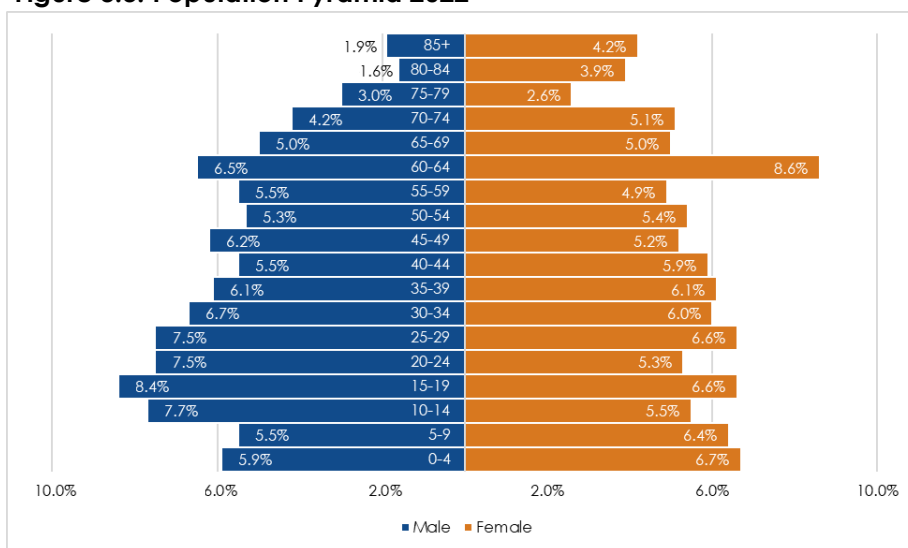
Source: ACS 5-Year Estimates 2012 - 2022

Table 3.3: Median Age, Hastings and Peer Communities, 2012-2022

Year	Hastings	Columbus	Fremont	Norfolk	North Platte	Scottsbluff
2012	36.5	39.1	34.3	35.9	36.9	30.3
2013	36.9	37.8	34.2	36.4	36.8	30.4
2014	36.5	36.7	34.8	36.6	35.7	28.9
2015	36.0	36.5	35.4	37.5	35.5	30.5
2016	35.9	36.5	35.3	37.1	36.0	32.1
2017	36.4	36.6	35.6	38.1	35.7	31.8
2018	36.0	36.8	35.6	38.1	35.7	32.3
2019	36.1	36.5	35.7	38.8	35.3	31.9
2020	36.0	37.5	35.6	38.9	35.2	32.7
2021	35.9	37.2	37.6	35.8	39.4	35.0
2022	36.3	37.5	36.8	40.1	35.6	31.0

Source: ACS 5-Year Estimates 2012 - 2022

Figure 3.3: Population Pyramid 2022



Source: ACS 5 Year Estimates 2022

program planning. Among working age population (20-64), the smallest cohort among men were age 50-54 (5.0%) and among women were ages 40-44, 45-49, and 55-59 (4.6%). The larger numbers of younger people in age cohorts 20-24 through 35-39 are prime candidates for workforce training.

Age Cohort Projections

Tables 3.4 through 3.6 to the right project the population of three critical age groups into the future; youth (0-19), college age/young professionals, and seniors (55-85+). Monitoring these population's projected growth is important, as all have their own unique needs. Youths need adequate school facilities and healthcare services, (their caretakers need sufficient daycare services). College aged persons and young professionals seek amenities and entertainment options, particularly if they are in college (attracting them to Hastings is important) or are a young professional looking to start a family. Seniors require certain healthcare services and also require sufficient housing to either age-in-place or transition into.

These data were calculated by taking the 2021 ACS 5-year estimate for each age cohort, and then applying the fertility rate of females and mortality rate to each age cohort. In each subsequent decade the two factors of mortality and fertility are reapplied, to eventually reach the 2051 number. These are merely projections; where Table 3.1 looks at raw data only, these tables model what the cohorts **may** look like in the next

Table 3.4: Youth Cohort Projections, 2021-2051

2021		2031		2041		2051	
				Cohort	Projection	Cohort	Projection
		Cohort	Projection			0-4	3,008
Cohort	Population	0-4	2,568	5-9	2,569	10-14	2,738
0-4	1,586	5-9	2,450	10-14	2,559	15-19	2,566
5-9	1,606	10-14	1,580	15-19	2,447		
10-14	1,754	15-19	1,604				
15-19	2,111						
Total	7,057	-	8,202	-	10,322	-	11,197

Sources: ACS 5-Year Estimates 2021, Marvin Planning Consultants, Nebraska Vital Statistics

Table 3.5: College/Young Professional Cohort Projections, 2021-2051

2021		2031		2041		2051	
				Cohort	Projection	Cohort	Projection
		Cohort	Projection			20-24	2,537
Cohort	Population	20-24	1,740	25-29	1,593	30-34	1,556
20-24	1,798	25-29	2,097	30-34	1,728	35-39	1,582
25-29	1,719	30-34	1,785	35-39	2,081		
30-34	1,643	35-39	1,706				
35-39	1,422						
Total	6,582		7,328		6,970		6,705

Sources: ACS 5-Year Estimates 2021, Marvin Planning Consultants, Nebraska Vital Statistics

Table 3.6: Senior Cohort Projections, 2021-2051

2021		2031		2041		2051	
				Cohort	Projection	Cohort	Projection
		Cohort	Projection			55-64	1,729
Cohort	Population	55-64	1,361	65-69	1,353	70-74	1,507
55-59	1,323	65-69	1,215	70-74	1,186	75+	2,294
60-64	1,763	70-74	1,560	75+	2,287		
65-69	1,216	75+	2,059				
70-74	1,172						
75+	2,008						
Total	7,482		6,195		6,415		7,152

Sources: ACS 5-Year Estimates 2021, Marvin Planning Consultants, Nebraska Vital Statistics

30 years. Table 3.4 projects the youth population to grow from 7,057 to 11,197 (58.7%). The significant growth over the next 30 years will mean the city should focus on providing more adequate services and facilities for both the children and their caretakers. (Levels of service will be explored in Chapter 6.)

Table 3.5 projects a slight increase in college aged

persons/young professionals (1.9%). The number staying nearly the same means the city will need to continue to provide the amenities sought by college students or by those young professionals who want to set down roots and start families in the city.

Table 3.6 projects the senior population to fluctuate, with an overall decrease from 7,482 to

7,152 (-4.4%). Some of this decrease is due to the mortality rate in this age group as well as the likelihood of persons moving away. Although the population decreases slightly, the city must still ensure they are providing healthcare services and meeting housing needs for this population.

Dependency Ratio

This ratio examines the portion of Hastings' supporting age groups historically dependent upon others for survival (those under 18 years and those 65+ years). The ratio is important to examine as it focuses on the number of dependent persons and if there is enough employed persons in the community to support the dependent populations and the employed population.

Dependency Ratio

< 1: 1 Independent resident is able to support more than 1 Dependent resident

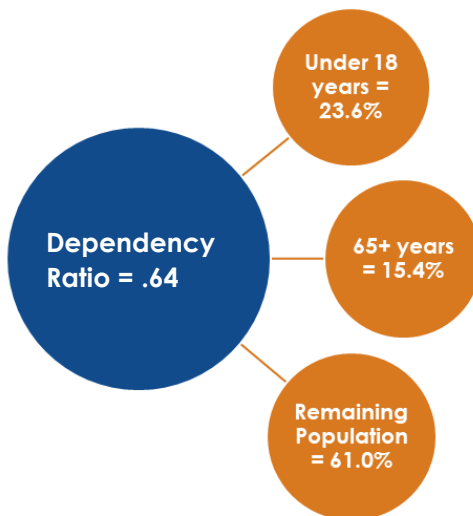
=1: 1 Independent resident able to support 1 Dependent resident

>1: 1 Independent resident able to support less than 1 Dependent resident

(%18 years and younger + % 65 years and older)
Divided by
% of remaining population

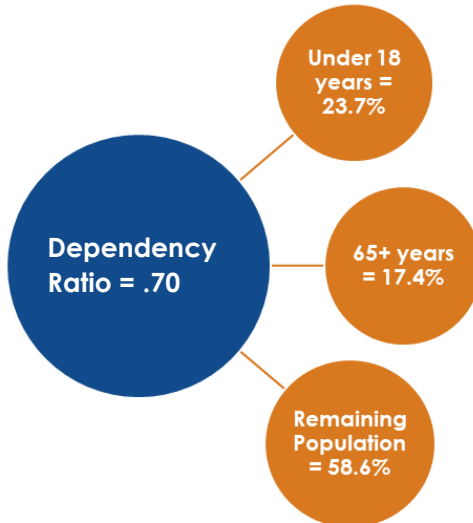
Figures 3.3 and 3.4 indicate the dependency ratios for 2012 and 2022 in Hastings. The portion of persons less than 18 years of age stayed the same between 2011 and 2021, however those aged 65 years and older increased by 2.0% over the time period. In 2012, Hastings had a dependency ratio of 0.64. By 2022 the dependency ratio had increased to 0.70.

Figure 3.4: Dependency Ratio, 2012



Source: ACS 5-Year Estimates 2012

Figure 3.5 Dependency Ratio, 2022



Source: ACS 5-Year Estimates 2022

Increases are not a positive sign for any community. It is important for the city to keep the working age population in the city. A high dependency ratio means the city's population is aging in conjunction with the working age population decreasing or not growing. This means the working age population is not being replaced by young persons; the age pyramid is heavier at the top and not at the base.

A focus on keeping and attracting working age persons will be important for the city. Secondly, a decrease in the non-working age population means the city must work to continue providing services for persons below 18 and for senior citizens.

Ethnicity

Analysis of ethnicity provides more detail as to the changes being seen in a community. Each resident bring their own cultures and beliefs to the area; supporting each culture and belief is paramount to the success of the city into the future. Both the city and school districts need to track these changes annually in order to support and help these groups thrive.

Hastings was predominantly White alone in 2010; this did not change by 2020. The White alone population did decrease by 1,408 persons (6.6%) between 2010 and 2020, though the total population was still 79.8% White. The Hispanic Origin (Any Race) population increased from 2,430 to 3,479 between 2010 to 2020. The Two or More Races population group also increased over the time period, growing from 255 persons to 791 persons. The other groups saw either a slight increase or decrease in persons over the time period. Despite the increases in these other groups, the population in Hastings' remained a majority White alone. This will likely continue into the future for the city based on these trends.

Educational Attainment

The greatest number of Hastings residents are high school graduates, or have attended some college with no degree. Among Hastings residents 25 years and over, 25.7% had a Bachelor's Degree or higher In 2022. This compares to 32.9% of all Nebraskans. There were 90.5% of Hastings residents the same age who were High school graduate or higher, compared to 91.7% statewide.

Table 3.7: Population by Ethnicity, 2010 and 2020

Ethnicity	2010		2020		2010 to 2020	
	Number	%	Number	%	Net Change	% change
White alone	21,485	86.3	20,077	79.8	-1,408	-6.6%
Black or African American alone	208	0.8	239	1.0	31	14.9%
American Indian and Alaska Native alone	89	0.4	104	0.4	15	16.9%
Asian alone	410	1.6	396	1.6	-14	-3.4%
Native Hawaiian and Other Pacific Islander alone	9	0.0	9	0.0	0	0.0%
Some Other Race alone	21	0.1	57	0.2	36	171.4%
Two or More Races	255	1.0	791	3.1	536	210.2%
Hispanic Origin (Any Race)	2,430	9.8	3,479	13.8	1,049	43.2%

Source: U.S. Census Bureau 2010 and 2020

Income and higher education attainment tend to be highly correlated. Over recent years, the share of Hastings residents holding a higher education degree has risen gradually, but steadily, from 2012 to 2022. The share of persons with a Bachelors degree increased by nearly 15.5% from 2012 to 2022. As of 2022, 35.6% of the total population in Hastings has at least a bachelors degree.

Not all higher paying jobs require college degrees, and quality vocational and on-the-job training in this job environment can translate well into steady living wages. Nevertheless, continuing the increase in educational attainment will be beneficial to the community and economy.

Population Projections

Population projections are estimates based upon past and present circumstances. The use

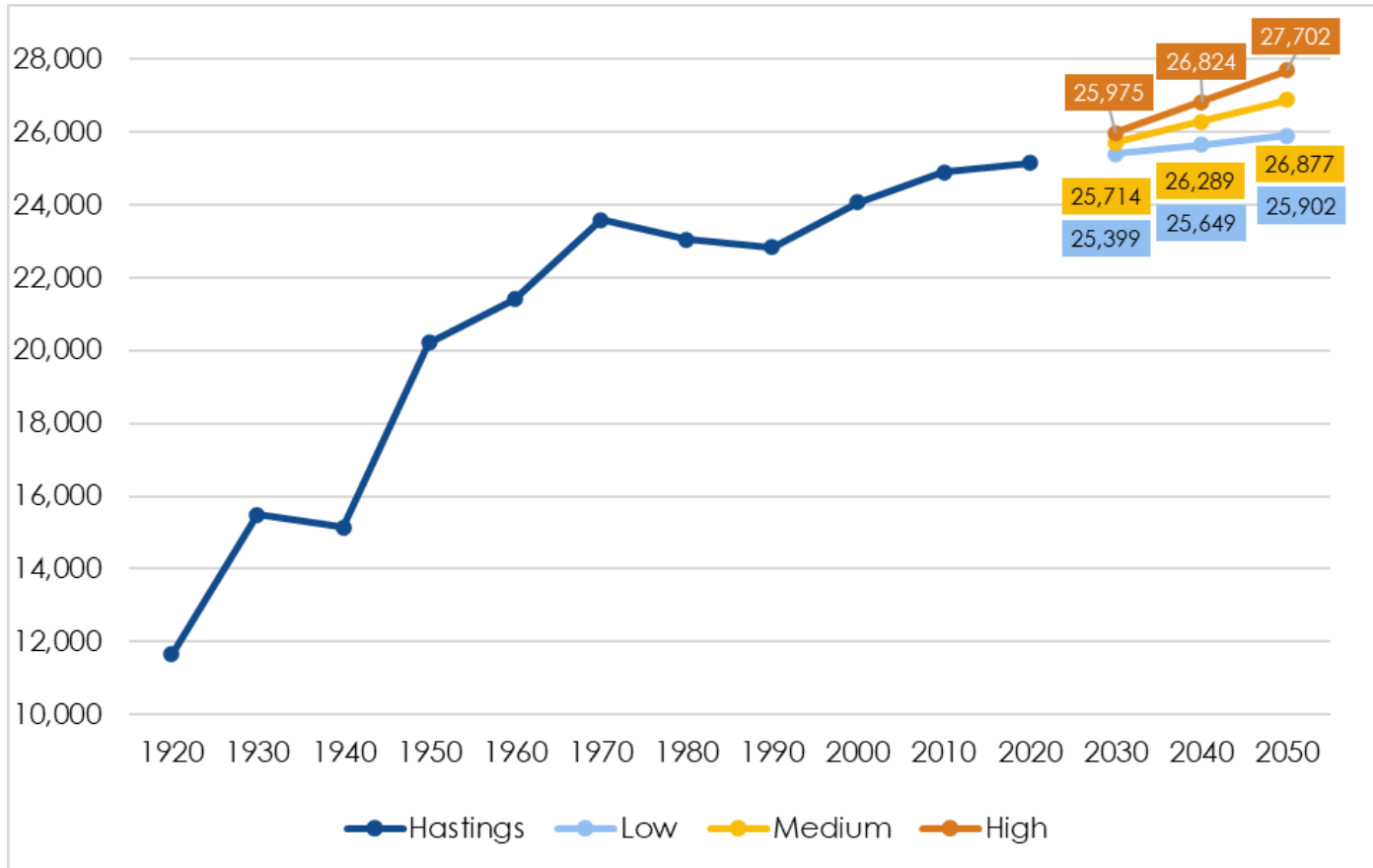
of population projections allows Hastings to estimate the potential population in future years by looking at past trends. By scrutinizing population changes in this manner, the city will be able to develop a baseline of change from which future scenarios can be generated. A number of factors such as demographics, economics, or social may affect projections positively or negatively.

At the present time, these projections are the best tool for predicting future population changes. There are many methods to project the future population trends; the one projection technique used is intended to provide Hastings a broad overview of possible population changes in the future.

Trend Line Analysis

Trend Line Analysis is a process of projecting future populations based upon changes during a

Figure 3.6: Population and Projections



Source: U.S. Census Bureau 1920 - 2020, Marvin Planning Consultants

specified period of time. In the analysis of Hastings, four different trend lines were reviewed: 2010 to 2020, 2000 to 2020, 1990 to 2020, and 1970 to 2020. A review of these trend lines indicates Hastings will see varied levels of population changes between now and 2050. The following projections summarize the decennial population for Hastings through 2050.

The trend lines examined were calculated by finding the rate of change over 10, 20, 30, and 50 years in Hastings. The rate of change per each period was then applied to the current population to project growth over the next 30 years. The table to the right (?) lists the four trends.

Summary of Population Projections

Three population projection scenarios were selected:

Low = 2010 to 2020

2030	25,399 persons
2040	25,649 persons
2050	25,902 persons

Medium = 2000 to 2020

2030	25,714 persons
2040	26,289 persons
2050	26,877 persons

High = 1990 to 2020

2030	25,975 persons
2040	26,824 persons
2050	27,702 persons

Each projection trend shows growth for the city. The range of growth between low and high is approximately 1,800 persons.

Year	1970 to 2020
2020	25,152 persons
2030	25,479 persons
2040	25,810 persons
2050	26,145 persons
Year	1990 to 2020
2020	25,152 persons
2030	25,975 persons
2040	26,824 persons
2050	27,702 persons
Year	2000 to 2020
2020	25,152 persons
2030	25,714 persons
2040	26,289 persons
2050	26,877 persons
Year	2010 to 2020
2020	25,152 persons
2030	25,399 persons
2040	25,649 persons
2050	25,902 persons



Chapter 4 Housing

Housing

Housing is an essential need for all residents of a community. Housing preferences also vary widely between people and those in different stages of their life. Young families have different needs and preferences than senior citizens. Those preferences change constantly over time.

This housing profile examines the existing and projected housing market conditions for Hastings, with a focus on affordable and “missing middle” housing and needs of at risk households. Data used in this element comes from a variety of sources including the U.S. Census Bureau, U.S. Department of Housing and Urban Development (HUD), Adams County Assessor, third-party vendors, and qualitative information from focus group participants.

Projecting future housing needs requires consideration of multiple factors including population

change, household income, housing vacancy rates, employment rates, land use patterns, and residents' preferences. This chapter incorporates findings of the Hastings Affordable Housing Plan, and presents information on the household character of Hastings' residents, describes the existing housing stock and housing conditions, and considers future needs for housing.

Household Character

Overall, Hastings has seen marginal growth over the past two decades, both in population and households. As Table 4.1 illustrates, the number of households in Hastings grew by only 1.2% from 2012 to 2022. The number of households with more than one or more persons 65 and older grew by 23.3%.

Table 4.1: Hastings Households, 2012-2022

	2012	2022	Change 2012-2022
Total Households	10,224	10,348	1.2%
Average Household Size	2.32	2.3	-0.9%
Married-couple household	5,027	4,453	-11.4%
Householder living alone	2,988	1,854	-38.0%
Households with one or more under 18 years	3,014	2,950	-2.1%
Households with one or more 65 years and over	2,696	3,323	23.3%
Householder living alone, 65 years and over	1,265	1,563	23.6%

Sources: ACS 5-Year Estimates 2012 and 2022

Households

In 2022, the number of persons in Hastings living in households numbered 23,840, a growth of 155 persons from 23,685 in 2012. According to the U.S. Census Bureau, 903 persons lived in group quarters as of 2020. 73 of those were institutionalized, which includes such places as correctional facilities for adults, juvenile facilities, and nursing/skilled-nursing facilities. 830 of those were noninstitutionalized, living primarily in College/University student housing.

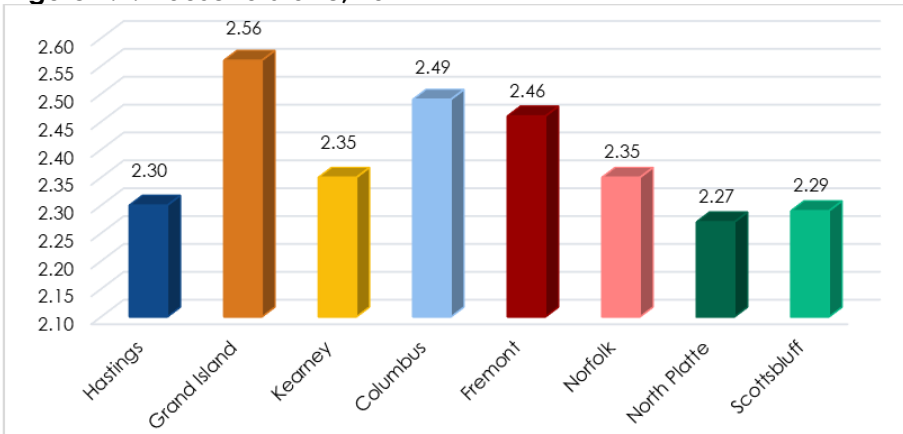
Household Size

As seen in Figure 4.1, the average household size in Hastings in 2022 was 2.30 persons per household. The trend nationally has been towards a declining household size. Hastings had a lower average household size than the other two Tri-Cities. Compared to its peer cities, Hastings also had a lower household size, aside from North Platte and Scottsbluff.

Two-person households were the largest group of owner-occupied housing in Hastings in 2021, with 2,658 housing units (Figure 4.2). By comparison, the largest household size for rentals was one-person households with 1,908 housing units.

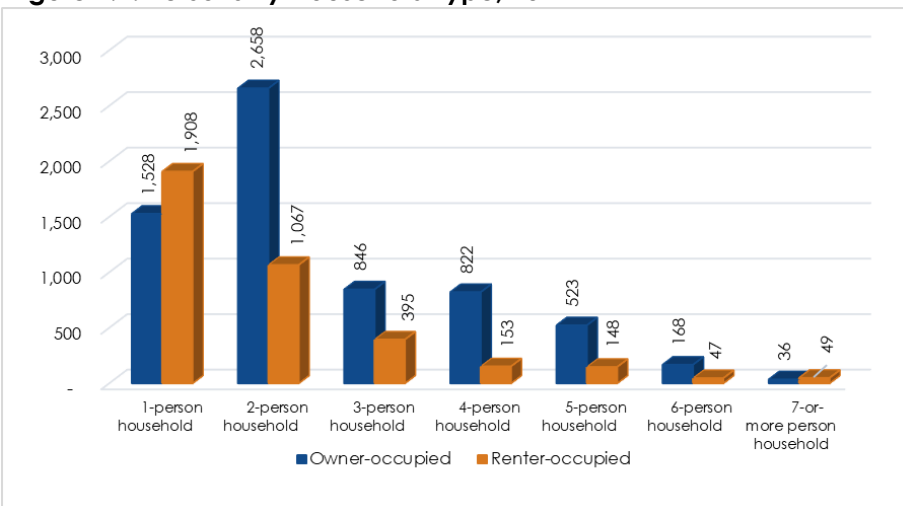
In 2022, the largest home ownership age cohort (Figure 4.3) were those 65 to 74 years old (1,268 or 19.3%). The largest renter-occupied age cohort were those 25 to 34 years (705 or 18.7%). While home-ownership does tend to skew towards older demographics, there is a demand for rental housing among residents of all ages.

Figure 4.1: Household Size, 2022



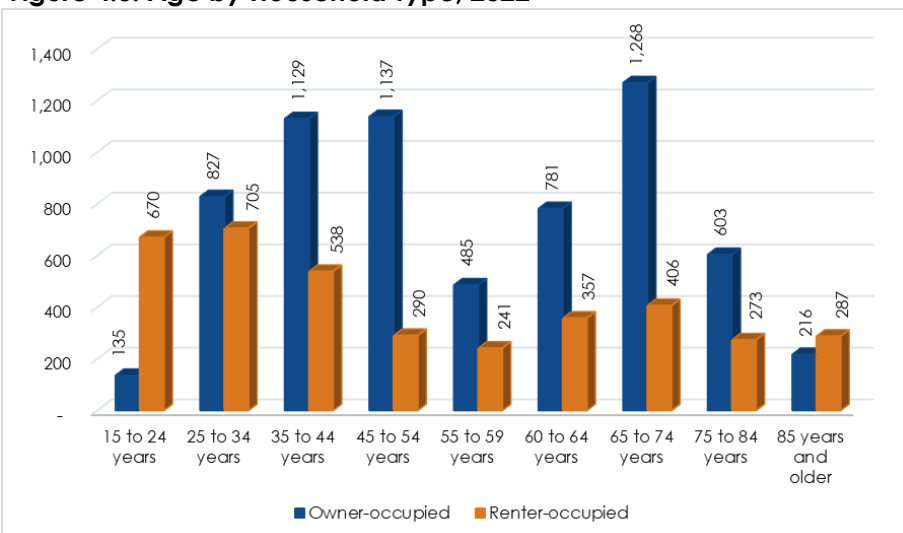
Source: ACS 5-Year Estimates 2022

Figure 4.2: Persons By Household Type, 2022



Source: ACS 5-Year Estimates 2022

Figure 4.3: Age by Household Type, 2022



Source: ACS 5-Year Estimates 2022

Housing Stock

While the housing stock in Hastings continues to age, the share of older units is less than the state overall. However, as each year passes the housing stock ages, and approximately 1% of existing housing units (on average) are removed from the housing stock, through fires, demolition, or other means. If new units are not placed in service or existing units are not maintained or renovated, neighborhoods can deteriorate, leading to disinvestment and dissatisfaction.

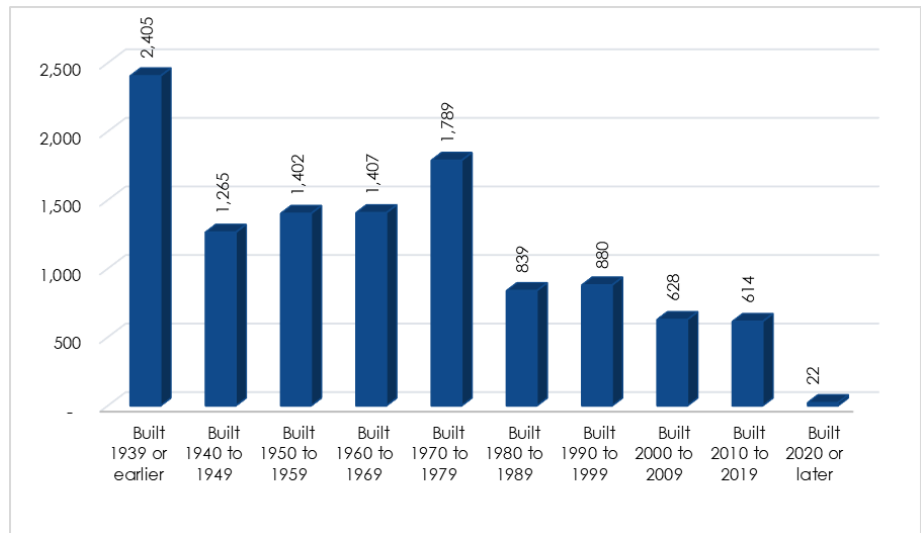
Age of Housing Units

Hastings' housing stock was primarily built 1939 or earlier. Figure 4.4 shows 2,405 housing units - over 24.1% of all housing units in the community - were constructed from at this time. These statistics represent older well-kept homes as well as homes likely in need of repair and possibly rehabilitation. Approximately 13.0% of all homes have been constructed since 2000.

Housing Types

A diverse variety of housing types within a community enables residents to more easily find housing which fits the current needs of their household. Hastings has a comparable housing stock compared to the overall State of Nebraska. As shown in Table 4.2, 70.4% of Hastings' housing is single-family detached units, compared to 72.0% in the overall state, a difference of 1.6%. Hastings does have significantly more Tri- or Quadplex (3 or 4 units) than the overall state as well.

Figure 4.4: Age of Existing Housing Stock, 2022



Source: ACS 5-Year Estimates 2022

Table 4.2: Existing Housing Types, 2022

	Hastings	Nebraska
Units in Structure	% of total	% of total
1, detached	70.4%	72.0%
1, attached	4.1%	4.3%
2 apartments	4.1%	1.7%
3 or 4 apartments	6.5%	2.4%
5 to 9 apartments	3%	4.4%
10 or more apartments	6.4%	13.1%
Mobile home or other type of housing	5.2%	2.1%
Total	11,210	840,802

Source: ACS 5-Year Estimates 2022

"Missing middle" units are also better represented in Hastings compared to the overall state. These house-scale buildings fit seamlessly into existing residential neighborhoods and support walkability, locally-serving retail, and public transportation options.

As Daniel Parolek notes in his book *Missing Middle Housing* (2020), "These [housing] types have historically delivered attainable housing choices to middle-income families without subsidies and continue to play a

role in providing homes to the 'middle income' market segment that typically straddles 60% to 110% average median household income, in new construction, for-sale housing."

Approximately 10.6% of Hastings' housing meets the definition of Missing Middle Housing (townhouse, duplex, triplex), compared to just over 4% within the entire state. Hastings is better represented compared to the State.

In addition to a variety of housing types, choices in number of bedrooms is important to ensure the housing stock is appropriate for the size of a community's families and households. The mix of bedroom diversity in Hastings is similar to the state overall as illustrated in Table 4.3.

Vacancy Rates

A housing market is considered healthy when the effective vacancy rates are between 5% to 7%. This ensures an adequate product for new housing moving into a community and for existing residents to move into housing which better supports their household needs. A constrained housing market leads to price escalation, potential difficulties in attracting workers to a region, exasperating a tight labor market and hampering economic growth. The lack of available housing may also cause frustration from existing residents who may not find the desired product for their current lifestyle and may choose to leave the community in search of housing fitting their needs.

Conversely, a housing market with high vacancy rates can be problematic for a community. High vacancy rates may place downward pressure on for-sale and rental housing. While lower-cost housing is advantageous for renters and home buyers; it can result in less operating income for rental housing and less ability to borrow against a home's equity, leading to deferred maintenance and or home improvements.

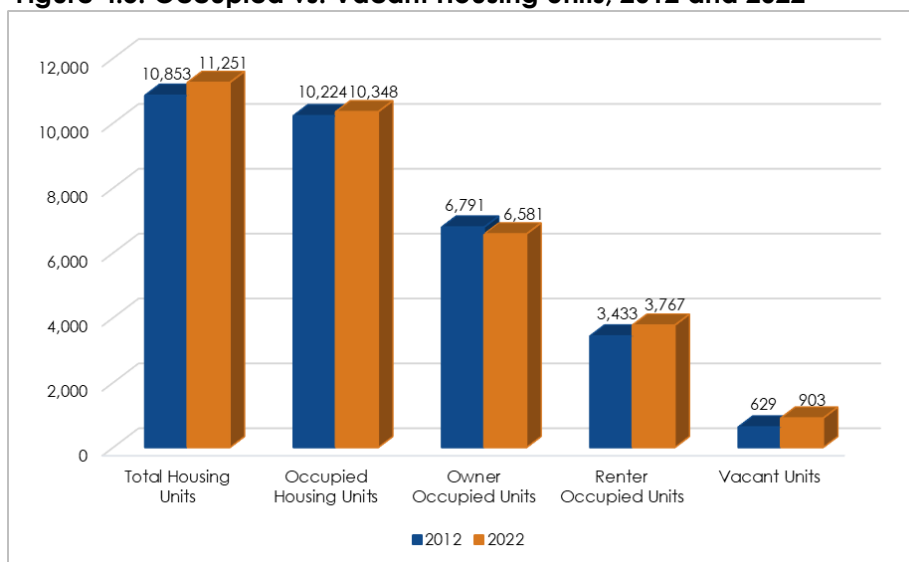
The ACS-estimated number of occupied housing units in Hastings grew from 2012 to 2022, while the number of vacant units

Table 4.3: Number of Bedrooms, 2022

Number of bedrooms	Hastings		Nebraska	
	Units	% of total	Units	% of total
0	297	2.9%	17,356	2.2%
1	1,082	10.5%	86,688	10.8%
2 or 3	6,914	66.8%	483,116	60.2%
4 or more	2,055	19.9%	215,997	26.9%
Total:	10,348		803,157	

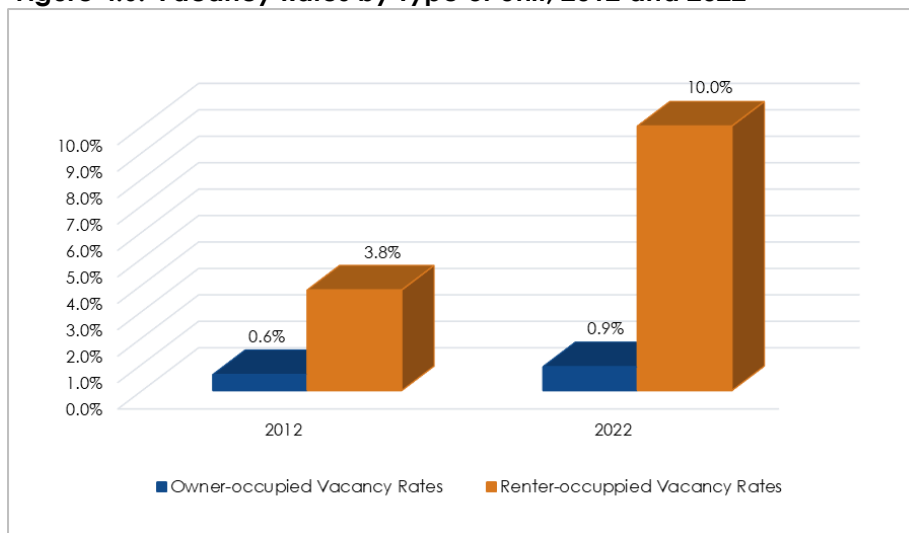
Source: ACS 5-Year Estimates 2022

Figure 4.5: Occupied vs. Vacant Housing Units, 2012 and 2022



Sources: ACS 5-Year Estimates 2012 and 2022

Figure 4.6: Vacancy Rates by Type of Unit, 2012 and 2022



Sources: ACS 5-Year Estimates 2012 and 2022

grew as well. The number of

owner-occupied units decreased slightly to 6,581 while the number of renter-occupied units increased more significantly to 3,767 (Figure 4.5). The vacancy rate for owner-occupied units grew from 0.6% to 0.9%, while the vacancy rate for renter-occupied units increased greatly from 3.8% to 10.0% (Figure 4.6). An increase in rental vacancies is likely attributed to less college students being enrolled during the COVID-19 pandemic.

Over the same time period, the State's median value had increased from \$126,700 to \$205,600. The median value in Hastings grew by 70.9% over the time period, which was a higher increase than the growth the state saw (nearly 63.0%).

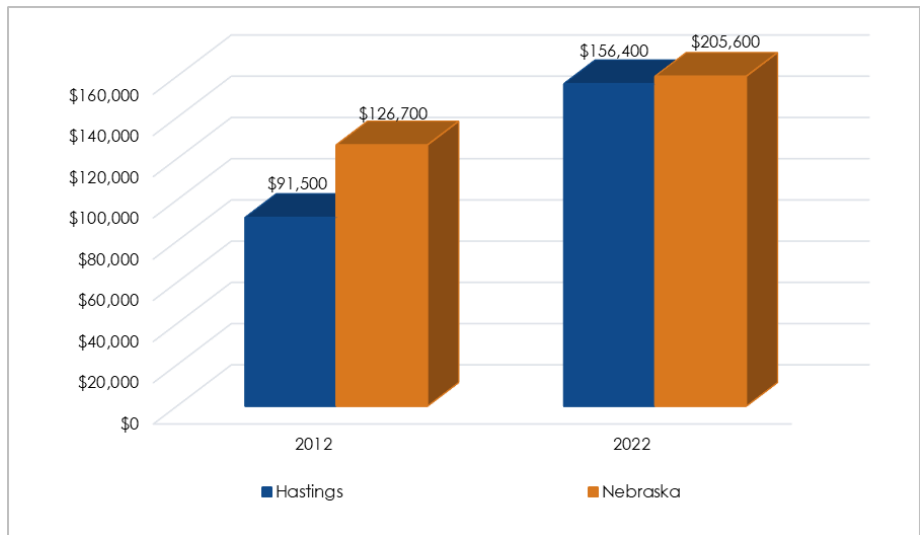
Median gross rent in Nebraska increased by 43.7% between 2012 and 2022. Median gross rent in Hastings grew, but at a considerably lesser rate (32.6%).

Housing Conditions

If properties are allowed to fall into disrepair either because the owner does not have the resources to maintain the structure or simply through neglect, properties can become highly dilapidated. At some point, if there is no intervention, it may cost more to rehabilitate the structure than is economically feasible and in many of those cases, these properties become abandoned.

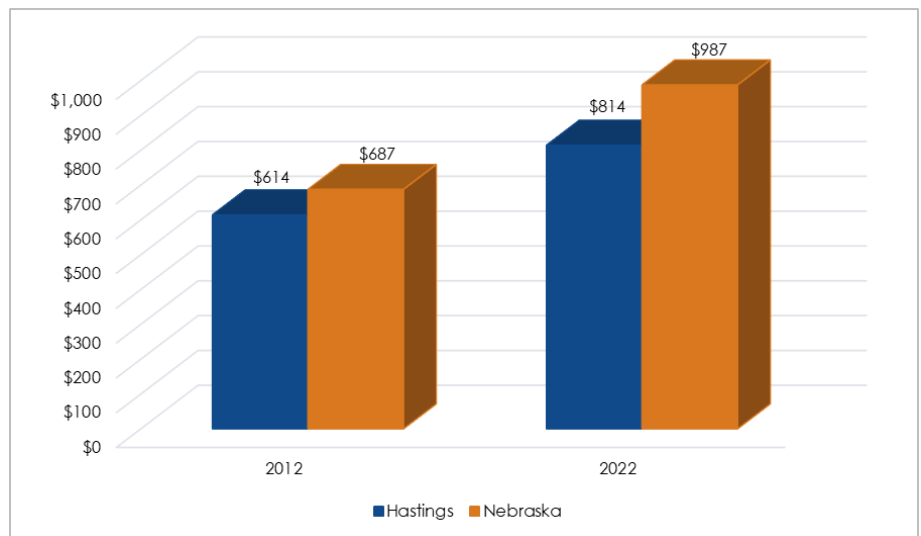
According to the U.S. Department of Housing and Urban Development ("HUD") guidelines, housing units lacking complete plumbing or are overcrowded are considered substandard housing units. HUD defines a complete plumbing

Figure 4.7: Median Value Owner-Occupied Units, 2012 and 2022



Source: ACS 5-Year Estimates 2012 and 2022

Figure 4.8: Median Gross Rent, 2012 and 2022



Source: ACS 5-Year Estimates 2012 and 2022

facility as hot and cold-piped water, a bathtub or shower, and a flush toilet; overcrowding is more than one person per room. In addition, anytime there is more than 1.0 persons per room, the housing unit is considered overcrowded, thus substandard.

When applied to Hastings, 123 units were considered substandard in 2012 and 232 units were substandard in 2022 (Figure 4.9 on the next page).

Some housing units may have met both criterion and were effectively counted twice. Even so, the City should not assume the number of substandard housing units are overestimated. Housing units containing major defects requiring rehabilitation or upgrades to meet building, electrical, or plumbing codes should also be included in an analysis of substandard housing.

At-Risk Households

A key factor to examine is households at risk of entering into a housing crisis, becoming homeless, or due to income constraints not able to maintain their housing.

Poverty

The poverty rate estimate by the ACS in 2022 is higher for Hastings (14.0%) than the overall poverty rate in Nebraska (10.4%). Those households tend to be the highest risk for homelessness because they are living on the financial edge and may have issues of income, food, and housing insecurity.

Cost-Burdened Households

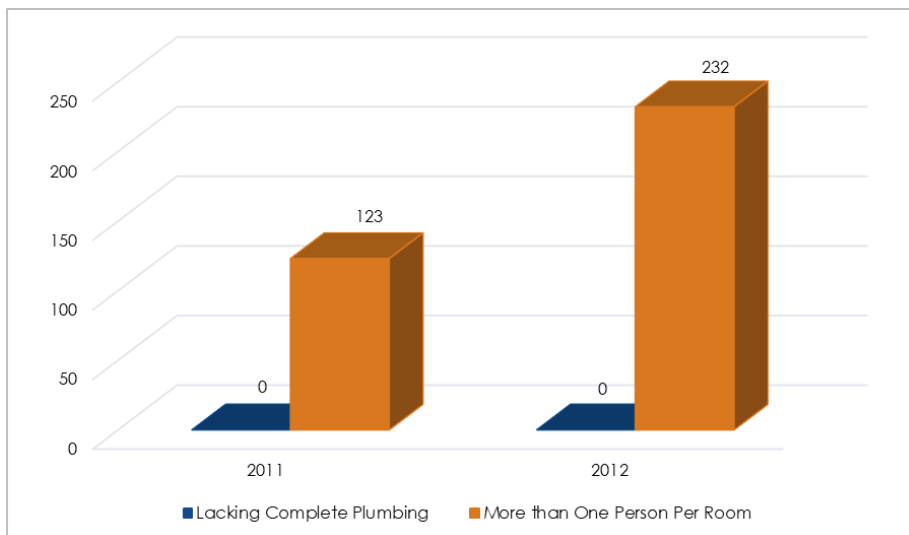
The U.S. Department of Housing and Urban Development defines cost burdened households as those spending more than 30% of their household income on housing costs. Severely cost burdened households are those spending 50% or more of their household income on housing costs. Housing costs include mortgage or rent, and utilities.

As Table 4.6 illustrates, over 13.2% of Hastings' households are considered cost-burdened and an estimated 10.9% are severely cost-burdened.

Affordable Housing Plan

The City of Hastings adopted an Affordable Housing Plan on December 12, 2023, as required by Nebraska State Statutes 19-5501 to 19-5506 (LB 866 - The Municipal Density and Missing Middle Housing Act). These statutes require cities to adopt plans addressing goals for construction of affordable and accessible housing, increasing missing middle and multi-family

Figure 4.9: Substandard Housing Conditions, 2012 and 2022



Source: ACS 5-Year Estimates 2012 and 2022

Table 4.4: Cost Burdened Households, 2020

	Owner Occupied		Renter-Occupied		Total	
	Number	% of	Number	% of	Number	% of
Greater than 30% but less than or equal to 50%	665	10.4%	730	17.4%	1,395	13.2%
Greater than 50%	255	4.0%	895	21.3%	1,150	10.9%
Not Cost Burdened	5,460	85.4%	2,025	48.2%	7,485	70.7%
Total	6,390	100.00%	4,200	100.0%	10,590	100.0%

Source: 2016-2020 Comprehensive Housing Affordability Strategy (CHAS)

housing, plans for incentives for affordable housing, and an update to city zoning codes to ensure all of the above actions can occur.

Goals and Actions

Goal 4.1: There is an increase in the number and types of housing units to meet the needs of Hastings' current and future residents.

Actions

4.1.1: Prioritize public funding for projects incorporating affordable, missing middle and/or workforce housing.

4.1.2: Revise zoning code to accommodate mixed-use development.

4.1.3: Explore creating a Community Land Trust.

4.1.4: Explore shared risk loan pools for higher-risk workforce and affordable housing projects.

4.1.5: Support the goals and actions outlined in the Affordable Housing Plan adopted in 2023.

Goal 4.2: Existing housing is improved and preserved.

Actions

4.2.1: Target redevelopment strategies toward vacant and abandoned properties.

4.2.2: Target funds toward property improvement for low and moderate income residents.

4.2.3: Develop programs to promote the private renovation of vacant homes.

Goal 4.3: Development costs are reduced where possible.

Actions

4.3.1: Explore partnerships with the Nebraska Manufactured Housing Association to work with local housing manufacturers to develop a palette of neighborhood context sensitive home plans that can be constructed on infill lots.

4.3.2: Proactively extend public utilities to reduce the costs of development and encourage development in appropriate areas.

Goal 4.4: Household stability is improved.

Actions

4.4.1: Work with existing subsidized housing owners to ensure their properties are well-maintained and the affordable units are preserved.

4.4.2: Work with affordable housing developers to create additional rental housing for very-low income families.

4.4.3: Explore establishing an LB424 Land Bank.

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Chapter 5 Economic Profile

Economic Profile

Economic development is a process of investment to increase the well-being of a community. The creation of new enterprises and the retention and expansion of existing businesses enables the creation of jobs for current and new residents, and provides new sources of income.

A diversified economic base enables a community to respond to changing economic conditions, increase local income, create job opportunities, and improve the quality of life of a community. As Edward Hill of The Ohio State University wrote in *Economic Development Quarterly* (2023): "Economic development introduces new goods and services into a region's portfolio of traded products or expands the productive capabilities of existing members of a region's economic base."

In this section, income and employment data and trends are presented and analyzed for Hastings, Adams County, and the state of Nebraska. This section also contains a more detailed analysis of commercial real

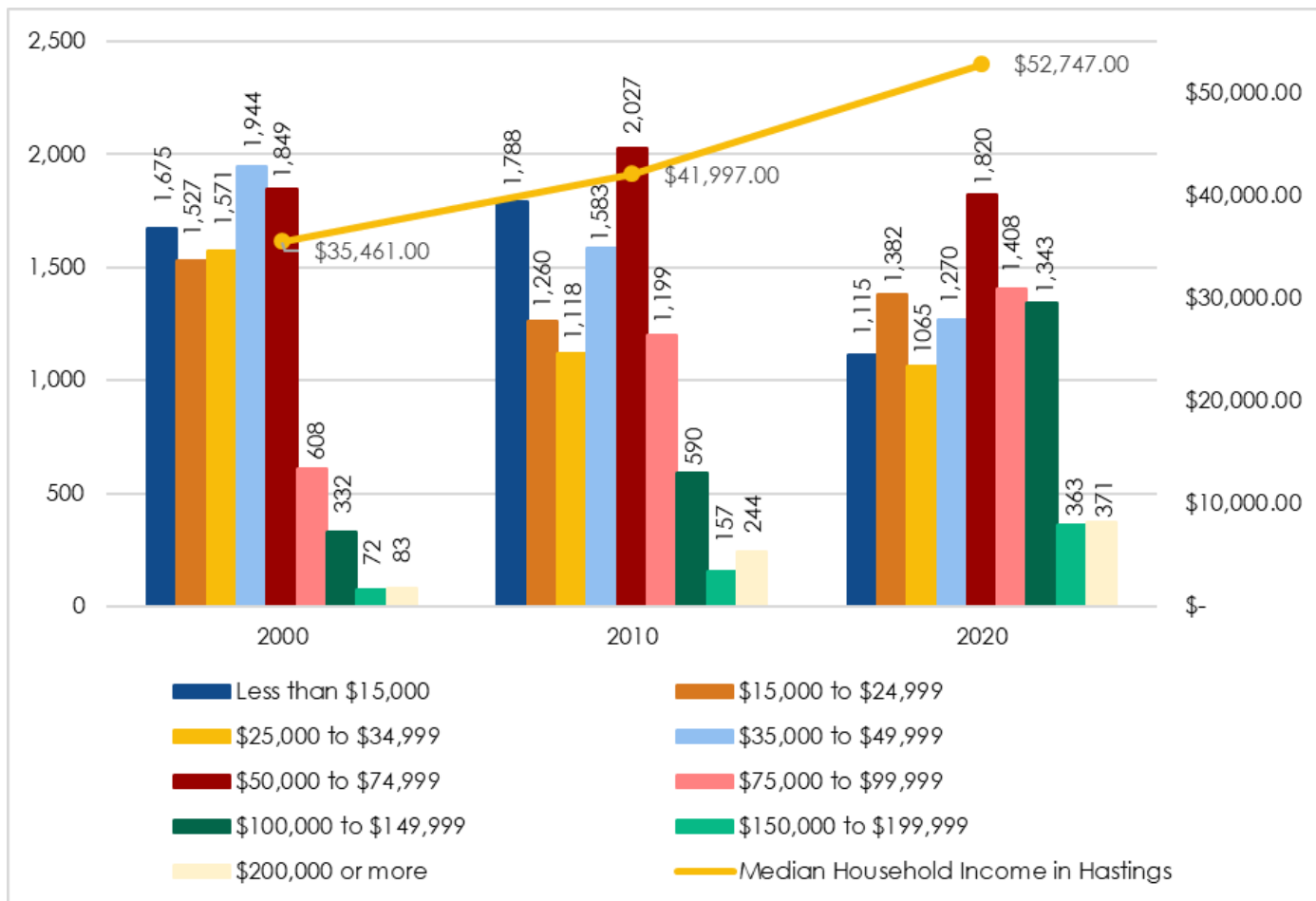
estate trends.

Many economic data sources only cover counties, metropolitan statistical areas (MSAs), and states. City-specific data is considered when available.



Photo 5.1: Downtown Hastings, an economic driver for the city
Source: Marvin Planning Consultants

Figure 5.1: Household Income, 2000-2020



Sources: US Census Bureau 2000, ACS 5-Year Estimates 2010 and 2020

Income Statistics

Income statistics for households are important in determining the earning power of households in a community. These data were reviewed to determine whether households experienced income increases at a rate comparable to the state of Nebraska and the Consumer Price Index (CPI).

Figure 5.1 indicates the number of households in each income range for Hastings from 2000 to 2020. The household income range most commonly reported for each time period was \$35,000 to \$49,999 (20.1% of all households), \$50,000 to \$74,999 (20.3% of all households), and

\$50,000 to \$74,999 (18.0% of all households), respectively.

Those households earning less than \$15,000 accounted for 17.3%, 17.9%, and 11.0% of all households for the three time periods, respectively. These households account for the poorest of the poor in the city. In addition, the households earning less than \$35,000 made up 49.4%, 41.8%, and 35.1% of all households for the time period in Hastings, respectively.

The median household income for Hastings was \$35,461 in 2000, which was \$3,789 less than the state's median income of \$39,250. By 2010, the median

household income increased to \$41,997 (an increase of 18.4%), which was nearly \$8,000 lower than the state's median household income of \$49,342. By 2020, the median household income had risen again to \$52,747, which was a rise of 25.6% from 2010. The city's median household income had still not surpassed the state's median household income of \$63,015 by 2020.

The CPI rose 50.5% over the time period, which indicates household incomes in Hastings did not exceed inflation. Over the time period, household incomes increased by 48.7% in the city. However, household

incomes in Nebraska rose by 60.5%, thus exceeding the rate of increase in CPI in the state.

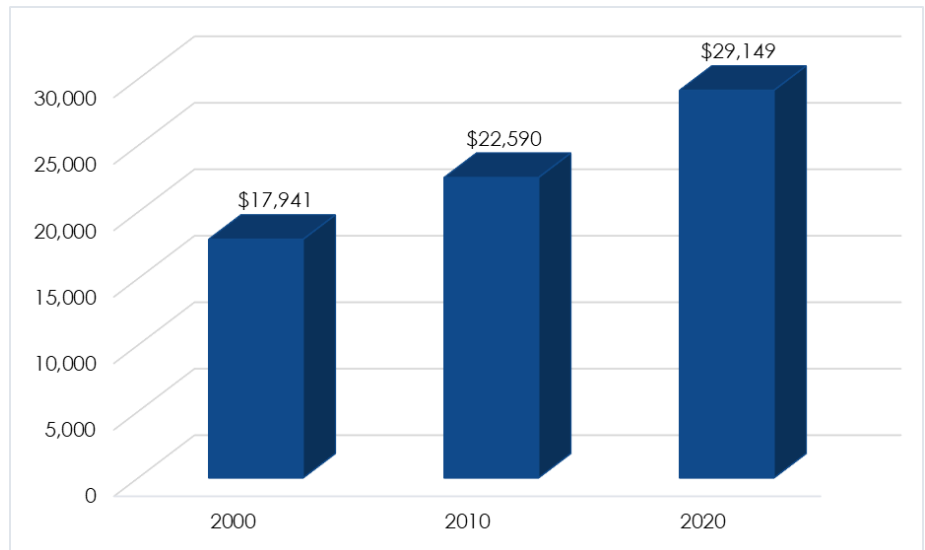
Per Capita Income

The per capita income in Hastings increased from \$17,941 in 2000 to \$29,149 in 2020, or an increase of 62.5%, which was greater than the CPI for the period. Hastings' per capita income in 2000 was 91.5% of the state per capita income of \$19,613 and by 2010 the city dropped to 91.3% of the state's per capita income level of \$24,744. Finally, in 2020, per capita income in Hastings was up to 87.8% of the state of Nebraska's per capita income (\$33,205).

Income and Education

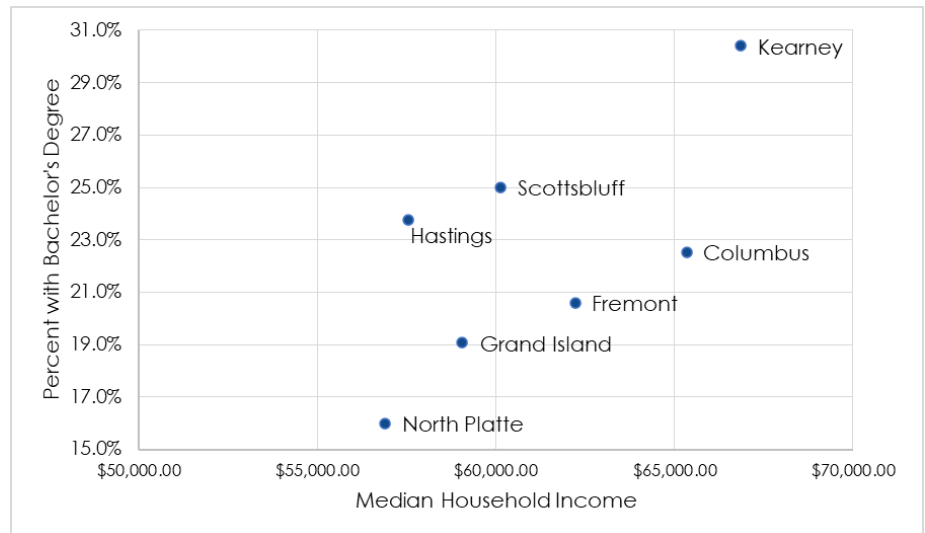
With occasional exceptions, income and higher educational attainment tend to be highly correlated. Figure 5.3 plots Hastings and comparison areas (the Tri-Cities region and peer cities) based on median household income and percent of adults (age 18 and above) with bachelor's degrees or higher. Hastings had the third highest amount of population with bachelor's degrees or above. However those residents had the second to lowest median household incomes of the comparison areas. Note not all higher paying jobs require college degrees. The Kearney data point is an outlier due to the presence of the University of Nebraska-Kearney.

Figure 5.2: Per Capita Income, 2000 - 2020



Sources: US Census Bureau 2000, ACS 5-Year Estimates 2010 and 2020

Figure 5.3: Income by Educational Attainment, 2022



Source: ACS 5-Year Estimates 2022

Sales Tax

Increasing income tends to result in increasing retail sales, providing a base for employment and income for local residents. Retail sales also drive local sales and use tax receipts for municipalities and the State of Nebraska. The City of Grand Island has adopted a local rate of 2.0%. The City of Kearney and the City of Hastings have adopted local rates of 1.5%.

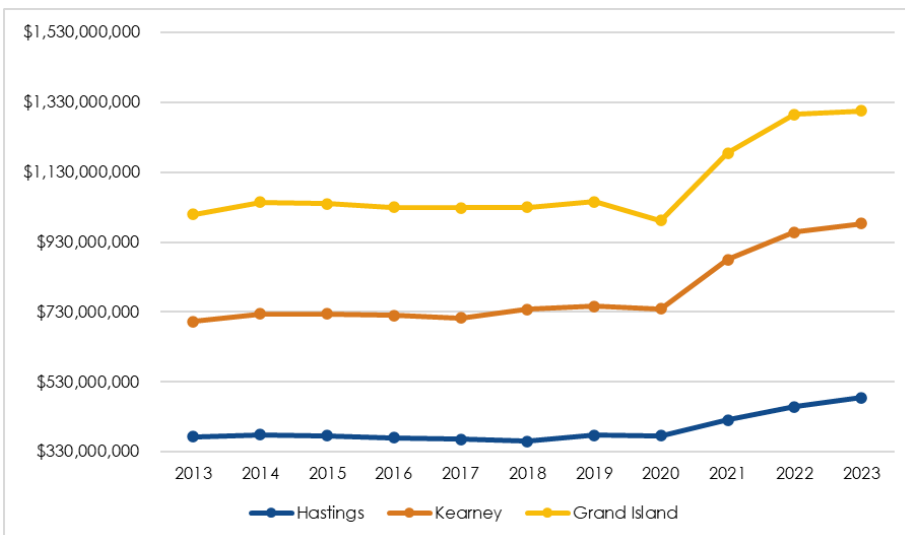
According to the Nebraska Department of Revenue, Net Taxable Sales in Hastings have grown from over \$373 million in 2013 to over \$484.7 million in 2023, an increase of 29.8% (Figure 5.4). Kearney realized a much higher level of sales - \$983 million in 2023 - bringing the ten-year trend up to an increase of 39.9%. Grand Island sales grew from just over 1 billion in 2013 to just over 1.3 billion in 2023, an increase of 29.3%. The retail options in Kearney and Grand Island, as well as larger populations, are likely reasons why the net taxable sales were considerably higher in the other Tri-Cities.

However, it should be noted that Net Taxable Sales took a large hit across the board during the COVID pandemic in 2020. The overall impacts of the pandemic, along with shifts towards online sales, will continue to bear watching.

Labor Force Characteristics

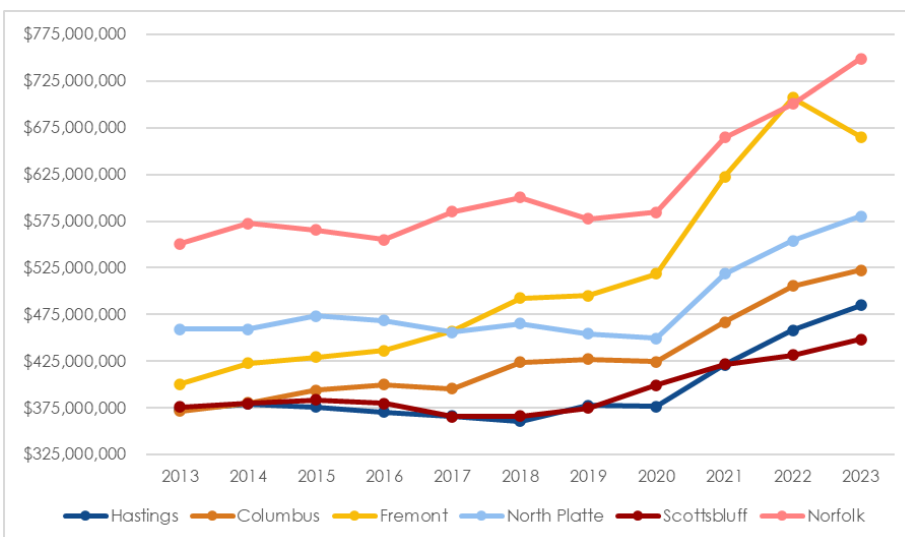
In this section, labor force and unemployment will be examined. The following definitions were taken from the Bureau of Labor Statistics.

Figure 5.4: Net Taxable Sales, Hastings and Tri-Cities, 2013-2023



Source: Nebraska Dept. of Revenue, Non-Motor Vehicle Sales Tax Collections

Figure 5.5: Net Taxable Sales, Hastings and Peer Communities, 2013-2023



Source: Nebraska Dept. of Revenue, Non-Motor Vehicle Sales Tax Collections

The **labor force** includes all people ages 16+ who are classified as either employed or unemployed. People are classified as **unemployed** if they do not have a job, have actively looked for work in the prior 4 weeks, and are currently available for work.

Labor Force Participation Rate

The labor force participation rate is the proportion of the working-age population that is either working or actively looking for work. The unemployment rate is the remainder of the labor force participation rate from 100%. This rate is an important labor market measure because it represents the relative amount of labor

resources available for the production of goods and services (Bureau of Labor Statistics). This rate is calculated by dividing the total Employed persons by the total Labor Force.

The unemployment rate in Hastings is middle of the pack compared to the Tri-Cities. Kearney had the lowest unemployment rate in 2022. Hastings fared better compared to the peer communities, tied with Fremont and Norfolk at 2.2% unemployment rate. Data were not available for Scottsbluff and Columbus.

Industry Employment

Employment by industry data assists in understanding the key generators of income. The Bureau of Economic Analysis ("BEA") tracks employment by county. The total annual average number of jobs in Adams County grew from 20,625 in 2012 to 21,473 in 2022, a 4.1% growth rate (Table 5.3). This includes people who live elsewhere and commute into Adams County. While there were impacts from the pandemic in 2020, unemployment in Nebraska decreased by 1.6% in the same decade.

Manufacturing had the largest number of jobs, 3,060 in 2022, up 28.9% over 2012. Wholesale trade contracted by -10.6% to 763 in 2022, the largest decrease seen over the time period. Farm employment in the county decreased slightly over the time period.

Health Care is the largest employment sector in Nebraska statewide. This is true for Hastings as well, as Mary Lanning Healthcare has historically been

Table 5.1: Labor Force Participation Rate, Hastings and the Tri-Cities, 2012 and 2022

Location	2012			2022		
	Labor Force	Employed Persons	Unemployment	Labor Force	Employed Persons	Unemployment
Hastings	13,364	12,887	3.6%	13,635	13,330	2.2%
Kearney	18,673	18,117	3.0%	19,926	19,531	2.0%
Grand Island	26,894	25,863	3.8%	27,409	26,734	2.5%

Source: NEWorks 2012 - 2022

Table 5.2: Labor Force Participation Rate, Hastings and Peer Communities, 2012 and 2022

Location	2012			2022		
	Labor Force	Employed Persons	Unemployment	Labor Force	Employed Persons	Unemployment
Hastings	13,364	12,887	3.6%	13,635	13,330	2.2%
Columbus	N/A	N/A	N/A	N/A	N/A	N/A
Fremont	13,750	13,150	4.4%	14,980	14,654	2.2%
Norfolk	13,081	12,652	3.3%	13,792	13,483	2.2%
North Platte	12,951	12,448	3.9%	12,367	12,079	2.3%
Scottsbluff	N/A	N/A	N/A	N/A	N/A	N/A

Source: NEWorks 2012 - 2022

Table 5.3: Adams County Employment 2012-2022

Industry	2012	2022	Change 2012-2022
Total Employment by Place of Work	20,625	21,473	4.1%
Farm Employment	584	572	-2.1%
Non-Farm Employment	20,041	20,901	4.3%
Forestry and Fishing	318	(D)	-
Mining, Quarrying, and Oil & Gas Extraction	24	(D)	-
Utilities	(D)	(D)	-
Construction	1,269	1,385	9.1%
Manufacturing	2,374	3,060	28.9%
Wholesale Trade	853	763	-10.6%
Retail Trade	2,249	2,057	-8.5%
Transportation and Warehousing	(D)	(D)	-
Information	198	156	-21.2%
Finance and Insurance	845	939	11.1%
Real Estate	689	1,031	49.6%
Professional, Scientific, and Technical Services	650	630	-3.1%
Management of Companies	134	159	18.7%
Administrative/Support/Waste Management	919	940	2.3%
Arts, Entertainment, and Recreation	260	285	9.6%
Accommodation and Food Services	1,337	1,461	9.3%
Other Services (except Government)	1,224	1,207	-1.4%
Government	2,500	2,331	-6.8%

(D) Not Disclosed, n/a- Not Available

Source: BEA Regional Economic Accounts, 2012- 2022

one of the largest employers in the city. Over the 10 year period, this likely stayed true.

Employment by Place of Residence

The ACS estimates employment statistics for the people who live in an area. These represent people who live in the city of Hastings, whether they work in the city or commute outside the city. If more people are employed in an industry, it may indicate opportunities for local job creation.

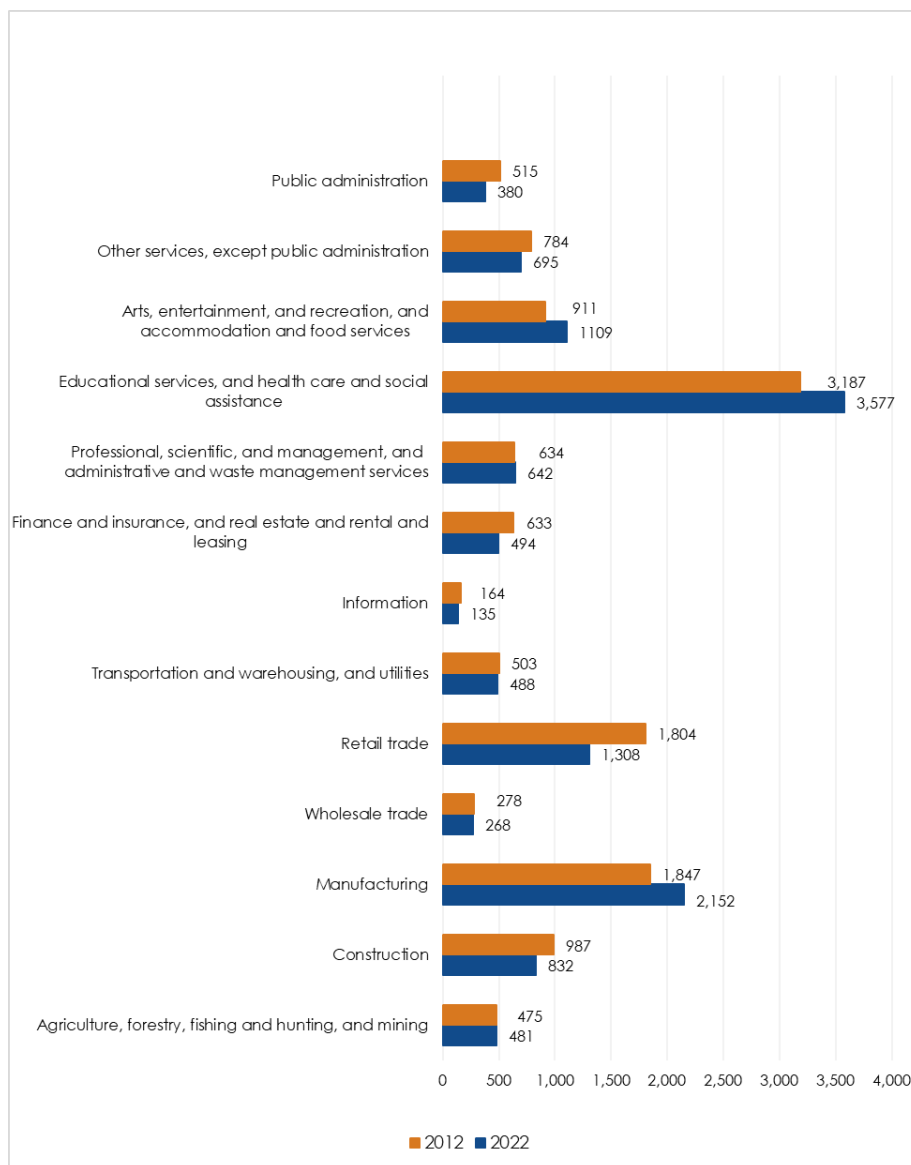
In Hastings, 3,577 residents reported they worked in the Educational services, and health care and social assistance industry in 2022 (Figure 5.6). While Table 5.3 did not show data for those who worked in this sector, these employment numbers suggest how important Mary Lanning Healthcare is to the city and region. Retail trade and manufacturing are the next highest employment sectors in Hastings. Retail trade contracted over the time period. With more retail options in Kearney and Grand Island, this is not surprising.

Major Employers

According to Hastings Economic Development Corporation, major employers in Hastings include manufacturers, healthcare, education, and government jobs. The top manufacturer jobs include:

- Thermo King;
- WR Reserve;
- Dutton-Lainson Company;
- T-L Irrigation;
- Flowserve Inc.;
- Ag Processing Inc.;
- Paperworks Industries;
- Centennial Plastics;
- A1 Fiberglass;
- Nebraska Aluminum Castings;
- Flanders Provision;
- Chief Ethanol Fuels, and;
- Hastings Irrigation Pipe

Figure 5.6: Hastings Residents' Employment by Industry 2012-2022



Source: ACS 5-Year Estimates 2012 and 2022

The top non-manufacturing jobs include:

- Mary Lanning Memorial Hospital;
- Hastings Public Schools;
- Good Samaritan Village;
- Central Community College;
- US Meat Animal Research;
- Hastings College;
- City of Hastings;
- Hastings Utilities, and;
- Adams County

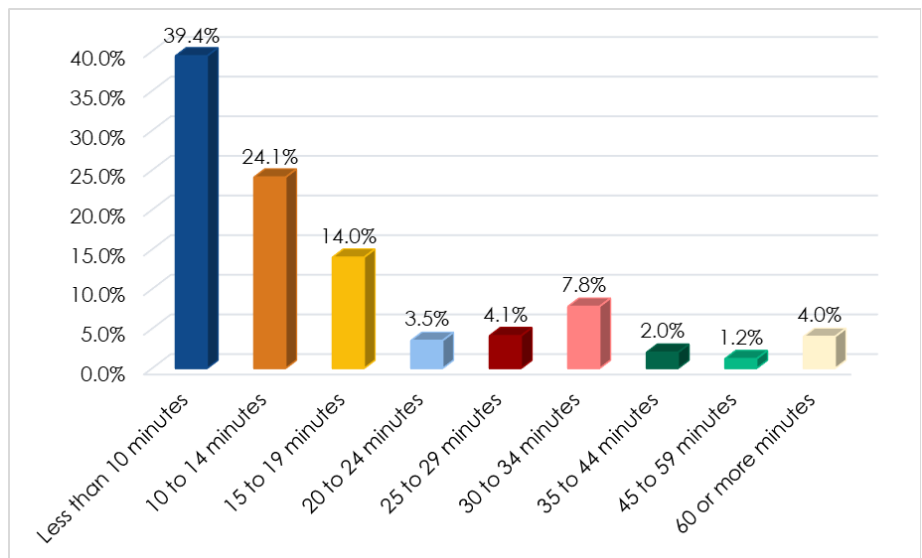
Commuter Trends

Hastings is part of a regional job market, with some local residents leaving the city to commute to work elsewhere in the Tri-Cities Regions, while others commute into Hastings from their homes in Adams County or further away. The ACS estimates that in 2022, 27.3% of Hastings residents left the city to work each day, and 17.0% left Adams County to work.

Travel time to work affects quality of life. If commute time becomes excessive, people may seek work closer to home or leave the community to move closer to their workplace. 22.5% of people travel more than 20 minutes to work (5.2% travel 45 minutes or more). About 39.4% of commuters traveled 10 minutes or less to work, including the 3.8% who worked from home (Figure 5.7).

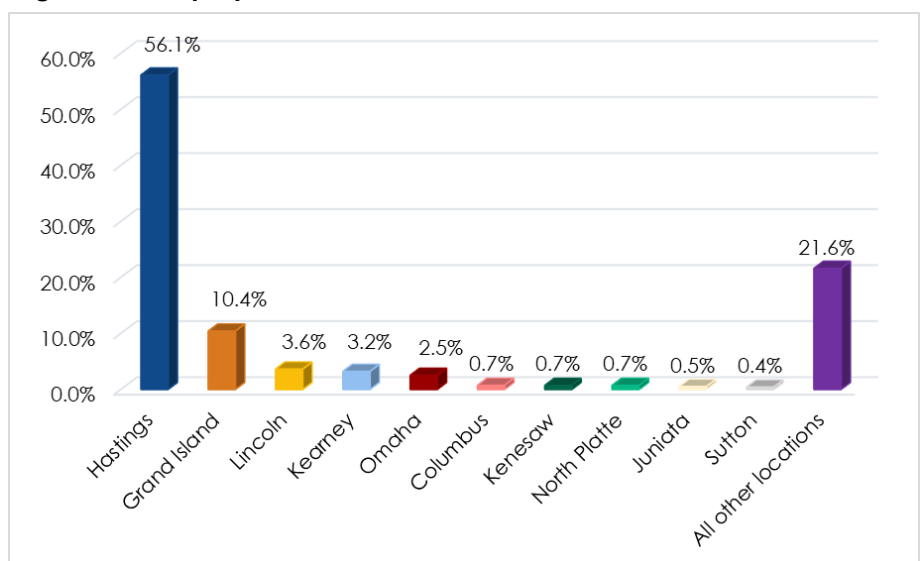
Figure 5.8 shows where people travel to for work. The vast majority (56.1%) stay in Hastings. About 13.6% of persons travel to the Tri-Cities. Juniata and Kenesaw are both within Adams County (the former being adjacent to Hastings to the west), while Sutton is a short drive to the east in Clay County. The larger cities of Lincoln, Omaha, North Platte, and Columbus are outliers, attracting a minimal amount of workers. "All other locations" can include out state jobs in Kansas, South Dakota, or Colorado. This data does include persons who call Hastings home but may commute during the week, or work from Hastings and their job is in a place such as Omaha.

Figure 5.7: Travel Time to Work, 2022



Sources: ACS 5-Year Estimates 2022

Figure 5.8: Employment Location



Sources: US Census Bureau OnTheMap 2021

Goals and Actions

Goal 5.1: The City has a strong economy supporting new business and retention & expansion of existing business.

Actions

5.1.1: Continue to support the Downtown Hastings Business Improvement District.

5.1.2: Work closely with South Central Economic Development District to access EDA and other funding sources for local economic development.

5.1.3: Aid development or redevelopment through Tax Increment Financing ("TIF") where appropriate.

Goal 5.2: There are sites available for commercial and industrial development.

Actions

5.2.1: Continue to provide a clear and consistent development review process to ensure timely permit review.

5.2.2: Work with the Hastings Economic Development Corporation to identify future industrial park sites.

5.2.3: When economically feasible, proactively extend public utilities to reduce the costs of development and encourage development in appropriate areas.

Goal 5.3: The City is responsive to employers considering relocation.

Actions

5.3.1: Work with Hastings Economic Development Corporation and the Hastings Chamber of Commerce to develop a community profile publication with demographic, housing, and economic statistics from this plan for site selectors and prospective employers.

5.3.2: Continue to post community profiles, planning & zoning requirements, and other development information on the City of Hastings website.

5.3.3: Work with Nebraska Department of Economic Development and the Hastings Economic Development Corporation to be responsive to potential relocation targets.



Chapter 6 Community Facilities

Hastings' Facilities

State and local governments provide a number of services to their citizens. These services are provided in a wide range of buildings owned and maintained by different levels of government. Such facilities are provided to ensure the safety, wellbeing, and enjoyment of the residents of Hastings. These facilities and services provide residents with social, cultural, educational, and recreational opportunities.

It is important for all levels of government to anticipate the future demand for their services if the city is to remain strong and vital. The examination of existing facilities and future services are contained in this chapter. Alternatively, in some instances, there are a number of services not provided by the local or state governmental body and are provided by non-governmental entities, private organizations, or non-profits for the community as a whole. These organizations are

important providers of services and are an integral part of the community.

Facilities Plan

The Facilities Plan reviews present capacities of all public and private facilities and services. To determine if these facilities are sufficient for future populations, "The Planner's Estimating Guide - Projecting Future Land-Use and Facility Needs" was used as reference. This guide is written for planners to determine level of service within their communities, based on national standards.

The Facilities Plan for Hastings is divided into the categories of City Facilities and Education. While the Hastings Municipal Airport and Pollution Control Facility (present on Figure 6.4) are City owned, they will be discussed in later chapters.

Data Variations

The data presented about college students reflects

decreased attendance during the COVID-19 pandemic. The pandemic caused a dramatic reduction in in-person attendance as well as overall enrollment.

City Facilities

Hastings City Offices

Hastings City Offices are currently split between three locations after the closing of City Hall at 220 N Hastings Ave. Departments are now split between the Landmark Center at 2727 W 2nd St, 3505 Yost Ave, and 1228 N Denver Ave. City Hall is facing significant renovations, which the public showed support for in 2023.

As these facilities are currently being renovated, level of service was not investigated. However, into the future, the City must meet the needs of future populations with the future City Offices.

Source: cityofhastings.org

Library

The Hastings Public Library, pictured on page 35, is located at 314 N Denver Ave. The Library was first built in 1962. In 2017, renovations were completed to the facility, adding 2,500 square feet to the 29,000 square foot facility. The renovations won the AIA/ALA Library Building award in 2018. The Library also hosts skilled trade licensing programs.

With recent renovations, the City is meeting the needs of the community. In the future, the Library should be monitored to ensure it is still meeting the needs of the City, particularly in the technology sector. The City and Library should follow the American Library Association standards.

(Note: modified slightly from website.)

Sources: aia.org; cityofhastings.org; Hastings Public Library

City Auditorium

The City Auditorium was built in 1924 at 400 N Hastings Ave. Amenities include a full kitchen with capability for catering, a balcony with theater seating, stage and arena for dancing and large events, ADA accessibility, and a drop down screen for video presentations. These amenities make the Auditorium a popular Hastings location for stage productions, conventions, seminars, receptions, and trade shows. The Auditorium can seat 1,668, with 800 on the main floor and 868 in the balcony.

(Note: text modified from website.)

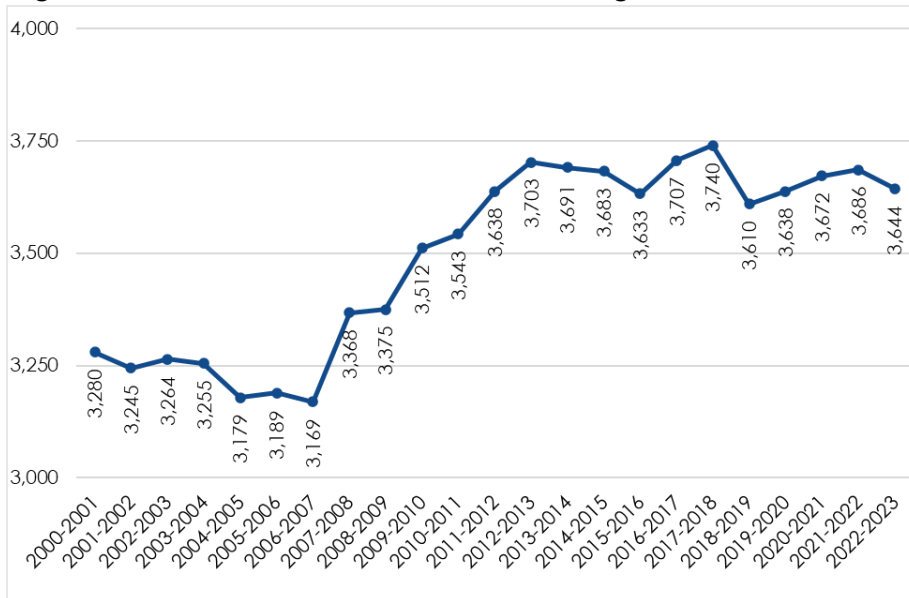
Source: cityofhastings.org

Educational Facilities

Hastings Public School District

Hastings Public Schools ("HPS") is home to an early learning center, five elementary schools, Hastings Middle School, and

Figure 6.1: School Enrollment 2000-2023, Hastings Public School District



Source: Nebraska Department of Education

Hastings High School. The school district is highly decorated, having won a multitude of awards for student success, being a model school in the state and nation, contributing to the city, and having high wellness standards. Hastings Public Schools was granted District Accreditation from Advanced Accreditation Commission.

Hastings Public Schools saw a peak student population of 3,740 students in 2017-2018. In addition, the low occurred during the 2006-2007 academic year with 3,169 students. The total enrollment at HPS is largely maximized because of an interlocal agreement between HPS and Adams Central School District, which sets HPS's district boundaries and does not allow it to expand.

In 2020, Citizens in the HPS District approved a bond to renovate the district's facilities. The improvements created through the approved bond ensure that each school building has enough

room to meet the needs of the students and teachers. Because of these improvements and the fact that the school district enrollment is largely set by the interlocal agreement, no new schools are planned for. If a building reaches its expected life cycle, and the District chooses not to repair and renovate the building, HPS has land available to construct new school buildings, as needed.

Source: Hastings Public Schools

Adams Central School District

Adams Central Public Schools ("Adams Central") is home to an early childhood learning center, a newly constructed elementary school, and a junior/senior high school. Adams Central became the first former Class 1-Class 6 school district in the state to reach district accreditation through Advanced Accreditation Commission. After the completion of Adams Central Elementary School, student enrollment nearly doubled. Before the building of the new elementary school, the

population ranged between 445 to 467. After the addition of the new school, the population peaked at 1,005 in 2018-2019. The lowest student population was in 2006-2007, the first year of the elementary school's building. The School District anticipates an annual 1% growth rate. Based on this growth rate, the school district is currently not planning on any new school facilities. The District is in the process of updating athletic facilities and making other needed renovations to the existing buildings to meet the needs of the students and teachers.

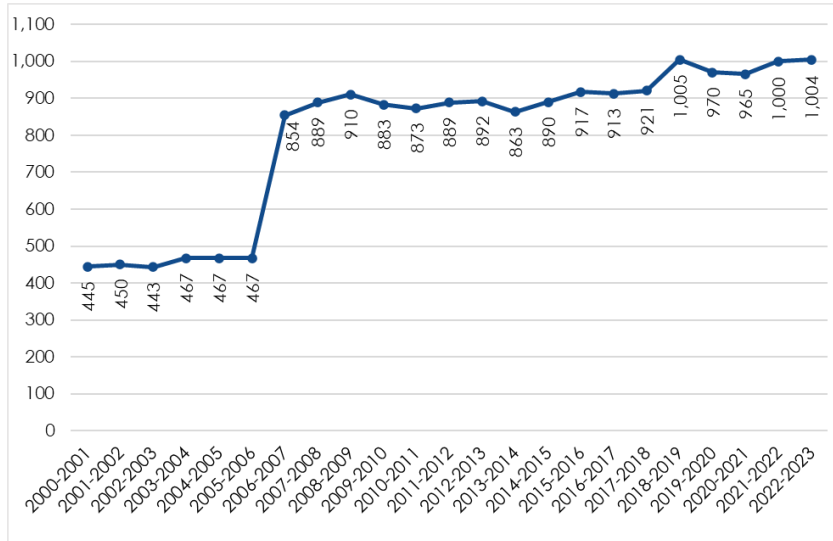
Source: Adams Central Public Schools

Hastings Catholic Schools

Hastings Catholic School System is home to an early learning center (Pre-Kindergarten), elementary school, and combined middle/high school. St. Michael Elementary is accredited through the Nebraska Department of Education (Rule 14). St. Cecilia Middle and High School has met the criteria for educational quality established by the Advanced Accreditation Commission and the Nebraska Department of Education. Student enrollment at Hastings Catholic School System is currently around 400 students. This enrollment total has remained steady since 2010.

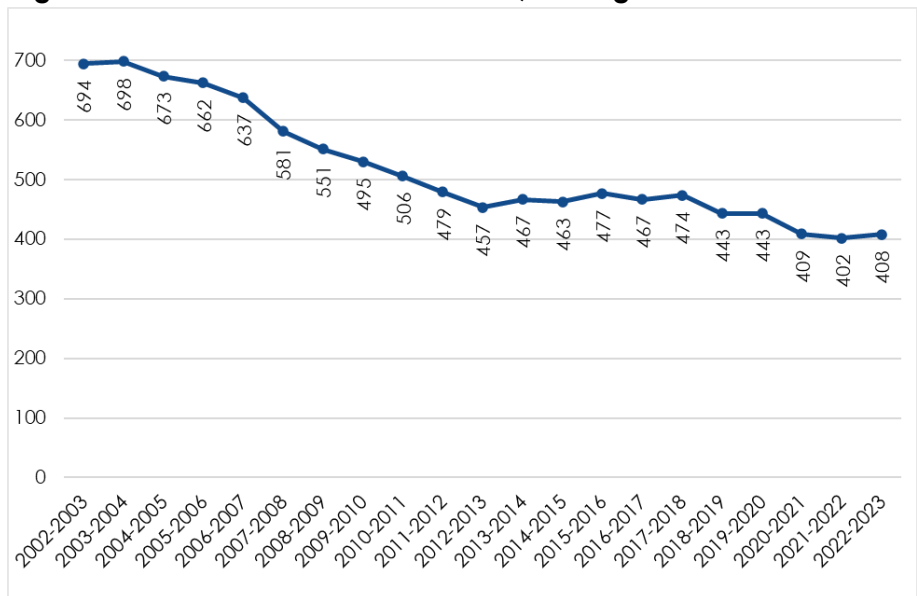
In 2022, the School System began renovation of the St. Cecilia Middle and High School, which included renovations. This construction project modernizes and expands the school for current and future students. The middle and high school is in a campus setting where the Catholic School System controls a majority of land within the four

Figure 6.2: School Enrollment 2000-2023, Adams Central School District



Source: Nebraska Department of Education

Figure 6.3: School Enrollment 2002-2023, Hastings Catholic Schools



Source: Nebraska Department of Education

blocks it is situated on. The School System should consider creating a campus master plan for its facilities and rezoning its land to the Campus Master Plan ("CMP") zoning district to better organize the school site and allow for future changes. As land within this area is acquired by the school, these lots can be made part of the CMP, which will also improve the effectiveness of the district and the school's master

plan. As a school, naturally attending to pedestrian access for student safety and enjoyment should be a focus of this campus master plan. Being adjacent to Mary Lanning Healthcare there is a good opportunity to coordinate pedestrian amenities between the two campuses for the betterment of both organizations and the community.

Source: Hastings Catholic School System

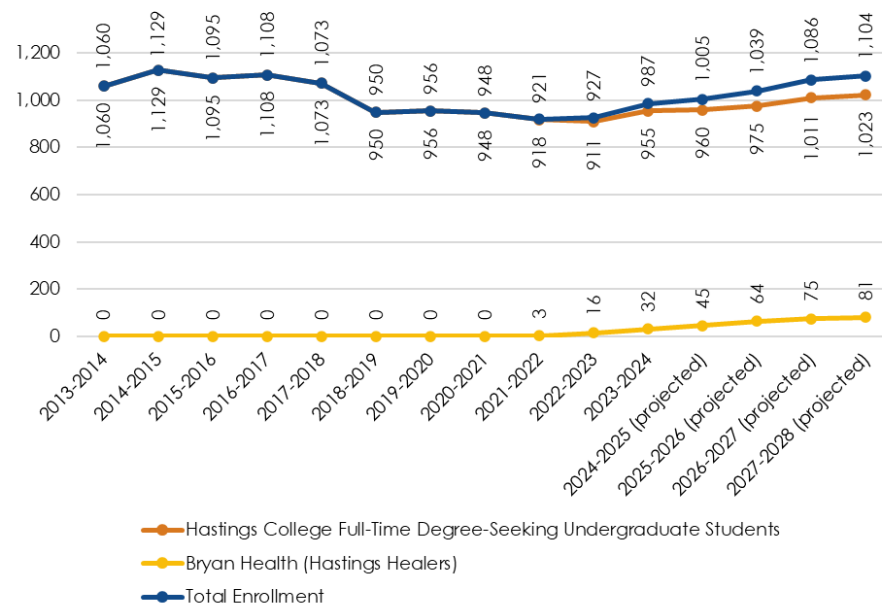
Hastings College

Founded in 1882, Hastings College is a private, four-year residential institution affiliated with the Presbyterian Church (USA) and is the only Presbyterian College in Nebraska. Hastings College has been accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools since 1916, the National Association of Schools of Music since 1947, and the National Council for the Accreditation of Teacher Education since 1964.

Hastings College's past enrollment from 2013-2024 and projected enrollment from 2024-2028 are identified in Figure 6.4. The college saw a peak student population of 1,129 in 2014-2015 and a low student population of 921 in 2021-2022. This total enrollment consists of full-time degree-seeking undergraduate students at Hastings College as well as Hastings Healers, which provides bachelors of science in nursing degrees through Bryan College of Health Sciences. The Hastings Healers program provides students with the opportunity to take a majority of general education courses through Hastings College as well as clinical opportunities at Mary Lanning Healthcare in Hastings.

Hastings College's enrollment is projected to increase in the next four years with the total enrollment increasing from 987 students in 2023-2024 to 1,104 students in 2027-2028. This total enrollment increase includes an increase in both full-time undergraduate students at Hastings College as well as an increase in students participating in the Hastings Healers program.

Figure 6.4: School Enrollment 2013-2028, Hastings College



Source: Hastings College

Note: Projected enrollment is based on Hastings College's annual enrollment goals as inputs in a 4-year revenue model that accounts for average attrition of returning students.

Table 6.1: On/Off Campus Students & Commuter Students, Hastings College

School Year	On/Off Campus		Commuter Information (Full-Time Undergraduate Students Only)		
	On-Campus	Off-Campus	% From Hastings	% In-State	% Out-of-State
2017-2018	61%	39%	N/A	64%	36%
2018-2019	61%	39%	N/A	61%	39%
2019-2020	64%	36%	12%	60%	40%
2020-2021	63%	37%	10%	57%	43%
2021-2022	67%	33%	8%	55%	45%
2022-2023	70%	30%	8%	55%	45%
2023-2024	72%	28%	8%	54%	46%

Source: Hastings College

Table 6.2: Alumni Information, Hastings College

Alumni	Total Grads	Total w/ Known Status	Known Rate	Remain In-State	Remain in Hastings
2021	195	127	65%	64%	18%
2022	181	150	83%	67%	19%
2023	214	180	84%	65%	25%

Source: Hastings College

Table 6.1 identifies the percentage of students living on and off campus between 2017 and 2024 as well as the percentage of students from Hastings, from Nebraska and from out-of-state. The majority of students at Hastings College live on campus with approximately 30 percent living off-campus within the City of Hastings. Additionally, the majority of Hastings College students are from Nebraska with a small percentage originating from Hastings.

The number of alumni remaining in-state and in Hastings is shown in Table 6.2. The majority of alumni, for which location information is known, remain in-state, however a small percentage of those remain in Hastings. The percentage of students remaining in Hastings has increased throughout the past two years, with approximately a quarter of students remaining in Hastings in 2023.

The College recently completed a master plan for the years 2024-2034. During this time the college will actively be renovating and constructing new buildings on campus. The buildings planned for renovations include:

- Hazelrigg Student Union;
- Perkins Library;
- Babcock, Taylor, Altman and Bronc Residence Halls;
- Bronco Village Apartments;
- McCormick Hall, and;
- the Fuhr Hall of Music

Following renovations and the new residence hall, next on the horizon for consideration at the College would include an indoor track, amphitheater, and new education building, assuming

growth enrollment goals are achieved. With the construction of the new residence hall, housing on campus will be sufficient for students.

According to the 2023 Nebraska's Independent Colleges & Universities: Spurring Economic Growth and Brain Gain Study, Nebraska experiences brain drain and independent colleges and universities are integral to reversing this trend. In 2021, Nebraska had a net brain drain of 137,361 people. However, Hastings College recruited 426 students who had previously lived outside of Nebraska. This resulted in a brain gain for Nebraska due to the fact that an estimated 52.9 percent of students remain in the state upon graduation.

Additionally, Hastings College has a positive impact on the economy of Hastings. In 2021, the college had an annual average of 516 jobs and a total economic impact of \$47.1 million. This includes \$23.1 million in Wages and Salaries and \$1.1 million in Self-Employment Income.

Central Community College

Central Community College ("CCC"), accredited by the higher learning commission, is a multi-campus community college serving a 25-county area in central Nebraska. The central administration is located in Grand Island. Three main campuses are located in Columbus, Grand Island, and Hastings. CCC is one of six community college areas in Nebraska. This structure was the result of 1971 Nebraska State legislation that formed the six areas and required that all

counties in the state become part of one of the community college areas.

The Hastings campus offers 28 career education programs in addition to providing courses in 17 areas for students who plan to complete two years at CCC before transferring to four-year colleges and universities to complete bachelor's degrees. Housing is available on campus for approximately 400 students. Central Community College's past enrollment at the Hastings campus from 2020-2023 and projected enrollment from 2024-2027 are identified in Figure 6.5. The college saw a peak student population of 2,373 in Fall 2023 and a low student population of 2,116 in Fall 2021. This total enrollment consists of on-campus students at the Hastings campus as well as distance learners, who take classes through Hastings campus, but may be in a different physical location.

CCC's enrollment is projected to increase in the next four years with the total enrollment increasing from 2,373 students in Fall 2023 to 2,766 students in Fall 2027. This total enrollment increase includes an increase in distance learners at the Hastings campus but a decrease in the on-campus enrollment.

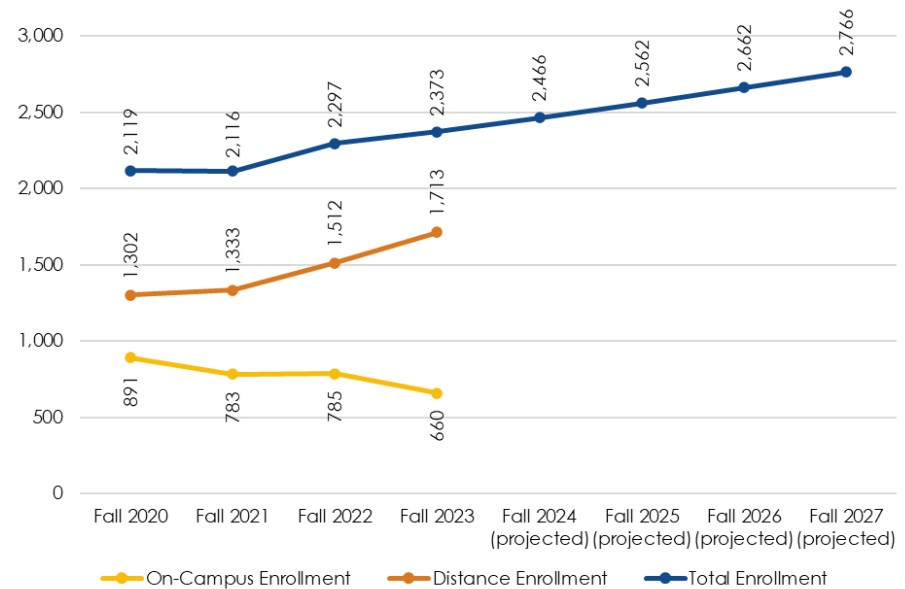
Table 6.3 identifies the percentage of students living on and off campus between 2020 and 2023 as well as the percentage of students in Hastings, from Nebraska and from out-of-state. The majority of students at CCC's Hastings campus are distance learners and approximately 62 percent live within the City of Hastings. Additionally, the majority of CCC

students are from Nebraska with a small percentage originating from out-of-state. Additionally, a majority of CCC students remain in the community. There are currently 2,477 CCC alumni who live in Hastings.

The Hastings campus of CCC is comprised of 23 separate and distinct buildings that were, by and large, all built during or shortly after World War II (early 1940s) as part of the Naval Ammunition Depot. These buildings have served the college since 1966. Many of these original buildings require continuing maintenance and upgrading. These facilities are sufficient for the needs of the campus.

The college plans to build a new Automotive Training Career Center to replace the current Furnas building. The Furnas building will be repurposed and the Kearney building will be demolished once the new building is in place. The new facility should be completed by 2026. Additionally, the Phelps building will be remodeled in summer/fall of 2024 and should be back in service by the beginning of 2025. The building will be repurposed for hosting larger events on campus.

Figure 6.5: School Enrollment 2020-2027, CCC



Source: CCC

Note: Projected enrollment is based on simple linear regression. The CCC Hastings Campus has experienced an average 3.9% increase in enrollment year over year. If this trend continues, the projected enrollment will be achieved.

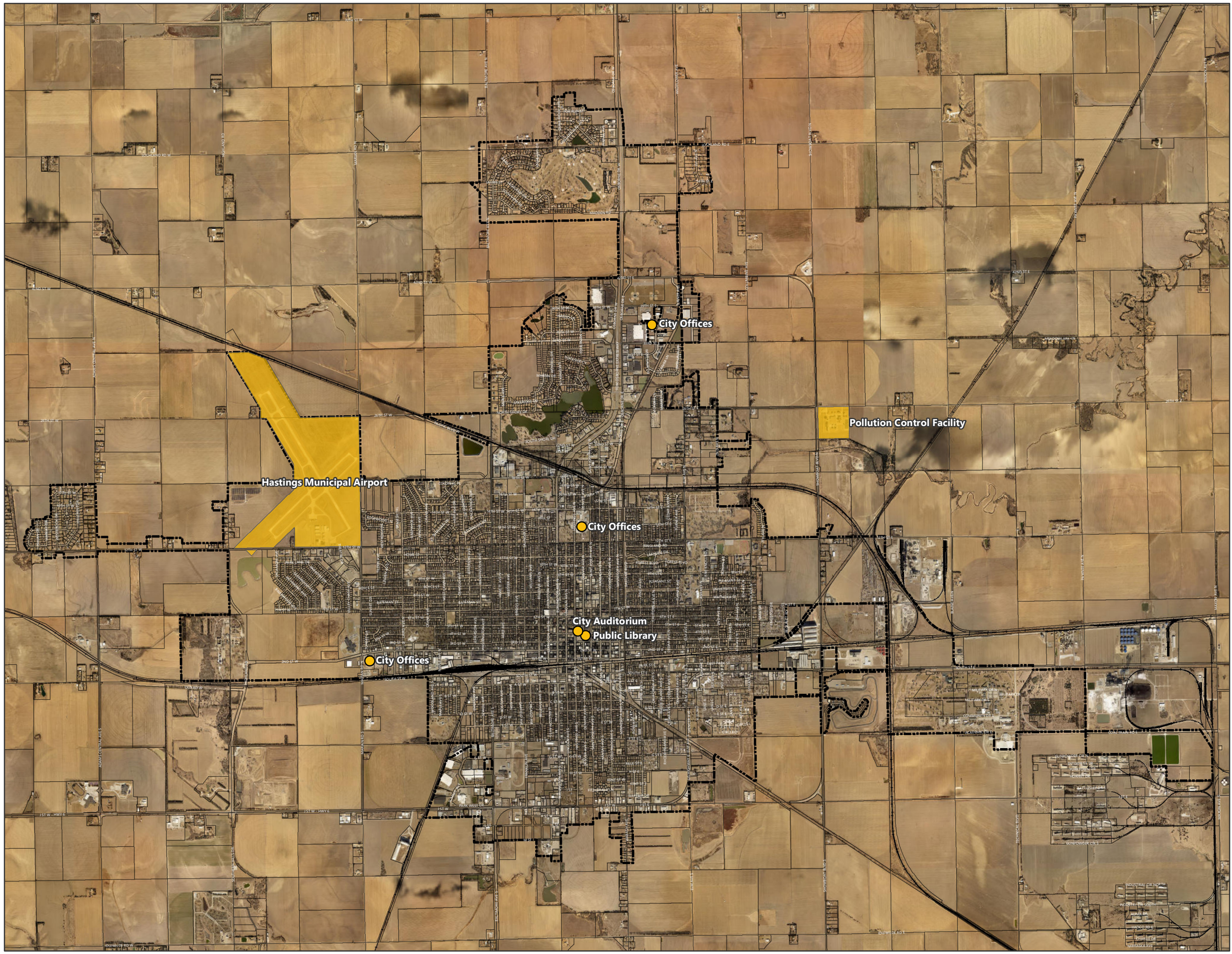
Table 6.3: On/Off Campus Students and Commuter Students, CCC

School Year	Past & Projected Enrollment		
	On-Campus Enrollment	Distance Enrollment	Total Enrollment
Fall 2020	891	1,302	2,119
Fall 2021	783	1,333	2,116
Fall 2022	785	1,512	2,297
Fall 2023	660	1,713	2,373
Fall 2024 (projected)	N/A	N/A	2,466
Fall 2025 (projected)	N/A	N/A	2,562
Fall 2026 (projected)	N/A	N/A	2,662
Fall 2027 (projected)	N/A	N/A	2,766

Source: CCC

Note: Projected enrollment is based on simple linear regression. The CCC Hastings Campus has experienced an average 3.9% increase in enrollment year over year. If this trend continues, the projected enrollment will be achieved.

HASTINGS, NEBRASKA
COMPREHENSIVE PLAN
FIGURE 6.6: CITY FACILITIES



LEGEND



City Facilities



City Facilities



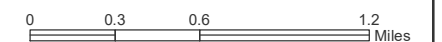
Parcels



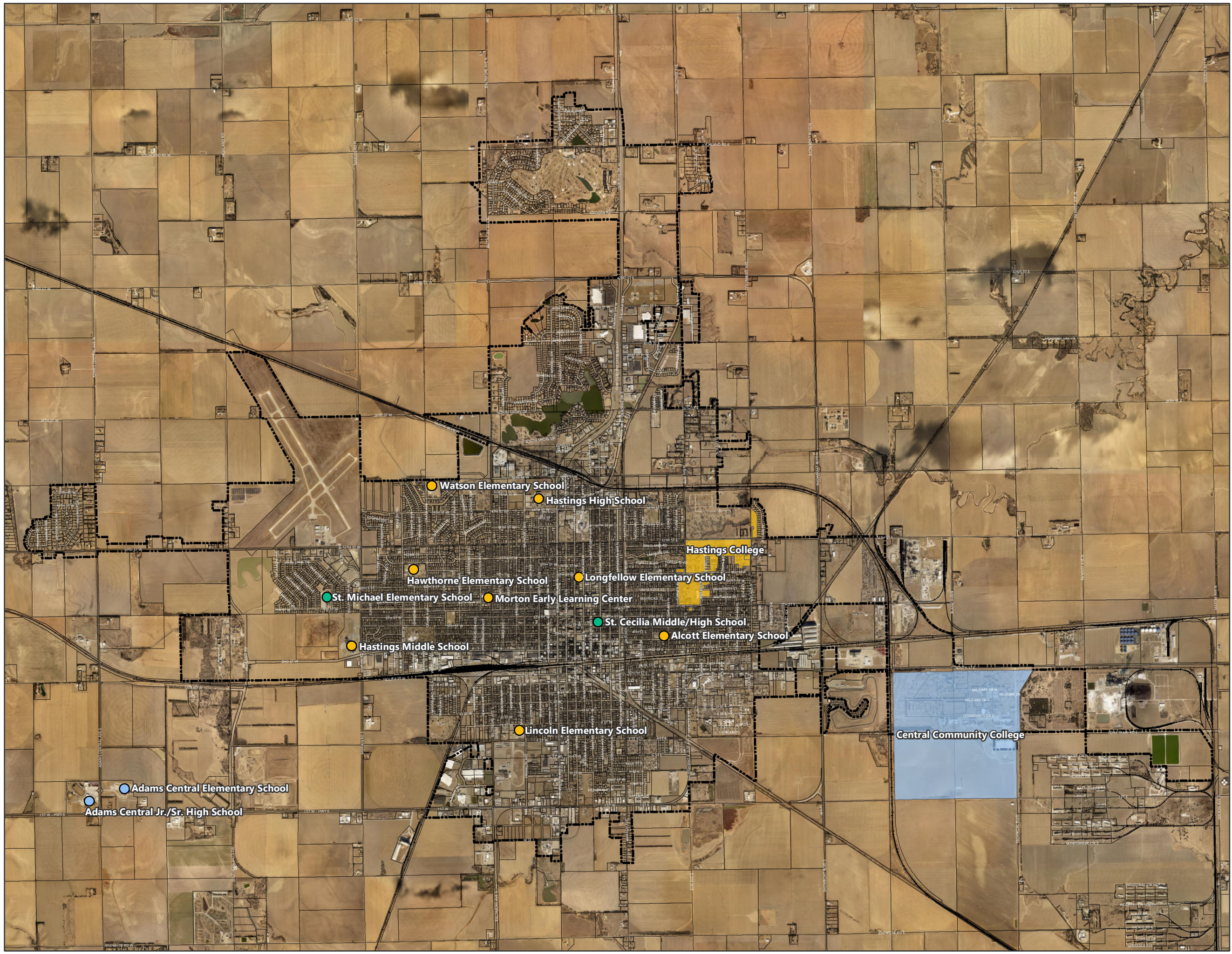
City Limits



PROJECTION: NE State Plane (Ft.)
DATUM: NAD 83
DATE: 9.6.23



HASTINGS, NEBRASKA
COMPREHENSIVE PLAN
FIGURE 6.7: EDUCATIONAL
FACILITIES

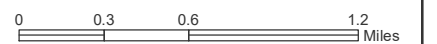


LEGEND

- Hastings Public School District
- Adams Central School District
- Hastings Catholic Schools
- Hastings College
- Central Community College
- Parcels
- City Limits



PROJECTION: NE State Plane (Ft.)
DATUM: NAD 83
DATE: 9.6.23



Goals and Actions

Goal 6.1: The City provides accessible public buildings and facilities required by the citizens of Hastings.

Actions

6.1.1: Continue maintenance and repair on all permanent and temporary city facilities.

6.1.2: Continue to routinely evaluate City services and facilities needs to appropriately place facilities in the community so that the services can be most effectively provided to those that need them.

6.1.3: Coordinate facility needs with Adams County and look for opportunities for shared cost-savings.

Goal 6.2: Historic sites and places are protected and maintained.

Actions

6.2.1: Support efforts by the Adams County Historical Society to designate and preserve historic buildings and districts.

6.2.2: Consider participation in the Certified Local Government (CLG) program.

6.2.3: Support efforts by the Hastings Museum to preserve local history.

Goal 6.3: The City supports quality educational services for residents and workforce of all ages.

Actions

6.3.1: Continue support of K-12 education and coordination with Hastings Public Schools, Adams Central Public Schools, and Hastings Catholic Schools.

6.3.2: Encourage Hastings College and Central Community College to continue providing services in Hastings.

6.3.3: Include Hastings Public Schools, Adams Central Public Schools, and Hastings Catholic Schools in the development review of large development projects to ensure the accommodation of future students.

6.3.4: Work with the local education providers to ensure that future school sites are provided in or near growth areas to ensure new and growing neighborhoods are adequately served.

Goal 6.4: The City supports quality health care services in the community.

Actions

6.4.1: Work with Mary Lanning Healthcare and other health care providers to appropriately site health services where they are most effective to meet the health care needs of the community and the region.

6.4.2: Review and update zoning and development regulations to encourage active living and multimodal bike/pedestrian facilities.

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Chapter 7 Parks, Recreation, and Attractions

Parks, Recreation, and Attractions

This chapter begins by cataloging the social, cultural, and recreational facilities found in Hastings. This chapter concludes with an examination of park standards used by cities and then applying them to Hastings.

Parks, Recreation, and Attractions

Hastings' is home to 20 parks of all sizes, multiple recreation centers, and unique regional attractions. Figure 7.1, at the end of this chapter, maps all of these assets of the community. Each park offers different options for residents to enjoy. Hastings recreation options include a regional softball complex, hike and bike trails, and first-class recreation facilities. Lastly, Hastings offers both residents and the region opportunities to learn, play, and witness natural phenomenon's such as the

Sandhill Crane migration.

For more information on these parks, recreation, and attractions, visit the City of Hastings website.



Photo 7.1: Libs Park Disc Golf Course map
Source: Marvin Planning Consultants

Historic Standards

A standard used for decades regarding parks and recreation, as established by the National Parks and Recreation Association ("NPRA"), is 10 acres per 1,000 residents. However, there are a number of standards in addition to NPRA. Nebraska Game and Parks Commission ("NGPC") has used a standard of 14 to 25 acres per 1,000 residents. Another standard is the Small Community Park & Recreation Standards ("SCPRS"), 2003, which examines the primary areas of small community parks and recreation. This standard breaks parks down into five basic categories: sports fields, courts, outdoor recreation, leisure, and other recreational facilities.

This resource also determines the minimum acreages for each - the total comes to 15.5 acres per 1,000 residents.

Parks and Recreation Standards

There are a number of standards to be examined. This section will examine some of the basic standards established overall and in more specific detail.

Table 7.2 examines the desired standards for key facilities found in small and larger communities in the United States. The table is meant as a guide for Hastings instead of an absolute. For example, not all communities have skate parks or BMX courses in their communities; actually in some cases these facilities may become a huge liability risk to the community due to the nature of the uses.

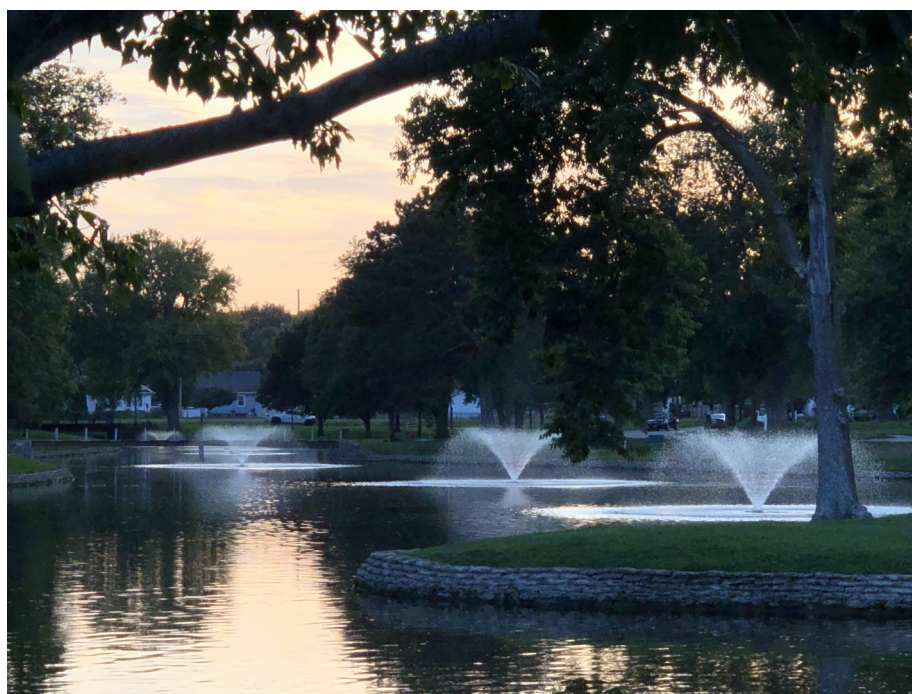


Photo 7.2: Heartwell Park
Source: Marvin Planning Consultants

Table 7.1: Hastings Parks and Recreation Standards

Organization	Standard	2020 pop	Parks and Recreation Needed
NPRA	10A/1,000	25,152	251.5 Acres
NGPC	14-25A/1,000	25,152	352.1 Acres to 628.8 Acres
SCPRS	15.5A/1,000 residents	25,152	389.9 Acres

Source: Marvin Planning Consultants

Table 7.3 examines standards as established in Small Community Park & Recreation Standards, 2003.

Table 7.4 expands on the standards in Table 7.3 and applies it to the minimum amounts of land needed to meet these standards.

Table 7.2: Population served per Park System Facility

Facility Category	Parks System Facility Type	Total Population served by one facility	# of facilities Needed per 1,000 residents
Sports Fields	Soccer/Multi-Use Field	1,050	24.0
	Ball Field (Baseball/Softball)	1,640	15.3
Courts	Tennis Court	1,030	24.4
	Basketball Court	1,100	22.9
	Volleyball Court	7,540	3.3
Outdoor Recreation	Small Skate park (7000 sf footprint)	6,410	3.9
	Full-sized Skate park (17,000+ sf footprint)	15,560	1.6
	BMX Track (Standard ABA Certified)	6,250	4.0
	Paved Multi-purpose Trail (per mile)	960	26.2
	Dirt/Gravel Multi-Use Trail (per mile)	430	58.5
Leisure	Playgrounds (per 3,200 sf of fully developed area)	6,270	4.0
	Family Picnic Area	160	157.2
	Group Picnic Area (w/ Shelter)	2,780	9.0
	Park Bench	130	193.5
Other Facilities	Swimming Pool (outdoors)	8,250	3.0
	Outdoors Events Venue	2,380	10.6

Source: Small Community Parks and Recreation Standards, 2003

Table 7.3: Small Community Parks Land Standards

Facility Category	Parks System Facility Type	# of facilities Needed per 1,000 residents (Demand)	Acres required for one facility	Total Acres required per 1,000 residents (park land standards)
Sports Fields	Soccer/Multi-Use Field	0.95	2.21	55.6
	Ball Field (Baseball/Softball)	0.61	3.77	94.8
Courts	Tennis Court	.97	0.17	4.3
	Basketball Court	0.91	0.16	4.0
	Volleyball Court	0.13	0.10	2.5
Outdoor Recreation	Small Skate park (7000 sf footprint)	0.16	0.18	4.5
	Full-sized Skate park (17,000+ sf footprint)	0.06	0.50	12.6
	BMX Track (Standard ABA Certified)	0.16	3.12	78.5
	Paved Multi-purpose Trail (per mile)	1.04	2.43	61.1
	Dirt/Gravel Multi-Use Trail (per mile)	2.33	1.83	46.0
Leisure	Playgrounds (per 3,200 sf of fully developed area)	0.16	0.14	3.5
	Family Picnic Area	6.25	0.01	0.3
	Group Picnic Area (w/ Shelter)	0.36	2.06	51.8
	Park Bench	7.69	0.00	0.0
Other Facilities	Swimming Pool (outdoors)	0.12	0.34	8.6
	Outdoors Events Venue	0.42	3.19	80.2

Source: Small Community Parks and Recreation Standards, 2003

Park Demands

Table 7.5 examines population demands per park type, as established by the National Parks and Recreation Association, Tables 7.6 then identifies specific recreational uses and their potential demand based upon the three different population projections in Chapter 3. The number represented in the far right column represents the total needed by 2050 based upon the projections and ideal ratio per 1,000 persons.

Some of the recreational uses may be more in demand than others as the planning period moves forward to 2050; there may be demand for soccer fields, basketball courts, trails, picnic areas, and park benches. The tables are a guide for the community, not an absolute.

These numbers begin to indicate the overall impact long range growth can have on Hastings. As the planning period moves forward an annual to five year review of these criteria should be undertaken to determine future needs and deficits.



Photo 7.3: Brickyard Park
Source: Marvin Planning Consultants



Photo 7.4: Lake Hastings
Source: Marvin Planning Consultants

Table 7.4: Population served per Park System Facility

Type of Park	Optimum Size	Service Area	Uses
Mini Parks	.2 to 1 acre	Residential neighborhoods within ¼ mile radius	A walk-to facility that provides play and passive recreation for the immediate vicinity: • Playground equipment • Picnic tables and shelters • Open turf • Natural areas
Neighborhood Parks	5 to 10 acres	Residential areas within ½ mile radius	A walk-to facility with amenities that are predominately neighborhood-oriented (not competitive sports): • Play areas • Tennis courts • Basketball courts • Open field for casual and multi-use play
Community Parks	20 to 40 acres	½ mile to 3 miles	A drive-to facility that serves multiple neighborhoods and includes both competitive sports and passive recreation facilities that are typically not provided in neighborhood parks: • Active sports facilities grouped for efficiency where possible (three to four tennis courts, two or three basketball courts, etc.) • Lighted sports fields with bleachers • Small passive areas for neighborhood park functions • Community center for indoor recreation including kitchen, meeting rooms and large open exercise area • Natural area with trail
District / Regional Parks	40 to 150 acres	5 mile radius	A city-wide drive-to resource primarily for nature-oriented activities and/or major sports facilities: • Large children's playground (with theme) • Lighted active sports facilities (tennis, baseball, soccer, etc.) grouped in complexes for efficiency • Significant dedicated natural areas with trails and passive park uses • Community center
Natural Resource Area	based on resource	Entire community	Lands set aside to preserve unique natural resources: • Remnant landscapes • Open space • Visual/aesthetics buffering
Greenway (trails and linear parks)	25 ft. width minimum; 200 ft. or more optimal	Based on resource availability and opportunities	Ties park system components together to form a continuous park environment
School – Park	10 to 15 acres minimum	Based on school district's school distribution policies	Combines parks with school spaces
Sports Complex	40 acres or more	Entire community	Consolidates heavily-programmed athletic fields to larger and fewer sites
Special Use	Variable	Variable	Covers a broad range of park and recreation facilities oriented toward a single-purpose use

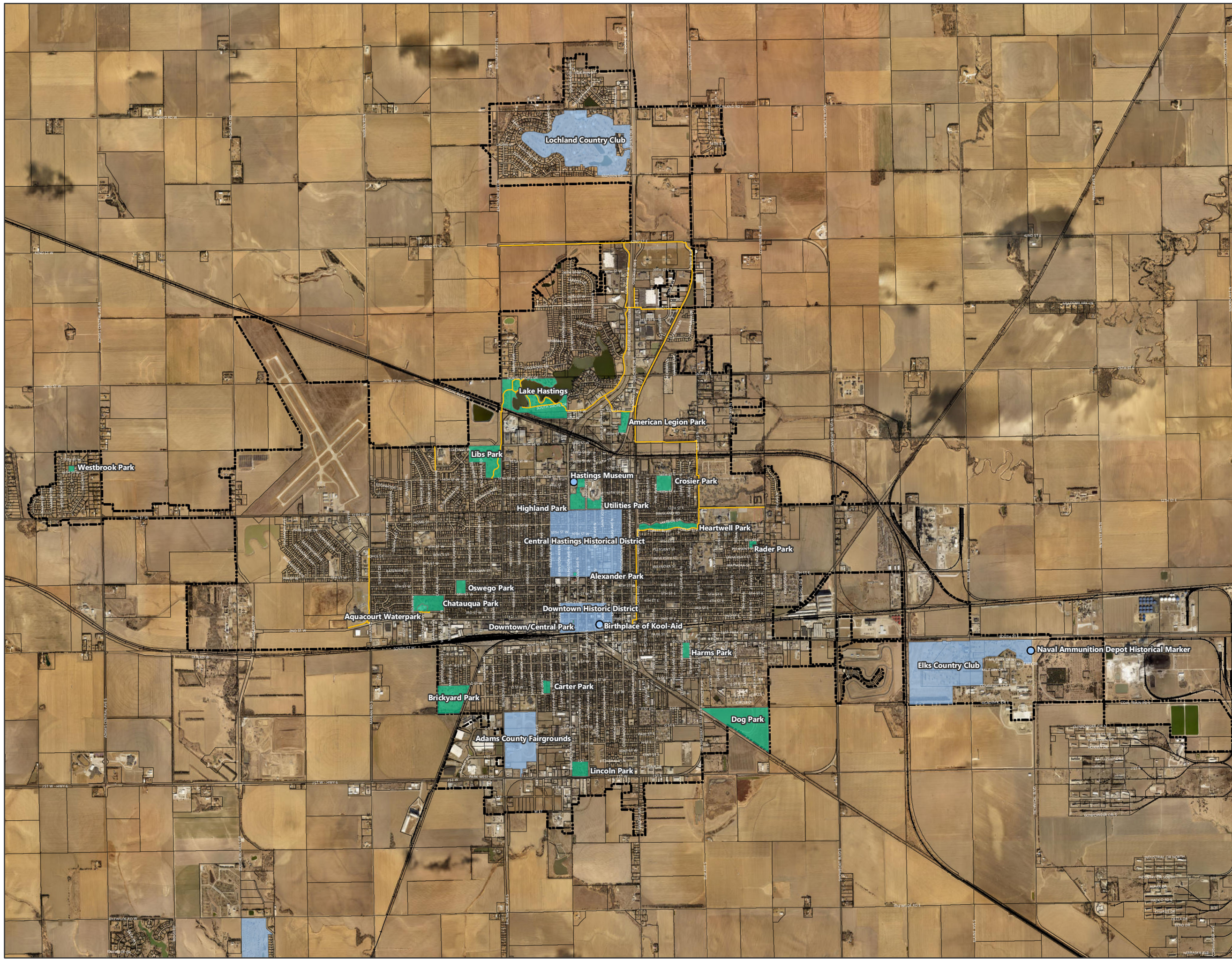
Source: National Parks and Recreation Association

Table 7.5: Recreation Needs - Low, Medium, and High Series Projections

Facility Category	Parks System Facility Type	# of facilities Needed per 1,000 residents (Demand)	# of Existing Facilities in Hastings	# of New Facilities Needed by 2050 (Low Series Projection)	# of New Facilities Needed by 2050 (Medium Series Projection)	# of New Facilities Needed by 2050 (High Series Projection)
Sports Fields	Soccer/Multi-Use Field	0.95	5	19.61	20.53	21.32
	Ballfield (Baseball/Softball)	0.61	10	5.80	6.39	6.90
Courts	Tennis Court	0.97	16	9.12	10.07	10.87
	Basketball Court	0.91	13	10.57	11.46	12.21
	Volleyball Court	0.13	3	0.37	0.49	0.60
Outdoor Recreation	Small Skate park (7,000 sf footprint)	0.16	0	4.14	4.30	4.43
	Full-sized Skate park (17,000+ sf footprint)	0.06	1	0.55	0.61	0.66
	BMX Track (Standard ABA Certified)	0.16	0	4.14	4.30	4.43
	Paved Multi-purpose Trail (per mile)	1.04	9.8	17.14	18.15	19.01
	Dirt/Gravel Multi-Use Trail (per mile)	2.33	0	60.35	62.62	64.55
Leisure	Playgrounds (per 3,200 sf of fully developed area)	0.16	10	0.00	0.00	0.00
	Family Picnic Area	6.25	10	151.89	157.98	163.14
	Group Picnic Area (w/ Shelter)	0.36	10	0.00	0.00	0.00
	Park Bench	7.69	100	99.19	106.68	113.03
Other Facilities	Swimming Pool (outdoors)	0.12	1	2.11	2.23	2.32
	Outdoors Events Venue	0.42	2	8.88	9.29	9.63

Source: Marvin Planning Consultants – 2024

HASTINGS, NEBRASKA
COMPREHENSIVE PLAN
FIGURE 7.1: PARKS,
RECREATION, AND
ATTRactions

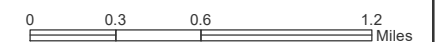


LEGEND

- Pioneer Spirit Trail
- Park
- Attractions
- Attractions
- Parcels
- City Limits



PROJECTION: NE State Plane (Ft.)
DATUM: NAD 83
DATE: 11.17.23



Goals and Actions

Goal 7.1: Residents have access to a variety of parks and recreation facilities.

Actions

7.1.1: Develop a city-wide parks and recreation master plan.

7.1.2: Continue to maintain and make incremental improvements at all city parks and facilities.

7.1.3: Continue to plan for projects in the Walkability and Connectivity Study.

7.1.4: Require provision of new parks and recreation facilities in new subdivisions.

Goal 7.2: Area attractions enhance the quality of life for local residents and also attract visitors from other communities.

Actions

7.2.1: Ensure that new attractions for residents and visitors are appropriately located to draw visitors and minimize impacts on the surrounding neighborhood and community.

7.2.2: Support maintenance and improvements of Lake Hastings.

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Chapter 8

Public Health

Public Health

What is Public Health

Planning in the United States originated with a public health purpose; planning is rooted in the need to improve public health through reduction of congestion, regulating for responsible development, and providing equitable access to recreation for all people. **Public health is the promotion and protection of the health of people and the communities where they live, learn, work, and play.** The goal of public health is to ultimately save people money on health care, improve quality of life, help children thrive, and reduce human suffering.

Those working in public health try to prevent people from getting sick or injured in the first place. Public health concepts promote wellness by encouraging healthy behaviors such as exercising, reducing use of tobacco, and education on alcohol abuse. The field of public health works to

assure the conditions in which people can be healthy. This can mean vaccinating children and adults to preventing the spread of disease by other means. Public health also sets safety standards to protect workers and develops school nutrition programs to ensure kids have access to healthy, nutritious food.

Public health workers track disease outbreaks, work to prevent injuries, and shed light on why some are more likely to suffer from poor health than others. The many facets of public health include speaking out for laws promoting smoke-free indoor air and seatbelts, spreading the word about ways to stay healthy, and giving science-based solutions to problems.

Sources: American Planning Association, Planning and Community Health Research Center, Healthy Plan Making; American Public Health Association

South Heartland District Health Department

This department ("SHDHD") covers public health services in Adams, Clay, Nuckolls, and Webster counties. They work with local partners to develop and implement Community Health Improvement Plans and all other health services mandated by Nebraska state statutes.

Source: southheartlandhealth.ne.gov

Community Health Improvement Plan

The community health improvement program ("CHIP") is developed from a community's health needs assessment. Priority goals are developed to address areas of need in each community. The priority areas for SHDHD, for the years 2019-2024, are as follows:

- Access to health care;
- Mental health;
- Substance misuse;
- Obesity and related conditions, and;
- Cancer

Source: southheartlandhealth.ne.gov

Active Living

Active living is about incorporating physical activity and movement into everyday activities. For example, taking the stairs instead of the elevator or biking to work are part of an active lifestyle. Increasing daily physical activity can prevent obesity and promote health for people of all ages.

Hastings has recently undertaken planning for transportation and infrastructure promoting active lifestyles. The Walkability and Connectivity study, written in 2019, provides the city (among other items) carefully laid plans for active living improvements in the city.

This study was a part of Hastings continuing to become a more vibrant and attractive community. Active living is about making the healthy choice the easy choice.

Recreation

As the National Recreation and Park Association notes, "The nation's public parks and recreation are leaders in improving the overall health and wellness of the nation. They are essential partners in combating some of the most complicated challenges our country faces – poor nutrition, hunger, obesity, and physical inactivity. Park and recreation agencies effectively improve health outcomes and thus should be supported through national and community level funding and policies that enable them to continue to expand their efforts in making a positive change in the health and wellness of our nation."

Public health is intricately tied to



Photo 8.1: Pioneer Spirit Trail
 Source: Marvin Planning Consultants

Parks and Recreation planning presented in Chapter Seven.

Source: nrpa.org

Walkability

Americans are putting an increasing value on walkability. In 2023, the National Association of Realtors released a survey revealing Americans living in walkable communities report a higher quality of life. Sidewalks and multi-use trails not only help residents improve quality of life but also help improve quality of public health.

Walk Score data is a tool to measure walkability of a community. Hastings has earned a walk score of 38 out of 100. In comparison, the city earned a bike score of 47 out of 100. These numbers can be improved over time with the help of the Walkability and Connectivity Study.

Complete Streets policies, a robust sidewalk program, enhancements to development requirements, shared use agreements for school recreation facilities, and support for transit programs can all add incentives for making the healthy choice the easy choice.

Public health is intricately tied to Transportation planning presented in Chapter Fourteen.

Source: walkscore.com

Livability

Livable communities are welcoming for people of all ages. A livable community provides safe, walkable streets, age-friendly housing, access to services, and opportunities for residents of all ages to participate in community life. The AARP Livable Communities initiative supports the efforts of neighborhoods, towns, cities and rural areas to be great places for people of all ages.

Hastings earned a 55 out of 100 points on AARP's Overall Livability Score, placing it in the top half of communities in the United States. The AARP Livability Index draws on multiple, interconnected points to capture the complexity of what produces a high quality of life for a diverse population across many ages. Metric values and policy points are scored for each of the seven livability categories: housing, neighborhood, transportation, the environment, health, engagement, and opportunity. A location's total livability score is an average of those seven category scores. Hastings scored in between 45 and 62 for the categories.

AARP explains: "Metrics measure how livable communities are in the present. Data is collected and analyzed from local, state, federal, and private sources. Policies measure how communities might become more livable over time based on actions taken now. Policy data is derived from publicly available data and information and covers the entire United States.

Source: aarp.com/livablecommunities

Healthcare Facilities

Hastings offers residents healthcare with a nationally recognized hospital and a range of senior living options.

Mary Lanning Healthcare

Mary Lanning Healthcare first began serving the people of Hastings in 1915. Today, Mary Lanning serves patients throughout central Nebraska. It is licensed for 183 beds and employs a staff of nearly 1,000. Mary Lanning is the largest employer in Adams County. Mary Lanning is a nationally

recognized hospital system for its excellence in providing healthcare. Awards that recognize this excellence include the American Hospital Association Quest for Quality Award, Platinum Award from the National Safety Council, Greater Omaha Chapter, NRC Honors - National Research Path to Excellence, and Care Chex honors for medical quality.

Alongside the hospital complex, Mary Lanning operates healthcare clinics in Hastings, Grand Island, and Blue Hill. These clinics provide outpatient services for specialized care such as behavioral health and heart health.

In conjunction with the other educational services previously mentioned, Mary Lanning also offers educational opportunities for Clinical or Preceptorship experience and EMS training for EMTs.

The hospital continues to grow, expand, and change to meet the needs of the Hastings

community and surrounding region. As the community's only hospital, the organization's leadership changes its health care services, as community trends dictate, to provide quality service and care. As Hastings and the surrounding region's population ages, and as medical technology advances, the healthcare system and its partners will need to adapt to the community's needs.

In speaking with Mary Lanning Healthcare's leadership, the hospital is not planning for new buildings or building additions in the upcoming years. The facility plan for the foreseeable future is to renovate the existing buildings to the community's needs to ensure quality health care and service.

Mary Lanning Healthcare has a campus master plan that primarily covers their property, which is between N. Denver Avenue, W.9th Street, N. Kansas Avenue, and W. 7th Street. The hospital owns most of the land in this area. However, there remain



Photo 8.2: Mary Lanning Healthcare
Source: Marvin Planning Consultants

a few parcels not under the hospital's control. As these properties become available for sale, the Hospital will purchase them through normal real estate transactions.

Because the Hospital has a campus master plan, the principles and standards for that plan will be continued as the campus expands and redevelops in the future, as needed. Mary Lanning Healthcare should pay special attention to how the edge of the campus is treated to minimize impacts on the adjacent residential neighborhoods. Also, accommodations for pedestrians, bicyclists, and vehicles traveling in and around the hospital campus should be continually considered to improve safety and access for patients and guests, staff, and the surrounding community.

(Note: text modified from website.)
Source: marylanning.org

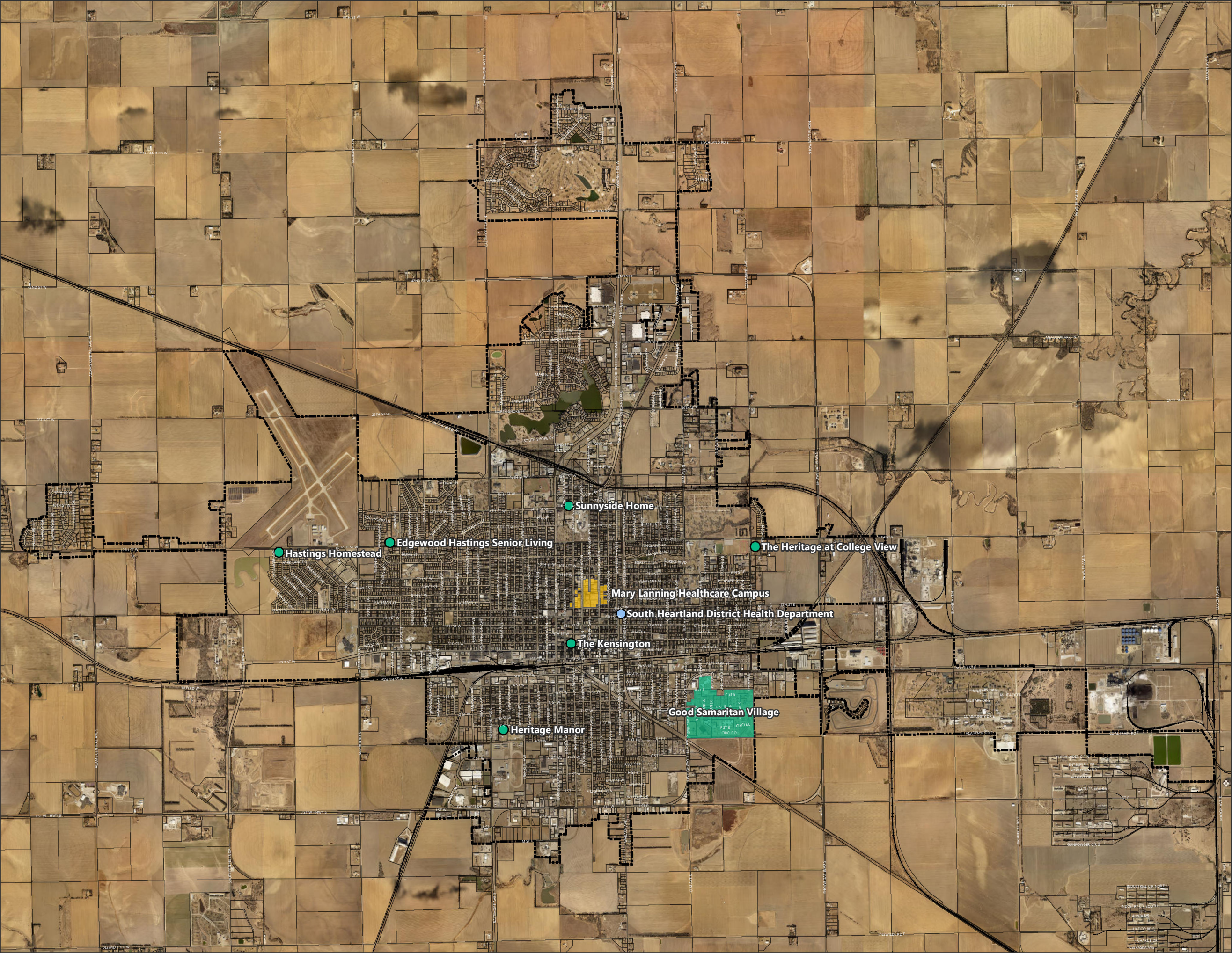
Senior Living

Hastings is home to seven senior living facilities, with each providing memory care, assisted living, or both. One senior living facility, the Kensington, occupies the Clarke Hotel building downtown. This facility is listed on the National Register of Historic Places. The largest senior living facility is Good Samaritan Society - Hastings Village. This facility, occupying the southeast corner of the city, offers multiple housing types for seniors.



Photo 8.3: The Kensington
Source: Marvin Planning Consultants

HASTINGS, NEBRASKA
COMPREHENSIVE PLAN
FIGURE 8.1: HEALTHCARE
FACILITIES



LEGEND

- Mary Lanning Healthcare
- South Heartland District Health Department
- Senior Living
- Senior Living
- Parcels
- City Limits

MPC
MARVIN PLANNING CONSULTANTS
Specializing in Municipal, County and Neighborhood Planning

PROJECTION: NE State Plane (Ft.)
DATUM: NAD 83
DATE: 9.8.23

0 0.3 0.6 1.2 Miles



Chapter 9 Public Safety

Safety in Hastings

Public safety in Hastings encompasses fire protection, emergency medical services, emergency management, and law enforcement. These services are made up of municipal and county-wide providers.

Fire Protection

Hastings Fire & Rescue

Fire & Rescue

Hastings Fire & Rescue operates in an ISO-2 rated community. The department employs four administrative staff and 27 full-time firefighters who are supplemented by up to seven part-time firefighters. Crews respond from Station 1 (located at 1313 N Hastings Ave) and Station 2 (located at 1145 S Hastings Ave), offering fire protection for 13.67 square miles.

Emergency Medical Services

Hastings Fire & Rescue's Emergency Medical Services ("EMS") Division provides both basic life support ("BLS") and

advanced life support ("ALS") services to the city and Adams County. The EMS Division also provides ALS interceptor and transport services for the surrounding counties. The EMS division operates five ambulances, two of which are staffed 24-7. The remaining three are used as back-up.

(Note: text modified from website.)

Source: cityofhastings.org

Fire & Rescue Needs

The Department can currently cover about 90% of the city with two stations; their current standard is six minutes for response time. Drive times can be seen in Figure 9.1. Moving forward the Department desires to keep this standard.

Should the city grow outward, there would be concerns with coverage. The majority of their calls are in the city core, where there are not issues with coverage.

Staffing issues make coverage difficult for the department. Their

current staffing levels mean they struggle to meet national standards for safety and efficiency at times.

Transportation is another concern for the department. Crossing the railroads would be difficult should a train be derailed; there would be significant issues crossing the railroad aside from the one underpass on Burlington Ave. For major transportation routes, the city has great east to west routes, but not as much north to south. Unpaved roads are a challenge, with weather slowing response time on gravel roads.

For all of these reasons, a new station will likely be necessary on the north or the west side of the city, depending on where more growth occurs. Possible locations would include the area of 42nd St and Baltimore Ave, 12th St and Highland Dr, and Showboat Blvd and Highway 6, as identified by the Fire & Rescue Department.

Hastings Rural Fire District

Hastings Rural Fire District ("HRFD"), formed in 1955, covers the remainder of the city's extra-territorial jurisdiction which is not covered by the Hastings Fire & Rescue Department. HRFD is a volunteer service and has a contract with the City of Hastings to house, maintain, and staff HRFD equipment. HRFD is housed at 2985 S. Baltimore Ave, south of the city.

Emergency Management

Emergencies in Hastings are managed by the Adams County Emergency Management Agency. The agency plans for emergency response, trains communities on emergency response, coordinates response with communities, and administer grants as needed. The communities of Ayr, Holstein, Juniata, Kenesaw, Prosser, and Roseland are all under the umbrella of this agency along with the city of Hastings.

(Note: text modified from website.)

Source: bereadynebraska.com/adamscountyma

Law Enforcement

Hastings Police Department

The Hastings Police Department, located at 317 S Burlington Ave, provides law enforcement service for the City of Hastings. The Police Department also manages community service operations within the Operation Division. Community Service Officers are responsible for keeping the city free from all nuisances and neighborhood eyesores. Since 2013, officers have provided code enforcement and animal control throughout the city.

(Note: text modified from website.)

Source: cityofhastings.org

Adams County Sheriff Department

The Adams County Sheriff Department, located at 500 West 4th St, is in charge of general law enforcement areas in the county except those under municipal police departments. The Sheriff's Office manages and governs all jail operations at the Adams County Jail, a medium-security facility.

(Note: text modified from website.)

Source: nesheriffsassoc.org/nebraska/county-jail/adams-county-sheriff/

Law Enforcement Needs

Staff shortages have affected the Police Department and city greatly, delaying emergency response times. As the city grows, the Police Department would like to see more emphasis on roadway safety. Code enforcement on existing facilities will be important now and for future facilities as well, especially as the city grows.

 City Limits

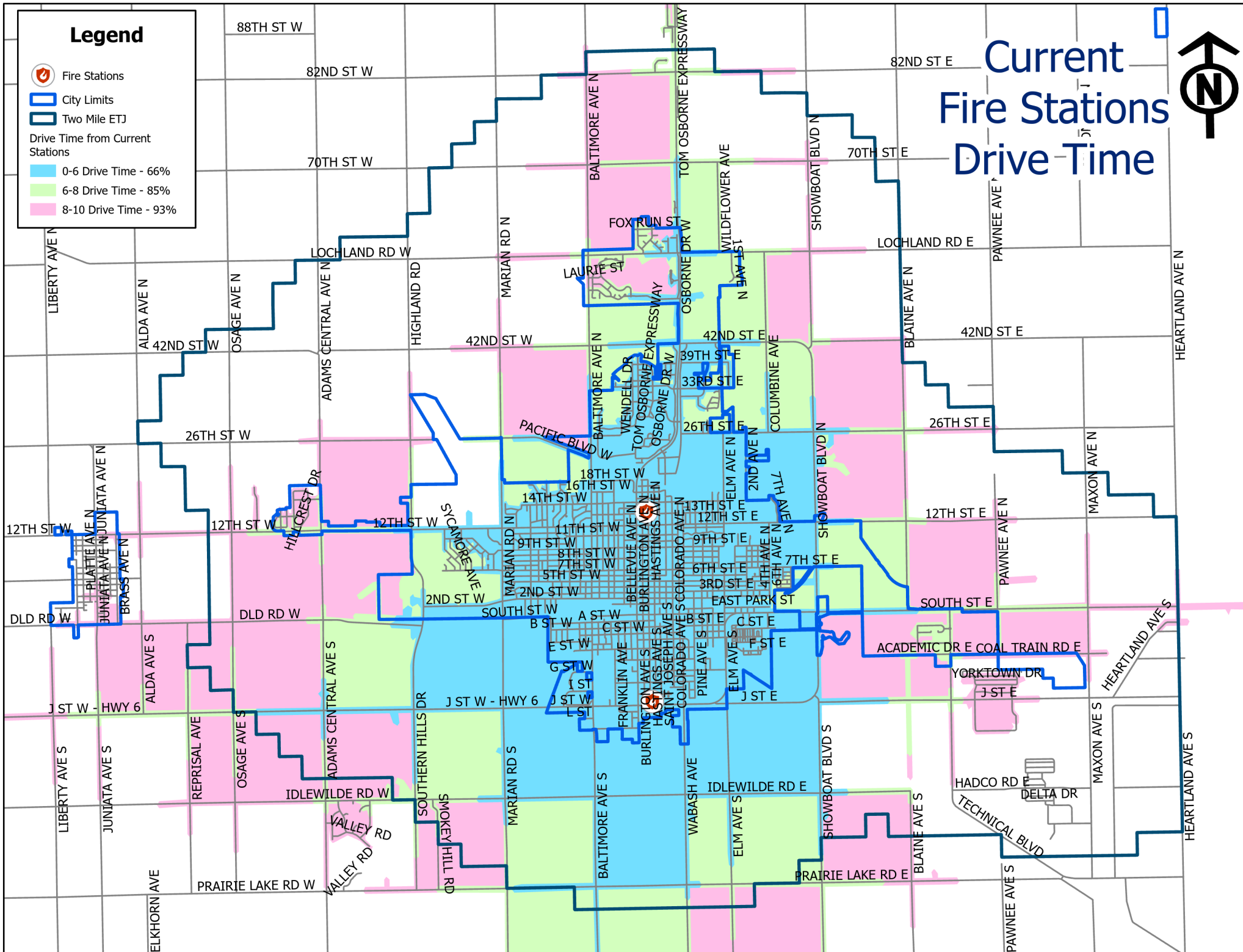
 Two Mile ETJ

0-6 Drive Time - 66%

6-8 Drive Time - 85%

8-10 Drive Time - 93%

Current Fire Stations Drive Time



Goals and Actions

Goal 9.1: Adequate Law Enforcement services are provided to the community.

Actions

9.1.1: Continue to support and maintain a quality City Police Department.

9.1.2: Continue to regulate and mitigate nuisance and code enforcement cases.

9.1.3: Consider working with the Hastings Police Department to develop Crime Prevention Through Environmental Design ("CPTED") strategies to lower crime throughout the community.

9.1.4: Identify specific ways to work with local law enforcement agencies to increase roadway safety.

Goal 9.2: Adequate Fire Protection services and Emergency Medical Services ("EMS") are provided to the community.

Actions

9.2.1: Continue to support and maintain a quality Fire & Rescue Department.

9.2.2: Continue to work closely with the Fire Departments Risk Reduction Division to ensure new and renovated buildings are safe and meet the City's building and fire codes.

9.2.3: Support the construction of new fire stations as the city grows, with the locations being dependent on where growth occurs.

9.2.4: Identify specific ways the City can mitigate transportation concerns from the Fire & Rescue Department, particularly on east to west routes and over the railroads.

Goal 9.3: Adequate Emergency Management services are provided to the community.

Actions

9.3.1: Continue to participate in emergency management programs and exercises.

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Chapter 10 Utilities and Energy

Utilities

Utilities in Hastings include electric, water, gas, sewer, trash, and recycling. These services provide city residents with basic needs, all of which will have to adjust as the city grows.

Hastings Utilities

The City's Utilities Department is located at 1228 N Denver Ave.

Electric

Hastings Utilities currently has the capability of producing approximately 170 megawatts of electricity. Hastings Utilities serves a 56-square mile area including the city of Hastings and the village of Juniata. Electricity is generated at three different sites. The largest producing power plant is the coal-fired Gerald T. Whelan Energy Center. The 77 megawatt power plant uses low sulfur coal from Wyoming coal mines.

The two other generation sites include the North Denver Station

and the Don Henry Power Center. The Don Henry Power Center operates primarily on natural gas, but can also be operated on fuel oil. This center can be brought online in a moments notice. The North Denver Station has two natural gas fired generators. All generation is sold to the Southwest Power Pool market and then City load is purchased back. Generation above that required for City load is wholesale power. Wholesale power revenues help to hold the line on local electric rates. The Utilities Department's services also include tree trimming to ensure electrical system's integrity.

Lastly, the department offers thermal imaging services to determine hot spots in or on buildings, windows, doors, circuit breaker panels, conveyor belts, pulleys, electrical motors, and gear boxes.

(Note: modified slightly from website.)
Source: cityofhastings.org

Community Solar Farm

Community solar is when solar electricity is owned and shared by multiple customers while being produced in one location. A community solar farm's primary purpose is to give customers the option to participate in renewables who cannot or do not want to install the solar panels on their own property.

Anyone who gets their electricity from Hastings Utilities can participate. Those who wish to participate can do so through ownership and subscription. Ownership gives customers the ability to purchase and own the panel. The panel will stay in the solar field and will be maintained by Hastings. Subscription allows customers to purchase solar shares each month to offset some of the energy they use each month. The Hastings Community Solar Farm is located west of the municipal airport. (Note: modified slightly from website.)
Source: cityofhastings.org

Water

Hastings Utilities supplies potable water to residential, commercial, and industrial customers within and near the community. The city also provides water to private water systems, including Sanitary Improvement District ("SID") 1 of neighboring Clay County and the Village of Trumbull (in both Adams and Clay counties). Water is pumped directly from the Ogallala Aquifer using 23 operational wells. There are a total of 35 wells, but 12 are inoperable due to either age or contaminants. Water is supplied through a water distribution system that has a total length of 327 miles. The average system demand is seven million gallons per day.

The city also operates seven additional wells for emergency use purposes and three wells devoted to Aquifer Storage and Restoration ("ASR") operations. The ASR Project went online in 2018. The system was designed to reduce the nitrate concentration in the aquifer beneath Hastings. Doing so keeps system wells viable.

A water main and lead service replacement program was started in 2021 for the purpose of replacing aging pipe, boosting residential fire flow, and eventually eliminating lead water service lines in Hastings. Currently, high population centers such as churches and schools are provided with sufficient fire flow. However in residential areas, where there are still 4" water mains, it is difficult to achieve the desired 1,500 gallons per minute for sufficient fire flow. If fire flow is less than 750 gallons per minute, then replacement becomes a priority.



Photo 10.1: Well in operation
Source: Marvin Planning Consultants

As of 2024, the City plans to upgrade all 4" lines (25.5 miles as of 2024). The City is able to replace 1.5 miles per year, meaning in 2041 all 4" lines will be replaced. See Figure 10.2 to view the locations of these lines.

(Note: modified slightly from website.)
Source: cityofhastings.org; City of Hastings staff

Gas

Hastings Utilities operates a Local Distribution Company ("LDC") consisting of over 180 miles of primary main, ranging in size from 2" through 12" serving over 11,000 customers. Natural gas supplies enter the local distribution company at two municipal limit border stations. Natural gas is transported to the community via connections from two interstate natural gas pipelines. Two propane/air mixing plants can be operated in order to shave the consumption peaks during winter's coldest days.

(Note: modified slightly from website.)
Sources: cityofhastings.org

Sewer

The city's Pollution Control Facility, located at 2120 E 26th St, discharges treated water into the south branch of the west fork of the Big Blue River. The current process involves primary sludge digestion and land application followed by wastewater activated sludge treatment.

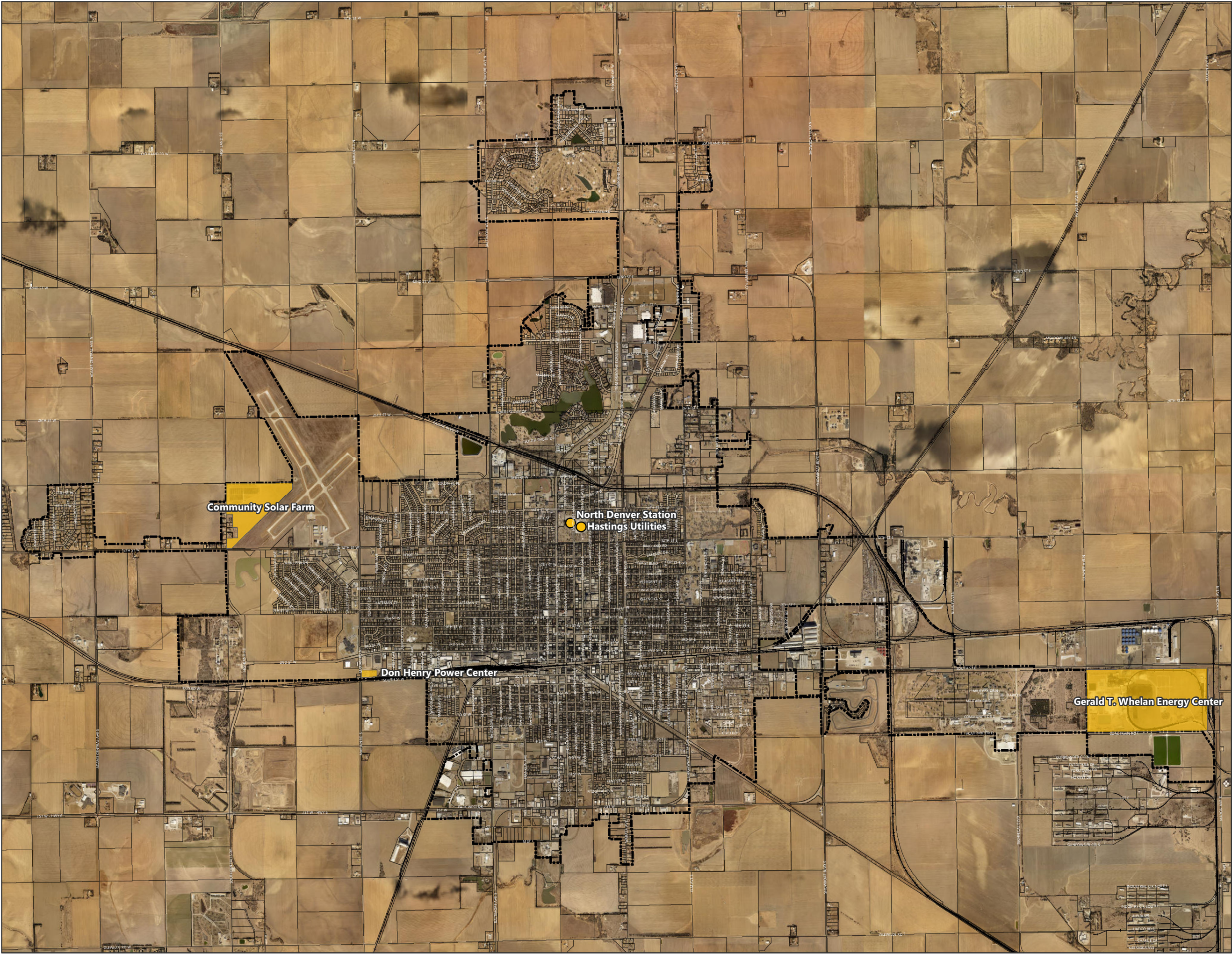
The Pollution Control Facility treats about 3.6 million gallons of wastewater per day. The water is conveyed from the city to the treatment facility utilizing eight sanitary sewer lift stations and 166 miles of sewer main.

(Note: modified slightly from website.)
Source: cityofhastings.org

Sanitation and Recycling

The City of Hastings Solid Waste Landfill/Wood Waste Facility is located at 725 S Southern Hills Dr. This facility provides a safe and integrated solid waste management system for Hastings and Adams County. Clay,

HASTINGS, NEBRASKA
COMPREHENSIVE PLAN
FIGURE 10.1: UTILITIES



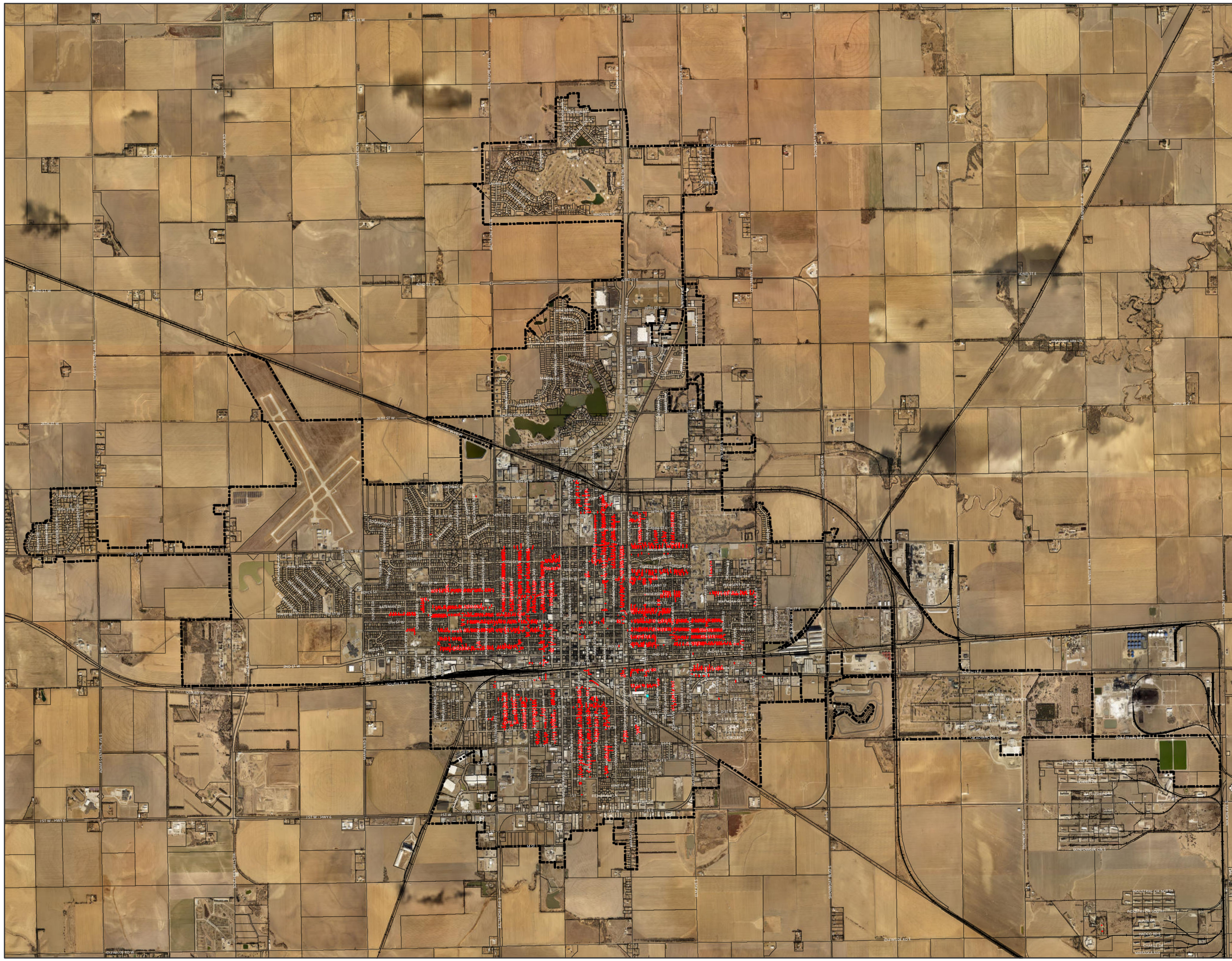
- LEGEND**
- Utilities
 - Utilities
 - Parcels
 - ▭ City Limits


MPC
MARVIN PLANNING CONSULTANTS
Specializing in Municipal, County and Neighborhood Planning

PROJECTION: NE State Plane (Ft.)
DATUM: NAD 83
DATE: 9.8.23

0 0.3 0.6 1.2 Miles

FIGURE 10.2: WATER LINES
4" LOCATION



LEGEND

Water Line

4"

Parcels

City Limits



PROJECTION: NE State Plane (Ft.)
DATUM: NAD 83
DATE: 3.15.24

0 0.3 0.6 1.2 Miles

Nuckolls, Webster, Franklin, and Kearney Counties, as well as their communities, utilize this facility as well. Pick up is managed by private trash haulers.

(Note: modified slightly from website.)

Source: cityofhastings.org/

Energy Element

This section is intended to meet the requirements for an energy element in Neb. Rev. Stat. §19-903(4) that each city comprehensive plan "Assesses energy infrastructure and energy use by sector, including residential, commercial, and industrial sectors; evaluates utilization of renewable energy sources; and promotes energy conservation measures that benefit the community."

Energy Use by Sector

Hastings provides residents with electricity and natural gas. In regard to electricity, the current rated capacity of the city is 169 MW. The average peak demand for the city, from 2021-2023 was 91.4 MW.

Source: City of Hastings

Residential Energy Use

Energy is consumed in the residential sector primarily for space heating, water heating, air conditioning, refrigeration, cooking, clothes drying, and lighting. Fuel used for motor vehicles by household members is included in the transportation sector.

In the previous three years, the annual average electricity consumption in the residential sector was 112,803,796 kwh. The annual average natural gas consumption, in the previous three years, was 645,861 MCF.

Source: City of Hastings

Commercial Energy Use

Commercial uses include buildings such as retail stores, nonmanufacturing businesses, motels, health and education institutions for energy use reporting. Government uses are included in this sector for these reports. Common uses of energy in the commercial sector include space heating, water heating, refrigeration, air conditioning, and cooking.

In the previous three years, the annual average electricity consumption in the commercial sector was 108,333,804 kwh. The annual average natural gas consumption, in the previous three years, was 398,066 MCF.

Source: City of Hastings

Industrial Energy Use

Energy use in the industrial sector covers fuels for manufacturing, data centers, construction, mining, agriculture, and forestry. Energy to transport products is included in the transportation sector.

In the previous three years, the annual average electricity consumption in the industrial sector was 206,712,976 kwh. The annual average natural gas consumption, in the previous three years, was 306,164 MCF.

Source: City of Hastings

Renewable Energy

Renewable energy is energy from sources which are naturally replenished. Nebraska, like all of the United States, is moving towards renewable and away from legacy fuel sources. While almost 75% of the state's electricity was generated by coal in 2011, only 50% came from coal in 2021.

Biomass

Biomass is renewable organic material coming from plants and animals. This includes biofuels, such as ethanal and biodiesel, along with wood waste, landfill gas, and similar fuels. In 2021, there were six units in Nebraska producing electricity from biomass, and 11 from landfill gas.

Source: eia.gov/energyexplained/biomass

Geothermal

Geothermal energy is heat within the earth. Geothermal energy is a renewable energy source because heat is continuously produced inside the earth. People use geothermal heat for bathing, for heating buildings, and for generating electricity. Geothermal electricity generation requires water or steam at high temperatures (300° to 700°F).

According to the U.S. Environmental Protection Agency ("EPA"), geothermal heat pumps are the most energy-efficient, environmentally clean, and cost-effective systems for heating and cooling buildings.

Source: eia.gov/energyexplained/geothermal

Solar

A photovoltaic ("PV") cell, commonly called a solar cell, is a nonmechanical device which converts sunlight directly into electricity. Some PV cells can convert artificial light into electricity.

The efficiency at which PV cells convert sunlight to electricity varies by the type of semiconductor material and PV cell technology. The efficiency of commercially available PV modules averaged less than 10%

in the mid-1980s, increased to around 15% by 2015, and is now approaching 20% for state-of-the-art modules. Experimental PV cells and PV cells for niche markets, such as space satellites, have achieved nearly 50% efficiency. Rooftop solar has increasingly become an option for many homeowners and small businesses. The direction and pitch of the roof affect the amount of energy produced, as do nearby trees or other structures. In the previous three years, the annual average energy solar production in Hastings was 3,615,672 kwh.

Sources: eia.gov/energyexplained/solar; City of Hastings

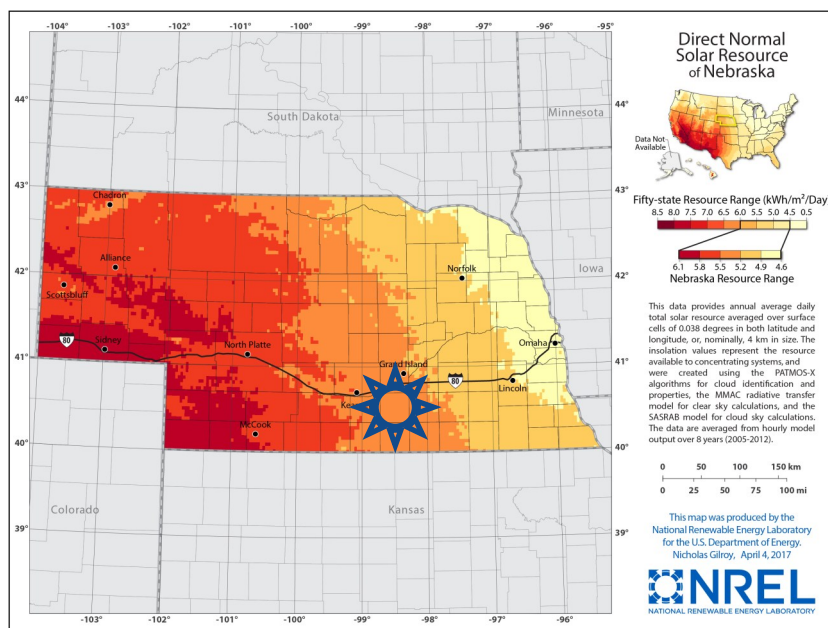
Wind

An increasing share of Nebraska's energy comes from renewable wind energy. In 2021, there were 1,333 utility-scale wind turbines producing electricity in Nebraska. The state's wind generation grew from 3% of electricity generated in 2011 to 25% in 2021.

According to the US Department of Energy's Office of Energy Efficiency & Renewable Energy, "Areas with annual average wind speeds around 76,320 ft per hour and greater at 262.5 ft height are generally considered to have a resource suitable for wind development. Utility-scale, land-based wind turbines are typically installed between 262.5 ft - and 328.1 ft high although tower heights for new installations are increasing - up to 459.3 ft - to gain access to better wind resources higher aloft."

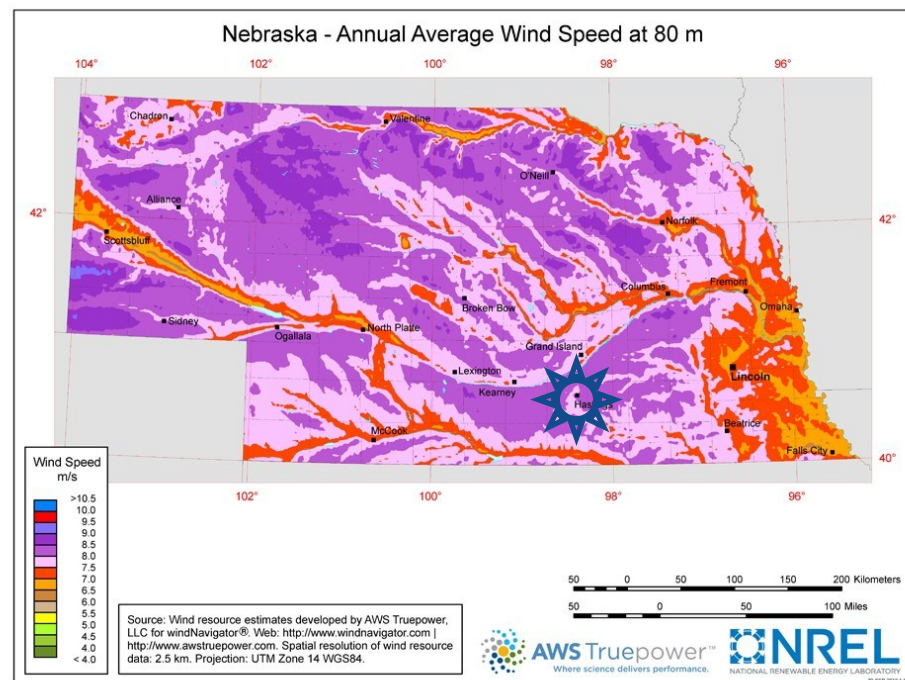
Individual sites may be powered by Small Wind Energy Systems, a type of wind energy conversion system with a rated capacity of

Figure 10.3: Direct Normal Solar Resource of Nebraska



Source: National Renewable Energy Laboratory, 2010

Figure 10.4: Average Annual Wind Speed at 80m



Source: National Renewable Energy Laboratory, 2010

100 kilowatts or less.

Technological advancements are driving the growth of the small wind power market by

making turbines more efficient and cost-effective. Small wind turbines can operate efficiently on wind speeds of just 13.2 feet per hour.

The location of large commercial utility-scale wind farms are chosen for a variety of factors, including wind speed, and the ability to tie into interstate transmission lines gaining access to the electric grid.

In the previous three years, the annual average wind energy production in Hastings was 7,330,359 kwh.

Source: eia.gov/energyexplained/wind; City of Hastings

Battery Backup Systems

Experimental energy storage technologies, particularly battery energy storage systems, are growing rapidly and already play a role in enhancing the electrical grid by supporting deployment and integration of renewable energy sources — increasing reliability, controlling costs, and building a more resilient grid.

Source: cleanpower.org

Net Metering

Since 2009, private electricity generating facilities with capacity at or below 25 kilowatts may operate under Nebraska's net-metering statutes. Any excess generation produced by the system will be credited at the utility's avoided cost rate and carried forward to the next billing period. Any excess remaining at the end of an annualized billing period is to be paid out to the customer.

Solar/Wind Access

Municipalities are permitted to develop regulations or development plans protecting access to solar and wind energy resources if they choose to do so. Local governing bodies may also grant zoning exemptions to solar and wind energy systems which would be restricted under existing regulations, so long as

the exemption is not substantially detrimental to the public good.

Conservation Measures

There are different ways to improve energy efficiency and usage. These strategies range from simple (often less costly) to complex (often more costly). Unfortunately, not all of the solutions will have an immediate return on investment. Individual property owners and tenants will need to find strategies fitting their budgets to harvest long-term savings.

Some common ways to make a structure more energy efficient include:

- Converting incandescent light bulbs to Compact Florescent Lights (CFL) or Light Emitting Diodes (LED);
- Installing additional insulation;
- Replacing windows;
- Changing out older, less-efficient air conditioners and furnaces to newer high-efficiency units;
- Changing out older appliances with new EnergyStar rated appliances;
- Adding solar panels;
- Weatherization assistance programs;
- Adding individual-scale wind energy conversion systems (WECS), and;
- Installing a geothermal heating and cooling system

Resources

Brownfields Assistance

A brownfield is a property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Reinvesting in

these properties increases local tax bases, facilitates job growth, utilizes existing infrastructure, takes development pressures off of undeveloped, open land, and both improves and protects the environment.

ESAs

Sec. 128(a) Assessment are Environmental Site Assessments ("ESAs") providing preliminary environmental information to determine if there is contamination on a property. The Nebraska Department of Environment and Energy offers these assessments at no cost.

These assessments are performed in accordance with the "all appropriate inquiry" requirements but may include additional activities such as nearby drinking water well sampling and testing building materials for asbestos, lead-based paint and/or mold. The first part of the assessment examines the background, setting and past uses of a property. It includes a records review, site reconnaissance, interviews, and, as a final product, a report documenting the environmental conditions at the property.

The second part of the assessment examines and evaluates the conditions identified in the initial assessment. Soil and groundwater sampling and analyses are conducted to determine whether any contamination associated with any environmental conditions has occurred on the site. The results of the sampling and analyses are evaluated in the Assessment Report.

Source: dee.ne.gov

Goals and Actions

Goal 10.1: Power utility Infrastructure is sufficient to meet the current and future needs of residents and employers.

Actions

10.1.1: Continue to plan for long-term access to public power generation capacity.

10.1.2: Continue to plan for and ensure that electrical facilities are properly located to meet Hastings's residential, commercial, and industrial growth.

10.1.4: Continue to provide for individual property owners to utilize small-scale, distributed renewable energy generation.

10.1.5: Periodically review zoning regulations for conformance with technological advances in renewable energy generation.

Goal 10.2: Water and sewer utility infrastructure is sufficient to meet the current and future needs of residents and employers.

Actions

10.2.1: Incorporate and phase water and sewer system improvements recommended by the City's engineering studies into the Capital Improvements Plan to meet the demands of Hastings's growth.

10.2.2: When economically feasible, proactively extend public utilities to reduce the costs of development and encourage development in appropriate areas.

Goal 10.3: Solid waste capacity is sufficient to meet the needs of the community.

Actions

10.3.1: Continue to plan for the future of the regional landfill to meet the needs of Hastings and the regions growth.

10.3.2: Continue providing recycling to the community.

10.3.3: Actively educate the public about recycling services and benefits.



Chapter 11 Hazards

Hazard Mitigation

Hazard mitigation planning reduces loss of life and property by minimizing the impact of disasters. It begins with local governments identifying natural and manmade disaster risks and vulnerabilities common in their area. After identifying these risks, they develop long-term strategies for protecting people and property from similar events. Mitigation plans are key to breaking the cycle of disaster damage and reconstruction.

The impacts of hazard and potential damage can be avoided, or at least lessened, with thoughtful land use and development practices. Hazard mitigation informs the entire emergency management cycle.

This chapter summarizes findings of the *Lower Big Blue NRD and Little Blue NRD Hazard Mitigation Plan* (2021), and presents information on floodplain management. The Federal

Emergency Management Agency ("FEMA") requires hazard mitigation plans be updated every five years to reflect changing conditions. This Comprehensive Plan should itself be updated to reflect any changes in the hazard mitigation plan.

Hazard Mitigation Plan

The Lower Big Blue NRD and Little Blue NRD Hazard Mitigation Plan was updated in 2021 by JEO Consulting Group, and approved by FEMA in compliance with requirements of the Disaster Mitigation Act of 2000. Developing a hazard mitigation plan is not only good public policy for a resilient community, but participation in and adoption of a hazard mitigation plan is also required to become eligible for certain federal funding sources.

The 2021 plan update process was sponsored by the Little Blue and Lower Big Blue NRDs and was lead by local planning representatives from NRDs and

Emergency Management offices in Adams, Clay, Fillmore, Gage, Jefferson, Nuckolls, Saline, Thayer, and Webster Counties. The City of Hastings was represented by the City Engineer, Environmental Director, Director of Development Services, and Adams County Emergency Management.

Hazard Mitigation Goals and Objectives

The hazard mitigation plan includes goals, objectives, and action items, including:

- Goal 1: Protect the Health and Safety of the Public
- Goal 2: Reduce Future Losses from Hazard Events
- Goal 3: Increase Public Awareness and Education on the Vulnerability to Hazards
- Goal 4: Improve Emergency Management Capabilities
- Goal 5: Pursue Multi-Objective Opportunities (whenever possible)

Critical Facilities

The hazard mitigation plan identifies a broad range of Critical Facilities for each participating jurisdiction. For the City of Hastings, these include public and private schools, park facilities, and city facilities.

Hazard Risk Assessment

The hazard mitigation plan includes a description of the hazards considered, including a risk and vulnerability assessment. This information is taken directly from the mitigation plan.

From 1996 to 2020, Adams County experienced the following hazard events, as documented by the NCEI Storm Events Database:

- Agricultural Disease: 28 incidents
- Dam Failure: 1 event
- Drought: 493 of 1,504 months
- Earthquakes 0 events
- Extreme Heat: Average 6 days per year
- Flooding: 11 flash floods and 10 general flood events
- Grass/Wildfire: 121 incidents
- Hazard Materials: 62 incidents
- Levee Failure: 0 events
- Public Health Emergency: 2,898 cases, 43 deaths
- Severe Thunderstorms: 140 events
- Severe Winter Storms: 99 events
- Terrorism: 0 incidents
- Tornadoes and High Winds: 54 events

Countywide, 852 hazard events were logged with \$129,766,259 million in property damage and \$59,047,780 million in crop damage reported.

Improvements in the floodplain

In 2019, there were 117 improved structures located in Hastings' mapped floodplain - approximately 1% of all improvements in the city - with a value of about \$59.3 million. (JEO Consulting Group analysis).

Top Hazards of Concern

Each participating entity ranked hazards with the potential to affect their own jurisdiction. For the City of Hastings, the top hazard of concern included dam failure, flooding, severe thunderstorms, severe winter storms, and tornadoes and high winds.

Dam Failure

Hastings is protected by the Hastings Northwest Dam, a high-hazard dam located 1.9 miles northwest of Hastings. This 28 foot high dam is owned by the Upper Big Blue NRD. As noted in the mitigation plan, while the dam is classified as a "high hazard", hazard level correlates to areas at risk if a failure were to occur rather than the likelihood of failure. If this dam were to fail, a large portion of the city would be inundated. The City of Hastings, Adams County, UBBNRD, and the NeDNR Dam Safety Division have been working together to address dam safety and maintenance schedules.

Hastings Dam is a significant hazard dam, located on Lake Hastings in the northern part of the city. This 15 foot high dam is owned by the City of Hastings. NeDNR inspectors have noted

the primary spillway is insufficient for a 100-year (1%) flood event.

Flooding

Hastings has been impacted by flooding impacts, both from natural floodways and from poor stormwater drainage. The outskirts and edges of Hastings have identified flood hazard risk areas.

Flood events in 2007, 2008, 2009, 2015, and 2019 were documented in the hazard mitigation plan as causing \$645,000 in reported damages. During the 2007 flood event many streets in Hastings had one to two feet of standing water and the Burlington Street underpass was closed due to high water. While the March 2019 flood event did not significantly impact the city, heavy rainfall across the area resulted in the flooding of the West Fork of the Big Blue River in eastern Adams County. Portions of Showboat Road near the river, which runs along the east edge of Hastings, was covered in several inches of water.

The hazard mitigation plan specifically calls out flooding and ponding in certain areas of the city:

- Properties along the railroad tracks
- Trailer park homes (southeast side of town)
- Pawnee Creek
- Municipal well #35
- Hastings Municipal Airport
- Heartwell Lake Dam area/ East Side Blvd.

Severe Thunderstorms

Hastings frequently experiences damaging severe thunderstorms which can include impacts from heavy rain, lightning, strong

Table 11.1: Mitigation Actions

Mitigation Action
Enroll in a tree maintenance program
Install Outdoor Warning Sirens; update and improve current sirens
Provide a generator for City Hall
Protect power lines from severe weather events
Repair or conduct replacement of Hastings Dam
Provide a generator for Highland Park (North) Fire Station
Develop and conduct a city-wide comprehensive flood mitigation plan to evaluate problem areas and identify strategies to reduce flooding in Hastings
Improve stormwater drainage in existing developments around Heartwell Lake Dam as part of new maintenance strategy
Develop and implement a stream buffer ordinance for construction activities and developments near streams in town. This ordinance would be developed in conjunction with a Comprehensive Watershed Study and Storm Sewer Master Plan.
Purchase an adequate rescue boat that would provide life-saving rescues to victims of flooding, entrapment, ice breaks, or swift water. Purchase an airboat or similar quick deployment vessel that is capable of LOW and High-water level rescues similar to an airboat.
Update local floodplain ordinance to include language that floodplains remain as open space and prohibit fill in floodplain areas.
Green Infrastructure in the form of filter strips, native plantings, with potential underdrains is needed in many areas of town to provide drainage and not overload the grey infrastructure system. Vegetated Buffer strips are needed around water bodies for water quality.
Widen 12th Street to improve emergency evacuation routes/emergency access.
Plan for and install an additional above-grade BNSF railroad crossing to improve emergency access. Potential locations include at Marion Road or Showboat.
Upgrade, repair and improve stormwater infrastructure including culverts, pipes, and networks throughout the city. Pawnee Creek Railroad – upgrade and upsize culverts to reduce flood impacts on residents, the airport, solar farm, and municipal water wells. With new floodplain mapping efforts, municipal well #35 has no freeboard and additional flood protection is needed.
Enforcement of floodplain management requirements, including regulating new construction in Special Flood Hazard Areas (SFHAs).
Install a high profile and traffic camera

Note: Green highlighted rows are completed actions, yellow are in progress, and red have been removed.

Source: Little Big Blue NRD and Little Blue NRD Hazard Mitigation Plan (2021)

winds, and hail. City officials are concerned about disruption of utilities and public services, property damage and safety risks to residents from severe thunderstorms.

Critical facilities, such as City Hall, the public library, and the museum, do not have portable generators or hail resistant roofing. About 20 percent of the power lines in the city are buried. Interior flooding does occur during heavy rainfall events which can overwhelm the aging stormwater drainage system. Areas with poor drainage include the Burlington Underpass, 12th Street, and the 33rd and Kansas area.

Severe Winter Storms

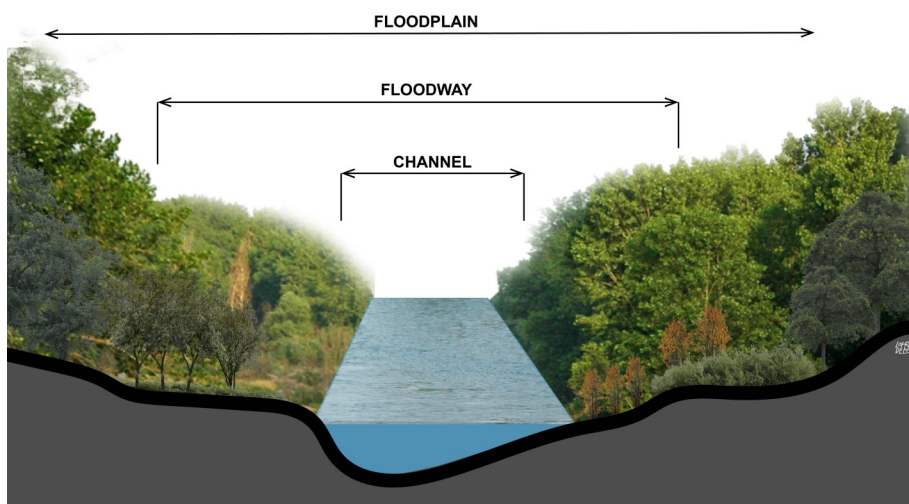
Adams County frequently experiences severe winter weather, with heavy snowfall, high winds, and sometimes crippling ice accumulations. Extremely cold temperatures can accompany these systems, such as when a winter storm on February 1, 2011 was followed by wind chills approaching 35 degrees below zero in Hastings. The city's main concerns from severe winter storms are snow removal, property damage, and public safety.

Tornadoes and High Winds

Hastings is prone to damaging winds and tornado events. An F-1 tornado on June 7, 1994 just north of Hastings caused several million dollars' worth of crop damage. An EF-0 tornado on August 22, 2007, with winds of 75 mph caused \$25,000 in damage in town.

The City's main concerns from tornadoes and high winds are disruption of utilities, property

Figure 11.1: Flood Plain Cross Section



Source: National Wetlands Inventory

damages, blocked transportation routes, loss of life and crop damage. High winds have been reported in excess of 70 mph and have caused substantial damages to homes. The city does not have a community safe room, so residents must rely on their own or a neighbor's basement or storm shelter for safety.

Mitigation Strategy

The primary focus of the mitigation strategy is to identify action items to reduce the effects of hazards on existing infrastructure and property based on the established goals and objectives. These actions should consider the most cost effective and technically feasible manner to address risk.

Actions to implement the Hazard Mitigation Strategy for the City of Hastings are presented in Table 11.1. The County and each participating municipality has its own mitigation strategy spelled out in the Adams County Appendix to the hazard mitigation plan.

Floodplains and Floodways

Flooding occurs as a general and temporary condition of inundation of normally dry land from flowing water, such as streams and rivers overflowing their banks, along with runoff from adjacent or surrounding slopes.

The floodplain contains generally three areas of concern—the floodway, Regulatory Floodplain, and Flood Fringe.

Floodway, the channel of a watercourse and those portions of the adjoining floodplains which are required to carry and discharge a flood of 1-percent chance with no significant increase in the base flood elevation.

Regulatory Floodplain, the low land near a watercourse which has been or may be covered by water from a flood event having a 1-percent chance in any given year. The 1-percent annual chance flood is also referred to as the base flood or 100-year

flood. The regulatory floodplain is identified on Flood Insurance Rate Maps (FIRMs) as the Special Flood Hazard Area (SFHA).

Flood Fringe, the portion of a floodplain which can be inundated by floodwaters but is not within the regulated floodway. The flood fringe serves as temporary storage for slow-moving or standing floodwaters. The floodplain includes both the floodway and the flood fringe.

The floodplain area of greatest significance to land use is the 1% or 100-year floodplain, as the floodway is generally off limits to development. The floodplain is defined by the ground elevation in relation to water elevation experienced during a base flood event. The 1-percent or 100-year floodplain is calculated as the elevation level of flood water expected to be equaled or exceeded every 100 years on average. In other words, the 100 year flood has a 1% chance of being equaled or exceeded in any single year. The 0.2% chance or 500-year floodplain is also commonly mapped as a caution, yet is not typically regulatory.

Preserving the floodway and flood fringe are critical to limiting the level of property damage which can occur as well as the risk to life of the occupants of the area. These lands when not flooded may seem to be harmless, but it is those rare times threatening life and property which need to be anticipated.

Floodplain Administration

The City of Hastings participates in the National Flood Insurance

Program ("NFIP"). The Highway Superintendent is the City's designated Floodplain Administrator. The Administrator would work with the Development Services Department, NRD, Nebraska Department of Natural Resources ("NeDNR"), and FEMA to keep Hastings' floodplain development regulations up to date with changing state and federal requirements.

FEMA's Community Status Book report the initial Flood Hazard Boundary Map for Hastings was identified on 5/10/1974. The Initial Flood Insurance Rate Map (FIRM) became effective 8/01/1980. The currently in effect map was dated 9/26/2008, subject to map amendments and revisions. The FEMA Flood Map Service Center reports seven amendments and one revalidations to the FIRM effective July 5, 2018.

As of February 29, 2024, in the municipal limits of Hastings there were 20 NFIP policies in force, with total coverage of \$5.4 million. This is down from the 24 policies in force in November 2020, reported in the hazard mitigation plan. According to NeDNR as of February 2020 there was one undefined repetitive loss property in the city.

Higher Standards for Floodplain Management

NeDNR's Floodplain Management Section is responsible for coordinating programs addressing the wise use of land which is subject to flooding. The Section provides floodplain management resources, NFIP resources, post-disaster information, and other references. Staff provide regular training opportunities, online and

in-person.

Every local floodplain management program is supported by a floodplain management ordinance. The ordinance establishes the requirements for development in the regulatory floodplain. Ordinances must meet the *Nebraska Minimum Standards for Floodplain Management Programs* as well as the requirements in 44 CFR Chapter 1, Part 60.3. NeDNR has developed model ordinances that communities can use for a template, provided community staff and boards review it for appropriate inclusion into the broad set of ordinances.

Nebraska's minimum standards are higher than the federal minimum standards, including requiring one-foot of freeboard (elevation of the lowest floor above the base flood elevation or BFE), restricted development in floodways, and prohibited storage of hazardous materials. Flood damages can be reduced further and citizens kept safer by enacting further higher standards for development in floodplains.

- **Freeboard:** Some cities increase this safety factor to 2 or 3 feet above BFE. Higher elevations are safer, and flood insurance costs lower.
- **Substantial Improvement/ Damage:** All substantially improved or damaged structures with more than 50% improvement or damage must be elevated. Some cities encourage safer rebuilding by lowering the benchmark to 30%, or by tracking cumulative improvements and/or damage.
- **Enclosure Limitations/Non-**

conversion: Many structures have an enclosed area below the lowest floor, such as a crawlspace or storage area. These enclosed areas are required to be wet floodproofed with vents. The City can prohibit all enclosed areas or set limitation on size or height. The benefit is to limit flood damage and protect against the loss of life or property.

- **Critical Facilities:** As noted in the Hazard Mitigation Plan, certain critical facilities are vulnerable to flooding. Ideally, critical facilities should be sited outside of both the 1% and 0.2% annual chance flood zones. Providing a requirement to elevate or floodproof critical facilities to a 0.2% annual chance flood zone help keep buildings safer. Doing so also requires providing an access road that is similarly elevated.
- **Fill in the Floodplain:** Fill placed in a floodplain displaces flood waters, inevitably impacting adjacent property. Fill can be prohibited or limited to reduce impacts on floodwater storage. Another option is a compensatory storage requirement—for any fill the same amount of flood storage must be provided. The ordinance can also set standards for fill, including quality and compaction.

NeDNR also provides optional standards for community consideration:

- **Appurtenant Structures:** Some cities adopt specific standards for accessory structures, such as small backyard sheds. Appurtenant structures used

for storage can have their lowest floor below BFE if anchored, flood vented, and any electrical fixtures elevated.

- **Letters of Map Revision:** With a Letter of Map Revision Based on Fill (LOMR-F), a property is re-mapped to Zone X, nominally outside the regulatory floodplain. However, restrictions on basements below a certain elevation remain. Some cities set riders to their acknowledgement of the LOMR process, including referencing FEMA Technical Bulletin design and construction standards.
- **CFM:** Some cities require the designated floodplain administrator to become a Certified Floodplain Manager (CFM) from the Association of State Floodplain Managers. The certification does require certain ongoing costs for training.

Source: dnr.nebraska.gov/floodplain/model-ordinances

Community Rating System

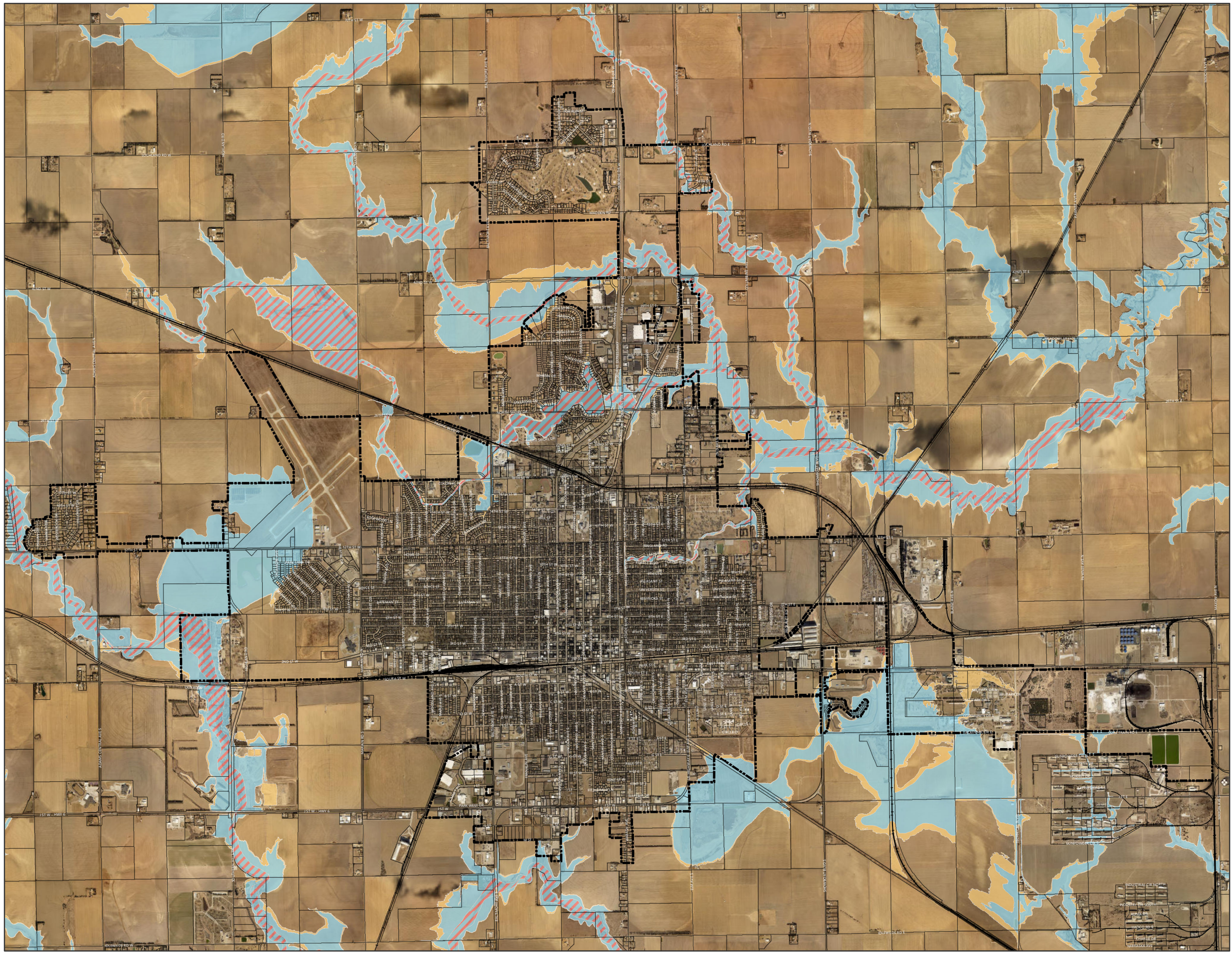
During the next update to the Hazard Mitigation Plan, the City should consider participation in FEMA's Community Rating System ("CRS"). The Community Rating System ("CRS") is a voluntary program that communities can join to get credit for floodplain management activities above the minimum standards. Communities receive points for those activities and based upon the number of points, flood insurance premiums are reduced for policyholders in the community. CRS is a "win-win" because it reduces a community's vulnerability to floods and also reduces the cost

of flood insurance premiums.

While there are significant administrative costs to track compliance, CRS offers policy holders substantial potential savings, likely just for activities and policies already in place.

Source: dnr.nebraska.gov/floodplain/community-rating-system

HASTINGS, NEBRASKA
COMPREHENSIVE PLAN
FIGURE 11.2: FLOODPLAIN



LEGEND

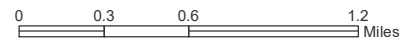
-  Parcels
-  City Limits

Floodplain

-  1% Annual Chance Flood Hazard
-  0.2% Annual Chance Flood Hazard
-  Floodway



PROJECTION: NE State Plane (Ft.)
DATUM: NAD 83
DATE: 1.8.23



Goals and Actions

Goal 11.1: The City provides adequate support for goals and objectives of the Hazard Mitigation Plan.

Actions

11.1.1: Support implementation of all action items in Table 11.1.

11.1.2: Review and update Development regulation requirements (zoning and subdivision ordinances) to bury power and service lines in new development.

11.1.3: Consider potential impacts of dam/levee/floodwall inundation zones in development review.

11.1.4 Support city-wide comprehensive flood mitigation planning and implementation.

11.1.5 Consider need for improved stormwater drainage in development review.

11.1.6 Review and update Development regulation requirements for stream buffers.

11.1.7 Review and update Development regulation requirements restricting development in the floodplain.

11.1.8 Review and update Development regulations to encourage use of green infrastructure, such as filter strips and native plantings, to reduce grey water runoff.

Goal 11.2: The City maintains conformance with the National Flood Insurance Program ("NFIP").

Actions

11.2.1: Mitigate flood hazards and assure conformance with NFIP requirements.

11.2.2: The Floodplain Administrator should work with the NRD and NeDNR on updated floodplain mapping for the city and county.

11.2.3: Support participation by the Floodplain Administrator and Development Services staff in specialized training opportunities for flood mitigation and floodplain management.

Goal 11.3: The City evaluates and implements higher and optional development standards for flood hazard safety

Actions

11.3.1: Consider adoption of higher regulatory standards in the Floodplain Development Ordinance.

11.3.2: Consider adoption of optional standards in the Floodplain Development Ordinance.

11.3.3: Consider participating in FEMA's Community Rating System ("CRS") to provide flood insurance premium discounts to property owners and tenants

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Chapter 12

Land Use and Development

Hastings' Land Use

Land use and development are the primary focus of the Comprehensive Plan. The land use element does not regulate land use - it is a policy guide for future decision making for annexation and rezoning requests. The document also provides direction to City staff, its development partners, and the community for future projects, capital improvements, and small area plans. The Comprehensive Plan is not regulatory; however, the Plan reflects the community's preferences to guide and plan for development and land use policy.

The Plan, particularly the land use element, plays a fundamental role as the substantive basis for regulations implementing the plan such as zoning, subdivision, and floodplain management. A clear land use element provides a vision for the future and helps prevent, or at least minimize, conflicts between different uses

of land.

It is essential for the land use element to reflect the wants and needs of Hastings' residents, businesses, and property owners, within the constraints of the landscape. This chapter addresses the statutory requirements of the land use element, describes existing land use, and presents the future land use plan. This chapter also discusses the community character of Hastings and action items for building on this unique character.

Land Use Element

This section is intended to meet the requirements in Nebraska Revised Statutes §19-903(1) that the Comprehensive Plan include: "A land-use element which designates the proposed general distributions, general location, and extent of the uses of land for agriculture, housing, commerce, industry, recreation, education, public buildings and lands, and other categories of public and

private use of land".

The land use element is based on an understanding of how Hastings' citizens have built their community. All of the other elements presented so far in this plan, from demographics to hazard mitigation, inform the analysis of existing land use to determine recommendations for future land use.

Existing Land Use

Land in Hastings and the surrounding area has been developed for many different purposes. Existing land use includes both the use of buildings and parcels of land. The use of land is constantly changing - this plan presents a snapshot in time of existing land use. It is essential to have a solid understanding of existing land use at a point in time to carefully consider future land use policy.

Existing Land Use Categories

The utilization of land is best described in specific categories providing broad descriptions where numerous businesses, institutions, and structures can be grouped. For the purposes of the Comprehensive Plan, the following land use classifications are used:

- Residential Estates (RE);
- Single-Family Residential (SFR);
- Multi-Family Residential (MFR);
- Manufactured Housing (MHR);
- Commercial (C);
- Industrial (I);
- Quasi-Public/Public (Q-P/P);
- Parks & Recreation (P/R);
- Transportation/ROW (T/ROW);
- Lake/Water, and;
- Vacant/Agriculture (Vacant/Ag)

In Tables 12.1 and 12.2, the existing land uses in the city are split between inside city limits and in the extraterritorial jurisdiction.

Land Use Constraints

While certain areas are well situated for different types of growth and development, they may also be subject to constraints discussed throughout this plan. These constraints may direct development elsewhere, or they may simply be issues to be improved and resolved. Constraints may include:

- Limited opportunities for in-fill development;
- Neighborhood impacts of existing commercial and industrial uses, including visual blight;
- Cost to extend infrastructure including streets, electricity, water, and sewer service;
- Agricultural uses;

Table 12.1: Existing Land Uses - In City Limits

Use	Acres	Share of Developed Area (acres)	Share of Total Area (acres)
Residential	2,759.1	24.9%	7.2%
Residential Estates	202.0	1.8%	0.5%
Single-Family	2,336.1	21.1%	6.1%
Multi-Family	125.5	1.1%	0.3%
Manufactured Housing	95.4	0.9%	0.2%
Commercial	452.0	4.1%	1.2%
Industrial	1,460.4	13.2%	3.8%
Quasi-Public/Public	27,66.0	25.0%	7.2%
Parks/Recreation	859.5	7.8%	2.2%
Transportation/ROW	2,783.1	25.1%	7.2%
Total Developed Land	11,080.0	100.0%	28.9%
Lake/Water	96.2	0.9%	0.3%
Vacant/Agriculture	27,220.3	245.7%	70.9%
Total Area	38,396.5	-	100.0%

Source: Marvin Planning Consultants

Table 12.2: Existing Land Uses - Extraterritorial Jurisdiction

Use	Acres	Share of Developed Area (acres)	Share of Total Area (acres)
Residential	1,962.8	14.4%	4.5%
Residential Estates	823.2	6.0%	1.9%
Single-Family	1,100.1	8.1%	2.5%
Manufactured Housing	39.5	0.3%	0.1%
Commercial	85.8	0.6%	0.2%
Industrial	2,323.3	17.0%	5.3%
Quasi-Public/Public	4031.5	29.5%	9.2%
Parks/Recreation	516.6	3.8%	1.2%
Transportation/ROW	2,783.1	20.4%	6.4%
Total Developed Land	13,665.8	100.0%	31.2%
Lake/Water	0.0	0.0%	0.0%
Vacant/Agriculture	30,097.5	220.2%	68.8%
Total Area	43763.3	-	100.0%

Source: Marvin Planning Consultants

- Transportation such as highways and railroads;
- The reach of the gravity-fed sewer system, without adding lift stations, and;
- Willingness of adjacent property owners to sell land at prices which the market will support

Extraterritorial Jurisdiction

The City of Hastings has planning and zoning jurisdiction over the unincorporated area of Adams County generally within two-mile of the city limits, known as the (extraterritorial jurisdiction or ETJ). The Future Land Use Plan also applies to the ETJ, with or without annexation into the city limits.

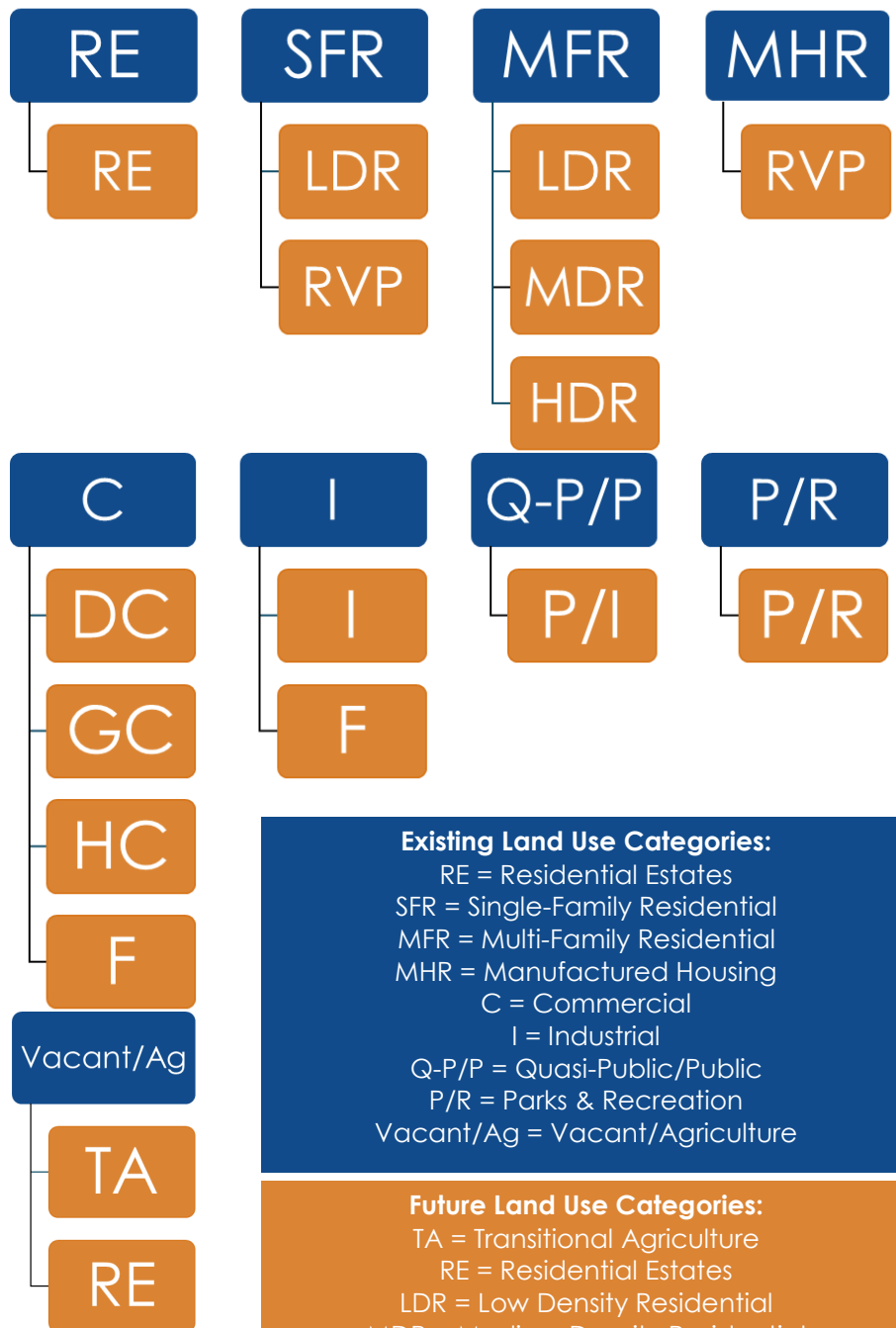
Ready to Build Land

Future development would logically occur on vacant or agricultural land with access to sewer and water lines. As shown in Figure 12.1, there are multiple parcels surrounding the entire city (and within the city limits) identified as vacant or agricultural during the existing land use inventory. These parcels also have access to both sewer and water lines. In total, there are 1,784.02 acres available as "ready to build" land.

Future Land Use

The Future Land Use Plan is intended to be a policy guide to future land uses balancing private sector development with the public interest, so the city can effectively and efficiently deliver public services. The future land use categories cover areas inside current city limits, future annexation areas, and the extraterritorial jurisdiction.

The flow charts to the right show how the existing land use categories fall into the future land use categories used in the Plan (note: the Hospital Environs does not fall into a new future land use category, as it is an overlay on top of future land uses). The blue box is the existing land use category, with the ensuing orange boxes being the future land use category in which it falls.



Existing Land Use Categories:

RE = Residential Estates
SFR = Single-Family Residential
MFR = Multi-Family Residential
MHR = Manufactured Housing
C = Commercial
I = Industrial
Q-P/P = Quasi-Public/Public
P/R = Parks & Recreation
Vacant/Ag = Vacant/Agriculture

Future Land Use Categories:

TA = Transitional Agriculture
RE = Residential Estates
LDR = Low Density Residential
MDR = Medium Density Residential
RVP = Residential Village Park
HDR = High Density Residential
DC = Downtown Commercial
GC = General Commercial
HC = Highway Commercial
HE = Hospital Environs Overlay
F = Flex
I = Industrial
P/I = Public/Institutional
P/R = Parks/Recreation

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TA - Transitional Agriculture

General Purpose

The Transitional Agriculture land use district encompasses the area where agriculture will likely continue; however, there may be urban scale development when city utilities can be extended.

Compatible Uses

1. Agricultural uses
2. Commercial uses related to agriculture (such as grain storage, implement sales and service, equestrian stables, etc.)
3. Agri-Tourism activities (such as farmstands, vineyards/wineries)
4. Outdoor recreation facilities (such as golf course)
5. Large-lot residential development
6. Public facilities (such as road maintenance storage, fire stations, public utility substations, community centers, etc.)
7. Religious and Educational uses and structures
8. Commercial sand and gravel mining
9. Renewable energy facilities, within performance standards

Incompatible Uses

1. Urban or suburban scale residential development
2. Larger livestock operations which cannot mitigate impacts
3. Urban or suburban commercial development

Issues

1. Groundwater / Municipal water availability
2. Suitability for onsite wastewater treatment systems ("OWTS")
3. Proximity to existing livestock confinements, mining, renewable energy facilities, etc.
4. Flood hazard areas
5. Natural amenities such as trees, and waterways
6. Sidewalks and multi-modal accessibility

Special Policies

1. Residential density should be average no more than four dwellings per quarter section
2. Minimum lot size based upon adequate space for domestic well and OWTS
3. Cluster development of residential developments should be considered whenever soils, topography, natural amenities warrant
4. Developments of one acre or more may be required to meet the standards of National Pollutant Discharge Elimination System ("NPDES") permitting
5. Developments which create more than a 5% increase in runoff may be required to construct a detention basin to control runoff.

RE - Residential Estates

General Purpose

The Residential Estates land use district represents areas where large lot residential development may be appropriate outside of city limits. These areas are typically not yet served with city water and/or sewer but may be in the future. These areas could be designed as clustered developments to conserve agricultural land and open space.

Compatible Uses

1. Residential single-family dwellings
2. Agricultural uses (smaller scale)
3. Public facilities (such as fire stations, public utility substations, community centers, etc.)
4. Religious and educational uses and structures
5. On-Site renewable energy facilities, within performance standards

Incompatible Uses

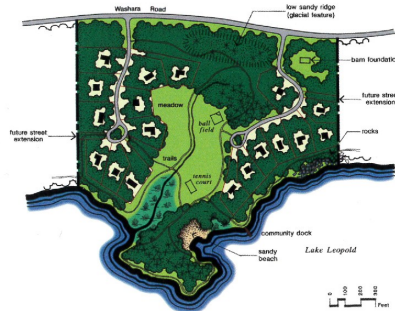
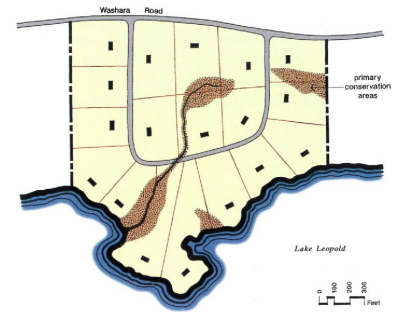
1. Major agricultural operations
2. Livestock operations
3. Urban or suburban scale commercial development
4. Industrial development

Issues

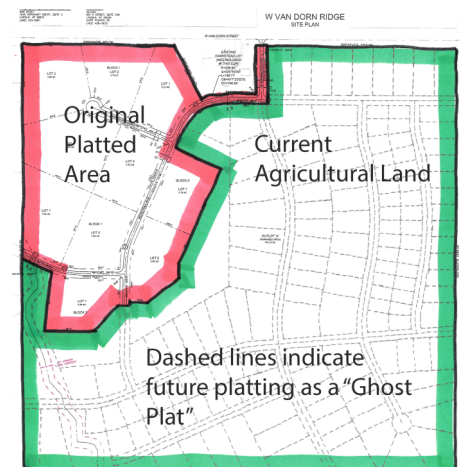
1. Groundwater/Municipal water availability
2. Suitability for onsite wastewater treatment systems ("OWTS")
3. Proximity to existing livestock facilities and/or industrial sites
4. Natural amenities such as trees, ponds, and streams
5. Conservation easements
6. Topography and drainage
7. Wetlands
8. Flood hazard areas
9. Natural amenities such as trees and waterways
10. Site access (public roads)

Special Policies

1. Residential density should be average approximately one dwelling per three acres
2. Density should range from two dwelling units to .33 dwelling units per acre depending upon the source of drinking water and OWTS/sewer service
3. Accommodate for future streets and easements through proper subdivision standards and policies
4. Cluster development should be considered whenever soils, topography, natural amenities warrant



Source: Envisioning Better Communities; 2010
by Randall Arendt



Graphic by MPC
Courtesy of the Lincoln/Lancaster
Planning Department
Original Plat by Olsson Associates



LDR - Low-Density Residential

General Purpose

Due to the mixture and blending of different residential uses and densities, the Hastings Future Land Use Plan recognizes this blending through a multi-level density approach. The Low Density Residential land use district includes both existing and new residential neighborhoods, including the Missing Middle concept.

Some areas within Hastings where this land use district is identified are ideal for infill development and redevelopment.

Compatible Uses

1. Residential single-family dwellings
2. Missing Middle residential development (such as cottage court, townhouses, duplex, tri-plex)
3. Accessory Dwelling Units (ADUs)
4. Residential care facilities
5. Public facilities (such as fire stations, public utility substations, community centers, etc.)
6. Religious and Educational uses and structures
7. Renewable Energy facilities, within performance standards

Incompatible Uses

1. Industrial uses
2. Large scale commercial. Small scale commercial, such as corner stores or bodegas, may be compatible

Issues

1. Off-site impacts - visual, noise odors, runoff
2. Traffic and site access
3. Natural amenities such as trees and waterways
4. Topography and drainage
5. Municipal water and sewer availability
6. Sidewalks and multi-modal accessibility

Special Policies

1. Densities should be up to seven dwelling units per acre with city water and sewer services
2. Missing middle dwelling units need to be designed to match the architectural context of neighborhood

MDR - Medium Density Residential

General Purpose

The Medium Density Residential land use district includes both existing and new residential neighborhoods with a mix of single-family, two-family, and multi-family dwellings on small to moderately-sized lots with supporting community facilities. It is intended to encourage creative development patterns and adaptive reuse of existing structures. Streets are paved with sidewalks, curb, and gutter.

Compatible Uses

1. Residential single-family dwellings
2. Missing Middle residential development (such as cottage court, townhouses, duplex, fourplex)
3. Accessory Dwelling Units (ADUs)
4. Residential care facilities
5. Small-scale mixed-use development
6. Public facilities (such as fire stations, public utility substations, community centers, etc.)
7. Religious and Educational uses and structures
8. Renewable Energy facilities, within performance standards

Incompatible Uses

1. Industrial uses
2. Commercial uses, except in small scale mixed use developments

Issues

1. Off-site impacts - visual, noise odors, runoff
2. Traffic and site access
3. Natural amenities such as trees and waterways
4. Topography and drainage
5. Municipal water and sewer availability
6. Sidewalks and multi-modal accessibility

Special Policies

1. Densities should range between seven and 15 dwelling units per acre
2. Density may be increased for small lot development





HDR - High Density Residential

General Purpose

The High Density Residential land use district includes both existing and new residential neighborhoods with multi-family residential development on moderate to large-sized lots with supporting community facilities. It is intended to encourage creative development patterns. Streets are paved with sidewalks, curb, and gutter. This land use type is ideally located near intersections of arterial streets to act as a buffer between more high intensity uses and lower density residential uses.

Compatible Uses

1. Missing Middle residential development (such as cottage court, townhouses, duplex, fourplex)
2. Multi-family residential development/apartment complexes
3. Residential care facilities
4. Large-scale mixed-use development
5. Public facilities (such as fire stations, public utility substations, community centers, etc.)
6. Religious and Educational uses and structures
7. Renewable Energy facilities, within performance standards

Incompatible Uses

1. Industrial uses
2. Commercial uses, except in large-scale mixed use developments

Issues

1. Off-site impacts - visual, noise odors, runoff
2. Traffic and site access
3. Natural amenities such as trees and waterways
4. Topography and drainage
5. Municipal water and sewer availability
6. Sidewalks and multi-modal accessibility

Special Policies

1. Densities should start at 15 or above dwelling units per acre

RVP - Residential Village Park

General Purpose

The Residential Village Park (“RVP”) land use district accommodates manufactured, modular, tiny homes, and mobile home parks. These are typically land-lease communities where residents rent a lot for owner-occupied homes. However, some areas may have fee simple legal lots of record. The RVP land use district is intended to protect this valuable source of affordable housing.

Compatible Uses

1. Manufactured Home Parks or communities
2. Individual HUD Code Manufactured Homes
3. Older mobile homes (pre-HUD Code) within parameters specified by the Legislature.
4. Tiny homes
5. Temporary parking of Recreational Vehicles
6. Uses accessory to a Manufactured Home Park including storm shelters and recreation facilities
7. Public facilities (such as fire stations, public utility substations, community centers, etc.)
8. Religious and Educational uses and structures
9. Renewable Energy facilities, within performance standards

Incompatible Uses

1. Industrial uses
2. Commercial retail and services uses, other than accessory to a Manufacture Home Park or community

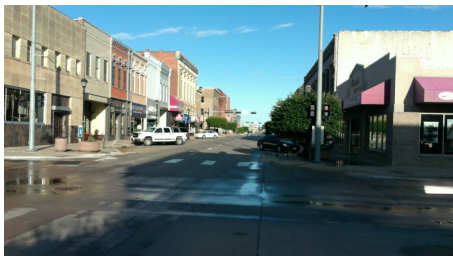
Issues

1. Off-site impacts - visual, noise odors, runoff
2. Traffic and site access, and parking
3. Municipal water availability and connections
4. Sewer system connections
5. Flood hazard areas
6. Sidewalks and multi-modal accessibility

Special Policies

1. Minimum lot size based upon adequate space for vehicular movement and parking
2. Developments of one acre or more may be required to meet the standards of NPDES permitting
3. Developments which create more than a 5% increase in runoff may be required to construct a detention basin to control runoff
4. Off-street parking should be provided





DC - Downtown Commercial

General Purpose

The Downtown Commercial land use district is focused on the traditional building pattern of Downtown Hastings as the community's original center for trade, service, and civic life. Structures in this area are typically built with brick or stone at the sidewalk line, with parking and storage limited to alleys. In addition, upper-story residential units provides flexible and affordable housing choices for Hastings residents.

Compatible Uses

1. Commercial retail and services uses
2. Accommodations and food/beverage services
3. Arts, entertainment, and recreation
4. Public art
5. Cottage industries
6. Multi-family residential development (such as upper-floor apartments over retail/services)
7. Mixed-use development
8. Public facilities (such as city hall, county courthouse, fire station, public utility substations, community centers, etc.)
9. Religious and Educational uses and structures
10. On-Site Renewable Energy facilities, within performance standards

Incompatible Uses

1. Ground level single-family residential development is discouraged unless there are unique circumstances
2. Drive-thru facilities and multiple driveways creating conflicts with pedestrians and on-street parking - banks require special design

Issues

1. Continuing to maximizing development potential downtown
2. Site drainage
3. Sidewalks and multi-modal accessibility

Special Policies

1. No minimum lot size recommended
2. New buildings should be constructed of substantial materials (such as brick or stone)
3. Exterior finishes should be reflective of general area of downtown district.
4. On-site parking should be minimized to encourage greater utilization of downtown lots and on-street parking
5. Design standards for infill or redevelopment, including historic preservation and activation of the public realm

GC - General Commercial

General Purpose

The General Commercial land use district provides for a variety of commercial uses, typically located along arterial and collector streets and roads. This designation includes the Hastings Theater District redevelopment project.

Compatible Uses

1. Commercial retail and services uses
2. Accommodations and food/beverage services
3. Arts, entertainment, and recreation
4. Auto service uses (such as auto sales or repairs)
5. Multi-family residential development
6. Mixed-use development
7. Public facilities (such as fire stations, public utility substations, community centers, etc.)
8. Religious and Educational uses and structures
9. Wireless telecommunication facilities
10. Renewable Energy facilities, within performance standards

Incompatible Uses

1. Single-family residential development, unless included in an overall mixed use concept

Issues

1. Off-site impacts—visual, noise odors, runoff
2. Traffic and site access, and parking
3. Municipal water availability and connections
4. Sewer system connections
5. Flood hazard areas
6. Natural amenities such as trees and waterways
7. Sidewalks and multi-modal accessibility

Special Policies

1. Effective minimum lot area should be based upon adequate space for vehicular movement and parking
2. Developments of one acre or more may be required to meet the standards of NPDES permitting
3. Developments which create more than a 5% increase in runoff may be required to construct a detention basin to control runoff
4. Screening should be provided between residential and commercial/industrial property
5. Landscaping should be provided along arterial and collector streets and roads, and in parking lots
6. Limit new access along arterial and collector streets



Courtesy: Perry Reid Properties





HC - Highway Commercial

General Purpose

The Highway Commercial land use district provides for a variety of commercial uses serving the motoring public, typically located along arterials.

Compatible Uses

1. Commercial retail and services uses
2. Accommodations and food/beverage services
3. Truck stops
4. General services for the highway traveler such as hotels
5. Arts, entertainment, and recreation
6. Auto service uses (such as auto sales or repairs)
7. Multi-family residential development
8. Mixed-use development
9. Public facilities (such as fire stations, public utility substations, community centers, etc.)
10. Religious and Educational uses and structures
11. Wireless telecommunication facilities
12. On-Site Renewable Energy facilities, within performance standards

Incompatible Uses

1. Single-family residential development

Issues

1. Off-site impacts—visual, noise odors, runoff
2. Traffic and site access, and parking
3. Municipal water availability and connections
4. Sewer system connections
5. Flood hazard areas
6. Natural amenities such as trees and waterways
7. Sidewalks and multi-modal accessibility

Special Policies

1. Effective minimum lot area should be based upon adequate space for vehicular movement and parking
2. Developments of one acre or more may be required to meet the standards of NPDES permitting
3. Developments which create more than a 5% increase in runoff may be required to construct a detention basin to control runoff.
4. Screening should be provided between residential and commercial/industrial property
5. Landscaping should be provided along arterial and collector streets and roads, and in parking lots
6. Limit new access along arterial streets and roads



HE - Hospital Environs Overlay

General Purpose

The HE - Hospital Environs land use district is intended to continue the promotion and expansion of Mary Lanning Hospital within Hastings.

Compatible Uses

1. Hospitals
2. Medical offices
3. Multi-family dwelling units
4. Commercial uses supporting the medical industry
5. Public facilities (such as road maintenance storage, fire stations, public utility substations, community centers, etc.)
6. Religious and educational uses and structures
7. Wireless telecommunication facilities
8. On-site renewable energy facilities, within performance standards

Issues

1. Off-site impacts—visual, noise odors, runoff
2. Traffic and site access, and parking
3. Groundwater / Municipal water availability and connections
4. Sewer system connections
5. Flood hazard areas
6. Natural amenities such as trees, and waterways

Special Policies

1. Effective minimum lot area should be based upon adequate space for vehicular movement and parking
2. Developments of one acre or more may be required to meet the standards of NPDES permitting
3. Developments which create more than a 5% increase in runoff may be required to construct a detention basin to control runoff
4. Screening should be provided between residential property
5. Landscaping should be provided to limit impacts on surrounding neighborhood





F - Flex

General Purpose

The Flex land use district is intended to accommodate a flexible blend of commercial and industrial uses. These areas are typically located along arterial highway corridors such as US 6/34 or US 281 Bypass.

Compatible Uses

1. Commercial retail and services uses
2. Accommodations and food/beverage services
3. Light manufacturing and warehousing, inside a structure
4. Commercial grain storage and agricultural services, when off-site impacts and hazards are mitigated
5. Auto service uses (such as auto sales or repairs)
6. Public facilities (such as road maintenance storage, fire stations, public utility substations, community centers, etc.)
7. Wireless telecommunication facilities
8. Oil and gas production and services
9. On-site renewable energy facilities, within performance standards

Incompatible Uses

1. Residential development, other than caretaker/watchman quarters

Issues

1. Off-site impacts - visual, noise odors, runoff
2. Traffic and site access, and parking
3. Groundwater / Municipal water availability and connections
4. Sewer system connections
5. Flood hazard areas
6. Natural amenities such as trees, and waterways

Special Policies

1. Effective minimum lot area should be based upon adequate space for vehicular movement and parking
2. Developments of one acre or more may be required to meet the standards of NPDES permitting
3. Developments which create more than a 5% increase in runoff may be required to construct a detention basin to control runoff
4. Screening should be provided between residential and commercial/industrial property
5. Landscaping should be provided along arterial and collector streets and roads, and in parking lots
6. Limit new access along arterial streets and roads

I - Industrial

General Purpose

The Industrial land use district is intended to provide for manufacturing and warehousing uses. These uses typically require larger tracts of ground and have multiple buildings on a site. Location of industrial uses needs to be sensitive to other uses, in particular to residential areas, which may require screening and mitigation of impacts.

Compatible Uses

1. Manufacturing (indoors and outdoors)
2. Warehousing, outdoor storage, and self-storage
3. Data centers
4. Commercial grain storage and agricultural services
5. Farm machinery and vehicle sales and service
6. Auto and large vehicle service uses (such as auto sales or repairs)
7. Accessory retail use of products manufactured on-site
8. Off-site commercial advertising (billboards)
9. Public facilities (such as road maintenance storage, fire stations, public utility substations, community centers, etc.)
10. Wireless telecommunication facilities
11. Renewable energy facilities, within performance standards

Incompatible Uses

1. Residential development, other than caretaker/watchman quarters

Issues

1. Off-site impacts—visual, noise, odors, runoff
2. Traffic, especially truck traffic, and site access, and parking
3. Groundwater / Municipal water/wastewater system availability
4. Topography
5. Flood hazard areas
6. Off-site commercial advertising (billboards) may lead to blight conditions

Special Policies

1. Effective minimum lot sizes based upon adequate space for vehicular movement, parking, and drainage
2. Developments of one acre or more may be required to meet the standards of NPDES permitting
3. Developments which create more than a 5% increase in runoff may be required to construct a detention basin to control runoff
4. Outdoor storage should be protected by security fencing, and may require a solid visual buffer
5. Data centers need to be located near power supply





P/I - Public/Institutional

General Purpose

The Public/Institutional land use district provides for public and institutional facilities. These facilities are also located throughout the community in other land use districts.

Compatible Uses

1. City and County buildings and facilities
2. State and Federal buildings and facilities.
3. Non-profit buildings and facilities
4. Renewable Energy facilities, within performance standards

Incompatible Uses

1. Livestock operations

Issues

1. Traffic and site access, and parking
2. Flood hazard areas
3. Sidewalks and multi-modal accessibility

Special Policies

1. Public and non-profit land holdings may have long-term impacts on property tax revenues
2. Limit new access along arterial streets and roads



P/R - Parks and Recreation

General Purpose

The Parks and Recreation land use district provides for parks and recreation sites. Parks should also be provided in all areas with new residential neighborhoods.

Compatible Uses

1. Local and County parks and recreation areas
2. Golf courses and accessory uses
3. Non-profit conservation lands

Incompatible Uses

1. Industrial development
2. Livestock operations which cannot mitigate impacts

Issues

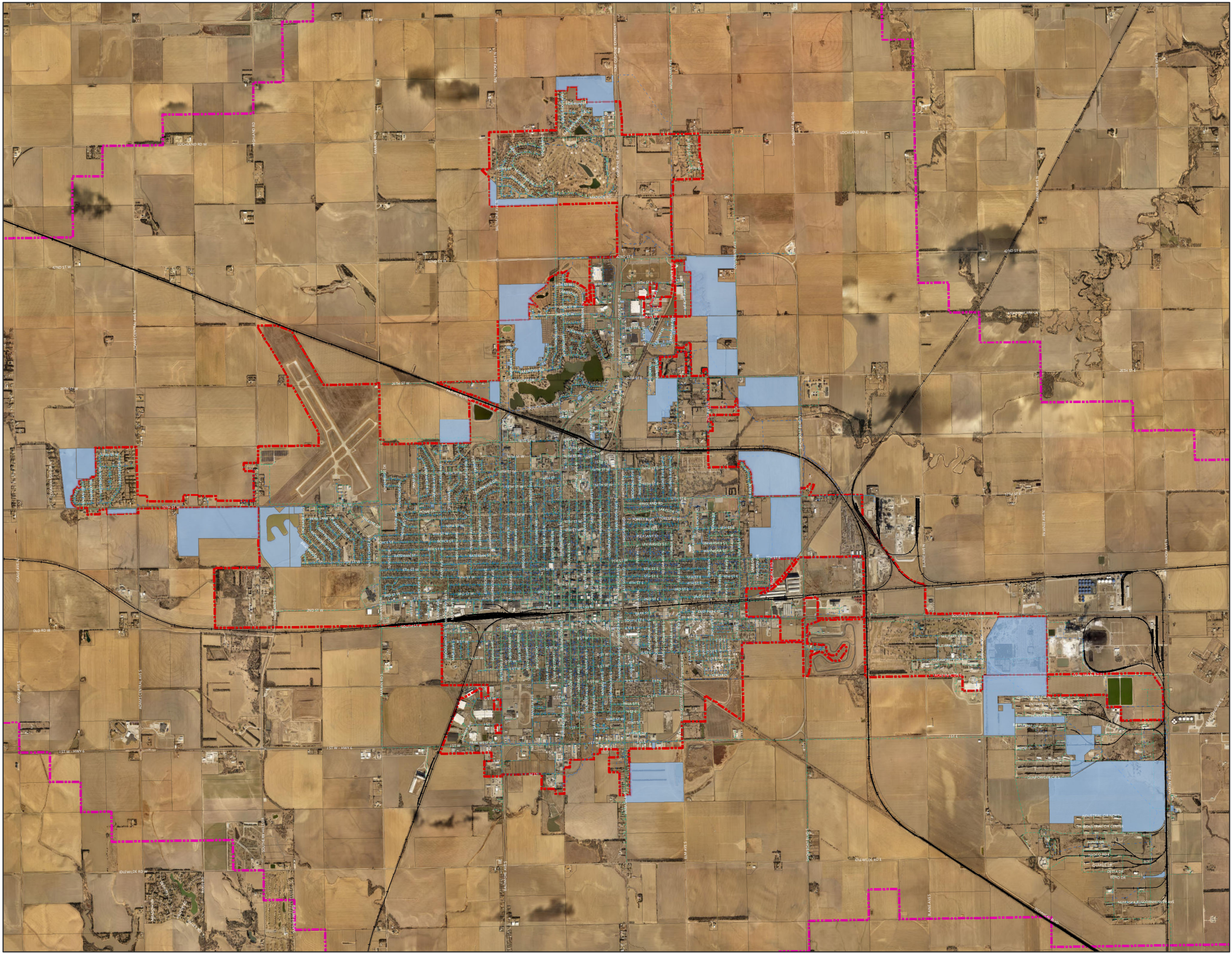
1. Natural amenities such as trees, and waterways
2. Sidewalks and multi-modal accessibility

Special Policies

1. For major regional recreation facilities, new access along arterial streets and roads should be limited

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HASTINGS, NEBRASKA
COMPREHENSIVE PLAN
FIGURE 12.1: READY TO
BUILD PARCELS
VACANT LAND WITH SEWER AND
WATER LINE ACCESS



LEGEND

 Ready to Build Parcels

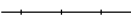
Sewer Line

 Sewer Line

Water Line

 Water Line

 Parcels

 Railroad

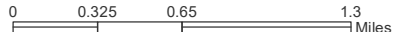
 Hastings 2-Mile ETJ (Current)

 City Limits


N


MPC
MARVIN PLANNING CONSULTANTS
Specializing in Municipal, County and Neighborhood Planning

PROJECTION: NE State Plane (Ft.)
DATUM: NAD 83
DATE: 3.19.24


0 0.325 0.65 1.3
Miles

HASTINGS, NEBRASKA
COMPREHENSIVE PLAN

FIGURE 12.2: EXISTING LAND
USE

LEGEND

- Railroad
- Parcels
- Juniata 1-Mile ETJ
- Hastings 2-Mile ETJ (Current)
- City Limits

Use

- Residential Estates
- Single-Family Residential
- Multi-Family Residential
- Manufactured Housing
- Commercial
- Industrial
- Quasi-Public/Public
- Parks/Recreation
- Vacant/Agriculture
- Transportation/ROW
- Lake/Water



PROJECTION: NE State Plane (Ft.)
DATUM: NAD 83
DATE: 9.12.23

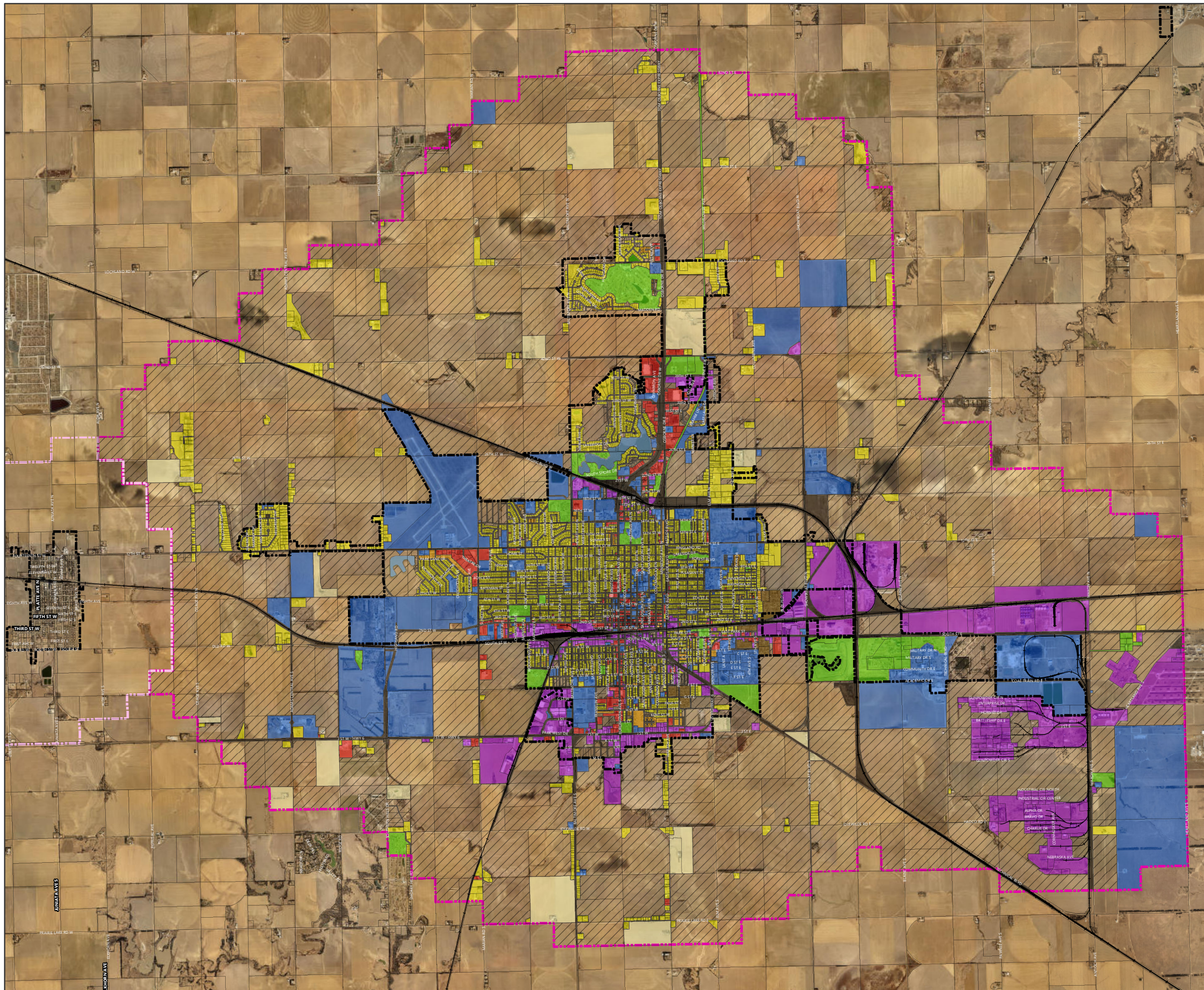
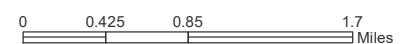
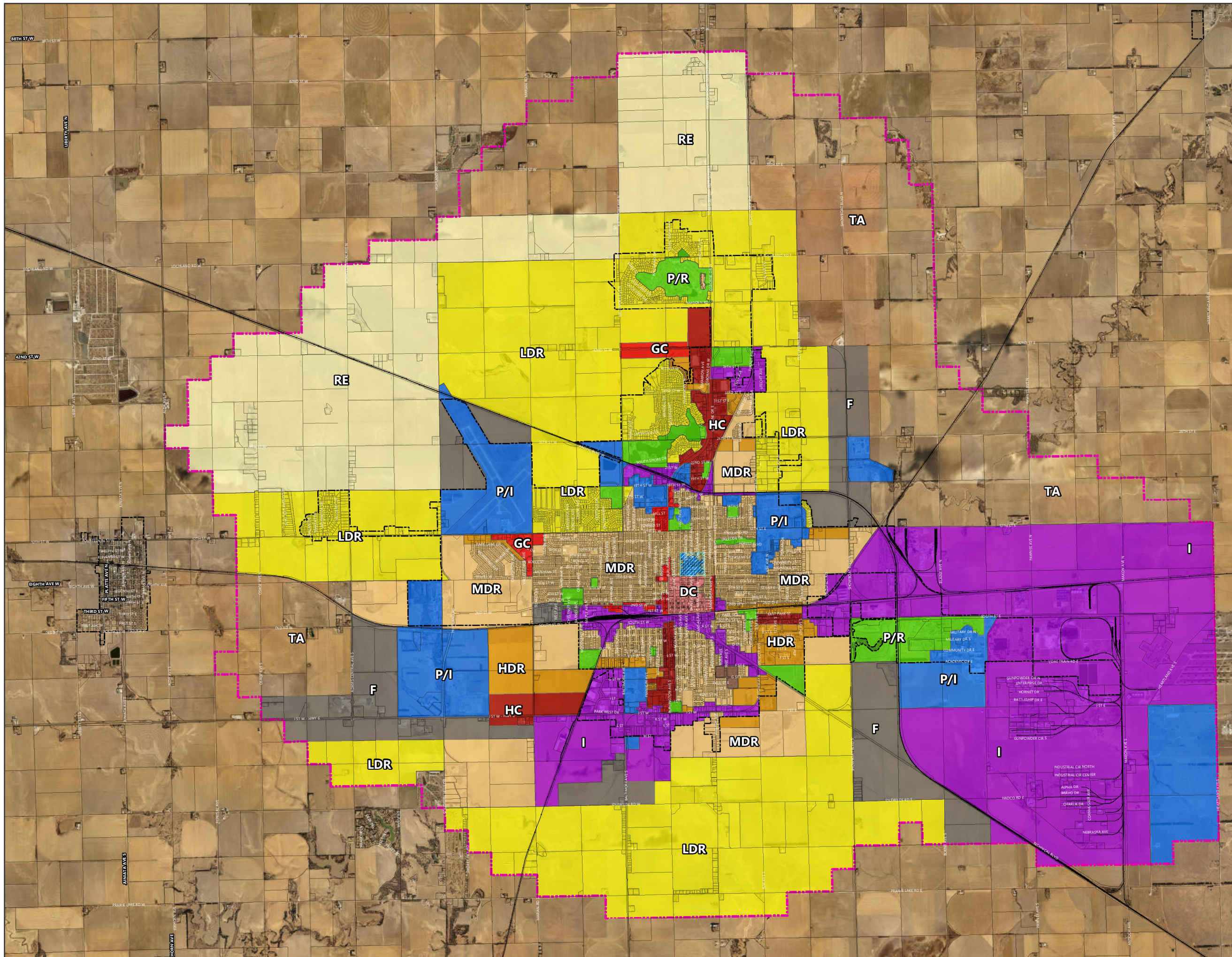


FIGURE 12.3: FUTURE LAND
USE



LEGEND

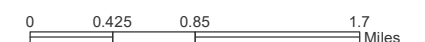
- Railroad
- Parcels
- Hastings 2-Mile ETJ (Current)
- City Limits
- Hospital Environs Overlay (HEO)
- Commercial Corridor (CC)

Land Use District

- Transitional Agriculture (TA)
- Residential Estates (RE)
- Low Residential (LDR)
- Medium Density Residential (MDR)
- High Density Residential (HDR)
- Residential Village Park (RVP)
- Downtown Commercial (DC)
- General Commercial (GC)
- Highway Commercial (HC)
- Industrial (I)
- Flex (F)
- Public/Institutional (P/I)
- Parks/Recreation (P/R)



PROJECTION: NE State Plane (Ft.)
DATUM: NAD 83
DATE: 7.11.24



Community Character

Every community has a unique character distinguishing a specific place from every other place. Character encompasses many aspects of the community, from the street grid, lots and blocks, to the brick storefronts downtown and homes in tree-lined neighborhoods, to the extensive prairie stretching from the city into the countryside.

Community character includes a combination of physical and psychological experiences. Residents and visitors learn to "read" a place based on formal and informal clues.

Community Entrances

There is only one chance to make a first impression on visitors, and potential new residents and employers. Community entrances are a statement welcoming new and returning people to town. A well-designed monument sign conveys a message more than mere words. Entrance signs should reinforce the community brand with curbside appeal. Landscaping improves this appeal.

Wayfinding

Wayfinding refers to how people find their way around the community. Appropriate signage helps people walk and/or drive to specific locations in the community. Wayfinding would more easily direct visitors to downtown, public facilities, and city parks.

A unified wayfinding system does not need to be elaborate, but it does need to easily convey a message as well as be legible to drivers as well as pedestrians.

Signage

Signs are an important form of communication. Sign control - or the lack of sign control - can have a significant impact on the community's appearance and economic competitiveness.

The image of a community is fundamentally important to its economic vitality and the signs along a community's streets can greatly affect the image of a place. Sign clutter is ugly, costly, and ineffective; "When everyone shouts, no one can be heard."

Commercial signage on the street and building front helps people get where they need to go. A good sign code is pro-business because an attractive business district will always attract more customers than an ugly one. Signs can be well designed at a human scale, or they can create visual clutter and distracted driving as pedestrians and motorists search for their

destination.

On city streets, ground-mounted monument signs are an effective form of commercial signage. They can also be designed to fit into the overall architectural character of a specific building or development.

Landscaping

Landscaping is critical to creating a positive community character. It also filters drainages (such as bio-swales) and provides buffers; Landscaping makes a particular impression in areas such as:

- Along streets, especially major thoroughfares;
- Along parking barriers;
- Near commercial and public buildings, and;
- In public spaces

Landscaping should include a variety of organic and hardscape materials, appropriate to Hastings'



Photo 12.1: Landscaping and signage in Downtown Hastings
Source: Marvin Planning Consultants

environment. These may include:

- Xeriscaping
- Grass and ground cover;
- Shrubs and trees, and;
- Street furniture

Street trees, for example, not only improve the appearance of the community, but also provide erosion control and drainage as well as breaking up large expanses of concrete and asphalt.

As new development and re-development occurs in Hastings, the City should work closely with developers and property owners to ensure there is appropriate landscaping installed and maintained to improve the appearance of the community.



Photo 12.2: Street tree in Downtown Hastings
Source: Marvin Planning Consultants



Photo 12.3: Landscaping in Downtown Hastings
Source: Marvin Planning Consultants

Goals and Actions

Goal 12.1: Future growth and development has adequate land available while avoiding land use conflicts.

Actions

12.1.1: Regularly review and update land use regulations (zoning and subdivision ordinances).

12.1.2: Developers are prepared to pay the cost of necessary and required on-site and off-site improvement.

12.1.3: Continue to post planning and zoning requirements and other development information on the City of Hastings website.

Goal 12.2: The City promotes responsible development.

Actions

12.2.1: Work with developers and property owners to identify areas with infrastructure capacity, including electricity, gas, water and sewer, and streets.

12.2.2: Aid development or redevelopment through Tax Increment Financing ("TIF") where appropriate.

12.2.3: New development should be contiguous to existing developed areas and avoid "leapfrog" patterns inefficient for public services.

Goal 12.3: There is adequate and available land for a variety of new residential building types.

Actions

12.3.1: Revise zoning code to accommodate mixed-use development.

12.3.2: Encourage development of "Missing Middle" housing types across the community.

12.3.3: Continue to encourage upper-level residential units downtown.

12.3.4: Encourage mixed-use projects, where appropriate, citywide by creating practical, appropriate zoning district regulations.

12.3.4: Work toward higher density development within the established parts of the city and along major transportation corridors.

Goal 12.4: Residential development is protected from conflicting land uses.

Actions

12.4.1: Ensure residential development is separated from more intensive uses by appropriate siting of uses, adequate setbacks, visual and landscape buffers, or impact easements.

12.4.2: Work with property owners to clean up deteriorated and dilapidated properties.

Goal 12.5: Employers have adequate land available for new development.

Actions

12.5.1 Facilitate the construction of infrastructure for commercial and industrial development.

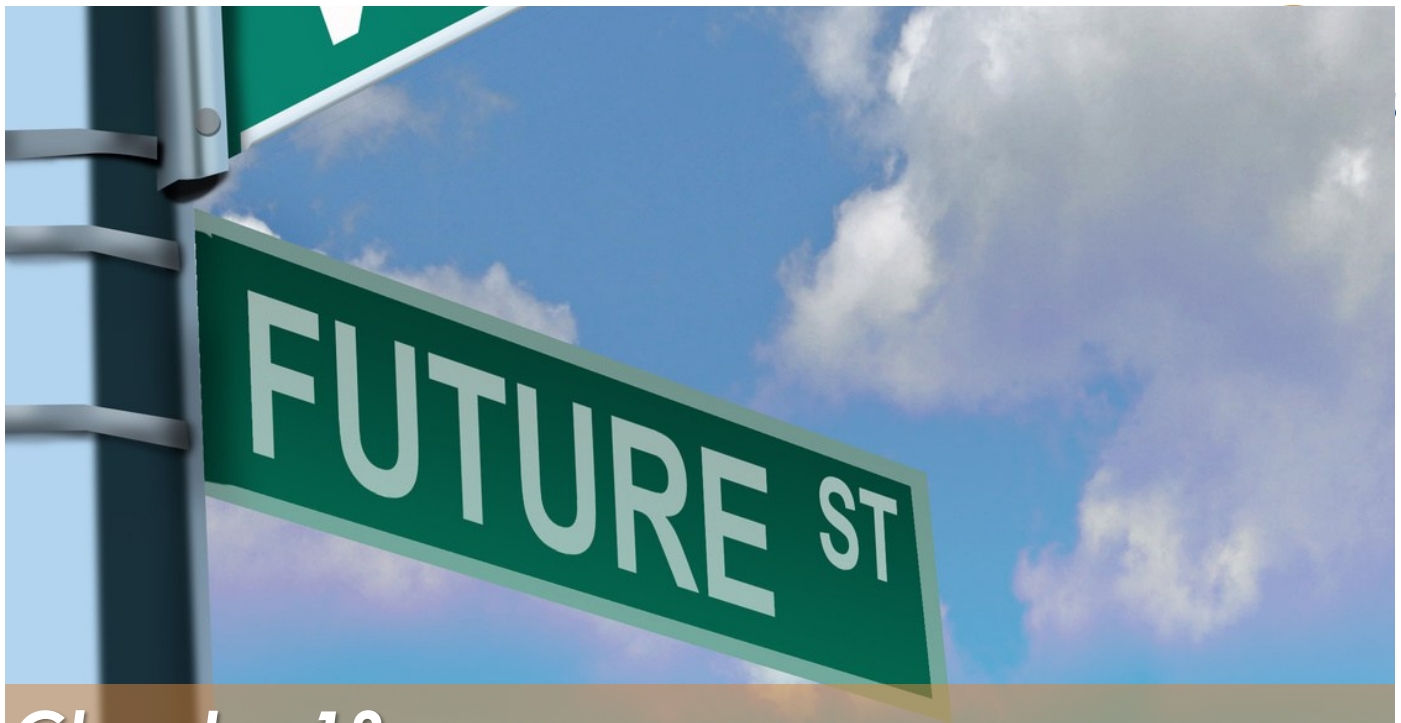
12.5.2: Work with the Hastings Economic Development Corporation to plan for future industrial parks and commercial development areas, as needed.

Goal 12.6: Hastings is a visually appealing community.

Actions

12.6.1: Facilitate continued improvements in signage and wayfinding, including landscaping of commercial property.

12.6.2: Improve Hastings's entryways to make the best impression of the community.



Chapter 13 Annexation

Annexation

As cities grow in population, employment, and services, the municipal limits will need to expand to provide infrastructure to new development.

Annexation Element

This section is intended to meet the requirements in Neb. Rev. Stat. §19-903(5)(a) that the Comprehensive Plan include: "an identification of sanitary and improvement districts, subdivisions, industrial tracts, commercial tracts, and other discrete developed areas which are or in the future may be appropriate subjects for annexation and (b) a general review of the standards and qualifications that should be met to enable the municipality to undertake annexation of such areas."

Annexation Process

The State of Nebraska has established a process for municipalities to extend their

corporate limits into contiguous areas, provided the criteria for such action is justified. An important consideration of annexation is the property in question may not be further than 500 feet from the corporate limits of the municipality in order to be considered adjacent and contiguous.

There are two methods for annexing land into the corporate limits:

- Voluntary - Land requested to be annexed by the property owner(s), or;
- Involuntary - Any contiguous or adjacent lands, lots, tracts, streets, or highways which are urban or suburban in character and annexation is initiated by the municipality

To ensure that annexation of land into the City of Hastings is done consistently to promote appropriate community and economic development growth, the following Annexation Policy has been created.

City of Hastings Annexation Policy

Annexation of land adjacent to the City limits is important and necessary to the future growth and health of Hastings. Developers and landowners routinely ask to be voluntarily annexed into the City as part of the regular development process. This allows these properties to be supplied with City services as they are needed, and the City benefits from property taxes, utilities, and other fees that City residents and businesses pay, as well as the overall comprehensive growth of the community.

Policy: The City will encourage annexation of land adjacent to the City limits, as it prepares to be developed.

Some property owners at the edge of the City may not want to develop in the foreseeable future, nor want to be within Hastings City limits. However, in certain circumstances, it makes sense for the City to initiate annexation of adjacent land that is already developed and requires minimal public investment to provide public infrastructure and services.

Policy: The City may initiate annexation of adjacent land for the following reasons:

- Equity for taxpayers. Properties at the edge of the City limits benefit from many of the City's services, including streets, parks, trails,

the library, snow removal on nearby streets, some or all public utilities, and in some cases emergency services, without paying City taxes and fees. Annexation balances providing appropriate and reliable services with the "fair share" payment for those services.

- Clarity of service areas for maintenance of roads and providing emergency services.
- Allowing Hastings to continually grow in an efficient and orderly manner.
- The City of Hastings will require that properties receiving public infrastructure be located within the City limits, as allowed for by State Statute. Annexation should occur before any property is provided with water or sanitary sewer.
- Annexation must occur before a property receives an urban zoning designation or is prepared for development.

The character of existing residential areas should be respected as much as possible during the annexation process. When low-density residential areas are proposed for annexation due to the City's annexation policy, additional steps should be taken to ease the transition as much as possible. In general, many aspects of the low-density residential areas may remain unchanged, such as zoning or covenants. However, any annexation of existing land will result in some costs to the property owners.

Additionally, the City-initiated annexation process should take

additional steps to inform those proposed to be annexed, including City-hosted public meetings, advanced notice, and written explanations of potential changes as a result of the annexation.



Chapter 14

Transportation

Transportation

Transportation is a prime determinant of land use. The City, County, and State transportation network, combined with railroads, defines access to land and much of its potential for development. Land Use and transportation create the pattern for future development.

This section is intended to meet the requirements for a transportation element in Neb. Rev. Stat. §19-903(2): "The general location, character, and extent of existing and proposed major roads, streets, and highways, and air and other transportation routes and facilities".

Streets and Roads

The city's primary road network includes State highways, county roads, city streets, and adjacent county roads. Maintenance and construction of the road network is a cooperative effort.

Functional Classification

The street and road network is classified by function:

- Expressway - major roadway for state or regional access
- Arterial - major road with high volumes of traffic, primarily connecting places to each other
- Collector - street with less traffic, connecting local traffic to arterial roads
- Local - street with low traffic volumes and slow design speeds, primarily uses for direct access to property

These streets can be seen in Figure 14.1, courtesy of the Nebraska Department of Transportation.

One and Six Year Plans

The City Street Superintendent develops the One and Six-Year Road Plan for the city, which is adopted by the City Council. The current plan, as of 2025, listed six projects in progress or having been completed in 2024.

These projects were as follows:

- M Street Paving District - Baltimore Avenue to 815 feet east, and;
- Resurfacing/repair projects

These activities represented City expenditures for the 2023-2024 fiscal year, totaling \$1,264,899.

Activities planned for 2025-2030 include arterial and residential street improvements, pursuit of grant funding for pedestrian improvements, and moving forward with the Quiet Zone projects. Construction for all seven Quiet Zone crossings is expected in 2026.

Source: cityofhastings.org

NDOT

Hastings is located in the Nebraska Department of Transportation ("NDOT") District Four, headquartered in Kenesaw. NDOT's Surface Transportation Program Book for 2024-2029 (the "five-year plan") includes six projects in the Hastings region, to

be completed between 2024 and 2029. These include:

- Resurfacing and bridge maintenance from Kearney/Adams County line east (\$14,075,000);
- Bridge maintenance on the Hastings Regional Center Spur Bridge (\$7,468,000);
- Resurfacing and bridge maintenance on the Kenesaw Spur east and west (\$6,974,000);
- Resurfacing and bridge maintenance in west Hastings (\$8,209,000);
- Resurfacing in east Hastings (\$1,872,000);
- Resurfacing US Highway 34 in Hastings (\$1,808,000)

The Program Book includes a capital improvement project for Southeast Hastings, a 3-Lane Urban project, which will cost an estimated \$35,902.

Source: Nebraska Department of Transportation

Transit

RYDE Transit

Reach Your Destination Easily, or RYDE, Transit operates buses in Buffalo, Adams, Dawson, Franklin, Hamilton, Kearney, and Gosper counties and in the City of Ravenna. RYDE provides public transportation to medical appointments, shopping areas, congregate dinners, and social activities. All 12-passenger buses are lift equipped.

RYDE is operated by the Community Action Partnership of Mid-Nebraska based out of Kearney.

(Note: text modified from website.)

Source: communityactionmidne.com

Multi-Modal

Multi-modal transportation planning creates communities where it is possible to get around by walking, bicycling, and public transportation. Many State and county highways are designed to favor high-speed motorized traffic, without consideration of those on foot or on a bicycle.

For young people and older residents, building streets for multiple modes of transportation becomes all the more important. Young people need to be able to go places without relying on drivers. As well, many older people may prefer not to drive, or may become unable to drive. Trail development is also becoming an economic development attraction as young families consider options for where to live. The National Association of Realtors has reported on recent studies which show living near trails and greenways will likely raise property value an average of 3-5% and sometimes even as high as 15%.

Community Trails

Multi-user trails are becoming a popular piece of infrastructure for everyday transportation as well as exercise and recreation. As noted in Chapter Six, the Pioneer Spirit Hike/Bike Trail is the city's only community-wide trail. The trail provides a route between Libs Park, Heartwell Park, Lake Hastings, Hastings College, and the Downtown Central Business District. Expansion of the trail was identified in the Hastings Walkability and Connectivity Study, completed in 2022. Trail expansion will be funded by Federal Funds and local match.

Source: cityofhastings.org

Accessibility

The Americans with Disabilities Act ("ADA") was signed by President George H.W. Bush in 1990. The ADA is intended to make sure people with disabilities have the same rights and opportunities as everyone else.

The NDOT Roadway Design Manual (May 2022) provides guidance for design of pedestrian and bicycle facilities in conformance with ADA. This includes having a transition plan when structural modifications are required to provide accessibility, including curb ramps.

Sidewalks on rights-of-way and bridges must be at least four-feet wide, provided there are larger passing spaces every 200 feet (driveways may be considered as passing spaces). A shared-use path must be a minimum 10 feet wide, with 11-14 feet preferred in certain situations.

Walkability and Connectivity Study

Written to examine the current state of pedestrian access in the city, this study provided Hastings with a four part plan for addressing walkability and connectivity issues. The study provided the city with:

- A profile of current walkability issues;
- Community input on issues;
- An identification of where the city can improve, and;
- How to implement said improvements

The proposed projects which emerged from this study were trail expansions, improved connections between amenities and schools, and improved ADA access across the city.

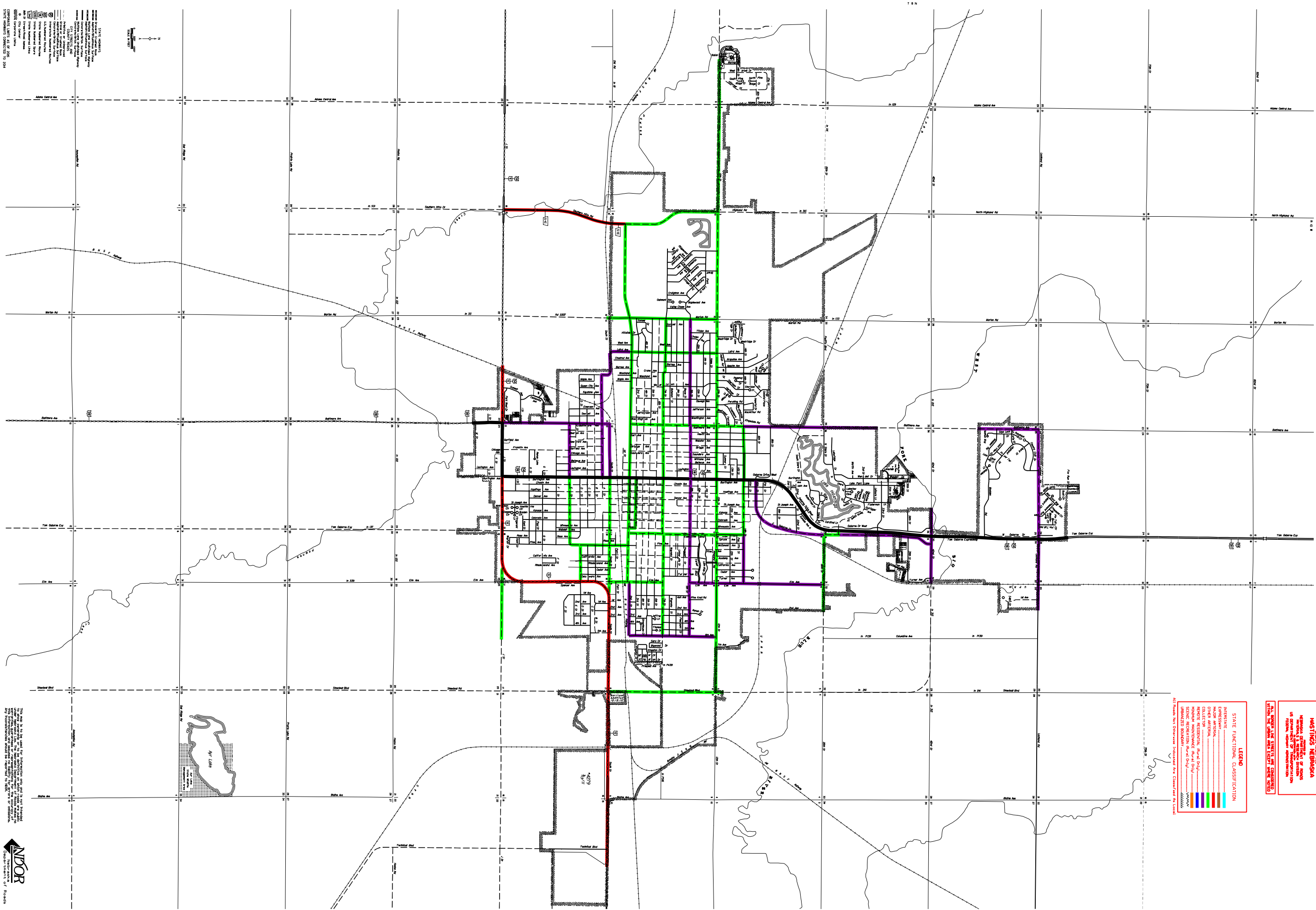
Source: Hastings Walkability and Connectivity Study

HASTINGS
ADAMS COUNTY
NEBRASKA
POPULATION 25,224
2015

Legend
HASTINGS, NEBRASKA
NEBRASKA
ADAMS COUNTY
POPULATION 25,224
2015

STATE FUNCTIONAL CLASSIFICATION
INTERSTATE
HIGHWAY
COLLECTOR
MAINTENANCE ROAD ONLY
SCenic RECREATION ROAD ONLY
UNPAVED ROAD ONLY

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STATE OF NEBRASKA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
HASTINGS, NEBRASKA
POPULATION 25,224
2015



Railroads

Hastings was founded because of the railroad, and still benefits from its presence today. The Burlington Northern Santa Fe ("BNSF") line runs through the central portion of the city, with the historic train station still being used today as an Amtrak station. The Union Pacific line runs west to east through the northern portion of the city.

The City of Hastings has worked to complete "quiet zone" projects along the BNSF railroad. Quiet zones reduce the frequency of the horns coming from the railroad, improving the quality of life for the residents and those conducting business near the at-grade crossings. Quiet zones are a series of at-grade crossings where improvements have been made to the roadway, crossing gates or other options making it possible for the train to pass without sounding its horn. The Hastings Ave and Pine Ave crossings were completed in November of 2023. Five other crossings at Lincoln, Denver, California, Elm, and Colorado avenues will be completed in the future.

(Note: Text modified slightly from website.)

Sources: ksnblocal4.com/2023/11/18/quiet-crossings-project-hits-milestone-hastings/; cityofhastings.org;

also features a pilot lounge and meeting room.

(Note: modified slightly from website.)

Source: cityofhastings.org

Regional Air Travel

The Central Nebraska Regional Airport ("KGRI") is a major aviation facility located in Grand Island. This facility is owned by the Hall County Airport Authority and maintains four runways that service an average of 69 aircraft per day.

Air Travel

Hastings Municipal Airport

The Hastings Municipal Airport ("KHSI") is located at 3300 W 12th St within the city limits of Hastings. The site is owned and operated by the City with fixed base operator ("FBO") services provided by Hastings Air. The FBO building offers a renovated pilot lounge, conference room, and crew car. The Terminal Building



Photo 14.1: BNSF Railroad, downtown Hastings
Source: Marvin Planning Consultants

Goals and Actions

Goal 14.1: The city's street network continues to meet the needs of local users and those passing through the city.

Actions

14.1.1: Annually review the City's One- and Six-Year Plan for conformance with the Comprehensive Plan.

14.1.4: Continue to work with Nebraska DOT on improving State roads and highways.

14.1.5: As the industry evolves, review zoning requirements for EV charging stations.

Goal 14.1: The city's street network continues to meet the needs of local users and those passing through the city.

Actions

14.2.1: Support recommendations identified in the Transportation and Parking Master Plan.

14.2.2: Support proposed projects identified in the Walkability and Connectivity Study.

14.2.3: Support Reach Your Destination Easily ("RYDE").

14.2.4: Develop strategies or programs to maintain, replace, and install sidewalks throughout the city.

14.2.5: Complete ADA improvements to sidewalks throughout the city.

Goal 14.3: Land use conflicts are avoided along the railroad corridor.

Actions

14.3.1: Buffer residential development along all railroad rights-of-way.

14.3.2: Work with Adams County and BNSF/UPRR to improve crossing safety in the city and ETJ.

Goal 14.4: The City's airport is maintained and improved to meet current and future needs.

Actions

14.4.1: Coordinate development review in the vicinity of the Airport with Adams County and the Airport Advisory Board.



Chapter 15 Implementation

Implementation

Successful community plans have the same key ingredients: "2% inspiration and 98% perspiration." This section of the plan contains the inspiration of the many city officials and residents who have participated in the planning process. However, the ultimate success of this plan remains in the dedication offered by each and every resident.

There are numerous goals and action items in this plan. These items should inform annual workplans and budget-setting to assure progress continues to bring the plan to life.

Action Plan

The Comprehensive Plan is not intended to sit on a shelf. The plan is intended to be put into action. Goals and action items specific to each plan element are included in the relevant chapter.

Evaluation of Development Proposals

Development proposal applications should be carefully reviewed against the goals and policies of the Comprehensive Plan as well as the specific requirements of the development regulations. This plan is not regulatory; however, the underlying regulations are based on compatibility with this plan. Each development application should address how the specific proposal meets the goals of the comprehensive plan.

In cases in which a proposal is not clearly supported by the plan, the developer should be encouraged to improve the project to meet the community's goals. On the other hand, approval of a proposal not in conformance with the comprehensive plan would point to the need to review and update the plan to better serve the citizens of Hastings.

Implementation Action Items

This plan recommends several implementable action items which can be undertaken immediately. These include:

- Zoning Regulations;
- Subdivision Regulations;
- Floodplain Regulations & Mapping;
- Capital Improvement Program, and;
- Plan Maintenance

The City Council will have a critical role in implementation of this plan through the annual budgeting process. Elected officials, staff, and volunteers take the primary role in implementation of the comprehensive plan.

Other action items are referenced in support of activities by other entities which support implementation of this plan.

Future Planning Efforts

Two studies completed recently, the Transportation and Parking Master Plan ("TPMP") and Walkability and Connectivity Study, identified future planning efforts the City should consider alongside implementation of the Comprehensive Plan.

Transportation and Parking Master Plan

TPMP is a strategic plan written to guide city-wide transportation and parking policy and investments. The TPMP defined the City's transportation vision and addressed mobility challenges. The TPMP also identified future planning studies the city should undertake, including:

- A Downtown Pedestrian Mall Study;
- A Railroad Viaduct Study;
- A Hastings Local Transit Feasibility Study, and;
- A Network Connectivity Study

See the TPMP for further information on conducting these studies.

Universal Mobility Study

The Universal Mobility Study was written to identify existing barriers to mobility in Hastings. Barriers to universal mobility are defined as physical impediments that prevent individuals from accessing public places and hinder the ability to move from place to place within the City. The Study was written to augment the Walkability and Connectivity Study also completed in 2019. The Study identified future planning studies the city should undertake, including:

- A Central Hastings Core Street Plan;

- A Public Buildings and Spaces Transition Plan;
- Design Standard Development;
- Sidewalk and Parking Enforcement, and;
- ADA/Van Accessible Parking

See the Universal Mobility Study for more information on these studies.

Funding Sources for Future Planning Efforts

Funding sources for the projects outlined above, the Housing Affordability Plan, and the Comprehensive Plan, include the following:

- America Rescue Plan;
- Rural Workforce Housing Fund;
- Community Development Assistance Act;
- General Obligation Bond;
- Land and Water Conservation Fund;
- Transportation Alternatives Program;
- Charitable foundations such as the Hastings Community Foundation;
- Recreational Trails Program;
- Special Assessment Districts;
- Little Blue Natural Resources District's Urban Conservation Program
- Local Option Sales Tax;
- Tax Increment Financing;
- Community Development Block Grant;
- Civic and Community Center Financing Fund, and;
- The USDA Rural Development grants

Comprehensive Plan Maintenance

Annual Review of the Plan

A relevant, up to date plan is critical to the on-going planning success. To maintain both public

and private sector confidence; evaluate the effectiveness of planning activities; and, most importantly, make mid-plan corrections on the use of city resources, the plan must remain current. The annual review should be performed each January to begin the calendar year. This review should result in a report from the Planning Commission and Staff to the City Council and the citizens of Hastings.

Unanticipated Opportunities

If any innovative development and/or redevelopment opportunities arise which impact any elements of the plan and which are determined to be of importance, a plan amendment may be proposed and considered separate from the Annual Review and other proposed Comprehensive Plan amendments.

The Comprehensive Plan amendment process should adhere to the adoption process specified by Nebraska law and provide for the organized participation and involvement of citizens.

Five Year Review

As discussed in the Introduction, the comprehensive plan is a 20-year plan. However, the Planning Commission should review the plan annually and update the document at least every five years (2030), or when major, unanticipated opportunity arises. Completing updates every five years or so will allow the City to incorporate ideas and developments not known at the time of this planning process.

Appendix A - Survey Results

Survey Results

#1: How long have you lived in Hastings?

- Less than 1 year: 1.40%
- 1 to 5 years: 4.20%
- 6 to 10 years: 7.88%
- 11 to 15 years: 7.53%
- 16 to 20 years: 11.03%
- 21 to 30 years: 16.99%
- 31 years to 40 years: 15.94%
- 41 years to 50 years: 10.86%
- 50+ years: 19.96%
- I don't live in Hastings: 4.20%

#2: Please tell us your age range.

- Under 18 years: 0.00%
- 18 to 19 years: 0.35%
- 20 to 24 years: 1.58%
- 25 to 29 years: 4.38%
- 30 to 34 years: 8.41%
- 35 to 39 years: 11.91%
- 40 to 44 years: 8.93%
- 45 to 54 years: 18.91%
- 55 to 64 years: 22.24%
- 65 to 74 years: 16.64%
- 75 to 84 years: 6.65%
- 85 and over: 0.00%

#3: Please tell us how many children you have.

- 0: 14.71%
- 1: 14.36%
- 2: 34.15%
- 3: 23.29%
- 4: 9.81%
- 5+: 3.68%

#4: What age/grade level are your children?

- Daycare/Preschool: 9.62%
- K-5: 14.23%
- 6-8: 5.96%
- 9-12: 8.08%
- College: 6.92%
- Grown (adult): 55.19%

#5: My children live:

- At home: 41.01%
- At school/College: 4.45%
- Grown - Living in Hastings: 14.51%
- Grown - Living in Nebraska: 26.89%
- Grown - Living out-of-state: 13.15%

#6: Education choice for my children:

- Public: 73.21%
- Private: 14.15%
- At home: 1.70%
- N/A: 8.11%
- Other (please specify): 2.83%; comments below
- Some of each
- Went to private but support public as retired public school teacher
- Christian
- Public but going private next year
- Highs [sic] school public [sic]
- AC only! HPS sucks [sic]!
- Adams Central (HPS is awful)
- No Children
- They were homeschooled and public schooled
- Parochial grade school and public after."
- 2 graduated private and 1 graduated public
- private school through 6th grade/ 7th + at HPS
- 1st 12 years for them were public. 1 attended Hastings College, 1 attended UNL, 1 attended a Fla college
- If I had children, parochial Lutheran school
- Both private & public

#7: Employment:

- Employed Full-Time: 61.05%
- Employed Part-Time: 6.49%
- Self-Employed: 10.88%
- Home Maker: 2.63%
- Unemployed: 0.70%
- Retired: 23.68%

#8: Which of the following industries is your primary income? The following are based upon US Census categories.

- Agriculture, forestry, fishing, hunting, and mining: 4.56%
- Construction: 3.68%
- Manufacturing: 4.74%
- Wholesale trade: 1.05%
- Retail trade: 5.09%
- Transportation and warehousing and utilities: 4.91%
- Information: 1.23%
- Finance, insurance, real estate, and rental and leasing: 5.09%
- Professional, scientific, management, administrative, and waste management: 7.54%
- Educational, health, and social services: 22.46%
- Arts, entertainment, recreation, accommodation and food services: 3.86%
- Other services (except public administration): 3.68%
- Public administration: 4.56%
- Retired: 19.30%
- Disabled: 1.75%
- Other (please specify): 6.49%; comments below
- Retired and finance
- Manage and own real estate in my retirement
- Goodwill day site
- It [sic]
- Retired teacher & disabled
- Engineer and Teacher
- Hair Dresser
- Custom fabrication
- Law enforcement
- Biz Consultant
- Hairdresser
- Sales
- Trucker
- Non-profit
- Medical
- Legal

- Corrections
- Homemaker (husband works)
- State of Nebraska
- Medical
- Licensed daycare
- Mlmh [sic]
- Energy production
- Security
- Petroleum
- Legal
- Radio
- Auctioneer/Re Broker
- Retired orthodontist
- Government
- Childcare Center Owner/Director
- Good sales and distribution
- Custodial
- Public works
- Hastings Utilities
- Marketing
- Public Utilities and City Services

#9: How far is your commute to work:

- Work from home (telecommute): 2.46%
- Work at home: 5.09%
- Less than 10 minutes: 43.33%
- 10 to 14 minutes: 11.58%
- 15 to 19 minutes: 3.51%
- 20 to 29 minutes: 4.56%
- 30 to 44 minutes: 2.46%
- 45 to 59 minutes: 1.05%
- 60 minutes or more: 1.05%
- Retired: 22.46%
- Other (please specify): 2.46% comments below
- Retired and work from home
- I don't know [sic]
- at customers current place of services needed.
- Two miles to one job, 100 to the other.
- Disability
- Homemaker
- Homemaker
- Homemaker
- One of us is 4 min from work and the other is 50 min from work
- Service Area within 65 miles

- Not working
- Currently unemployed due to disability; would be working if employers could be more accommodating
- Not employed
- Disabled

#10: Highest level of education completed?

- Grade/Middle School: 0.18%
- High School: 21.09%
- GED: 2.11%
- Community/Technical/Vocational: 30.93%
- 4-year College/University: 28.47%
- Graduate/Advanced Degree: 19.51%

#11: What brought you to Hastings?

- Family: 25.17%
- Work: 27.80%
- Retirement: 0.35%
- Retirement and family: 0.70%
- Always lived here: 35.14%
- Other (please specify): 10.84%; comments below
- Married
- I lived Hear [sic] all my Life
- College
- School
- love this town
- Returned after leaving for Air Force October 1971
- College
- College
- Education CCC
- College
- school
- Lower cost of living & small town living (from AZ)
- Bigger city
- Work
- College
- CCC and never left
- College (CCC Hastings)
- Grow up there
- School
- Moved away for 20 years returned when our kids were

- in high school
- Left large city due to crime & violence
- Married someone from here
- Born in Hastings. Come and go a bit. Presently here. Own a home in Hastings.
- Fiancé
- College
- Hastings College
- Quality of life
- College
- My husband lived here-I moved here after we got married.
- Born here
- School for self
- Had to move in with grandparents
- Moved to Hastings in 1060 [sic] with family, left in 2015
- Friend was sick and needed help
- Death of husband
- Husband
- Cost of living
- College
- Stayed after college
- Lived here my entire life
- School
- College
- College
- College
- Small town values. Small town life
- family and work
- Wife's work
- College
- Was born and raised here. After marriage moved to Trumbull for 42 years. Husband farmed
- College
- College
- Was raised here. Moved back approx [sic] 30 yes ago from a metro area to raise family in smaller community w family values
- Lived in area
- Work but I could have chosen other places
- I came here for college and

- stayed after graduating.
- College
- Got married and moved here for work
- Family and work
- College
- We attended college here and loved the community so found work in the area.
- College
- Group home

#12: All of us have different experiences with where we live. We want to know how YOU feel about Hastings. Is Hastings a quality place to live?

- Very high quality: 5.59%
- High quality: 37.41%
- Neither high nor low quality: 41.26%
- Low quality: 9.79%
- Very low quality: 3.15%
- Other (please specify): 2.80%; comments below
- corthouse [sic] and city hall is a Eye Shore [sic] and no brick roads and side works [sic] must come back
- City/County/Utility officials ruined our chance to grow for 50 yearars [sic].
- Not able to get housing for low to middle income or first time home buyer
- Quality in spite of high taxes. 25% increase on property tax in one year is insane.
- Improving quality
- While there are aspects of Hastings that make it a high quality place to live, such as the parks and outdoor space, there are other aspects that are poor quality. The difference between the "haves" and "have nots" is vast.
- I love this community, however I wish we could successfully keep new

- businesses here.
- Dropping more and more everyday
- Slightly high with great potential never taken advantage of
- Wonderful place to grow up, work and serve the community, but the town has experienced a serious decline in quality in the last few years. We moved in 2015, as have many others
- I used to say high quality but I don't love the direction hastings [sic] seems to be going
- unfortunately its stale there is no growth or desire to grow hopfully [sic] the theatre district helps this
- Was good - trending bad with new citizen chat stuff
- If you live south of 1st Street, it is as if we do not exist or even count anymore to our government. Out [sic] voices and lives mean nothing to Hastings anymore.
- It's OK but lots of problems living under surface not addressed
- Quiet but no places to eat or live especially for handicapped people plus not putting elevator in 55 plus apartments

#13: I plan to retire in Hastings.

- Yes: 65.60%
- No: 34.40%

#14: I am confident in Hastings' future.

- Yes: 32.11%
- No: 49.12%
- None of the Above: 18.77%

#16: Please tell us where the majority of the following activities take place.

Activity	Hastings	Omaha	Lincoln	Grand Island	Kearney	Aurora	Online/Internet
Entertainment (such as movies, miniature golf, etc.)	51.72%	6.49%	7.63%	23.09%	3.24%	0.19%	7.63%
Outdoor recreation (such as hunting, hiking, boating, etc.)	43.29%	10.13%	8.10%	10.13%	21.01%	1.77%	5.57%
Outdoor exercise (such as walking, running, biking, etc.)	90.46%	1.39%	0.60%	2.78%	2.58%	0.00%	2.19%
To play sports (such as basketball, tennis, golf, etc.)	76.75%	4.25%	4.50%	7.50%	2.00%	0.75%	4.25%
Indoor exercise (such as walking, aerobics, weights, etc.)	89.38%	1.15%	0.69%	2.08%	1.39%	0.00%	5.31%
Swimming (outdoor or indoor)	82.60%	2.60%	2.08%	6.23%	3.12%	0.52%	2.86%
Cultural events (such as theater, concerts, museums, etc.)	29.65%	34.97%	23.93%	6.75%	2.66%	0.20%	1.84%
Festivals and fairs	46.57%	12.47%	9.15%	27.44%	2.49%	0.62%	1.25%
Grocery shopping	81.50%	0.75%	1.50%	15.14%	0.56%	0.00%	0.56%
Furniture shopping	33.01%	27.54%	4.69%	25.39%	1.17%	0.20%	8.01%
Clothes shopping	12.08%	9.81%	9.43%	37.92%	2.26%	0.19%	28.30%
Vehicle shopping	37.65%	14.78%	14.17%	17.41%	1.82%	1.82%	12.35%
Farm equipment shopping	40.50%	4.00%	1.00%	12.00%	5.00%	2.00%	35.50%
Antiques shopping	35.28%	8.74%	7.44%	22.98%	2.91%	0.32%	22.33%
Gas/Convenience items shopping	96.76%	0.19%	0.00%	2.48%	0.19%	0.19%	0.19%
Hardware/Lumber shopping	89.00%	0.39%	0.20%	8.84%	0.98%	0.00%	0.59%
Other shopping	21.14%	9.09%	9.09%	29.81%	3.17%	0.00%	27.70%
Dining out (fast food)	79.65%	0.59%	0.59%	18.40%	0.59%	0.00%	0.20%
Dining out (with sit-down service)	33.59%	4.69%	4.69%	54.30%	2.73%	0.00%	0.00%
Community clubs or groups	76.06%	1.33%	0.53%	9.04%	2.66%	0.00%	10.37%

#17: Which of the following services and/or businesses should be the focus of economic development activities in the future?

Question	Very Important	Important	Neutral	Less Important	Not Important
Daycare - children	44.54%	26.68%	20.59%	3.15%	5.04%
Daycare - adults	23.45%	36.46%	30.06%	4.90%	5.12%
Grocery store	45.29%	29.30%	16.60%	6.56%	2.25%
Banking	19.20%	17.30%	33.76%	17.09%	12.66%
Tech support - computers	17.50%	33.96%	37.50%	7.71%	3.33%
Tourism	27.77%	35.91%	24.22%	8.35%	3.76%
Arts and culture	26.25%	38.54%	24.17%	5.42%	5.63%
Main street retail	43.76%	37.63%	12.47%	3.89%	2.25%
Restaurants	66.94%	26.21%	4.44%	1.01%	1.41%
Recreational facilities	46.39%	35.46%	13.61%	2.89%	1.65%
More jobs	61.19%	24.64%	11.09%	1.64%	1.44%
Youth retention	55.74%	31.97%	9.63%	1.23%	1.43%
Senior housing - including assisted living	35.93%	36.96%	20.74%	4.93%	1.44%
Healthcare	57.79%	25.82%	12.50%	2.66%	1.23%
Better broadband	35.42%	33.33%	25.21%	4.17%	1.88%

#18: Access to quality goods and services is important. How available are these to you?

Question	Very Available	Available	Neutral	Less Available	Not Available	N/A
Daycare - children	4.45%	16.74%	15.47%	12.50%	2.54%	48.31%
Daycare - adult	3.38%	9.70%	19.20%	11.18%	4.43%	52.11%
Grocery store	36.33%	46.33%	8.37%	7.96%	0.41%	0.61%
Banking	56.03%	34.36%	7.16%	0.61%	0.20%	1.64%
Tech support - computers	9.96%	37.34%	31.54%	12.45%	2.07%	6.64%
Tourism	4.83%	16.39%	34.24%	20.80%	9.03%	14.71%
Arts and crafts	7.72%	23.80%	34.03%	21.50%	4.18%	8.77%
Nursing home facilities	6.68%	27.77%	20.67%	15.87%	2.09%	26.93%
Assisted living facilities	6.46%	28.75%	20.42%	14.37%	1.67%	28.33%
Meals on wheels	8.16%	30.54%	18.20%	5.02%	1.05%	37.03%
Senior services	6.40%	25.41%	19.63%	11.98%	2.27%	34.30%
Main street retail	11.09%	33.88%	20.12%	25.67%	6.57%	2.67%
Restaurants	10.17%	25.52%	14.73%	40.66%	8.51%	0.41%
Healthcare facilities	19.79%	48.54%	17.71%	8.96%	1.88%	3.13%
Recreational facilities	6.24%	30.77%	27.86%	25.36%	6.03%	3.74%
Agricultural support (such as dealerships, parts, and repair)	4.75%	23.33%	20.52%	6.70%	1.51%	43.20%

#19: What is/will be your plan for retirement?

- None of the above: 4.37%
- Stay in Hastings: 45.32%
- Seek a nearby location: 2.91%
- Stay in Nebraska: 14.55%
- Move to another state: 5.56%
- Other: 18.71%; comments below
- Kearney, Ne
- I don't know.
- Due to family I'm committed to stay in Hastings, otherwise.
- Moved to Hastings for continuing retirement.
- Hastings and west coast
- Travel for warm weather
- Absolutely no ideas!
- May move to where ever [sic] state my daughter moves
- Stay until the property taxes prohibit my living here. Then move to another state!!!
- I'm 30 years old. I don't think I can afford to retire here. This town and survey is too focused on retirement. You need youth to grow and take care of the elderly. WE NEED AFFORDABLE HOUSING
- Undecided, but not Hastings

- Iowa
- Unsure
- Split time with another state when cold here
- Not sure at this time
- At this point, I have no specific place picked out to live in retirement. I do not desire to continue living in Hastings.
- Hastings does not have enough to offer. Property tax is high.
- Undecided
- Taxes are too high to stay in Nebraska
- Undecided
- Too far off to contemplate
- Unsure. Depends where my kids are
- Move back to Hastings
- Undecided
- Where my kids go
- Possibly winter in the south
- Move to a tax friendly, conservative area within equal distance of children and near relevant healthcare
- Not sure
- Travel in our rv [sic]
- I would prefer somewhere with some options to not have to leave town as I age.
- I guess I stay in Adams

- County...until I can't afford the taxation anymore!
- Teavel [sic]
- Move where not everything is taxed hard
- Likely leave NE. Taxes are too high from local to state
- Depends on where kids settle
- Not sure
- Ocean Living
- Likely stay close to family
- Move to Lincoln or another state - especially now with a Racino comin [sic] to town.
- Depends what my kids do
- part of the year elsewhere
- I was planning on staying in Hastings, in my house till I was old. But the City wants to put a Casino in my backyard. Now considering moving even as far as Grand Island.
- Undecided
- unknown
- We do not yet know
- With second home in CO mountains
- Move to a cheaper tax state
- School year in Kearney, Summer in South Dakota
- Undecided. Taxes will be a factor
- Depends on where children live

- Hope to stay in Hastings but if crime rising and property values crash with new casino may have to leave
- Winter in the south - summer in Hastings
- Part time in Hastings. Part time out of state.
- There is not a plan at this point.
- Stay in Hastings & Travel out of state
- Snowbird in Texas or AZ.
- Unknown at this time
- Possibly move out of state
- Unsure
- Not totally sure yet
- Would love to move to the country away from higher taxes or maybe even out of state where Social Security isn't taxed
- I do think I want to stay and "retire" here, but it will become more and more difficult, as there isn't enough housing (apartments) for a disabled person like me (as I live on an extremely fixed income). I can't even afford to move out of my current situation, which I'll likely need to in the very near future.
- Not sure at this time

Appendix B - Community Engagement

Town Hall Meetings

Community Facilities

Strengths

- Pickleball courts
- Renovation of YMCA, Accessible YWCA, Museum and Library adding outside classrooms
- Hastings Lake - Community, family, church activities
- Community will rally around fundraising
- Good parks and recreation for the young people and trails available for joggers and bikers
- Public schools have all been renovated and are good for the youth of the community

Weaknesses

- Lack of Activities to keep younger population around.
- No community center
- Library parking is not convenient especially for disabled and elderly. Not enough accessible parking.
- Hastings Lake - maintenance
- Have aging buildings owned by city
- We have no place for homeless in the daytime hours (aside from the library)
- Need facilities for the homeless
- City building is old. Council always wants new facilities instead of renovating what we have. Other facilities face same challenge.

Opportunities

- Multicultural center
- Improvement to the current senior center
- Ready to expand our sports venues
- Community childcare center
- More child care facilities/golf simulation, axe throwing
- Add a community center
- Green Space, Parks (neighborhood) in new

subdivisions

- Hastings Lake - public entertainment for families and water sports (fishing, boating, swimming)

Threats

- Lack of revenue
- Physical deterioration
- How to afford repairs on city buildings

Communications and Utilities

Strengths

- Allo is fantastic
- Strong city owned utility system
- Recent addition of public information officer to city
- City owned
- Ok in the communication reception area, Utilities don't fail often. No flooding!
- Publicly owned utilities
- Utilities are good, they fix problems (outages, etc.) quickly and the price is reasonable and affordable. Also its public-owned! Good.

Weaknesses

- Lack of communications with city
- Lack of public transparency
- Streets are terrible
- Need affordable internet access for those on fixed incomes. I cant receive local channel 4 or any or any other the networks on my digital TV.
- Difficult for residents to comment on public items. 10-day notice or min. comment period. Electricity is generated with coal. CO₂ emissions are bad, cause climate change!
- Declining days coverage, decline in subscriptions
- Lack of High-Speed internet outside city limits
- Response on utilities could be better. A lot of un-safe power poles in town.

- Providing info to people in a variety of ways; now the computer illiterate (or poor) do not need equal access; languages need attention also
- Lack of communication and transparency for citizens
- Often other towns know more about us than we do
- Concerned about water quality and quantity
- Impact from nitrates and pesticides

Opportunities

- High paying public jobs – utilities
- I want solar panels on every home and conical windmills on each roof so I'd want excess energy to be sold or funneled to the utilities as a credit. Also, we need more SOLAR AND WIND here.
- More from Harvest Free Press
- More options for High Speed internet outside city limits...
- New city administrator
- Our city should be divided between to [sic] NRD Natural Resource Districts
- Need solar panels on each house rooftop, better batteries for storage, also small conical wind - catchers (that I read about - not noisy like small windmills)
- Solar panels would at least power the refrigerator, the one thing we need all year. Also each resident would be part of their own energy production. Helps climate change.

Threats

- Rates keep going up
- Utilities should be as independent as can be. So far no threat from hacking that I'd heard of but it could be happen [sic]. More home generation from solar panels might be good insurance.

Economic Development

Strengths

- Pretty Good Networking with other Community Groups. CRA, etc. Developers
- Workforce development through CCC
- Downtown is lovely and thriving with a variety of businesses
- Starting to see business development North. Business development downtown.
- Some new developers doing innovative things.
- Continuous development of downtown area as retail and living spaces
- Retention of our youth

Weaknesses

- Not bringing enough JOBS to the area
- Variety of grocery stores - and their geographic locations make access challenging to non-drivers
- Lack of restaurants (not bars)
- Lack of activities for young individuals
- Hastings has been historically reluctant to encourage new businesses. Fearful of competition for current businesses, fearful of stepping on toes of the rich and "good old boys club". Consequently minimal growth in the 40 yrs I have been here.
- College grads leave town
- Return something like Herbergers [sic], Penneys [sic], Sears

Opportunities

- Recruiting Business to Hastings
- Population growth
- More restaurants
- More activities/businesses that are geared to attract younger population.
- Transportation of people as well as goods on the railroads (especially with regional travel) would be helpful.

- Getting more people to have gardens, not depend on food shipped in, be more independent and aware of nature. Give them something to do and share with children. Would do better if there were more local gardeners.
- A bike culture in Hastings - growth of. Currently we don't have anyone in town to make repairs. None currently. Need financing.

Threats

- Climate change
- We haven't allowed national chains/other businesses to come to Hastings

Education

Strengths

- Hastings College
- Community College
- Public School System
- Private Schools

Energy

Strengths

- We do have the opportunity to buy into the solar grid
- Variety of sources
- 2 ethanol plants, no chance of lacking a supply of it.
- Utility employees working to develop alternative energy sources. Working to be innovative and still keeping environment concerns in front.
- Interest and commitment to using solar, wind, etc., make it affordable
- Better trained employees

Weaknesses

- Not much easy access to information about accessing/ installing residential solar
- Overdependence on fossil fuels
- Too bright at night - light pollution. Also adds CO₂ emissions to the atmosphere

= more climate change. Also they have farmers growing corn for them instead of properly growing FOOD for us.

- Need more solar and wind energy
- Place to have more utilities underground
- Strong reliability on coal (which has recently been a strength)
- Geo-thermal focus for facilities large enough to use it
- 120 employees lost last 2 years
- Cost. Cloudy and or not windy days. Not reliable due to weather (in regards to wind and solar).

Opportunities

- City leaders have a last chance to present many solutions that affect whole population and should do it. Need to convince us to stop using fossil fuel and change how we live. Federal govt. won't do enough. Must be on local level, every US town and city.
- Larger solar grid
- More solar and wind power
- New mfg/industry
- Rebates on solar
- Solar panels and conical wind-catchers on rooftops.
- Additional focus on solar fields
- Highlight expand, share use of clean coal
- We own our own utilities. Can position ourselves an energy and environmental leader and make Hastings a hub for new energy sources to market across the country.
- Good Pay
- Would like to see opportunities for solar on individual homes as well as solar fields

- Make more power for households without using fossil fuel

Threats

- Environment
- Threat to environment with CO₂ emissions
- Weird opposition to anything that has "environmental" attached to it. Denial of global warming and man-made destruction of environment.
- Better management
- People who don't believe in climate change

Hazards

Strengths

- Climate change - the fact that we recognize it and have addressed it here in the past (not comprehensively)
- Think the community is very well set in this area!
- Amount of agro-chemicals in air, water, soil

Weaknesses

- Air quality monitoring needs to be communicated regularly

Opportunities

- Not enough

Threats

- Re: Air quality - concerns relating to air-quality threats with new bio-diesel plant being built next to the energy center and CCC

Housing

Strengths

- Downtown Renovations
- North Park Commons
- Theater District
- Great variety of housing reflecting the History of Hastings
- Land is available to develop
- Some developers working on affordable housing
- Quality rental property
- Massive energy census of all

Hastings homes to determine energy efficiency, and starting with least efficient homes, make improvements in homes - fix holes in foundation, put insulation in roofs, plant tree on southern exposure, etc. etc.

Weaknesses

- Need more affordable housing for young working families and older fixed income people
- Too often is said we don't have enough housing... impossible to believe... maybe not enough affordable housing... taxes are too high - insurance too high maybe - supply and demand - as a landowner I don't see rental space in that high of a demand
- Predatory and slum land lords and absent property owners
- City regulations not flexible
- Trailer parks need cleaned up and made safe for the occupants.
- Need subdivision retention and detention cells where needed.
- Maintenance of private homes in old areas
- Clean, safe, rentals - lack of
- Lack of housing to support workforce
- Lack of affordable housing to get a strong # available
- Very badly designed previous plan dealing with housing! No contact with landlords which blows the valid [sic] and presents slanted information. Makes me question the validity of this survey and its impact on the comp plan
- Neglected
- We need an option for homeless people who are not able to go to crossroads. (short and long term). Also need housing opportunities

for median and low income people and family [sic]

- Plans for homeless that are mentally ill or substance abuses issues does not exist.

- Expense

Opportunities

- Need more affordable housing
- Intentional senior communities with amenities
- More opportunities to age in place
- Education of residents to benefits of being in hist. dist. City would provide incentives for appropriate repairs
- More single family houses
- Funding to improve blighted properties
- More multi purpose areas like downtown apartments above retail space
- Build more housing; can provide others (renters) to purchase/renovate older homes
- Mixed housing in precincts to avoid high/low property gaps
- Grant funding through fed and state for affordable housing. Partnerships between private developers and government
- Energy efficiency helps climate change problem, owners need less electricity with heat and coal - cheaper

Threats

- Neglected houses affect neighbors, diminish tax base. Complaints of lack of houses could be better addressed. (For example there are 2 houses vacant in 1000 blocks of N. Denver and have been for years)
- Difficult to build housing that is affordable. Difficult for developers to make a profit on affordable housing
- Land owners don't check properties

- Housing shortages
- Competition in available and affordable housing in surrounding communities.

Land Uses

Strengths

- # of parks, green space, lake
- Greenspace downtown, parks
- Zoning is stable
- Old mall redevelopment
- Development in city of series of tiny homes for 1-2 homeless people in each, with small yard for garden.
- Community gardens - several, organized and funded by city provide food.

Weaknesses

- Creates large amount of CO₂ and methane emissions, very bad for climate change problem. Also noise pollution that most of east and south Hastings can hear. (in regards to industrial uses on Highway 6)
- Takes money for seed, tools, and time to donate to planting, seeding, etc. (in regards to home gardens)
- Factories nighttime cooling fans cause problems for surrounding properties - noise pollution
- Negligent plan south of the tracks, plan community facilities and infrastructure
- Adopt industrial noise ordinance again - to alleviate issues.
- City owns too much property maybe as much as 1,000? Or they have too much interest in property. Much of downtown property is controlled by say CRA, BID, Downtown Association.
- 11 years ago, Kearney owned 6 properties, Hastings owned 600. This is a tax issue.
- Not enough maintenance on

- our "old" properties.
- Harassment to owner of old Junior High School
- Casino
- Polluted, silted
- Lack of natural/wild spaces and native plantings
- City/planning and zoning/permits make it difficult to make changes. Re-zoning is very difficult
- Develop spots for industry and jobs
- Took to [sic] long
- City would have to underwrite costs (in regards to tiny homes)
- Cost. Security from theft. City would have to fence it, provide water source, tools, shed for tools, apportion out plots (in regards to community gardens).

Opportunities

- Prepare more land to be ready for Developers Vision and Action
- More food at less cost. No need for all our produce to be shipped in. Way to interest the kids in biology. Food that hasn't been sprayed with pesticide, herbicide. Interest in home gardens night encourage more farmers to grow veggies!
- Hastings yards are large enough for home gardens. This should be encouraged!
- Native plant plantings
- Dredge, clean/filter inflow, stock fish (in regards to lake)
- Not just beautify/manicure spaces but rewild for local species of plants, birds, insects
- Improve safety of dog parks - so that leaching doesn't happen
- More business to open
- Get homeless off streets with own small home and neighbors (in regards to tiny

homes).

- Way to provide food to poor, teach gardening, give hope (in regards community garden).
- Close this and instantly help air be cleaner. (in regards to industrial uses on Highway 6)

Threats

- What is the land use proposal for the tract of land north of Walmart and east of Baltimore Ave. Proposed casino - is this in keeping with comprehensive plan?
- Only threat would be to grocery stores, but not everyone would be gardening, so they'd still sell produce (in regards to home gardens)
- Lack of development/lack of bringing in business will stunt growth
- Contribute to Climate Change. Should be closed down. (in regards to industrial uses on Highway 6)

Natural Resources

Weaknesses

- Using too much water on lawns

Opportunities

- More native plants less water use

Threats

- We have about 5 years to make a difference before climate change becomes self-sustaining and unstoppable

Parks and Recreation

Strengths

- Crosier Park - new facility - great
- Splash pad - great
- Many great parks
- Bike path
- Current parks and playground equipment
- Bike path/pickleball courts

- We have Lake Hastings which provides a smallish opportunity for water sports.
- The parks are wonderful. The new playground equipment paid with the 1/2% sales tax are great especially the handicap accessible. The trail is great and growing
- The Car Race Track on Hwy 6 - very popular with some
- Parks are well maintained
- Park playgrounds are being updated and attractive to all children
- Parks look great - Parks and Rec department works hard to provide activities for wide variety of citizens
- Softball complex - looks great and brings lots of visitors to community
- Great trail system
- Beautiful parks showcase our city. Out-of-town visitors are always impressed
- We have beautiful parks and playgrounds that are well maintained.

Weaknesses

- Lack of staff at water park during summer
- More events promoted at Brickyard Park
- Lack of sport leagues. YMCA is too crowded.
- Hastings Lake is very dirty.
- Bike path is mainly recreational but not for actual transportation through Hastings
- Poor judgement in management
- Tearing down warming house, ugly new bathrooms, ugly playground equipment should have been made to blend in to its environment - spending money we don't have - should be spent on streets
- Boats might be too expensive. (in regards to

water sports)

- Highland Park needs improvements.
- Dealing with problems in slow fashion - need to be proactive
- Need to assertive [sic] with summer employment opportunities - pool guards - staff
- Main improvement to parks and trails have been funded through grants and 1/2 cent sales tax. Not a budget priority for parks maintenance.
- Trails non-existent on south side

Opportunities

- Encourage More Community and Area Use
- Indoor Football/Soccer facility.
- Clean up Hastings Lake.
- More facilities outside YMCA
- Connect the college and the Middle School to other parts of town
- We need walking bike path to connect area north of 26th east of Spady for new residents to connect with the walking trail. Without walking on 26th Str.
- The City could provide a energy-free recreation if they bought 6-8 small 8-foot sail boats, hired a sailor, who could give sailing lessons to kids in the summer, maintain the boats, rent boats to new sailor kids. This is a quiet type of fun (unlike motorized craft) and a good skill to have.
- The nice parks are attractive to new families and people who enjoy the outdoors
- Offer training with guaranteed employment
- Expand tree nursery
- Expand trail to south side and west side to connect schools/ shopping neighborhoods.

Increase walkability and community well-being.

- Trail expansion is needed.

Threats

- Children drowning. (in regards to water sports)
- Elm Tree Borer - Dealing with Activate Plan - Over 100 elm trees in Heartwell Park
- Plan for using diseased elm trees besides landscape bark
- Lack of funding for trail expansion. Apathy among citizens to walk or bike places. Difficulty with trail on south west sides because of older neighborhoods - difficult to implement trails

Public Health

Strengths

- Community Covid Response with multiple specialty providers
- Walking/bike path and for public health
- Quality health care providers
- MLMH
- South Heartland District Health Department
- SHDHD, great job thru COVID
- Mary Lanning Hospital
- More than one clinic
- So. Heartland District Health Dept - well run, excellent resource
- SHDHD - Partnerships with local Healthcare and non-profits
- South Heartland is effective and necessary
- SHDHD - good resource for community

Weaknesses

- Comprehensive mental health access to service
- Need to strongly consider Direct Provider Agreements. Reduce to Cost of Total Care
- Lack of mental healthcare providers in general and specifically for low income/ sliding scale

- Food security for low income families
- No free dental for emergencies
- Understaffed - sadly
- Communication between agencies (is there duplication of services)
- Need quicker responses
- Understaffed.
- Need more mental health providers for adults and children

Opportunities

- More community-based mental health care
- Strong partnerships between "healthcare" agencies
- Retention of young people
- Need more volunteers

Threats

- Resistance to adhere to public health standards. "Me" mentally rather than "We"

Public Safety

Strengths

- Well lit streets/bike trails
- Low crime rate
- Generally a safe community. I feel safe here.

Weaknesses

- To [sic] much Drug use and Sex Traffic. Just now learning of this.
- Uncontrolled intersection near grade school (i.e. - 2 intersections north of Longfellow on N. Denver. Drivers speed between 9th and 12th St and seem not to know to yield to driver on the right)
- Need more police officers
- Need more or better drug enforcement
- I see frequent disregard for stop signs.
- We have lots of homeless people
- Lots of young people on motorcycle skate boards and

people in motorized wheelchairs riding the streets instead of sidewalks - not carrier free

- Inconsistent walking pathways in neighborhoods
- Some neighborhoods have sidewalks next to the street
- Are the police department and fire department at full staff - non-voluntary overtime
- Neighborhood policing
- Risky drivers going through yellow lights
- Many drivers may not legally insured
- CDL license are not required of all truck driver especially farm vehicles
- Drivers ignoring crosswalks and the children standing in them.
- In town speeding. Speed limits not enforced.
- We have people who need a safe place to go during the day besides the library.

Opportunities

- More defensive driver training for all drivers
- Increase public safety officers
- Install yield or STOP Signs on E/W Streets

Threats

- Police Department staffing
- Burglaries
- Decrease in people wanting to be in law enforcement/ fire/EMT
- Burnout among out public safety officers because of lack of staff

Transportation

Strengths

- Walk/bike paths
- Good traffic flow, increasing bike paths
- Roads repairs are fairly good
- Ryde is great
- Some bike paths in north Hastings. Need more.
- Some good cement (smooth)

streets

- Many old durable brick streets, but covered up.
- Flat terrain - good for bikes, trail takers, trolley system.
- Bicycles - cheaper than cars.

Weaknesses

- Potholes
- Need turn lanes with turn signals at 7th and 9th
- Train spur from Highway 6 often blocks crossings South of A Street
- Huge threat, requiring entire population to respond.
- Clearing of snow on roadways is extremely sub-par compared to other cities. Don't get close enough to the ground.
- Public transportation
- No Lyft, Uber, Ride bus not useful for immediate needs
- Speed limits are too slow. (way slower than other cities). Flow of traffic in this town is poor considering population.
- Could use another 2nd option for people to go to doctors appts shopping etc [sic]
- South Baltimore: 281 and Highway 6 needs signage to direct through truck traffic on Hwy 6/281 - not through personal area. Enforce truck routes, keep out of residential areas, loud traffic. Need to enforce speed limits on South Baltimore.
- Closed South Street
- State of Nebraska - working with City
- Need to complete walking trails
- Need transportation from South to North parts of town for families or persons without transportation
- Railroads need to be cooperative
- Properties don't have sidewalks that should have

them. Snow removable from sidewalks is not enforced making it very hard to walk in the winter.

- School crossings are not protected for students in some high traffic areas.
- Improper maintenance
- Narrow streets, bike lanes don't fit in well.
- No bike lanes along streets. Need some everywhere.
- Bike paths don't exist in south Hastings.
- Trolley system very expensive. Hard to sell to residents. People are so accustomed to instant gratification, getting into car and driving somewhere quickly.
- Bicycles - no bike stores. Not good in winter.
- Snow and rain and wind hinder biking.
- Runs on fossil fuel.
- Getting the RR to build it. Having to wait for trains to pass.
- Trail system doesn't run through whole community and doesn't connect to many things
- Many sidewalks in poor condition
- Lack of transportation for people needing rides to doctors appointments groceries errands etc.
- Not much in public transportation - taxi, uber, etc.

Opportunities

- Build out more trails to connect other areas (Westbrook, Lochland)
- Improve South side infrastructure - sidewalks, biking paths
- Could use bridge/overpass over train tracks on Baltimore. Could use more turn signal lights
- If there is no better and

affordable public transportation for those without there [sic] own vehicle they can get to the hospital, shopping, and schools.

- Federal infrastructure money
- Trolleys running on electricity might soon be powered by solar or wind. Good for those without bikes, the elderly, infirmed, handicapped.
- Children biking to school would enable less CO₂ production by their parents' cars.
- A bus system would provide transportation for many at once.
- Railroad (RR) crossing where old viaduct used to be - would allow cars, bikes, pedestrians to cross easier and faster. Direct route for northeast quadrant of town.
- Bike paths provide fast direct travel without worry about vehicles hitting cyclist.
- Comprehensive change to bikes would help us reduce climate change in small way.
- Trolleys on railroad tracks around town and running on electric wires would provide instant transportation
- Bikes don't run on fossil fuels. Cleaner air. Roads last longer. Good exercise.
- Good exercise. Great way to lessen climate change.
- Getting a population to accept slower means of travel
- Avoiding the 2 bridges over the railroad which are far from most of northeast Hastings, slope hard to pedal up. Advantage to residents of area near Menards who want to get south faster (bike to hospital).

Threats

- Farmers driving semis without

proper training - both in and around community.

- Lack of updating infrastructures.
- All that cement is bad for environment (CO₂ emission).
- Trolleys would take over half every street they're on. Prevent parking cars there.
- Cars are big threat to bikes.
- People who love fast cards [sic] wouldn't like hoards of bikes,
- Pollution. Doesn't help stop climate change.
- People get hit by train?
- Highway 281 - Burlington handles turbine traffic and which impacts traffic safety through the city.
- Combine caravans

Miscellaneous Comments

- I would like to see more recreational activities such as Top Golf, golfing, pickle ball courts, or axe throwing.
- There is no place for men to shop aside from Gary Michaels
- Recycling is limited
- Speed limits should be raised both inside and outside of city limits, especially under the Burlington overpass
- We need a community center such as the City Block project
- A bar with outside space would be a great amenity for downtown. Event space is lacking downtown
- This survey and your whole effort seems to be focused mainly on economics and the assumption that life will continue much as it has done. It soon won't. You're ignoring the proverbial "elephant in the room", namely climate change. Your efforts must include the effect of climate change on social,

cultural, educational, healthful, and economic life. Otherwise it will soon be immaterial. You should be asking some different questions. This town and everyone of its citizens on families needs to be thinking how to respond individually to climate change in order to lessen its looming impact. Every community should be doing this across the USA! How willing are we to stop burning fossil fuel - that's the overriding question—and how can Hastings city govt help us do it? What are the ways individuals and businesses can accomplish this? What changes should the city impose? How willing are we to begin living lives of less convenience, less reliance on energy (electricity generate by coal, gasoline, diesel, propane, etc.). Federal policies and regulations help, but slowing down climate change now (we don't have 20 years, or even 10) is truly up to us, the people, and their local governments and leaders.

RESOLUTION NO. 2025-10

A RESOLUTION APPROVING THE 2025 COMPREHENSIVE DEVELOPMENT PLAN FOR THE CITY OF HASTINGS, NEBRASKA AS PREPARED BY MARVIN PLANNING CONSULTANTS UNDER A CONTRACT THAT BOTH PARTIES ENTERED INTO IN APRIL 2022.

WHEREAS, the City of Hastings, Nebraska, has entered into an agreement with Marvin Planning Consultants Inc. to provide professional planning services in regard to updating the City's Comprehensive Development Plan and Zoning Subdivision Regulations, and

WHEREAS, the update of the City's Comprehensive Development Plan is completed, and

WHEREAS, the City of Hastings Planning Commission held a public hearing on March 4, 2025, and subsequently recommended the approval and adoption of the updated Comprehensive Development Plan.

WHEREAS, a copy of the City of Hastings Comprehensive Development Plan, with this resolution, shall be filed with the City of Hastings Clerk and posted on the City of Hastings Website.

NOW THEREFORE, BE IT RESOLVED by the City Council of the City of Hastings, Nebraska that the Mayor be authorized and directed to adopt the City of Hastings Comprehensive Development Plan.

PASSED AND APPROVED this _____ day of _____, 2025.

George J. J. Beckby, Mayor

ATTEST:

Tyler Ficken, City Clerk

(S E A L)

APPROVED TO FORM:

Jesse Oswald, City Attorney

Department: Engineering
Staff Contact: Lee Vrooman
Council Meeting Date: 3/24/2025

AGENDA ITEM SUMMARY SHEET

Description of Item:

Approval of the agreement with Van Kirk Bros. Contracting for the Elm Meadows Sub-Division Water, Sewer and Paving Districts in the amount of \$1,067,401.13.

Names of People/Business affected by this action:

City of Hastings, Van Kirk Bros Contracting

Why Council action is required:

Council approval is required

Type of action requested:

Motion

Suggested motion:

Motion to approve the agreement with Van Kirk Bros. Contracting for the Elm Meadows Sub-Division Water, Sewer and Paving Districts in the amount of \$1,067,401.13.

Deadlines associated with action:

Department head comments:

Bids were opened on March 5, 2025 for the Elm Meadows Water, Sewer and Paving work. We had 3 bids with Van Kirk Brothers Contracting being the low bid at \$1,067,401.13. This is below the engineer's estimate of \$1,241,841. Work is scheduled to start May/June time frame depending on weather and contractor's schedule.

Recommend Approval

City Administrator comments:

Contract approval. I recommend approval.



To: Derek Zeisler, Manager of Utilities
Lee Vrooman, City Engineer / Director of Engineering
From: Keith Miller, Lead Engineer Utilities
Date: March 12, 2025
Subject: Bid Evaluation for Elm Meadows Water, Sewer & Paving
Formal Contract No. HU 2025-37

On March 5, bids were opened for Elm Meadows Water, Sewer, and Paving Districts. This is a combined project with a single general contract, a summary of the total bids is given below:

BIDDER	Bid Surety	Exceptions	Total
Mid NE Land Developers	5%	No	\$1,216,020.21
Van Kirk Brothers	5%	Yes	\$1,067,401.13
Hi-Plains Road Work	5%	Yes	\$1,479,208.25

The bid package was sent to 29 contractors, most of whom regularly complete infrastructure projects in the tri-city region. In addition, the package was posted on our website, the newspaper, and available in 4 local plan rooms. Contractor interest was average, which is likely due to the project being awarded to one contractor.

The project related budget items and bid section results are in the following table:

BIDDER	Total	BID	Budget
Water BI#3.29 \$210,000			
Mid NE Land Developers	\$242,867.56	+ 26%	3% Below
Van Kirk Brothers	\$193,252.05	LOW	23% Below
Hi-Plains Road Work	\$366,250.41	+ 90%	47% Over
Sewer BI#4.22 \$65,000			
Mid NE Land Developers	\$63,716.62	LOW	2% Below
Van Kirk Brothers	\$69,818.25	+ 10%	7 % Over
Hi-Plains Road Work	\$120,902.85	+ 90%	86% Over
Paving BANS Fund \$930,000			
Mid NE Land Developers	\$909,436.03	+ 13%	2% Below
Van Kirk Brothers	\$804,330.83	LOW	14% Below
Hi-Plains Road Work	\$992,054.99	+ 23%	7% Over

For the combined project, the overall low bid is Van Kirk Brothers which is 14% below the nearest bid. For the City's budgeted amounts, the bid for water came in 23% below, sewer is 7% over, and paving is 14% below.

The exception taken by the Van Kirk Brothers is to negotiate a deduct price for alternative grading measures to reduce the amount of off-site fill required. This has been determined not an option for this site. The exception taken by Hi-Plains Road Work was addressing technical error on sidewalk concrete thickness between 4" and 5" in which they clarified supplying 4". Both exceptions are acceptable and do not affect the pricing received.

Utility construction is scheduled to start in May 2025 with a projected completion date in August 2025.

Staff recommends that the project be awarded to Van Kirk Brothers of Sutton, NE for a total of \$1,067,401.13 which is the lowest and best bid for the City of Hastings.

Cc: Steve Riehle, Lead Engineer Public Works

Cc: Brandan Lubken, Director of Underground Operations

AGREEMENT

THIS AGREEMENT, made and entered into this 24th day of March, 2025, by and between the City of Hastings, Party of the First Part, hereinafter called the "Purchaser" or "City", and Van Kirk Bros. Contracting of (town) Sutton in the State of Nebraska, Party of the Second Part, hereinafter called the "Contractor".

WITNESSETH: THAT,

WHEREAS: The Purchaser has caused the necessary contract documents to be prepared for defining material, equipment, and/or labor to be supplied to the City of Hastings and delivered complete as specified in the accompanying contract documents.

WHEREAS: The Purchaser has advertised for bids from Contractors, has received said bids, analyzed same and duly awarded a contract to the "Contractor", "Party of the Second Part", for material, equipment, and/or labor as hereinafter set forth and as stated more in detail in the Proposal and related contract documents to wit; Notice to Bidders, Instructions to Bidders, Specifications; all of which documents are attached hereto and made a part of this Contract.

NOW, THEREFORE: It is hereby agreed that for the sum of one million sixty-seven thousand, four hundred one and 13/100. (\$1,067,401.13)

to be paid by the Purchaser, within Thirty (30) days after the acceptance of material, equipment, and/or labor by the Purchaser, to the Contractor, the Contractor agrees to furnish all materials, equipment, and/or labor as required by the accompanying specifications, and the aforesaid contract documents, for **HU 2025-37 Elm Meadows First Sub-Division Water, Sewer and Paving Project.**

All materials, equipment, and/or labor shall be in accordance with the accompanying contract documents and specifications which are as much a part of this Agreement as if repeated verbatim herein.

It is further agreed that the Contractor will start work promptly, furnish the necessary drawings promptly and complete the work in the number of days set forth in the Proposal.

IN WITNESS WHEREOF: The Parties of the First and Second Parts have hereto set their hands and seals on the day and year above written.

CITY OF HASTINGS
Party of the First Part

By: _____

Date: _____

ATTEST:

City Clerk

SEAL

CONTRACTOR
Party of the Second Part

Van Kirk Brothers Contracting

By: *Sam A. Swanson*

Title: *Vice President*

Date: *3-10-25*

APPROVED TO FORM:

City Attorney

Note: If executed by one other than President, Partner or the individual Owner, a Power-of-Attorney authorizing execution should accompany this Contract.

Department: Utilities
Staff Contact: Derek Zeisler
Council Meeting Date: 3/24/2025

AGENDA ITEM SUMMARY SHEET

Description of Item:

Resolution No. 2025-11 Authorizing the City of Hastings to proceed with an amendment to its Gas Supply Agreement with CPEP in connection with the reset of the available discount in CPEP gas prepayment project No. 2

Names of People/Business affected by this action:

City of Hastings, CPEP

Why Council action is required:

Council approval is required for Resolution

Type of action requested:

Resolution

Suggested motion:

Motion to approve Resolution No. 2025-11 Authorizing the City of Hastings to proceed with an amendment to its Gas Supply Agreement with CPEP in connection with the reset of the available discount in CPEP gas prepayment project No. 2

Deadlines associated with action:

Department head comments:

Recommends approval

City Administrator comments:

Gas Supply Agreement update. I recommend approval.

RESOLUTION NO. 2025-11

RESOLUTION OF THE CITY OF HASTINGS, NEBRASKA, D/B/A HASTING UTILITIES (“HASTINGS”), AUTHORIZING HASTINGS TO PROCEED WITH AN AMENDMENT TO ITS GAS SUPPLY AGREEMENT WITH CENTRAL PLAINS ENERGY PROJECT (“CPEP”) IN CONNECTION WITH THE RESET OF THE AVAILABLE DISCOUNT IN CPEP GAS PREPAYMENT PROJECT NO. 2 (“PROJECT NO. 2”) WITH ROYAL BANK OF CANADA (“RBC”); AND RELATED MATTERS

WHEREAS, Hastings is a Member of the Central Plains Energy Project (“CPEP”) and is a Project Participant in CPEP’s Project No. 2, its gas prepayment transaction with RBC, in connection with which Hastings purchases supplies of natural gas from CPEP at a discount to market prices; and

WHEREAS, Project No. 2 began in 2009, at which time Hastings and CPEP entered into that certain Gas Supply Agreement dated as of July 1, 2009, for the sale and purchase of gas supplies from Project No. 2; and

WHEREAS, Project No. 2 was restructured in 2014, at which time Hastings entered into an Amendment to the Gas Supply Agreement providing for the periodic re-calculation of the Available Discount under the Gas Supply Agreement pursuant to parameters set forth in a Re-Pricing Agreement between CPEP and RBC and a resetting of the period during which the Available Discount would be in effect (the “Reset Period”); and

WHEREAS, in connection with the first such Reset Period, CPEP and Hastings entered into that certain Second Amendment to Gas Supply Agreement, dated December 1, 2019; and

WHEREAS, CPEP is currently in discussions with RBC in connection with the optimal approach to structuring the Reset Period for gas flows commencing July 1, 2025, and is considering different options for determining the Available Discount for the Reset Period,

including different options for the term, volumes, and discount to be available during the Reset Period; and

WHEREAS, certain of those options may require an amendment to the existing Gas Supply Agreement, as amended, between CPEP and Hastings, while others may not.

NOW, THEREFORE, be it hereby resolved by the City Council of the City of Hastings, Nebraska, d/b/a Hastings Utilities, that:

1. The Mayor of the City and the Manager of Hastings Utilities are hereby authorized to enter into a Third Amendment to the Gas Supply Agreement between Hastings and CPEP, if necessary and appropriate, and to structure the best resolution in the interest of Hastings of the Reset Period options that may be available to CPEP and its Members.

2. The Mayor and the Manager of Hastings Utilities are hereby delegated full authority to determine the best option for the City and Hastings Utilities for the Reset Period from among those that are available, including but not limited to: (i) resetting the Available Discount for a term to be determined without making structural changes in Project No. 2 or any amendment to the Gas Supply Agreement, as amended; (ii) purchasing additional supplies of gas for a portion of the remaining term of the Gas Supply Agreement; (iii) extending the term of the Gas Supply Agreement; and (iv) revising the Delivery Points specified in the Gas Supply Agreement.

3. The Mayor and the Manager of Hastings Utilities are hereby authorized to execute and deliver any closing documents or certificates which may be required in connection with the execution and delivery of the Third Amendment to the Gas Supply Agreement or otherwise necessary in connection with the establishment of a new Reset Period.

4. This Resolution shall take effect immediately upon its adoption and shall be effective for all negotiations and decisions that may be made for the Reset Period commencing on July 1, 2025, under the Gas Supply Agreement between Hastings and CPEP, and for the finalization of any amendments to the Gas Supply Agreement in order to effectuate the refunding of CPEP's Project No. 2 bonds for the upcoming Reset Period.

5. All Resolutions or portions thereof inconsistent with this Resolution are hereby repealed and superseded.

Dated this ____ day of _____, 2025.

CITY OF HASTINGS, NEBRASKA
A Municipal Corporation

By: _____
George J.J. Beckby, Mayor

ATTEST:

Tyler Ficken, City Clerk

Approved as to Form: _____
Jesse Oswald, City Attorney

Department: Engineering
Staff Contact: Lee Vrooman
Council Meeting Date: 3/24/2025

AGENDA ITEM SUMMARY SHEET

Description of Item:

Resolution No. 2025-12 Approvling the plans, specifications and authorization to advertise for bids for Lochland Meadows 17th Sub-Division Water and Paving Project in the City of Hastings, Nebraska

Names of People/Business affected by this action:

City of Hastings

Why Council action is required:

Council approval is required

Type of action requested:

Resolution

Suggested motion:

Motion to approve Resolution No. 2025-12 Approvling the plans, specifications and authorization to advertise for bids for Lochland Meadows 17th Sub-Division Water and Paving Project in the City of Hastings, Nebraska

Deadlines associated with action:

Department head comments:

Plans and specifications for Lochland Meadows 17th Subdivision water and paving have been completed and are included in the packet. Water and paving districts were created at the City Council meeting on March 10, 2025. The bid opening date for this work will be April 16, 2025. The plans and specifications are being brought before the Council because the project is part of a district.

Recommend Approval

City Administrator comments:

This is the next step int eh process for the Lochland Meadows project.

RESOLUTION 2025-12

RESOLUTION APPROVING THE PLANS, SPECIFICATIONS AND AUTHORIZATION TO ADVERTISE FOR BIDS FOR LOCHLAND MEADOWS 17TH SUB-DIVISION WATER AND PAVING PROJECT IN THE CITY OF HASTINGS, NEBRASKA, AS PREPARED BY THE CITY ENGINEER AND DIRECTING THE ADVERTISEMENT FOR BIDS.

BE IT RESOLVED, by the Mayor and City Council of the City of Hastings, Nebraska:

That the plans, specifications and estimate of cost prepared by the City Engineer and filed in the office of the City Clerk for the Lochland Meadows 17th Sub-Division Water and Paving Project in the City of Hastings, Nebraska, be and the same are hereby approved and the City Clerk is directed to advertise for bids in the form of the notice or notices prepared by the City Engineer which are hereby approved.

PASSED AND APPROVED this 24th day of March 2025.

Mayor

ATTEST:

City Clerk

(SEAL)

Approved as to form:

City Attorney

**CONTRACT DOCUMENTS
&
TECHNICAL SPECIFICATIONS**

HU 2025-46

**LOCHLAND MEADOWS 17TH SUB-DIVISION
WATER AND PAVING PROJECT**

CITY OF HASTINGS

**Proposals Will Be Opened Promptly At
1:30 PM, Wednesday, April 16, 2025**

Bid Submitted By: _____



**LOCHLAND MEADOWS 17TH SUB-DIVISION
WATER AND PAVING PROJECT
HU 2025-46**

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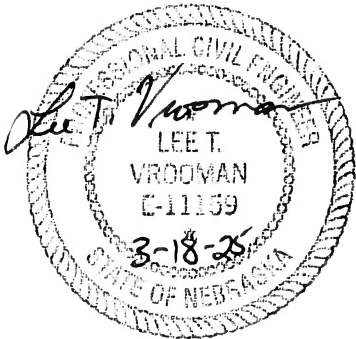
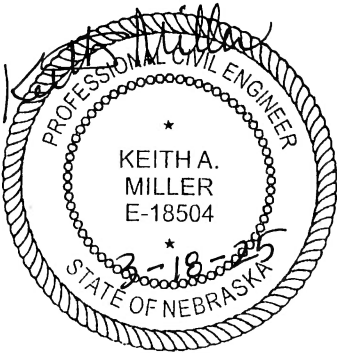
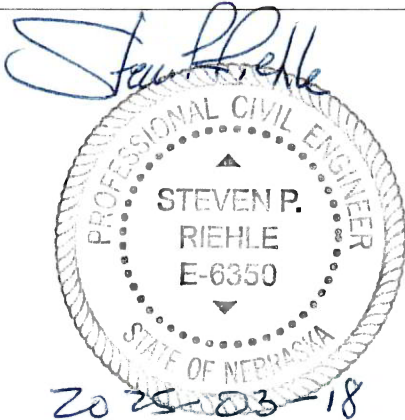
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SEALS AND SIGNATURES

Owner: City of Hastings

Project Name :LOCHLAND MEADOWS 17TH SUB-DIVISION WATER AND PAVING PROJECT

Contract: HU 2025-46

	The seal and signature to the left applies to: • Coordinating Professional
	The seal and signature to the left applies to the following specification divisions: • Section 4
	The seal and signature to the left applies to the following specification divisions: • Section 5 • Section 6

ADVERTISEMENT FOR BIDS

The City of Hastings, Nebraska, will receive bids for the **Lochland Meadows 17th Sub-Division Water and Paving Project, HU 2025-46** until 1:30 p.m. at the City of Hastings, 1228 N Denver Ave., Hastings, Nebraska, on Wednesday, April 16, 2025, at which time and place all bids will be publicly opened and read aloud. **Brief description of project: Water and Paving for Lochland Meadows 17th Sub-Division in Hastings, Nebraska.** If you plan on bidding and are not already on our approved bidders list for this project, you are REQUIRED to fill out the [Plan Holders Submittal Form](#) that is located on the City website: <https://www.cityofhastings.org/bids/>.

The Contract Documents, including plans and specifications, are on file at the City of Hastings 1228 N Denver Avenue, Hastings, Nebraska 68901. Copies of the plans and specifications in electronic (PDF) format may be obtained by visiting the City of Hastings Website: www.cityofhastings.org/bids. A paper copy is available for \$75.00, plus sales tax (\$5.25), plus shipping.

Each bid shall be accompanied by a certified check, drawn on a solvent bank in the State of Nebraska, or a bid bond in an amount of not less than five percent (5%) of the total bid of all contract construction costs, made payable to the City Treasurer of the City of Hastings, Nebraska, as security that the bidder to whom the contract may be awarded will enter into a contract to build all the improvements in accordance with this notice and give bond in the sum hereinafter provided for the construction of improvements.

No bid shall be withdrawn after opening of bids without the consent of the City of Hastings, Nebraska, for a period of sixty (60) days after scheduled time of closing bids.

Time is of the essence in this contract. In evaluating bid(s) received, the City will consider the timelines of completion of prior construction contracts, existing workload of bidders and available manpower that bidder commits to the project.

The successful bidder will be required to furnish a Performance Bond in the sum of the full amount of the Contract within ten (10) days of the date of award. No additional time will be allowed the Contractor for providing the Performance Bond.

DATED AT HASTINGS, NEBRASKA, this 25th day of March 2025.

CITY OF HASTINGS, NEBRASKA

Tyler Ficken, City Clerk

Publish:
March 27, 2025
April 3, 2025

Furnish 2 proofs of publication

IMPORTANT MAILING (OR HAND DELIVERY) INSTRUCTIONS

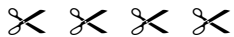
Please address your return envelope as shown in the example below. All bids must be sealed in a properly marked envelope.

To hand deliver, please drop off between the hours of 8am – noon and 1-5pm Monday through Friday.

Your Return Address

City of Hastings
Attn: Renae Griess
1228 N Denver Avenue
Hastings, NE 68901

**This Information MUST BE typed or written in the lower left hand corner of return envelope
OR SIMPLY CUT OUT AND TAPE ON YOUR RETURN ENVELOPE**



BID DOCUMENTS ENCLOSED

ATTN: Renae Griess

Contract No: Lochland Meadows 17th Sub-Division Water & Paving Project

HU 2025-46

Bid Opens: Wednesday, April 16, 2025 @ 1:30 PM

If returning Fed-X or similar carrier, please enclose the bid in an “inner” envelope which is sealed. Please make sure BOTH envelopes are properly marked on the OUTSIDE OF THE ENVELOPE as shown in the example above.

One bid per envelope. Bid submittal via email is not allowed. Bids must be checked in to the City of Hastings prior to 1:30 pm deadline.

IF YOU HAVE QUESTIONS OR NEED HELP ON THESE SPECIFICATIONS

PLEASE CONTACT ANY OF THE FOLLOWING:

TECHNICAL QUESTIONS

Steve Riehle – Lead Engineer of Public Works
1228 N Denver Ave
Hastings, NE 68901
Ph# 402-462-3676
Email: bidquestions@cityofhastings.org

Keith Miller – Lead Engineer
1228 N Denver Ave
Hastings, NE 68901
Ph# 402-462-3549
Email: bidquestions@cityofhastings.org

Lee Vrooman – Director of Engineering
1228 N Denver Ave
Hastings, NE 68901
Ph# 402-462-3657
Email: bidquestions@cityofhastings.org

GENERAL QUESTIONS OR REQUESTS

Renae Griess
Engineering Admin Assistant
Ph# 402-462-3665
Email: bidquestions@cityofhastings.org

INSTRUCTIONS TO BIDDERS

All proposal information, including any unit price fill in sheets or other required information, shall be submitted on the proposal forms hereto attached. Copies of addenda, if any, shall be signed and attached. City of Hastings does NOT accept faxed or emailed bid returns.

Bidders shall inform themselves of all relevant matters, and, if awarded the contract, shall not be allowed any extra compensation by reason of any matter or thing concerning which such Bidder might not have fully informed himself, prior to the bidding.

The Bidder bidding on the Specifications herein, who has exceptions to those called for in the Specifications, must so state in the space provided below and/or attach a letter explaining in detail the exceptions taken to those required in the Specifications. This letter of explanation shall become a part of the bid and shall be attached hereto. Failure by the Bidder to outline his exceptions will require the successful Bidder to comply with these Specifications.

EXCEPTIONS TO SPECIFICATIONS:

The City will not assume obligations resulting from losses or damages until acceptance of the equipment.

If any person contemplating submitting a bid for this contract is in doubt as to the true meaning of any part of the Specifications or other proposed contract documents, he may submit to Purchaser a written request for an interpretation thereof. The person submitting the request will be responsible for its prompt delivery. Any interpretation of the proposed documents will be made only by addendum duly issued or delivered to each person receiving a set of such documents. The Purchaser will not be responsible for any other explanation or interpretation of the proposed documents.

All addendums must be signed and attached to bid documents.

**Proposal for
Lochland Meadows 17th Sub-Division
Water and Paving Project
Contract No. HU 2025-46**

TO: City of Hastings
1228 N. Denver Ave
Hastings, NE 68901

Bid Opening: April 16, 2025 (Wednesday)
SEALED BIDS MUST BE RECEIVED BY 1:30 P.M.
AND WILL BE OPENED PROMPTLY AT THAT
TIME

We, the undersigned, being familiar with all parts of these documents, being Notice to Bidders, Bid Proposal Price Sheets, Contract Document Forms, Plans and Specifications, Affidavit, Material List, and all other parts of this document, do herein submit our proposal to furnish, install, and perform all tasks required to complete said project area(s) for the total costs. **THE PAVING PORTION IS SALES TAX EXEMPT THE WATER PORTION IS TAXABLE.**

SECTION A - Lochland Meadows 17th Sub-division – Water Main Project					
Item	Description	Qty	Unit	Unit Price	Total
1	10" DIP Water Main	1266	LF		
2	8" DIP Water Main	1600	LF		
3	10" Gate Valve and Box	4	EA		
4	8" Gate Valve and Box	5	EA		
5	6" Gate Valve and Box	6	EA		
6	Fire Hydrant	6	EA		
7	Compact Fittings	2260	LBS		
8	10" Foster Adaptor	6	EA		
9	8" Foster Adaptor	9	EA		
10	10" MEGA Lug	2	EA		
11	Remove Fire Hydrant and Adapter	1	EA		
12	Remove 8" x 6" MJ Reducer	1	EA		
13	Remove 8" MJ Plug	1	EA		
14	1" Water Service 53'	13	EA		
15	1" Water Service 7'	11	EA		
TOTAL				\$	
In Words					

HU Specs/HU 2025-46
Date: 3/2025 City of Hastings, Hastings, NE

THIS BID DOCUMENT MUST BE SUBMITTED WITH BID

**Proposal for
Lochland Meadows 17th Sub-Division
Water and Paving Project
Contract No. HU 2025-46**

SECTION B- Lochland Meadows 17th Sub-division – Paving Project					
Item	Description	Qty	Unit	Unit Price	Total
1	Mobilization & Traffic Control	1	LS		
2	Earthwork - Cut=3290 CY, Fill=635 CY	1	LS		
3	Remove Concrete Header	62	LF		
4	Linear Erosion Protection	1000	LF		
5	Build 6" P.C.C. Pavement 47B-3500	9207.6	SY		
6	Build Concrete Header 47B-3500	124	LF		
7	Build NDOT Curb Inlet X=10'	2	EA		
8	24" Storm Sewer Pipe	32	LF		
9	30" Storm Sewer Pipe	912	LF		
10	30" Flared End Section	1	EA		
11	Curb Inlet Protection (2 inlets prior to paving & 2 after paving)	4	EA		
12	Adjust Manhole to Grade	6	EA		
13	Adjust Valve Box to Grade	1	EA		
14	C-125 Turf Reinforcement Mat	1200	SF		
TOTAL				\$	
In Words					

GRAND TOTAL BID SECTIONS A AND B	
GRAND TOTAL	\$
In Words	

**Proposal for
Lochland Meadows 17th Sub-Division
Water and Paving Project
Contract No. HU 2025-46**

Note: unit prices shall prevail in the case of potential mathematical discrepancies.

THE WATER PROJECT-SECTION A IS SUBJECT TO SALES TAX. The labor portion is not subject to sales tax; however, the material portion is taxed accordingly. See following tax rules and regulation language.

For purposes of sales/use tax, this project falls under Nebraska Sales and Use Tax Regulation 1-017 for Contractors. By definition, a contractor is "any person who repairs property annexed to, or who annexes property to, real estate, including leased property, by attaching building materials to the annexed property or improvement being built or repaired, or who arranges for annexation of property." Please refer to www.revenue.nebraska.gov/salestax.html for additional information.

For calculating this proposal:

- All contractors are to include sales/use tax on materials in the bidder's prices, if applicable.
- **Option 1 contractors must separately state materials, sales tax, labor, and other charges on all invoices for the project. Any invoices submitted that do not include this required breakdown of the charges will not be accepted for payment. (This requirement does not apply to Option 2 or 3 contractors.)**
- The sales/use tax rate on building materials is 7.0% for projects within Hastings' city limits and 5.5% for projects outside of city limits.
- Contractor labor charges for this proposal are not subject to sales/use tax per the Nebraska Department of Revenue Notice to Contractors effective October 1, 2007.
- In submitting this bid, the bidder certifies that he will comply with all applicable laws, ordinances, and codes of the City of Hastings and the State of Nebraska.
- For this project, Contractor will supply all materials.

What contractor option have you registered with the Nebraska Department of Labor (must select one)?
Please refer to <https://dol.nebraska.gov> for additional information.

Option 1 _____

Option 2 _____

Option 3 _____

Is Nebraska Sales/Use Tax included in the above prices.

Yes _____ No _____

(ALL COSTS TO INCLUDE CITY AND STATE SALES TAX)

The undersigned bidder agrees to furnish the required performance bond and to enter into a contract within ten (10) days after acceptance of the Proposal and further agrees to complete all work covered by the foregoing Proposal in accordance with specified requirements.

**Proposal for
Lochland Meadows 17th Sub-Division
Water and Paving Project
Contract No. HU 2025-46**

Desired Project Completion Date: October 1, 2025

Exceptions: No ☐ Yes ☐ (If yes, list on ***“Instructions to Bidders”*** page)

Any modification of bid proposal will be considered non-conformance of the bid. All exceptions to the proposal shall be noted as an exception to the bid.

City of Hastings may at its own discretion delete any project area and / or component prior to award of contract. City of Hastings will award all bid sections to one contractor.

In submitting this proposal, it is further understood that the City of Hastings reserves the right to reject any or all proposals and may waive any informalities and may accept the proposal which best suits its needs. It is further understood that this proposal may not be withdrawn for a period of sixty days (60) days after bids are opened.

All bid documents, including proposals, bid bonds, subcontractor designation, etc., must be submitted with original signatures. No copies will be accepted.

OFFICIAL NAME & ADDRESS

_____	_____
Firm Name	Signature
_____	_____
Address	Typed or Printed Name
_____	_____
City, State, Zip	Title
_____	_____
Phone No.	Date
_____	_____
Fax No.	Email Address

ALL BIDS MUST BE CHECKED IN TO THE CITY OF HASTINGS
PRIOR TO 1:30 PM DEADLINE

AGREEMENT

THIS AGREEMENT, made and entered into this ___ day of _____, 2025, by and between the City of Hastings, Party of the First Part, hereinafter called the "Purchaser" or "City", and _____ of (town) _____ in the State of _____, Party of the Second Part, hereinafter called the "Contractor".

WITNESSETH: THAT,

WHEREAS: The Purchaser has caused the necessary contract documents to be prepared for defining material, equipment, and/or labor to be supplied to the City of Hastings and delivered complete as specified in the accompanying contract documents.

WHEREAS: The Purchaser has advertised for bids from Contractors, has received said bids, analyzed same and duly awarded a contract to the "Contractor", "Party of the Second Part", for material, equipment, and/or labor as hereinafter set forth and as stated more in detail in the Proposal and related contract documents to wit; Notice to Bidders, Instructions to Bidders, Specifications; all of which documents are attached hereto and made a part of this Contract.

NOW, THEREFORE: It is hereby agreed that for the sum of _____.
(\$ _____)

to be paid by the Purchaser, within Thirty (30) days after the acceptance of material, equipment, and/or labor by the Purchaser, to the Contractor, the Contractor agrees to furnish all materials, equipment, and/or labor as required by the accompanying specifications, and the aforesaid contract documents, for **HU 2025-46 Lochland Meadows 17th Sub-Division Water and Paving Project.**

All materials, equipment, and/or labor shall be in accordance with the accompanying contract documents and specifications which are as much a part of this Agreement as if repeated verbatim herein.

It is further agreed that the Contractor will start work promptly, furnish the necessary drawings promptly and complete the work in the number of days set forth in the Proposal.

IN WITNESS WHEREOF: The Parties of the First and Second Parts have hereto set their hands and seals on the day and year above written.

CITY OF HASTINGS
Party of the First Part

By: _____

Date: _____

ATTEST:

City Clerk

CONTRACTOR
Party of the Second Part

SEAL

By: _____

Title: _____

Date: _____

APPROVED TO FORM:

City Attorney

Note: If executed by one other than President, Partner or the individual Owner, a Power-of-Attorney authorizing execution should accompany this Contract.

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS:

That we, the undersigned, _____,
as principal, and _____,
a corporation organized and existing under the laws of the State of _____,
and duly authorized to transact business in the State of Nebraska, as surety are held and firmly
bound unto the CITY OF HASTINGS, NEBRASKA, a municipal corporation organized and
existing under the laws of the State of Nebraska, hereinafter referred to as CITY, in the penal sum
of _____ Dollars (\$ _____),
lawful money of the United States, for the payment of which will and truly be made, we the said
principal and the said surety do hereby bind ourselves, our heirs, executors, administrators and
assigns, jointly and severally, by these presents as follows:

The condition of this obligation is such that, whereas the principal, by an instrument in writing
attached hereto and bearing the date of _____, 20____, has agreed with the
CITY to do all work necessary and to furnish all labor, materials, supplies, tools and equipment to

as specified thereby and in the specifications, proposals and contract forming the Contract
Documents attached thereto and made a part hereof:

NOW THEREFORE, if the principal shall well and truly in good, sufficient and in a
workmanlike manner, and to the satisfaction of the CITY perform and complete the work required,
and shall defend, indemnify and save harmless the CITY against all damages, claims, demands,
expenses and charges of every kind (including claims of patent infringement) arising from any act,
omission or neglect of said principal, his agents, servants or employees, with relation to said work,
and shall pay all costs, charges, rentals and expenses for labor, materials, supplies and equipment
and deliver the said improvement to the CITY completed and ready for operation and free from all
encumbrances or claims for labor, materials or otherwise, and shall pay all other expenses lawfully
chargeable to the CITY, and this bond shall also be for the use and benefit of all persons who may
perform any work or labor or furnish any material in the execution of said Contract and may be

sued on thereby in the name of any such party claiming the benefit hereof, then this obligation shall be void, otherwise the same shall remain in full force and effect. This obligation shall be in full force and effect for the full guarantee period provided in the specifications contained herein.

PROVIDED FURTHER, that said surety for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or the work to be performed thereunder or the specifications accompanying the same shall in any way affect its obligation on this bond, and it does hereby waive notice of any change, extension of time, alteration or addition to terms of the Contract, to the work or to the specifications.

PROVIDED FURTHER, that if the principal of his, their or its subcontractor or subcontractors fail to duly pay for any labor, materials team, hire sustenance, provisions, provender or any other supplies or materials used or consumed by such contractor of his, their or its subcontractors in performance of the work contracted to be done, the surety will pay the same in any amount not exceeding the sum specified in the bond together with interest as provided by law.

IT WITNESS WHEREOF, said principal and surety have hereunto set their hands and seals at _____ this _____ day of _____, 20____,

This Bond is executed in triplicate counterparts.

	_____	Principal
(SEAL)	_____	Street Address
_____	_____	City, State, Zip
Witness	_____	Name of Person Executing
	_____	Surety
ATTEST:	By: _____	
_____	Title: _____	

MAINTENANCE BOND

KNOW ALL MEN BY THESE PRESENTS That we, _____
_____, hereinafter
called the Principal, and _____

hereinafter called the Surety, are held and firmly bound unto the CITY OF HASTINGS, County
of ADAMS, State of NEBRASKA, hereinafter called the Owner in the sum of _____

Dollars: \$ _____

lawful money of the United States of America, to be paid to the CITY OF HASTINGS,
NEBRASKA, for the payment whereof the Principal and Surety hold themselves, their heirs,
executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has, by means of a written agreement dated _____
20 _____, entered into a contract with the CITY OF HASTINGS, NEBRASKA, for the

Lochland Meadows 17th Sub-Division

HU 2025-46

a copy of which contract is by reference made a part hereof.

NOW, THEREFORE, the conditions of this obligation are such that

FIRST: If the Principal shall faithfully perform the contract on his part, and satisfy all claims
and demands incurred for the same and shall fully indemnify and save harmless the CITY OF
HASTINGS, NEBRASKA, from all cost and damage which said Owner may suffer by reason of
failure so to do, and shall fully reimburse and repay said Owner all outlay and expense which
said Owner may incur in making good any such default, and shall pay all persons who have
contracts directly with the Principal for labor and materials, and

SECOND: The Principal shall protect and hold harmless the CITY OF HASTINGS,
NEBRASKA, from any and all suits and actions of every description that may be brought
against said Owner on account of injuries to or death of persons or damage to property received
or sustained by any person or persons through the negligence of the Principal or his agents; and

THIRD: The Principal shall warrant the work constructed under his contract and keep in good repair at no cost to the Owner for a period of THREE (3) years from date of formal acceptance by said Owner, then this obligation shall be null and void, otherwise it shall remain in full force and effect.

The Principal and Surety or Sureties on this bond hereby agree to pay all persons, firms, or corporations having contracts directly with the Principal or with subcontractors, all just claims due them for labor performed or material furnished in the performance of the contract on account of which this bond is given, when the same are not satisfied out of the portion of the contract price which the public corporation is required to retain until the completion of the public improvement, but the Principal and Surety shall not be liable to said persons, firms, or corporations unless the claims of said claimants against said portion of the contract price shall have been established by law.

Every surety on this bond shall be deemed and held, any contract to the contrary notwithstanding, to consent without notice:

1. To any extension of time to the Contractor in which to perform the contract.
2. To any change in the plans, specifications or contract, when such change does not involve an increase or more than twenty percent (20%) of the total contract price, and shall then be released only as to such excess increase.
3. That no provision of this bond or of any other contract shall be valid which limits to less than five years from time of acceptance of the work the right to sue on this bond for defects in workmanship or material not discovered or known to the obligee at the time such work was accepted.

SIGNED AND SEALED THIS _____ day of _____ 20____

IN PRESENCE OF:

(Principal)

By _____
(Name) (Title)

Countersigned:

(Surety)

Resident Agent

By _____
(Attorney-in-fact)

Filed in my office this _____ day of _____ 20____

(Clerk)

Nebraska Resale or Exempt Sale Certificate

for Sales Tax Exemption

RESET FORM

PRINT FORM

FORM
13

Name and Mailing Address of Purchaser			Name and Mailing Address of Seller		
Name			Name		
Legal Name					
Street or Other Mailing Address			Street or Other Mailing Address		
City	State	Zip Code	City	State	Zip Code

Check Type of Certificate

- ☐ Single Purchase If single purchase is checked, enter the related invoice or purchase order number _____.
- ☐ Blanket If blanket is checked, this certificate is valid until revoked in writing by the purchaser.

I hereby certify that the purchase, lease, or rental by the above purchaser is exempt from the Nebraska sales tax for the following reason:

Check One ☐ Purchase for Resale (Complete Section A.) ☐ Exempt Purchase (Complete Section B.) ☐ Contractor (Complete Section C.)

Section A—Nebraska Resale Certificate

Description of Property or Service Purchased

I hereby certify that the purchase, lease, or rental of _____ from the seller listed above is exempt from the Nebraska sales tax as a purchase for resale, rental, or lease in the normal course of our business. The property or service will be resold either in the form or condition in which it was purchased, or as an ingredient or component part of other property or service to be resold.

I further certify that we are engaged in business as a: ☐ Wholesaler ☐ Retailer ☐ Manufacturer ☐ Lessor

Description of Product Sold, Leased, or Rented

of _____

My Nebraska Sales Tax ID Number is 01-_____.

If none, state the reason _____,

or Foreign State Sales Tax Number _____ State _____.

Section B—Nebraska Exempt Sale Certificate

The basis for this exemption is exemption category _____ (See the list of Exemption Categories and corresponding numbers on reverse side).

If exemption category 2 or 5 is claimed, enter the following information:

Description of Property or Service Purchased

Intended Use of Property or Service Purchased

If exemption category 3 or 4 is claimed, enter your Nebraska Certificate of Exemption State ID number. 05-_____.
Do **not** enter your Federal Employer ID Number.

If exemption category 6 is claimed, the seller must enter the following information and sign this form below:

Description of Items Sold	Date of Seller's Original Purchase	Was tax paid when purchased by seller? ☐ Yes ☐ No	Was item depreciable? ☐ Yes ☐ No
---------------------------	------------------------------------	--	---

Section C—For Contractors Only

1. Purchase of building materials or fixtures.

- ☐ As an Option 1 or Option 3 contractor, I hereby certify that the purchase of building materials and fixtures from the seller listed above are exempt from Nebraska sales tax. My Nebraska Sales or Use Tax ID Number is: _____.

2. Purchases made by an Option 2 contractor under a Purchasing Agent Appointment on behalf of _____ (exempt entity)

- ☐ As an Option 2 contractor, I hereby certify that the purchase of building materials and fixtures from the seller listed above is exempt from Nebraska sales tax pursuant to the **attached** Purchasing Agent Appointment and Delegation of Authority for Sales and Use Tax, Form 17.

Any purchaser, agent, or other person who completes this certificate for any purchase which is not for resale, lease, or rental in the regular course of the purchaser's business, or is not otherwise exempted from sales and use taxes is subject to a penalty of \$100 or ten times the tax, whichever amount is larger, for each instance of presentation and misuse. With regard to a blanket certificate, this penalty applies to each purchase made during the period the blanket certificate is in effect. Under penalties of law, I declare that I am authorized to sign this certificate, and to the best of my knowledge and belief, it is correct and complete.

sign
here

Authorized Signature

Title

Date

Authorized Signature Name (please print)

Do not send this certificate to the Nebraska Department of Revenue. Keep it as part of your records.

Sellers cannot accept incomplete certificates.

The Department is committed to the fair administration of the Nebraska tax laws. It is unlawful to claim an exemption for purchases of property or services that are subject to tax. Sellers are encouraged to notify the Department of any unlawful use of this form.

revenue.nebraska.gov, 800-742-7474 (NE and IA), 402-471-5729

Instructions

Who May Issue a Resale Certificate. Purchasers are to give the seller a properly completed Form 13, Section A, when making purchases of property or taxable services that will subsequently be resold in the purchaser's normal course of business. The property or services must be resold in the same form or condition as when purchased, or as an ingredient or component part of other property that will be resold.

Who May Issue an Exempt Sale Certificate. Form 13, Section B, may be completed and issued by governmental units or organizations that are exempt from paying Nebraska sales and use taxes. See this list in the [Nebraska Sales Tax Exemptions Chart](#). Most nonprofit organizations are **not** exempt from paying sales and use tax. Enter the appropriate number from "Exemption Categories" (listed below) that properly reflects the basis for your exemption.

For additional information about proper issuance and use of this certificate, please review [Reg-1-013, Sale for Resale – Resale Certificate](#), and [Reg-1-014, Exempt Sale Certificate](#).

Contractors. Contractors complete Form 13, Section C, part 1 or part 2 based on the option elected on the [Contractor Registration Database](#).

To make tax-exempt purchases of building materials and fixtures, Option 1 or Option 3 contractors must complete Form 13, Section C, Part 1. To make tax-exempt purchases of building materials and fixtures pursuant to a construction project for an exempt governmental unit or an exempt nonprofit organization, Option 2 contractors must complete Form 13, Section C, Part 2. The contractor must also attach a copy of a properly completed [Purchasing Agent Appointment and Delegation of Authority for Sales and Use Tax, Form 17](#), to the Form 13, and both documents must be given to the supplier when purchasing building materials. See the [contractor information guides](#) and [Reg-1-017, Contractors](#), for additional information. Also, see the Important Note under "Exemption Categories" number 3.

When and Where to Issue. The Form 13 must be given to the seller at the time of the purchase to document why sales tax does not apply to the purchase. The Form 13 must be kept with the seller's records for audit purposes.

Sales Tax Number. A purchaser who is engaged in business as a wholesaler or manufacturer is not required to provide an ID number when completing Section A. Out-of-state purchasers may provide their home state sales tax number. Section B does not require a Nebraska ID number when exemption category 1, 2, or 5 is indicated.

Fully Completed Resale or Exempt Sale Certificate. A fully completed resale or exempt sale certificate is proof for the retailer that the sale was for resale or is exempt. For a resale certificate to be fully completed, it must include: (1) identification of the purchaser and seller, type of business engaged in by the purchaser; (2) sales tax permit number; (3) signature of an authorized person; and (4) the date of issuance.

For an exempt sale certificate to be fully completed, it must include: (1) identification of purchaser and seller; (2) a statement that the certificate is for a single purchase or is a blanket certificate covering future sales; (3) a statement of the basis for exemption, including the type of activity engaged in by the purchaser; (4) signature of an authorized person; and (5) the date of issuance.

Penalties. Any purchaser who gives a Form 13 to a seller for any purchase which is other than for resale, lease, or rental in the **normal** course of the purchaser's business, or is not otherwise exempted from sales and use tax under the Nebraska Revenue Act, is subject to a penalty of \$100 or ten times the tax, whichever is greater, for each instance of presentation and misuse. In addition, any purchaser, or their agent, who fraudulently signs a Form 13 may be found guilty of a Class IV misdemeanor.

Exemption Categories

(Insert appropriate number from the list below in Section B)

1. Governmental units, identified in [Reg-1-072, United States Government and Federal Corporations](#); and [Reg-1-093, Governmental Units](#). Governmental units are not assigned exemption numbers.

Sales to the U.S. government, its agencies, instrumentalities, and corporations wholly owned by the U.S. government are exempt from sales tax. However, sales to institutions chartered or created under federal authority, but which are not directly operated and controlled by the U.S. government for the benefit of the public, generally are taxable.

Purchases by governmental units that are **not** exempt from Nebraska sales and use taxes include, but are not limited to: governmental units of other states; sanitary and improvement districts; rural water districts; railroad transportation safety districts; and county historical societies.

2. Purchases when the intended use renders it exempt. See [Nebraska Sales Tax Exemption Chart](#).
3. Purchases made by organizations that have been issued a [Nebraska Exempt Organization Certificate of Exemption](#) (Certificate of Exemption). [Reg-1-090, Nonprofit Organizations](#); [Reg-1-091, Religious Organizations](#); and [Reg-1-092, Educational Institutions](#), identify these organizations. These organizations are issued a Certificate of Exemption with a state ID number which must be entered in Section B of Form 13.

Important Note: Nonprofit educational institutions must be accredited regionally or nationally and have their primary campus in Nebraska to be exempt from sales and use tax. Also nonprofit organizations providing any of the types of health care or services that qualify to be exempt must be licensed or certified by the Nebraska Department of Health and Human Services (DHHS) to be exempt from sales and use taxes. There is no sales and use tax exemption prior to these entities being accredited, licensed, or certified. They CANNOT issue either a [Resale or Exempt Sale Certificate, Form 13](#), or a [Purchasing Agent Appointment, Form 17](#), to any retailer or contractor relating to purchases of building materials for construction or repair projects performed prior to being accredited, licensed, or certified. After an entity becomes accredited, licensed, or certified upon completion of the construction project, it may submit a [Form 4](#).

Nonprofit **health care organizations** that hold a Certificate of Exemption are exempt for purchases for use at their facility, or portion of the facility, covered by the license issued under the Nebraska Health Care Facility Licensure Act. Only specific types of health care facilities and activities are exempt. Purchases of items for use at facilities that are not covered under the license, or for any other activities that are not specifically exempt, are taxable. The exemption is not for the entire organization that offers different levels of health care or other activities, but is limited to the specific type of health care that is exempt. Purchases for non-exempt types of health care are taxable.

4. Purchases of motor vehicles, trailers, semitrailers watercraft, and aircraft used predominately as common or contract carrier vehicles; accessories that physically become part of the common or contract carrier vehicle; and repair and replacement parts for these vehicles. The exemption ID number must be entered in Section B of the Form 13. An individual or business that has been issued a common or contract carrier certificate of exemption may only use it to purchase those items described above prior to the expiration date on the certificate. The certificate of exemption expires every 5 years. (See [Nebraska Common or Contract Carrier Information Guide](#)).
5. Purchases of manufacturing machinery and equipment made by a person engaged in the business of manufacturing, including repair and replacement parts or accessories, for use in manufacturing. (See [Reg-1-107, Manufacturing Machinery and Equipment Exemption](#)).
6. Occasional sales of used business or farm machinery or equipment productively used by the seller as a depreciable capital asset for more than one year in his or her business. The seller must have previously paid tax on the item being sold. The seller must complete, sign, and give the Exempt Sale Certificate to the purchaser. (See [Reg-1-022, Occasional Sales](#)). The Form 13 must be kept with the purchaser's records for audit purposes.

Purchasing Agent Appointment and Delegation of Authority for Sales and Use Tax

RESET

PRINT

FORM
17

Section A – Purchasing Agent Appointment

Name and Address of Contractor			Name and Address of Exempt Governmental Unit or Exempt Organization		
Name			Name		
Street or Other Mailing Address			Street or Other Mailing Address		
City	State	Zip Code	City	State	Zip Code
Name and Location of Project			Appointment Information		
Name			Effective Date (See instructions)		
Street Address			Expiration Date		
City	State	Zip Code	Nebraska Exemption Number (Exempt Organizations Only)		

Provide the contract name, number, and a description of the project.

The undersigned governmental unit or exempt organization appoints the above-named contractor and the contractor's delegated subcontractors as its agent to purchase and pay for building materials that will be annexed to real estate by them into the tax exempt construction project identified above.

sign
here

Authorized Signature of Exempt Governmental Unit or Exempt Organization

Title

Date

Section B — Delegation of Contractor's Authority A contractor can delegate its authority to its subcontractor.

Name and Address of Subcontractor			Delegation Information for the Project Identified in Section A		
Name			Effective Date		
Street or Other Mailing Address			Expiration Date		
City	State	Zip Code	Portion of Project		

The undersigned contractor hereby delegates authority to the above-named subcontractor to act as the purchasing agent of the named governmental unit or exempt nonprofit organization.

sign
here

Signature of Contractor or Authorized Representative

Title

Date

Name and Address of Subcontractor			Delegation Information for the Project Identified in Section A		
Name			Effective Date		
Street or Other Mailing Address			Expiration Date		
City	State	Zip Code	Portion of Project		

The undersigned contractor hereby delegates authority to the above-named subcontractor to act as the purchasing agent of the named governmental unit or exempt nonprofit organization.

sign
here

Signature of Subcontractor or Authorized Representative

Title

Date

Name and Address of Subcontractor			Delegation Information for the Project Identified in Section A		
Name			Effective Date		
Street or Other Mailing Address			Expiration Date		
City	State	Zip Code	Portion of Project		

The undersigned contractor hereby delegates authority to the above-named subcontractor to act as the purchasing agent of the named governmental unit or exempt nonprofit organization.

sign
here

Signature of Subcontractor or Authorized Representative

Title

Date

SECTION 1

GENERAL CONDITIONS

SECTION 1-1 - DEFINITION OF WORDS AND TERMS

Wherever in these specifications or in other contract documents the following terms or pronouns in place of them are used, the intent and meaning shall be interpreted as follows:

1.101 Advertisement. The advertisement for work or materials on which bids are to be received.

1.102 Award. The decision of the City to accept the proposal of the lowest responsible bidder for the work, subject to the execution and approval of a satisfactory contract thereof and bond to secure the performance thereof, and to such other conditions as may be specified or otherwise required by law.

1.103 Bidder. Any individual, firm, or corporation formally submitting a proposal for the work contemplated, acting directly or through a duly authorized representative.

1.104 Calendar Day. Every day shown on the calendar, except weekends and holidays included: New Year's Day, Martin Luther King Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving, Friday after Thanksgiving, ½ Day Christmas Eve, and Christmas Day.

1.105 Change Order. A written order to the Contractor, signed by the Engineer, ordering a change in the work from that originally shown in the plans and specifications.

1.106 City. The word "City" as used in these specifications refers to City of Hastings, Nebraska.

1.107 Contract. The written agreement executed between the City and the Contractor, covering the performance of the work and the furnishing of labor and materials, by which the Contractor is bound to perform the work and furnish the labor and materials, and by which the City is obligated to compensate him therefore at the mutually established and accepted rate or price.

The contract shall include the "Notice to Bidders", these specifications, the Contractor's Bond, the general and detailed plans, the Proposal, Special Provisions, and Supplemental Agreements.

1.108 Contract Item. An item of work specifically described and for which a price, either unit or lump sum, is provided. It includes the performance of all work and the furnishing of all labor, equipment, and materials described in the text of a specification item included in the contract or described in any subdivision of the text of the supplemental specification or special provision of the contract.

1.109 Contract Period. The period from the date specified in the contract for the commencement of work to the date specified for its completion, both dates inclusive.

SECTION 1- GENERAL CONDITIONS

1.110 Contractor. The party of the second part to the contract; the individual, firm, or corporation undertaking the execution of the work under the terms of the contract and acting directly or through his, their, or its agents or authorized employees.

1.111 Easement (Right-of-Way). A right acquired by public authority to use or control property for a designated purpose.

1.112 Engineer. The Director of Engineering, acting either directly or through an assistant or other representative duly authorized by the Director of Engineering, such assistant or representative acting within the scope of the particular duties assigned him, or of the authority given him.

1.113 Extra Work. Work performed by the Contractor in order to complete the contract in an acceptable manner but for which there is no basis of payment provided in the contract.

1.114 Inspector. An authorized representative of the Engineer assigned to make detailed inspection of any or all portions of the work performed and materials furnished by the Contractor.

1.115 Laboratory. The testing laboratory of the City or any other testing laboratory which may be designated by the Engineer.

1.116 Maintenance Bond. Insures the owner of a completed construction project for a specified time period against defects and faults in materials, workmanship and design.

1.117 Notice to Bidders. The provisions, requirements, and instructions pertaining to the work to be awarded, manner and time of submitting proposals, quantities of the major items or work required, as prepared for the information of bidders.

1.118 Performance Bond. The approved form of security, executed by the Contractor and his surety or sureties, guaranteeing complete execution of the contract and all supplemental agreements pertaining thereto and the payment of all legal debts pertaining to the construction of the project.

1.119 Plans. The official plans, profiles, working drawings, and supplemental drawings, or exact reproductions thereof, approved by the Engineer, which show the location, character, dimensions and details of the work to be done, and which are to be considered as a part of the contract supplementary to these specifications.

1.120 Project. The specific section of the street together with all appurtenances and construction to be performed thereon under the contract.

1.121 Proposal. The offer of the bidder, submitted on the prescribed proposal form, to perform the work and to furnish the labor and materials at the prices quoted by the bidder.

1.122 Proposal Form. The approved form on which the City requires formal bids be prepared and submitted.

1.123 Proposal Guaranty. The security furnished by the bidder with his proposal for a project, as a guaranty that he will enter into a contract for the work if his proposal is accepted.

SECTION 1- GENERAL CONDITIONS

1.124 Right-of-Way. The land area which is reserved or secured by the City for constructing the work or for obtaining material therefore.

1.125 Special Provisions. Special directions, provisions or requirements peculiar to the project under consideration and not otherwise thoroughly or satisfactorily detailed or set forth in the specifications. See Section II Special Provisions.

1.126 Specifications. The general term comprising all the directions, provisions, and requirements contained herein, together with such as may be added or adopted as supplemental specifications or special provisions, all of which are necessary for the proper performance of the contract.

1.127 Subcontractor. Any individual, firm, or corporation to whom the Contractor, with the written consent of the City, sublets any part of the contract.

1.128 Superintendent. The representative of the Contractor, present on the work at all times during progress, authorized to receive and fulfill instructions from the Engineer and capable of superintending the work efficiently.

1.129 Surety. The corporate body bound with and for the Contractor for the acceptable performance of the contract and the completion of the work, and for payment of all just claims arising therefrom.

1.130 Work. Work shall be understood to mean the furnishing of all labor, materials, equipment, paying all applicable city, state, and federal taxes, and other incidentals necessary or convenient to the successful completion of the project by the Contractor and the carrying out of all the duties and obligations imposed by the contract if applicable.

1.131 Working Day. Any day, except Saturdays, Sundays, and City of Hastings holidays. Working days for a project area shall be counted consecutively from project starting date.

1.132 Completion of the Work and Formal Acceptance by the City. Whenever the term "completion of the work and formal acceptance by the City" is used, it refers to and means the formal acceptance of the work by the Engineer and the City at the time the Contractor has all work under the contract completed and in place. Release of the final pay estimate shall constitute formal acceptance by the City.

1.133 Final Acceptance of the Work. Whenever the term "final acceptance of the work" is used, it refers to and means the time when the Engineer and City finally accept the work after the expiration of the time for which the Contractor guarantees to keep the work in repair.

1.134 Abbreviations.

A.A.S.H.O.	American Association of State Highway Officials
A.S.M.E.	American Society of Mechanical Engineers
A.S.T.M.	American Society for Testing Materials
A.R.E.A.	American Railway Engineering Association

SECTION 1- GENERAL CONDITIONS

A.W.S.	American Welding Society
D.O.T.	Department of Transportation, Office of Pipeline Safety
O.S.H.A.	Occupational Safety and Health Administration
A.W.W.A.	American Water Works Association

SECTION 1-2 - PROPOSAL REQUIREMENTS AND CONDITIONS

1.201 Contents of Proposal Forms. Bidders will be furnished with proposal forms which will state the location and description of the contemplated work and will show the estimate of the various quantities and kinds of work to be performed or materials to be furnished, with a schedule of items for which unit bid prices are asked, and the time in which the work must be completed, and the date, time, and place of opening bids. All special provisions and required provisions will be grouped together and bound with or included through reference in the proposal form.

1.202 Interpretation of Quantities in Proposal Forms. The quantities listed in the proposal forms are to be considered as approximate, unless otherwise provided by special provision. It is understood that the quantities of work to be done and materials to be furnished may each be increased, diminished or omitted, as hereinafter provided, without in any way invalidating the unit bid prices, except as provided in Article 1.403.

1.203 Examination of Plans, Specifications, Special Provisions, and Site of Work. The bidder is required to examine carefully the site, and the proposal, plans, specifications, special provisions, and contract form, for the work contemplated, and it will be assumed that the bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and quantities of work to be performed and materials to be furnished, and as to the requirements of these specifications, the special provisions, and contract. It is mutually agreed that the submission of a proposal shall be considered prima facie evidence that the bidder has made such examination.

1.204 Preparation of Proposal. Bidders shall submit their proposals on blank forms furnished by the Engineer, with the full name and address and the place of business or residence of the bidder. If the bidder is co-partnership, then the signature shall be by a member of the firm, with the names and addresses of each member; and if a corporation, then by an officer of the corporation in the corporate name and with the corporate name and with the corporate seal attached thereto.

All blank spaces in the form shall be fully filled; numbers shall be stated in legible figures and writing when required; the signature shall be longhand; and the complete form shall be without interlineation, alteration or erasure.

No oral, telegraphic, telephonic, faxes, or electronically mailed proposals or modifications will be considered.

When certain alternative prices, for both increasing and decreasing the cost, are required, as called for in the proposal sheet, it must be understood that all materials and workmanship required shall be the best of their respective kinds; and in all cases, shall correspond with similar

SECTION 1- GENERAL CONDITIONS

work herein specified and, if accepted, the work shall be done under the general terms of the specifications.

1.205 Statement of Bidder's Financial Conditions. Any bidder may be required by the City to submit data to satisfy the City that such bidder is prepared to fulfill the contract if it is awarded to him.

1.206 Certified Check, Cashier's Check or Bid Bond. Each bidder must submit with his proposal a certified check, cashier's check or bid bond in the amount of not less than five percent (5%) of the amount bid, drawn to the order to the City of Hastings, Nebraska, guaranteeing the execution of the contract and bond required, within ten (10) days of the notification of award. Any certified check must be issued by a U.S. Commercial Bank.

1.207 Filing of Proposal. The proposal and the supporting proposal guaranty for each project shall be filed in separate but attached envelopes, so marked as to indicate their contents. All proposals shall be filed with the City at the place designated in the notice to bidders, prior to the time advertised for the opening of bids.

1.208 Withdrawal of Proposal. A bidder will be permitted to withdraw his proposal unopened after it has been submitted, if his request for withdrawal is made in writing and delivered personally by the bidder or his authorized representative prior to the time specified for opening bids.

1.209 Public Opening of Proposals. Proposals will be publicly opened and read at the time and place stipulated in the notice to bidders.

1.210 Material Guaranty. The bidder may be required to furnish a complete statement of the origin, composition, and manufacture of any or all materials to be used in the construction of the work, together with samples, which samples may be subjected to the tests provided for in these specifications to determine their quality and fitness for the work.

SECTION 1-3 - AWARD OF CONTRACT

1.301 Consideration of Proposals. After the proposals are opened and read, they will be compared on the basis of the summation of the products of the quantities shown in the bid schedule by the unit bid prices. The results of such comparisons will be immediately available to the public.

The right is reserved to reject any and all proposals and to waive technical errors as may be deemed best for the interest of the City.

1.302 Award of Contract. In the award of contract, consideration will be given not only to the prices bid but also the mechanical and other equipment available to the bidder, the financial responsibility of the bidder, and his ability and experience in the performance of like or similar contracts.

SECTION 1- GENERAL CONDITIONS

The award of alternatives proposed will be selected not only of the price but of the quality of the products provided, availability of replacement parts, repair, connection to future or existing systems, longevity, durability, function, and all other engineering and operational consideration.

Award of contracts will be made as promptly as practical after bids have been opened and read. The City reserves the right to delay the award for such time as is needed for the consideration of the bids, and for the receipt of concurrence in recommended contract awards from other governmental agencies whose concurrence may be required.

1.303 Cancellation of Award. The City reserves the right to cancel the award of any contract at any time before the execution of the said contract by all parties without any liability against the City.

1.304 Return of Proposal Guaranty. Proposal guaranties will be returned to the unsuccessful bidders by mail promptly after the signing of the contract has been made. Return to the successful bidder will be made after the signing of the contract and filing of the contract bond.

1.305 Maintenance Bond. The Contractor shall furnish a maintenance bond with a company having the approval of the City in an amount of one hundred percent (100%) of the completed construction project for a specified time period of three (3) years against defects and faults in materials, workmanship, and design.

In the event that Contractor chooses to submit a bond other than the bond from contained in this package, such submission is done at the risk of the bidder. All such substituted bond forms shall contain indemnification both for performance and warranty as set out more fully in these documents

1.306 Performance Bond. The Contractor shall furnish a performance bond with a company having the approval of the City in an amount of one hundred percent (100%) of the contract price guaranteeing complete and faithful performance of the contract, payment of all bills of whatever nature which could become a lien against the property.

In the event that Contractor chooses to submit a bond other than the bond from contained in this package, such submission is done at the risk of the bidder. All such substituted bond forms shall contain indemnification both for performance and warranty as set out more fully in these documents.

1.307 Failure to Execute Contract. Failure to execute a contract and file an acceptable performance bond, as provided herein, within ten (10) days from date of award shall be just cause for the annulment of the award and the forfeiture of the certified check, bid bond, or cashier's check to the City, not as a penalty but in liquidation of damages sustained.

SECTION 1-4 - SCOPE OF WORK

1.401 Intent of Plans and Specifications. The intent of the plans and specifications is to provide for the construction and completion of every detail of the work described therein. It shall be understood by the Contractor that he will furnish all labor, materials if applicable, tools, transportation, and supplies required for all or any part of the work to make each item complete in accordance with the spirit of the contract. It is understood that the apparent silence of the specifications as to any detail, or the apparent omission of a detailed description concerning any

SECTION 1- GENERAL CONDITIONS

point, shall be regarded as meaning that only the best general practice is to prevail, and that only materials and workmanship of the best quality are to be used.

For the purpose of design and the preparation of the Engineer's estimate, the City may perform a reasonable amount of exploratory work to gain information relative to surface and subsurface conditions relating to types of soil, moisture content and types and extent of rock strata.

This information, when shown on the plan, represents to the best of the City's knowledge, conditions as of the date the survey was made. The appearance of this information on the plan will not constitute a guarantee that conditions other than those indicated will not be encountered at the time of construction.

The bidder may utilize this information as he sees fit. Any bidder interested in the work is authorized to make whatever additional investigation he considers advisable.

In making such additional investigation, the bidder is directed to the Engineer for information relating to available right-of-way. If there are, at that time, any parcels of land over which the City does not have jurisdiction, right of entry must be secured by the prospective bidder from those authorized to grant such permission.

1.402 Special Work. Any conditions not covered by these standard specifications are stated in the special provisions.

1.403 Increased or Decreased Quantities of Work. The Engineer reserves the right to alter the quantities of contract items for which there are bid prices. Such increases or decreases in quantities shall be made as he considers necessary or desirable without waiving or invalidating any of the provisions of the contract; provided, that all such alterations shall be ordered in writing and that a supplemental agreement shall be executed with the Contractor for the item or items involved, when such alterations involve an increase or decrease of more than twenty percent (20%) of the total cost of the work of any group of the contract calculated from the original proposal quantities and the contract unit prices. The Contractor shall not start on any alteration requiring a supplemental agreement until the agreement setting forth an equitable adjustment of compensation, satisfactory to both parties, shall have been executed by the Engineer and the Contractor.

1.404 Changes in Work - Change Order. The City reserves the right to order the performance of work of a class not contemplated in the proposal but which may be considered necessary to complete satisfactorily the work included in the contract. All change orders must be approved in writing prior to start of work.

- a. If applicable unit prices are not contained in the Agreement or if the total net change increases or decreases the total Contract Price more than twenty (20) percent, the City shall, before ordering the Contractor to proceed with desired changes, request an itemized proposal from him covering the work involved in the change after which the procedures shall be as follows:
 1. If the proposal is acceptable, the City will prepare the change order in accordance therewith for acceptance by the Contractor.

SECTION 1- GENERAL CONDITIONS

2. If the proposal is not acceptable and prompt agreement between the two parties cannot be reached, the City may order the Contractor to proceed with the work on a cost-plus-limited basis. A cost-plus-limited basis is defined as the net cost of the Contractor's labor, materials, and insurance plus fifteen (15) percent of said net cost to cover overhead and profit, the total cost not to exceed a specified limit.
- b. Each change order shall include in its final form:
 1. A detailed description of the change in the work.
 2. The Contractor's proposal (if any) or a conformed copy thereof.
 3. A definite statement as to the resulting change in the Contract Price and any impacts on project schedule.
 4. The statement that all work involved in the change shall be performed in accordance with Contract requirements except as modified by the change order.

1.405 Removal and Disposal of Structures and Obstructions. The Contractor for bridge and culvert work shall remove any existing structure or part of structure that in any way interferes with the new construction. If specific payment for such work has not been provided in the contract, it will be paid for as extra work.

The Contractor shall remove any materials or structures found on the right-of-way which are not to remain in place or which have not been designated for use in the new construction. The removal and disposal of pipe culverts will not be paid for directly, but shall be considered as incidental work, and the cost of such removal and disposal shall be considered to be included in the contract price for other items. Pipe culverts shall be removed by methods that will cause a minimum of damage to the pipe culverts. The removal and disposal of bridges or other masonry or monolithic concrete construction will be paid for. If the contract does not contain an item for such work, it will be paid for as extra work. Whenever City of Hastings requires abandonment of old utility mains or services, the Contractor shall plug or cap all open ends.

1.406 Rights In and Use of Materials Found on the Right-of-Way. Unless stated to the contrary in the contract documents, all materials, such as stone, gravel, sand, timber, and structures or parts of structures, found on the right-of-way of the street or on land acquired for the work, are the property of the City or the City of the fee title to the land, and shall not be used or destroyed by the Contractor without special permission from the Engineer. When the Contractor is permitted to use materials found on the right-of-way, any excavations that he makes below the grade elevation shall be backfilled with other suitable materials so that the finished street will conform to the grade shown on the plans. No extra compensation will be allowed for such backfilling.

When rock excavation is encountered, any portion of rock excavation which would otherwise be deposited in waste areas and not be incorporated in the embankments may be processed and used, royalty free, by the Contractor in any other portion of the construction in which material of that quality would be acceptable. No deduction will be made from excavation quantities for rock so used.

SECTION 1- GENERAL CONDITIONS

1.407 Right-of-Way. Right-of-Way for the work will be provided without cost to the Contractor. Right-of-way will be made available to the Contractor on or before the date specified for the commencement of the work, unless a later date for the right-of-way to be made available to the Contractor is designated in the contract documents.

1.408 Railroad Crossings. Whenever the work involves construction with which railroad companies are concerned, the performance of the work is contingent upon arrangements with the railroad companies for the proposed construction. No claims will be allowed for loss or damage caused by failure to complete such arrangements. The Contractor is responsible to pay for any railroad required Contractor's fees.

SECTION 1-5 - CONTROL OF WORK

1.501 Authority of Engineer. The Engineer will decide any questions that arise with reference to the intent of the contract documents and compliance therewith. They will resolve all questions relating to materials, work, progress, disputes and mutual rights between contractors, fulfillment of contract and compensation, in accordance with the provisions of these specifications.

1.502 Plans and Working Drawings. The approved plans will be supplemented by such working drawings as are necessary to adequately control the work. It is mutually agreed that all authorized alterations affecting the requirements and information given in the approved plans shall be in writing.

Working drawings for any structure shall consist of such detailed plans as may be required of the Contractor for the execution of the work. These are not included in the plans furnished by the Engineer. They shall include shop details, erection plans, masonry, and form work. The Engineer's prior approval of the shop details must be obtained before any fabrication work involving these plans is performed. Erection plans, masonry layout diagrams, and plans for cribs, cofferdams, false work, centering and framework, as well as any other working drawings not previously mentioned, may be required of the Contractor and shall be subject to the Engineer's approval.

1.503 Alteration of Plans or of Character of Work. The Engineer shall have the right to make alterations in plans or character of work as may be considered necessary or desirable during the progress of the work to complete satisfactorily the proposed construction. Such alterations shall not be considered as a waiver of any conditions of the contract or invalidate any of the provisions thereof.

1.504 Coordination of Plans, Specifications, Special Provisions and Supplemental Specifications. These specifications, the supplemental specifications, the plans, special provisions, and all supplementary documents are essential parts of the contract, and a requirement occurring in one is as binding as though occurring in all. They are intended to be complimentary and to describe and provide for a complete work.

1.505 Cooperation of Contractor. The Contractor will be supply a minimum of two sets of approved plans and contract assemblies, including special provisions, one set of which the contractor shall keep available on the work at all times.

The Contractor shall give the work the constant attention necessary to facilitate the progress thereof, and shall cooperate with the Engineer and other contractors in every way possible.

SECTION 1- GENERAL CONDITIONS

Before any work is started, the contractor shall submit a project schedule for review. This schedule is to be updated monthly as progress may alter. Regular progress meetings may be scheduled at the discretion of the Engineer.

The Contractor shall at all times have on the work, as his agent, a competent superintendent capable of reading and thoroughly understanding the plans and specifications, knowledgeable in the pertinent industry codes and standards, thoroughly experienced in the type of work being performed, who shall receive instructions from the Engineer or his authorized representatives. In the event the superintendent fails to meet the requirements, they shall be subject to replacement as requested by the Engineer.

The superintendent shall have full authority to execute the orders or directions of the Engineer without delay, and to promptly supply such materials, equipment, tools, labor and incidentals as may be required. Such superintendent shall be furnished irrespective of the amount of work sublet.

Before starting any work under this Contract, the Contractor shall file with the City a letter signed by an officer of the company (or City, or partner, as the case may be), giving the name, address, and telephone number of the superintendent who is to represent the Contractor in all matters with prosecution of the work and who is to officially receive on behalf of the Contractor, notices or directions issued by the City or its Engineer, and act upon them as required. If, during the life of the Contract, a change in superintendents is made by the Contractor, a new letter shall be filed simultaneously with the change.

1.506 Surveys. Lines and elevations shall be established by the Engineer before the work commences, and the Contractor shall obtain lines and elevation from the points so set by the Engineer. The Contractor shall furnish all stakes necessary for lines and elevations and necessary cooperation for the Engineer in setting same.

All property pins, section corners, right of way monuments, permanent bench marks (brass caps), and all other survey monuments disturbed or removed by the Contractor shall be replaced by a licensed Surveyor at the expense of the Contractor. The Contractor shall take all necessary precaution to maintain in good condition all survey monuments.

The Contractor will insure the Engineer or his representative is present to verify the elevation of each sanitary sewer manhole set or tied into. The Contractor will also insure the Engineer or his representative is present to verify the location of all utilities (highways, railroads, drainage, etc.) uncovered, crossed, or otherwise exposed during the completion of the project. The Contractor shall keep the Engineer or his representative abreast of activities so adequate response by the Engineer or his representative can be made without unduly delaying the construction process. A 24 hour notice may be enforced if sufficient time is not allowed by the Engineer or his representative to conduct all necessary field surveys.

See specification 2.015 for additional information.

1.507 Authority and Duties of Inspector. The City may appoint inspectors to represent the Engineer in the inspection of all materials used in and all work done under the contract. Such inspection may extend to any part of the work and to the preparation of manufacture of the

materials to be used. The Inspector will not be permitted to modify in any way the provisions of the contract documents, nor to delay the work by failing to inspect materials and work with reasonable promptness. An inspector is placed on the work to keep the Engineer informed as to its progress and the manner in which it is being done; also, to call the Contractor's attention to any infringements of the contract documents. The Inspector will not act as foreman or perform other duties for the Contractor, not improperly interfere with the management of the work. He will not be authorized to approve or accept any portion of the work. In case of dispute between the Contractor and Inspector as to quality of materials or the manner of performing the work, the Inspector shall have authority to reject materials or suspend the work until the question at issue can be decided by the Engineer. Written notice of the suspension of work will be given to the Engineer and the Contractor.

Upon the failure of Contractor or its Subcontractors to comply with any of the requirements of this Contract (but not limited to quality or safety), the City shall have the authority to stop any portion of the work affected by such failure until such failure is remedied. If the City issues a Stop Work Order, the City shall not be liable for any costs or expenses claimed by Contractor arising out of such issuance. The construction schedule shall not be delayed or extended as a result of the City's issuance of a Stop Work Order.

1.508 Inspection of Work.

- a. The Contractor shall notify the City sufficiently in advance of backfilling or concealing any facilities to permit proper inspection. If any facilities are concealed without approval or consent of the City, the Contractor shall uncover for inspection and recover such facilities, all at his own expense.
- b. The Contractor shall furnish the Engineer with every reasonable facility for ascertaining whether the work is being performed in conformance with the contract documents. At any time before acceptance of the work, upon request of the Engineer, the Contractor shall remove or uncover such portions of the finished work as the Engineer may direct. After examination has been made, the Contractor shall restore such portions of the work to the standard required by the contract documents.
- c. Should it be considered necessary or advisable by the City any time before final acceptance of the entire work to make an examination of work already completed by uncovering the same, the Contractor shall on request promptly furnish all necessary facilities, labor and material. If such work is found to be defective in any important respect, due to fault of the Contractor or his Subcontractors, the Contractor shall defray all expenses of such examination and of satisfactory reconstruction. If, however, such work is found to meet the requirements of the Contract, the actual cost of labor and material necessarily involved in the examination and replacement, plus fifteen (15) percent of such costs to cover superintendent's, general expenses and profit, shall be allowed the Contractor and he shall in addition, if completion of the work of the entire Contract has been delayed thereby, be granted a suitable extension of time on account of the additional work involved.

1.509 Removal of Defective Work. Any defective work shall be removed and replaced at the Contractor's expense. Should the Contractor fail or refuse to remove defective work when so ordered by the Engineer, the Engineer shall have authority to order the Contractor to suspend further operations, and may withhold payment on estimates until such defective work has been removed and

replaced in accordance with the plans and specifications. Continued failure or refusal on the part of the Contractor to correct defective work promptly shall be sufficient cause for the City to declare the contract in default, and to proceed to have the work completed in accordance with Article 1.808.

1.510 Final Inspection. Upon written notification by the Contractor or his authorized representative that the work is completed, the Engineer shall make a final inspection within 10 days of the completion of all work included in the contract. If the work is found not to be in accordance with the contract documents, the Engineer shall provide the Contractor with a "Punch List" of the particular defects to be remedied.

Once the Engineer and Contractor determines the work is completed a written Notice by the Engineer shall be given to the Contractor within 10 days of the completion of all work items.

1.511 Review By City. The City, its authorized representatives and agents shall at all time have access to and be permitted to observe and review all work, materials, equipment, payrolls, personnel records, employment conditions, material invoices, and other relevant data and records pertaining to this Contract, provided, however, that all instructions and approval with respect to the work will be given to the Contractor only by the City through its authorized representatives or agents.

1.512 Quality Control. The contractor shall make every effort to provide control of the workmanship of the project. This shall include but not be limited to the following construction practices.

1. Concrete surfaces of sidewalks, paving, slab on grade and other related concrete work shall be smooth and constructed to the elevations as shown on the plans or as directed by the Engineer. An acceptable construction tolerance shall be agreed upon before work is to begin. The Contractor shall notify the Engineer 72 hours before any work is to begin which will involve concrete finishing.
2. Lines and grades of all pipes, conduits, casing, grading, etc. shall be constructed according to the plans or as directed by the Engineer. An acceptable construction tolerance shall be agreed upon before any pipeline, conduit installation, casing installation, or grading begins.
3. Any damages caused by the contractor are to be addressed in a timely manner. In the event the Contractor has not started to make the necessary repairs or adjustments, the City is hereby authorized to make the repairs or adjustments or to order the work to be done by a third party, the cost of the work to be paid by the Contractor.

SECTION 1-6 - CONTROL OF MATERIALS.

1.601 Source of Supply and Quality Requirements. The materials used on the work shall meet all quality requirements of the contract. In order to expedite the inspection and testing of materials, the Contractor shall notify the Engineer of his proposed sources of materials prior to delivery. At the option of the Engineer, approval of the source or approval of materials at the source prior to delivery may be required. If it is found after trial that sources of supply for previously approved materials do not produce specified products or when conditions are such that the use of unfit materials cannot be prevented except by extraordinary inspection methods, the Contractor shall furnish materials from other sources. Before delivery is started and at any time during the process of preparation and use, the materials shall be subject to the approval of the Engineer.

All materials supplied shall be new and undamaged.

1.602 Storage of Materials. The Contractor shall be responsible for the care and storage of materials delivered on the work or purchased for use thereon. Any material that has been delivered on the work and has become damaged before actual incorporation in the work may be rejected by the Engineer even though it may previously have been accepted. Stored materials shall be so located as to facilitate thorough inspection.

1.603 Unacceptable Materials. All materials not conforming to the requirements of the specifications at the time they are to be used shall be considered as unacceptable and all such materials will be rejected and shall be removed immediately from the site of the work unless otherwise instructed by the Engineer. No rejected material, the defects of which have been corrected, shall be used until approval has been given.

1.604 Guarantee. The Contractor shall guarantee the design, equipment, materials, and workmanship furnished under this Contract to be as specified and to be free from defects during the guarantee period. In addition, the equipment and materials furnished by the Contractor shall be guaranteed to be free from defects in design.

Except as otherwise prescribed by the terms of any special guarantees required by the contract documents, the guarantee period shall begin on the date of formal acceptance by the City and shall end 36 months later.

Upon notification, the Contractor shall promptly make all adjustments, repairs, or replacements which, in the opinion of the Engineer or City, arose out of defects and became necessary during the guarantee period.

The cost of all materials, parts, labor, transportation, supervision, special tools, and supplies required for replacement or repair of parts and for correction of defects shall be paid by the Contractor or by the surety.

This guarantee shall be extended to cover all repairs and replacements furnished under the guarantee, including repair for ditch settlement, and the period of the guarantee for each such repair or replacement shall be 36 months after installation or the end of the project guarantee period, whichever is later, except as otherwise prescribed by the terms of any special guarantees required by the contract documents.

If within 10 days after the City has notified the Contractor of a defect, failure, or abnormality in the work, the Contractor has not started to make the necessary repairs or adjustments, the City is hereby authorized to make the repairs or adjustments or to order the work to be done by a third party, the cost of the work to be paid by the Contractor.

In the event of an emergency where, in the judgment of the City, delay would cause serious loss or damage, repairs or adjustments may be made by the City, or a third party chosen by the City, without advance notice to the Contractor and the cost of the work shall be paid by the Contractor or by the surety.

The acceptance of the installation, or any part of it, shall not act to waive this liability on the part of the Contractor.

1.605 "Or Equal" Clause. Whenever, in any section of the contract documents, plans or specifications, any article, materials, or equipment is defined by describing a proprietary product or by using the name of a manufacturer or vendor, the term "or approval equal", if not inserted, shall be implied. The specified article, material, or equipment mentioned shall be understood as indicating the type, function, minimum standard or design, efficiency and quality desired, and shall not be construed in such a manner as to exclude manufacturer's products of comparable quality, design and efficiency. The Engineer shall determine the acceptability of articles, materials or equipment proposed as equals.

1.606 Shop Drawings. The Contractor shall submit for review and approval all shop drawings as indicated in these specifications before the beginning of construction. Failure to submit shop drawings shall suspend payment of any materials delivered or installed. This includes delivery of materials in storage. These requirements will be strictly enforced.

SECTION 1-7 - LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC

1.701 Laws to be Observed. The Contractor shall keep himself fully informed of, and at all times, shall observe and comply with all federal and state laws, all local bylaws, ordinances, and regulations, and all orders and decrees of bodies or tribunals having any jurisdiction or authority, which in any manner affect those engaged or employed on the work, or which in any way affect the conduct of the work. The Contractor shall protect and indemnify the City and its representatives against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, order, or decree, whether by himself or his employees. It shall be the responsibility of the Contractor to provide all safeguards, safety devices and protective equipment and to take any other needed actions as are reasonably necessary to protect the life and health of employees on the project.

Work Eligibility Status. As required under Nebraska LB 403 for any contract entered into after October 1, 2009 the Contractor must register and use a federal immigration verification system, such as the E-Verify Program or an equivalent federal program designated by the United States Department of Homeland Security or other federal agency authorized to verify the work eligibility of a newly hired employee pursuant to the Immigration Reform and Control Act of 1986, to determine the work eligibility status of new employees physically performing services within the State of Nebraska.

1.702 Fair Labor Standards. The Contractor agrees to comply with all current applicable State, Federal, and City fair labor standards in the execution of the contract.

1.703 Permits. The Contractor shall procure and pay for all permits, licenses and bonds necessary for the execution of his work and/or required for municipal, state and federal regulations and laws.

1.704 Restoration of Surfaces Opened by Permit. Upon the presentation of a duly authorized and satisfactory permit from the City, which provides that all necessary repair work will be paid for by the party to whom such permit is issued, the Engineer may authorize the Contractor to allow parties bearing such permits to make openings in the street. The Contractor shall make in an acceptable manner all necessary repairs due to such openings, and such necessary work ordered by the Engineer shall be paid for as provided in these specifications.

1.705 Safety, Health and Sanitation. In the performance of his contract, the Contractor shall comply with all applicable federal, state and local laws governing safety, health and sanitation.

- a. The Contractor shall exercise proper precaution at all time for the protection of persons and property and shall be responsible for all damages to persons or property either on or off the site, which occur as a result of his prosecution of the work. The safety provisions of applicable laws and building and construction codes and OSHA shall be observed, and the Contractor shall take or cause to be taken such additional safety and health measures as the City may determine to be reasonably necessary. Machinery, equipment and all hazards shall be guarded in accordance with the safety provisions of the "Manual of Accident Prevention in Construction," published by the Associated General Contractors of America, Inc., to the extent that such provisions are not in conflict with applicable local laws. The Contractor shall comply with the latest edition of Part VI of the Manual on Uniform Traffic Control Devices. The Contractor shall install plastic fence on open holes when directed by the Inspector. The Contractor shall wear hard hats and safety glasses at all times on the construction site.
- b. The Contractor shall maintain an accurate record all cases of death, occupational disease, or injury requiring medical attention or causing loss of time from work, arising out of and in the course of employment on work under the Contract. The Contractor shall promptly furnish the City with reports concerning these matters.
- c. The Contractor shall indemnify and hold harmless the City and the Engineer and their agents and employees from and against all claims, damages, losses and expenses including attorney's fees arising out of or resulting from the performance of the work, provided that any such claim, damage, loss or expense 1) is attributed to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the work itself) including the loss of use resulting therefrom, and 2) is caused in whole or in part by any negligent act or omission of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder.

In any and all claims against the City or the Engineer or any of their agents or employees by any employee of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under this paragraph "c" shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor or any Subcontractor under Workmen's Compensation acts, disability benefit acts or employee benefit acts.

The obligation of the Contractor under this paragraph "c" shall not extend to the liability of the Engineer, his agents or employees arising out of 1) the preparation or approval of maps, drawings, opinions, reports, surveys, Change Orders, designs or specifications, or 2) the giving of or failure to give directions or instructions by the Engineer, his agents or employees provided such giving or failure to give is the primary cause of the injury or damage.

The Contractor shall immediately correct any unsafe conditions identified by the City. In the event the Contractor fails to immediately correct such unsafe conditions, the City may either have the unsafe conditions corrected by others at the Contractor's expense, or direct that the work be stopped in the area of the unsafe condition; however, this right to stop/suspend the work shall not give rise to any duty on the part of the City to exercise this right.

The Contractor waives the right to bring claim for damages against the City or Engineer for the correction of unsafe conditions or work stoppages in connection with the Contractor's Safety, Health, and Accident Prevention Program or such program of another contractor. If such a claim against the City or Engineer is brought by a third party, the Contractor shall indemnify and defend the City or Engineer against such claim. The Contractor shall submit to City of Hastings a current copy of the company safety manual before starting work.

1.706 Claims for Labor and Materials. The Contractor shall indemnify and save harmless the City from all claims for labor and materials furnished under this contract. When requested by the City, the Contractor shall submit satisfactory evidence that all persons, items, or corporation who have done work or furnished materials under this contract, for which the City may have become liable under the laws of the State, have been fully paid or satisfactorily secured. In case such evidence is not furnished or is not satisfactory, an amount will be retained from money due the Contractor which, in addition to any other sums that may be retained, will be sufficient, in the opinion of the City, to meet all claims of the persons, firms, and corporations as aforesaid. Such sum shall be retained until the liabilities as aforesaid are fully discharged or satisfactorily secured.

1.707 Contractor's Insurance Coverage. The Contractor shall not commence work under this Contract until Contractor has obtained all the insurance required under this article. Furthermore, the Contractor shall not allow any sub-contractor to commence work under this Contract until the sub-contractor has obtained the same insurance as is required of the Contractor. The sub-contractor alone shall be responsible for the sufficiency of its own insurance program.

Certificates of Insurance. Certificates of Insurance acceptable to the City shall be filed with the City prior to commencement of the work. These Certificates shall contain a provision that coverages afforded under the policies will not be canceled, or materially altered, until at least 30 days prior written notice has been given to the City. All insurance carried shall conform to the relevant provisions of the respective Project Documents and be with insurance companies which are rated "A, X" or better by Best's Insurance Guide, or other insurance companies of recognized responsibility satisfactory to the City.

Additional Insureds. Insurance coverages furnished under this Contract, with the exception of Workers' Compensation and Employer's Liability, shall include the City of Hastings and their partners, directors, officers, agents, and employees as Additional Insureds on a primary and noncontributory basis, and shall include Products and completed operations with respect to the activities of the Contractor and shall be maintained for the full duration of the project including for a period after completion to include the statute of repose.

Notwithstanding any other provision of these policies, the insurance afforded shall apply separately to each insured, with respect to any claim, suit, or judgment made or brought by or for any other insured, as though a separate policy had been issued to each, except the insurer's

liability shall not be increased beyond the amount or amounts for which the insurer would have been liable had only one insured been named.

The City shall not by reason of their inclusion under these policies incur liability to the insurance carrier for payment of premium for these policies.

Waiver Of Subrogation. The Contractor and their sub-contractor shall require their insurance carriers, with respect to all insurance policies, to waive all rights of subrogation against the City their partners, directors, officers, agents, and employees.

Workers' Compensation And Employer's Liability Insurance. The Contractor shall procure, and shall maintain during the life of this Contract, Workers' Compensation Insurance as required by workers' compensation laws of the State of Nebraska and also of the state in which the sub-contractor is domiciled.

The Contractor shall also be protected against claims for injury, disease, or death of employees which, for any reason, may not fall within the provisions of a workers' compensation law. The Employer's Liability Insurance shall contain the following limits of liability:

Bodily Injury by Accident	\$500,000 each accident
Bodily Injury by Disease	\$500,000 each employee
Bodily Injury by Disease	\$500,000 policy limit

General Liability Insurance. This insurance shall be written per project on an “occurrence” policy form, including coverage for premises/operations, products/completed operations, broad form property damage, blanket contractual liability, independent contractor’s and personal injury, with no exclusions for explosion, sudden and accidental pollution or an absolute or total pollution exclusion, collapse and underground perils. The commercial general liability policy shall also include a severability of interest clause and a cross liability clause in the event more than one entity is “named insured” under the liability policy. If applicable, this policy shall also be endorsed to include railroad protective with limits no less than replacement cost of the value of any real property covered under any rail agreement entered into by the City. If work is being done near a railroad track, the 50’ railroad right of way exclusion must be deleted.

Limits of Insurance shall be as follows:

Each Occurrence Limit	\$1,000,000
Products/Completed Operations	\$2,000,000
General Aggregate Limit	\$2,000,000
Personal and Advertising Injury	\$1,000,000

Pollution Liability – (If Applicable).

Limits of at least: \$1,000,000 per occurrence; \$1,000,000 aggregate

If Contractor or its Sub-subcontractor's work includes but not limited to remediating, handling, processing or disposing of hazardous material including but not limited to asbestos containing materials, silica, lead, PCBs, contaminated soil, etc, coverage shall be provided for bodily injury, property damage and clean-up costs resulting for pollution conditions.

Riggers Liability – (If applicable). Should work involve the moving, lifting, lowering, rigging or hoisting of property or equipment Contractor shall carry Rigger's Liability Insurance to insure against physical loss or damage to the property or equipment on a Replacement Cost Basis

Automobile Liability Insurance. This insurance shall be written under a Business Auto Policy and shall protect the Contractor and Additional Insureds against claims arising from injuries to members of the public or damage to property of others arising from the use of automobiles whether such automobiles are owned, non-owned, or hired. Automobile insurance shall include Motor Carrier Endorsement Act MCS 90 and transportation pollution coverage if applicable. If work is being done near a railroad track, the 50' railroad right of way exclusion must be deleted.

Limit of Liability	\$1,000,000 each accident
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Umbrella Liability Policy. This insurance shall protect the Contractor and the Additional Insureds against all claims in excess of the limits provided under the employer's liability, automobile liability, and general liability policies. The liability limits of the umbrella liability policy shall be not less than \$5,000,000 per occurrence. This policy shall be an "occurrence" type policy. However, City reserves the right to require higher limits with respect to each project.

Professional Liability (Applicable for contractors providing or is responsible for providing design/engineering/surveying services/or consulting services):

Limits of at least:	\$1,000,000 per occurrence; \$1,000,000 aggregate
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Policy shall provide for a retroactive date prior to the starting date of services for which this agreement applies. Policy shall not exclude bodily injury, property damage, or pollution liability. Coverage shall remain in force for a minimum of 3 years following substantial completion of construction through either policy renewal or the purchase of an Extended Reporting Provision. Contractor agrees to waive its rights of recovery. Subcontractor's insurer shall endorse the policy to waive subrogation against Owner and their respective agents, officers, directors and employees.

Transportation Insurance. Contractor shall purchase inland marine coverage at the expense of Contractor on all equipment and materials, where City has an insurable interest. Insurance shall protect for Contractor and City from physical loss of equipment while loading, unloading, in transit to jobsite, and until equipment or materials have been installed or received by City.

Proof of Carriage of Insurance. Satisfactory certificates of insurance shall be filed with the City prior to starting any construction work on this contract. The certificates shall state that thirty (30) days written notice shall be given to the City before any policy covered thereby is changed or canceled.

Indemnification. To the fullest extent permitted by laws and regulations, the Contractor shall defend, indemnify, and hold harmless the City, their officers, directors, partners, consultants, agents, and employees from and against all claims, damages, losses, and expenses, direct, indirect, or consequential (including but not limited to fees and charges of engineers, architects, attorneys, and other professionals and court and arbitration costs) arising out of or resulting from the performance of the work by the Contractor, any sub-contractor, any person or organization directly or indirectly employed by any of them to perform or furnish any of the work, or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder or arises by or is imposed by law and regulations regardless of the negligence of any such party.

In any and all claims against the City, or of any of their officers, directors, partners, consultants, agents, or employees by any employee of the Contractor, any sub-contractor, any person or organization directly or indirectly employed by any of them to perform or furnish any of the work or anyone for whose acts any of them may be liable, this indemnification obligation shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the Contractor or any such sub-contractor or other person or organization under workers' or workmen's compensation acts, disability benefit acts, or other employee benefit acts, nor shall this indemnification obligation be limited in any way by any limitation on the amount or type of insurance coverage provided by the City, the Contractor, or any of their sub-contractors.

Property Insurance A.K.A. Builder's Risk. Unless otherwise provided, the CONTRACTOR shall purchase and maintain property insurance, a.k.a. builder's risk insurance, on the building construction project in amount thereto for entire work at site on a replacement cost basis. Such property insurance shall be maintained, unless otherwise provided in contract documents or otherwise agreed in writing by all persons and entities who are beneficiaries of such insurance, until final acceptance of work by OWNERS. Insurance shall include interests of OWNERS, CONTRACTOR, SUBCONTRACTOR, and sub-subcontractors in work. This property insurance covering work will have deductible for each occurrence, which will be responsibility of CONTRACTOR.

Before an exposure to loss may occur, the CONTRACTOR will provide a copy of the property insurance policy or evidence of property insurance, upon request that includes all property insurance coverages. The CONTRACTOR will not cancel or allow such policy to expire without written notice to the other.

Waivers of Subrogation: OWNER and CONTRACTOR and all SUBCONTRACTORS waive all rights against

(1) each other and any of their subcontractors, sub-subcontractors, agents and employees, each of the other, and (2) OWNER'S or CONTRACTOR'S consultants, separate contractors, if any, and any of their subcontractors, sub-subcontractors, agents and employees, for damages caused by fire or other perils to extent covered by property insurance obtained, or other property insurance applicable to work, except such rights as they have to proceeds of such insurance held by OWNER and/or CONTRACTOR as fiduciary. OWNER and/or CONTRACTOR, as appropriate, shall require of OWNER'S and/or CONTRACTOR'S consultants, separate

contractors, if any, and subcontractors, sub-subcontractors, agents and employees of any of them, by appropriate agreements, written where legally required for validity, similar waivers each in favor of other parties enumerated herein. Policies shall provide such waivers of subrogation by endorsement or otherwise. A waiver of subrogation shall be effective as to a person or entity even though that person or entity would otherwise have a duty of indemnification, contractual or otherwise, did not pay insurance premium directly or indirectly and whether or not person or entity had an insurable interest in property damaged.

1.708 Contractor's Responsibility for Utility Property and Services. At points where the Contractor's operations are adjacent to properties of railway, telephone and power companies, or are adjacent to other property, to which damage might result, work shall not be commenced until all arrangements necessary for the protection thereof have been made.

The Contractor shall cooperate with any of the City's underground or overhead utility lines in their removal and rearrangement operations in order that these operations may progress in a reasonable manner, and that duplication of rearrangement work may be reduced to a minimum, and that services rendered by those parties will not be unnecessarily interrupted.

In the event of interruption to water or utility services as a result of accidental breakage, or as a result of being exposed or unsupported, the Contractor shall promptly notify the proper authority. He shall cooperate with the said authority in the restoration of service as promptly as possible.

In no case shall interruption to water service be allowed to exist outside of working hours. Fire hydrants shall be kept accessible to the Fire Department at all times and no materials shall be kept or stockpiled within fifteen (15) feet of any fire hydrant.

The Contractor must cooperate with the utility companies and schedule his work in such a manner as to protect the existing utility facilities until the facilities are abandoned or replacement facilities are completed. In instances where partial grading is necessary before a utility can install its facilities, the Contractor shall consult with the utility and plan the work so that reasonable time can be allowed the utility for completing its work.

Contractor shall exercise particular care at all times to avoid damage to any of City of Hastings system or other facilities and equipment located at or near the scene of any part of the work, especially such facilities as may be in operation. Any costs for potholing prior to boring are considered subsidiary to the bid.

Contractor specifically acknowledges that it shall be responsible and liable to City of Hastings for all injury or damage to any such existing and operating facilities, including loss of gas or product and all repairs necessitated by any act or omission, resulting in such damages, on the part of the Contractor, his agents or employees, or any subcontractor or subcontractor's agents or employees.

Contractor shall also exercise particular care at all times to avoid damage to underground structures and lines, and specifically recognizes that it shall be held responsible for any injury or damage to unmarked or unidentified underground structures or pipelines, done by Contractor's personnel, or any subcontractor's personnel in connection with performance of the work hereunder.

Please note before beginning any excavation, the Contractor shall be responsible for contacting Diggers Hotline at 1-800-331-5666 or call 811.

1.709 No Waiver of Legal Rights. The City shall not be precluded or estopped by any measurement, estimate, or certificate made either before or after the completion and acceptance of the work and payment therefore, from showing the true amount and character of the work performed and materials furnished by the Contractor, nor from showing that any such measurement, estimate, or certificate is untrue or is incorrectly made, nor that the work or materials do not, in fact, conform to the contract. The City shall not be precluded or estopped, notwithstanding any such measurement, estimate or certificate and payment in accordance therewith, from recovering from the Contractor or his sureties, or both, such damage as it may sustain by reason of his failure to comply with the terms of the contract. Neither the acceptance by the City, nor any representative of the City, nor any payment for or acceptance of the whole or any part of the work, nor any extension of time, nor any possession taken by the City, shall operate as a waiver of any portion of the contract or of any power herein reserved, or of any right to damages. A waiver of any breach of the contract shall not be held to be a waiver of any other or subsequent breach.

1.710 Warranty of Title. No material, supplies or equipment to be installed or furnished under this Contract shall be purchased subject to any chattel mortgage or under a conditional sale, lease-purchase or other agreement by which an interest therein or in any part thereof is retained by the seller or supplier. The Contractor shall warrant good title to all materials, supplies, and equipment installed or incorporated in the work and upon completion of all work, shall deliver the same together with all improvements and appurtenances constructed, or placed thereon, by him to the City free from any claims, liens or charges. Neither the Contractor nor any person, firm or corporation furnishing any material or labor for any work covered by this Contract shall have any right to a lien upon any improvement or appurtenance thereon.

Nothing contained in this paragraph, however, shall defect or impair the right of persons furnishing materials or labor under any law permitting such persons to look to funds due the Contractor in the hands of the City. The provisions of this paragraph shall be inserted in all subcontracts and material contracts and notice of its provisions shall be given to all persons furnishing materials for the work when no formal contract is entered into for such materials.

1.711 Jurisdiction. Any action in court against the Contractor or sureties on his bond, because of damages to property or individual by said Contractor, or his workmen, or because of the violation of any provision of the specifications, or on account of the failure of the Contractor to fully comply with this provision, shall be brought in the District Court of the State of Nebraska in and for Adams County.

1.712 Care of Work.

- a. The Contractor shall be responsible for all damages to person or property that occur as a result of his fault or negligence in connection with the prosecution of the work and shall be responsible for the proper care and protection of all materials delivered and work performed until completion and final acceptance, whether or not the same has been covered in whole or in part by payments made by the City.

- b. The Contractor shall provide sufficient competent watchmen, both day and night, including Saturdays, Sundays, and holidays, from the time the work is commenced until final completion and acceptance.
- c. In an emergency affecting the safety of life, limb or property, including adjoining property, the Contractor, without special instructions or authorization from the City, is authorized to act at his discretion to prevent such threatened loss or injury and he shall so act. He shall likewise act if instructed to do so by the City. Any compensation claimed by the Contractor on account of such emergency work will be determined by the City as provided in Section 1.404 hereof.
- d. The Contractor shall avoid damage as a result of his operations to existing sidewalks, streets, curbs, pavements, utilities (except those which are to be replaced or removed), adjoining property, etc., and he shall at his own expense completely repair any damage thereto caused by his operations.
- e. The Contractor shall shore up, brace, underpin, secure, and protect as may be necessary, all foundations and other parts of existing structures adjacent to, adjoining, and in the vicinity of the site, which may be in any way affected by the excavations or connected with the demolition and/or site clearance of the work embraced in this Contract. The Contractor shall be responsible for the giving of any and all required notices to any adjoining or adjacent property City, public & private utility companies, or other party before the commencement of any work. The Contractor shall indemnify and save harmless the City from any damages on account of settlements or the loss of lateral support of adjoining property and from all loss or expense and from all damages for which the City may become liable in consequence of such injury or damage to adjoining and adjacent structures and their premises.

SECTION 1-8 - EXECUTION AND PROGRESS

1.801 Subletting or Assigning or Contract. The Contractor will not be permitted to sublet, assign, sell, transfer or otherwise dispose of the contract or any portion thereof, or his right, title, or interest therein; or to either legally or equitably assign any of the money payable under his contract, or his claim thereto, without the written consent of his surety and the Engineer. The Contractor will not be relieved of any responsibility through any of the above actions.

- a. The Contractor shall be as fully responsible to the City for the acts and omissions of his subcontractors, and of persons either directly or indirectly employed by them, as he is for the acts and omissions of persons directly employed by him.
- b. Nothing contained in the Contract shall create any contractual relation between any subcontractors and the City.

1.802 Execution of Work. The proposal for each project will show the project period. The progress of the work shall be at a rate sufficient to complete the project within the project period. If it appears that the rate of progress is such that the project will not be completed within the project period, or if the work is not being executed in a satisfactory and workmanlike manner, the City may order the Contractor to take such steps as it considers necessary to complete the project within the period of time specified, or execute the work in a satisfactory manner.

1.803 Limitation of Operations. The Contractor shall conduct the work at all times in such a manner and in such sequence as will insure the least interference with traffic. He shall have due regard to the location of detours and to the provisions for handling traffic. He shall not open up work to the prejudice of work already started, and the Engineer may require the Contractor to finish a section on which work is in progress before work is started on any additional section. The Contractor shall so conduct his operations and maintain the work in such condition that adequate drainage shall be in effect at all times.

1.804 Methods and Equipment. The methods, equipment and appliances used shall produce a satisfactory quality of work, and shall be adequate to maintain the schedule of progress specified. Equipment used on any portion of the project shall be such that no injury to the roadway, adjacent property, or other streets will result from its use.

When the methods and equipment to be used by the Contractor in accomplishing the construction are not prescribed in the contract, the Contractor is free to use any methods or equipment that he demonstrates, to the satisfaction of the Engineer, will accomplish the contract work in conformity with the requirements of the contract.

1.805 Temporary Suspension of Work. Work shall be suspended wholly or in part when, in the opinion of the Engineer, weather or other conditions are unfavorable to its satisfactory prosecution. Work shall also be suspended at the direction of the Engineer pending settlement or disputes arising out of failure of the Contractor to comply with the provisions of the contract. Written notice of suspension of work shall be given by the Engineer. When the conditions causing suspension no longer exist, such written notice shall be given to the Contractor by the Engineer. Promptly after such written notice, the Contractor shall resume prosecution of the work as provided in Article 1.802.

1.806 Liquidated Damages. Time is an essential element of the contract, and it is important that the work be pressed vigorously to completion.

For each working day that any work shall remain uncompleted either after the end of each project period or at the end of the contract completion date, the amount per working day specified in the proposal form will be assessed, not as a penalty but as predetermined and agreed liquidated damages. The City and Contractor specifically agree that the per working day amount to be assessed as liquidated damages is fair and reasonable and not excessive. The parties further agree that said per working day amount accurately reflect the anticipated loss and inconvenience to the public and lost revenue to or use by the City due to the project not being completed by the end of the project period or the end of the contract completion date. The City will prepare and forward to the Contractor an invoice for such liquidated damages. The final payment will be withheld by the City until the invoice is paid by the Contractor.

Due account shall be taken of any adjustment of the project period or the contract completion date granted under Article 1.807.

The assessment of liquidated damages for failure to complete the work either within each project period or the contract completion date shall not constitute a waiver of the City's right to collect for any additional damages which the City may sustain by failure of the Contractor to carry out the terms of its contract.

1.807 Extension of Project Period or Contract Completion Date. An extension of the project period or contract completion date may be granted only in writing by the City for any of the following reasons:

1. Additional work resulting from a modification of the plans for the project.
2. Delays caused by the City.
3. Other reasons beyond the control of the Contractor, which in the City's judgment would justify such extension.

No extension of project period or contract completion date will be allowed for variations between contract quantities and actual quantities which cannot be predetermined and which amount to less than twenty percent (20%) of the contract quantities unless approved by the Engineer.

1.808 Abrogation. If the Contractor abandons the work under this contract, sublets it or assigns it without the consent of the city, or if he fails to give his personal attention to it, or if it is the Engineer's opinion that he has unnecessarily or unreasonably delays or neglected the work or any part of it, written notice to that effect is to be given to the Contractor by the Engineer. After such notice, no materials or equipment shall be removed from the work. If, within five (5) days thereafter, the Contractor does not take steps which, in the judgment of the Engineer, will insure the satisfactory completion of the work, then the City may declare this contract null and void and the security forfeited and may notify the Contractor in written to discontinue the work or any part of it; thereupon ceases the Contractor's right or possession of the ground and of all materials and equipment thereon. The City then, at its option, may enter upon and take possession of the work with all material, supplies, and equipment remaining thereon and by contract or otherwise, as the City may determine, may complete the work or the part of it designated, and charge the expense thereof to the Contractor using any materials or equipment found on the site. The expense so charged, together with all damages incurred, will be deducted from any funds due to become due under this contract, and should the unexpended balance of these funds be insufficient, the excess shall be at the cost of the Contractor and the sureties on the Contractor's bond. Neither completion of a part of the work nor the extension for any reason of the time of the completion of the work is to be considered a waiver of this right to abrogate the contract for abandonment, delay or unsatisfactory work.

1.809 Termination of Contractor's Responsibility. The contract shall be considered completed when the work has been accepted in writing by the City. Such acceptance shall release the Contractor from all further obligation with respect thereto, except as to conditions and requirements set forth in his bond.

1.810 Assignment or Novation. The Contractor shall not assign or transfer, any of its rights, duties, benefits, obligations, liabilities, or responsibilities under this Contract without the written consent of the City, provided, however, that assignments to banks, trust companies, or other financial institutions may be made without the consent of the City. No assignment or novation of this Contract shall be valid unless the assignment or novation expressly provides that the assignment of any of the Contractor's rights or benefits under the Contract is subject to a prior lien for labor performed, services rendered, and materials, tools, and equipment supplied for the performance of the work under this Contract in favor of all persons, firms or corporations rendering such labor or services or supplying such materials, tools, or equipment.

1.811 Disputes.

- a. All disputes arising under this Contract or its interpretation, whether involving law or fact or both, or extra work, and all claims for alleged breach of Contract shall within ten (10) days of commencement of the dispute be presented by the Contractor to the City for decision. All papers pertaining to claims shall be filed in quadruplicate. Such notice need not detail the amount of the claim but shall state the facts surrounding the claim in sufficient detail to identify the claim, together with its character and scope. In the meantime, the Contractor shall proceed with the work as directed. Any claim not presented within the time limit specified in this paragraph shall be deemed to have been waived, except if the claim is of a continuing character and notice of the claim is not given within ten (10) days of its commencement, the claim will be considered only for a period commencing ten (10) days prior to the receipt by the City of notice thereof.
- b. The Contractor shall submit in detail his claim and his proof thereof. Each decision by the governing body of the City will be in writing and will be mailed to the Contractor by registered or certified mail, return receipt requested, directed to his last known address.
- c. If the Contractor does not agree with any decision of the City, he shall in no case allow the dispute to delay the work but shall notify the City promptly that he is proceeding with the work under protest and he may then accept the matter in question from the final release.

SECTION 1-9 - MEASUREMENT AND PAYMENT

1.901 Payments. The City, at its discretion, may include in such monthly estimates payments for materials that will eventually be incorporated in the project, provided that such materials are suitably stored on the site of the project at the time of preparing estimates for payment. Such payment is to be based upon the estimated value thereof as ascertained by the Engineer. Such material when so paid for by the City shall not be removed from the project without consent of the City and, in case of default on the part of the Contractor, the City may use or cause to be used by others these materials in construction of the project.

The City will retain five percent (5%) of the total contract amount for all work completed including change orders.

Payment of the retainage will be made within forty-five (45) days after project is substantially complete, provided the Contractor submits a Letter of Credit for 125% of the uncompleted work. Substantial completion will include water mains passing biological testing and placed into service. Sewer mains shall pass pressure testing and be televised with receipt of the inspection report.

The bid proposal price sheets include any and all work for each project. Any requirement shown in the drawings, but not listed separately in the proposal price sheets, are considered subsidiary to the work. This includes but is not limited to abandonments of existing utilities and any potholing required for utility locates prior to boring.

1.902 Payments Withheld. The City may withhold or, on account of subsequently discovered evidence, nullify the whole or a part of any certificate to such extent as may be necessary to protect itself from loss on account of:

1. Defective work not remedied.
2. Claims filed or reasonable evidence indicating probable filing of claims.
3. Failure of the Contractor to make payments properly to subcontractors for material or labor.
4. A reasonable doubt that the contract can be completed for the balance then unpaid.
5. Damage to another Contractor.
6. Damage to public or private property.

When the above grounds are removed, payment shall be made for amounts withheld because of them.

1.903 Acceptance, Final Payment, and Release of Liability. If final inspection reveals that all details of the work have been completed to his satisfaction, the Engineer shall tentatively accept the work, in writing, relieving the Contractor of further responsibility for the care and maintenance of the completed work and, provided that all equipment and materials have been removed from the right-of-way, shall also relieve the Contractor of further public liability. As soon as possible after tentative acceptance of the work, the Engineer shall measure the completed work and compute the quantities of work for which payment is to be made. Before final settlement is made, the City shall be satisfied with the completed work. When the Engineer is satisfied that all items of the work have been found to be consistent with the terms of the contract and specifications, a final estimate, including the retained percentage due the Contractor, shall be released for payment. Release of the final estimate shall constitute formal acceptance of the work. Acceptance by the Contractor of the final payment shall constitute release of the City and each of its officers and agents from any additional claim or liability hereunder for any act or negligence of the City or of any other person.

All prior partial estimates and payments shall be subject to correction in the final estimate and payment.

1.904 Payment for Extra Work. The Contractor will receive and accept payment for work performed under this contract as follows:

- a. Work Performed as Stipulated in the Contract. For all items of work performed which are covered by definite unit prices or lump sum amounts specified in the contract, the Contractor shall receive and accept compensation at the rate specified in the contract.
- b. Extra Work. Extra work ordered by the Engineer, of a quality or class not covered by the contract, will be paid for at an agreed price. For extra work ordered by the Engineer and performed on an agreed price basis, the Engineer and the Contractor shall enter into a written agreement before such work is undertaken. This agreement shall describe the extra work that is to be done and shall specify the agreed price or prices therefore.

END OF SECTION

SECTION 2 SPECIAL PROVISIONS

SECTION 2-0 - GENERAL

2.001 General Provisions. The general conditions are general in scope and may refer to conditions not encountered on the work covered by this contract. Any provisions of the General Provisions which pertains to a nonexistent condition and is not applicable to the work to be performed hereunder, or which conflicts with any provision of the Special Provisions shall have no meaning to the contract and shall be disregarded.

2.002 Purchasing Agent Appointment and Exempt Sales Certificate. The Contractor performing the work under this contract will be issued a “Purchasing Agent Appointment” and “Exempt Sales Certificate” signed by the authorized representative of the Owner. It is to be used by the Contractor when purchasing tangible personal property to be actually incorporated into the contract work.

2.003 Maintenance of Traffic. The Contractor shall conduct their work so as to interfere as little as possible with public travel, whether vehicular or pedestrian. Whenever it is necessary to cross, obstruct or close roads, driveways and walks, whether public or private, the Contractor shall, at their own expense, provide and maintain suitable and safe bridges, detours, or other temporary expedients for the accommodation of public and private travel, and shall give reasonable notice to owners of private drives before interfering with them. Such maintenance of travel will not be required when the Contractor has obtained permission from the owner or tenant or private property, or from the authority having jurisdiction over public property involved, to obstruct traffic at the designed area.

2.004 Provisions for Traffic Control and/or Barricading. The Contractor shall provide barricades and maintain a means of traffic control applicable to work site conditions. The means of traffic control and barricade(s) type(s) shall be approved by City of Hastings inspector and by appropriate agency on which work is occurring, being either or combination of city, county, or state right-of-way.

The Contractor shall provide all approved barricades with lights and furnish flagmen as required. Contractor shall provide daily maintenance on all barricades, flashers, etc., during course of construction. A person will be designated by Contractor that is in their employment to be responsible for daily maintenance and shall be available 24 hours a day, seven days a week and will have a telephone number given to City of Hastings and appropriate governing agency on whose right-of-way project is taking place.

Traffic Control shall be considered subsidiary to the project and no direct payment shall be paid for this work.

2.005 Street Closing. In the event it is deemed necessary for the Contractor to close any streets during the execution of work, the Contractor shall notify the owner of such street closing 48 hours in advance, prior to any street closing due to open cut street crossing, and shall notify all vital departments to include police, fire, ambulance, sheriff, street, and engineering Departments.

SECTION 2 – SPECIAL PROVISIONS

2.006 Dust Control. The Contractor shall be required to keep dusty conditions, caused by construction, from being a source of complaint by adjacent property owners by watering down haul routes or by other methods approved by the Engineer.

2.007 Removal of Trees, Hedges, Shrubs, and/or Fences. The Contractor shall sufficiently plan ahead to notify property owner(s) of any obstacles in the way of proposed construction that will have to be removed prior to construction by property owners if they desire to save such.

Clearing and removal of items will be shown on plans and completed by Contractor. The payment for removal of said items will be on proposal sheet, however, any tree with a diameter of 6" or less, all shrubs and bushes will be considered subsidiary to work and no additional compensation will be paid. The Contractor shall not remove any trees in the project area without prior approval of City of Hastings.

The Contractor will be required to reimburse the public for any damage to trees which is not authorized by City of Hastings.

2.008 Shutdown, Valve Operation. Shutdowns will be made only by City of Hastings Utilities Department personnel. In the event that an emergency condition warrants, the Contractor shall take direct action to make shutdown but must notify City of Hastings Utilities Department immediately and remain on worksite to demonstrate what has taken place to City of Hastings Utilities Department personnel.

All shutdowns, unless emergency, will be scheduled in advance and shall be the responsibility of the Contractor to notify residences and/or businesses effected and give estimated time of return of service.

2.009 Water. The Owner will provide access to the Contractor of any and all water necessary to construct the proposed project. The water will be furnished from the fire hydrant nearest the project. It will be the responsibility of the Contractor to contact Hastings Utilities before use of any fire hydrant. Hastings Utilities will, upon deposit from the Contractor, furnish and install a meter, check valve and shut-off for the Contractor's use. The Contractor shall furnish all other necessary hose adaptors, hose and other equipment for the distribution and transportation of the water and shall be responsible for water usage fees.

2.010 Maintenance of Surface Drainage and Storm Sewers. During the course of construction, the Contractor shall conduct operations in a manner that will not pond or divert surface drainage onto private property and shall maintain the existing surface drainage patterns until such time that the storm sewer system is operable. In addition, the Contractor shall provide temporary works construction which must be approved by the Engineer and shall remain in place until such time that the storm sewer system is operable. The work required for maintenance of surface drainage and storm sewers will not be paid for directly but shall be considered subsidiary to the bid items of the contract.

SECTION 2 – SPECIAL PROVISIONS

2.011 Testing. All materials will be inspected, tested and accepted by the Engineer before incorporated in the work. Any work in which untested and unaccepted materials are used without approval or written permission of the Engineer shall be performed at the Contractor's risk and may be considered as unacceptable and unauthorized and will not be paid for. Unless otherwise designated, tests in accordance with the most recent cited standard method of AASHTO or ASTM, whichever are current on the date of advertisement, will be at the expense of the Contractor. All testing (concrete and subgrade) will be taken by the Engineer or a qualified representative of the Owner. The cost of concrete tests (compressive cylinder breaks) will be the responsibility of the Owner. All materials being used are subject to inspection, test or rejection at any time prior to incorporation into the work. Copies of such tests will be furnished to the Contractor at their request.

2.012 Concrete Mix Type. Cement and aggregates not on the latest edition of the Nebraska Department of Transportation's "Approved Product List" shall not be used without permission from the City Engineer. All Portland Cement Concrete (PCC) shall be NDOT approved Type 1P, 1S or 1T. The constituents of PCC and their mixing, handling, and proportioning shall conform to ASTM C94. Concrete not meeting the 28 day required strength shall be removed and replaced at no extra cost to the City. The Engineer may evaluate the concrete's expected use and may allow it to remain in place at 50% pay.

- (a) Concrete mix for PCC pavement, driveways and structural concrete shall be State of Nebraska 47B as specified in Section 1002 of the 2017 State of Nebraska specifications.
- (b) Concrete mix for sidewalks shall be State of Nebraska Type 47-B as specified in Section 1002 of the 2017 State of Nebraska Specifications.
- (c) Recent and certified mill tests of P.C.C. shall be furnished to the City Engineer. Different brands of cement, or the same brand from different mills, shall not be mixed during storage. Neither shall they be used alternately in any one concrete placement without permission from the City Engineer. Contractors supplying concrete shall notify the City Engineer when changing to different cement.
- (d) Cement or Fly Ash shall be protected from damage due to moisture. Cement or Fly Ash so damaged will be rejected. Cement or Fly Ash shall not be in storage at the concrete plant longer than ninety (90) days without retesting for quality testing by an approved testing facility.
- (e) Contractor shall submit a Concrete Mix Design identifying the location of the ready mix or central mix plant, cement manufacturer, type of inter-ground and blended cement, type of admixtures, aggregate gradation, aggregate pit and quarry location.
- (f) Contractor shall submit concrete batch tickets showing batch weights, aggregate moisture (shall be tested daily and moisture probes are allowed), admixtures used, water, and mix design calculations. A copy of the batch ticket shall be provided upon delivery of concrete.

SECTION 2 – SPECIAL PROVISIONS

- (g) Aggregate and concrete quality are subject to approval of the Department. Aggregate shall be free of coatings that will inhibit bond and free from injurious quantities of loam, alkali, organic matter, thin or laminated pieces, paper, wood, chert, or other deleterious substances as determined by the Engineer. The use of aggregate obtained from any reclaiming or recycling process shall not be allowed without permission from the City Engineer. Aggregate from different sources shall not be mixed or stored in the same pile, nor used alternately in the same project or mixed without permission from the City Engineer.
- (h) An engineer approved water-reducing admixture shall be used in all fly ash modified concrete mixes at the dosage rate recommended by the manufacturer. The water-cement ratio of all fly ash modified concrete shall not exceed the limit for the various classes of concrete as shown in Table 1002.02.
- (i) All concrete shall have a minimum compressive strength of 3,500 psi at 28 days unless otherwise noted in the plans and specifications. The 7-day compressive strength should be 70% of the 28-day compressive strength.

2.013 Landfill Fees. The Contractor will be responsible for securing their own disposal site or paying any associated fees for disposal at the Landfill.

2.014 Working Hours. Normal working hours will be considered to be from 8:00 a.m. to 5:00 p.m., Monday through Friday (holidays excepted: New Year's Day, Martin Luther King Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving, Friday after Thanksgiving, ½ day Christmas Eve, and Christmas Day). Any Contractor desiring other working hours must take exception to specifications for consideration by City of Hastings. Any exception must be approved or negotiated to mutual acceptance by Contractor and City of Hastings, final acceptance will be granted in writing.

2.015 Removal and Replacement of Property Stakes. If it is necessary to remove any property corners or markers during construction operations, the Contractor shall notify the Engineer so that the Engineer can establish reference ties. Any markers removed without notice to the Engineer shall be replaced at the Contractor's expense in accordance with the proper land surveying techniques.

2.016 Removal of Existing Materials. Contractor shall remove all called for materials with care as not to ruin or damage material for further use. Any material required to be removed for reuse and has been damaged by careless and negligent action on part of Contractor, shall constitute cause for replacement or payment by Contractor. Inspection of said material for reuse shall be made at sole discretion of City of Hastings inspector. Any gas services which are removed by Contractor shall be foamed shut by Contractor.

2.017 Existing Sprinkler Systems. Contractor shall be responsible for the repair of existing lawn sprinkler components disturbed by the construction activities. The property owner shall be responsible to show, if possible, the location of the underground line and size as well as sprinkler

SECTION 2 – SPECIAL PROVISIONS

head location. Temporary plugging of line may be incurred by Contractor to keep certain areas operational of sprinkler system. Where sprinklers systems are listed as bid items, they shall be replaced in like kind, including all connectors. All sprinkler lines that will be disturbed during construction, shall be cut and protected as needed.

2.018 Appearance of Construction Area and Storage Site. Contractor will be required to keep the construction area in a neat and orderly fashion that would be considered reasonable in regard to work being completed.

Where sidewalks, driveways, etc., exist, Contractor shall keep them free from debris and will be swept off at the end of the construction day. Storage site will be kept in a neat and orderly manner.

No dirt will be allowed to be piled in the street overnight. Dirt piles on the terrace (or alternate locations) must meet all storm water management requirements.

Where Contractor will have a storage site for materials, equipment, etc., on property owned by City, it shall be kept in a neat and orderly manner, free from debris, accumulation of unused materials, etc. Any area used for storage, etc., shall be properly served from the public by temporary fencing if not within a fenced area.

Debris from job site must be removed same day as taken from street, yard, etc. Piling up of these materials, (i.e., concrete, brush, trees, tree limbs) will not be allowed on site.

2.019 Construction Progress Meetings. Construction progress meetings will be held at a predetermined time each week, time to be chosen at the preconstruction conference. City of Hastings will have in attendance Director of Engineering and Project Engineer and Inspector. Contractor shall have Project Superintendent and job foreman present.

2.020 Final Cleaning Up. Upon completion of the work and before acceptance and final payment, the Contractor shall clean the street, borrow pits and all ground occupied by him in connection with the work of all rubbish, excess materials, false work, temporary structures, and equipment; all parts of the work shall be left in a neat and presentable condition.

2.021 Preconstruction Conference. A preconstruction conference will be held at City of Hastings offices with the contractor owner, superintendent, and job foreman prior to construction and all other city, county, state, and other necessary agencies will be notified of this meeting also.

Contractor shall submit to City a detailed construction progress schedule with major milestones prior to preconstruction meeting.

A preconstruction conference shall be arranged between the Director of Engineering and the Contractor prior to beginning construction. At this meeting the following items shall be addressed.

- a. Work by others. Coordination of work to be performed by subcontractors and other contractors performing work related to this project.
- b. Availability of land. The site and use of adjacent land shall be reviewed.

SECTION 2 – SPECIAL PROVISIONS

- c. Project Engineer. The project engineer will be assigned by the Director of Engineering. The Contractor shall designate a construction foreman that will be responsible for communication with the project engineer.
- d. Change orders. Procedures for implementing change orders shall be reviewed.
- e. Tests and inspection. As described within these documents the Contractor shall perform all necessary tests and inspections. Any documented results shall be submitted to the project engineer. At all times the project engineer shall be allowed to inspect the work being performed.
- f. Safety and protection. The Contractor shall be responsible for all safety and necessary protection of all persons in attendance of the project site. The project engineer and other observers shall adhere to all safety precautions deemed necessary by the Contractor.
- g. Final inspection and payment. Final inspection shall be performed by the Director of Engineering and their representatives. When all aspects of this project, as described within these documents have been met, the Contractor may submit for final payment.
- h. Site security. The contractor shall erect a construction barrier around the project site. The barrier shall consist of a temporary fence with appropriate warning signs.
- i. Shop drawings, submittals. The required list of submittals shall be reviewed.
 - Concrete mix design
 - Traffic Control Plan
 - Water and Sewer material
- j. Pipe Cleaning Video: When the project involves water main installation, at the end of the pre-construction conference, an AWWA instructional video on the proper cleaning and installation of water mains shall be watched by the Contractor (Owner); the Contractor's Project Foreman; Project Inspector (HU); Water Department Superintendent (HU); and one representative of HU Engineering. At the end of the video, the participants shall review the requirements for pipe installation and cleaning as noted in the specifications and on the drawings.

2.022 Customer Relations. Contractor shall exert all reasonable efforts to maintain good will for the benefit of City of Hastings with the landowners tenants, and lessees along the right-of-way and with the general public. The Contractor will not be allowed to start construction until he has adequate manpower and material to allow the job to progress smoothly and be complete in a reasonable amount of time. City of Hastings will have the authority to remove workers from the job site who exhibit horseplay and foul language to the public.

2.023 Operations of the Contractor. The Contractor shall confine operations exclusively to easements and public right-of-way. If the Contractor desires to operate equipment or store materials on private property that does not have a utility easement, he must obtain permission from the property owner. Prior to release of the payment retention by City of Hastings, the Contractor

SECTION 2 – SPECIAL PROVISIONS

must restore the private property to original condition. If the landowner is not satisfied with the restoration, City of Hastings will continue to hold the appropriate retention.

The quantities for seeding and sodding in the proposal include only easements and right-of-way. Any seeding and sodding required to restore areas where the Contractor has operated on private property without easements will be the responsibility of the Contractor.

SECTION 4 - WATER MAIN SPECIFICATIONS

SECTION 4-0- SCOPE OF WORK

The work covered by this section of the specifications consists of furnishing all labor, plant, equipment, appliances and materials, and performing all operations necessary to construct and complete water mains and appurtenances in strict accordance with these specifications, the applicable drawings, and subject to the terms and conditions of the contract.

Section 4-1 - Materials

4.101 Water Mains. All water mains shall be constructed of ductile iron meeting the requirements as specified in these contract documents unless otherwise noted on the drawings.

4.101(a) Ductile Iron Pressure Class Pipe. DIP pipe shall comply with the latest revision of ANSI/AWWA C151/A21.51-96 with the exception that the wall thickness shall comply with 350 PSI (2400 kPa) pressure class pipe for sizes 3 thru 24 inch (76 mm thru 600 mm) unless stated otherwise on the plan drawing. Whenever the plans or specifications call for the installation of polyethylene encasement, provide low density polyethylene film in accordance with the latest revision of ANSI/AWWA C105.

4.101(b) Ductile Iron Pipe Shall Be:

- 1) Interior Lining: Cement-mortar lining per ANSI A21.4-16 (AWWA C104), no asphaltic sealer.
- 2) Outside coating: AWWA C151/A21.51 Minimum of 1 mil thickness (0.025 mm) of bituminous coating (paragraph 51.8.1).
- 3) a. Push on joint, ANSI A21.11 (AWWA C111).
b. Alternate pipe joint: Mechanical joint ANSI A211.11 (AWWA C111).
c. As required: Restrained joint pipe for special use will be called out on plans and proposal sheet. Shall have joints as called for and pipe shall be to ANSI A21.51 (AWWA C151) ANSI A21.4 (AWWA C104). See Section 4.103 for pipe restraining.
- 4) In accordance with AWWA C151/A21.51-96 Section 5.1.1.2 provide Affidavit of Compliance.
- 5) Whenever the plans or specifications call for the installation of polyethylene encasement, provide low density polyethylene film in accordance with the latest revision of ANSI/AWWA C105.

4.101(c) Polyvinyl Chloride Water Main (PVC). Polyvinyl chloride water main shall conform to the latest revision of polyvinyl chloride (PVC) pressure pipe 4 inch thru 12 inch cast iron O.D. (100 mm thru 300 mm) for water distribution ANSI/AWWA C900 latest revision. Molecularly oriented PVC (PVCO) pipe must conform to the standards of ANSI/AWWA C909, latest revision for 6 inch through 12 inch pipe cast iron O.D. (100 mm thru 300 mm). All PVC and PVCO pipe shall be pressure Class 305 unless otherwise stated on the plans. PVC water mains 16 inch through 48 inch cast iron O.D.

SECTION 4 - WATER MAIN SPECIFICATIONS

(400 mm through 1220 mm) shall conform to the latest revision of AWWA C900. All AWWA C900 water mains shall have a minimum DR as noted on the proposal or the drawings.

Polyvinyl Chloride Pipe Shall Be:

- 1) For all PVC and PVCO pipe provided for potable water service, comply with standard AWWA C900-16. Provide NSF61 certification for each class, type, and size of PVC or PVCO to be provided.
- 2) Provide all PVC and PVCO pipe provided shall comply with AWWA C-900 DR-14; **or** 305 PSI pressure class of AWWA C-909 Molecularly Orientated Polyvinyl Chloride Pressure Pipe.
- 3) Provide required quality control certification documentation as noted above in accordance with AWWA C-900 Section 5.2, or AWWA C-909 Section 5, or AWWA C-905 Section 5.2.
- 4) All PVC and PVCO pipe provided for potable water service shall be blue in color. All PVC and PVCO pressure pipe used for reclaim water shall be purple in color.
- 5) In accordance with AWWA C-900 Section 6.3 or AWWA C-909 Section 6.3, or AWWA C-905 Section 6.3, provide Affidavit of Compliance.

4.101(d) High Density Polyethylene Water Mains. All Polyethylene (PE) (HDPE – High Density Polyethylene Pipe) water mains shall have a Ductile Iron pipe size (DIPS). Unless otherwise stated in the specifications or plans the HDPE water main shall have a minimum DR-11. Provide minimum pressure class rating of 200 psi for DR-11 HDPE pipe as per ANSI/AWWA C906 Table 5. The cell classification shall be PE 4710 HDPE according to ASTM D3350. The construction and fabrication of the HDPE water main shall comply with the appropriate standards as set forth in the latest edition of ANSI/AWWA C906.

- 1) Provide Affidavit of Compliance of all HDPE as per ANSI/AWWA C906 Section 6.3.
- 2) Pipe and fittings to be marked in accordance to C906-15 Section 6.1. All HDPE pipe shall be color coded with a blue strip to indicate it is used for potable water.
- 3) Provide FM Fitting MJ adapter kit for all connections to Cast Iron or Ductile Fittings and valves.
- 4) All fusion welds shall be in accordance with manufactures recommendations. All fusion welds shall be completed by properly trained personnel approved by the manufacturer.
- 5) Flanged and Mechanical Joint adapters to confirm to ASTM D3261. Markings for molded or machined flanged adapters of MJ adapters shall be per ASTM D3261. Fabricated (including machined) flange adapters shall be per ASTM F2206.

SECTION 4 - WATER MAIN SPECIFICATIONS

- 6) When new HDPE pipe is to be fused with existing HDPE piping, the purchaser of the new HDPE pipe shall inform the manufacturer of the cell classification of the existing HDPE pipe as per ASTM D3350, and obtain from the manufacturer a list of the validated fusion parameters that may be used to join the purchased piping to the existing piping. The manufacturers shall be consulted to determine the appropriate fusion procedures.
- 7) Polyethylene fusion fittings may be molded, thermoformed from pipe sections, or fabricated by heat fusion joining polyethylene components prepared from pipe, molded fittings, thermoformed pipe, or polyethylene sheet or block.
- 8) Butt Fusion Fittings shall be made of HDPE material with a minimum material designation code of PE4710 and with minimum cell classification of PE345464C. Butt Fusion Fittings shall meet the requirements of ASTM D3261. Molded and fabricated fittings shall have a pressure rating equal to the pipe unless otherwise specified on the plans. All fittings shall meet the requirements of ANSI/AWWA C906. Marking for molded fittings shall comply with the requirements of ASTM D3261. Fabricated fittings shall be marked in accordance with ASTM F2206.
- 9) Electrofusion Fittings shall be made of HDPE material with a minimum material designation code of PE4710 and with a minimum cell classification of PE345464C. Electrofusion Fittings shall have a manufacturing standard of ASTM F1055. Markings shall be according to ASTM F1055.

4.102 Compact Ductile Fittings. All fittings for pipe sizes 4" thru 24" (100 mm thru 600 mm) shall be Ductile Iron Pressure Class 350 psi (2400 kPa) and shall conform to ANSI A21.53.94 (AWWA C153) current revised edition of said standards as minimum specifications. All fittings for pipe sizes 30" thru 48" (260 mm thru 1200 mm) shall be Ductile Iron Pressure Class 250 and shall conform to ANSI A21.10.93 (AWWA C110) current revised editions of said standards as minimum specifications.

Ductile Iron Fittings Shall Be:

- 1) Interior Lining: Cement-mortar lined, ANSI A21.4.90 (AWWA C104) without coal tar sealer.
- 2) Mechanical joint, ANSI A21.11.90 (AWWA C111).
- 3) Testing, ANSI A21.10.93 (AWWA C110) or ANSI A21.53.94 (AWWA C153).
- 4) Fitting to be cast marked DI or Ductile with pressure rating and size and type fitting.

4.103(a) DIP Restrained Joint Pipe. Restrained joint pipe is required in all horizontal directional drilled installations. Restraining method shall be achieved with locking joint such as "TR Flex" by U.S. Pipe or equal.

Restraining gaskets such as "fast-grip" gaskets by American pipe or approved equal to restrain push on joint pipe can be used when called out on plans.

When the proposal or drawings require retaining glands, the Contractor shall provide Megalug Series 1100 Mechanical Joint Restraint or equal.

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4.103 (b) Restrained Joint Couplings. When noted on the drawings, the Contractor shall erect and install restrained joint coupling(s). The restrained joint coupling shall be a Griffin Bolt-Lok restrained joint, or American MJ coupled restrained joint.

The restrained joint coupling shall provide a positive longitudinal connection between fittings or fittings and restrained joint pipe as applicable. The Contractor shall install applicable thrust blocks as noted on the drawings in addition to the restrained joint coupling.

4.104 Resilient Seated Gate Valves, Cut in Sleeves. All gate valves 4" and larger up to and including thirty inch (30") (260 mm) shall be ductile iron body resilient seated gate valves conforming to AWWA C509, C515, AWWA C111 and ANSI A21.11 specifications and current revisions. All gate valves shall be suitable for mechanical joint connection to ductile iron pipe complete with bolts, glands, and required gaskets. All gate valves shall have a 2" square (50 mm) operating nut and non-rising stem and O-ring type seals. All resilient seated gate valves shall be Mueller Model A-2360-20, M and H Style 3067, Flow Control Series 2500, Clow Model 2638 or 2639 valve or approved equal. When beveled gearing is required, provide valves with a bevel gear assembly to allow the gate to move in a horizontal direction. Cut in sleeves for use with gate valves where required shall be mechanical joint and have stop screw incorporated in body, and shall be Mueller No. H840, H841, or approved equal. For installation requiring a 4", 6", or 8" (100 mm, 150 mm, or 200 mm) cut-in valve, the Contractor shall utilize Mueller C-2360-44 cut-in valves or approved equal. The Contractor shall utilize duck tipped gaskets or plain tipped gaskets as required to complete the field installation. All exposed bonnet and packing bolts shall be ASTM F593 Type 304 Stainless Steel. Gate Valves shall be no more than one year older than the date delivered to the project, or the supplier must show that the valves were stored inside and shall show no signs of wear or damage from storage. All manufacturer tags, bar codes, and SQR tags must remain on the product and must not be removed by the contractor or supplier. City of Hastings Inspector will take pictures and /or remove tags during installation.

4.105 Buried Service Butterfly Valves. Butterfly Valves are not used.

4.106 Valve Boxes. All buried valves shall be provided with Buffalo type cast iron valve boxes or alternate as specified.. Valve boxes shall have a screw type extension sleeve and be designed for the size of valve on which it is to be used and for the depth of cover as required. Covers shall have the word "WATER" cast thereon. Valve boxes shall be Mueller No. H10360, Tyler Series 6850 Type 664-S, 666, 668 as required, or approved equal.

4.106(a) High Density Polyethylene (HDPE) Valve Boxes. Whenever the drawings or proposal request installation high density polyethylene (HDPE) valve boxes, the Contractor shall provide and install American Flow Control Trench Adapter Valve Box or equal. The valve body shall be constructed of high density polyethylene material complete with a steel stem extension tube. The unit shall be fitted with an extension stem tested to 1000 pounds of torque. The lid shall be made of gray cast iron with the word "WATER" imprinted end to top of the lid. Provide HDPE boxes of appropriate depth and size as per manufacturer's recommendations.

Adjustment in valve box height shall be considered subsidiary to the valve installation.

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4.107 Solid Ductile Iron Sleeves. Contractor shall furnish couplings for connecting ductile iron to ductile iron pipe or ductile iron to cast iron pipe, or ductile iron to PVC pipe. The inside diameter of the coupling shall be suitable for connecting the ends of either PVC, ductile, or cast iron pipe as required. All solid ductile iron sleeves shall comply with the requirements of 4.102. Provide only long solid sleeves unless otherwise directed by the Engineer. Solid ductile iron sleeves will not be called out on the drawings; however, Contractor shall provide solid sleeves as field conditions warrant and as approved by the Engineer.

4.107(a) Mechanical Joint Connections. When called for on the drawings or proposal, the Contractor shall provide Foster adaptors or equal for water main size 4" through 24". Provide a ductile iron fitting meeting material and pressure requirement of the current revision of AWWA C110 and as defined by Section 4.102 of these specifications.

Provide tee bolt kits for all applications.

4.108 Fire Hydrants.

Fire hydrants shall be Mueller No. A-423 and comply with Dry-Barrell Fire Hydrants ANSI/AWWA standard C-502 and latest revisions. Main valve opening shall be 5-1/4", and inlet shall be mechanical joint for 6" (150 mm) cast iron or ductile iron pipe. Hose connections shall be two - two and one half inch (2-1/2") (65mm), and one - four and one half inch (4-1/2") (115 mm) pumper connection. All threads shall be national standard conforming to NFPA standard for fire hose connections. Unit shall have standard 1-1/2" (40 mm) pentagonal operating nut and shall open counterclockwise. Unit shall be traffic type hydrants with ground break away flange system. Seals shall be O-ring. Fire hydrants shall be painted silver enamel paint as designated by Federal Standard 595A. The prime coat shall conform to Federal Spec. TT-C-4946, or equal. The final coat shall conform to Federal Spec. TT-V-51.

In accordance with ANSI/AWWA C-502 Section 5.1.3 the hydrostatic test shall be conducted at 300 PSI (2100 kPa) for a minimum of 60 seconds with no leakage.

In accordance with ANSI/AWWA C-502 Section 5.3 the supplier shall deliver all hydrants to the City of Hastings for pressure testing at its North Denver Station facilities at an agreed time and during normal business hours. The supplier shall provide 72 hour notice before testing is required.

In Accordance with ANSI/AWWA C-502 Section 6.3 provide Affidavit of Compliance.

All fire hydrants shall be furnished with all connecting bolts, nuts, glands, gaskets, etc., required for immediate installation. Units shall be Mueller No. A-423, American Darling B-84-B-5, Kennedy K81-D or approved equal. All fire hydrants will be 6'-0" (1.8m) bury unless noted differently on plans. To achieve proper hydrant installation, utilize hydrant extensions or Gradelok swing arm fittings when necessary.

All exposed bolts and nuts that are typically buried shall be stainless steel 304 or equal.

Fire hydrants shall be no more than one year older than the date delivered to the project, or the supplier must show that the fire hydrants were stored inside and shall show no signs or wear or damage from storage. All manufacturer tags, bar codes and SQR tags must remain on the product

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and must not be removed by the contractor or the supplier. City of Hastings Inspector will take pictures and/or remove tags during installation.

4.109 Water Services and Service Line Connections.

- 1) Plastic water service lines. Plastic water service lines of not more than 2 inches (50 mm) in diameter may be used for residences in lieu of copper service lines, subject to the following:
 - a. Plastic tubing used for water service lines shall meet AWWA C901 Polyethylene pipe, SDR-9 PE3408 ASTM D2737, Pressure Class 200 PSI (1400 kPa) or AWWA C904-06 PEX pipe, SDR-9 ASTM F876 (PEX 1006) Pressure Class 200 PSI (1400 kPa). It shall be O.D. based on sizes 3/4 inch (20 mm) thru 2" (50 mm) conforming to the outside diameter of copper tubing.
 - b. Fittings for plastic water service lines used for plastic water piping shall be of brass pack joints and shall conform to AWWA Standard ASTM B62-Index 115-85-5-5. No plastic fittings or brass flared will be allowed.
 - c. Installation of plastic water service lines shall have a tracer wire attached to the water main tracer wire with connector supplied by City of Hastings, installed by Contractor subsidiary to bid. The wire shall be taped to the service prior to backfilling.
 - d. Grounding of electric services when plastic water services are installed: In the event existing metal water line was the source of grounding is abandoned, supplemental electrodes shall be provided. One shall be a rod or pipe electrode as specified in NEC 250.53, and the others shall be as mandated in NEC 250.52.
 - e. For replacement services the interior metal piping system shall remain bonded to the service equipment. If there is not a ground rod already in use, an 8 foot rod (2.4 m) shall be driven and connected to the service equipment. The grounding electrode system shall comply with NEC 250.50.
 - f. The city electrical inspector shall approve the installation after being satisfied that there is appropriate grounding.
 - g. The owner shall pay an additional fee in accordance with the prevailing council fee resolution, for having the plumbing and electrical inspectors make the foregoing inspections.
- 2) Polyvinyl Chloride Water Service Lines. For installation of 4", 6", and 8" (100 mm, 150 mm, and 200 mm) diameter service lines, the Contractor may use polyvinyl chloride pipe (PVC) or molecularly oriented PVC (PCVO) as specified here within. The PVC pipe shall comply with specification 4.101.
 - a. All PVC water service pipe shall have a minimum pressure class of 200. All pipe connections shall be bell and socket or by mechanical joint when connecting PVC to cast iron/ductile iron pipe and fittings.
 - b. All fittings and transitions shall conform to specification 4.102 of this document.

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- c. All taps to PVC pipe of auxiliary service lines of two inches in diameter or smaller shall utilize tapping saddles.
 - d. Installation of plastic water service lines shall have a tracer wire attached to the water main tracer wire with connector supplied by City of Hastings, installed by Contractor subsidiary to bid. The wire shall be taped to the service prior to backfilling.
 - e. Grounding of electric services shall be in accordance to specification 4.109 Water Services; paragraphs 1(d) and 1(e) of this document.
 - f. All water services lines of 8" or greater shall conform to specification 4-1 other related and applicable specifications as noted within these documents.
- 3) Corporation Stops. Corporation stops shall be furnished and installed by the contractor. The corporation stop to meet AWWA C800 standard and NSF61 certified. All corporation stops to be key style with AWWA/CC taper thread by flare fitting with the 1" and smaller to include a copper swivel type elbow with AWWA/CC female thread by CTS pack joint. All 1.5" and larger to include a straight copper coupling with AWWA/CC female thread by CTS pack joint. Acceptable manufacturer is FORD METER BOX or approved equal. The contractor will make the tap, in the event the contractor cannot properly make the 1.5 inch and larger taps, the City of Hastings will make the tap for them.
- All taps require a service saddle to be installed unless otherwise noted on the plans. The Contractor shall provide the service saddle and properly fasten the saddle to the main. The service saddle must be constructed of high strength ductile iron per ASTM A536 with fusion-bonded epoxy coating equal to a Ford FC202. The saddle must have a double wide band and 1/2" UNC threaded studs constructed of type 304 stainless steel. Provide saddles with EPDM rubber gaskets per ASTM D2000. Saddles must be ANSI/NSF Standard 61 for use in drinking water applications and must conform to AWWA C800.
- All HDPE water main taps require an Electrofusion fitting, Transition Saddle (Corp Saddle). The Contractor shall provide the transition saddle and shall properly fasten the saddle to the main. Electrofusion Transition Saddle shall have a manufacturing standard of ASTM F1055. The Contractor shall provide Electrofusion Transition Saddle equal to Georg Fischer Central Plastics Company with brass 360 alloy outlet materials, and stainless 304 compression ring, and CC Threads or approved equal.
- 4) Curb Stop and Box. This item shall consist of one (1) curb stop and one (1) curb box. Curb stops shall be Mueller No. H-15155 or Ford B44 Series, unless otherwise specified, and shall be of the same nominal size as the service line to which they are connected. Curb stops shall be of heavy cast bronze construction and shall be Minneapolis pattern type. Curb boxes shall be extension type, cast iron, adjustable for length, and have Minneapolis pattern base. Lids shall have the word "WATER" cast in them and shall have a provision for being securely held in place.
- 5) All water services shall be constructed and installed by the Contractor at a minimum depth of 5'-0" or as by City code and as indicated on the drawings. Any work to be done on the customer side of the curb stop, except for connecting the service line to the curb stop, shall be done by a licensed plumber. All service line work to be completed between the main and curb stop may be done without the services of a licensed plumber. This work shall be

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deemed to be done by a water main contractor. All service line work to be done by a water main contractor shall be limited to the work as indicated on the drawings and within these contract documents or as directed by the Engineer.

A licensed plumber shall secure and obtain a plumbing permit for any water service work on private property. All plumbing permits shall be obtained before any work begins.

4.110 Thrust Block. All thrust blocks shall be installed in accordance with the drawings. The class of concrete to be used for thrust blocks around fittings shall be Nebraska Department of Roads Class "47B" or Type "ABX". All thrust blocks shall be cast in place and shall be considered subsidiary to the unit price of water main in the contract. All concrete shall have minimum 28 day strength of 3000 PSI.

THRUST BLOCK DIMENSION				
Pipe Size Inch	A Feet	B Feet	C Feet	D Inch
4 (100 mm)	1 (0.3 M)	1 (0.3 M)	1 (0.3 M)	3 (75 mm)
6 (150 mm)	1.5 (0.45 M)	1.5 (0.45 M)	1 (0.3 M)	6 (150 mm)
8 (200 mm)	2 (0.6 M)	2 (0.6 M)	1 (0.3 M)	6 (150 mm)
10 (250 mm)	2.5 (0.75 M)	2.5 (0.75 M)	2 (0.6 M)	9 (225 mm)
12 (300 mm)	3 (0.9 M)	3 (0.9 M)	2 (0.6 M)	9 (225 mm)
14 (350 mm)	3 (0.9 M)	3 (0.9 M)	2.5 (0.75 M)	12 (300 mm)
16 (400 mm)	4. (1.2 M)	3 (0.9 M)	2.5 (0.75 M)	12 (300 mm)
18 (450 mm)	4 (1.2 M)	4 (1.2 M)	2.5 (0.75 M)	12 (300 mm)
20 (500 mm)	4 (1.2 M)	4 (1.2 M)	3 (0.9 M)	16 (400 mm)
24 (600 mm)	4.5 (1.4 M)	4.5 (1.4 M)	3 (0.9 M)	16 (400 mm)
30 (750 mm)	4.5 (1.4 M)	5. (1.5 M)	3.5 (1.0 M)	18 (450 mm)
36 (900 mm)	5 (1.5 M)	5 (1.5 M)	3.5 (1.0 M)	18 (450 mm)
42 (1050 mm)	5.5 (1.7 M)	5.5 (1.7 M)	4 (1.2 M)	24 (600 mm)
48 (1200 mm)	6 (1.8 M)	6 (1.8 M)	4 (1.2 M)	24 (600 mm)

4.111 Machine Tap. City of Hastings will furnish and install all machine taps. Contractor shall provide all excavation and backfill. Minimum excavation at each tapping point will be 4 ft. wide (1.2 M) and 6 ft. (1.8 M) long and shall be sufficiently below the main at point of tap in the installation of bolted sleeve. City of Hastings Water Department Personnel shall make determination in field as to tap location and give specific requirements. In the event that the uncovered water main is at a joint, etc., excavation will be relocated as directed by Water Department Personnel.

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4.112 Steel Encasement. Smooth wall casing pipe shall be of welded steel construction and shall be new material with a minimum yield point of 35,000 psi (241,000 Kpa). The pipe shall have a minimum wall thickness of "0.250" (6 mm) or as indicated on the drawings. The casing pipe shall be clean and coated on the outside with two coats of coal tar paint, Koppers, "Bitumastic Super Service Black"; Valspar, "High-Build Bituminous Coating 35-5-10"; or Tnemec, "46-449 Heavy Duty Black".

4.113 Casing Chocks. The Contractor shall use casing chocks. Casing chocks shall be of the type that bolt onto the carrier pipe. The chock shall be 8" (200 mm) in length. The chocks shall be as manufactured by Pipeline Seal and Insulation Inc., Model C8G-2, Advance Products and System Model SI-8" (200 mm) long with 1" (25 mm) or 2" (150 mm) wide runners, or approved equal.

4.114 Casing End Seal. All steel encasement pipes shall be closed at each end with a standard pull on S-shaped seal as manufactured by Pipeline Seal and Insulator, Inc. (PSI), Model S, Advance Model AC End Seals, or approved equal.

4.115 Manholes. Manholes shall be constructed as indicated on the plans. Manhole ring and cover shall be constructed of Class 35 gray cast iron weighing not less than 450 pounds conforming to ASTM A48-87 and satisfactory to the Engineer. The manhole ring and cover shall be Deeter No. 1030 or Neenah R-1703. Manhole steps are not required unless otherwise noted on plans.

Manholes of precast sections conforming to ASTM C478 specifications shall be used. Precast concrete sections for manholes shall be installed with bituminous joint filler.

4.116 Submittals. The Contractor shall provide to the Engineer the following submittals, shop drawings, certifications and other related documents for review and approval:

- a. Provide catalog cuts showing weights, dimensions, and sizes of all pipe materials, fittings, glands, bolts, adapters, etc. to be utilized on this project.
- b. Provide catalog cuts of all fire hydrants, gate valves, butterfly valves, fittings, manholes, valve boxes, grounding mechanisms, tracer wire, corporation valves, curb stop, curb stop boxes to be utilized on this project.
- c. Provide catalog cuts showing weight, dimensions and sizes of all casings, casing chocks, and casing ends seals to be utilized on this project.
- d. See specification 1.606 for additional details.

4.117 Tracer Wire Locating Station: Furnished by City of Hastings. Installed by Contractor subsidiary to bid.

SECTION 4-2 - CONSTRUCTION METHODS

4.201 Excavation. The Contractor shall perform all excavation of whatever substances are encountered to the depth shown on the drawings, or to provide a minimum cover of five (5) feet

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(1.5 M) over the top of the pipe. The Engineer shall have the right to limit the amount of trench that may be opened in advance of the line of work, along with the duration in which the excavation is open. All excavated materials not required for backfill shall be removed from the project by the Contractor. Banks of trenches shall be kept as nearly vertical as practicable and, where required, shall be properly sheeted and braced. Trenches shall be of sufficient width to provide working space for proper laying and embedment.

The bottom of the trenches shall be accurately graded to provide uniform bearing and support for each section of pipe on undisturbed soil at every point along its entire length, except for portions of the pipe sections where it is necessary to excavate for bell holes.

Whenever wet or unstable soil that is incapable of properly supporting the pipe, as determined by the Engineer, is encountered in the trench bottom, such soil shall be removed to the depth and length determined by the Engineer, and the trench backfilled to grade with sand, gravel or other suitable material.

All grading in the vicinity of trench excavation shall be controlled to prevent surface water from flowing into the trench. Any water accumulating in the trench shall be removed by pumping or other approved method. Material excavated from the trenches shall be stacked in an orderly manner a sufficient distance back from edge of trenches to avoid overloading and preventing slides or cave-ins. Material unsuitable for backfilling shall be wasted by the Contractor as directed by the Engineer. Any unauthorized excavation below grade shall be backfilled at the Contractor's expense with good, well-tamped material.

A minimum of one foot (1') (300 mm) of topsoil (unless otherwise noted on the plans) shall be removed in any and all areas covered by vegetation. This topsoil shall be stockpiled separately from the material removed from the remainder of the trench. After the pipe is installed and the trench backfilled to an elevation one foot (1') (300 mm), (unless otherwise noted on the plans) below grade, the topsoil shall be replaced and compacted as previously described.

Excavation will not be classified. Whatever material is encountered shall be excavated to the proper grades and if, in any locations, such material is not sufficient to provide a uniform, even bed for the pipe, the trench shall be excavated at least six inches (6") (150 mm) deeper than the grade at the bottom of the pipe and the space thus excavated shall be refilled with earth or sand and thoroughly compacted.

4.202 Horizontal Directional Drill (HDD).

Directional drilling to be completed by an experienced Contractor. The contractor shall submit a work plan prior to beginning work which outlines the procedure and schedule to be used while construction is in progress. The work plan must include specific equipment to be used, list of supervisory, technical, and general personnel to be utilized during the project. Any permits required but not limited to erosion & sediment control plan, traffic control plan and trench shoring plan to be submitted.

HDD shall utilize a guidance system along with drilling fluid (mud) system. The drilling fluid system shall include a self-contained drilling fluid mixing system adequately sized. The drilling fluids to be mixed thoroughly and be absent of any clumps or clods. No hazardous additives may be used. Used drilling fluid and spilled fluid to be contained and disposed of properly.

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The drill path is to be accurately surveyed with entry and exit stakes placed in appropriate locations. The minimum cover required over water main piping is five (5) feet. Additional bury depth may be required as indicated on the plans. In the event the pipe is to be field installed after locating of existing utilities, the contractor must submit a bore plan profile which includes all existing utilities.

Pilot hole shall be drilled to not exceed the maximum allowed pipe deflection. Upon successful completion of the pilot, the bore will be reamed to a minimum of 25% greater than the outside diameter of the pipe to be installed. The contractor will pull the pipe to be installed back through the bore hole utilizing a swivel to prevent torsional stresses occurring in the pipe. A final bore log must be submitted to the engineer.

4.203 Protection of Existing Utilities. The accuracy of location of existing underground utilities as shown on the plans is not guaranteed. It shall be the duty of the Contractor to locate these utilities in advance of excavation, and to protect same from damage after uncovering. House service lines are shown on the plans. The Contractor shall contact the owners of the utilities for assistance in locating these service lines. Any expense incurred by reason of damaged or broken lines shall be the responsibility of the Contractor.

The Contractor shall not begin any excavation until he has contacted Diggers Hotline at 811.

4.204 Tunneling. Tunneling, when necessary, shall be done under the supervision of the Engineer. Jacking or boring may be permitted where indicated in the plans. Before proceeding with boring or jacking, the Contractor shall submit to the Engineer for his approval a plan sketch showing the frame, bracing, pit details, etc. Whenever a steel casing is required, joints shall be welded with full strength welds. The Contractor shall maintain proper joint alignment and use full penetration welds.

4.205 Pipe Cutting. Cutting of the pipe shall be kept to a minimum and shall be done in a neat and workmanlike manner without damage to the pipe. Unless otherwise authorized by the Engineer, cutting shall be done by means of an approved type of mechanical cutter. Hydraulic cutters shall be used when practicable.

4.206 Installation of Water Mains.

4.206(a) Installation of DIP Water Mains. The installation of ductile iron water main shall be in accordance with the latest revision of AWWA C600. All DIP (Class 52 and Pressure Class) water main installation shall also be in accordance with the following:

- 1) Pipe and accessories shall be handled in such manner as to insure delivery to the work in a sound, undamaged condition.
- 2) While suspended in a sling and before lowering into the trench, all pipe shall be inspected for defects. Defective, damaged or unsound pipe will be rejected. Deflections from a straight line or grade, as required by vertical or horizontal curves, shall not exceed manufacturer's recommendations and approval by the Engineer.
- 3) Mechanical joints shall be installed under the provisions of the recommendations of the joint manufacturer.
- 4) Fittings at bends or dead ends shall be firmly blocked against the vertical face of the trench to prevent fittings from being blown off the lines when under pressure. Blocking shall

SECTION 4 - WATER MAIN SPECIFICATIONS

conform to the plan for concrete blocking for fittings. Where pipe ends are left for future connections, they shall be valved, plugged or capped as shown on the plans. Where connections are made between new work and existing mains, the connections shall be made by using fittings as required.

- 5) All DIP where noted on the drawings shall have a tracer wire buried beside the invert of the pipe as shown on the drawings. A tracer wire locating station will be supplied to the Contractor by HU. The tracer wire furnished by HU will be a 12 or 14 AWG solid, Protrace HF-CCS PE30 or equal 30 Mil (0.8 mm) HMW-HDPE coated copper wire. The color will be blue. The wire shall be continuous and unspliced from tracer wire locating station to tracer wire locating station. The tracer wire shall be electrically intrinsic with reference to the water distribution system.

All DIP water main or water service lines of 4" (100 mm) diameter or greater shall have warning tape buried 12" (300 mm) to 24" (600 mm) above the top of the pipe. The warning tape will be inscribed with the message "CAUTION BURIED WATER LINE". The warning tape will be a minimum of 3" (75 mm) in width. The warning tape will be a minimum 4 mils (0.1 mm) in thickness. The warning tape will be blue in color and furnished to Contractor by HU. Installation of tracer wire and warning tape will be subsidiary to bid.

- 6) The use of pipe gasket lube shall be limited to Blue Lube manufactured by Whitlam Plumb-Pro or equal. The use of yellow gasket grease is not permitted or allowed to be stored on site. Pipe gasket lube shall be NSF Standard 14 and 61 certified for potable use. Care shall be taken to limit the amount of pipe gasket lube applied as this will aid in cleanup of the water main and assemblies.

4.206(b) Installation of PVC Water Main. The installation of polyvinyl chloride (PVC) water main shall be in accordance with the latest revision of AWWA C605.

All PVC water main installation shall also be in accordance with the following:

- 1) Pipe and accessories shall be handled in such a manner as to insure delivery to the work in a sound undamaged condition. All PVC pipe stored on site and expected to be stored for more than 3 months, shall be covered with tarpaulins to protect the pipe from ultra violet light damage as required by AWWA C-605 Section 2.3.1.
- 2) Prior to the pipe being placed in the trench and while suspended in a sling, all pipe shall be inspected for defects. Defective, damaged, scratched, bleached, cut, scarred, or unsound will be rejected. Deflections from a straight line or grade, as required by vertical or horizontal curves, shall not exceed manufacturer's recommendations and approval by the Engineer.
- 3) Mechanical joints shall be installed under provisions of the recommendations of the joint manufacturer.
- 4) Fittings at bends or dead ends shall be firmly blocked against the vertical face of the trench to prevent fittings from being blown off the lines when under pressure. Blocking shall

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conform to the plan for concrete blocking for fittings. Where pipe ends are left for future connections, they shall be valve, plugged or capped as shown on the plans. Where connections are made between new work and existing mains, the connections shall be made by using fittings as required.

- 5) All PVC where noted on the drawings shall have a tracer wire buried beside the invert of the pipe as shown on the drawings. A tracer wire locating station will be supplied to the Contractor by HU. The tracer wire furnished by HU will be a 12 or 14 AWG solid, Protrace HF-CCS PE30 or equal 30 Mil (0.8 mm) HMW-HDPE coated copper wire. The color will be blue. The wire shall be continuous and unspliced from tracer wire locating station to tracer wire locating station. The tracer wire shall be electrically intrinsic with reference to the water distribution system.

All PVC water main or water service lines of 4" (100 mm) diameter or greater shall have warning tape buried 12" (300 mm) to 24" (600 mm) above the top of the pipe. The warning tape will be inscribed with the message "CAUTION BURIED WATER LINE". The warning tape will be a minimum of 3" (75 mm) in width. The warning tape will be a minimum 4 mils (0.1 mm) in thickness. The warning tape will be blue in color and furnished to Contractor by HU. Installation of tracer wire and warning tape will be subsidiary to bid.

- 7) The use of pipe gasket lube shall be limited to Blue Lube manufactured by Whitlam Plumb-Pro or equal. The use of yellow gasket grease is not permitted or allowed to be stored on site. Pipe gasket lube shall be NSF Standard 14 and 61 certified for potable use. Care shall be taken to limit the amount of pipe gasket lube applied as this will aid in cleanup of the water main and assemblies.

4.206(c) Installation of HDPE Water Mains. The installation of HDPE water mains shall be in accordance to the following:

- 1) The pipe and accessories shall be handled in a manner to insure the work is sound undamaged condition.
- 2) All HDPE pipe shall be stored shall be covered with tarpaulins to protect the pipe.
- 3) All HDPE where noted on the drawings shall have a tracer wire buried beside the invert of the pipe as shown on the drawings. A tracer wire locating station will be supplied to the contractor by HU. The tracer wire furnished by HU will be a 12 or 14 AWG solid, Protrace HF-CCS PE30 or equal Gauge, 30 mil (0.8 mm) HMW-HDPE coated copper wire. The color will be blue. The wire shall be continuous and unspliced from tracer wire locating station to tracer wire locating station. The tracer wire shall be electrically intrinsic with reference to the water distribution system. Installation of the tracer wire will be subsidiary to the bid.
- 4) All HDPE water main or 4" (100 mm) or greater shall have a warning tape buried 12" (300 mm) to 24" (600 mm) above the top of pipe. The warning tape will be inscribed with the message "CAUTION BURIED WATER LINE". The warning tape will be a minimum of 3" (75 mm) in width. The warning tape will be a minimum of 4 mils (0.1 mm) in thickness. The warning tape will be blue in color and furnished to Contractor by HU. Installation of the warning tape will be subsidiary to the bid.

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- 5) Prior to the pipe being placed in the trench and while suspended in a sling, all pipe shall be inspected for defects. Defective, damaged, scratched, bleached, cut, scarred, or unsound will be rejected. Deflections from a straight line or grade, as required by vertical or horizontal curves, shall not exceed manufacturer's recommendations and approval by the Engineer.
- 6) Joining methods:
 - a) Butt Fusion: HDPE pipe joined by the butt fusion shall be done in accordance with ASTM F2620 or PPI TR-33. All fusion joints shall be made in compliance with the pipe or fitting manufacturer's recommendations. Fusion joints shall be made by qualified fusion technicians per PPI TN-42. Qualification of the fusion technician shall be demonstrated by evidence of fusion training within the past year on the equipment to be utilized on the project. Provide copy of Butt Fusion procedure to Engineer 10 days prior to construction for review and approval.
 - b) Saddle fusion: HDPE pipe joined by Saddle fusion shall be in accordance with ASTM F2620, TR-41 or the fitting manufacturer's recommendations and PPI TR-41. Saddle fusion shall be used to fused branch saddles, tapping tees, and other HDPE constructs onto the wall of the main pipe. Saddle fusion joints shall be made by qualified fusion technician. Qualification of the fusion technician shall be demonstrated by evidence of fusion training within the past year on the equipment to be utilized on the project. Provide copy of Saddle Fusion procedure to Engineer 10 days prior to construction for review and approval.
 - c) Electrofusion: HDPE pipe joined by Electrofusion shall be done in accordance with the manufacturers recommended procedure. Other sources of electrofusion joining information are ASTM F1290 and PPI TN-34. The process of electrofusion requires an electric source, a transformer, commonly called and electrofusion box. The electrofusion box must be capable of reading and storing the input parameters and the fusion results for later download to an electronic record file. Qualification of the fusion technician shall be demonstrated by evidence of electrofusion training within the past year on the equipment to be utilized for this project. Provide copy of Electrofusion procedure to Engineer 10 days prior to construction for review and approval.
 - d) Mechanical coupling that wrap around the pipe and act as saddles shall be recommended by the manufacturer as being designed for use with HDPE pipe. Mechanical connection of HDPE to auxiliary equipment such as valves, pumps, and fittings shall use mechanical joint adapters and other devices in conformance with the PPI Handbook of Polyethylene Pipe, Chapter 9 and AWWA Manual of Practice M55, Chapter 6.
 - e) Joint construction records are the critical parameters of each fusion joint. As required by the manufacturer this data shall be recorded either manually or by an electronic data logging device. All fusion joint data shall be included in the Fusion Technician's joint report and provided to the Engineer for review.

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- 7) Buried HDPE pipe and fittings shall be installed in accordance with ASTM D2321 or ASTM D22774 for pressure systems, AWWA Manual practice M55 Chapter 7 and as specified within these specifications for the placement of Water Main.

4.207 Service Interruptions. When it becomes necessary, for the purpose of making connections or for any other reason, to shut off or turn on water in any existing mains, it is the sole responsibility of the Contractor to notify the City Water Department, through the Resident Engineer, as to when and for how long service will be interrupted, and also to notify all water users well in advance to that they might prepare themselves for the period during which service might be interrupted. Valves shall not be opened or closed by anyone other than City Water Department personnel.

4.208 Fire Hydrants and Valve Boxes. All fire hydrants, valves, and valves boxes shall be installed in the lines as shown on the drawing and as directed by the Engineer. All apparatuses shall be set plum. Valve boxes shall be centered directly over the valves. Earth fill shall be carefully hand tamped around all valve boxes and fire hydrants. Valves boxes shall have the interiors cleaned of all foreign matter before installation.

All valve boxes shall be installed to permit without restriction valve wrenches. All fire hydrants shall be installed in accordance with the latest revision of AWWA Manual M17, "Installation, Field Testing and Maintenance of Fire Hydrants", and no more than 1/4" per two (2) vertical feet out of plumb in any direction. The engineer shall measure the plumbness of all fire hydrants installed. Any fire hydrant not installed correctly and plumbed shall be straightened and any additional extensions of the barrel to raise it to grade shall be provided without additional reimbursement. Review of the plumbness test by the Engineer shall be requested by the Contractor prior to beginning of the project. If a review is not requested, the Engineer may assume the Contractor fully understands the requirements for proper hydrant installation.

4.209 Cleaning, Disinfection, Flushing and Pressure Testing of Water Mains

Procedures for the disinfection of the water mains shall be in accordance with the latest revision of AWWA C651. Specifically each segment of completed water main to be disinfected shall not exceed a length greater than 1,000 LF unless otherwise approved by the Engineer.

All costs associated with disinfection, flushing and pressure testing of the water mains and appurtenances shall be considered subsidiary to the main installation.

To aid in the cleaning and disinfection of the water main the contractor shall comply with the following:

1. All water main materials shall be shipped in plastic wrap or provided removal plugs to limit contamination during shipping. Water main pipe shall be shipped with a tarp or cover to protect the pipe end (windward end) during transport.
2. Onsite storage of water main materials shall be placed on skids or blocks to limit contamination while in storage. Provide minimum of 4 inches elevation above the ground line and not located in areas that may become flooded.

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3. Tarps or plastic wrap shall be provided to secure the open end of the pipe and water materials from contamination during site storage. Contractor shall limit site storage to amounts that can be installed in a timely manner to limit contamination.
4. Each section of pipe, all fittings and other water main assemblies shall be thoroughly inspected for presence of dirt, oil film(s), and debris prior to installation. Contractor shall remove and clean all visible contamination.
5. During installation the open end of the water main or assembly shall be fitted with a plug to limit contamination. This shall be used at all times. For periods where construction will be delayed for more than 1 hour a tight fitting plug shall be installed that will prevent water intrusion at a pressure of at least 10 feet of hydraulic head.
6. A suggested process for cleaning the water main pipe prior to installation is to power wash the inside of the pipe from each end of the pipe then swab each pipe with a soft foam or soft sponge pig soaked with chlorinated water, swab once from each end using a bull float pole to push the pig through. Then power wash the inside of each pipe one more time. Bag each end of the pipe with a heavy plastic garbage bag and seal with duct tape. After the pressure testing is completed, the pigging process shall consist of running the vinyl covered pig with bristles through the water main at least 4 times, then running the vinyl covered pig without bristles through at least 2 times, then running the non-vinyl covered hard foam pig through at least two times or at such time as the water is clear. New pigs shall be used with each water section thereof. Once the pigging process is completed the water main shall then be chlorinated. City of Hastings will supply two sets of pigs for the first two times of pigging on each section of main being cleaned. Length of each section of main to be determined by the engineer.
7. Use of granular chlorine or chlorine tabs will not be permitted.
8. As noted on the drawings a pig launching assembly shall be installed. Foam and / or polyethylene bristle pigs shall be provided by City of Hastings to aid in cleaning. Contractor shall provide at no cost the installation of the cleaning pigs. City of Hastings will provide pigs for the first two times of pigging on each section of main being cleaned. Any pigging after the first two times will be the contractors expense including City of Hastings Water Department labor and truck charges. Additional pigs will be purchased through the City of Hastings Warehouse at contractors expensive including all overhead costs.
9. A written plan for providing cleaning, disinfection and sampling shall be provided to the engineer for approval before main installation begins. A walk thru of the project prior to main installation shall be conducted with the contractor foreman to review disinfection procedures.

Flush Water Disposal

The contractor shall provide all piping, hoses, ditches and other conveyance devices to properly dispose of the water from the water mains. The following procedures shall be used:

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1. Flush water containing chlorine in excess of 1 mg/l shall be directed to the sanitary sewer at rates that do not exceed the capacity of the receiving sanitary sewer. In the event a sanitary sewer is not available to the contractor, City of Hastings Sewer Department shall provide assistance in removing the chlorine., Plan and procedures for de-chlorination shall be approved by the engineer prior to commencing work.
2. Waters containing 1 mg/l or less of free residual chlorine to be flushed from the main shall be directed to appropriate storm sewers, ditches or other drainage ways. Disposal of flushed water shall be the responsibility of the contractor. Erosion caused by flushing activities shall be repaired by the contractor. Repair of right of ways and private property shall be completed to the satisfaction of the property owner or controlling authority.

Water Main Disinfection and Flushing

Water main disinfection and flushing shall be completed in a timely manner. As noted above a written plan shall be prepared and provided to the engineer for approval. The plan shall limit the amount of time water is allowed to be placed in the main prior to disinfection procedures are applied. The following terms and conditions shall be used with respect to disinfection and flushing of water mains:

Step 1. Pre-flushing (By HU Forces): Once the water main has been installed and all appropriate control valves placed into service, the water main shall then be flushed with potable water. This shall be done at a minimum velocity of 5 fps or maximum achievable with normal system water pressure. Pre-flushing of the water main shall be conducted for a sufficient period of time until the water is clear and then an additional five (5) pipe volumes of water shall be discharged. See above for flush water disposal requirements. City of Hastings forces shall be responsible for the operation of all Hastings water valves.

Step 2. Hydrostatic Pressure Testing (By Contractor): Immediately after pre-flushing of the main (within 1 hour) the water mains shall be hydrostatically tested. Hydrostatic testing shall be in accordance with the latest revision of AWWA C600 Section 4 or AWWA C605 Section 7 as deemed appropriate. Hydrostatic testing shall be performed at a pressure of 140 psi (965 kPa) minimum to 150 psi (1035 kPa) maximum, with an maximum drop in pressure of 2 psi (14 kPa) over a two hour period. All defective materials or improperly installed materials shall be repaired or replaced as deemed appropriate by the engineer. The hydrostatic pressure test shall be repeated after all repairs are completed and until satisfactory results are obtained.

Step 3. Aggressive Main Cleaning (Pigging) (By Contractor): Immediately after hydrostatic testing is satisfactorily completed (within 1 hour) the water mains shall be aggressively pigged using hard foam, vinyl covered pigs with plastic bristles, followed by hard foam vinyl covered pigs without plastic bristles, followed by hard foam pigs without vinyl covering, all supplied by City of Hastings. Every effort shall be made to aggressively clean all sections of the water main. Pigs of appropriate size shall be launched into the water main and pushed through the main using water system pressure. Multiple pigs shall be launched until water flushed with the pig is clear. An additional 2 pigs shall then be launch to insure all debris has been removed. See above for flush water disposal requirements. City of Hastings forces shall be responsible for the operation of all Hastings water valves.

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Step 4. Initial Disinfection (By Contractor): Immediately after the water main has been aggressively cleaned (within 1 hour), the water main shall be disinfected with chlorine. Sufficient amounts of chlorine shall be used to provide a minimum of 25 mg/l to a maximum of 100 mg/l of free chlorine residual for a minimum contact time of 24 hours. Chlorine shall be added to each section of main using a continuous-feed method. The contractor shall provide, install, and operate all chlorination equipment. Chlorine material will be supplied by the owner and placement is the responsibility of the contractor. No additional compensation is provided. City of Hastings forces shall be responsible for the operation of all Hastings water valves.

Step 5. Flushing (By HU Forces): Once the water main has been disinfected the water main shall be flushed. Flushing of the water main shall be conducted for a sufficient period of time to remove all traces of chlorine. A field chlorine test shall be conducted to confirm all chlorine has been removed. See above for flush water disposal requirements and specifically for waters containing chlorine. Once the chlorine is removed flush an additional five (5) pipe volumes. City of Hastings forces shall be responsible for the operation of all Hastings water valves.

Step 6. Bacteriological Sampling (By HU Forces): Once the water main has been flushed of disinfectant samples for coliforms and heterotrophic bacteria (a.k.a. HPC or plate count) shall be collected. The water shall be tested for chlorine residual to insure that all chlorine has been removed. The water samples shall be collected from a service tap. The contractor at his expense shall excavate a location in which City of Hastings Forces will install a 1 inch service saddle and polyethylene water service to allow for sampling. The water main shall not be aggressively flushed during the sample collection. The water main is deemed to be clean once two sets of samples are collected 24 hours apart and show no evidence of coliforms (zero coliforms) or heterotrophic bacteria (a.k.a. HPC or plate count) greater than 500 colony forming units per ml (500 cfu/ml).

All samples will be collected by HU forces and delivered to the testing lab. The Nebraska Health Department in Grand Island, NE or Servi-Tech Labs in Hastings, NE shall be used for the testing of these samples. Coli-Alert procedures shall be used for the testing of coliforms.

During each sampling event coliform and heterotrophic bacteria samples shall be collected at a point where system water enters the project. These samples are collected to insure the water used for cleaning of the mains is potable.

Step 7. Re-cleaning of the water main (By Contractor): If the water main after testing and flushing as noted above has not been successfully cleaned, then it shall be re-cleaned beginning with Step 3 as noted above. Selection of the pig type and construction shall be reviewed with the engineer for approval. All water used after initial Step 6 as noted above shall be metered using estimated flow rates as determined by City of Hastings. This water shall be purchased by the contractor at current residential (Urban) water rates. Expense of all retesting of the water main for coliforms and heterotrophic bacteria (a.k.a. HPC or plate count) shall be the responsibility of the contractor.

Step 8. Surfactant Cleaning (by Contractor): If deemed necessary by the contractor the water main may be cleaned using a National Sanitation Foundation (NSF) approved surfactant equal to a Johnson Screens NW-400. Application rate of the surfactant shall be as per manufactures recommendation. NW-400 shall be injected at a rate of 1 gallon per 1500 to 2000 gallons of water. Additionally the main shall be provided chlorine at a minimum rate of 25 mg/l and a maximum of 100 mg/l of free available chlorine. The surfactant and chlorine shall be allowed to be in contact

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with the pipe interior for a minimum of 24 hours and a maximum of 96 hours. Flushing of the surfactant and chlorine shall be deemed complete when there is not chlorine residual present.

4.210 Separation from Sanitary Sewer Mains. There shall be a minimum of eighteen (18) inches (450 mm) clearance between water mains and sanitary sewer mains crossing at approximately ninety degrees (90°). There shall be a minimum of 10' horizontal clearance between water mains and sanitary sewer, manholes and storm sewers measured from outside of pipe to outside of pipe.

4.211 Trench Backfilling. Trench backfill shall conform to following:

- 1) All water mains and services shall be properly bedded with insitu soils unless otherwise directed due to poor soils or soil conditions. The Engineer shall instruct the Contractor in proper operation and fill material if conditions are deemed less than favorable. Insitu soils typically deemed satisfactory are local clay, silt loam, and sandy soils found in the Hastings area.

Ductile Iron Pipe. All ductile iron pipe shall be bedded as shown on bedding detail II of the plans with insitu soils to top of pipe or twelve inches (12") (300 mm) above top of pipe as noted. The bedding process shall be accomplished by mechanical means and by introducing backfill material layers not to exceed six inches (6") (150 mm) depth. Each lift shall be thoroughly compacted before introducing additional backfill material. Hand tamping will be required whenever streets, driveways, or terraces requiring sodding will be placed above the water main installed. The bedding shall be accomplished using a hand tamper for each six inch (6") (150 mm) lift of soil to the top of the pipe. Other mechanical means such as a rolling vibratory sheeps foot can be utilized for the next twelve inches (12") (300 mm) above the top of pipe. **All hand tamping shall be strictly enforced.**

Polyvinyl Chloride Pipe. All polyvinyl chloride pipe regardless of location shall be bedded as shown on bedding detail I of the plans with six inches (6") (150 mm) lifts of soil to a point twelve inches (12") (300 mm) above the top of pipe. **All hand tamping shall be strictly enforced.**

Upon bedding of pipe, fill may be introduced suitable to the type of method that will be used for compaction, i.e., roll compactor, hydraulic vibrator, etc. Lift thickness will be determined in field by inspector and job foreman, with a maximum loose lift thickness of 12" under streets.

- 3) Compaction test may be taken at random locations and different depths as determined by inspector. Average of two compaction tests will be taken at each 50 lineal foot (15 M) of trench and test at an elevation to be determined on job site and dependent on depth of trench. Contractor will be required to make excavation for test.
- 4) Test results for compaction shall meet or exceed following:
 - a. 95% standard proctor density for terraces.
 - b. 98% standard proctor density for driveways, sidewalks, streets.

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- c. Assumption that moisture content ($\pm$) 3% of optimum failure of test to reach these minimum results will require re-compaction by Contractor.

- 5) No unsuitable material will be allowed in backfilling, i.e., rock, saturated soils, concrete, brick, mortar, vegetation, debris, grasses, etc. Contractor will be required to remove such from job site and replace with adequate amount of approved material. The Contractor shall supply suitable backfill material from an approved borrow site acceptable to the Engineer at the unit price in the proposal.

Any area found unstable because of plastic soils will have to be replaced by the Contractor with suitable material

- 6) Water settling will not be permitted.
- 7) If proper compaction requires additional soil to be brought to the site by the Contractor, all expenses for this additional soil shall be considered subsidiary to the pipe installation.
- 8) Contractor shall return ditch elevations to preexisting elevations as shown on the plans. If it is determined after the construction is complete the Contractor has not done so, he will be required to return the ditch to original elevation at his cost.
- 9) The Contractor shall hand tamp around all fire hydrants, curb stops, and valve boxes with hand tampers or pad tampers ("Jumper Jacks") to insure proper compaction.

In the event settlement of any backfill associated with the project is encountered, the Engineer shall notify the Contractor in writing to repair all defects, including settlement and associated street repair, if it is discovered within the three (3) year maintenance period. No extra monies will be paid for repairs caused by settlement of the backfill.

4.212 Trench Wall Support. All trenches shall be braced or sheeted as to local soil conditions dictate and in full compliance with OSHA, as well as local, State of Nebraska, and other Federal requirements. There shall be sufficient tamped cover over pipe to protect in removal of shoring material.

4.213 Encasement Pipe. The encasement pipe for railroad and street crossings shall be installed by tunneling. The encasement pipe shall be installed as shown on the plans. Casing chocks shall be provided as indicated on the drawings. The casing chocks shall be securely fastened to the carrier pipe.

The casing chocks shall be placed approximately 7'-0" (2.1 M) on center with a casing chock placed 3'-0" (0.9 M) from each end of each section of pipe. On a standard 20'-0" (6.0 M) length of pipe, three casing chocks shall be installed.

Both ends of the encasement pipe shall be closed with a standard pull-on S-shaped seal as manufactured by Pipeline Seal and Insulator Inc., Model S, Advance Model AC End Seal, or approved equal.

After installation of the smooth steel pipe, City of Hastings shall install two 48 pound (21.8 Kg) sacrificial anodes or as determined by the Engineer shall be attached and buried at each end of the encasement. The anodes shall be attached to the outside of the encasement, one on each side.

4.214 Pipe Plug. The Contractor shall utilize a water tight mechanical plug or cap of appropriate size to secure the open end of the pipe from debris entering into the pipe. This shall

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be strictly enforced at the end of each day, during any breaks lasting more than 30 minutes or unscheduled stoppage which the pipe may be left unattended for more than 30 minutes. Buckets, duct tape and other methods will not be allowed.

SECTION 4-3 - METHOD OF MEASUREMENT AND BASIS OF PAYMENT

4.301 Water Main. Water main shall be measured for payment by measuring the length down the center line of construction of all pipelines installed, with no deduction for fittings or valves. Payment shall be made at the contract unit price per lineal foot for various sizes, including fittings, excavation and backfill, complete in place. The cost of providing and installing location tape shall be considered subsidiary to the water main.

4.302 Valves and Boxes. Valves and valve boxes shall be paid for at the contract unit price, complete in place.

4.303 Hydrants. Fire hydrants shall be paid for at the contract unit price, complete in place.

4.304 Manholes. Manholes shall be paid for at the contract unit price bid per manhole, for a depth of five feet (5') (1.5 M), which payment shall include footings, ring and cover. Additional payment shall be made for manholes more than five feet (5') (1.5 M) in depth, measure from top of footings to top of cover, at the contract price for each vertical foot or fraction thereof in excess of five feet (5') (1.5 M).

4.305 Fittings. Fittings such as tees, bends, solid sleeves, MJ to MJ adapters, and reducers including all glands and bolts shall be paid for at the contract unit price, complete in place. If in the event additional fittings are required to be installed, then additional fittings shall be paid for at the unit price per pound of the base weight of the fitting.

All ductile iron fitting weights shall be computed using AWWA C153.D.I. Compact Fittings whenever appropriate. In the event a compact fitting weight is not provided by AWWA C153, then the appropriate ductile iron fitting weight as specified in AWWA C110 shall be used. If in the event special items that are called for on the drawings are not referenced in AWWA C110 or C153, then appropriate manufacturer weights shall be utilized. The fitting weights shall consists of the base weight only; all bolts, gaskets and glands shall be considered subsidiary to the pay item.

The Contractor will be reimbursed for actual installed fitting weights using the manufacturers standard weight schedule.

4.306 Boring and Encasement. The construction of encasement pipe shall include boring, excavation, backfill, casing pipe, and cathodic protection. All other items necessary to complete the installation encasement pipe shall be considered subsidiary to the bid item. The amount of encasement installed shall be measured along the center-line of the encasement and shall be paid for at the contract unit price.

4.307 Hydrant Extension. Hydrant extensions as required or as directed by Engineer shall be paid for on a per extension basis; such as 3" (75 mm), 6" (150 mm), 9" (225 mm), etc. Payment shall compensate the Contractor for all labor, fabrication, installation, backfilling, excavating, and all other incidental work as specified or directed by Engineer.

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4.308 Valve Box Extension. Valve box extension shall be considered subsidiary to the installation of the valve and valve box.

4.309 Extra Depth Excavation and HDD. When deemed necessary by the Engineer for extra depth greater than 2.0 feet (600 mm) from plan grades, additional compensation shall be provided a per foot depth per linear foot basis. Payment shall include all excavating, backfilling, labor, and other incidental work as specified.

When bury depth is not indicated and rather to be field determined by the contractor, no additional compensations will be made.

No additional compensation will be made when the Contractor varies depth do his operation or failure to control his operation.

4.310 Tracer Wire. The tracer wire and locating station is supplied by HU and the cost of installation by the Contractor is subsidiary to bid.

4.311 Service Connection. The payment for the installation of a service connection for 3/4" to 2" in diameter shall include all excavations, backfilling, re-sodding, re-seeding, service saddles, connections to tracer wire, corporation valves, purchase of materials, fabrications, and all other incidentals for a complete installation. Payment will be made for each class of work and for each size of service required.

4.312 Water Service Lines. The payment for the installation of water service lines for 3/4" to 2" in diameter shall include all excavation, backfilling, re-sodding, re-seeding, service saddles, installation of tracer wire, water service lines, corporation valves, purchase of materials, fabrications, and all other incidentals for a complete installation. Payment will be made for each class of work and for each size of service required.

4.313 Curb Stop. The payment for the installation of a curb stop shall include all excavation, backfilling, re-sodding, re-seeding, curb stops, connection to tracer wire, purchase of materials, fabrication, and all other incidentals for a complete installation. Payment will be made for each class of work for each size of curb stop required.

END OF SECTION

SECTION 5

SPECIFICATIONS FOR

CONSTRUCTION SITE STORM WATER MANAGEMENT AND CONTROL

SECTION 5-0 - SCOPE OF WORK

The work covered by this section of the specifications consists of furnishing all labor, plant, equipment, appliances and materials, and performing all operations necessary to manage and control storm water runoff as per Nebraska NPDES General Permit for Storm Water Discharge from Construction Sites Number NER100000. No additional compensation or time will be allowed for this work.

The contractor shall prepare and submit an NOI (Notice Of Intent) to the Nebraska Department of Energy & Environment (NDEE) along with the City prepared Erosion & Sediment Control Plan & SWPPP so the NDEE can issue a Construction StormWater (CSW) Permit for the project.

The contractor shall incorporate good housekeeping best management practices for stormwater pollution prevention as provided in Chapter 8 of the City of Hastings Drainage Criteria Manual (HDCM). The HDCM is available by request and is on the City website at:
<https://www.cityofhastings.org/services/document-central.html>.

Section 5-1 – Applicability

5.101 General Storm Water Pollution Prevention Policy. The contractor shall be responsible for storm water management of the construction site. This shall include proper storage, handling and disposal of hazardous material. This shall also include proper handling of petroleum products. All hazardous, fuels, oils, and greases shall be properly stored, handled and disposed in accordance with relevant Material Safety Data, Federal, State and Local regulations. The dumping on the ground or storage of waste fuels and / or motor oil in open containers shall be prohibited. If oils or fuels are dumped on the ground the contractor shall remove all contaminated soils and properly dispose in accordance with state and local regulations within 24 hours. If the contractor fails to keep the construction site free of waste and spills Hastings Utilities shall withhold two times the monies as deemed appropriate by the engineer for the clean up and disposal by outside services.

- 1) When hazardous chemicals, fuels, oils and or greases are stored on site the contractor shall provide, when requested by the engineer, appropriate Material Safety Data Sheets for these materials.
- 2) The contractor shall operate and manage his operation in an environmentally safe manner and shall also have a strong no dumping policy. If a spill of hazardous chemicals, fuels, oils and / or greases occurred in reportable quantities as deemed by Federal and State regulations the contractor shall notify the appropriate Federal and State authorities and in addition Local Emergency Management at 402-461-2361.
- 3) It is suggested but not required that the contractor develop a written policy addressing safety procedures for the containment and proper disposal of all spills including employee training.

SECTION 6

TECHNICAL SPECIFICATIONS

SECTION A—CLEARING AND GRUBBING

1. **Description.** The work of clearing and grubbing shall be as described in Section 202 of the 2017 State Specifications. Note that all trees were removed for the Lochland Meadows 17th Subdivision during the sanitary sewer construction. There are no anticipated trees to be removed in the paving and water construction contract
2. **Construction Methods** used for clearing and grubbing shall be in conformance with Section 202.02.
3. **Method of Measurement and Payment.**
 - (a) Clearing and grubbing of trees shall be measured and paid for as described in Section 202.01
 - (b) General clearing and grubbing shall not be measured and paid for directly but shall be paid as a lump sum in accordance with Section 202.01.

SECTION B—EARTHWORK

1. **Description.** Roadway and site grading including general excavation and embankment construction shall be completed as shown on the plans. The Contractor shall strip and stockpile the existing topsoil for redistribution during final grading over areas to be sodded or seeded. All fills, and areas to receive surfacing shall be prepared and compacted to the minimum densities shown on the plans and specifications.

Where feasible, any areas in the construction area to be paved to receive borrow should be proofrolled with a loaded dump truck, scraper, or similar rubber-tired equipment weighing at least 15 tons. Proofrolling should also be performed in areas requiring mass excavation after rough finished subgrade elevation is achieved. Proofrolling operations should be observed by the Engineer. Unstable and unsuitable soils which are revealed by proofrolling, and which cannot be adequately densified in place, should be removed under the direction of the Engineer. It may be necessary to perform selective removal of soft, wet soils and/or stabilize existing soft soils in-place.

The recommendation generally provided during construction for dealing with surficial wet conditions would be to scarify the top 12 inches of soil and allow the soils to dry back to a moisture content suitable for obtaining the required compaction. This work shall be considered subsidiary to Earthwork item if required.

Structural fill materials have a liquid limit of less than 45, and a plasticity index of less than 25. Silty sand, clayey sand, and poorly graded sand would be suitable for structural fill material as well. Whenever possible, highly plastic silt (MH) or clay (CH) fill soils should not be placed within the upper 4 feet of the final ground elevation. Soils which have a liquid limit greater than 45 and a plasticity index greater than 25 will typically require removal or blending with less plastic materials to result in lower Atterberg limits.

In addition to the plasticity characteristics, the fill soils should also be relatively free of organic materials (less than about two hundredths by weight), other deleterious material and should not contain particle sizes larger than three inches. Imported fill material should be tested prior to placement at the site to verify it complies with the criteria stated in this section of the report. Samples of the proposed imported structural fill should be submitted at least three days prior to placement so the necessary laboratory tests can be performed.

Suitable fill material should be placed in thin lifts (lift thickness depends on type of compaction equipment, but in general, lifts of 8 inches loose measurement is recommended). The soil should be compacted by heavy compaction equipment such as a sheepsfoot roller. Within small excavations, such as in utility trenches (less than 24 inches in width), around manholes or behind retaining walls, we recommend the use of "wacker packers", "Rammax" compactors, or vibrating plate compactors to achieve the specified compaction. Loose lift thickness of 4 inches are recommended in small area fills.

2. Method of Measurement and Payment.

Payment for general roadway and site grading including excavation and construction of embankments shall be paid for at the contract unit price bid per lump sum for the pay item "Earthwork".

The quantities as shown on plans shall be considered established quantities, and no additional measurement or compensation will be made unless changes to the plans are made. This work shall include all items of work associated with the general roadway and site grading including stripping and stockpiling topsoil, furnishing off site borrow, disposal of excess excavated materials, hauling, placement, compaction, water required to achieve compaction, and final grading (including redistribution of topsoil).

SECTION C—SUBGRADE PREPARATION OR FOUNDATION COURSE

- 1. Description.** This work shall consist of the construction of a compacted foundation course in accordance with Section 307 of the 2017 State Specifications.
- 2. Subgrade** To prepare the subgrade, the top 12 inches of the subgrade should be scarified and re-compacted to a minimum of 98 percent of the maximum dry density as determined by ASTM D698, Standard Proctor. The moisture content shall be between -1 and +3 percent of optimum content as determined by ASTM D698 Standard Proctor. The final subgrade should be proofrolled immediately prior to placement of the concrete to detect any localized areas of instability. Unstable areas should be reworked to provide a uniform subgrade.
- 3. Materials.** All materials shall consist of that required to produce Aggregate Foundation Course (regular) as indicated in Section 307.02.
- 4. Construction Methods.** Foundation Course shall be mixed, laid and compacted in accordance with Section 307.03 at locations designated on the plans or as directed by the Engineer.

5. Measurement and Payment.

- (a) All materials and work required to produce, mix, lay, water and compact Foundation Course (regular) will be measured and paid for on a square yard basis and shall be considered full compensation for producing, furnishing, laying, watering and compacting and all work necessary to complete the item of work.
- (b) Subgrade Preparation shall include all necessary materials, soil, labor, equipment, hauling, loading, compaction, water, grading, and all subsidiary items of work for Subgrade Preparation, in accordance with the plans and specifications. The quantity for payment of Subgrade Preparation will be the number of overlying square yards of pavement, including intersections. The areas outside the outside of the pavement edges will not be measured for payment but shall be considered subsidiary to "Subgrade Preparation". The pay item is per one (1) square yard.

SECTION D—FOUNDATION COURSE/SUBGRADE PREPARATION - NOT USED

SECTION E—ASPHALTIC CONCRETE - NOT USED

SECTION F—PORTLAND CEMENT CONCRETE PAVEMENT, CURB WALL, INTEGRAL CURB, CURB AND GUTTER AND SIDEWALK, STRUCTURAL CONCRETE, REINFORCING STEEL

- 1. **Description.** This work shall consist of that described in Division 600 Concrete Paving; Section 704 Concrete Construction including Retaining Walls and Steps; Section 606 Concrete Curb and Gutter; Section 607 Concrete Sidewalks; and Division 700 Bridges, Culverts, Related Construction of the 2017 State Specifications.
- 2. **Materials.** All materials used in the performance of the items of work shall comply with Division 600 and Division 1000 for Concrete Paving (47B).
- 3. **Construction Methods.**
 - (a) Concrete Paving shall be mixed, placed and finished as provided in Sections 603.03.
 - (b) Concrete Retaining Walls and Steps shall be mixed, formed, placed and finished in accordance with Section 704.
 - (c) Concrete Curb and Gutter shall be mixed, placed and finished in accordance with Sections 606.01 through 606.03.
 - (d) Concrete Sidewalks and Drives shall be mixed and finished in accordance with Sections 607.01 through 607.03 and Sections 609.01 through 609.03.

- (e) Structural Concrete for box culverts, bridges and dams shall be mixed and furnished in accordance with Section 704.
- (f) Reinforcing Steel. Steel bars for concrete reinforcement shall conform to Section 707 of the 2017 State Standard Specifications for Highway Construction and shall be deformed, of Grade 40 or Grade 60 billet or Grade 40 or Grade 60 axle steel as shown in the plans, specifications or Special Provisions.

4. Method of Measurement and Payment.

- (a) Portland Cement Pavement shall be measured in place and paid for by the square yard at the contract bid price for “P.C.C. Pavement” at the thickness shown in the proposal and on the plans. Such payment shall be considered full compensation for furnishing all materials including, but not limited to, reinforcing steel, dowel bars, joint sealer, special joints, hauling, placing, sawing, finishing and curing said concrete paving and performing all incidental work necessary to complete the item of work.
- (b) Integral Curb shall be subsidiary to the unit contract bid price for P.C.C. concrete pavement.
- (c) Concrete Curb Wall shall be measured and paid for by the cubic yard in place at the contract bid price for “Concrete Curb Wall” through and including transitions from Concrete Curb Wall to Standard Integral Curb. Said payment will be considered full compensation for furnishing all materials and labor necessary to complete the item of work.
- (d) Concrete Curb and Gutter shall be measured and paid for by the linear foot for “Concrete Curb and Gutter”. Said payment shall be considered full compensation for furnishing all materials and labor necessary to complete the item of work.
- (e) Portland Cement Concrete Sidewalks shall be measured and paid for by the square foot at the contract bid price for “5 Inch P.C.C. Sidewalks”. Said payment shall be considered full compensation for furnishing all materials and labor necessary to complete the item of work.
- (f) Portland Cement Concrete Drives shall be measured and paid for by the square yard at the contract bid price for “6 Inch P.C.C. Drives”. Said payment will be considered full compensation for furnishing all materials and labor necessary to complete the item of work.
- (h) Steel reinforcement shall be considered subsidiary to pavement items.

SECTION G—PAVEMENT, CURB AND GUTTER, SIDEWALK AND DRIVE REMOVAL

1. **Description.** This work shall consist of removing and disposing of Asphaltic Concrete Paving, Concrete Paving, Concrete Curb and Gutter and Concrete Sidewalks and Drives.
2. **Construction Methods.** Limits of paving removals for Asphaltic and Portland Cement Concrete Paving including Curb and Gutter, Sidewalks and Drives, when indicated in the plans or directed by the Engineer, shall be sawed to a depth sufficient to result in a straight and undamaged edge on the remaining pavement.

Where pipelines are to be installed by open cut in streets on which asphalt or concrete pavement exists, the pavement shall be neatly cut out in a straight line along both edges of the trench. Cutting will be done with a concrete saw or other suitable means acceptable to the Engineer. The paving so cut will be removed, loaded and hauled to a dump approved by the Engineer. Limits of paving removed will be designated by the Engineer.

3. **Method of Measurement and Payment.**

- (a) Removal of all types of roadway paving shall be unclassified and shall be measured and paid for on a square yard basis at the contract bid price for "Pavement Removal". Such payment shall be considered full compensation for furnishing all materials and labor necessary to complete the item of work.
- (b) Removal of pavement for drives will be measured and paid for on a square yard basis at the contract bid price for "Driveway Pavement Removal". Such payment shall be considered full compensation for furnishing all materials and labor necessary to complete the item of work.
- (c) Removal of concrete curb and gutter shall be measured and paid for on a linear foot basis at the contract bid price for "Curb and Gutter Removal". Such payment shall be considered full compensation for furnishing all materials and labor necessary to complete the item of work.
- (d) Removal of concrete sidewalk shall be measured and paid for on a square foot basis at the contract bid price for "Sidewalk Removal". Such payment shall be considered full compensation for furnishing all materials and labor necessary to complete the item of work.
- (e) Saw cutting pavement will not be paid for directly but shall be considered subsidiary to the bid items of the contract, unless otherwise so specified in the bidding documents.

SECTION H—REMOVAL OF EXISTING STRUCTURES

1. **Description.** This work shall consist of that described in Section 203 of the 2017 State Specifications.
2. **Construction Methods** used shall be in conformance with Section 203.02.

3. **Method of Measurement and Payment.**

- (a) Removing existing concrete box culverts, dams, retaining walls, storm sewer inlets and catch basins, etc. shall be measured and paid for on a per each basis for each item removed at the contract bid price as specified in the Proposal, which payment shall be considered full compensation for providing all labor and materials necessary to complete the work.
- (b) Removal of existing storm sewer shall be measured and paid for on a linear foot basis for the type and size indicated in the proposal and on the plans.

SECTION I—CULVERT PIPE

- 1. **Description.** This work shall consist of that described in Section 1037 of the 2017 State Specifications.

- 2. **Materials** used in the construction shall conform to minimum material requirements shown as follows:

- (a) Reinforced Concrete Pipe shall conform to the requirements of AASHTO M170, M206 C 76 76 ASTM Designation or the latest revision thereof, for Class III Reinforced Concrete storm sewer and culvert pipe.

The various classes of pipe designated shall meet the following requirements:

- (1) Class III Reinforced Concrete Pipe – D Load 0.01 in crack 1,350 lbs.
Class III Reinforced Concrete Pipe – D Load Ultimate 2,000 lbs.
- (2) Concrete Proportions – as designated in Section 5.2.1 concrete (ASTM 76 76) with not less than six U.S. standard bags of cement per cubic yard.
- (3) Concrete Strength – 4,000 psi
- (4) Pipe Acceptance – as specified in Section 3.1.1 (ASTM 76 76) three edge bearing test. In addition, the reinforced concrete pipe manufactured under this specification will be required to meet absorption requirements of concrete as indicated in ASTM Specification C 76.
- (5) High-performance polypropylene (PP) storm sewer pipe storm sewer pipe shall be ADS HP Storm Dual Wall Pipe or approved equivalent.

- 3. **Construction Methods.** All transporting, delivering, placing, excavating, backfilling, and connecting of storm sewer shall conform to the requirements of Section 720 except that backfill material for the lowest 90 degrees shall be sand, placed and compacted to the required density under the direction of the Engineer. Bedding will be required for all reinforced concrete pipe and corrugated metal pipe installed on this project.

4. Method of Measurement and Payment.

- (a) Excavation backfilling and compaction of trenches for storm sewers shall not be measured and paid for directly but shall be considered subsidiary to the bid items of the contract.
- (b) Pipe for storm sewer shall be measured and paid for on the linear foot basis of the contract bid price for the pipe sizes indicated in the plans and specifications as provided in Sections 718, 719, and 720.
- (c) Pipe for sanitary sewer shall be measured and paid for on the linear foot basis at the contract bid price for “V.C.P. Sanitary Sewer” for the pipe size indicated in the plans and specifications. Said payment shall be considered full compensation for excavation, disconnecting house services from the existing sewer main, installing the sanitary sewer, wyes and house sewer service lines, plugging service lines at the point of disconnection, backfilling and compacting the trench, performing all incidental work and providing all equipment, labor and materials necessary to complete the item of work.

SECTION J—CATCH BASINS, MANHOLES, INLETS AND JUNCTION BOXES

- 1. **Description.** This work shall consist of that described in Sections 916 Catch Basins, Manholes, Inlets and Junction Boxes and 917 Reconstruction of Manholes and Adjusting Manholes to Grade.
- 2. **Materials.** All materials furnished shall conform to Section 916.02 except steel and gray iron castings shall be the types specified on the plans.
- 3. **Construction Methods.** Construction will be in accordance with Sections 916.03.
- 4. **Method of Measurement and Payment.**

- (a) Excavation backfill and compaction will not be measured and paid for directly but shall be considered subsidiary to the bid items of the contract.
- (b) Manholes and Inlets shall be measured and paid for at the contract bid price per each for the types specified and said payment shall be considered full compensation for furnishing all labor, equipment and materials, including steps and covers, cast iron sanitary sewer, adapter and incidental work necessary to complete the item of work.
- (c) Manholes requiring an adjustment of 24 inches or greater to bring said structure to grade shall be measured and paid for at the contract bid price per each for 24 Inch Risers, which payment shall be considered full compensation for furnishing all labor, equipment and

materials (including fabrication, steps and covers) necessary to complete the item of work.

- (d) The work of Adjusting Manholes and Reconstruction of Manholes from 0 to 24 inches shall be measured and paid for at the contract bid price per each for “Adjusting Sewer Manholes to Grade”, which payment will constitute cost of all materials, equipment and labor necessary to complete the item of work.

SECTION K— SANITARY SEWER - NOT USED

SECTION L— WATER MAINS – SEE SECTION 4 OF TECHNICAL SPECIFICATIONS

SECTION M—TOPSOIL, SEEDING, MULCHING, FERTILIZING WATERING & EROSION CONTROL

1. Curb Inlet Sediment Filter

The Contractor shall select curb inlet filters from the Nebraska Department of Transportation Approved Products List. The Contractor shall install the sediment filters as per the manufacturer’s installation guidelines at all curb inlets until stabilization has been achieved as per the SWPPP. This shall be full compensation for all materials and work necessary to place, install, maintain and remove the curb inlet sediment filters. This work will be measured by “Each” and will be paid for by the bid item “Inlet Protection.”

2. Temporary Erosion Control

This work shall include installation of silt fence or temporary silt checks around inlets and at the stormwater outlets in accordance with the approved Storm Water Prevention Plan developed by the Contractor and the City. Temporary silt checks shall be on NDOT approved products list for Type “Synthetic” or “Wattle”. Temporary erosion control shall be installed according to manufacturer’s specifications. The installation of the temporary erosion shall be full compensation for all the labor, equipment, material, excavation, backfill, stakes, maintenance, disposal, and all other incidental items required for this item shall be paid for by “Linear Foot” for the bid item “Linear Erosion Protection”.

3. Erosion control mat

Erosion control blanket shall be installed as noted in the plans or as directed by the Engineer. The straw erosion control blanket shall be S75 as manufactured by North American Green, or equivalent. The straw erosion control blanket shall be a machine-produced mat with a one hundred (100) percent agricultural straw matrix. The blanket shall be of consistent thickness with the straw evenly distributed over the entire area of the blanket. The blanket shall be covered on the top with polypropylene netting having an approximate 0.63 inch by 0.63-inch mesh. Breakdown of the netting within approximately twelve (12) months, depending on geographic location and elevation. The blanket shall be sewn together on 1.50-inch

centers with degradable thread. Installation staple patterns shall be clearly marked on the erosion control blanket with environmentally safe paint. The blanket shall be manufactured with a colored line or thread stitched along both outer edges (approximately two to five inches from the edge) to ensure proper material overlapping.

The erosion control blanket shall have the following properties: density of 0.50 lb./yd.²; the netting, topside 1.5 lb./1000 ft.², and the thread shall also be degradable.

Installation as per manufactures printed literature.

SECTION N--POLYUREA PAVEMENT MARKING, GROOVED(D-11-0308)-NOT USED

SECTION O--FLY ASH (CLASS C) SOIL STABILIZATION – NOT USED

Storm Water Pollution Prevention Plan (SWPPP)



Lochland Meadows 17th
Public Infrastructure
Sanitary Sewer Project SW-363
Water Main Project WA-137
Street Improvement District SID2023-xx

[Keywords]

[Publish Date]

REVISIONS MADE: 03/19/2025

STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

Lochland Meadows 17th
Public Infrastructure

[Keywords]

REVISIONS MADE: 03/19/2025

City of Hastings, Nebraska
Engineering Department
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REVISIONS MADE: 03/19/2025

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1. Site Evaluation, Assessment, and Planning

1.1 Introductory Statement

The purpose of this Storm Water Pollution Prevention Plan (SWPPP) is to demonstrate compliance with the requirements of the National Pollutant Discharge Elimination System (NPDES) General Construction Storm Water Permit for Construction Activities. The General Permit requires the preparation and implementation of such a plan to prevent, to the maximum extent practicable, the release of pollutants in storm water runoff from the construction site to waters of the state of Nebraska.

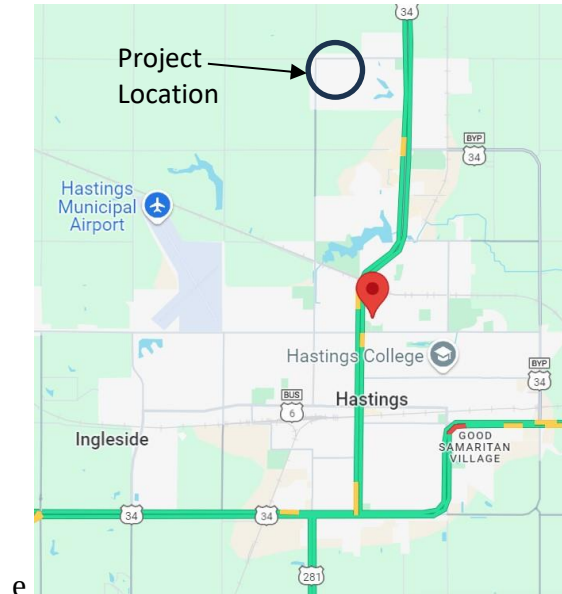
The Nebraska Department of Environment & Energy (NDEE) defines “waters of the state” to include:

- Streams, lakes and ponds
- Impounding reservoirs
- Marshes and wetlands
- Watercourses, waterways, wells and springs
- Irrigation and drainage systems
- All other bodies or accumulations of water, surface and underground, natural or artificial, public or private, situated wholly or partially within or bordering upon the state

This SWPPP provides information concerning the City of Hastings construction project, named on the SWPPP, that has disturbances equal to or greater than one acre. Administrative requirements and potential storm water and non-storm water pollutant sources have been identified. Best Management Practices (BMP’s) to prevent the discharge of non-storm water materials in storm water runoff have also been described.

This SWPPP is a manual that contains all the information that could be identified prior to the construction project being let to contract and the selection of a Contractor. A copy of each item must be incorporated into the SWPPP through an amendment. Documents can be stored electronically, please document the location of any amendments if they are not included in the SWPPP.

1.2 Site Location Map



1.3 Site Description

Location	
Project Title:	Lochland Meadows 17th
Project Number:	Public Infrastructure
Control Number:	[Keywords]
Proximal City:	Hastings, Nebraska
County:	Adams
Highway Numbers and mile posts: US Highway 34	
Total Project Miles: N/A	

1.4 Proposed Construction

Function of Project: Sanitary Sewer, Water Main, Grading/Paving
The North half of the Southeast quarter of section 24, Township8 North, Range 10 West of the Sixth P.M., Adams County, Nebraska.

What type of construction activity is being performed?
☐ 3R ☐ 3R w/ Shoulder Widening ☒ New or Reconstruction
☒ Full Grading ☒ New Alignment ☐ Maintenance
Estimated Total Area to be disturbed: 8 Acres
Estimated Project Start Date: 11/2024
Estimated Project Completion Date: 02/2026 (Includes 2 yr Stabilization Period, past contract end)

1.5 Topography



1.6 Soil Types, Receiving Water and Water Quality

Predominate Soil Types

Peoria Loess

Receiving Water(s)



The following water bodies are located within ½ mile of the project:

- Lochland Meadows Lake, Homeowners Assoc. INC.
- Tributary to the Upper Big Blue River

MS4 City☒ YES☐ NO**Impaired Streams**

Currently, the Nebraska Department of Environmental Quality has not determined the beneficial uses to be impaired for any waterbody located within the project corridor.

TMDLs

Currently, there are no approved TMDLs for any waterbody located within the project corridor.

1.7 Hazardous Waste

Description of Possible Hazardous Wastes:

1.8 Historic and Cultural Resources

Are there any historic sites on or near the construction site?
☐ YES ☒ NO
If yes, was clearance given?
-- / -- / ----.

1.9 Threatened and Endangered Species

The project is deemed to have “No Effect” to state or federally listed species or their designated critical habitat.

1.10 Allowable Non-Storm Water Discharges

The following discharges are authorized by the general permit; however, efforts should be taken to minimize the potential that these discharges become a source of pollution:

- Fire hydrant flushing
 - Minimize scour by directing flows to either a paved or vegetated area, provide scour protection where appropriate
- Water used to wash vehicles where detergents are not used
 - Minimize onsite vehicle washing, when necessary, direct flow to sediment basin or equivalent control to minimize off-site discharges
- Water used to control dust
 - Minimize application rates to limit run-off from the application area
- Potable water including uncontaminated water line flushings.
 - Minimize scour by directing flows to either a paved or vegetated area, provide de-chlorination or alternate discharge options for hyper-chlorinated water used for disinfection
- Routine external building wash down that does not use detergents
 - Minimize building washing, when necessary, direct flows to vegetated areas and away from storm drains and waterbodies
- Pavement wash water where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been recovered) and where detergents are not used
 - Minimize pavement washing, when necessary, direct flows to vegetated areas and away from storm drains and waterbodies
- Uncontaminated air conditioning or compressor condensate
 - Condensate sources are assumed to be minimal, avoid contamination and redirect flows if contamination is occurring through contact with materials or wastes
- Uncontaminated groundwater or spring water
 - Assure downstream controls can function with the continual flow and volume of water, assure that flows are not coming into contact with materials or wastes and becoming a source of pollution
- Foundation or footing drains where flows are not contaminated with process materials such as solvent
 - Assure that flows from foundation or footing drains are not coming into contact with materials or wastes and becoming a source of pollution
- Landscape irrigation
 - Calibrate application rates to infiltration rates to minimize run-off

1.11 Non-storm Water Discharges

Pollutants from various sources have the potential to enter the storm water system during the construction process. A description of these potential pollutants is provided below. The Contractor is responsible for submitting to NDOT a plan detailing how they will control Non-storm Water Discharges throughout the project's construction.

2. Temporary BMPs (a lot of Temporary BMPs are also Permanent BMPs)

2.1 Cover Crop Seeding

BMP Description: Cover Crop Seeding	
Function:	Rapid establishing annual vegetation to prevent erosion from sheet flow and rain drop impacts.
Maintenance and Inspection:	-Can be used on any soil that will be exposed for more than 14 days, or until permanent seeding can be established. -Look for bare spots, washouts, and healthy growth
Duration of Use:	☒ Temporary ☐ Permanent

2.2 Temporary Seeding

BMP Description: Temporary Seeding	
Function:	Fast establishing annual vegetation to prevent erosion from sheet flow and rain drop impacts. Only utilized for 2-3 growing seasons.
Maintenance and Inspection:	-Look for bare spots, washouts, and healthy growth
Duration of Use:	☒ Temporary ☐ Permanent

2.3 Temporary Mulch

BMP Description: Temporary Mulch	
Function:	Prairie Hay or Straw. Temporarily Stabilize Soil in an area that will be modified again soon. Uses a light application of mulch that is crimped into the soil to provide stabilization.
Maintenance and Inspection:	-Look for bare spots, washouts, and proper securing with crimping or stabilizer
Duration of Use:	☒ Temporary ☒ Permanent

2.4 Rolled Erosion Control Products

BMP Description: Rolled Erosion Control Products	
Function:	Typically used on steep slopes (3:1 or steeper) where the erosion hazard is high, and vegetation growth is likely to be too slow to provide adequate stabilization.
Maintenance and Inspection:	Maintenance categories: -Adequate overlap between adjacent RECPs -Stapling installed according to specification -Ground underneath RECPs should be prepared well and seeded before the RECP is applied
Duration of Use:	☒ Temporary ☒ Permanent

2.5 Hydraulically Applied Mulch Products

BMP Description: Hydraulically Applied Mulch Products	
Function:	Hydro mulching is the application of wood fiber mulch in water based slurry. It is always used in conjunction with seeding to protect the soil surface from erosion, slow the velocity of overland flow, and facilitate the germination and growth of vegetation.
Maintenance and Inspection:	-Ensure that hydraulic mulch has been applied from two directions to ensure adequate soil particle coverage. -Ensure that hydraulic mulch has been applied at the specified rate of 3000 lbs/ acre
Duration of Use:	☒ Temporary ☒ Permanent

2.6 Curb Inlet Protection

BMP Description: Curb Inlet Protection Devices	
Function:	These BMPs are used as a last line of defense to keep sediment from entering inlets. Usage of these devices is contingent upon ensuring that the ponded sediment will not create a safety hazard. Approved Products List: (www.nebraskatransportation.org/mat-n-tests/aplist.htm) The BMP's should be placed as to allow runoff from extreme events to pass to avoid flooding.
Maintenance and Inspection:	-Check to be sure that the device is not clogged with sediment and is flowing water freely. Sometimes the BMP has to be offset from the inlet to accommodate flows from extreme events and avoid flooding. -Cleaning should occur when 50% storage capacity is met. -Ponded water around the inlet should not be allowed to reach a depth that would impede traffic flows.
Duration of Use:	☒ Temporary ☐ Permanent

2.7 Area Inlet Protection

BMP Description: Area Inlet Protection Devices	
Function:	These BMPs are used as a last line of defense to keep sediment from entering inlets. Usage of these devices is contingent upon ensuring that the ponded sediment will not create a safety hazard. Approved Products List: (www.nebraskatransportation.org/mat-n-tests/aplist.htm)
Maintenance and Inspection:	-Check to be sure that the device is not clogged with sediment and is flowing water freely -Cleaning should occur when 50% storage capacity is met. -Ponded water around the inlet should not be allowed to reach a depth that would impede traffic flows. -This BMP should be removed after stabilization has been achieved.
Duration of Use:	☒ Temporary ☒ Permanent

2.8 Erosion Checks

BMP Description: Erosion Checks	
Function:	Site soils placed perpendicular to the flow in ditches to slow the velocity of water and induce sediment deposition. Spacing will be determined by the Contractor or NDOT District Project Manager. They are typically constructed with Temporary Silt Traps.
Maintenance and Inspection:	-Inspect to see that earth checks are adequately compacted -Are the ends of the checks extending up onto the fore slope and backslope so that water will not wash around the end of the check?
Duration of Use:	☒ Temporary ☒ Permanent

2.9 Silt Fence

BMP Description: Silt Fence "Low or High Porosity"	
Function:	Geotextile product used on areas where soil will be disturbed, and sheet flow is expected. Silt fence is used to create small containment areas that detain stormwater on the construction site. Sediment settles out of stormwater runoff and is deposited behind the silt fence, allowing cleaner water to discharge. High Porosity Silt Fence can be used across a concentrated flow as a velocity control. Low Porosity Silt Fence should not be used across a concentrated flow, only in sheet flow scenarios.
Maintenance and Inspection:	Maintenance is needed when: -Silt fence has sedimentation at or above 1/2 capacity. -Silt fence has fallen and needs to be reattached to support posts -Silt fence has torn and is allowing water to flow through unfiltered.
Duration of Use:	☒ Temporary ☒ Permanent

2.10 Existing Vegetative Buffer

BMP Description: Existing Vegetative Buffers	
Function:	Must be preserved outside the Limits of Construction (L.O.C.) for windbreak protection, run-off control, and sediment trapping. Vegetative buffers reduce the possibility of off-site sediment discharges.
Maintenance and Inspection:	-Make sure that buffer areas remain in place through construction, until permanent controls are in place.
Duration of Use:	☒ Temporary ☒ Permanent

2.11 Soil Roughening

BMP Description: Soil Roughening	
Function:	Used to reduce the speed of runoff, increase infiltration, reduce erosion, trap sediment, and prepare the soil for seeding by capturing moisture necessary for the seed germination.
Maintenance and Inspection:	-Should be at least 3-6 inches into the soil. -Should be a minimum of 8-12 feet wide. -For long slopes, space roughened areas approximately 25 feet apart.
Duration of Use:	☒ Temporary ☐ Permanent

2.12 Slope Tracking

BMP Description: Slope Tracking	
Function:	Refers to roughening the soil surface with horizontal grooves using construction equipment to track the surface.
Maintenance and Inspection:	-Track slopes up and down the hill to improve resistance to erosive overland flow.
Duration of Use:	☒ Temporary ☐ Permanent

2.13 Berms and Diversions

BMP Description: Berms and Diversions	
Function:	This is a temporary ridge made of mulch, compost, or soil that slows, diverts, and sometimes filters runoff. This structural BMP diverts stormwater from an open area or slope and can be used as an effective perimeter control.
Maintenance and Inspection:	-Look for breaches and repair as needed. -Berms should not be used in high traffic areas where they can be damaged by vehicles. -Runoff should be directed down slopes in a non-erosive manner and protect outlets to prevent washouts.
Duration of Use:	☒ Temporary ☒ Permanent

2.14 Temporary Slope Drains

BMP Description: Temporary Slope Drains	
Function:	This is a flexible conduit for stormwater that extends the length of a disturbed slope to divert stormwater, prevent erosion, and serve as a temporary outlet.
Maintenance and Inspection:	-Adequate inlet and outlet protection must be installed to prevent scouring from erosive flows. -Inlets and outlets may need to be cleaned out periodically
Duration of Use:	☒ Temporary ☐ Permanent

2.15 Wattles/Compost Logs

BMP Description: Wattles/Compost Logs	
Function:	Wattles installed along the contour control erosion by breaking up stormwater flows on long slopes.
Maintenance and Inspection:	-Do wattles conform to smooth surface along the contour at a uniform elevation? Ensure contact with the ground and that the ground is free of large clods to prevent rilling under the wattle. -Wattles can be placed on top of RECPs to help reduce impacts of runoff velocity.
Duration of Use:	☒ Temporary ☒ Permanent

2.16 Topsoil Barriers

BMP Description: Topsoil Barriers	
Function:	To reduce surface runoff from directly running off site.
Maintenance and Inspection:	-Recommended for areas that are 3:1 or greater and at least 30 feet long. -Compact fills to reduce erosion. -Stabilize benches with vegetation after installation.
Duration of Use:	☒ Temporary ☒ Permanent

2.17 Slash Mulch

BMP Description: Slash Mulch	
Function:	The mulch can be used in place of, or in addition to, using a silt fence by piling the mulch into a triangular dike, approximately three feet high and six feet wide at the base.
Maintenance and Inspection:	-Consider maintaining a stockpile of mulch on-site until an erosion control contractor can be mobilized to the site. -Consider using slash mulch in combination with silt fence to reduce the risk of stormwater undercutting the silt fence.
Duration of Use:	☒ Temporary ☒ Permanent

3. Permanent BMPs (a lot of permanent BMPs are also temporary BMPs)

3.1 Permanent Seeding

BMP Description: Permanent Seeding	
Function:	Seeding provides long-term stabilization for the site and the type required is specified in the "E&SC Special Provisions" section of this document. -Seeding "Type B" is specified for locations requiring species that are shorter in stature and more suitable to mowing operations. -Seeding "Type A" is specified for the remainder of the Right-of-Way and consists of native species that are more tolerant of drought conditions.
Maintenance and Inspection:	-During establishment check to see that germination has taken place and that the seedlings are beginning to appear. - Look for bare spots, washouts, and healthy growth
Duration of Use:	☐ Temporary ☒ Permanent

3.2 Sodding

BMP Description: Sodding	
Function:	Immediate establishment of vegetation
Maintenance and Inspection:	Maintenance will include: -Adequate watering -Treatment for pre-emergent weed control
Duration of Use:	☐ Temporary ☒ Permanent

3.3 Mulch

BMP Description: Mulch (See Temporary Mulch)
--

3.4 Rolled Erosion Control Products

BMP Description: Mulch (See Temporary Rolled Erosion Control Products)
--

3.5 Hydraulically Applied Mulch Products

BMP Description: Hydraulically Applied Mulch Products (See Temporary Hydraulically Applied Mulch Products)
--

3.6 Area Inlet Protection

BMP Description: Area Inlet Protection Devices (See Temporary Area Inlet Protection)
--

3.7 Erosion Checks

BMP Description: Erosion Checks (See Temporary Erosion Checks)
--

3.8 Silt Traps

BMP Description: Silt Traps	
Function:	Excavations placed perpendicular to the flow in ditches to slow the velocity of water and induce sediment deposition. Spacing will be determined by the Contractor or NDOT District Project Manager. They are typically constructed with Erosion Checks.
Maintenance and Inspection:	-Silt Traps should be cleaned out after they have reached 50% of capacity
Duration of Use:	☒ Temporary ☐ Permanent

3.9 Silt Fence

BMP Description: Silt Fence "Low Porosity"	
Function:	Geotextile product used on areas where soil will be disturbed, and sheet flow is expected. Silt fence is used to create small containment areas that detain stormwater on the construction site. Sediment settles out of stormwater runoff and is deposited behind the silt fence, allowing cleaner water to discharge.
Maintenance and Inspection:	Maintenance is needed when: -Silt fence has sedimentation at or above 1/2 capacity. -Silt fence has fallen and needs to be reattached to support posts -Silt fence has torn and is allowing water to flow through unfiltered.
Duration of Use:	☒ Temporary ☒ Permanent

3.10 Slope Benching

BMP Description: Slope Benching	
Function:	This is the process of creating level terraces on steep or long slopes to slow runoff velocities and allow infiltration and/or discharge runoff to a stable location.
Maintenance and Inspection:	-Recommended for areas that are 3:1 or greater and at least 30 feet long. -Compact fills to reduce erosion. -Stabilize benches with vegetation after installation.
Duration of Use:	☐ Temporary ☒ Permanent

3.11 Slash Mulch

BMP Description: Slash Mulch (See Temporary Slash Mulch)	
--	--

3.12 Outlet Protection

BMP Description: Outlet Protection	
Function:	-Outlet protection prevents scour and erosion at the outlet of a channel or conduit by reducing the velocity of stormwater. -Outlet protection is generally comprised of geotextile and riprap or Turf Reinforcement Mat.
Maintenance and Inspection:	-Use in conjunction with silt fence or wattles to prevent erosion above the outlet.
Duration of Use:	☐ Temporary ☒ Permanent

4 Good Housekeeping BMPs

4.1 Existing Vegetative Buffers

BMP Description: Existing Vegetative Buffers	
Function:	Must be preserved outside the Limits of Construction (L.O.C.) for windbreak protection, run-off control, and sediment trapping. Vegetative buffers reduce the possibility of off-site sediment discharges.
Maintenance and Inspection:	-Is the buffer being protected and preserved after construction activities have begun? -Supplement buffer areas for waterways and wetlands with construction barrier fence, silt fence and/or wattles. -Educate equipment operators or use signs to warn vehicular traffic to avoid preservation areas. -Keep preservation areas clear of construction materials.
Duration of Use:	☐ Temporary ☒ Permanent

4.2 Material Handling and Waste Management

BMP Description: Waste Management	
Function:	To prevent the loss of building materials due to environmental factors such as high wind or high water.
Maintenance and Inspection:	-Are discarded building materials in a solid bodied container? -Are materials kept or stored above the high-water area?
Duration of Use:	☒ Temporary ☒ Permanent

4.3 Establish Proper Building Material Staging Areas

BMP Description: Building Material Staging Areas	
Function:	Keeping materials in a consolidated area makes the work site cleaner and safer.
Maintenance and Inspection:	-Are materials stored in an organized, safe area? -Are materials stored above the high-water area?
Duration of Use:	☒ Temporary ☐ Permanent

4.4 Designated Concrete Washout Areas

BMP Description: Designate Concrete Washout Areas	
Function:	Washouts are used to contain the concrete slurry remaining from the washing out of concrete trucks on the jobsite. This is done to prevent the slurry from entering groundwater or adjacent waterways.
Maintenance and Inspection:	-Look for a sign that easily labels the location of the washout, and if it is cleaned out when it becomes full. -Washouts should not be in areas that are near adjacent water bodies.
Duration of Use:	☒ Temporary ☐ Permanent

4.5 Establish Proper Equipment/ Vehicle Fueling and Maintenance Practices

BMP Description: Establish Proper Equipment/Fueling and Maintenance Practices	
Function:	To establish proper fueling practices so that fuel spills are minimized and easily contained if they should happen.
Maintenance and Inspection:	-Is the area noted on the TESCP? -Is the fueling area clean and easily accessible?
Duration of Use:	☒ Temporary ☐ Permanent

4.6 Control Equipment/ Vehicle Washing

BMP Description: Control Equipment/Vehicle Washing	
Function:	To keep pollutants washed off of equipment from being spread to numerous areas of the site and to keep wash water from moving into streams
Maintenance and Inspection:	-Vehicle maintenance and washing should be done in consolidated areas so that any spills which might occur during these activities can be easily contained and managed.
Duration of Use:	☒ Temporary ☐ Permanent

4.7 Spill Prevention Control and Countermeasure Plan

BMP Description: Spill Prevention Control and Countermeasure Plan (SPCC Plan)	
Function:	This is an organized and detailed plan for containment should a spill occur. The SPCC plan shall be included in the SWPPP if the facility possesses an SPCC plan.
Maintenance and Inspection:	-Is the plan up to date with the materials that are kept on the jobsite? -Are there adequate materials available to help contain and clean up a spill when it occurs?
Duration of Use:	☒ Temporary ☐ Permanent

4.8 Dust Control

BMP Description: Dust Control	
Function:	Wind erosion on a construction site can cause significant soil loss.
Maintenance and Inspection:	-Is adequate water being applied to the project to keep dust from becoming an issue?
Duration of Use:	☒ Temporary ☐ Permanent

4.9 Stabilized Construction Exits

BMP Description: Stabilized Construction Exits	
Function:	Rock and geotextile fabric are used to create a specified access point for all construction traffic on the construction site. This helps to ensure that the soils and sediments from the construction site will not be tracked offsite.
Maintenance and Inspection:	-Check to see that geotextile fabric was used under the rock at the exit. -Ensure that the exit is adequate size for the equipment used on the project. -Ensure that sediment is not tracked onto adjacent roads and that any tracking is swept up. -Replace and/or add material as needed to maintain the effectiveness of the BMP.
Duration of Use:	☒ Temporary ☐ Permanent

4.10 Allowable Non-Stormwater Discharge Management

BMP Description: Allowable Non-Stormwater Discharge Management	
Function:	Some water discharges are allowed from a project and should be managed appropriately
Maintenance and Inspection:	-Are there water discharges? Refer to Section 1.10
Duration of Use:	☒ Temporary ☐ Permanent

4.11 Stockpiles

BMP Description: Stabilize Stockpiles	
Function:	Stockpiles that are going to be in place for more than 14 days must be stabilized. This can be accomplished with mulch, soil tackifier, silt fence, or other applicable BMPs.
Maintenance and Inspection:	-Do not place stockpiles in drainage ways or near state waters. -The toe of erodible stockpiles must be protected with silt fence or other applicable BMPs.
Duration of Use:	☒ Temporary ☐ Permanent

4.12 Secondary Containment

BMP Description: Secondary Containment	
Function:	All building materials that have the possibility to contaminate stormwater or groundwater must be placed in areas with secondary containment. Secondary containment prevents a spill from spreading across a site.
Maintenance and Inspection:	-Use of soil berm for containment must be large enough to contain the entire container and must reach around all sides of the container. -Spill kits should be readily available and maintained on all sites. -All hazardous materials must be in secondary containment.
Duration of Use:	☒ Temporary ☐ Permanent

4.13 Street Sweeping & Vacuuming

BMP Description: Allowable Non-Stormwater Discharge Management	
Function:	Sediments tracked out of construction sites can cause the accumulation of significant amounts of pollutants which can potentially contribute to stormwater pollutant runoff to surface waters.
Maintenance and Inspection:	-Potential tracking locations should be inspected and swept up daily. -All sweepings should be disposed of properly.
Duration of Use:	☒ Temporary ☐ Permanent

5. Post Construction BMPs

The NDOT Post Construction Stormwater Management Program is currently employing a limited number of existing BMPs. It is, however, developing a more extensive program to handle post construction stormwater treatment and water quality improvements through the use of a broader range of BMPs.

5.1 Vegetated Swales

BMP Description: Vegetated Swales	
Function:	Stabilized swales prevent erosion and sedimentation problems and can help reduce the speed of storm water runoff.
Maintenance and Inspection:	Look to see if established vegetation is keeping soil stabilized. If it is not, then further measures should be taken.
Duration of Use:	☐ Temporary ☒ Permanent

5.2 Detention Basins

BMP Description: Detention Basins	
Function:	Basins are areas that allow storm water to collect and settle out suspended solids before they are moved farther downstream.
Maintenance and Inspection:	
Duration of Use:	☐ Temporary ☒ Permanent

5.3 Vegetated Buffers

BMP Description: Vegetated Buffers	
Function:	Buffers help to prevent erosion on slopes and to provide a location to capture suspended sediments before they enter waterways.
Maintenance and Inspection:	
Duration of Use:	☐ Temporary ☒ Permanent

5.4 Diversion Dikes

BMP Description: Diversion Dikes	
Function:	Help to control storm water runoff velocities and allows storm water to be directed to an area that it can be handled efficiently.
Maintenance and Inspection:	
Duration of Use:	☐ Temporary ☒ Permanent

6. Procedures

6.1 Inspection and Maintenance Procedures

Site inspection and maintenance are important features of an effective Storm Water Pollution Prevention Plan (SWPPP). The City's Project Manager or their designee and the Contractor's Representative will jointly inspect all disturbed areas not finally stabilized. The city does not require, but it is desirable that the SWPPP inspectors be certified through the NDOT Erosion and Sediment Control Basics for Inspectors course. Borrow pits, waste areas, storage and staging areas, camp sites and plant sites that are located on or adjacent to the project and are exposed to precipitation are subject to inspections to determine if the control measures and SWPPP are effective in minimizing and preventing off-site impacts to the maximum extent practicable.

The Construction Storm Water General Permit requires:

"Inspections must be conducted by qualified personnel (provided by the operator or cooperatively by multiple operators). 'Qualified personnel' means a person knowledgeable in the principles and practice of erosion and sediment controls that possesses the skills to implement and assess the effectiveness of any erosion and sediment control measures. The qualified personnel must possess the skills to assess conditions at the construction site that could impact storm water quality and e possess the skills to assess the effectiveness of any storm water controls selected and installed to meet the requirements of the general permit."

The following procedures will be used to inspect construction sites for storm water discharges.

- The NDEE CSW Permit: NER210000 (Part IV, Section A.1) allows the choice between two (2) schedules of construction listed below
 - a. At least once every seven (7) calendar days, excluding business hours.
This SWPPP will use this option. Option b. may be used after active construction on the project.
 - b. Once every 14 calendar days and within 24 hours of the occurrence of a storm event of 0.25 inches or greater, or the occurrence of runoff from snowmelt sufficient to cause a discharge, excluding business hours.
- All BMPs will be maintained in good working order. If a repair is necessary, that repair will be completed within seven (7) days of the report.
- Sediment will be removed from Silt Fences when it has reached one-half of the height of the barrier. Silt Fences are to be inspected for depth of accumulated sediment, tears, attachment to posts, undermining, and stability.
- Sediment will be removed from Erosion Checks when it has reached one-half of the height of the barrier. Erosion Checks will be inspected for depth of accumulated sediment, blow outs, undermining, and stability.
- Cover Crop, Temporary Seeding and Permanent Seeding will be inspected for bare spots, washouts, and healthy growth.
- Inspect rip rap for bare spots and washouts.
- Inspect all egresses from the construction site for sediment track-out.
- Concrete wash-out areas, portable toilets, and any other potential pollutant that is being stored on-site shall be inspected.

6.2 Record Keeping and Training Requirements

A SWPPP Inspection will be completed and signed by the Assistant Engineer for the City of Hastings after each inspection using the appropriate form. Completed inspections should be kept in the SWPPP Book under the tab "Inspection Form" or stored electronically with a reference to the location in the SWPPP book.

All Corrective Actions identified on the SWPPP Inspection Form are to be repaired within seven (7) days of the report. Each item must be signed off and dated on the day it was repaired.

The Temporary Erosion and Sediment Control Plan must be updated because of the inspections with current measures needed to control discharges from the site.

Ensure that all BMPs, being utilized on-site, are being documented on the Temporary Erosion and Sediment Control Plan.

6.3 Training Requirements

Nebraska Department of Transportation's Roadside Stabilization Unit has developed training to assist Project Designers, Project Managers, and Contractors with the development, implementation and inspection of Storm Water Pollution Prevention Plans. NDOT currently provides the course Erosion and Sediment Control Training for Inspectors. Refer to the University of Nebraska Local Transportation Assistance Program for dates and locations of upcoming courses. The UNL LTAP website is <http://www.ne-ltap.unl.edu/>

NDOT also provides an interim certification option. This certification is valid for six months and cannot be renewed. The purpose of this option is to provide an interim certification until an in-person course is available. Information regarding this course can be found at <http://campus.extension.org/enrol/index.php?id=886>

Program updates are offered at NDOT's Project Manager's Conference each June.

Individual training sessions with the Project Managers and Contractors are available upon request for project specific concerns.

6.4 Project Completion

To file the Notice of Termination with NDEQ, final stabilization must be achieved on all non- impervious areas. Coverage under the Construction Stormwater Permit is normally terminated 180 calendar days after:

- All soil disturbing construction activity has been completed;
- A uniform perennial vegetative cover with a minimum density of 70 percent of the native background vegetative cover, has been established on all non- impervious surfaces and areas not covered by permanent structures unless equivalent permanent stabilization (such as riprap, gabions, and geotextiles) measures have been employed;
- All permanent drainages, constructed to drain water from the site, have been stabilized to prevent erosion;
- All temporary erosion protection and sediment control BMPs have been removed without compromising the permanent erosion protection and sediment control BMPs;
- All sediment build-up has been removed from conveyances and basins that are to be used as permanent water quality management BMPs. The cleanout of permanent basins used as temporary BMPs during construction shall be sufficient to return the basin to design capacity;
- Responsibility for long-term maintenance of permanent BMPs must be assigned;
- Construction activity conducted on or through agricultural or silvicultural land shall be considered finally stabilized upon return to the preexisting agriculture or silviculture use;
- Construction activity conducted at new industrial facilities that will operate the site in an exposed manner (such as limestone mining and solid waste landfills) shall be considered finally stabilized upon commencement of industrial activity consistent with the industrial use and coverage under the appropriate NPDES permit for industrial storm water.

7. Specifications and Special Provisions

Refer to the project plans and specifications for additional information. Additional resources available to determine the proper uses for BMPs are as follows:

-[NDOR Drainage Design & Erosion Control Manual](#)

-[Construction Stormwater BMPs Pocket Guide](#)

-Manufacturer's Installation and Maintenance Specifications

8. Permits

8.1 Nebraska Department of Environmental Quality

- Construction Storm Water Notice of Intent (CSW-NOI)
- General NPDES Permit Number NER110000
- Discharge Authorization Number for Construction Storm Water

9. Temporary Erosion and Sediment Control Plan (ESC)

9.1 Temporary Erosion Control Plan Checklist

The following must be obtained from the contractor(s):

- Temporary Erosion Control Plan is prepared with design and bid package of plans and specs and must be in place and approved by the Project Manager prior to construction starting.

The following should be identified and located on the temporary erosion control plans. The temporary erosion control plan must be updated as needed throughout the life of the project:

- | | |
|---|---|
| <ul style="list-style-type: none">● Location of camp and plant site(s) adjacent to the project<ul style="list-style-type: none">○ Type of perimeter control around mixing plants and/or hazardous materials○ Identify hazardous materials including petroleum products● Method of dust control● Location and identification of material stockpiles● Location of borrow and waste sites, including those outside the L.O.C. adjacent to the project● Location of all construction entrances● Location of wash-out facilities | <ul style="list-style-type: none">● Location of equipment fueling● Location of equipment maintenance● Location of equipment storage● Location of portable toilets● Location of Spill Kit● Location and installation date of erosion control measures added to temporary erosion control plan● Location of erosion control measures identified on plan but not installed. Reason for not installing or substitution should be noted.● A copy of the installation details for any BMPs used that are not included in the standard plans. |
|---|---|

9.2 Contractor's Temporary Erosion and Sediment Control Plan

- This plan uses the Temporary Erosion and Sediment Control Plan, and the contractor modifies the plan to fit their scope of work and receive approval by the Project Manager.

10. Final Stabilization Plans

Refer to the Standard Plans and Special Plans listed in the Contract Documents to find the pertinent information for this project. Additional resources available to determine the proper uses for BMPs are as follows:

- [NDOR Drainage Design & Erosion Control Manual](#)

- [Construction Stormwater BMPs Pocket Guide](#)

- Manufacturer's Installation and Maintenance Specification.

11. Good Housekeeping

11.1 Spill Prevention Control and Countermeasure Plan – EPA Guidance

Section 11.1 is not applicable unless the facility possesses an SPCC plan.

NOT APPLICABLE
TO THIS PROJECT

Spill Prevention Control and Countermeasure plans (SPCC plans) should clearly state measures to stop the source of a spill, contain the spill, clean up the spill, dispose of contaminated materials, and train personnel to prevent and control future spills

When developing an SPCC plan, a construction site operator should identify potential spill or source areas, such as loading and unloading, storage, and processing areas; and areas designated for waste disposal. Conduct this evaluation during the project planning phase and reevaluate it during each phase of construction.

Update the SPCC plan regularly to accommodate any changes in the site, procedures, or responsible staff. Conduct regular inspections in areas where spills might occur to ensure that procedures are posted, and cleanup equipment is readily available. The SPCC plan should define material handling procedures and storage requirements and outline actions necessary to reduce spill potential and impacts on stormwater quality.

This can be achieved by:

- Recycling, reclaiming, or reusing process materials, thereby reducing the amount of process materials that are brought into the facility
- Installing leak detection devices, overflow controls, and diversion berms
- Disconnecting any drains from processing areas that lead to the storm sewer
- Performing preventative maintenance on storm tanks, valves, pumps, pipes, and other equipment
- Using material transfer procedures or filling procedures for tanks and other equipment that minimize spills
- Substituting less or non-toxic materials for toxic materials

The SPCC plan should document the locations of spill response equipment and procedures to be used and ensure that procedures are clear and concise. The plan should include step-by-step instructions for the response to spills at a facility. In addition, the spill response plan should:

- Identify individuals responsible for implementing the plan
- Define safety measures to be taken with each kind of waste
- Specify how to notify appropriate authorities such as (Nebraska Department of Environmental Quality and Nebraska State Patrol)
- State procedures for containing, diverting, isolating, and cleaning up the spill
- Describe spill response equipment to be used, including safety and cleanup equipment
- The plan can be a procedural handbook or a poster to be placed in several locations at the site.

Training is necessary to ensure that all workers are knowledgeable enough to follow procedures outlined in the SPCC plan. Make equipment and materials for cleanup readily accessible, and mark them clearly so workers can follow procedures quickly and effectively.

12. Required Amendments, Forms, and Checklists

12.1 Contractor's Spill Prevention Control and Countermeasure Plan (SPCC plan)

1. ~~Contractor's **Spill Prevention Control and Countermeasure Plan (SPCC plan)** which should include the non-source of a spill, contain the spill, clean up the spill, dispose of contaminated materials, and train personnel to prevent and control future spills. Further guidance for the SPCC plan is included in the SWPPP and from the EPA. This paragraph not applicable unless the facility possesses an SPCC plan.~~
2. A copy of the **NPDES CSW-Notice of Intent (NOI)** showing the **NPDES CSW-NOI permit number** for all plant sites, staging areas, borrow and waste areas located off the project.
 - A. Location of camp and plant site(s)
 - a. Perimeter control around mixing plants and/or hazardous materials
 - b. Identification of hazardous materials including petroleum products
 - B. Location and identification of material stockpiles on the ROW
 - C. Location of borrow and waste sites on the ROW
 - D. Location of all construction entrances and method of stabilization
 - E. Location of wash-out facilities
 - F. Location of fuel storage and equipment refueling operations
 - G. Location of equipment maintenance areas
 - H. Location of equipment storage
 - I. Location of portable toilets
 - J. Location and date of installation/removal of temporary erosion and sediment control measures added to or removed from the temporary erosion control plan.
 - K. Location of erosion and sediment control measure identified on plan but not installed. Reason for not installing or reason for substitution should be noted.
3. A copy of the installation details for any BMPs used that are not included in the standard plans.

NOT APPLICABLE
TO THIS PROJECT

Paragraph 2 is only applicable to
off-site areas

12.1 Record of SWPPP Amendments

Date of Amendment	Description of Amendment
03/19/2025	Added revised Erosion Control Plan. Added cover page of NGP Certi

12.2 Non-Sediment Pollutant Spill Incident Log

Spill Date:	Spill Material:
Spill Location:	
g	

Spill Date:	Spill Material:
Spill Location:	
Method of Spill Control:	

Spill Date:	Spill Material:
Spill Location:	
Method of Spill Control:	

Spill Date:	Spill Material:
Spill Location:	
Method of Spill Control:	

Spill Date:	Spill Material:
Spill Location:	
Method of Spill Control:	

12.3 Construction Stormwater Oversight Inspection Form

Project Site:	Date:	Type of Inspection:	
Project Owner:	Time:	☐ Weekly Routine ☐ Bi-Weekly Routine ☐ Storm Related ☐ Return Compliance ☐ Random ☐ Complaint Inspection	
Prime Contractor:	Weather:	Construction Stage:	
Primary Contact:	Phone:	☐ Initial Grading ☐ Utilities and Infrastructure ☐ Paving ☐ Buildings, Structures and Final Site Stabilization ☐ Other _____	
Email:			
NPDES Permit #:	Photos: Y N	Inspector Signature & Date:	
NOI Permit No.:	Is the project over an Acre? ☐ Yes ☐ No	Inspection Type: ☐ Biweekly ☐ After significant rainfall (>0.5")	

Storm Water Pollution Prevention Plans	Yes	No	NA	Notes:
Plans located on-site or at approved designated area				
Site controls listed in SWPPP in place				
SWPPP updated to reflect site and control changes				
Project schedule is being followed				
Site Inspection documentation available and current				

Erosion Control	Effective			Sediment Control	Effective		
	Yes	No	NA		Yes	No	NA
Temporary Seeding				Silt Fence			
Permanent Seeding				Compost Filter Berm			
Mulching				Compost Sock			
Sodding				Wattle			
Vegetative Filter Strips				Sediment Basin			
Compost Blankets				Sediment Trap			
Rolled Erosion Control Products (RECPs)				Stabilized Construction Entrance			
Turf Reinforcement Mats				Inlet Protection			
Surface Roughening				Flocculants			
Grass Channel				Geotextile			
Dust Control				Triangular Site Dike			
Flow Transition Mat				Other BMPs			
Diversion Structure				Concrete Washout			
Outlet Protection				Portable Toilet: On site & anchored			
Temporary Slope Drain							

Objective keep any sediment on site	Yes	No	NA	Note any problems identified and actions taken
Are soil stock piles in appropriate locations and covered, mulched, or vegetated?				
Are all discharge points free of any noticeable pollutants? (tiles, storm sewer outlets, etc.)				
Controls at all downslope perimeters?				
Are areas stabilized within 14 days?				
Are all sediments, mud, and debris being kept from public roads? Ensure adequate provisions to prevent mud tracking off site.				
Is any on-site traffic properly routed, with parking and storage restricted to designated areas?				

Objective non-storm water concerns	Yes	No	NA	Note any problems identified and actions taken
Dust control measures implemented where appropriate				
Concrete washout contained with locations clearly marked and maintained.				
Is construction debris contained and kept from blowing away?				
Are materials, supplies, chemicals, portable toilets, fuel tanks, paints, solvents, and trash in approved areas and protected from erosion or spills?				
Are clean-out, storage, and maintenance areas for material handling equipment clean and free of spills and leaks.				

Objective in summary	Yes	No	NA	Note any problems identified and actions taken
Are erosion and sediment control devices in place and functioning according to the storm water pollution prevention plan?				
Have all temporary control structures that are no longer needed been removed?				
Is the site adequately stabilized at this time?				
Has offsite run-on water been properly addressed?				

Inspection Comments & Site Observations:

13. Appendices/Forms

13.1 Nebraska Game and Parks Environmental Review Report



Environmental Review Report Project Information

Report Generation Date:	10/31/2024 09:43:29 AM
Project Title:	Lochland Meadows 17th Subdivision
User Project Number(s):	SW-380
System Project ID:	NE-CERT-013450
Project Type:	Development (ex: construction, housing, land development, CSW/ISW Permits, etc.; Does NOT include Mining), New construction within existing municipality - previously undisturbed habitat
Project Activities:	None Selected
Project Size:	38.48 acres
County(s):	Adams
Watershed(s):	Big Blue
Watershed(s) HUC 8:	West Fork Big Blue
Watershed(s) HUC 12:	Headwaters West Fork
Big Blue River Biologically Unique Landscape(s):	Rainwater Basin
Township/Range and/or Section(s):	T08R10
WS24 Latitude/Longitude:	40.6467
	13 / -98.387678

Contact Information

Organization:	Hastings, City of
Contact Name:	Steve Riehle
Contact Phone:	4024623676
Contact Email:	sriehle@cityofhastings.org
Contact Address:	1228 N Denver Ave
Hastings NE 68901 Prepared By:	
Submitted On Behalf Of:	

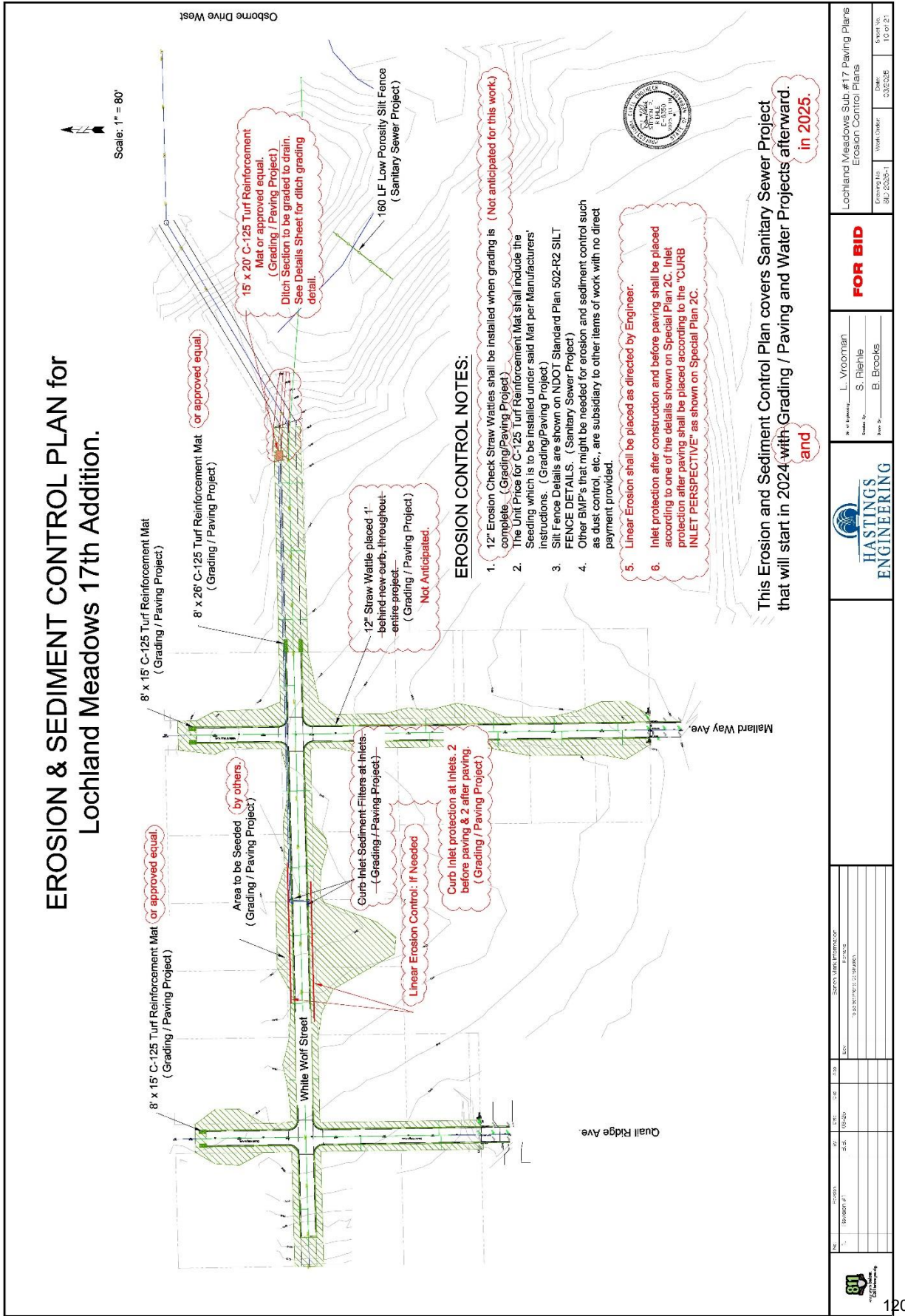
Project Description

Construction Storm Water permit from NDEE for Grading, sanitary sewer, public water, and paving for Lochland Meadows 7th Subdivision

Entire Environmental Review Report from the Nebraska Game & Parks is located at 1228 N. Denver Ave. in the Engineering Dept.



13.2 Erosion and Sediment Control Plan (ESC)

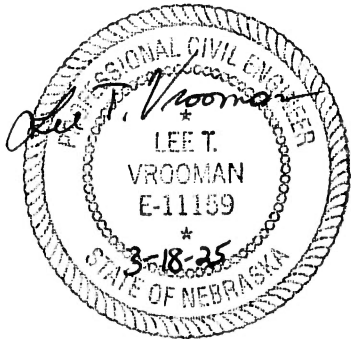
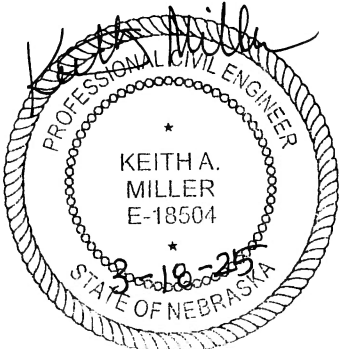
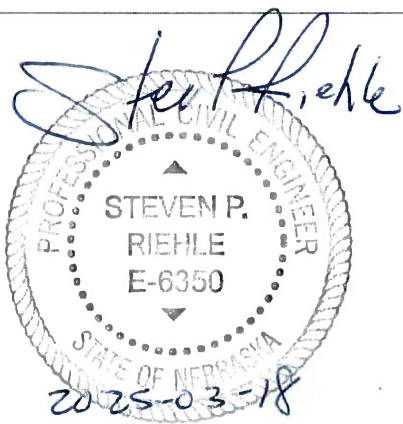


SEALS AND SIGNATURES

Owner: City of Hastings

Project Name :LOCHLAND MEADOWS 17TH SUB-DIVISION WATER AND PAVING PROJECT

Contract: HU 2025-46

	The seal and signature to the left applies to: • Coordinating Professional
	The seal and signature to the left applies to the following specification divisions: • Section 4
	The seal and signature to the left applies to the following specification divisions: • Section 5 • Section 6

Back Signature Page

General Legend

2-G

GS

Gas Main

4-W

WS

Water Main

8-S

SS

Sanitary Sewer Main

T

ts

Underground Telephone Cable

E

es

Underground Electrical Cable

Overhead Electrical Cable

Overhead Electrical Service

Underground Cable TV

TVS

Underground Cable TV Service

Existing Storm Sewer

Existing Reducer

New Reducer

Existing Valve

New Valve

Stop Box

Existing Fire Hydrant

New Fire Hydrant

Meter Pit

Existing Manhole

New Manhole

Utility Pole

Property Pin

Poured Thrust Block

Gas Meter

Telephone Pedestal

Tracer Wire Riser



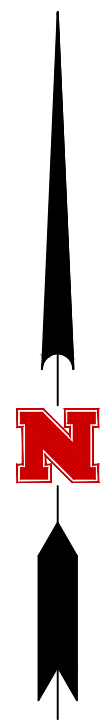
Hastings Utilities

2025

Water Extension District

2025-1

WA-136



Deciduous Trees

Trunk Dia.

Evergreen Trees

under 12"

12" to 24"

above 24"

under 12"

12" to 24"

above 24"

Sheet Index

CW1.1 to CW1.6	Water Main Improvements Plan and Profile Sheets
CW2.1	Water Main Improvements Civil Fitting Details
CW3.1 to CW3.2	Water Main Improvements Civil Standard Plan Details

General Notes

1

The Contractor will be responsible for notifying the City Street Department Office at 461-2341 and the Communications Center at 461-2364 for all temporary street closings prior to construction.

2

The Contractor will be responsible for calling "Diggers Hotline" for locations of all underground facilities.

3

Concrete blocking is to be formed and placed with all bolts exposed. All fittings are to be covered with kraft paper or equivalent before placing concrete.

4

The Contractor will be responsible for replacement of gravel on driveways or streets in this area.

5

Service locations are approximations only and will be located in the field prior to any construction.

6

All barricades and barricading shall comply with the latest edition of Part VI of the manual on "Uniform Traffic Control Devices."

7

All compact fitting weights will be measured by AWWA C110 and C152 for base weights.

Water Extension District 2025-1 to Serve Lochland Meadows 17th Addition.
WR-137

Lee Vrooman 3/12/25
City Engineer

I, Keith A. Miller, am the Coordinating Professional on the WATER EXTENSION DISTRICT 2025-1 WA-136

PROFESSIONAL CIVIL ENGINEER

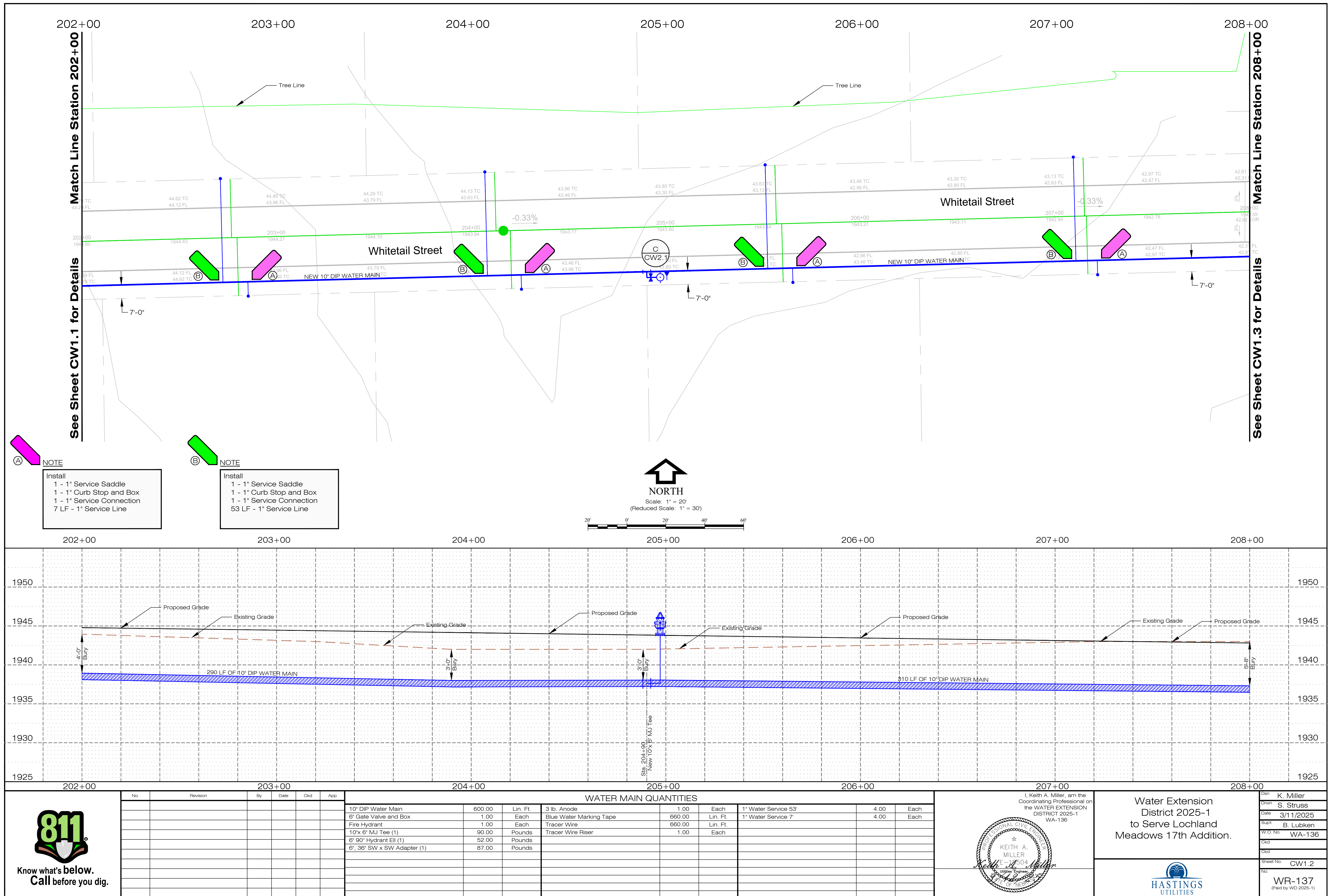
KEITH A. MILLER

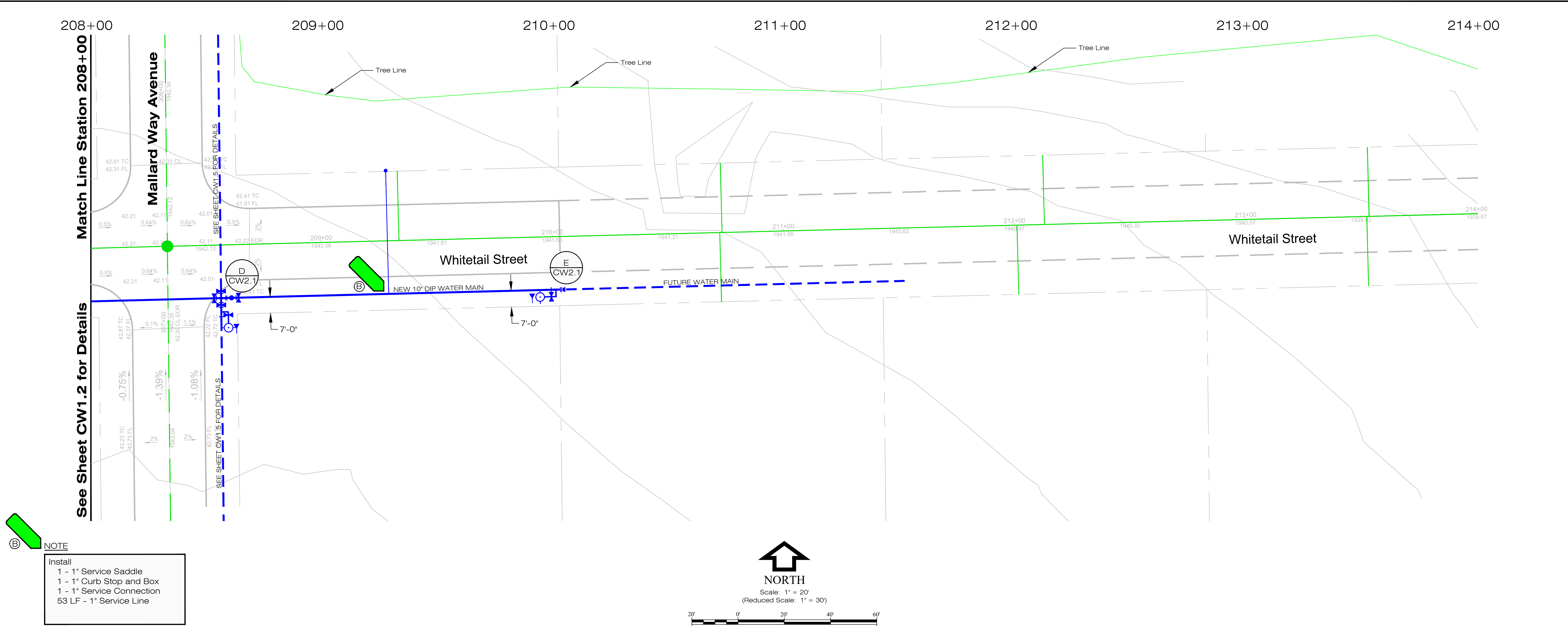
E-1504

Utilities Engineer

STATE OF NEBRASKA

Water Extension District 2025-1 to Serve Lochland Meadows 17th Addition.	Desn	K. Miller
	Drawn	S. Struss
	Date	3/11/2025
	Supt.	B. Lubken
	W.O. No.	WA-136
	Ckd	
	Ckd	
	Sheet No.	Cover
		No. WR-137 (Paid by WD 2025-1)

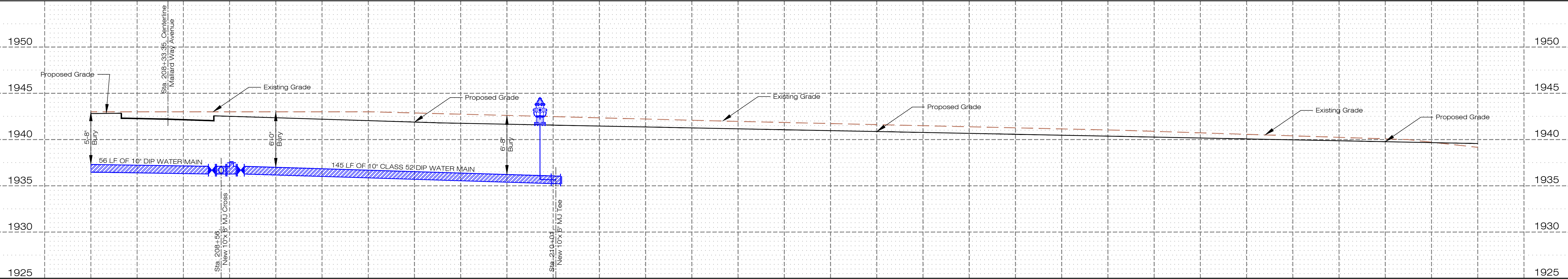
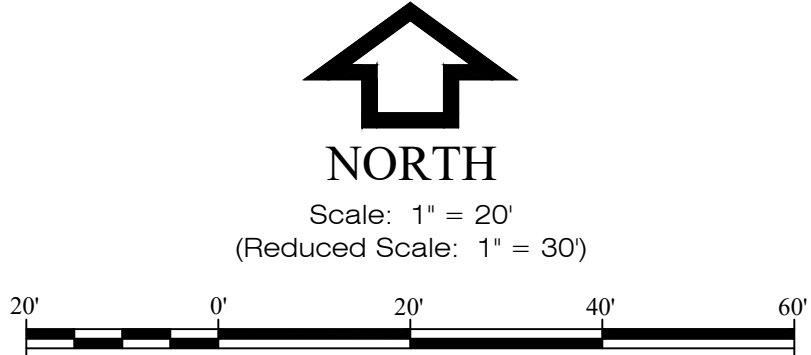


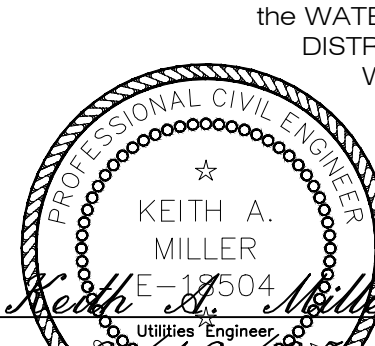


NOTE

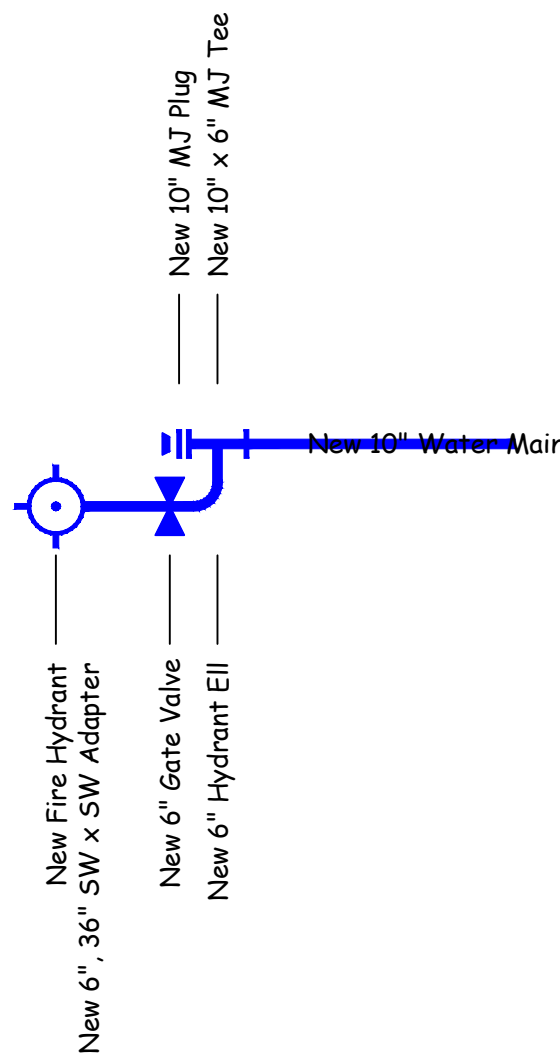
Install

- 1 - 1" Service Saddle
- 1 - 1" Curb Stop and Box
- 1 - 1" Service Connection
- 53 LF - 1" Service Line



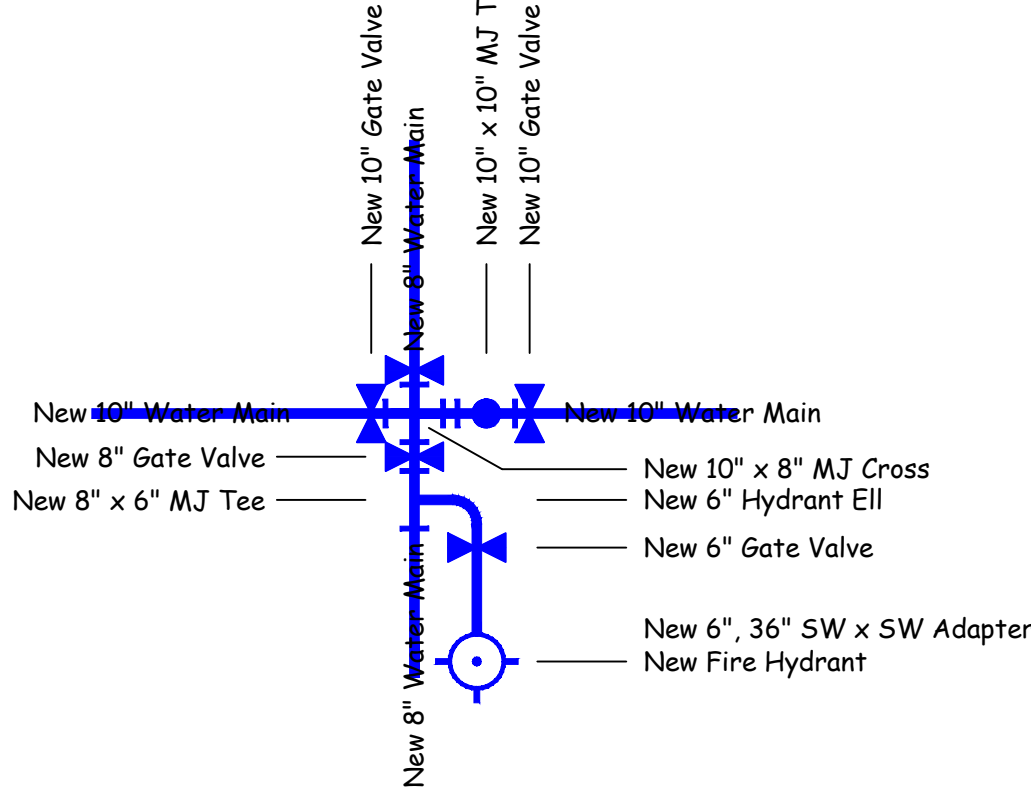
208+00		209+00					210+00			211+00			212+00			213+00			214+00									
 Know what's below. Call before you dig.	No.	Revision	By	Date	Ckd	App	WATER MAIN QUANTITIES										I, Keith A. Miller, am the Coordinating Professional on the WATER EXTENSION DISTRICT 2025-1 WA-136  Water Extension District 2025-1 to Serve Lochland Meadows 17th Addition.  Dist. K. Miller Drawn S. Struss Date 3/11/2025 Sup't B. Lubken W.O. No. WA-136 Ckd Ckd Sheet No. CW1.3 No. WR-137 (Paid by WD 2025-1)			10" DIP Water Main	201.00	Lin. Ft.	10" Foster Adaptor	3.00	Each	1" Water Service 53'	1.00	Each
	10" Gate Valve and Box	2.00	Each	8" Foster Adaptor	3.00	Each																						
	8" Gate Valve and Box	2.00	Each	10" MEGA Lug	1.00	Each																						
	6" Gate Valve and Box	2.00	Each																									
	Fire Hydrant	2.00	Each																									
	10"x 10" MJ Cross (1)	145.00	Pounds																									
	10"x 10" MJ Tee (1)	120.00																										
	10"x 6" MJ Tee (1)	90.00	Pounds	3 lb. Anode	2.00	Each																						
	8"x 6" MJ Tee (1)	72.00	Pounds	Blue Water Marking Tape	221.00	Lin. Ft.																						
	6" 90° Hydrant Ell (2)	104.00	Pounds	Tracer Wire	221.00	Lin. Ft.																						
6", 36" SW x SW Adapter (2)	174.00	Pounds	Tracer Wire Riser	2.00	Each																							
10" MJ Plug (2)	72.00	Pounds	Thrust Block	1.00	Each																							

- Sta. 197+35, 23' Rt., Install
1 - 10"x 6" MJ Tee
1 - 6" Gate Valve and Box
1 - Fire Hydrant
1 - 6", 36" SWx SW Adapter
1 - 6" 90° Hydrant Ell
1 - 10" MJ Plug
1 - 10" MEGA Lug
1 - Tracer Wire Riser
1 - Thrust Block



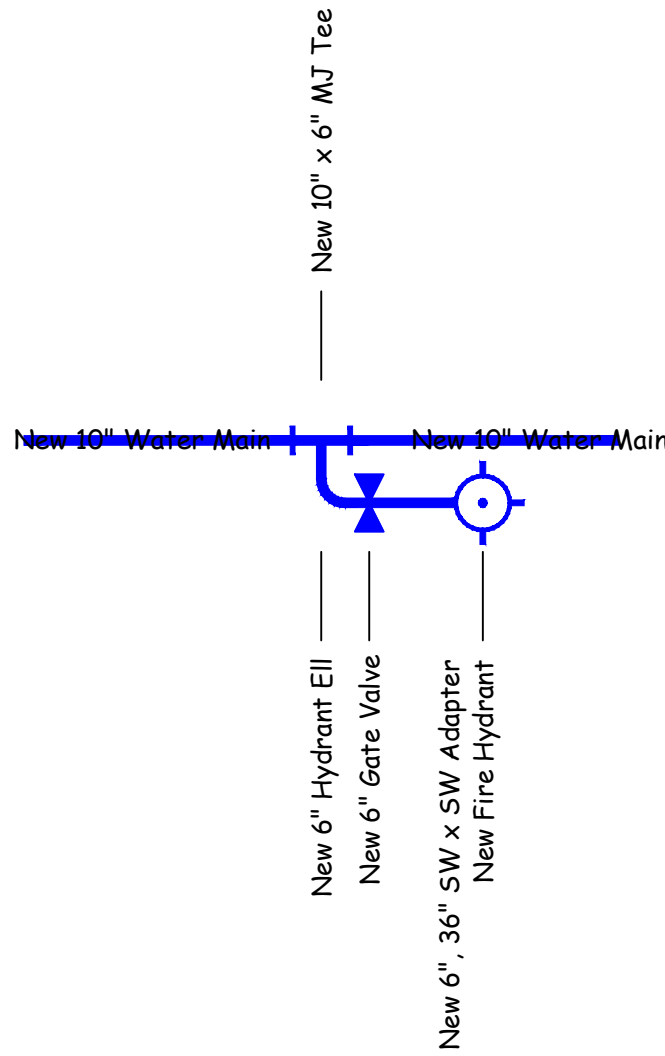
Detail "A"
No Scale

- Sta. 200+23, 23' Rt., Install
1 - 10"x 10" MJ Cross
1 - 10"x 10" MJ Tee
1 - 8" x 6" MJ Tee
2 - 10" Gate Valve and Box
2 - 8" Gate Valve and Box
1 - 6" Gate Valve and Box
1 - Fire Hydrant
1 - 6", 36" SWx SW Adapter
1 - 6" 90° Hydrant Ell
1 - 10" MJ Plug
3 - 10" Foster Adaptor
3 - 8" Foster Adaptor
1 - Tracer Wire Riser
Eq. Sta. 200+23, 23' Rt. BK=
Eq. Sta. 103+40, 23' Rt. AH



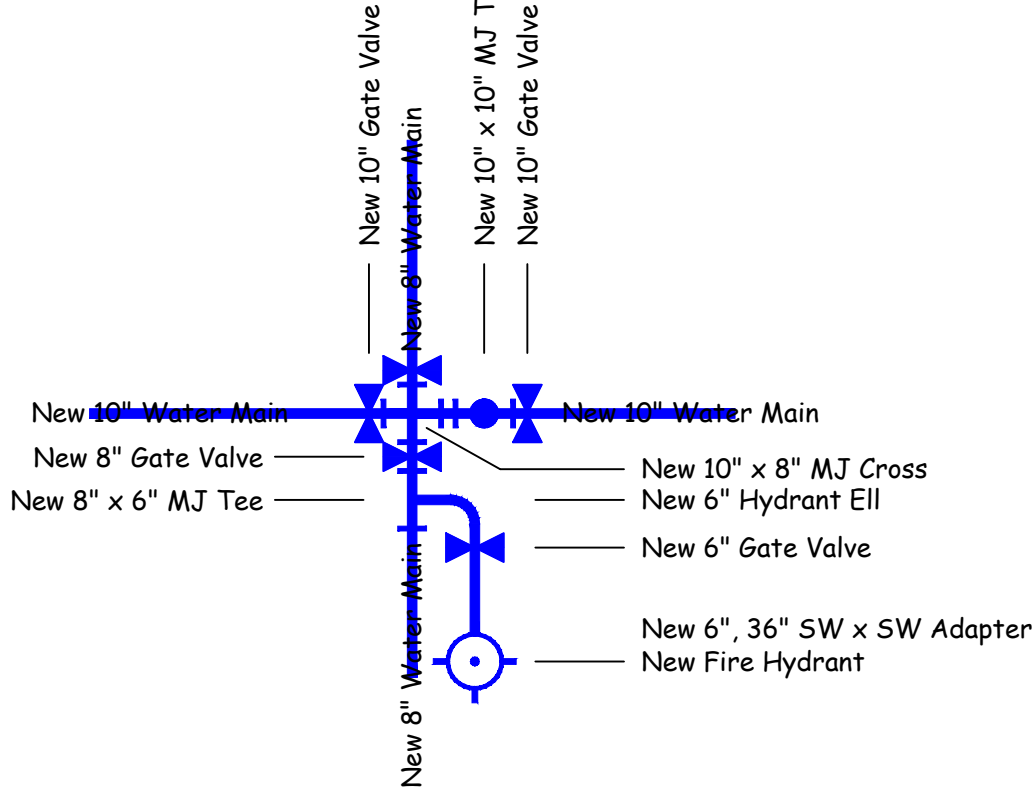
Detail "B"
No Scale

- Sta. 204+90, 23' Rt., Install
1 - 10"x 6" MJ Tee
1 - 6" Gate Valve and Box
1 - Fire Hydrant
1 - 6", 36" SWx SW Adapter
1 - 6" 90° Hydrant Ell
1 - Tracer Wire Riser



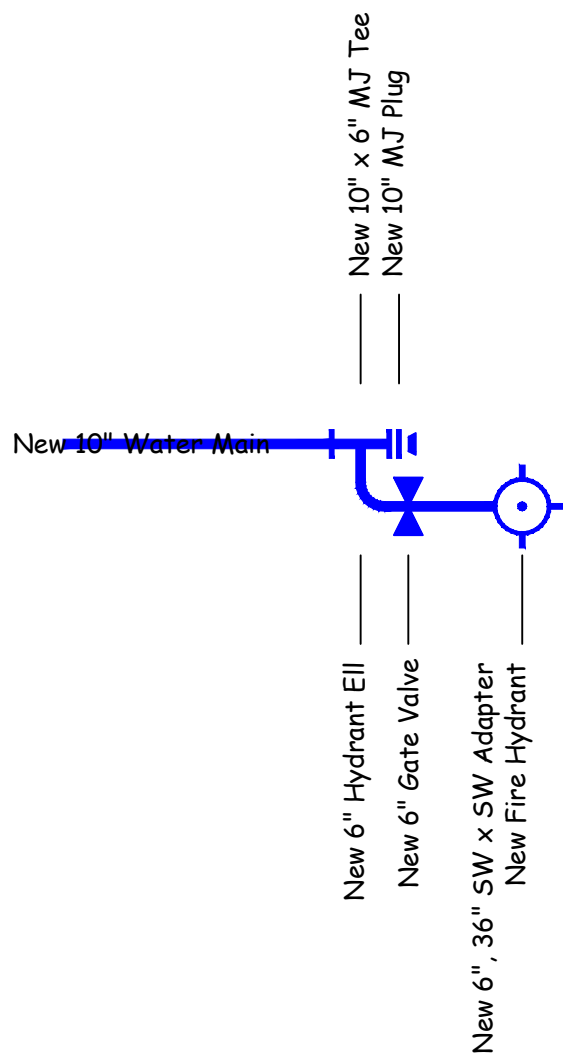
Detail "C"
No Scale

- Sta. 208+56, 23' Rt., Install
1 - 10"x 10" MJ Cross
1 - 10"x 10" MJ Tee
1 - 8" x 6" MJ Tee
2 - 10" Gate Valve and Box
2 - 8" Gate Valve and Box
1 - 6" Gate Valve and Box
1 - Fire Hydrant
1 - 6", 36" SWx SW Adapter
1 - 6" 90° Hydrant Ell
1 - 10" MJ Plug
3 - 10" Foster Adaptor
3 - 8" Foster Adaptor
1 - Tracer Wire Riser
Eq. Sta. 208+56, 23' Rt. BK=
Eq. Sta. 307+11, 23' Rt. AH



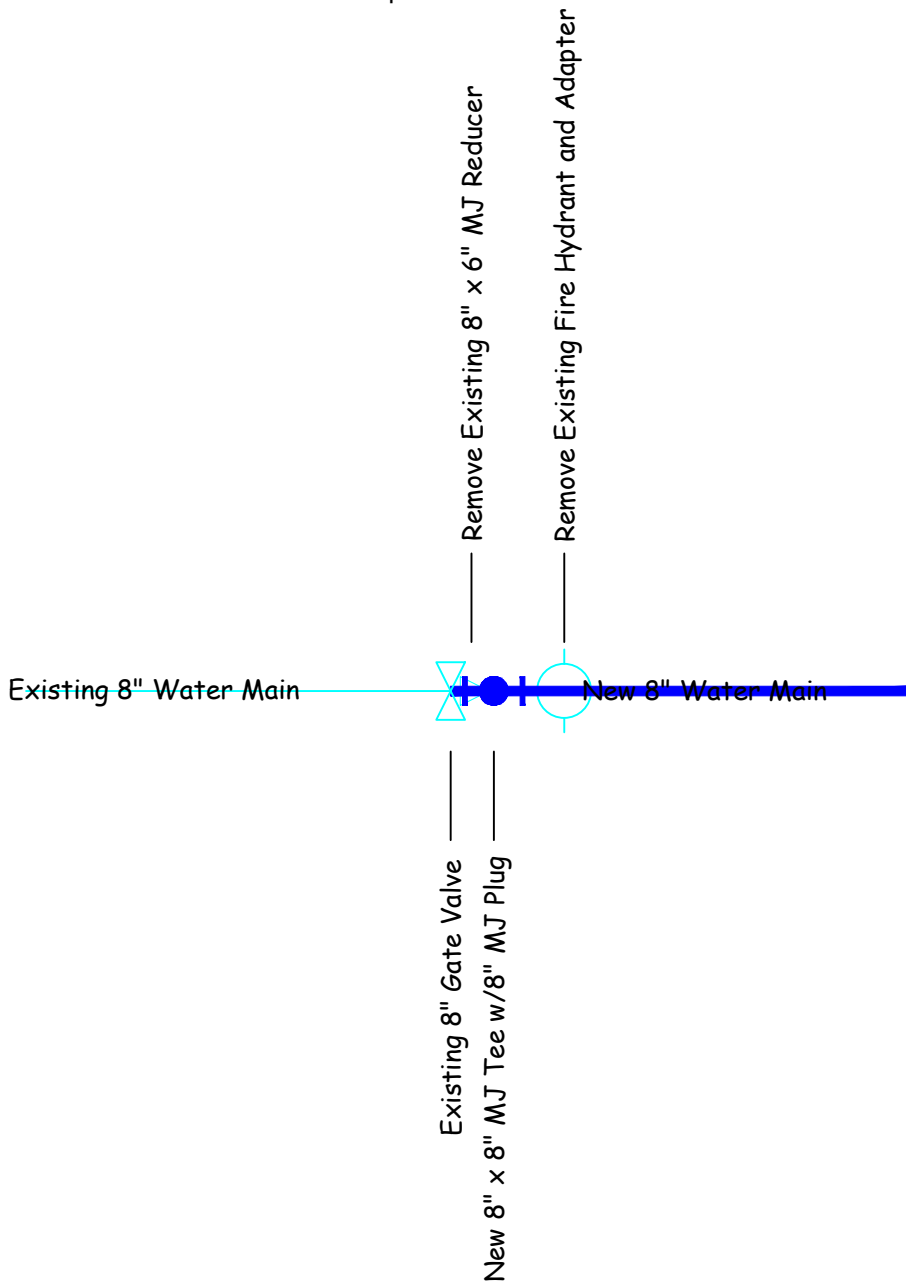
Detail "D"
No Scale

- Sta. 210+01, 23' Rt., Install
1 - 10"x 6" MJ Tee
1 - 6" Gate Valve and Box
1 - Fire Hydrant
1 - 6", 36" SWx SW Adapter
1 - 6" 90° Hydrant Ell
1 - 10" MJ Plug
1 - 10" MEGA Lug
1 - Tracer Wire Riser
1 - Thrust Block



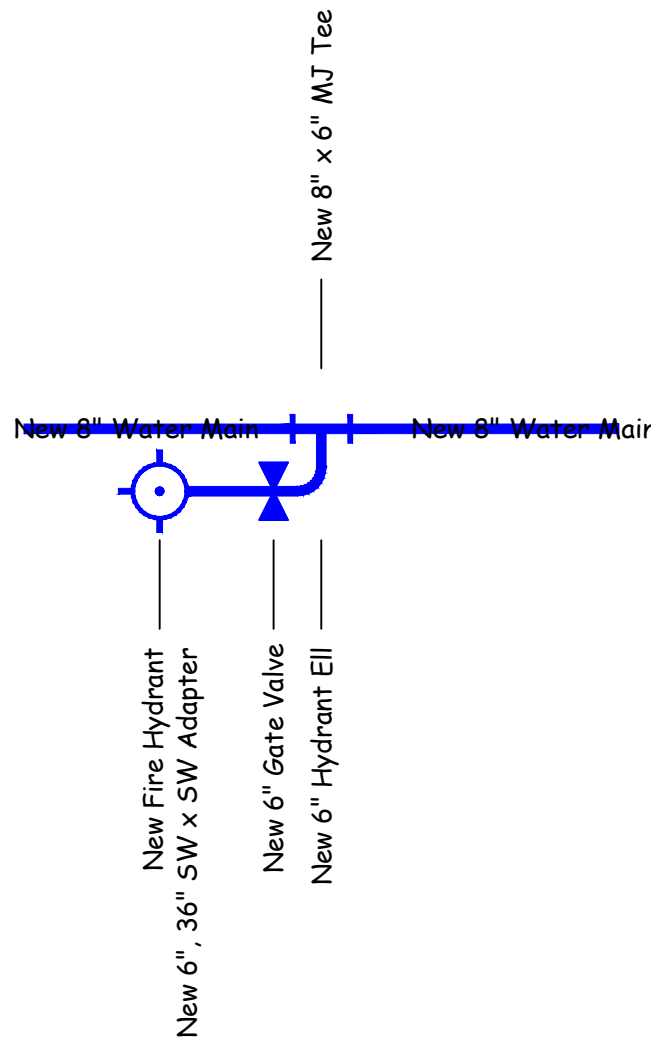
Detail "E"
No Scale

- Sta. 300+02, 23' Rt., Remove
1 - Fire Hydrant and Adapter
1 - 8"x 6" MJ Reducer
Sta. 300+02, 23' Rt., Install
1 - 8"x 8" MJ Tee
1 - 8" MJ Plug
1 - 8" Foster Adaptor



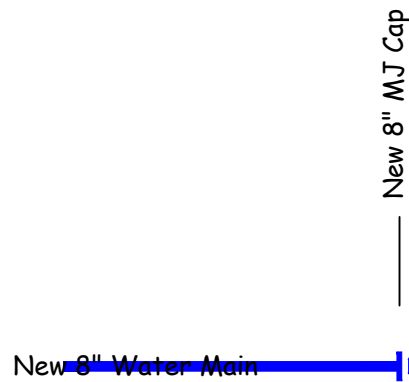
Detail "F"
No Scale

- Sta. 302+64, 23' Rt., Install
1 - 8"x 6" MJ Tee
1 - 6" Gate Valve and Box
1 - Fire Hydrant
1 - 6", 36" SWx SW Adapter
1 - 6" 90° Hydrant Ell
1 - Tracer Wire Riser



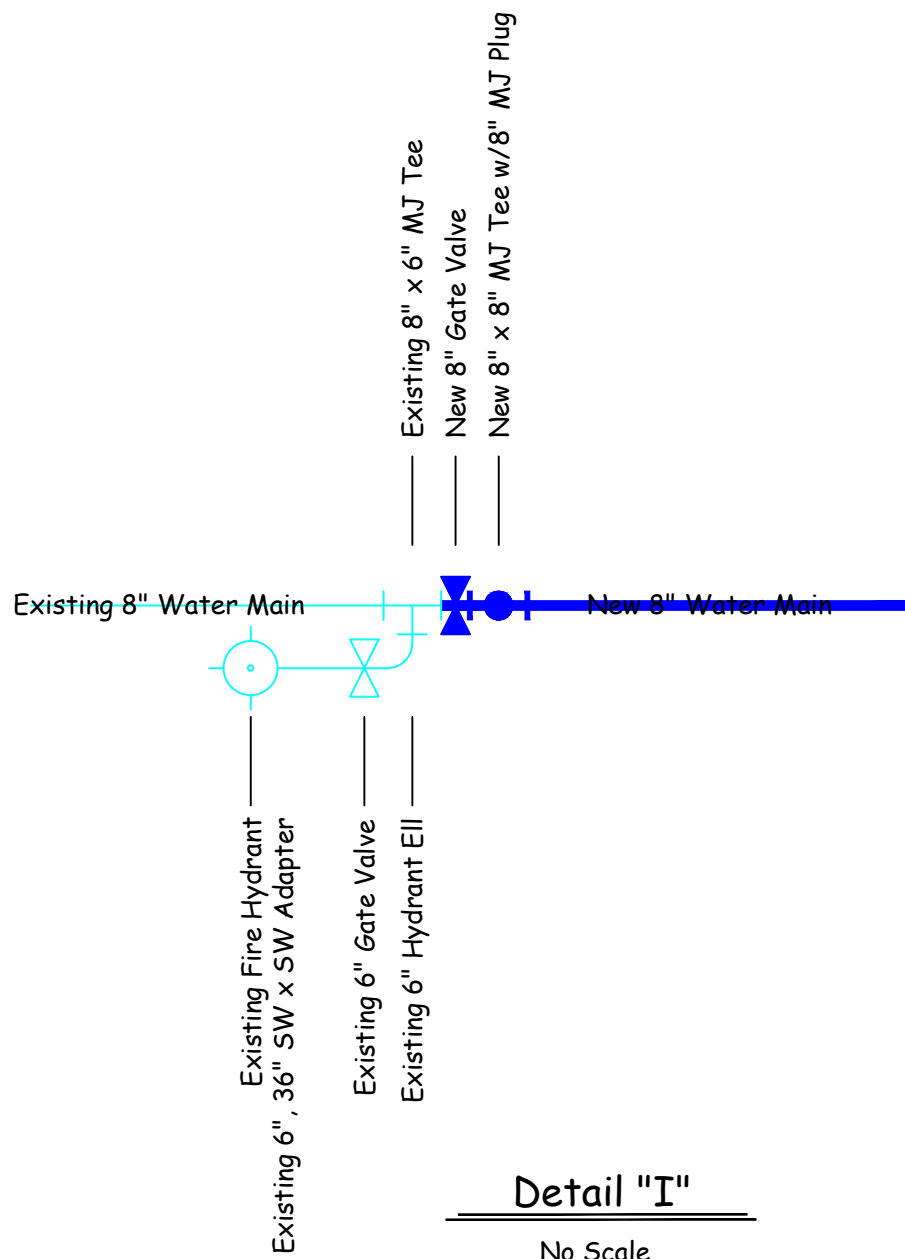
Detail "G"
No Scale

- Sta. 310+04, 23' Rt., Install
1 - 8" MJ Cap
1 - Thrust Block



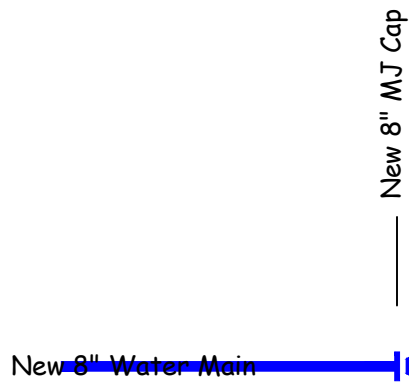
Detail "H"
No Scale

- Sta. 100+02, 23' Rt., Remove
1 - 8" MJ Plug
Sta. 100+02, 23' Rt., Install
1 - 8"x 8" MJ Tee
1 - 8" Gate Valve and Box
1 - 8" MJ Plug
2 - 8" Foster Adaptor



Detail "I"
No Scale

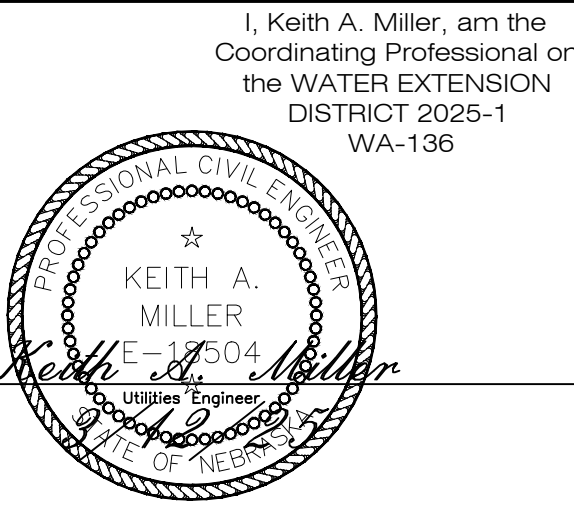
- Sta. 106+00, 23' Rt., Install
1 - 8" MJ Cap
1 - Thrust Block



Detail "J"
No Scale



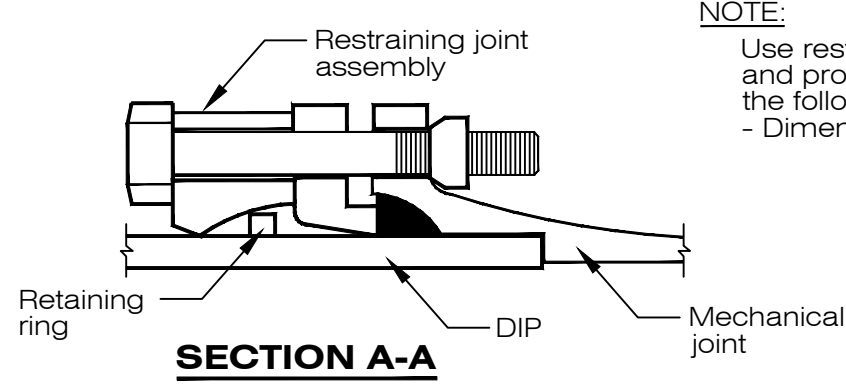
No.	Revision	By	Date	Ckd	App



Water Extension
District 2025-1
to Serve Lochland
Meadows 17th Addition.
Fittings Details

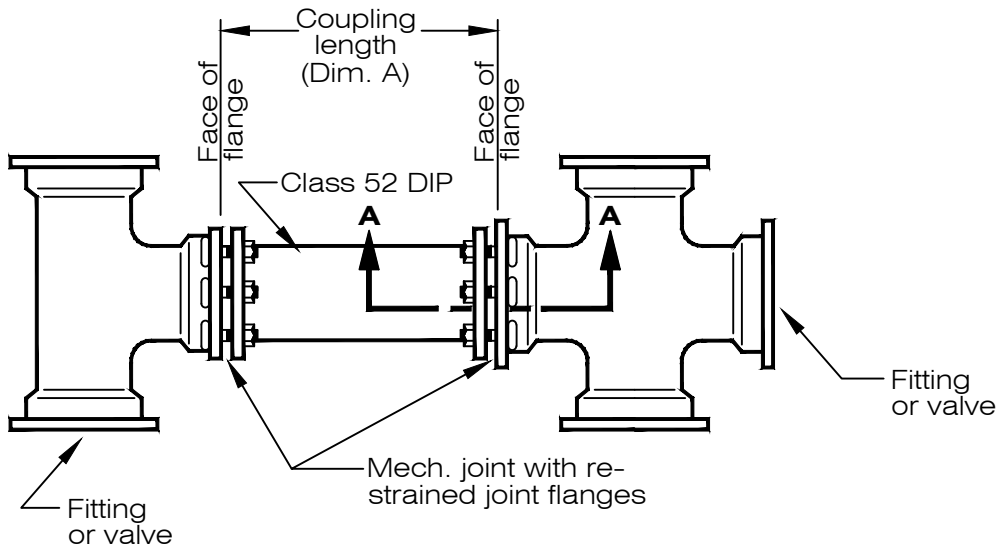


Desn	K. Miller
Drwn	S. Struss
Date	3/11/2025
Supr	B. Lubken
W.O. No.	WA-136
Ckd	
Ckd	
Sheet No.	CW2.1
No.	WR-137 (Paid by WD 2025-1)



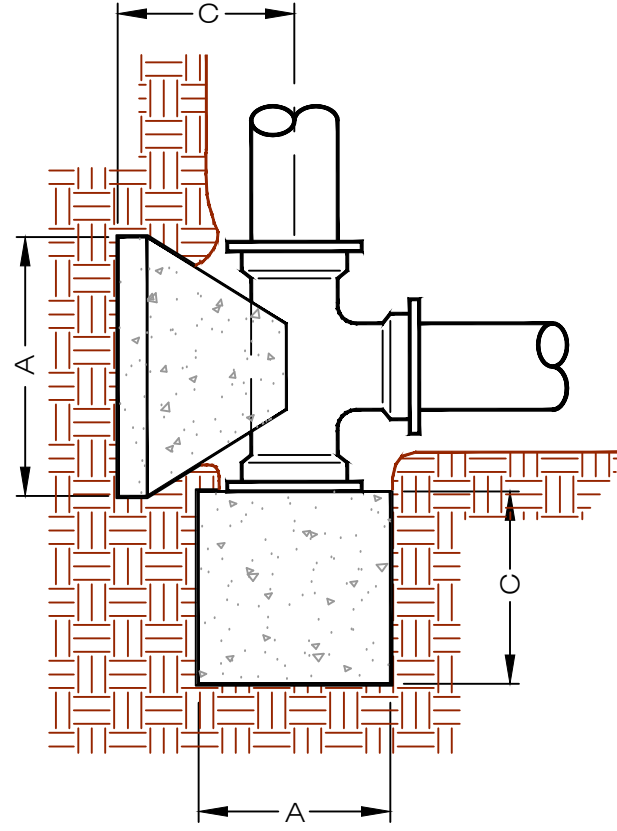
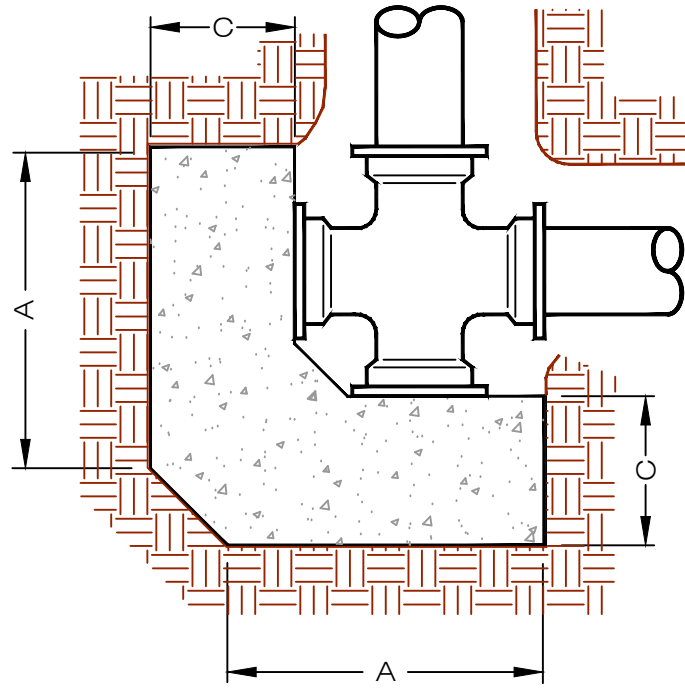
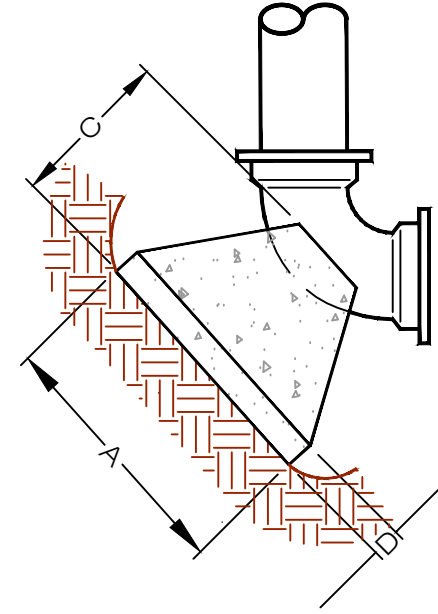
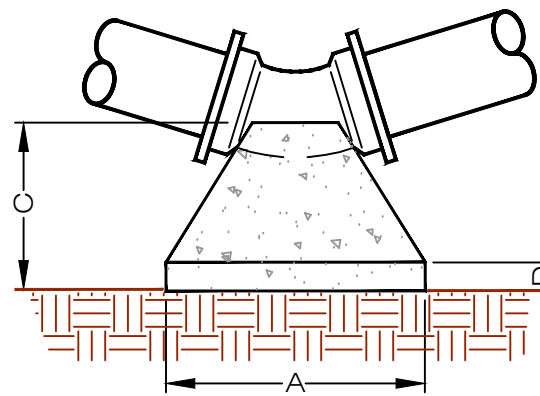
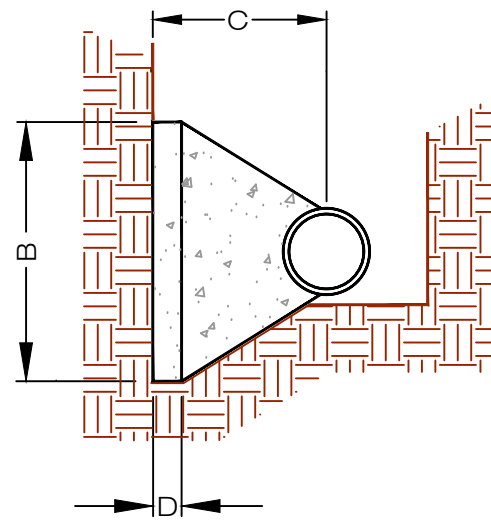
NOTE:
Use restrained joint couplings when noted on drawings and provide length as noted. If length is not noted, use the following minimum standard coupling length - Dimension A

PIPE DIA.	MIN. DIM. A
16" (406mm)	2'-6" (.76m)
24" (609mm)	3'-0" (.91m)
30" (762mm)	3'-0" (.91m)
36" (914mm)	3'-6" (1.10m)
42" (1066mm)	3'-6" (1.10m)
48" (1219mm)	4'-0" (1.20m)



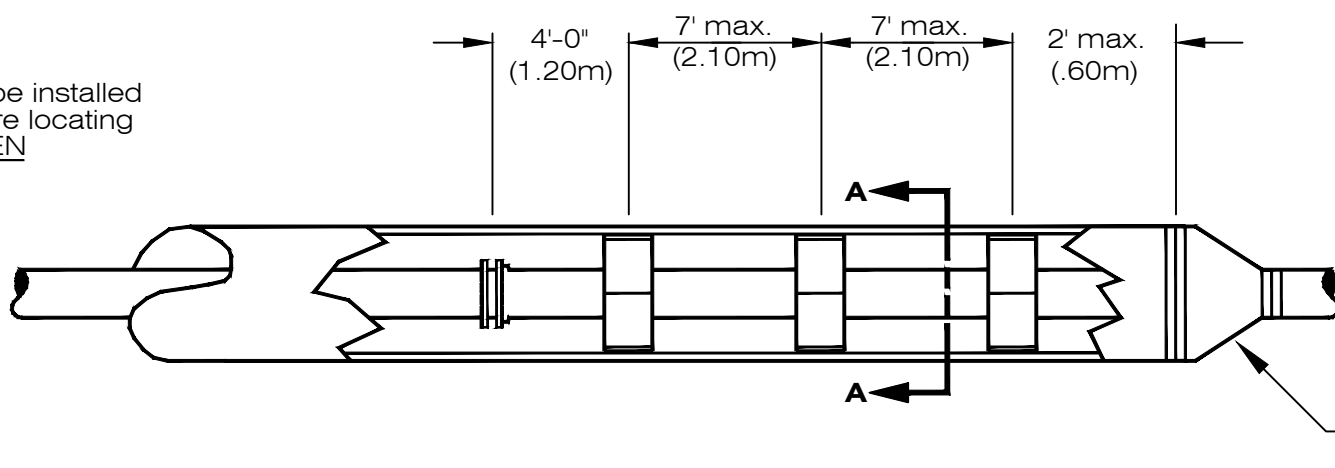
NOTE:
Alternate restraining joint assembly may be used with prior approval by the Engineer or as specified by the contract documents

RESTRAINED JOINT COUPLING DETAIL



CONCRETE THRUST BLOCK DETAILS

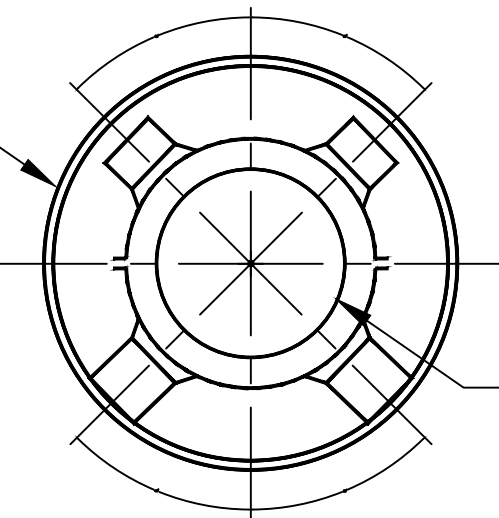
NOTE:
Tracer wire is to be installed through tracer wire locating station UNBROKEN



NOTE:
One chock shall be placed not more than 2'-0" (.6m) from each end of the casing. Subsequent chocks were placed at intervals shown within the casing pipe.

Steel casing as specified, wall as specified, exterior surface to be coated

PSI Model C862 or Equal

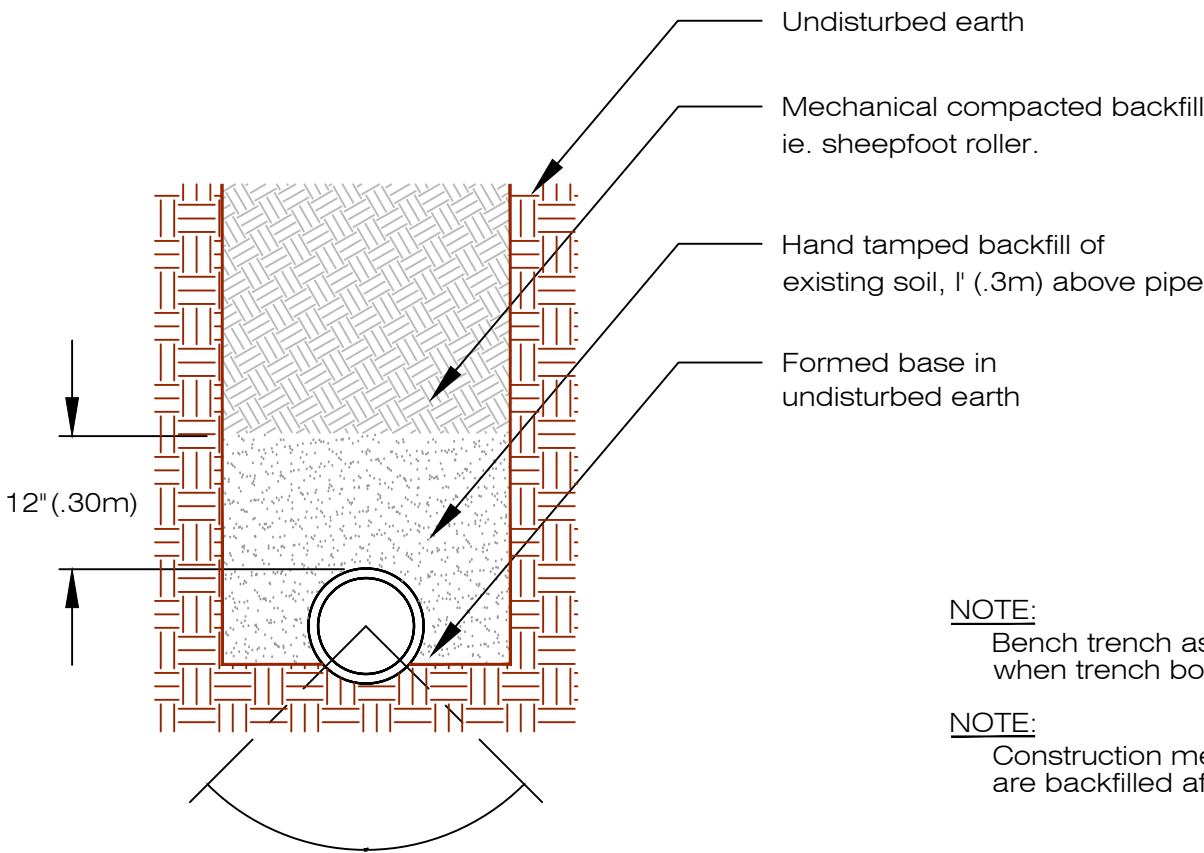


SECTION "A-A"

STEEL CASING DETAIL

THRUST BLOCK DIMENSIONS

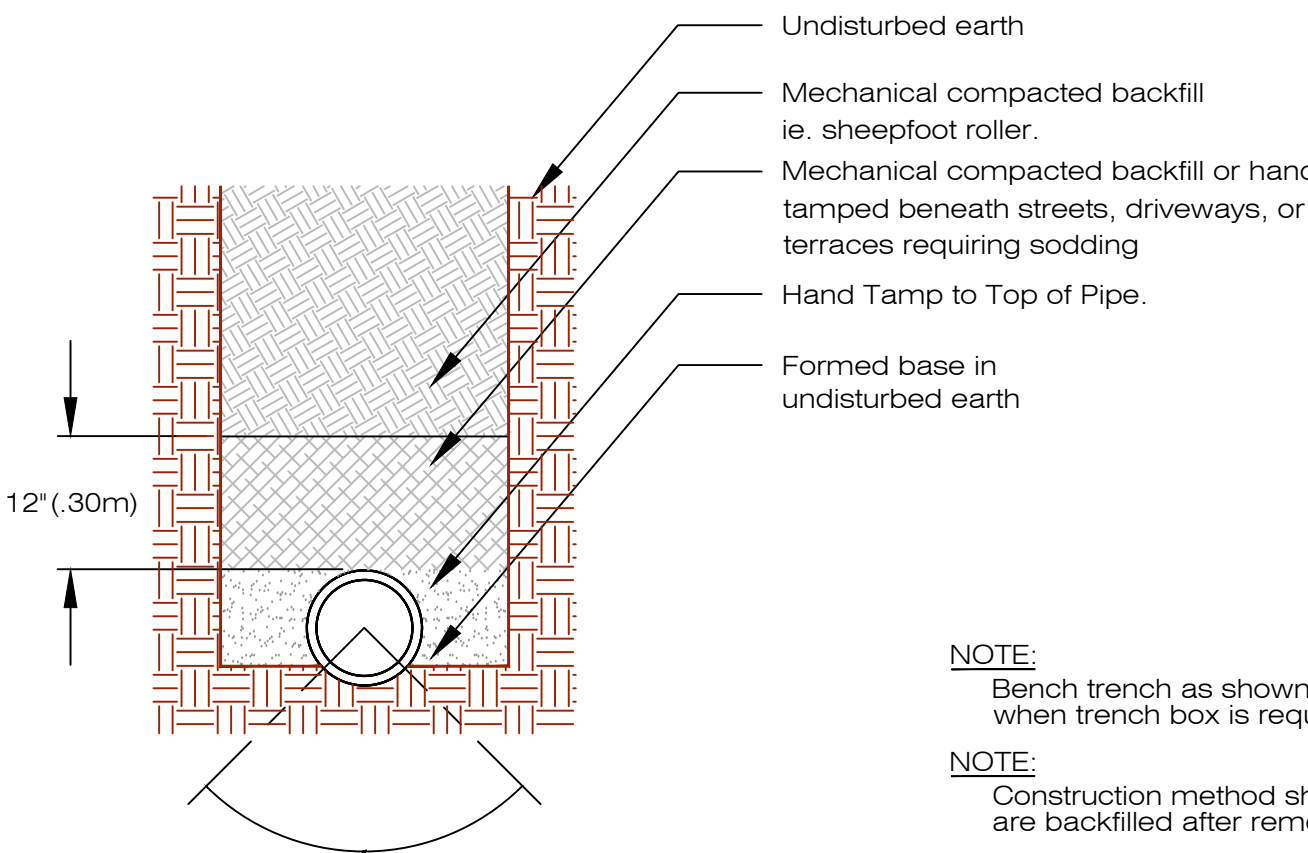
PIPE SIZE INCH (mm)	A FEET (m)	B FEET (m)	C FEET (m)	D INCH (mm)
4 (101mm)	1.00 (.30m)	1.00 (.30m)	1.00 (.30m)	3 (76mm)
6 (152mm)	1.50 (.46m)	1.50 (.46m)	1.00 (.30m)	6 (152mm)
8 (203mm)	2.00 (.61m)	2.00 (.61m)	1.00 (.30m)	6 (152mm)
10 (254mm)	2.50 (.76m)	2.50 (.76m)	2.00 (.61m)	9 (228mm)
12 (304mm)	3.00 (.91m)	3.00 (.91m)	2.00 (.61m)	9 (228mm)
14 (355mm)	3.00 (.91m)	3.00 (.91m)	2.50 (.76m)	12 (304mm)
16 (406mm)	4.00 (1.20m)	3.00 (.91m)	2.50 (.76m)	12 (304mm)
18 (457mm)	4.00 (1.20m)	4.00 (1.20m)	2.50 (.76m)	12 (304mm)
20 (508mm)	4.00 (1.20m)	4.00 (1.20m)	3.00 (.91m)	16 (406mm)
24 (609mm)	4.50 (1.40m)	4.50 (1.40m)	3.00 (.91m)	16 (406mm)
30 (762mm)	4.50 (1.40m)	5.00 (1.50m)	3.50 (1.10m)	18 (457mm)
36 (914mm)	5.00 (1.50m)	5.00 (1.50m)	3.50 (1.10m)	18 (457mm)
42 (1066mm)	5.50 (1.70m)	5.50 (1.70m)	4.00 (1.20m)	24 (609mm)
48 (1219mm)	6.00 (1.80m)	6.00 (1.80m)	4.00 (1.20m)	24 (609mm)



NOTE:
Bench trench as shown on bedding Detail III when trench box is required.

NOTE:
Construction method shall insure all voids are backfilled after removal of trench box.

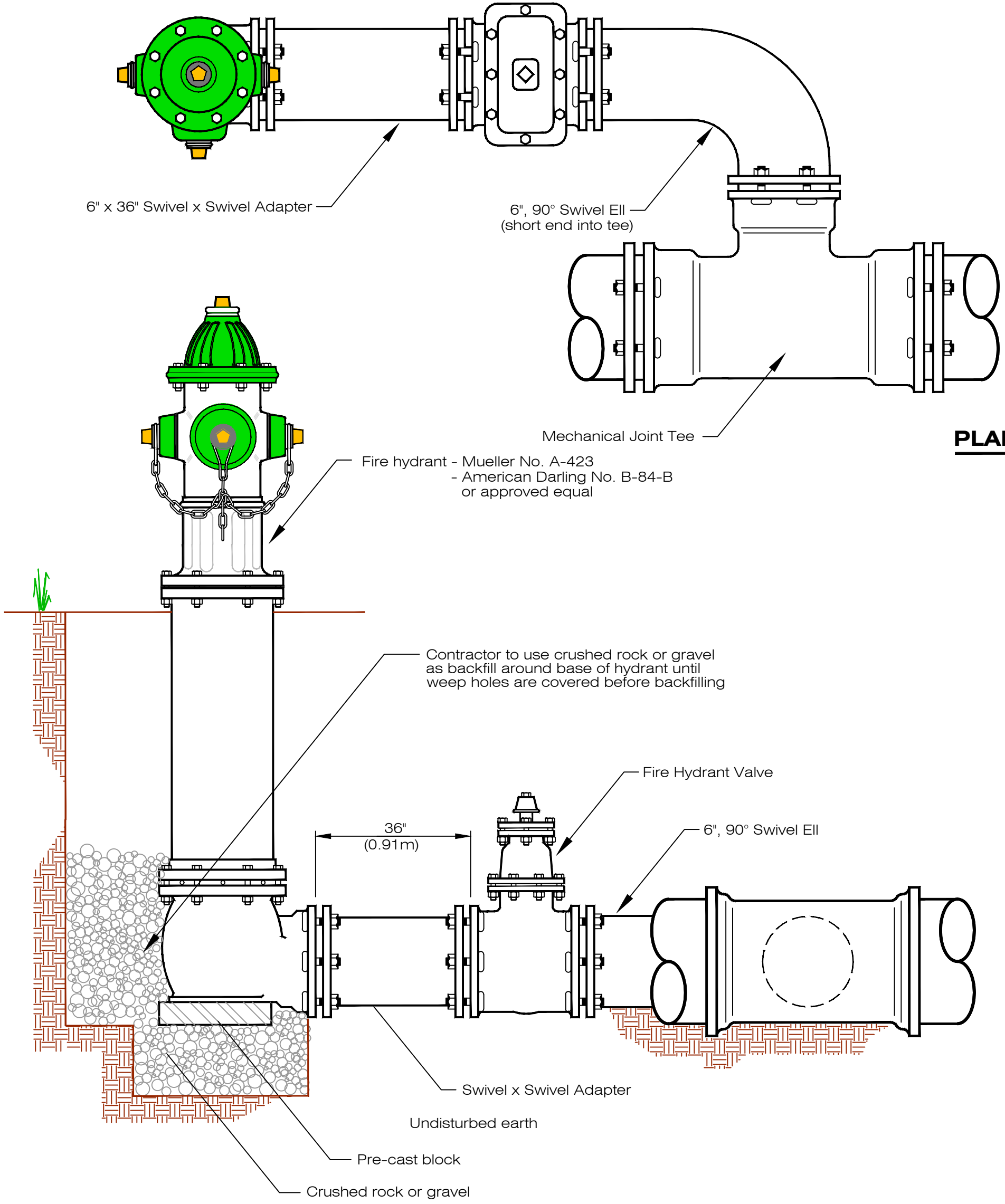
TYPE I BEDDING-PVC WATER MAIN



NOTE:
Bench trench as shown on bedding Detail III when trench box is required.

NOTE:
Construction method shall insure all voids are backfilled after removal of trench box.

TYPE II BEDDING-DIP WATER MAIN



HYDRANT AND VALVE DETAIL



Know what's below.
Call before you dig.

No.	Revision	By	Date	Ckd	App

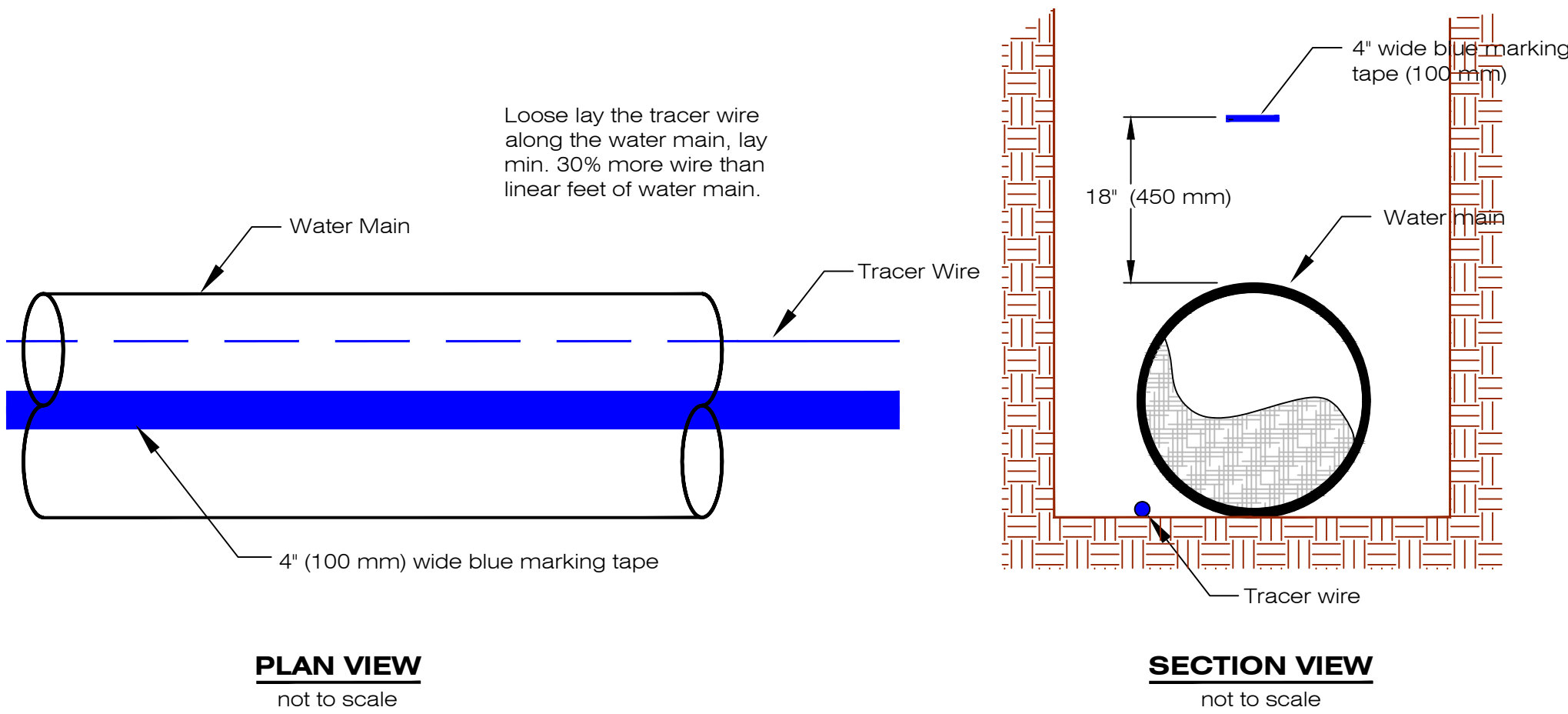
I, Keith A. Miller, am the Coordinating Professional on the WATER EXTENSION DISTRICT 2025-1 WA-136

PROFESSIONAL CIVIL ENGINEER
★
KEITH A. MILLER
E-17504
Utah State Engineer
OF NEBRASKA

Water Extension
District 2025-1
to Serve Lochland
Meadows 17th Addition.
Standard Water Details

HASTINGS UTILITIES

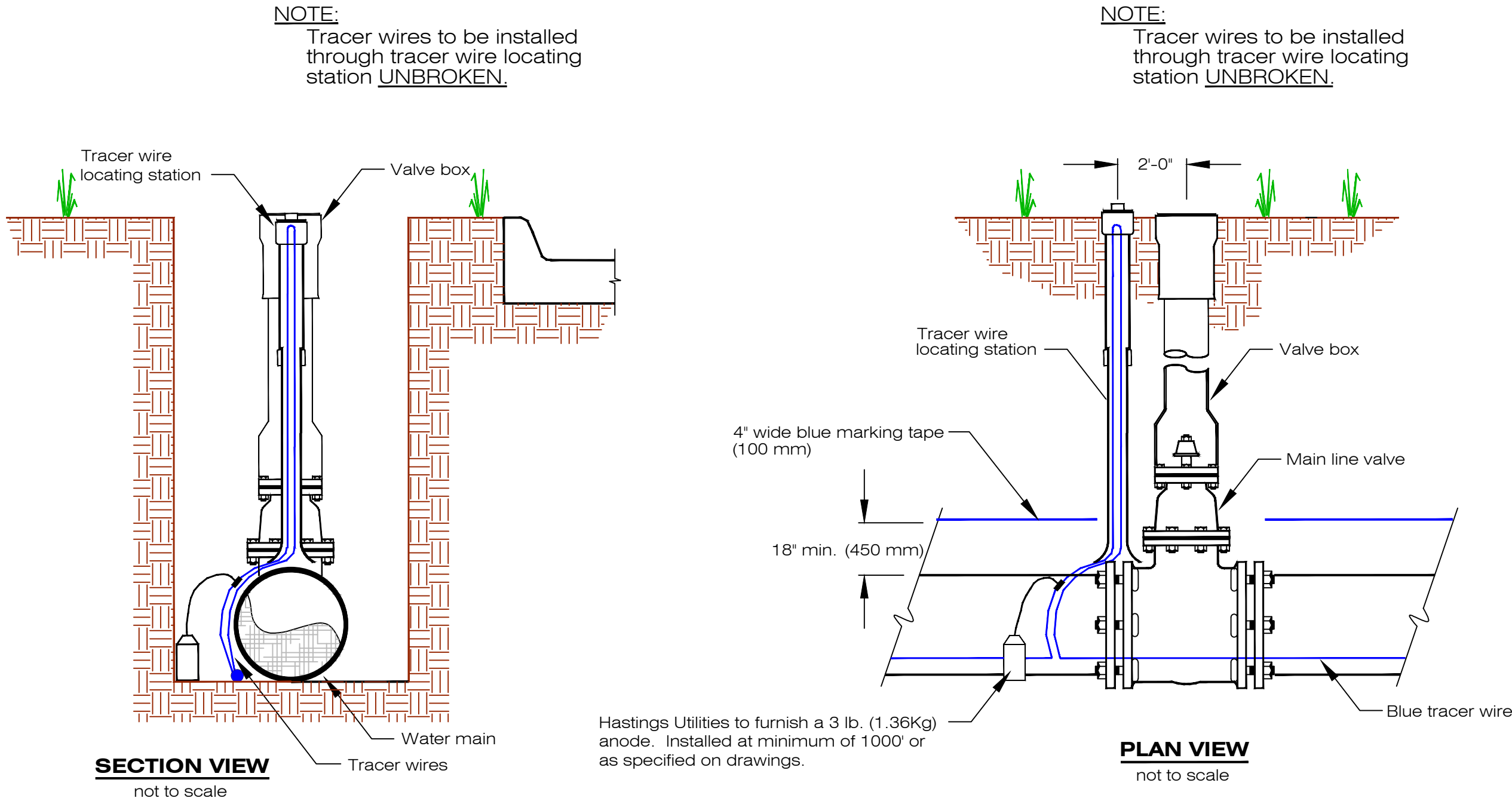
Desn	K. Miller
Drwn	S. Struss
Date	3/11/2025
Supr	B. Lubken
W.O. No.	WA-136
Ckd	
Ckd	
Sheet No.	CW3.1
No.	WR-137 (Paid by WD 2025-1)



NOTE:
Sufficient space shall be provided to allow installation of service saddle and/or tapping equipment.

NOTE:
Tracer wire and warning tape to be provided by Hastings Utilities (subsidiary to bid).

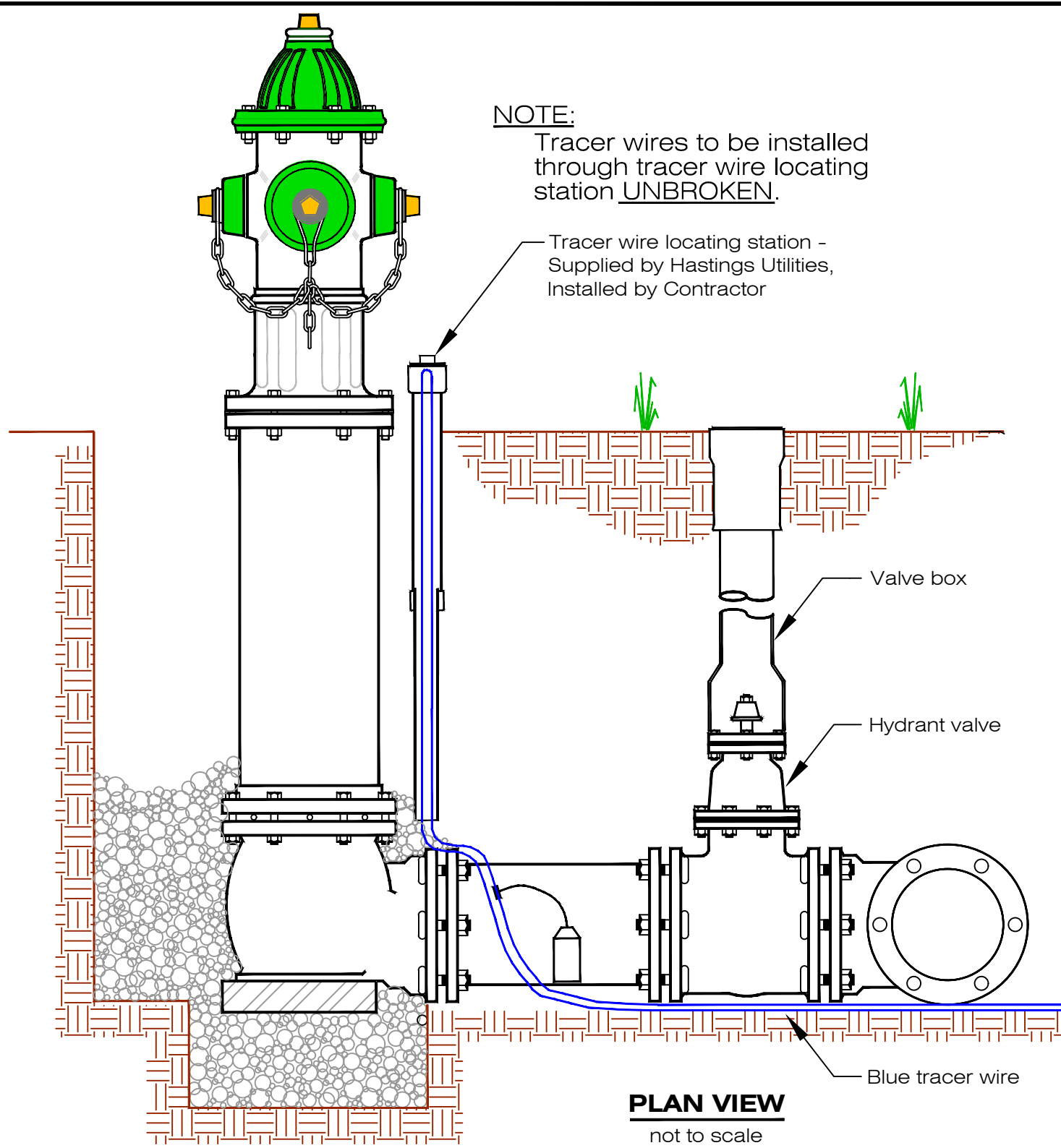
TRACER WIRE AND TEST STATION DETAIL



NOTE:
Tracer wires to be installed through tracer wire locating station **UNBROKEN**.

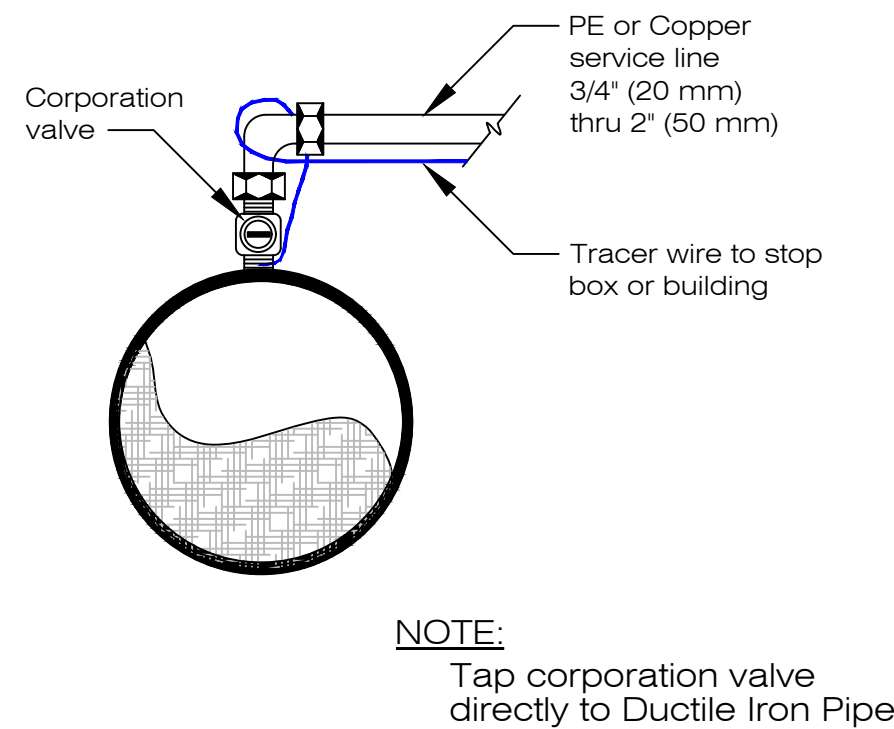
NOTE:
Tracer wires to be installed through tracer wire locating station **UNBROKEN**.

TRACER WIRE LOCATING STATION AT MAIN LINE VALVE

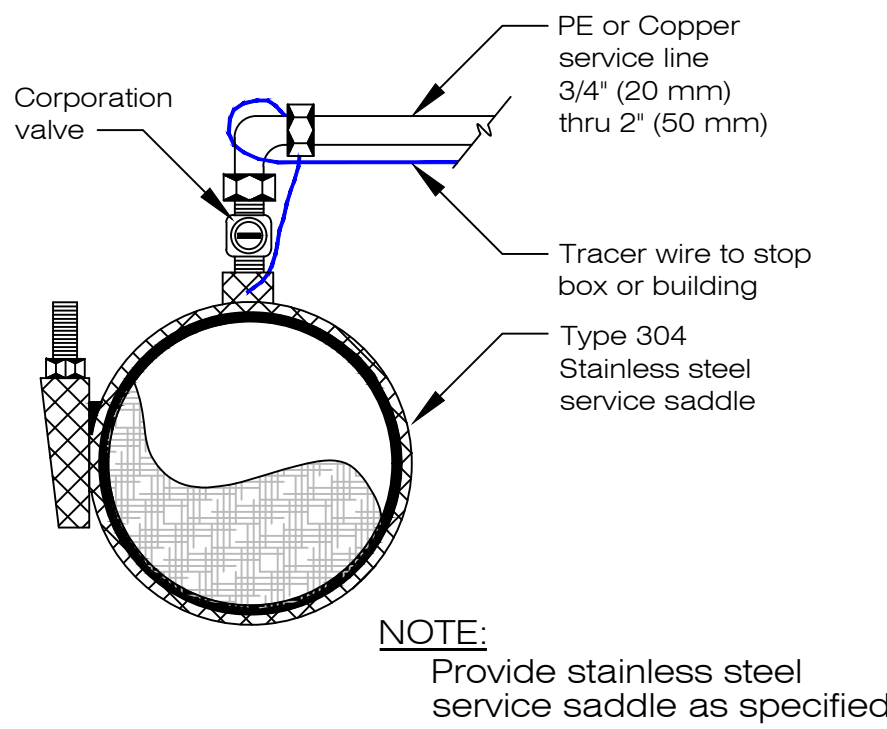


TRACER WIRE LOCATING STATION AT FIRE HYDRANT

1. Class 52 Ductile Iron Pipe

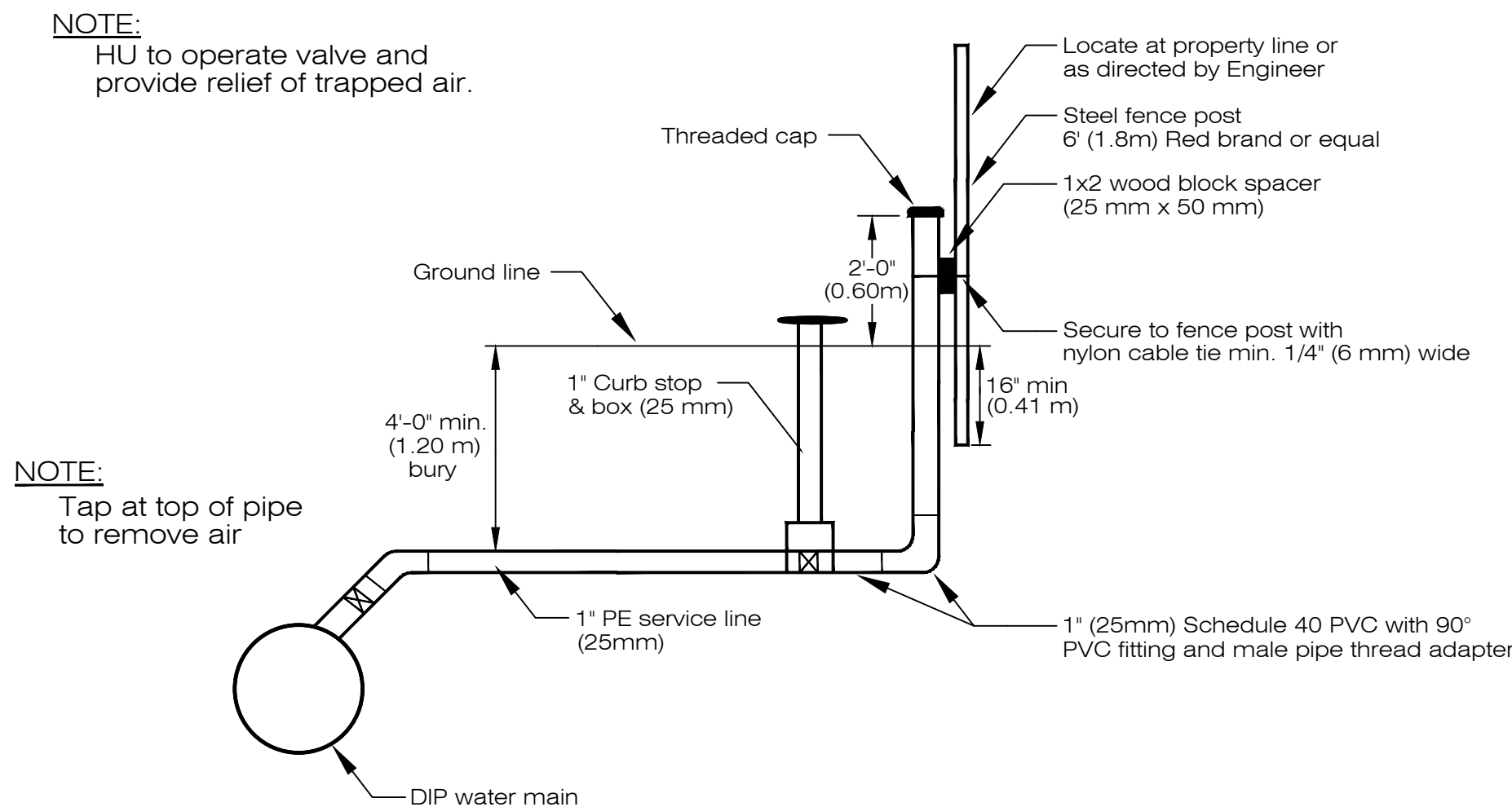


2. AWWA C900 Polyvinyl Chloride Pipe and Pressure Class Ductile Iron Pipe



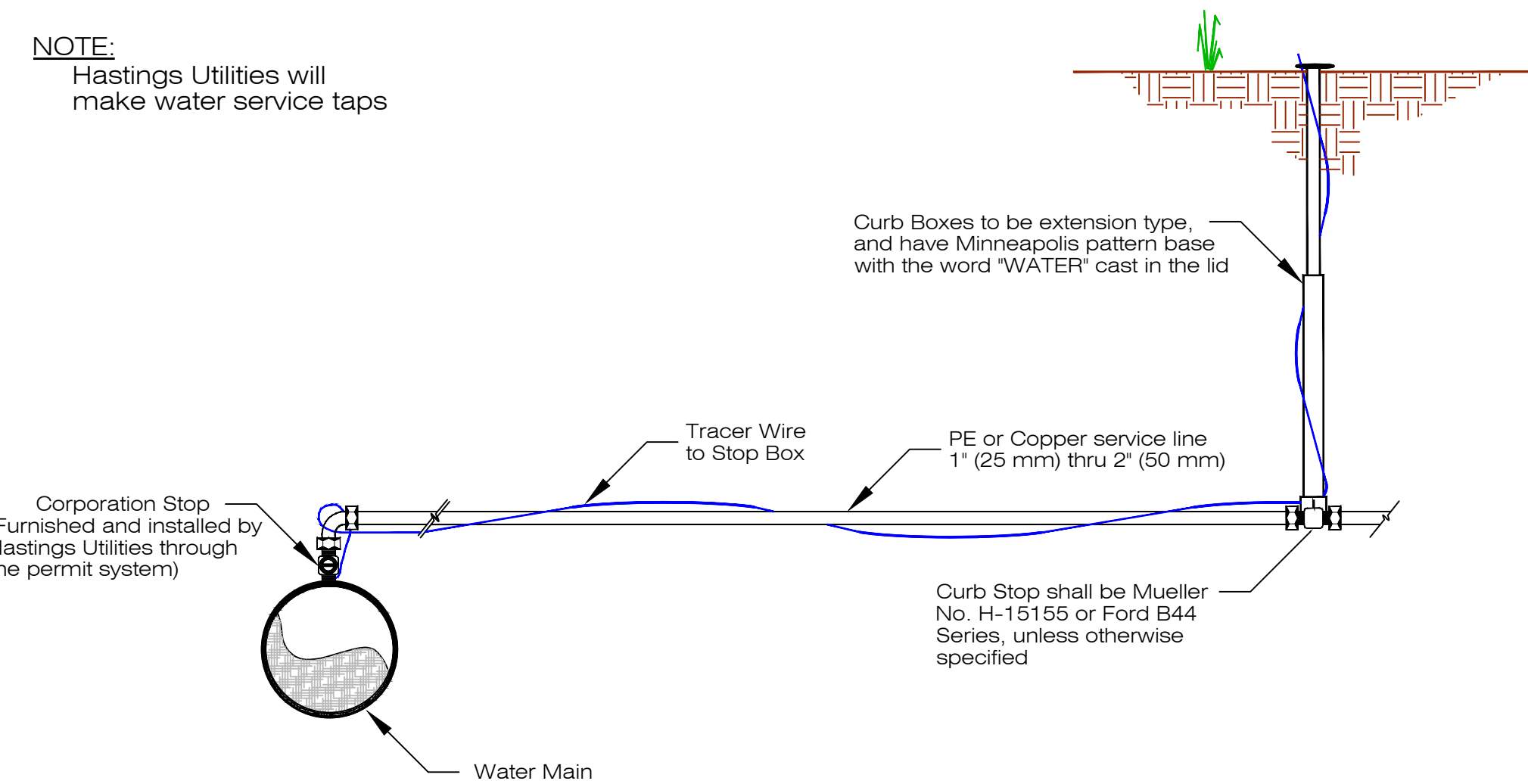
NOTE:
All water services must be 5' (1.52 m) deep.

SERVICE AND SERVICE SADDLE CONNECTION DETAILS 3/4" THRU 2"

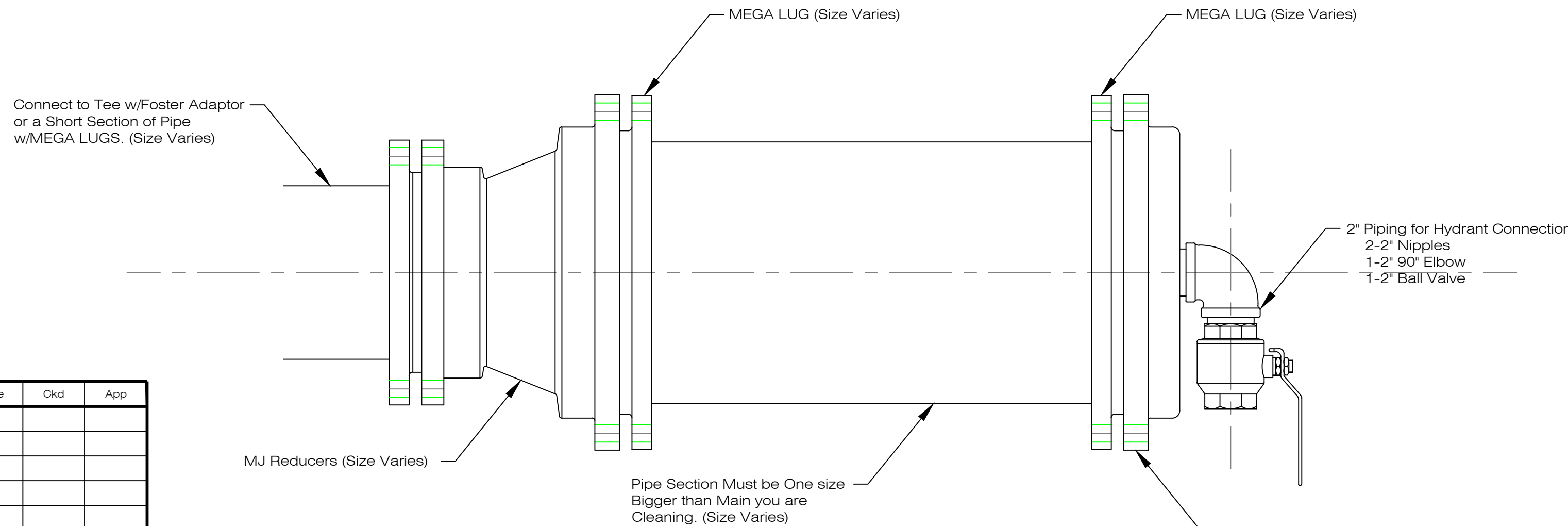


AIR RELIEF DETAIL

NOTE:
Hastings Utilities will make water service taps



WATER SERVICE DETAIL

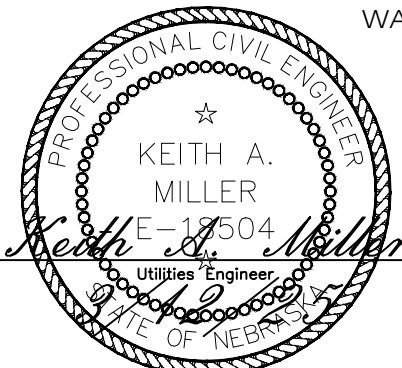


PIG LAUNCHER DETAIL



Know what's below.
Call before you dig.

No.	Revision	By	Date	Ckd	App



I, Keith A. Miller, am the Coordinating Professional on the WATER EXTENSION DISTRICT 2025-1 WA-136

Water Extension
District 2025-1
to Serve Lochland
Meadows 17th Addition.
Standard Water Details



Desn	K. Miller
Drwn	S. Struss
Date	3/11/2025
Supr	B. Lubken
W.O. No.	WA-136
Ckd	
Ckd	
Sheet No.	CW3.2
No.	WR-137 (Paid by WD 2025-1)



Hastings Utilities

2025

Water Extension District

2025-1

WA-136



GENERAL NOTES

ALL GPS READINGS TAKEN WERE USING THE STATEPLAN COORINATE SYSTEM.

CONTRACTOR SHALL MAINTAIN ACCESS TO THE HOMEOWNERS PROPERTY AT ALL TIMES.

TRACER WIRE, TRACER WIRE RISERS, MARKING TAPE, AND ANODES WILL BE SUPPLIED BY HASTINGS UTILITIES AND INSTALLED BY THE CONTRACTOR.

CONTRACTOR IS RESPONSIBLE FOR THE TRAFFIC CONTROL AND CLOSURE OF ANY LANES OF TRAFFIC AND IS SUBSIDIARY TO THE BID.

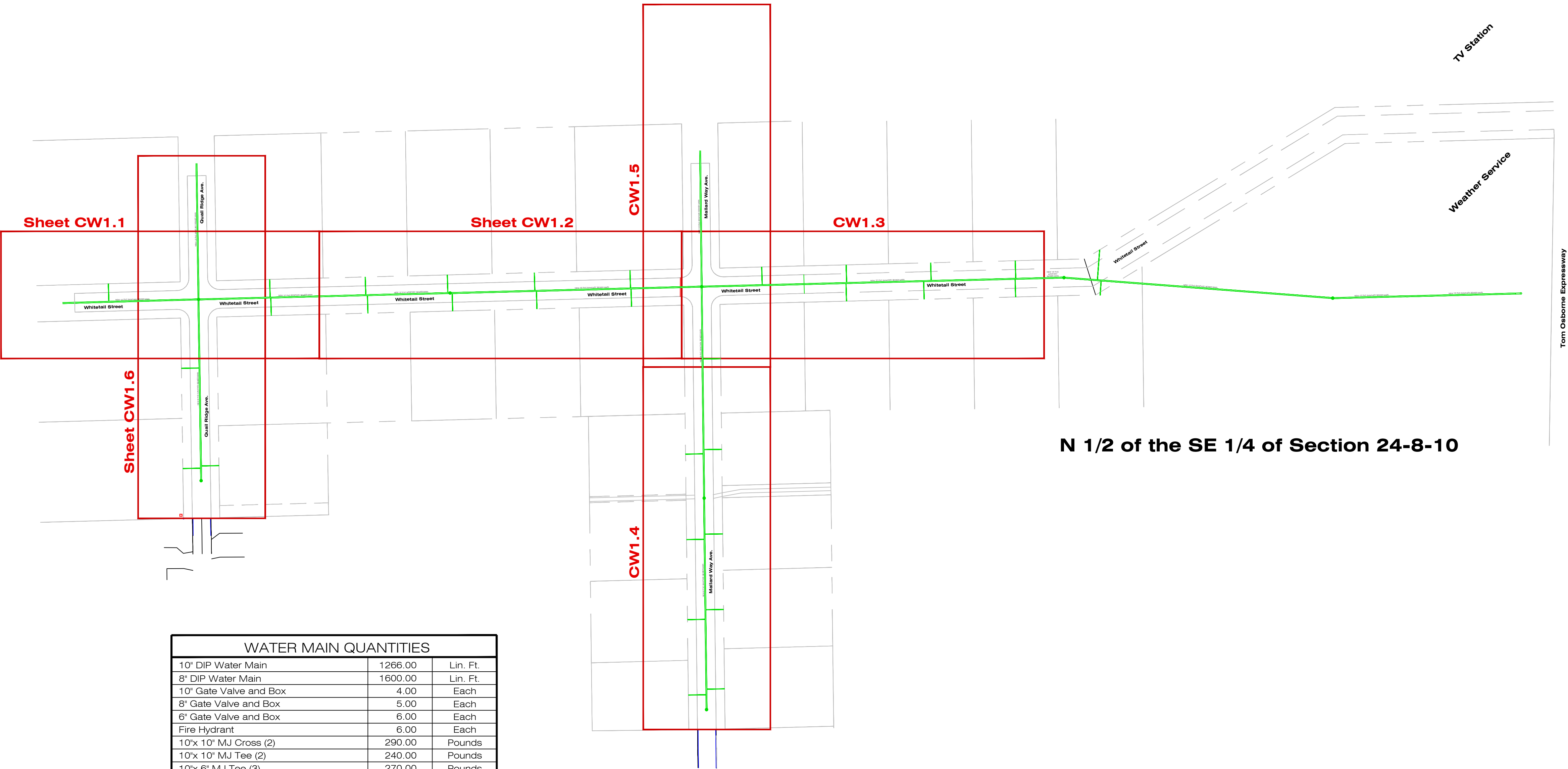
ANY TYPE OF POTHOLING OR EXCAVATING OF EXISTING UTILITIES NEEDED TO COMPLETE THIS PROJECT IS SUBSIDIARY TO THE BID.

SOME PROPERTIES IN THE PROJECT AREA MAY HAVE UNDERGROUND SPRINKLERS ON THEM. ANY DAMAGES AND REPAIRS WILL THE RESPONSIBILITY OF THE CONTRACTOR.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF CONSTRUCTION SITE TO FINE GRADING FOR RESEEDING. DAMAGED AREAS SHALL BE LEVELED OUT TO MATCH EXISTING GRADE CONDITIONS AND RAKED TO PROVIDE SUITABLE BEDDING FOR SEEDING. ALL UNSUITABLE MATERIAL SHALL BE REMOVED SUCH AS ROCK, CONCRETE, ETC. AND IS SUBSIDIARY TO BID. ACTUAL SEEDING WILL BE DONE BY HASTINGS UTILITIES FORCES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EROSION CONTROL ON THE PROJECT AND IS SUBSIDIARY TO THE BID. REMOVAL OF ALL EROSION CONTROL STRUCTURES WILL BE REMOVED BY HASTINGS UTILITIES AFTER SEEDING IS ESTABLISHED.

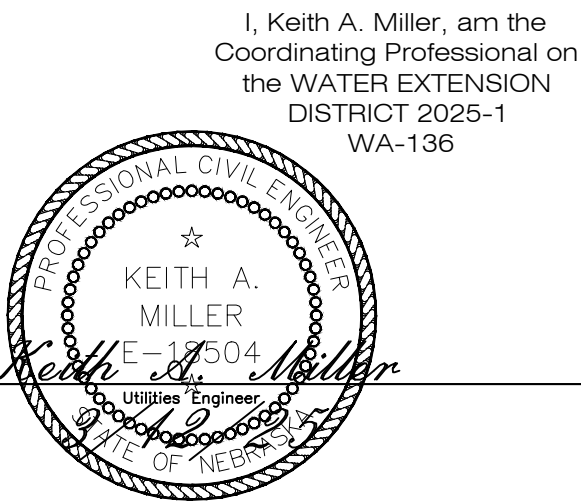
BORING LOG IS REQUIRED FOR ALL BORES FOR LOCATIONS AND DEPTHS.



N 1/2 of the SE 1/4 of Section 24-8-10

WATER MAIN QUANTITIES		
10" DIP Water Main	1266.00	Lin. Ft.
8" DIP Water Main	1600.00	Lin. Ft.
10" Gate Valve and Box	4.00	Each
8" Gate Valve and Box	5.00	Each
6" Gate Valve and Box	6.00	Each
Fire Hydrant	6.00	Each
10"x 10" MJ Cross (2)	290.00	Pounds
10"x 10" MJ Tee (2)	240.00	Pounds
10"x 6" MJ Tee (3)	270.00	Pounds
8"x 8" MJ Tee (2)	172.00	Pounds
8"x 6" MJ Tee (3)	216.00	Pounds
6" 90° Hydrant Ell (6)	312.00	Pounds
6" 36" SW x SW Adapter (6)	522.00	Pounds
10" MJ Plug (4)	142.00	Pounds
8" MJ Plug (2)	52.00	Pounds
8" MJ Cap (2)	44.00	Pounds
10" Foster Adaptor	6.00	Each
8" Foster Adaptor	9.00	Each
10" MEGA Lug	2.00	Each
Remove Fire Hydrant and Adapter	1.00	Each
Remove 8"x 6" MJ Reducer	1.00	Each
Remove 8" MJ Plug	1.00	Each
1" Water Service 53'	13.00	Each
1" Water Service 7'	11.00	Each
3 lb. Anode	9.00	Each
Blue Water Marking Tape	3152.00	Lin. Ft.
Tracer Wire	3152.00	Lin. Ft.
Tracer Wire Riser	6.00	Each
Thrust Block	4.00	Each

Lee Vrooman 3/12/25
City Engineer



Water Extension
District 2025-1
to Serve Lochland
Meadows 17th Addition.

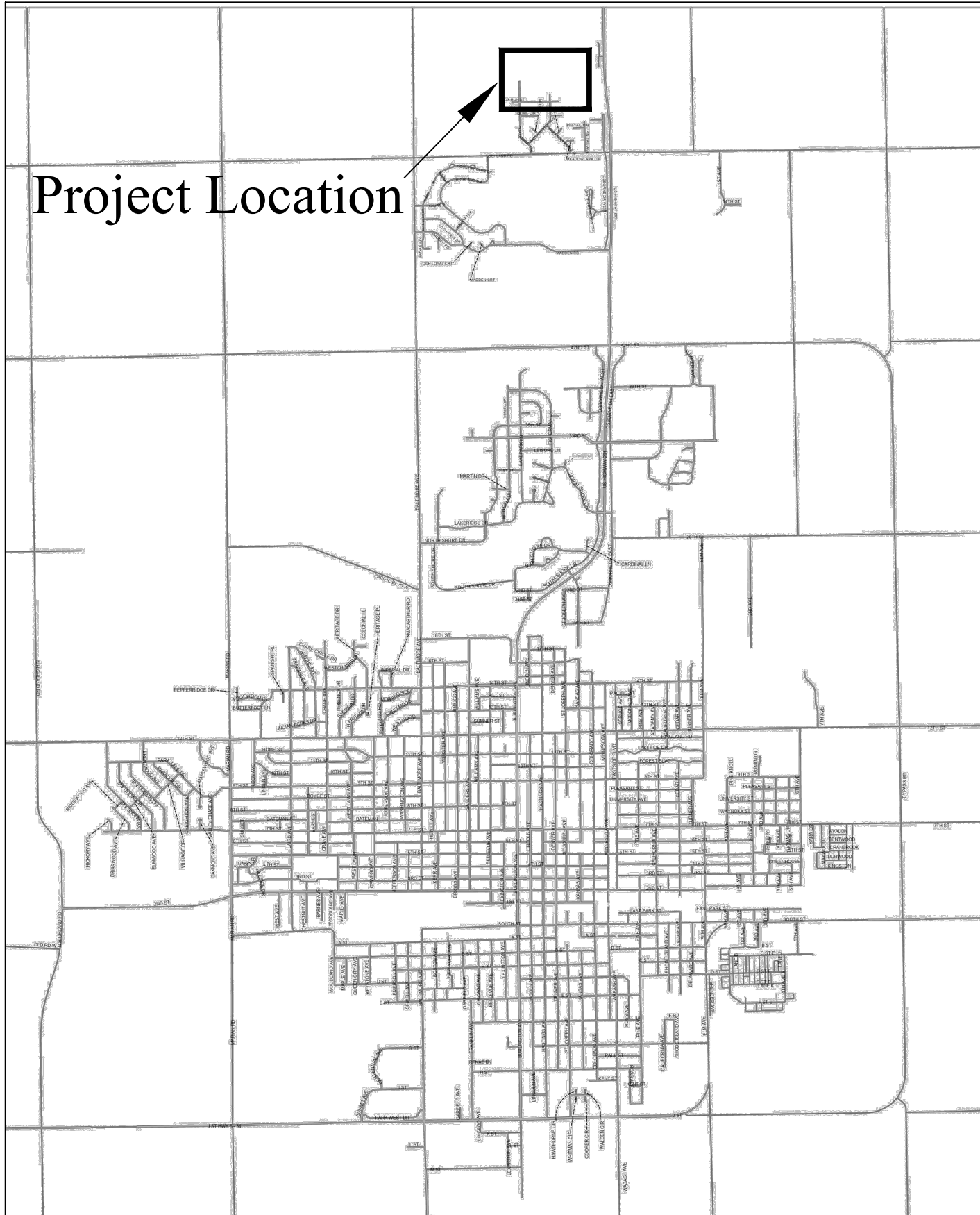
Desn K. Miller
Drwn S. Struss
Date 3/11/2025
Supt. B. Lubken
W.O. No. WA-136
Ckd
Ckd
Sheet No. Quantities
No. WR-137
(Paid by WD 2025-1)



CITY OF HASTINGS

LOCHLAND MEADOWS SUB. # 17 PAVING PLANS

City Project: CH00043 City Contract: HU 2025-46 SID 2025-1



LEGEND

Spot Elevation

Utility Pole

Control Point - Nail Set

Deciduous Tree

Coniferous Tree

Manhole

Fire Hydrant

Water Valve

Gas Valve

Railroad Tracks

Sign

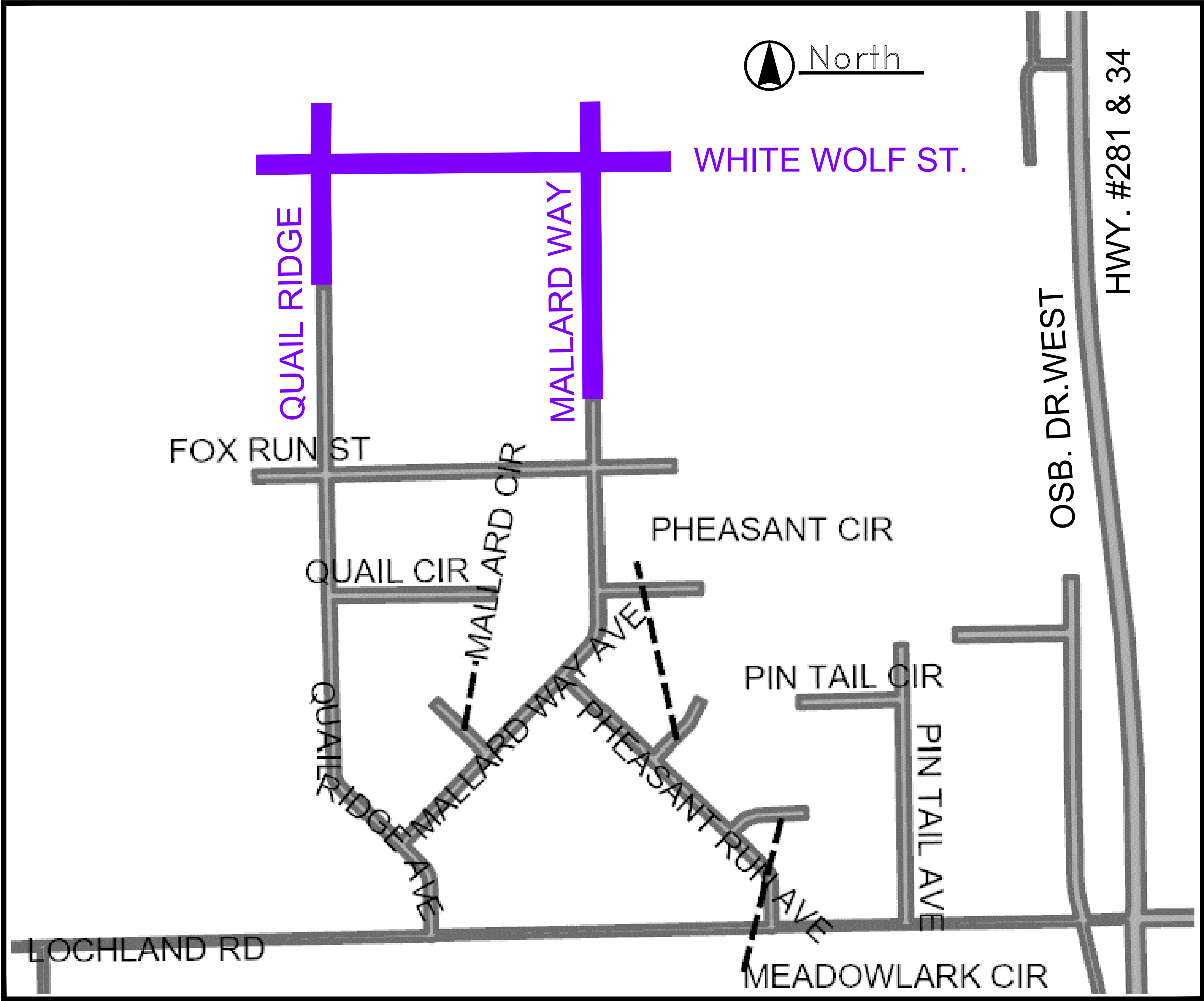
Light

Contour Line

Flowline

Property Line

Fence



INDEX OF SHEETS

SITE A	
SHEET NO. 1	TITLE SHEET
SHEET NO. 2	SUMMARY OF QUANTITIES & NOTES
SHEET NO. 3	TYPICAL CROSS SECTIONS & DETAILS
SHEET NO. 4-9	PLAN AND PROFILE SHEETS
SHEET NO. 10	EROSION CONTROL PLAN (Revised)
SHEET NO. 11-21	CROSS SECTION SHEETS

NDOT STANDARD PLANS

SPECIAL PLAN 1C	CONCRETE WASHOUT & CONSTRUCTION EXIT
SPECIAL PLAN 2C	INLET PROTECTION
301-R12	PAVEMENT DETAILS
410-R5	FLARED END SECTIONS FOR CULVERT PIPES
443-R13	CURB INLETS AND JUNCTION BOX
501-R7	EROSION CONTROL
502-R2	SILT FENCE DETAILS
920-R7	TRAFFIC CONTROL, CONSTRUCTION AND MAINTENANCE
924-R4	URBAN TRAFFIC CONTROL PLAN

CALL BEFORE YOU DIG

DIGGERS
HOTLINE
OF NEBRASKA

1-800-331-5666

ONE CALL

Contractor shall verify location (including depth or height) of all utilities before construction within the project area. Diggers Hotline = 1-800-331-5666



APPROVED FOR CONSTRUCTION: _____
DIRECTOR OF ENGINEERING DATE



Revision	By	Date	Ckd	App	Bench Mark Information
					Elev. Remarks
					To Be Set Prior to Construction



Dir. of Engineering: L. Vrooman
Checked By: S. Riehle
Drawn By: Brooks

FOR BID

Lochland Meadows Sub.#17 Paving Plans
Title Sheet

Drawing No. SID 2025-1	Date: 03/2025	Sheet No. 1 of 21
---------------------------	------------------	----------------------

Summary of Quantities

Lochland Meadows Sub. #17 Paving Plans

EMBANKMENT & SUBGRADE (SITE A & B)

The embankment and subgrade shall be adjusted to conform to the lines and grades on the plans in accordance with Section 205 and 302 of the NDOT 2017 Standard State Specifications for Highway Construction and its supplements. The upper six (6) inches of the subgrade shall be scarified, mixed and recompactd to the following compaction requirements:

Percent Density	Moisture Minimum	Requirements Maximum
95 Min.	Opt. -3%	Opt. +3%

Areas not meeting specified moisture density test requirements shall be removed and recompactd at the Contractor's expense.

All water necessary for subgrade construction shall be subsidiary to the unit bid price per square yard of pavement. Contact Hastings Utilities to make arrangement for water & to set up an account for billing.

All Excess Excavation shall be disposed of on-site along the North side of White Wolf Street and graded to drain prior to completion of project.

STORM SEWER

Storm Sewer contractor shall be responsible for grading from end of Flared End Section East to daylight and graded to drain. See Details Sheet and Erosion Control Sheet for ditch grading detail and location.

CONCRETE PAVEMENT

All **Concrete** used on this project shall be **47B-3500** per specifications using NDOT approved portland cement types 1P, 1S, or 1T.

Typical **transverse joints** shall be spaced at **10 ft.** centers. Adjust Transverse joints at intersections. Length divided by width can be no more than 1.5.

Backfilling, sawing control joints, keyway, tie bars, dowel pins, and rubberized joint sealant shall be considered subsidiary to the unit price per square yard of pavement and shall be built according to NDOT 2017 Standard Specifications for Highway Construction.

Contractor shall be responsible for grading from end of pavement East to daylight at the same grade as the street and graded to drain. See Plan and Profile Sheets for centerline grade and rough distance to daylight.

TRAFFIC CONTROL

The Contractor is responsible for barricades, furnishing and maintaining all necessary traffic control devices including signs, cones, barrels, etc.

SEEDING

Once backfilling and final grading is complete, the Owner will be responsible for seeding all disturbed areas.
Final Grading shall mean all areas are ready for seed application.

EROSION CONTROL

Prior to installation of C-125 Turf Reinforcement Mat, Contractor shall seed and fertilize soil under mat per manufacturer's specifications.

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITIES	UNIT
1	Mobilization & Traffic Control	1.00	L.S.
2	Earthwork - Cut=3290 CY, Fill=635 CY	1.00	L.S.
3	Remove Concrete Header	62.00	L.F.
4	Linear Erosion Protection	1000.00	L.F.
5	Build 6" P.C.C. Pavement 47B-3500	9207.60	S.Y.
6	Build Concrete Header 47B-3500	124.00	L.F.
7	Build NDOT Curb Inlet X=10'	2.00	Each
8	24" Storm Sewer Pipe	32.00	L.F.
9	30" Storm Sewer Pipe	912.00	L.F.
10	30" Flared End Section	1.00	Each
11	Curb Inlet Protection (2 inlets prior to paving & 2 after paving)	4.00	Each
12	Adjust Manhole to Grade	6.00	Each
13	Adjust Valve Box to Grade	1.00	Each
14	C-125 Turf Reinforcement Mat	1200.00	S.F.

SUMMARY OF EARTHWORK:

Calculated from cross section sheets.
NO compaction factor was applied to embankment quantities.

Quail Ridge Ave.: = 863 CY Cut
145 CY Fill

White Wolf Street: = 1202 CY Cut
145 CY Fill

Mallard Way Ave.: = 1225 CY Cut
244 CY Fill

TOTAL: = 3290 CY Cut
- 635 CY Fill
2655 CY Excess Excavation

NOTE:
Actual Excavation quantities will depend on what current Sewer Contractor leaves behind.



Revision	By	Date	Ckd	App

Bench Mark Information	
Elev.	Remarks
	To Be Set Prior to Construction



Dir. of Engineering: <u>L. Vrooman</u>
Checked By: <u>S. Riehle</u>
Drawn By: <u>Brooks</u>

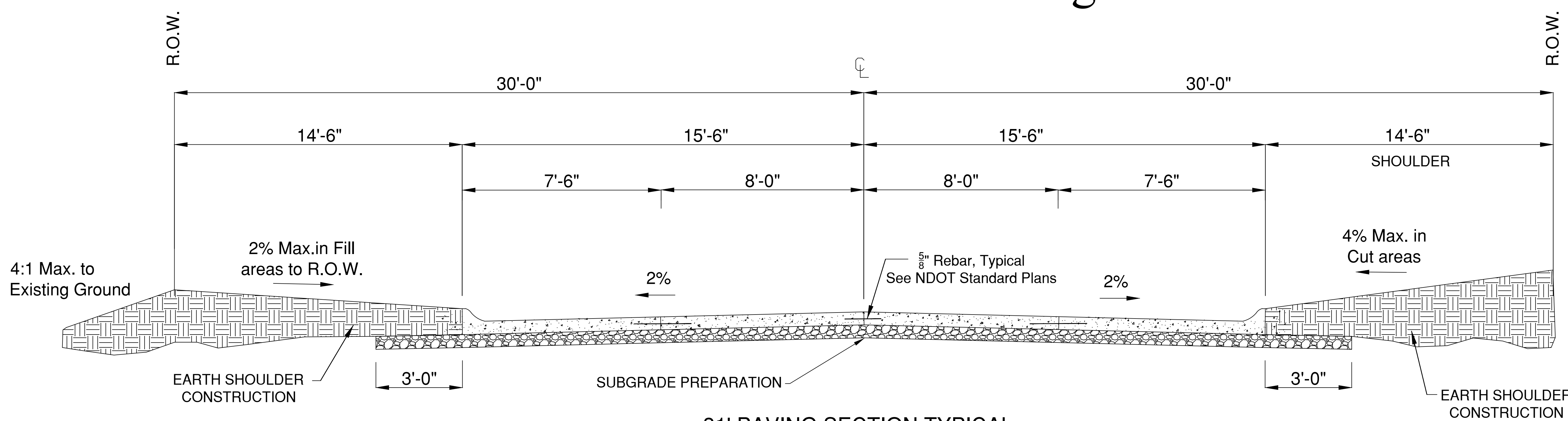
FOR BID

Lochland Meadows Sub. #17 Paving Plans
Summary of Quantities/Details

Drawing No. SID 2025-1	Date: 03-2025	Sheet No. 2 of 21
---------------------------	------------------	----------------------

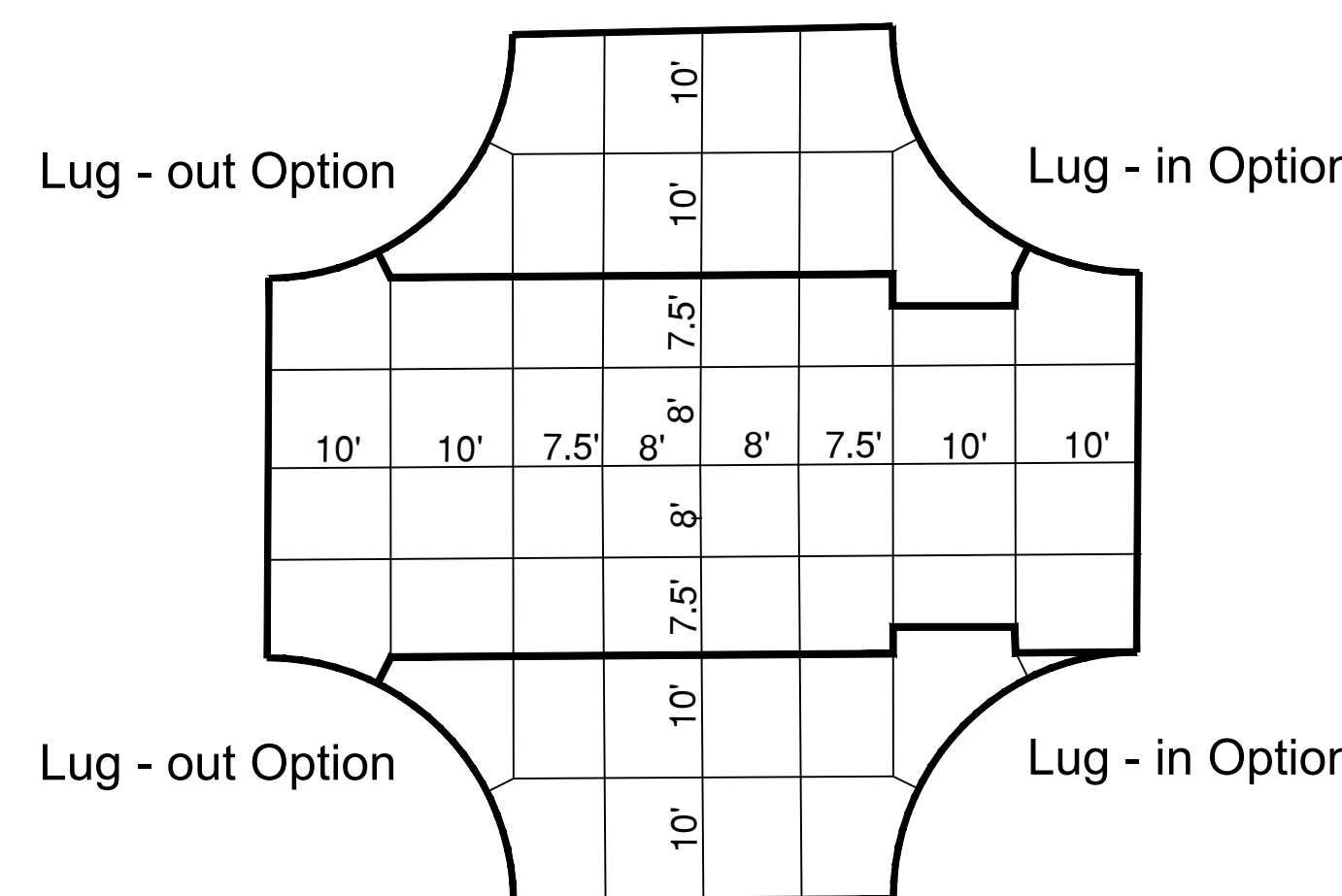
Typical Sections & Joint Details

Lochland Meadows Sub.#17 Paving Plans



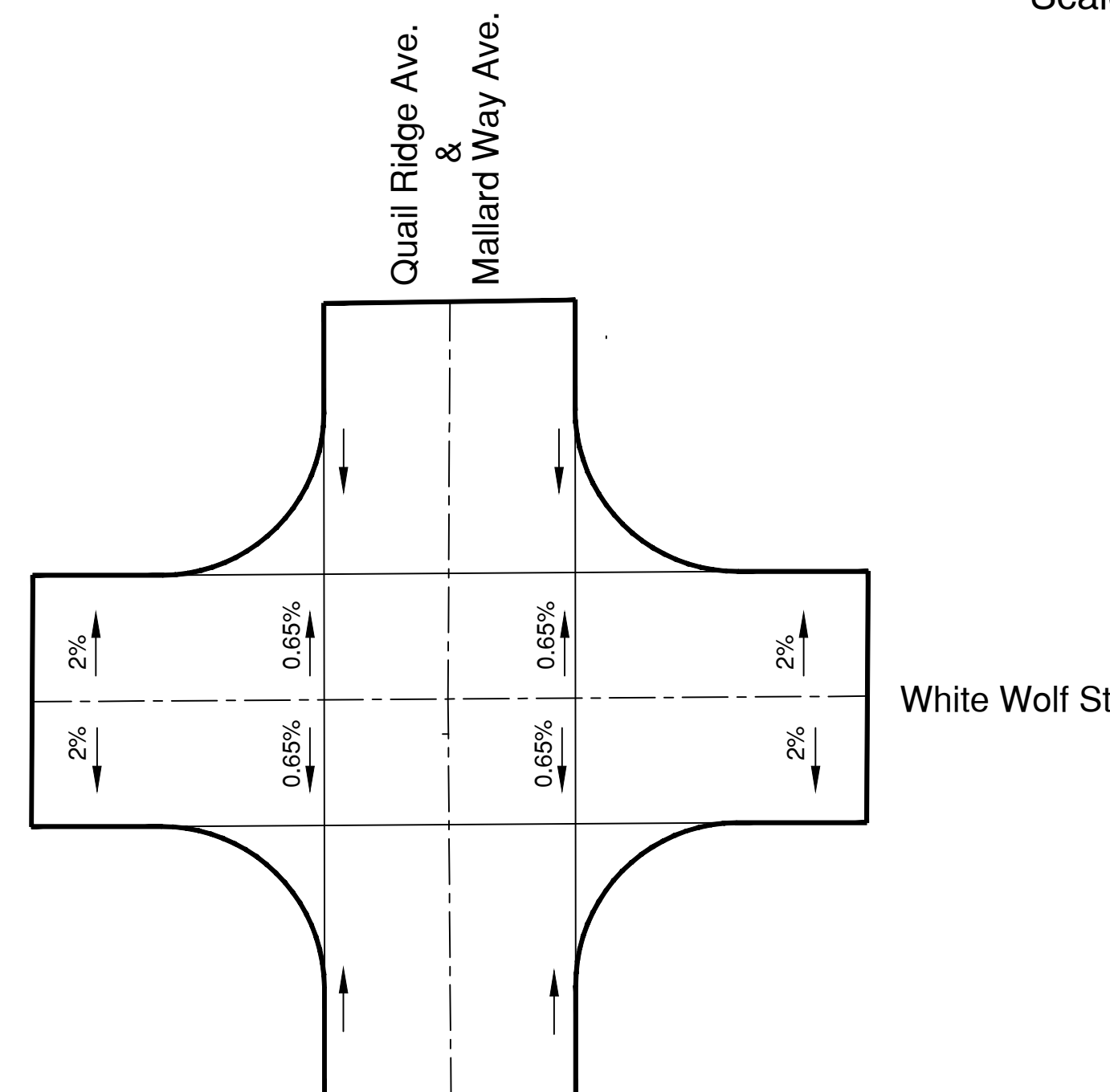
31' PAVING SECTION TYPICAL

Scale: None



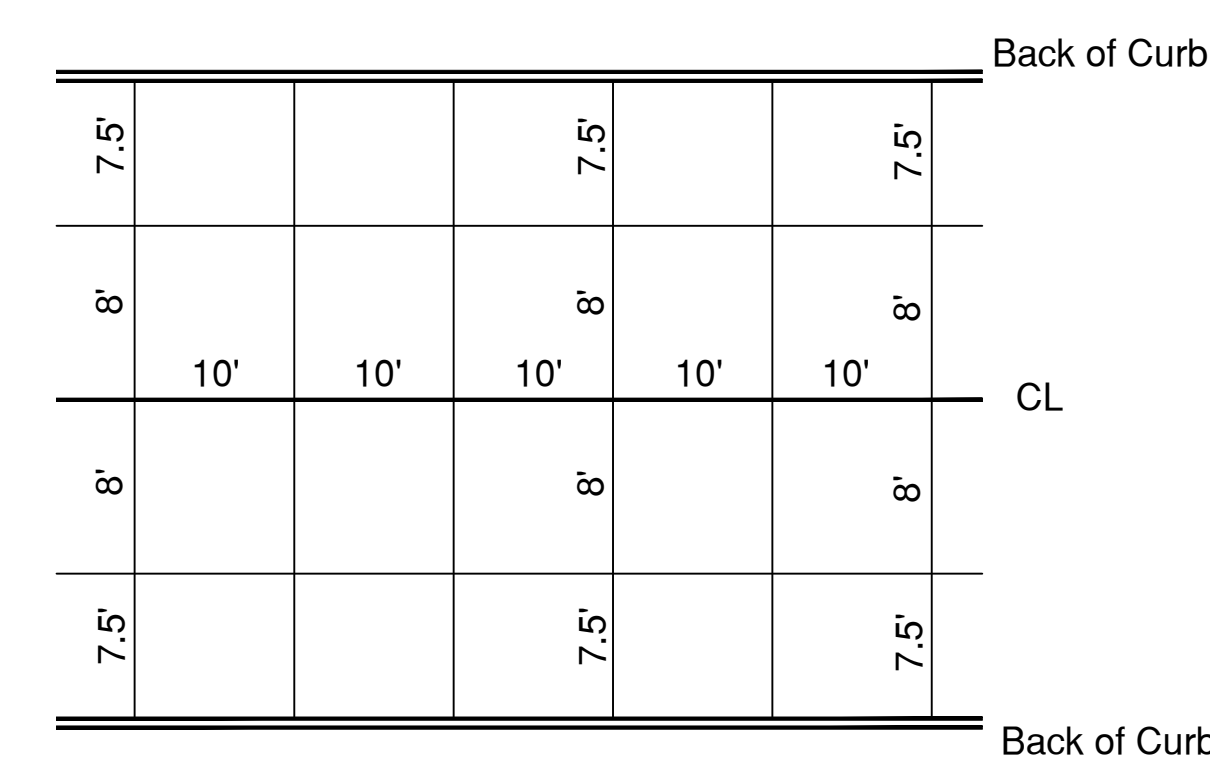
Typical Lug-in / Lug-out Detail

Scale: None



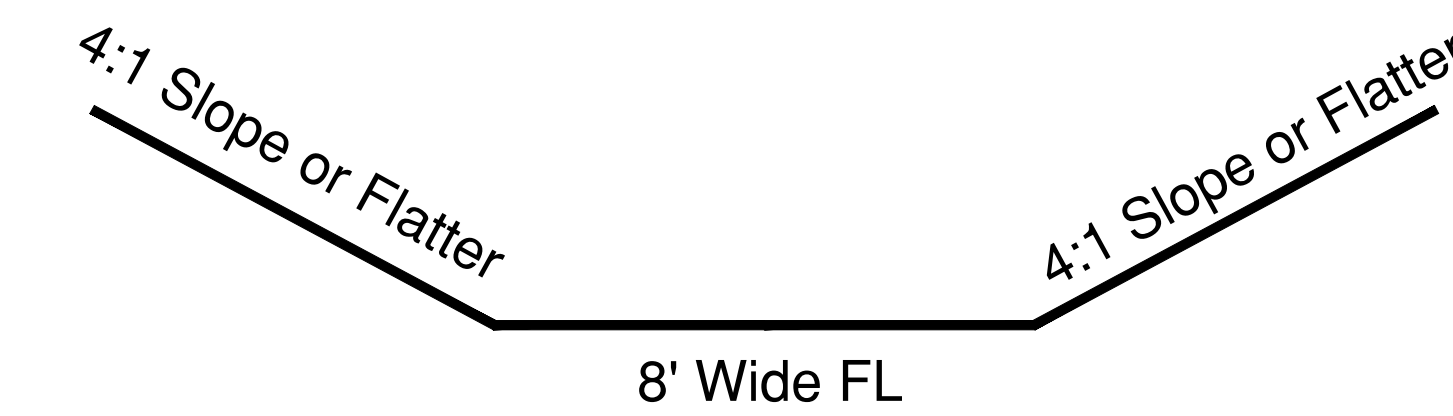
Detail for Flattening of Crown thru Intersection

Scale: None



Typical Joint Spacing Detail

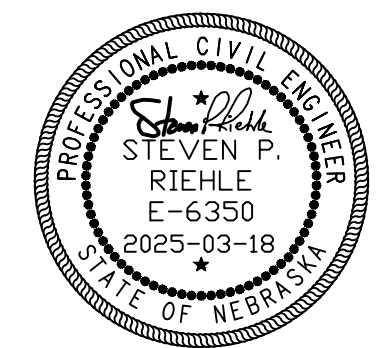
Scale: None



Typical Section for Channel Cleanout

Sta. 214+00 East to Daylight

Scale: None

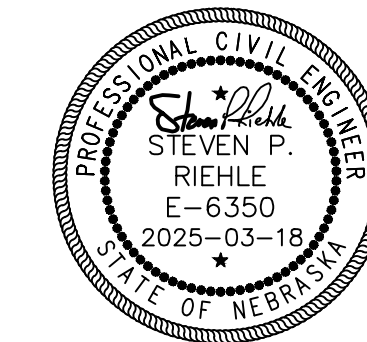
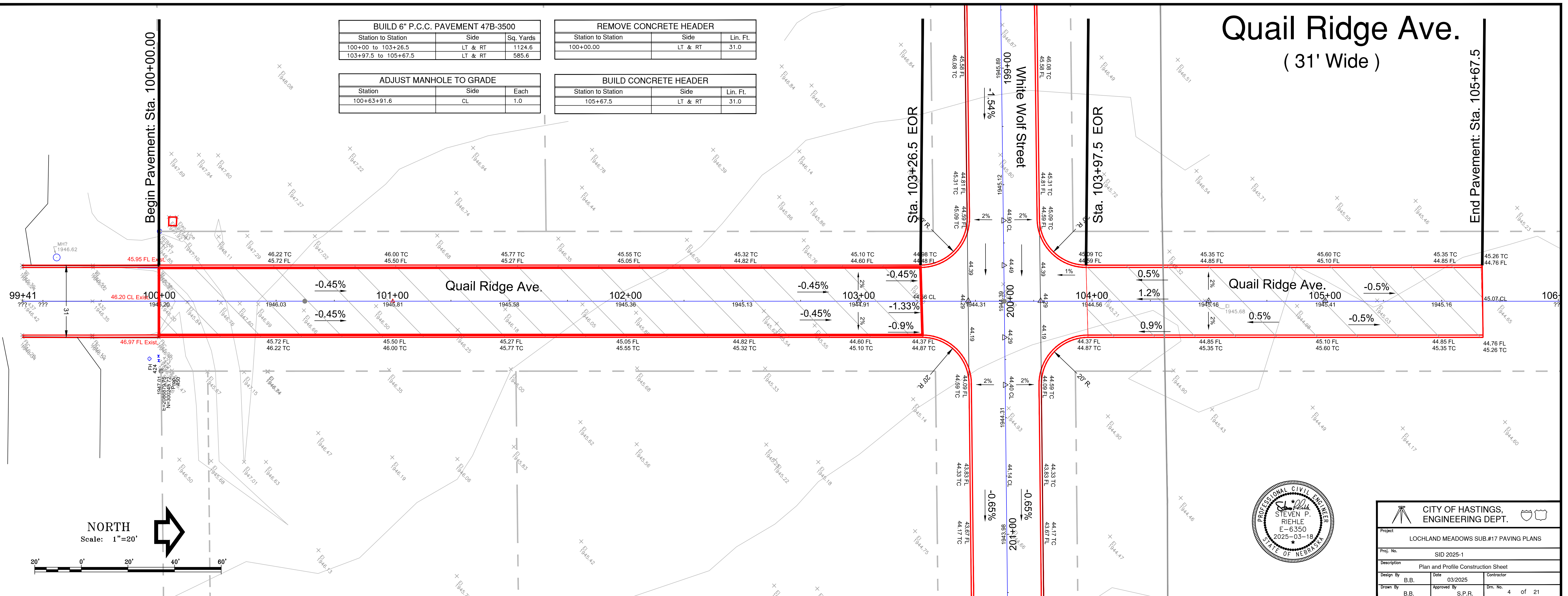


BUILD 6" P.C.C. PAVEMENT 47B-3500		
Station to Station	Side	Sq. Yards
100+00 to 103+26.5	LT & RT	1124.6
103+97.5 to 105+67.5	LT & RT	585.6

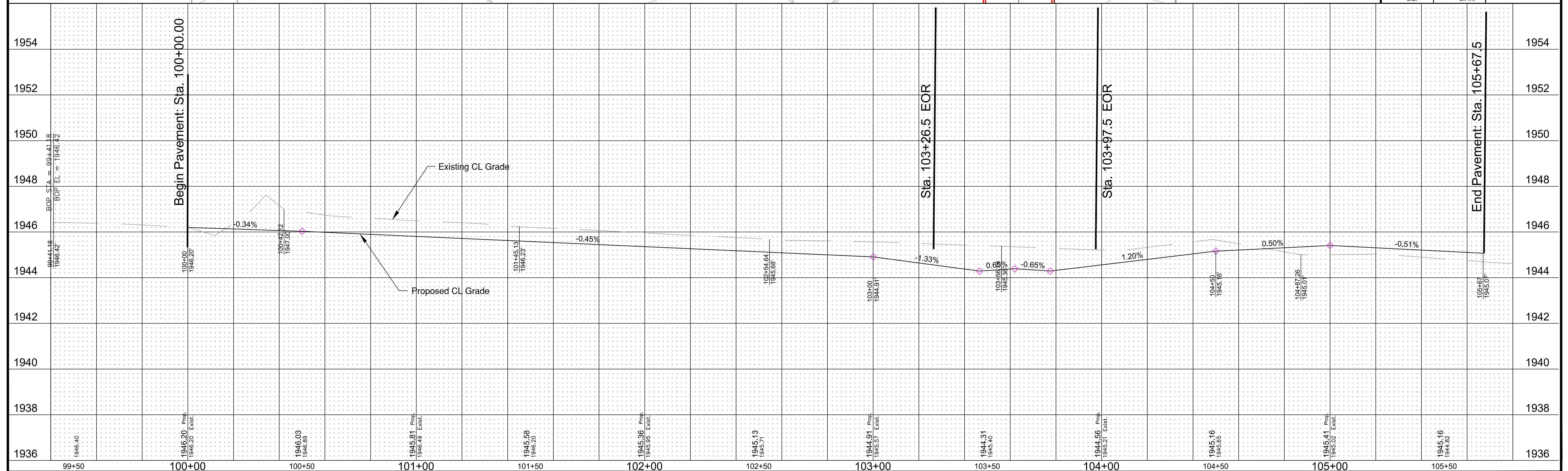
REMOVE CONCRETE HEADER		
Station to Station	Side	Lin. Ft.
100+00.00	LT & RT	31.0

ADJUST MANHOLE TO GRADE		
Station	Side	Each
100+63+91.6	CL	1.0

BUILD CONCRETE HEADER		
Station to Station	Side	Lin. Ft.
105+67.5	LT & RT	31.0



		CITY OF HASTINGS, ENGINEERING DEPT.			
Project					
LOCHLAND MEADOWS SUB.#17 PAVING PLANS					
Proj. No.		SID 2925-1			
Description					
Plan and Profile Construction Sheet					
Design By	B.B.	Date	03/2025	Contractor	
Drawn by	B.B.	Approved by	S.P.R.	Dtn. No.	4 of 21

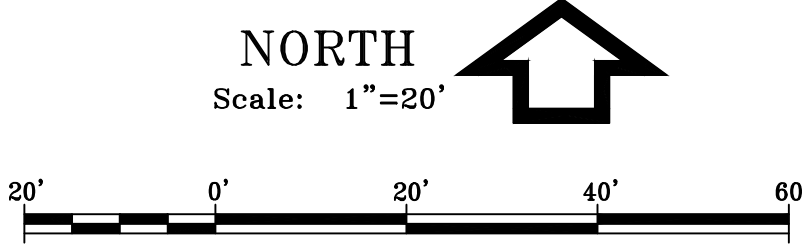
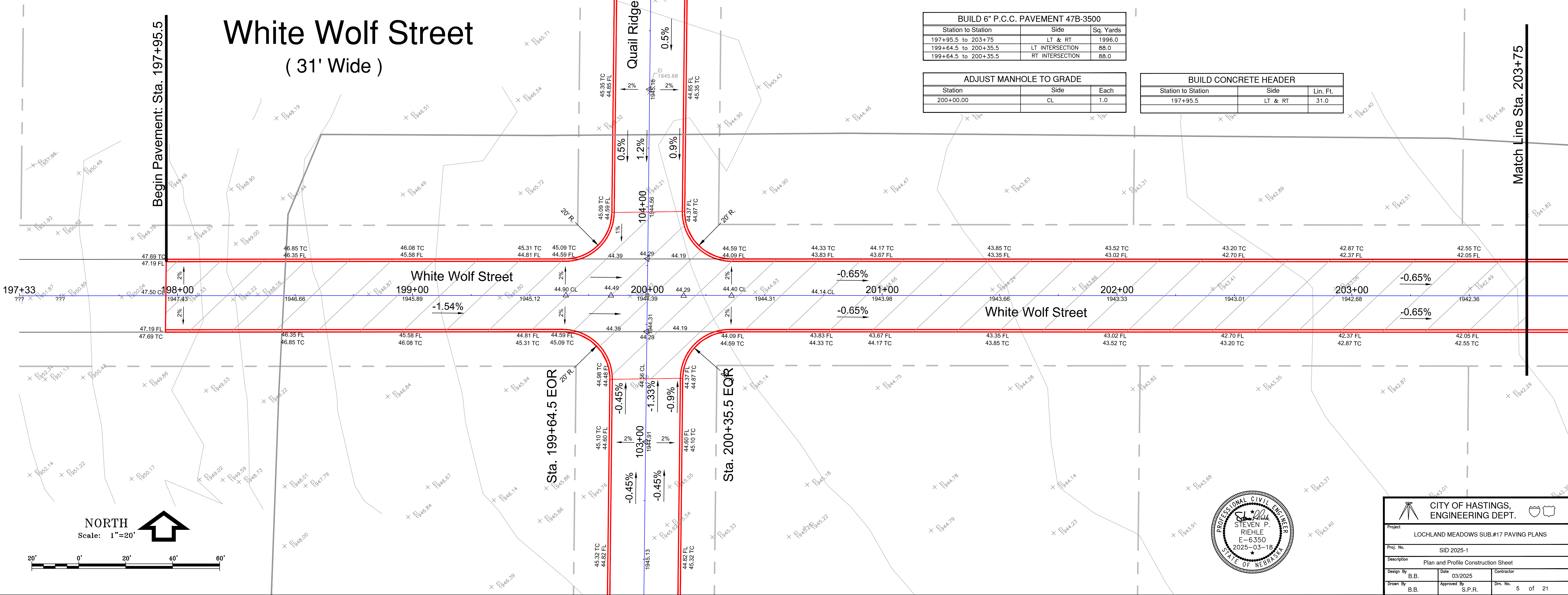


White Wolf Street
(31' Wide)

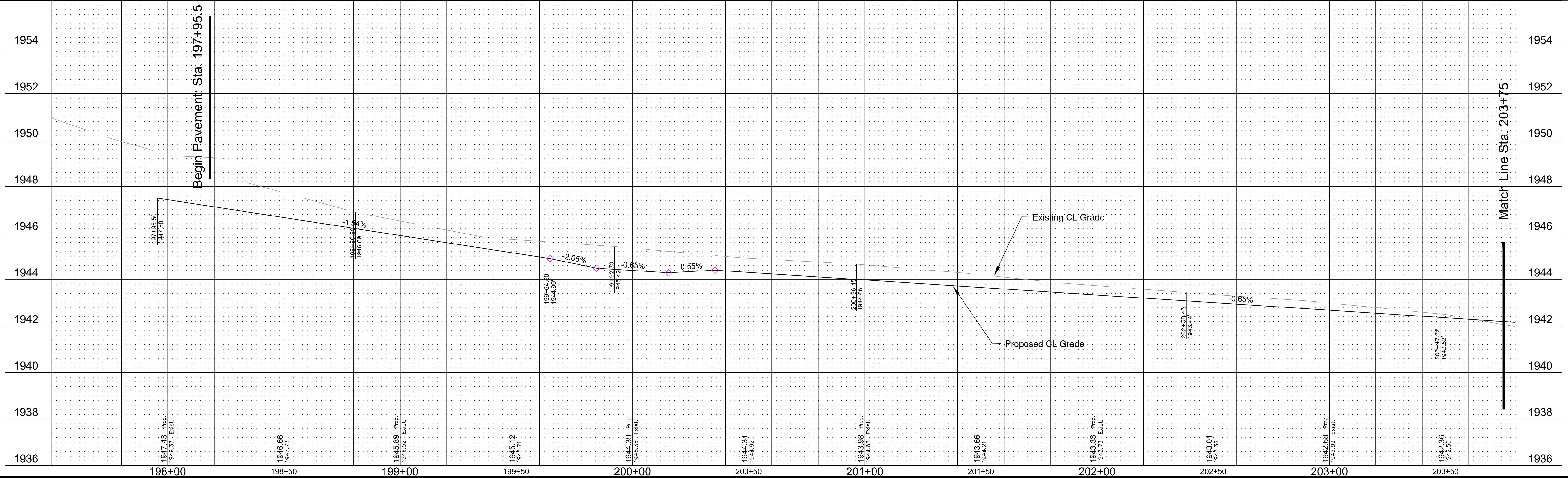
BUILD 6" P.C.C. PAVEMENT 47B-3500		
Station to Station	Side	Sq. Yards
197+95.5 to 203+75	LT & RT	1996.0
199+64.5 to 200+35.5	LT INTERSECTION	88.0
199+64.5 to 200+35.5	RT INTERSECTION	88.0

ADJUST MANHOLE TO GRADE		
Station	Side	Each
200+00.00	CL	1.0

BUILD CONCRETE HEADER		
Station to Station	Side	Lin. Ft.
197+95.5	LT & RT	31.0



CITY OF HASTINGS, ENGINEERING DEPT.			
Project	LOCHLAND MEADOWS SUB.#17 PAVING PLANS		
Proj. No.	SID 2025-1		
Description	Plan and Profile Construction Sheet		
Design By	B.B.	Date	03/2025
Drawn By	B.B.	Approved By	S.P.R.
Contractor			
Dim. No.	5	of	21



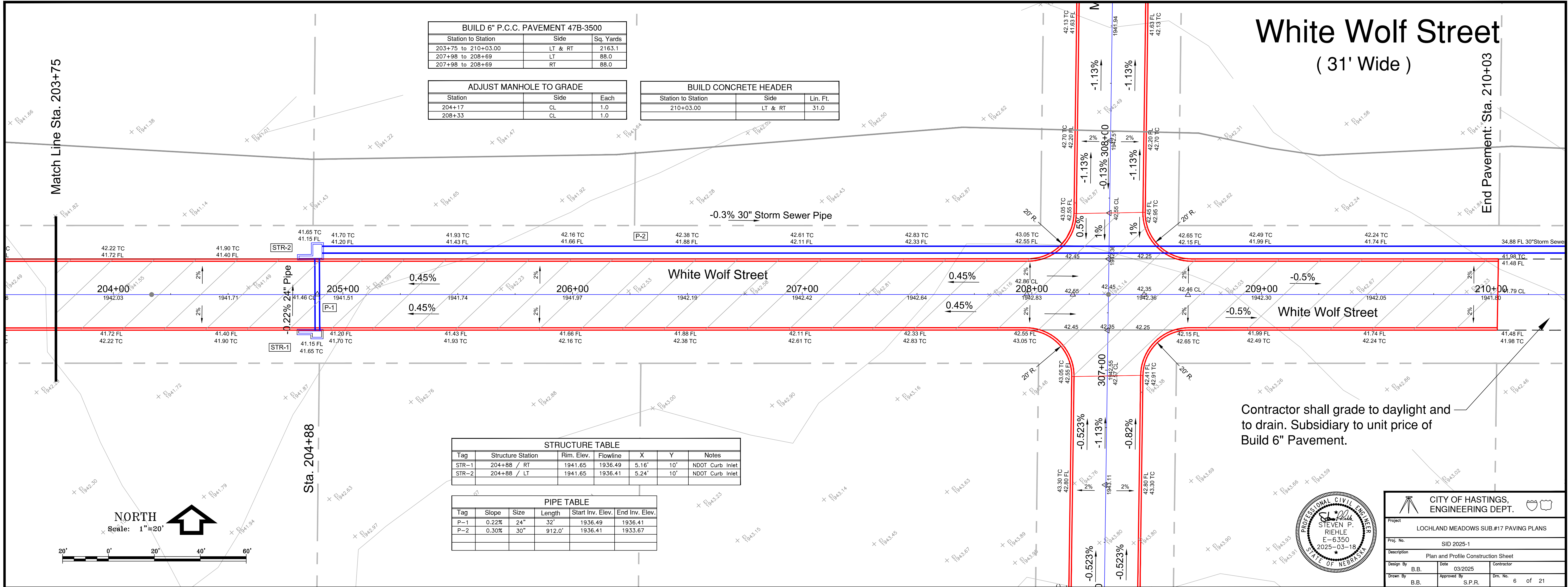
White Wolf Street

(31' Wide)

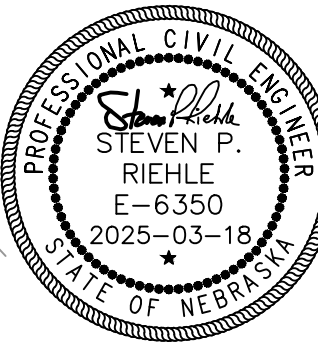
BUILD 6" P.C.C. PAVEMENT 47B-3500		
Station to Station	Side	Sq. Yards
203+75 to 210+03.00	LT & RT	2163.1
207+98 to 208+69	LT	88.0
207+98 to 208+69	RT	88.0

ADJUST MANHOLE TO GRADE		
Station	Side	Each
204+17	CL	1.0
208+33	CL	1.0

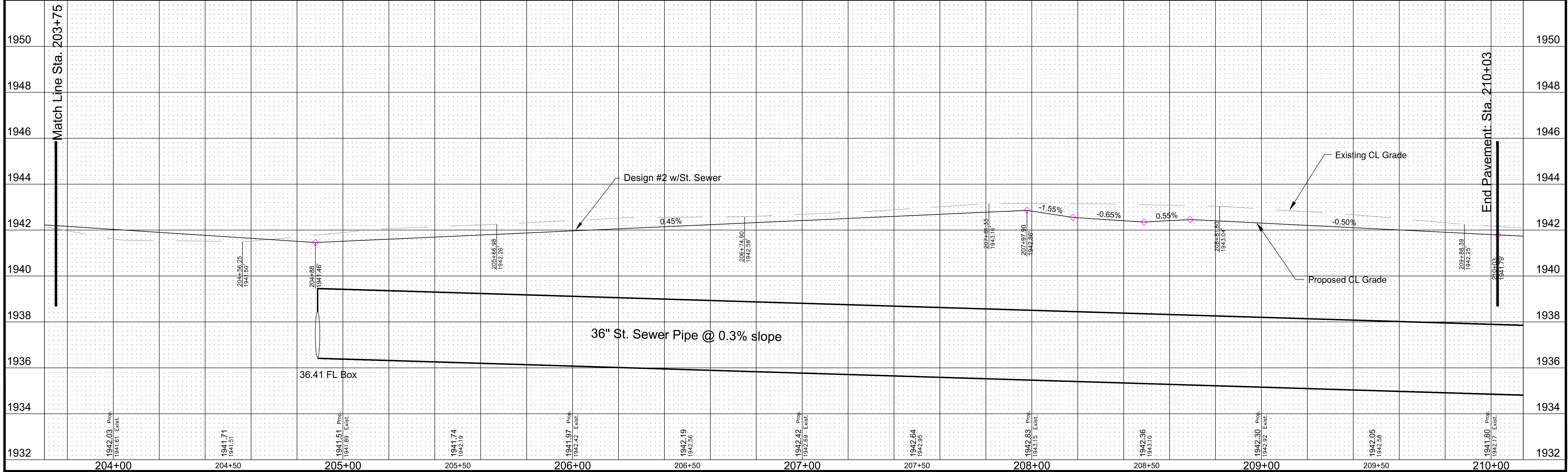
BUILD CONCRETE HEADER		
Station to Station	Side	Lin. Ft.
210+03.00	LT & RT	31.0



Contractor shall grade to daylight and to drain. Subsidiary to unit price of Build 6" Pavement.



CITY OF HASTINGS, ENGINEERING DEPT.			
Project	LOCHLAND MEADOWS SUB.#17 PAVING PLANS		
Proj. No.	SID 2025-1		
Description	Plan and Profile Construction Sheet		
Design By	B.B.	Date	03/2025
Drawn By	B.B.	Approved By	S.P.R.
Contractor			
Dim. No.	6	of	21

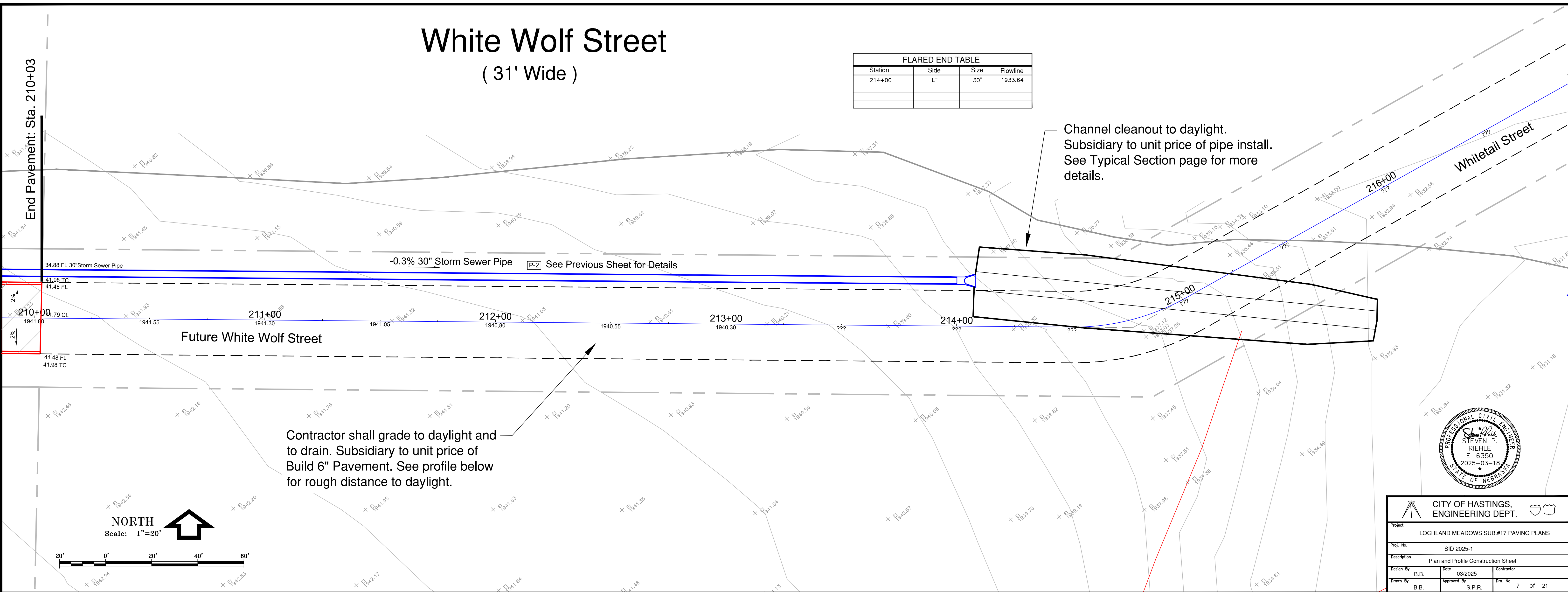


White Wolf Street

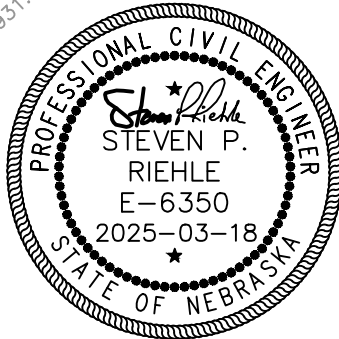
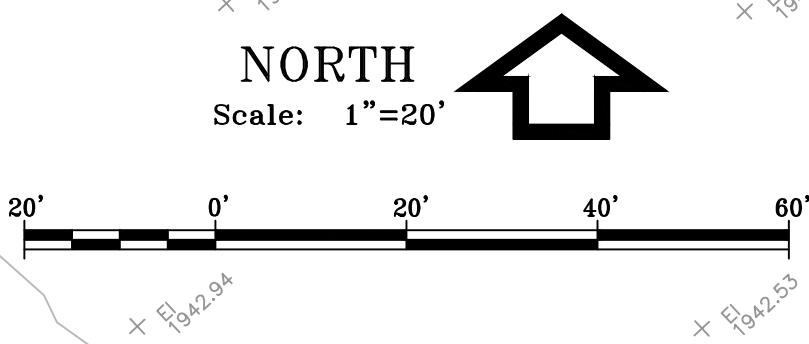
(31' Wide)

FLARED END TABLE			
Station	Side	Size	Flowline
214+00	LT	30"	1933.64

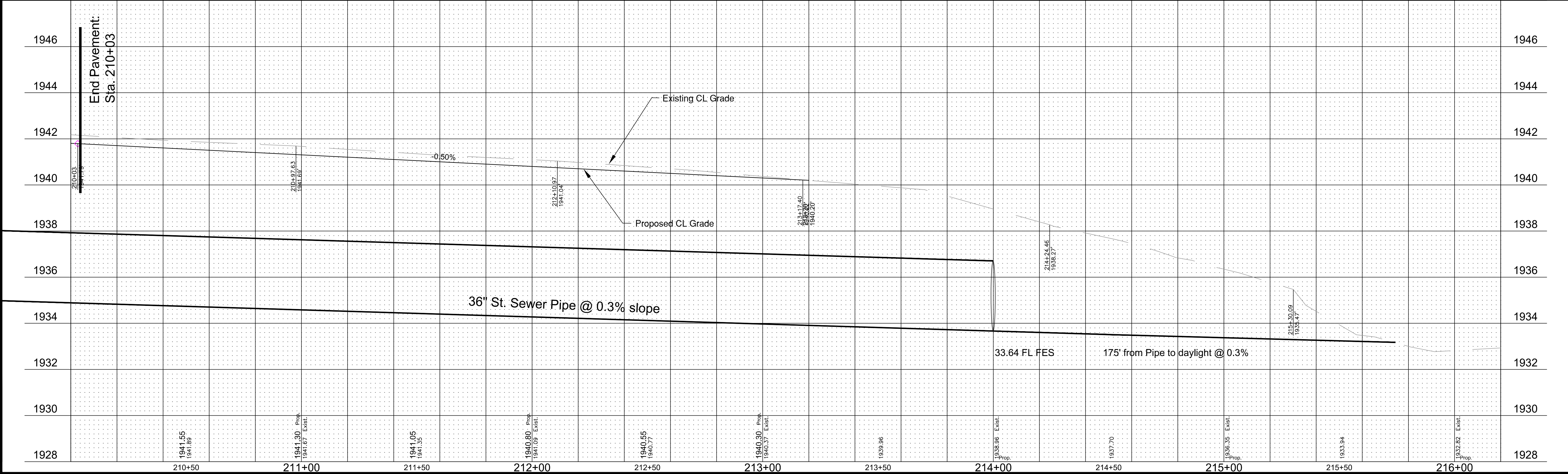
Channel cleanout to daylight.
Subsidiary to unit price of pipe install.
See Typical Section page for more details.



Contractor shall grade to daylight and to drain. Subsidiary to unit price of Build 6" Pavement. See profile below for rough distance to daylight.



CITY OF HASTINGS, ENGINEERING DEPT.			
Project LOCHLAND MEADOWS SUB.#17 PAVING PLANS			
Proj. No. SID 2025-1			
Description Plan and Profile Construction Sheet			
Design By B.B.	Date 03/2025	Contractor	
Drawn By B.B.	Approved By S.P.R.	Dim. No.	7 of 21



Mallard Way Ave

(31' Wide)

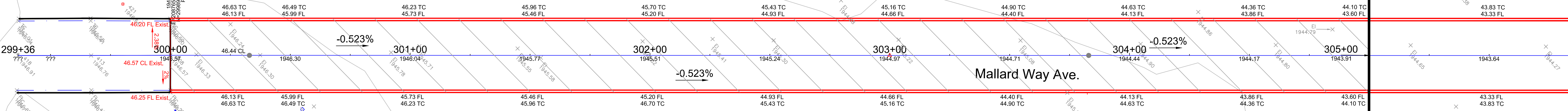
BUILD 6" P.C.C. PAVEMENT 47B-3500		
Station to Station	Side	Sq. Yards
300+00 to 305+00	LT & RT	1722.2

ADJUST MANHOLE TO GRADE		
Station	Side	Each
300+33	CL	1.0
300+83	CL	1.0

REMOVE CONCRETE HEADER		
Station to Station	Side	Lin. Ft.
300+00	LT & RT	31.0

Begin Pavement: Sta. 300+00

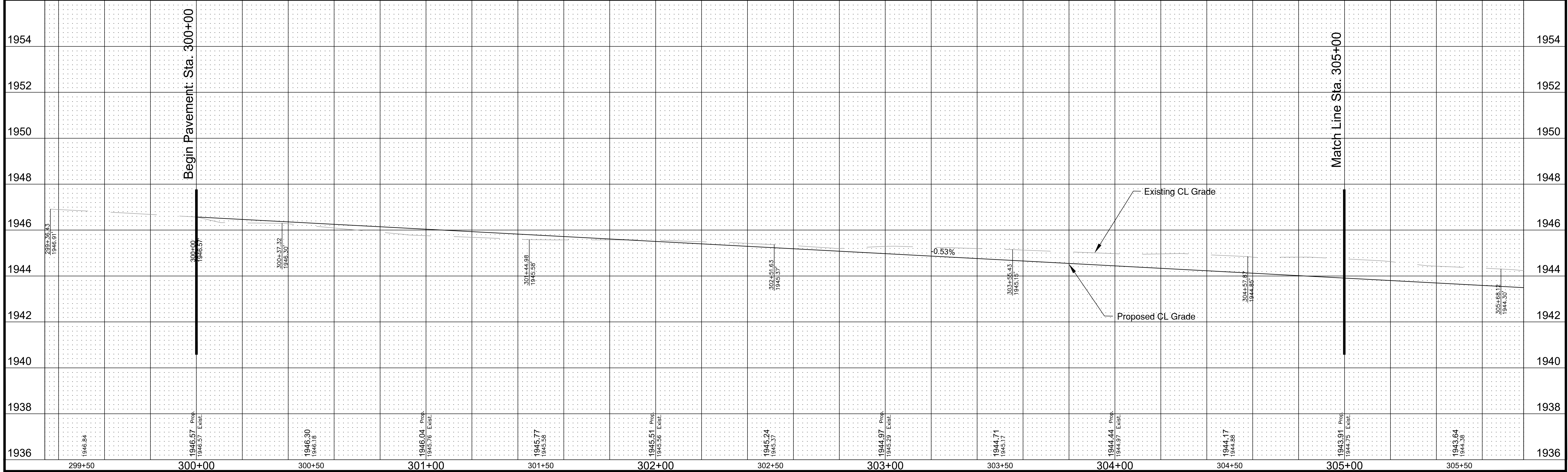
Match Line Sta. 305+00



NORTH
Scale: 1"=20'



CITY OF HASTINGS, ENGINEERING DEPT.		
Project	LOCHLAND MEADOWS SUB.#17 PAVING PLANS	
Proj. No.	SID 2025-1	
Description	Plan and Profile Construction Sheet	
Design By	B.B.	Date 03/2025
Drawn By	B.B.	Approved By S.P.R.
Contractor	Bm. No. 8 of 21	



Mallard Way Ave

(31' Wide)

Match Line Sta. 305+00

Sta. 306+97.5 EOR

Sta. 307+68.5 EOR

End Pavement: Sta. 309+38

BUILD 6" P.C.C. PAVEMENT 47B-3500		
Station to Station	Side	Sq. Yards
305+00 to 306+97.5	LT & RT	680.3
307+68.5 to 309+38.0	LT & RT	583.8

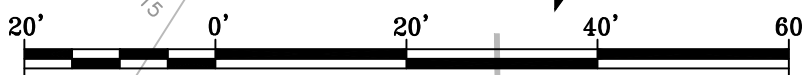
BUILD CONCRETE HEADER		
Station to Station	Side	Lin. Ft.
309+38	LT & RT	31.0

Mallard Way Ave.

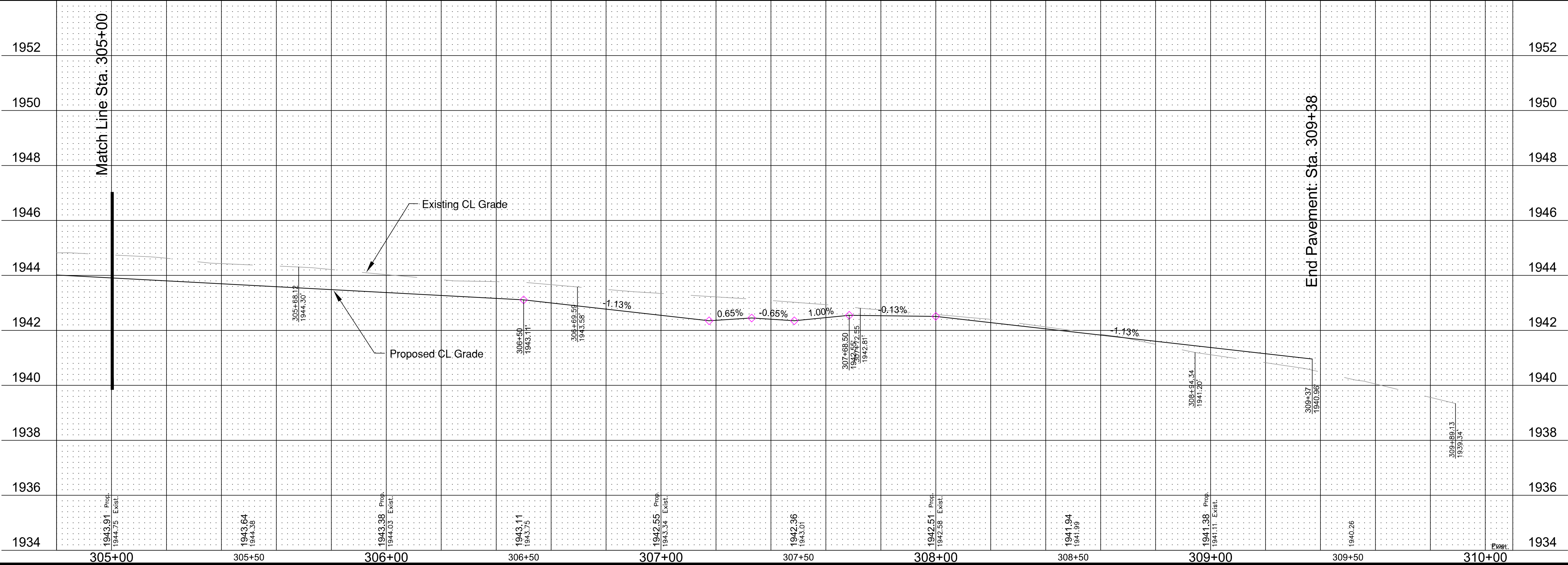
White Wolf Street



NORTH
Scale: 1"=20'

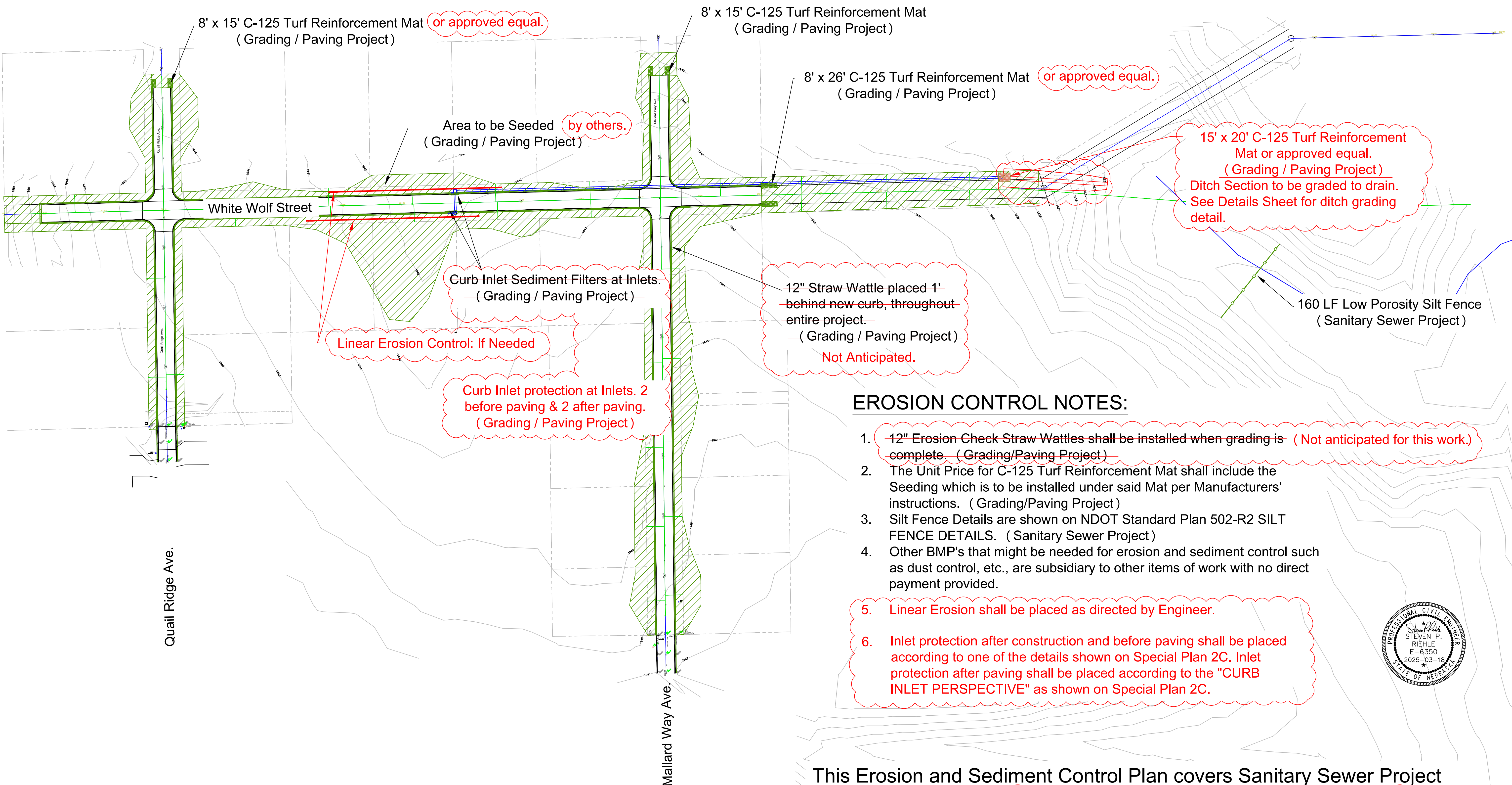


CITY OF HASTINGS, ENGINEERING DEPT.		
Project LOCHLAND MEADOWS SUB.#17 PAVING PLANS		
Proj. No. SID 2025-1		
Description Plan and Profile Construction Sheet		
Design By B.B.	Date 03/2025	Contractor
Drawn By B.B.	Approved By S.P.R.	Dim. No. 9 of 21



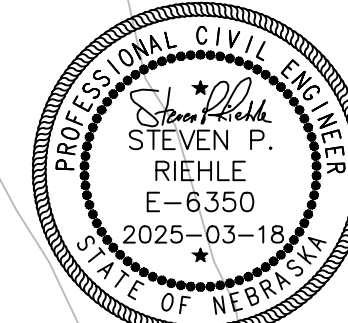
EROSION & SEDIMENT CONTROL PLAN for Lochland Meadows 17th Addition.

Scale: 1" = 80'

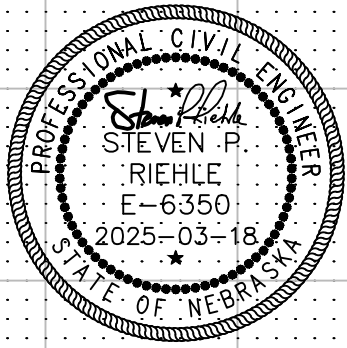
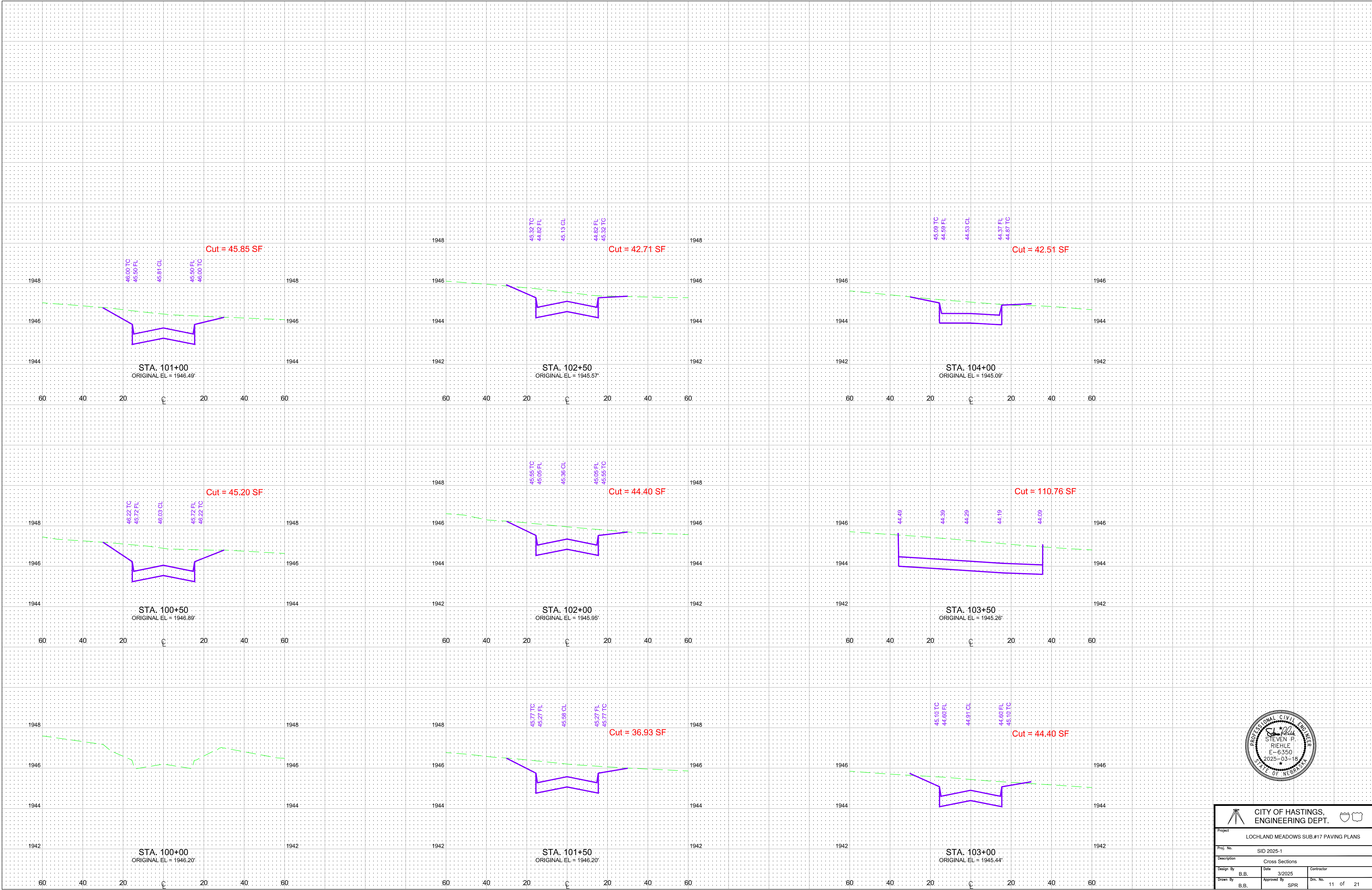


EROSION CONTROL NOTES:

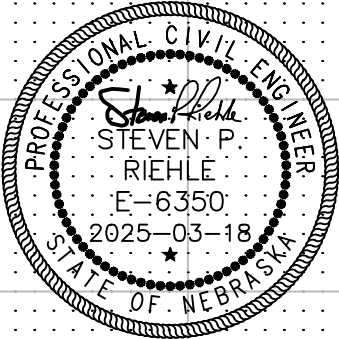
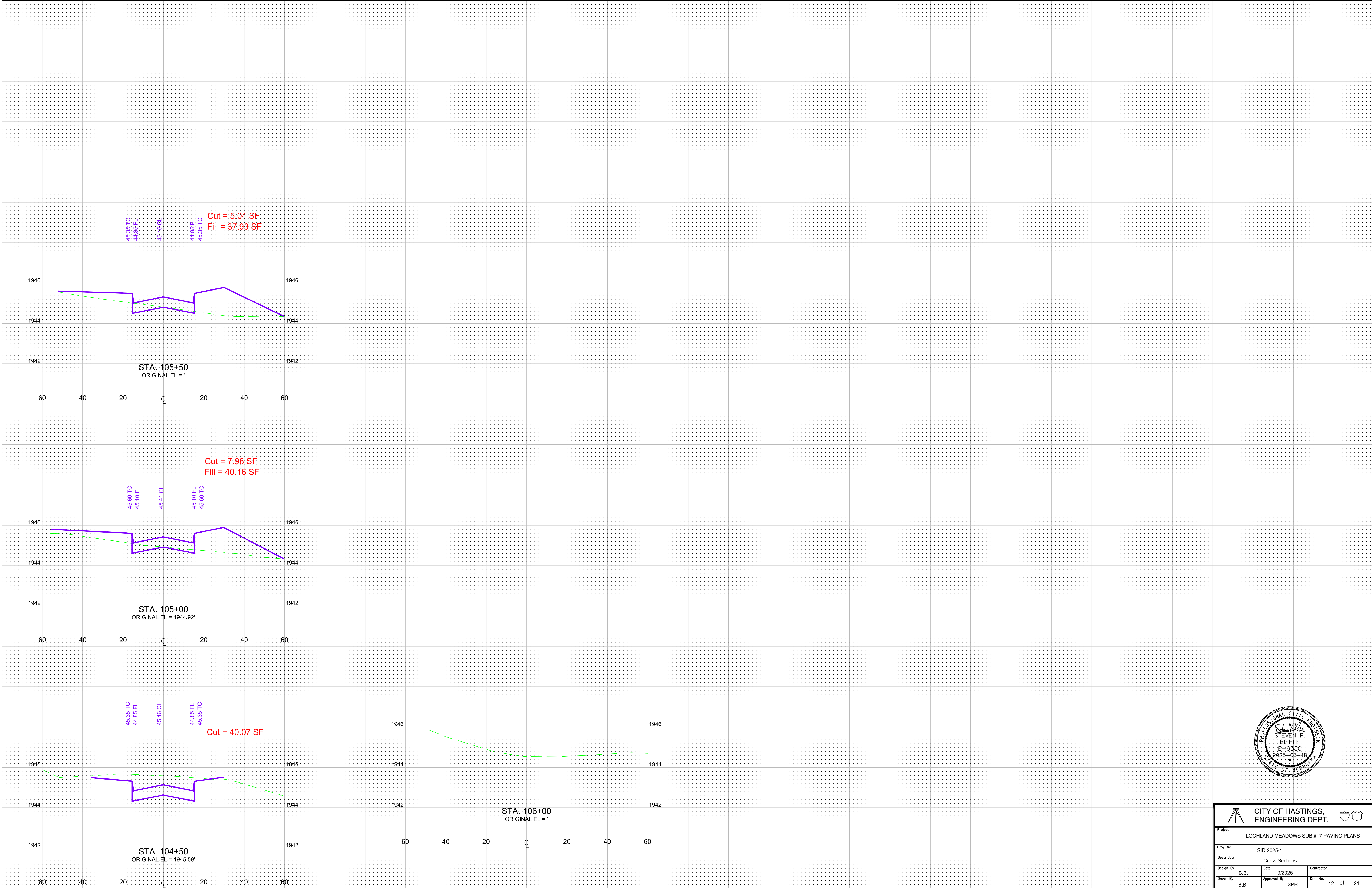
- 12" Erosion Check Straw Wattles shall be installed when grading is complete. (Grading/Paving Project) (Not anticipated for this work.)
- The Unit Price for C-125 Turf Reinforcement Mat shall include the Seeding which is to be installed under said Mat per Manufacturers' instructions. (Grading/Paving Project)
- Silt Fence Details are shown on NDOT Standard Plan 502-R2 SILT FENCE DETAILS. (Sanitary Sewer Project)
- Other BMP's that might be needed for erosion and sediment control such as dust control, etc., are subsidiary to other items of work with no direct payment provided.
- Linear Erosion shall be placed as directed by Engineer.
- Inlet protection after construction and before paving shall be placed according to one of the details shown on Special Plan 2C. Inlet protection after paving shall be placed according to the "CURB INLET PERSPECTIVE" as shown on Special Plan 2C.



This Erosion and Sediment Control Plan covers Sanitary Sewer Project that will start in 2024 with Grading / Paving and Water Projects afterward. and in 2025.



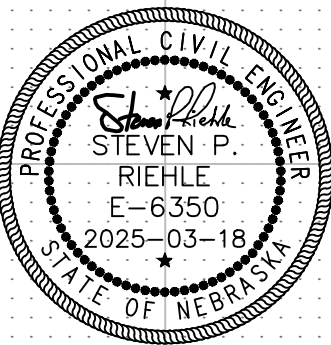
CITY OF HASTINGS, ENGINEERING DEPT.		
Project LOCHLAND MEADOWS SUB.#17 PAVING PLANS		
Proj. No. SID 2025-1		
Description Cross Sections		
Design By B.B.	Date 3/2025	Contractor
Drawn By B.B.	Approved By SPR	Dwn. No. 11 of 21



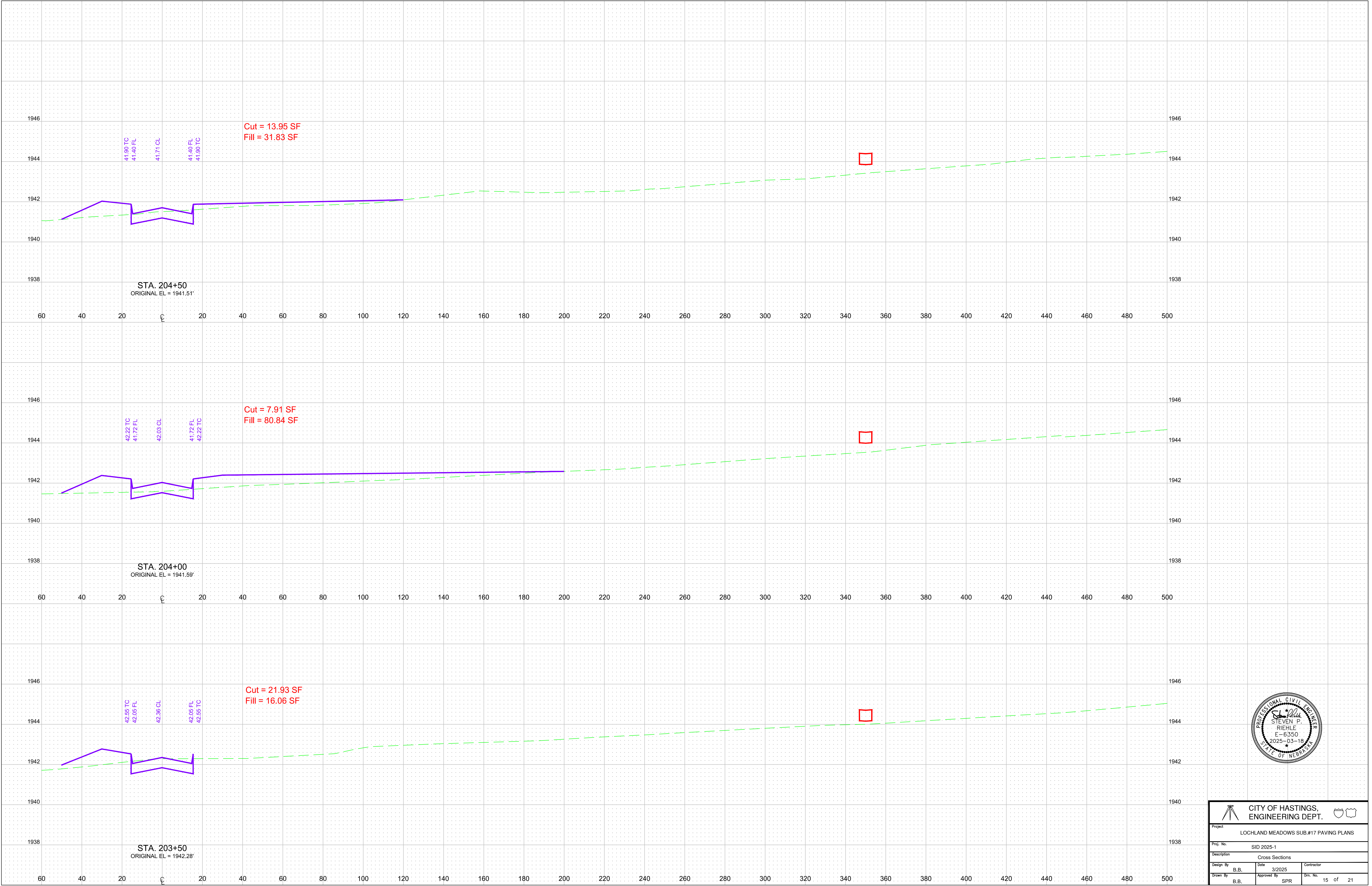
		CITY OF HASTINGS, ENGINEERING DEPT.		 	
Project LOCHLAND MEADOWS SUB.#17 PAVING PLANS					
Proj. No. SID 2025-1					
Description Cross Sections					
Design By B.B.		Date 3/2025		Contractor	
Drawn By B.B.		Approved By SPR		Sht. No. 12 of 21	



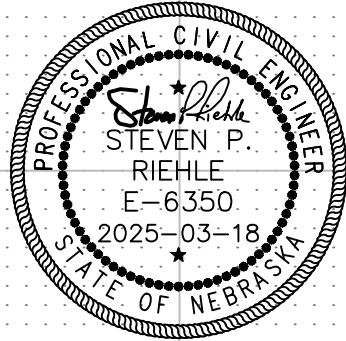
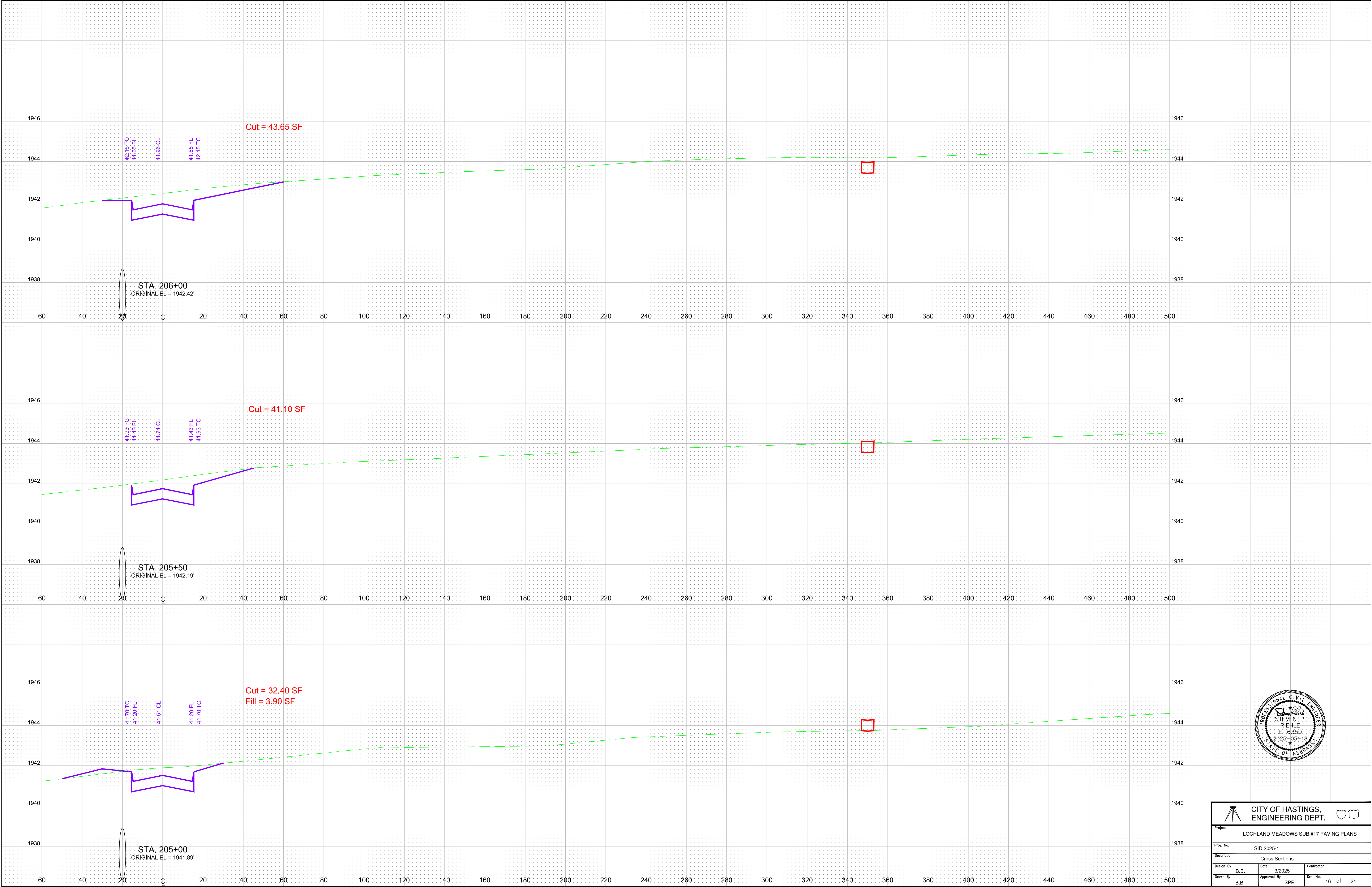
CITY OF HASTINGS, ENGINEERING DEPT.		
Project LOCHLAND MEADOWS SUB.#17 PAVING PLANS		
Proj. No. SID 2025-1		
Description Cross Sections		
Design By B.B.	Date 3/2025	Contractor
Drawn By B.B.	Approved By SPR	Dwn. No. 13 of 21

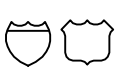


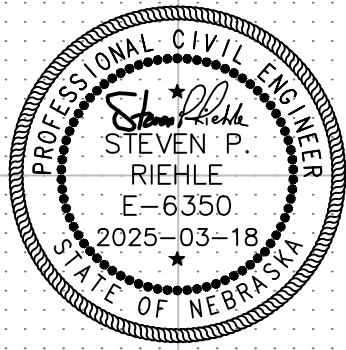
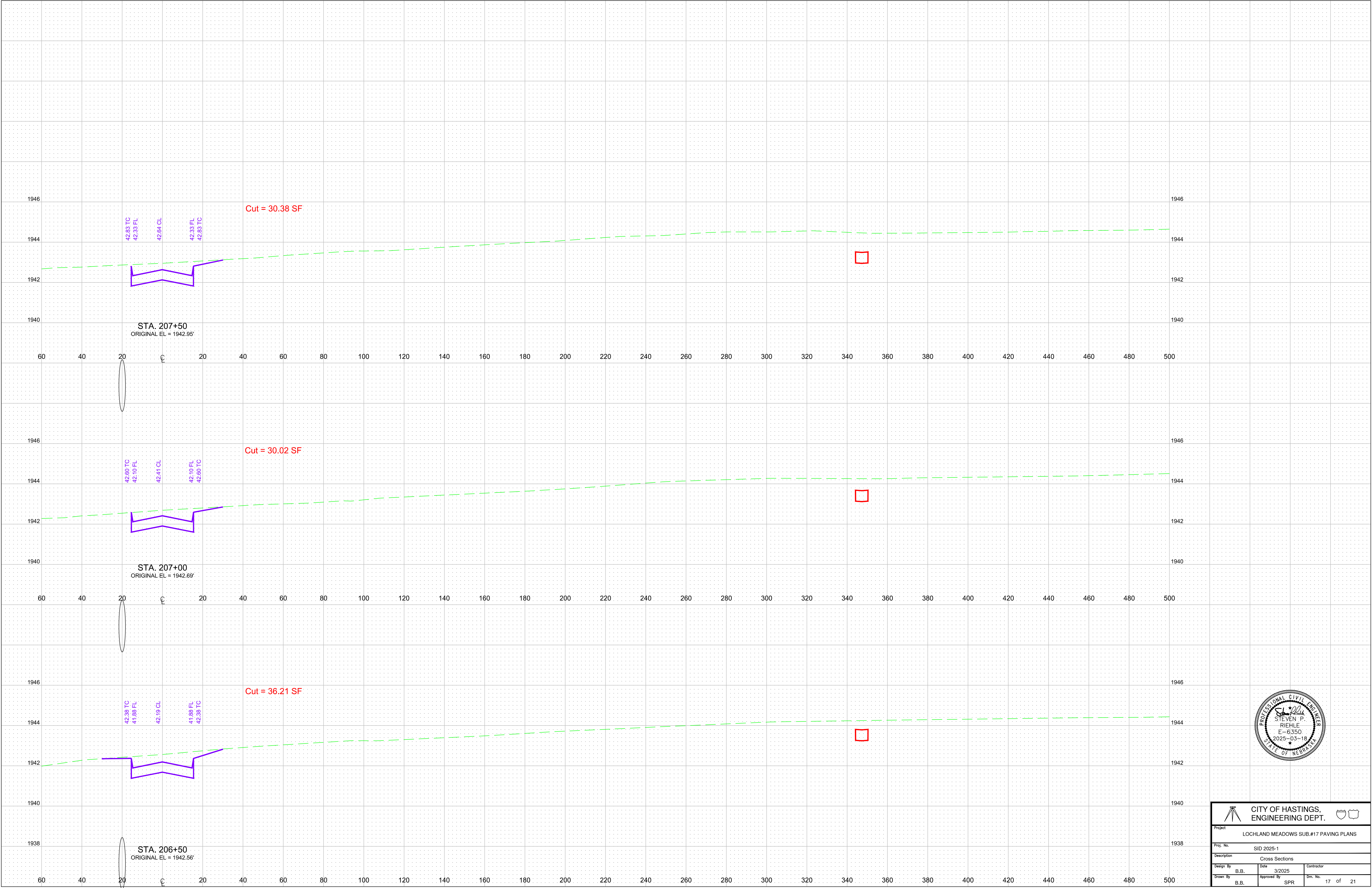
CITY OF HASTINGS, ENGINEERING DEPT.	
Project LOCHLAND MEADOWS SUB.#17 PAVING PLANS	
Proj. No. SID 2025-1	
Description Cross Sections	
Design By B.B.	Date 3/2025
Drawn By B.B.	Approved By SPR
Em. No. 14 of 21	



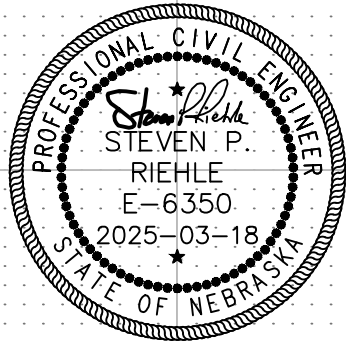
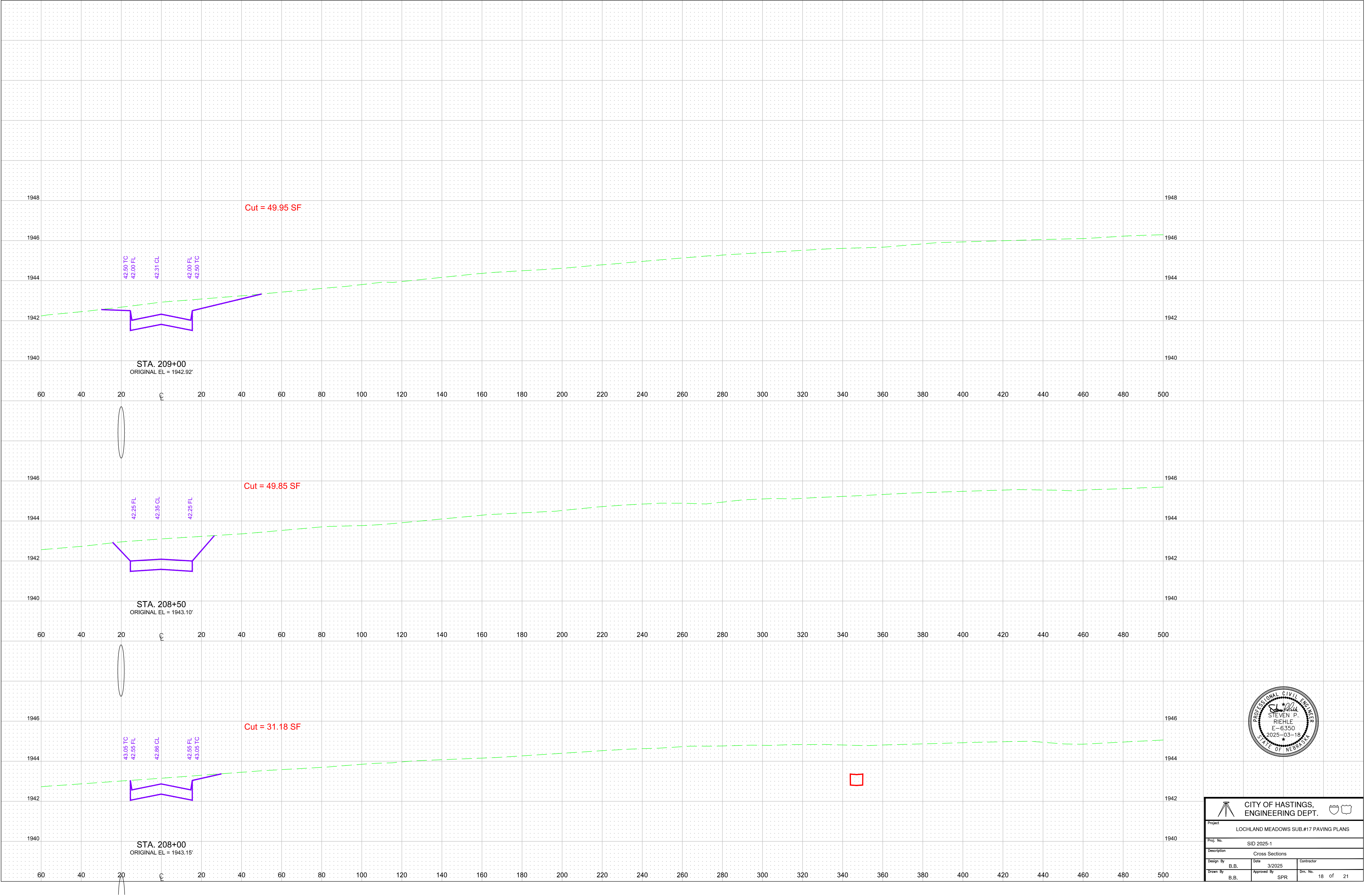
CITY OF HASTINGS, ENGINEERING DEPT.		
Project: LOCHLAND MEADOWS SUB.#17 PAVING PLANS		
Proj. No. SID 2025-1		
Description: Cross Sections		
Design By: B.B.	Date: 3/2025	Contractor:
Drawn By: B.B.	Approved By: SPR	Dwn. No. 15 of 21



 CITY OF HASTINGS, ENGINEERING DEPT. 			
Project LOCHLAND MEADOWS SUB.#17 PAVING PLANS			
Proj. No. SID 2025-1		Description Cross Sections	
Design By B.B.	Date 3/2025	Contractor	
Drawn By B.B.	Approved By SPR	Dm. No. 16 of 21	



CITY OF HASTINGS, ENGINEERING DEPT.		
Project LOCHLAND MEADOWS SUB.#17 PAVING PLANS		
Proj. No. SID 2025-1		
Description Cross Sections		
Design By B.B.	Date 3/2025	Contractor
Drawn By B.B.	Approved By SPR	Dim. No. 17 of 21





CITY OF HASTINGS,
ENGINEERING DEPT.



Project

LOCHLAND MEADOWS SUB.#17 PAVING PLANS

Proj. No.

SID 2025-1

Description

Cross Sections

Design By

B.B.

Date

3/2025

Contractor

Drawn By

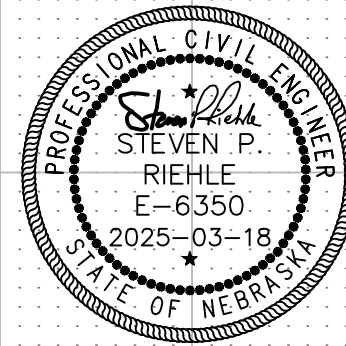
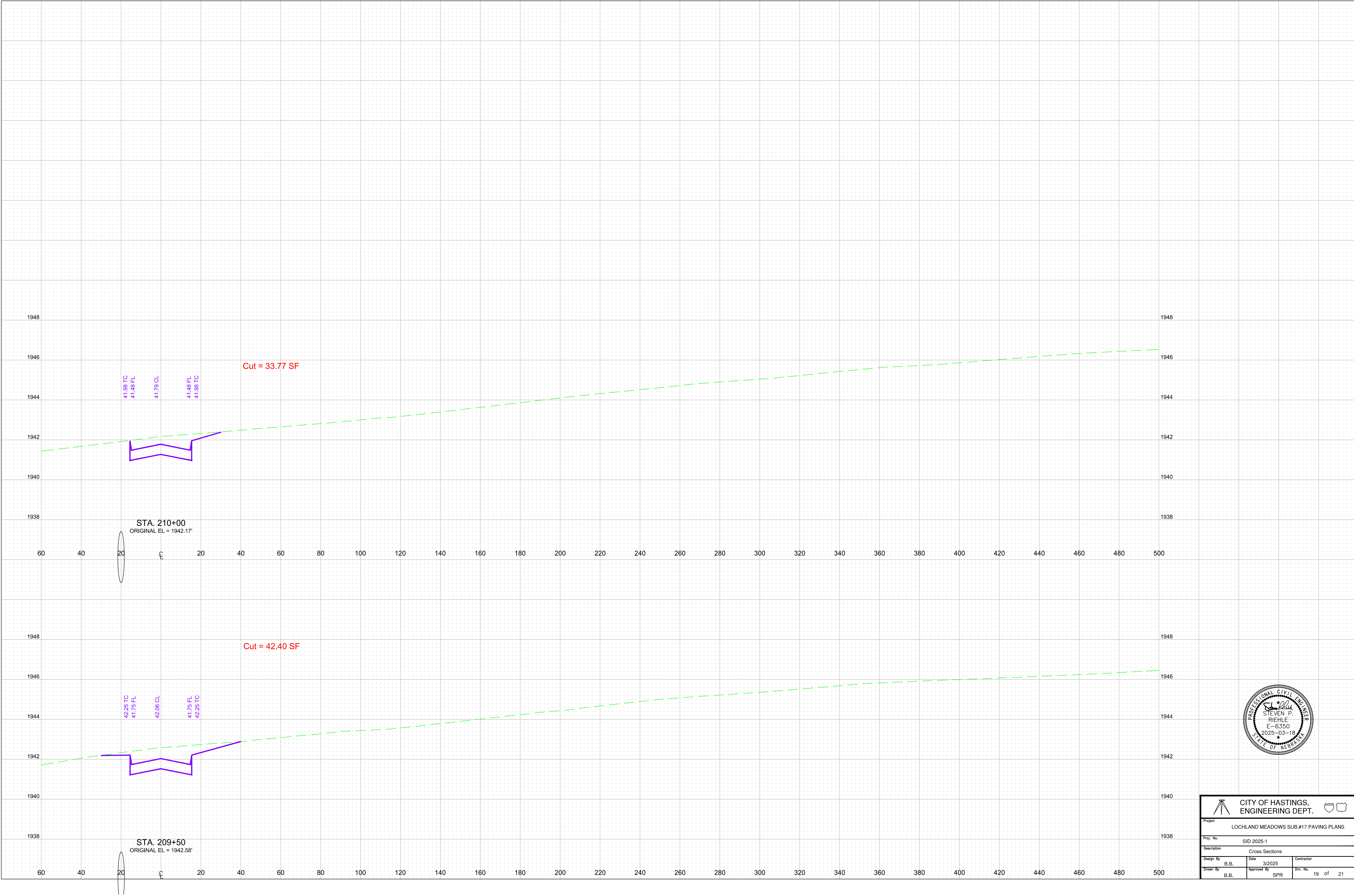
B.B.

Approved By

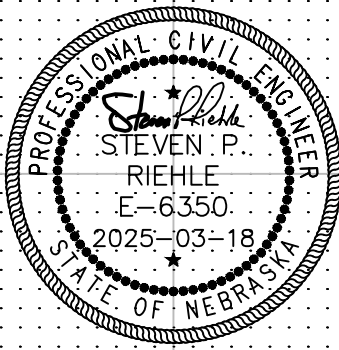
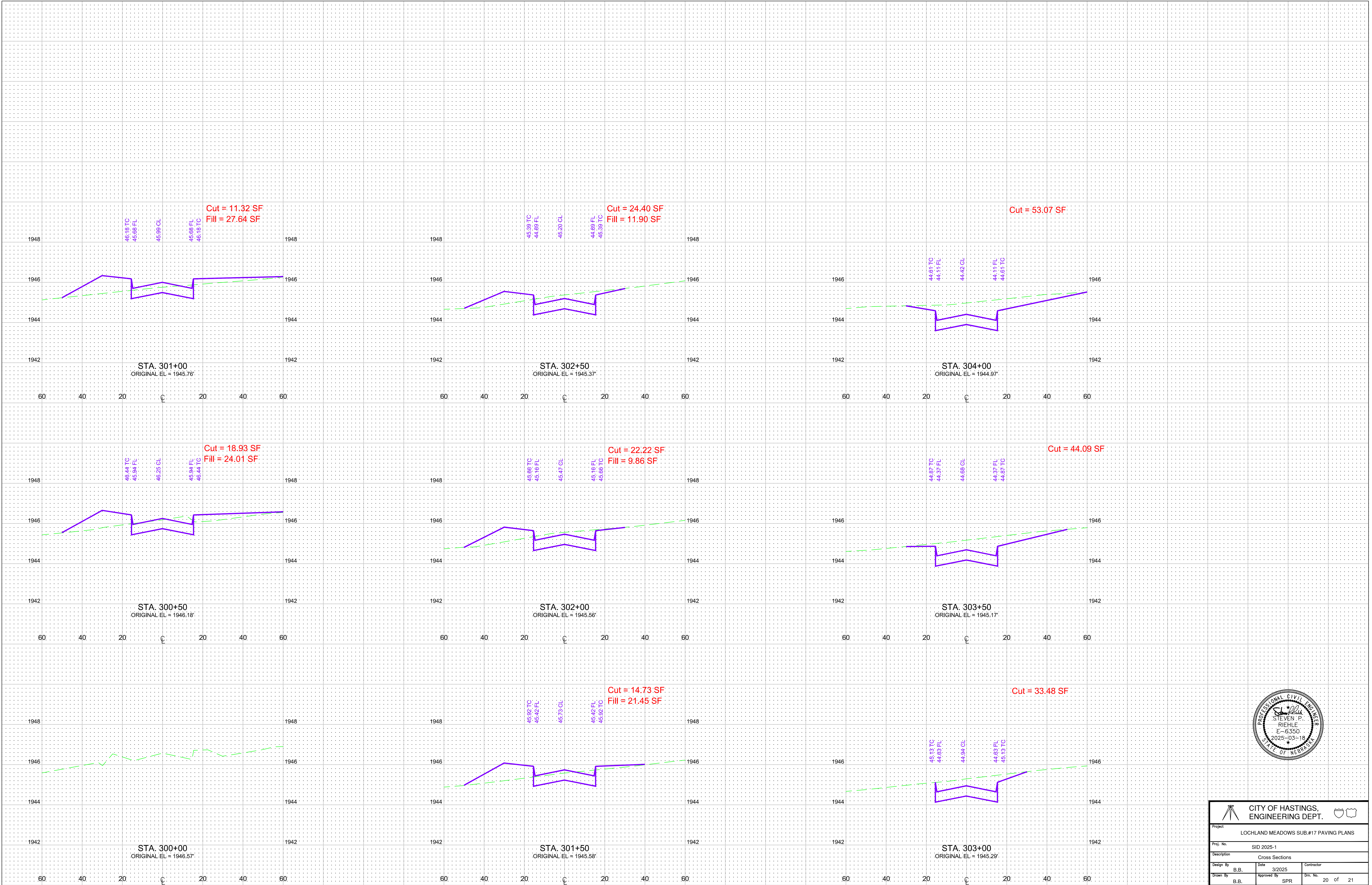
SPR

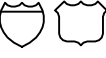
Dwn. No.

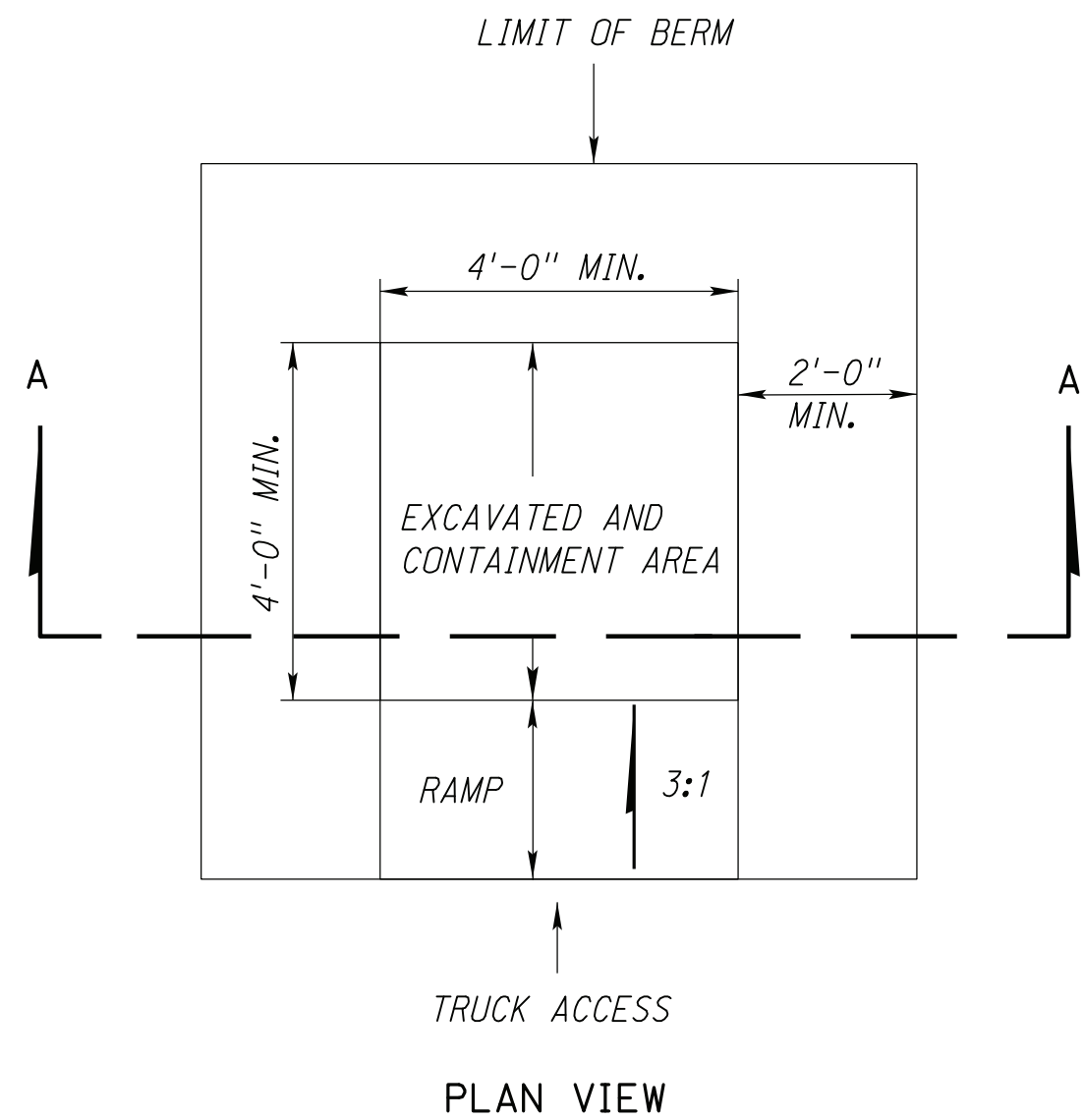
18 of 21



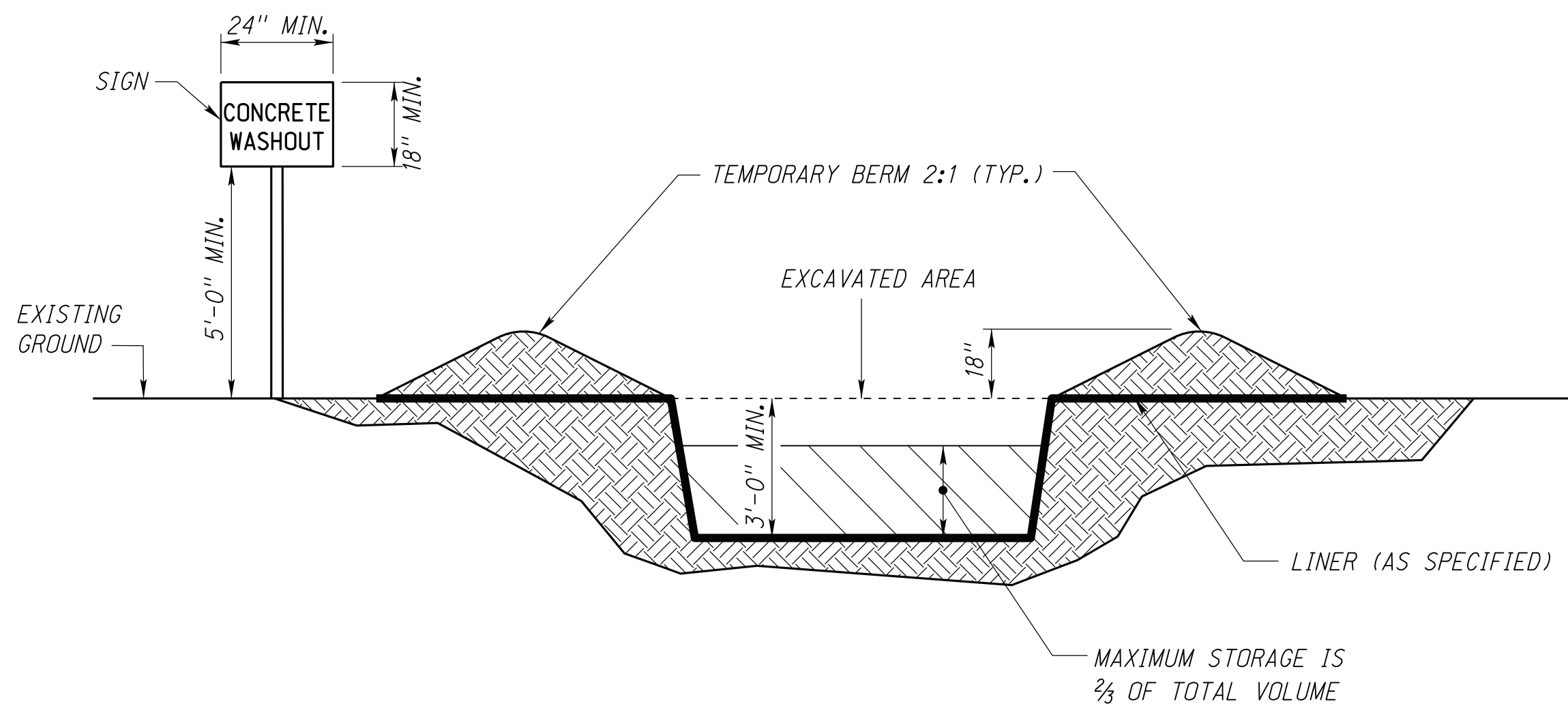
CITY OF HASTINGS, ENGINEERING DEPT.		
Project LOCHLAND MEADOWS SUB.#17 PAVING PLANS		
Proj. No. SID 2025-1		
Description Cross Sections		
Design By B.B.	Date 3/2025	Contractor
Drawn By B.B.	Approved By SPR	Dwn. No. 19 of 21



 CITY OF HASTINGS, ENGINEERING DEPT. 		
Project LOCHLAND MEADOWS SUB.#17 PAVING PLANS		
Proj. No. SID 2025-1		
Description Cross Sections		
Design By B.B.	Date 3/2025	Contractor
Drawn By B.B.	Approved By SPR	Dim. No. 20 of 21



PLAN VIEW



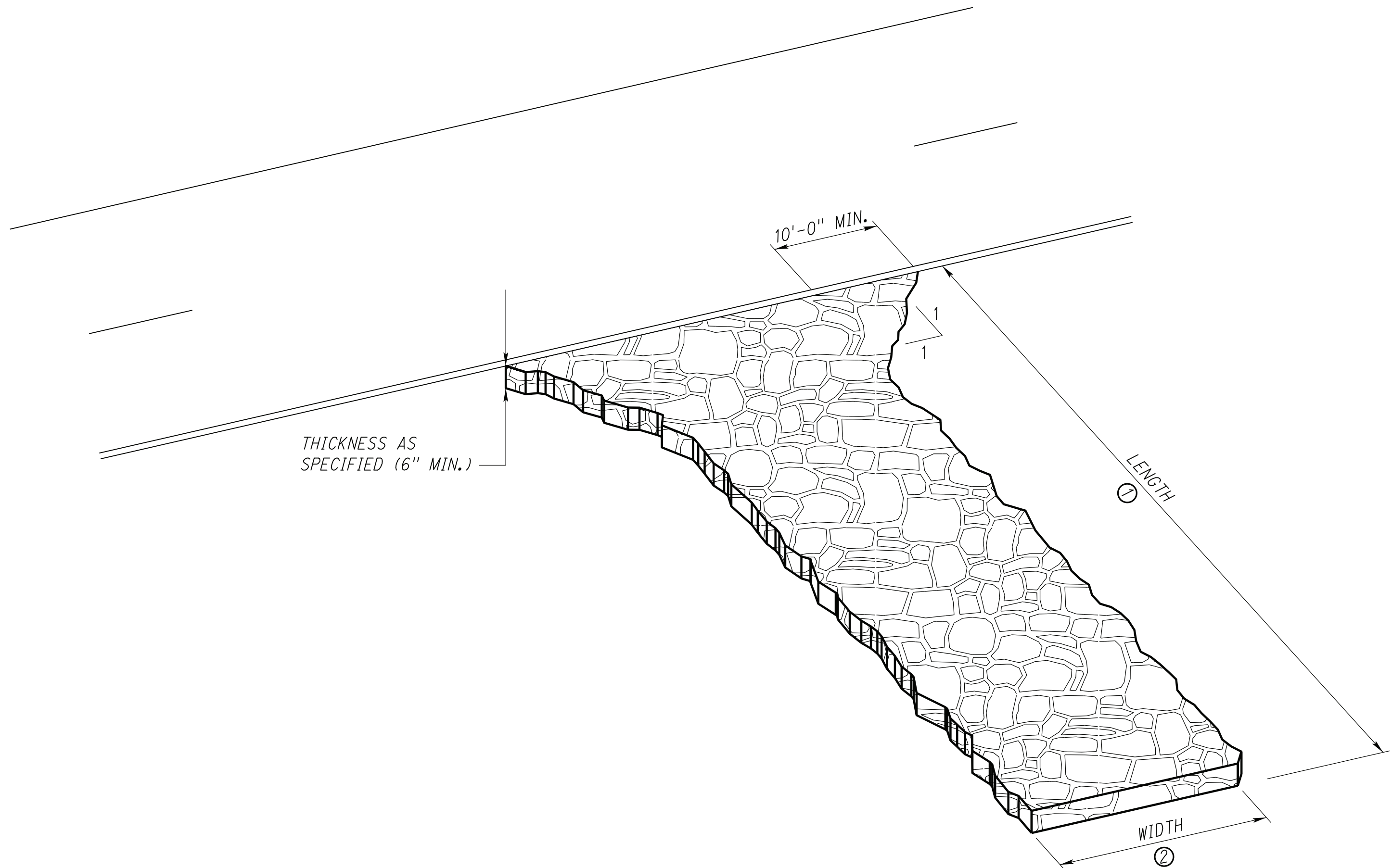
SECTION A-A

NOTES:
EROSION BALES MAY BE USED AS AN ALTERNATIVE FOR THE BERM AREA, EXCEPT AT THE OPENING.

THE CONCRETE WASHOUT SIGN SHALL HAVE LETTERS AT LEAST 3 INCHES HIGH.

STRUCTURE MUST BE LINED WITH MATERIAL NOTED IN SPECIAL PROVISIONS.

CONCRETE WASHOUT STRUCTURE



NOTES:

REMOVE VEGETATION AND EXCAVATE SOFT SOILS FROM EXIT AREA. THOROUGHLY COMPACT SUBGRADE PRIOR TO PLACING STONE.

INSTALL CULVERT UNDER EXIT IF NECESSARY TO MAINTAIN DRAINAGE.

GRADE EXIT TO PREVENT RUNOFF FROM FLOWING ONTO STREET. DIRECT ALL RUNOFF FROM EXIT TO A SEDIMENT RETENTION DEVICE.

WHEN SPECIFIED, INSTALL SUBGRADE STABILIZATION FABRIC PRIOR TO PLACING CRUSHED STONE.

INSTALL LAYER OF CRUSHED STONE TO THE THICKNESS (6 INCH MINIMUM) AND DIMENSIONS SPECIFIED.

① EXIT LENGTH: 30 FT. MINIMUM OR AS SPECIFIED. LENGTH OF EXIT MAY BE INCREASED IF SEDIMENT TRACK-OUT OCCURS.

② EXIT WIDTH: 20 FT. MINIMUM.

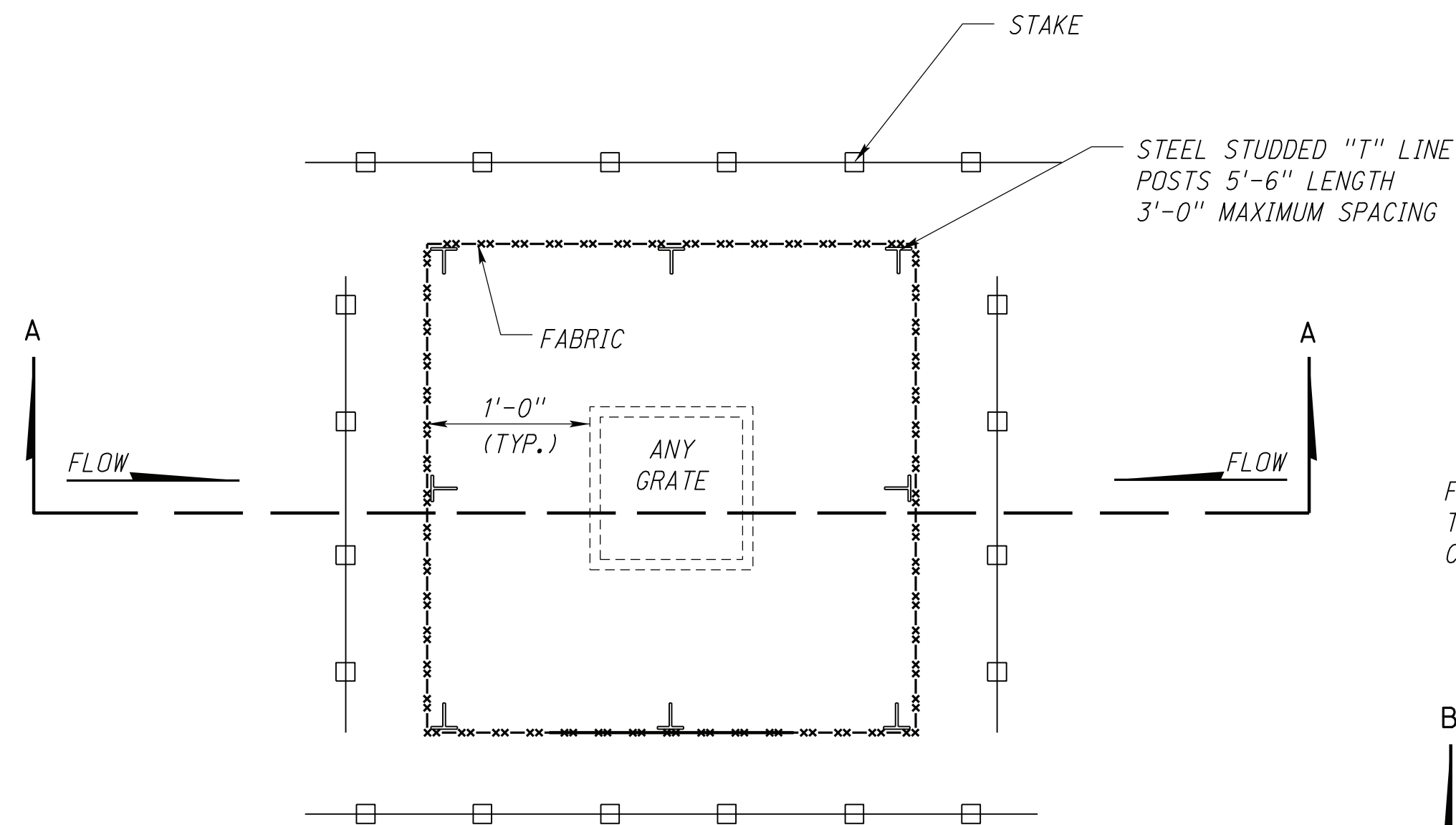
STABILIZED CONSTRUCTION EXIT



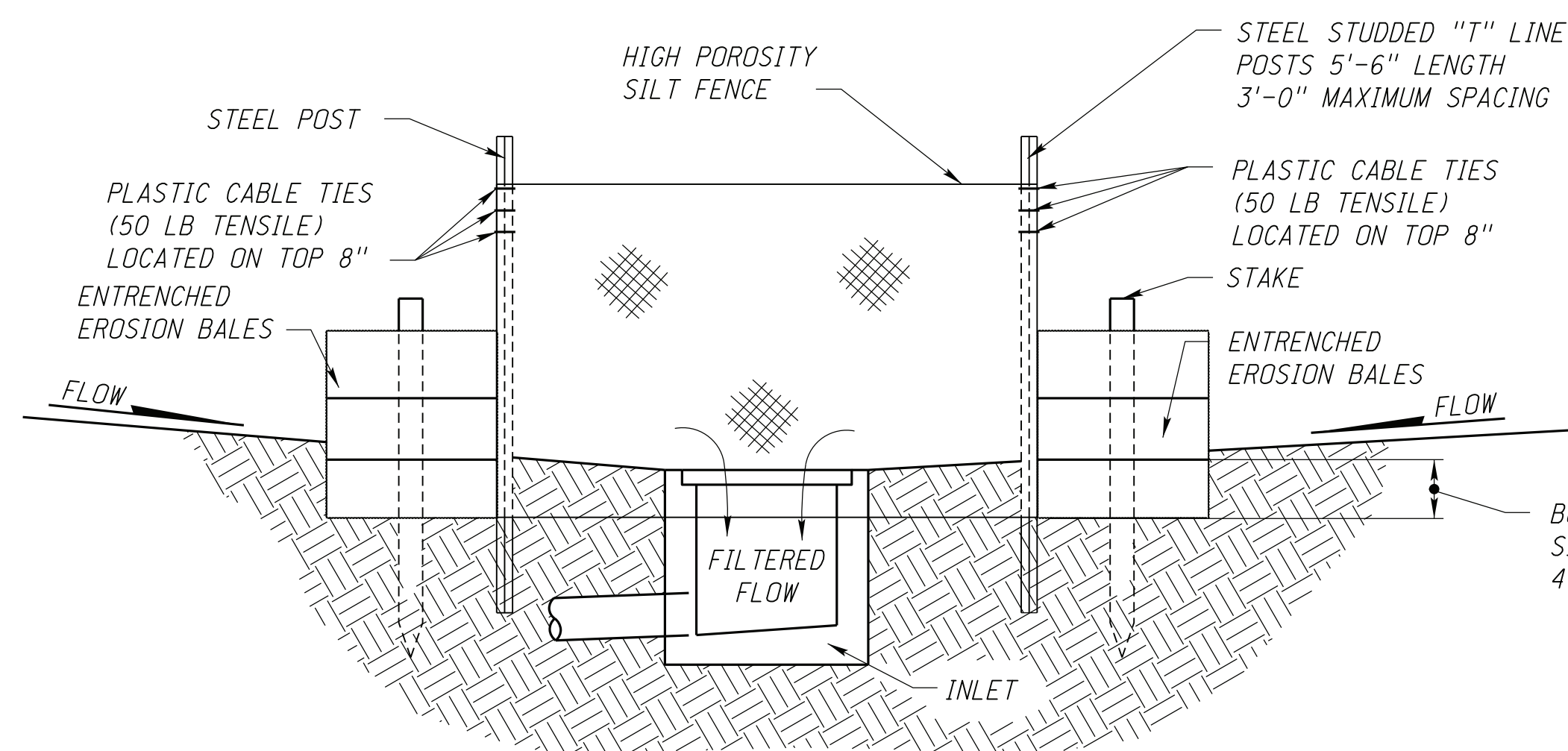
CONCRETE WASHOUT &
CONSTRUCTION EXIT

SHEET 1 OF 1

SPECIAL PLAN 1C



PLAN VIEW



SECTION A-A

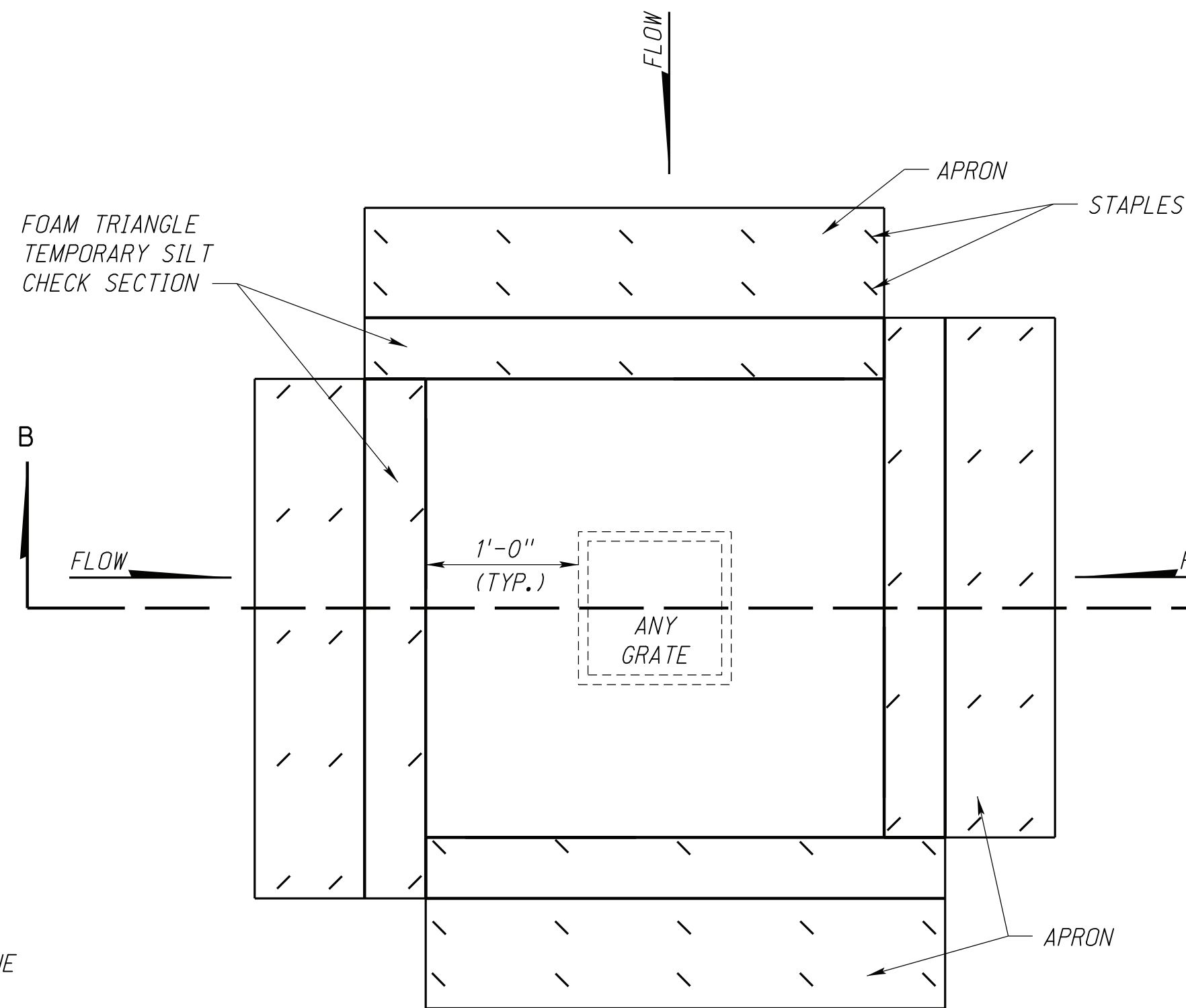
EROSION BALE AND SILT FENCE FILTER AT INLET

NOTES:

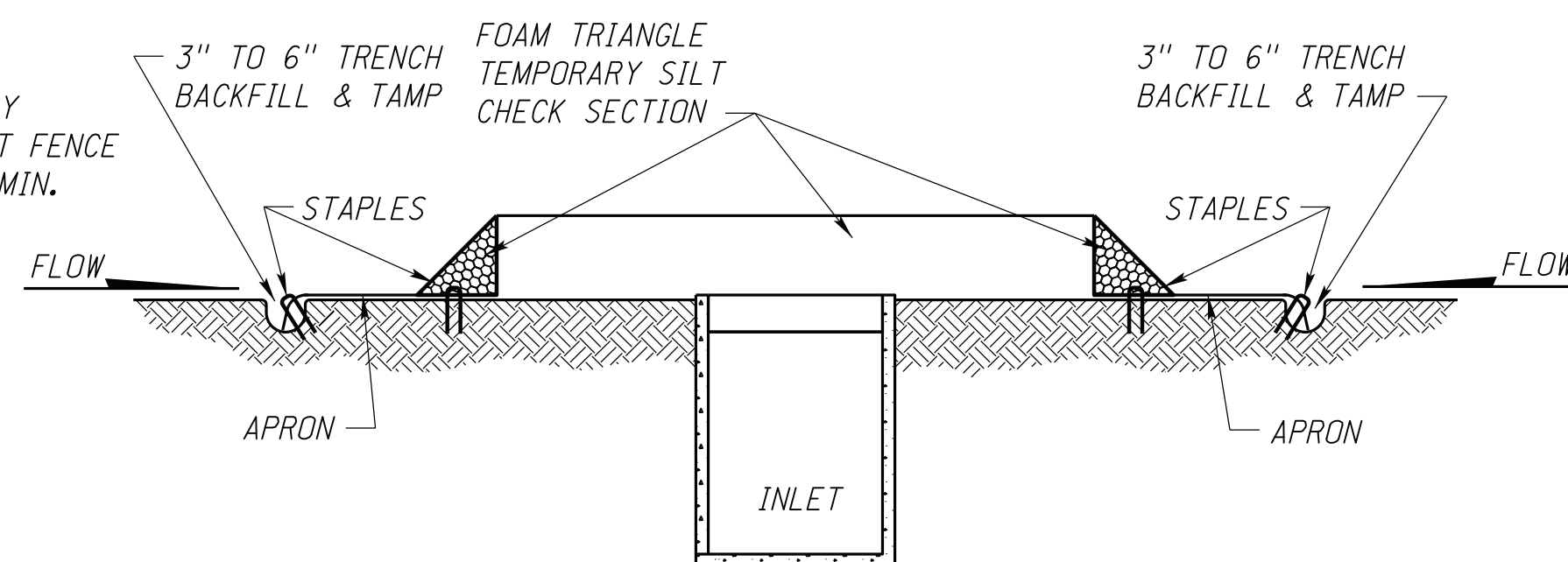
STAKES SHALL BE WOOD AND BE 2" x 2" x 3'-0" NOMINAL.

EROSION BALES SHALL BE 18" x 18" x 36".

EROSION BALES SHALL BE ENTRENCHED 4 INCH MINIMUM INTO THE SOIL, TIGHTLY ABUTTED WITH NO GAPS, STAKED, AND BACKFILLED AROUND THE ENTIRE OUTSIDE PERIMETER.

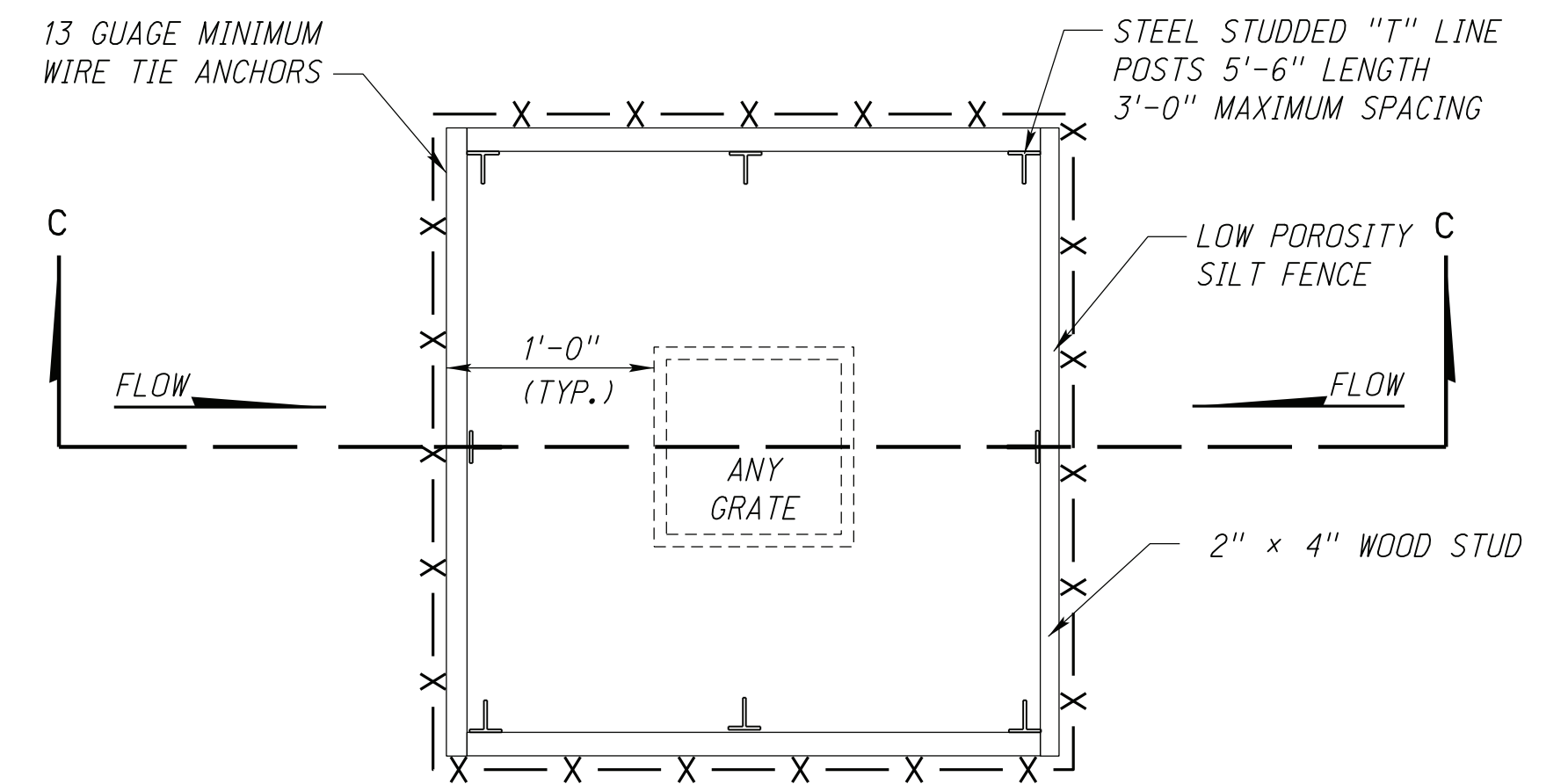


PLAN VIEW

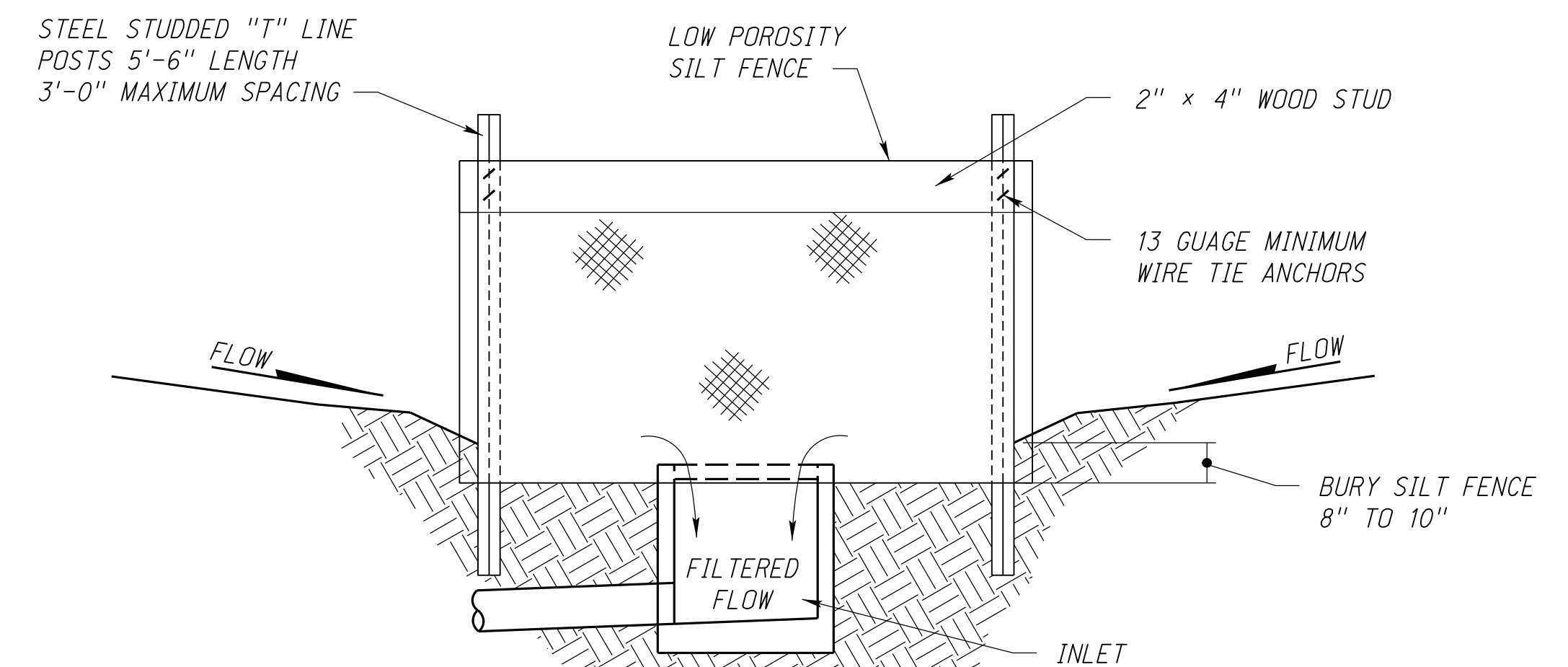


SECTION B-B

FOAM TRIANGLE FILTER AT INLET



PLAN VIEW



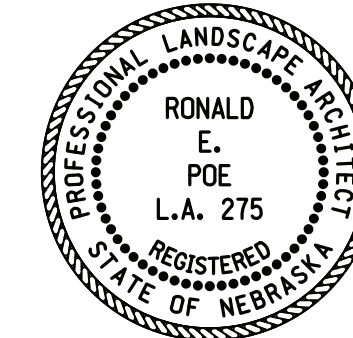
ELEVATION

SECTION C-C

SILT FENCE AND WOOD FRAME FILTER AT INLET

NOTES:

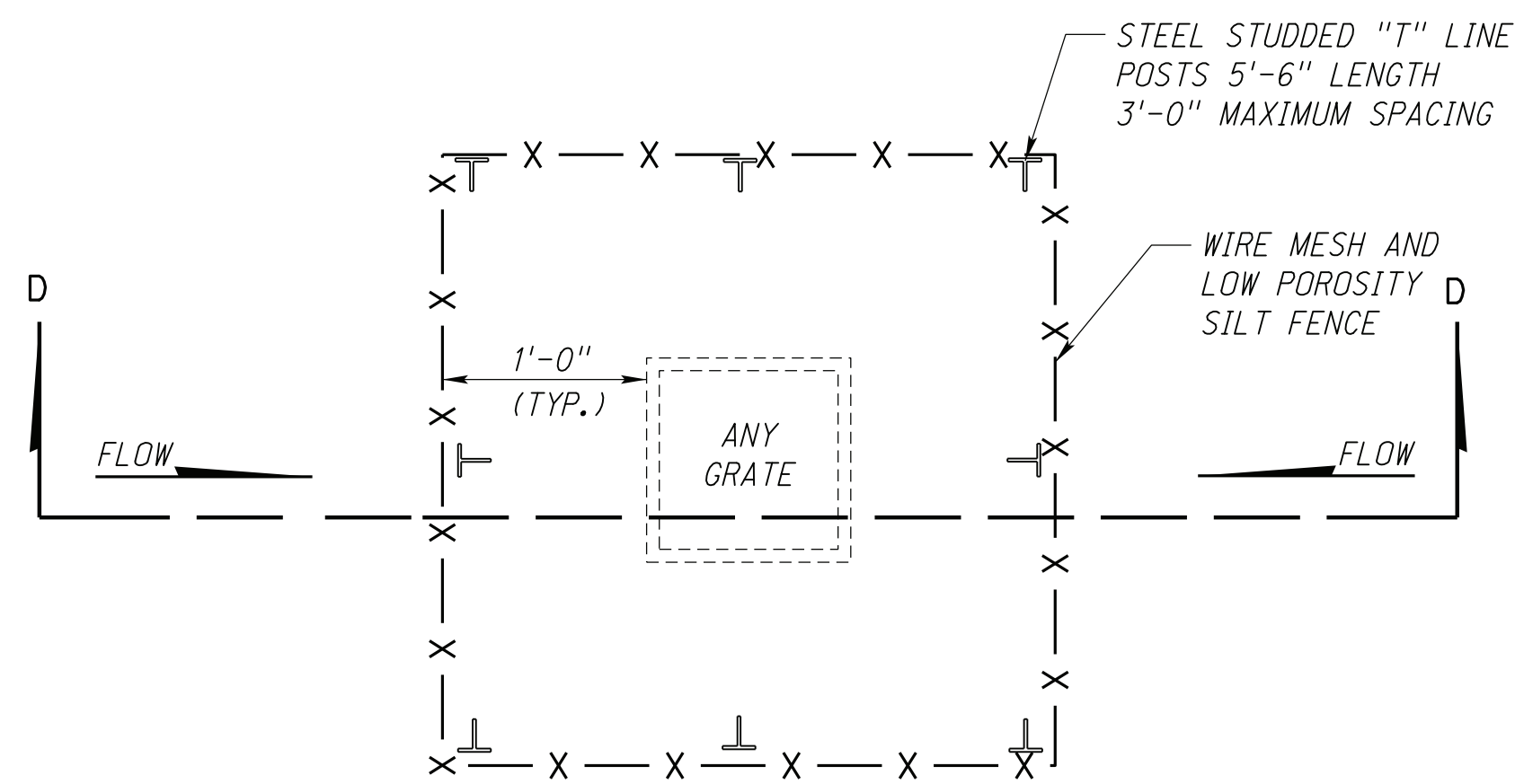
1. THE TOP OF THE STRUCTURE (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BYPASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.



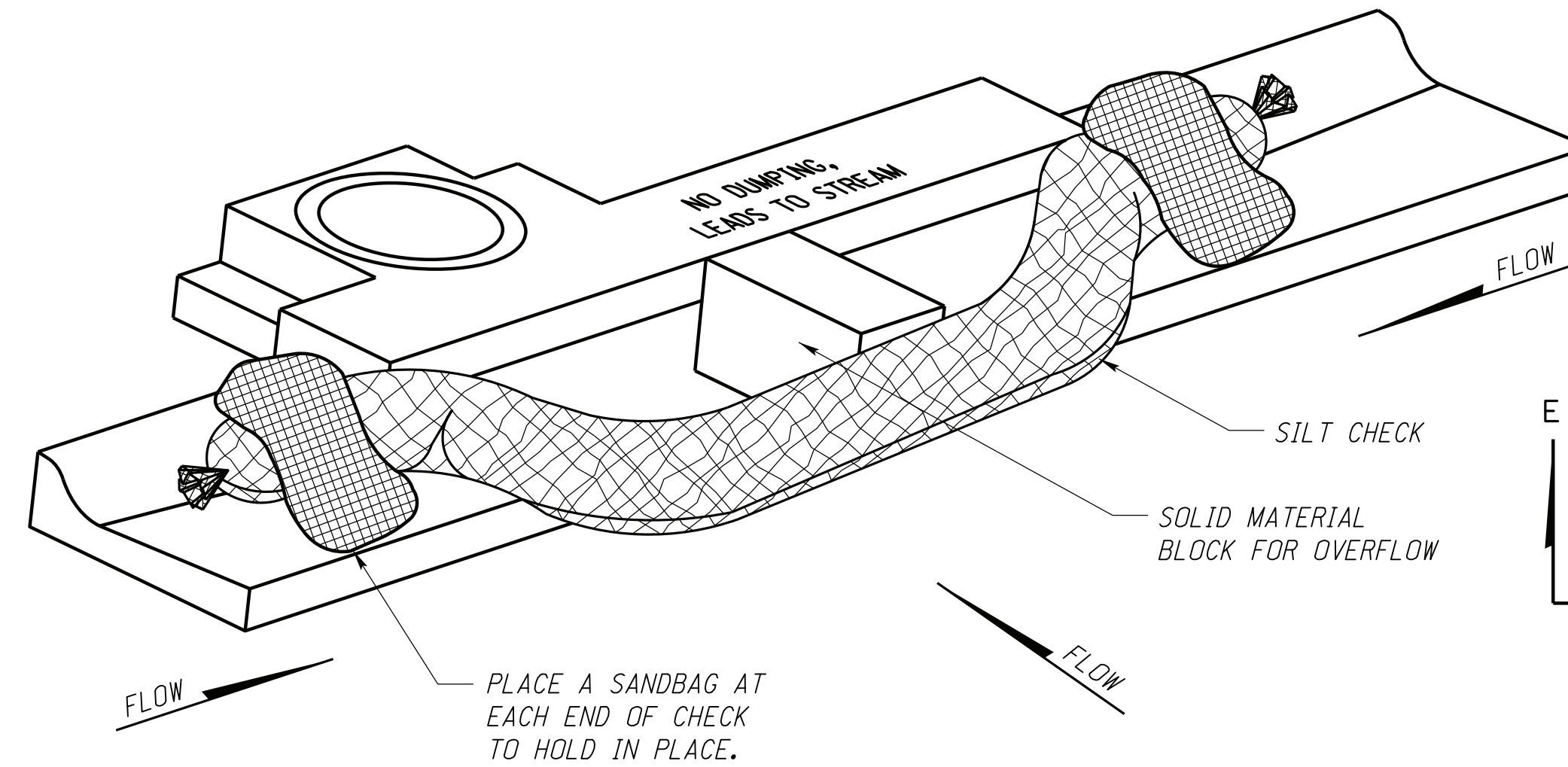
INLET PROTECTION

SHEET 1 OF 2

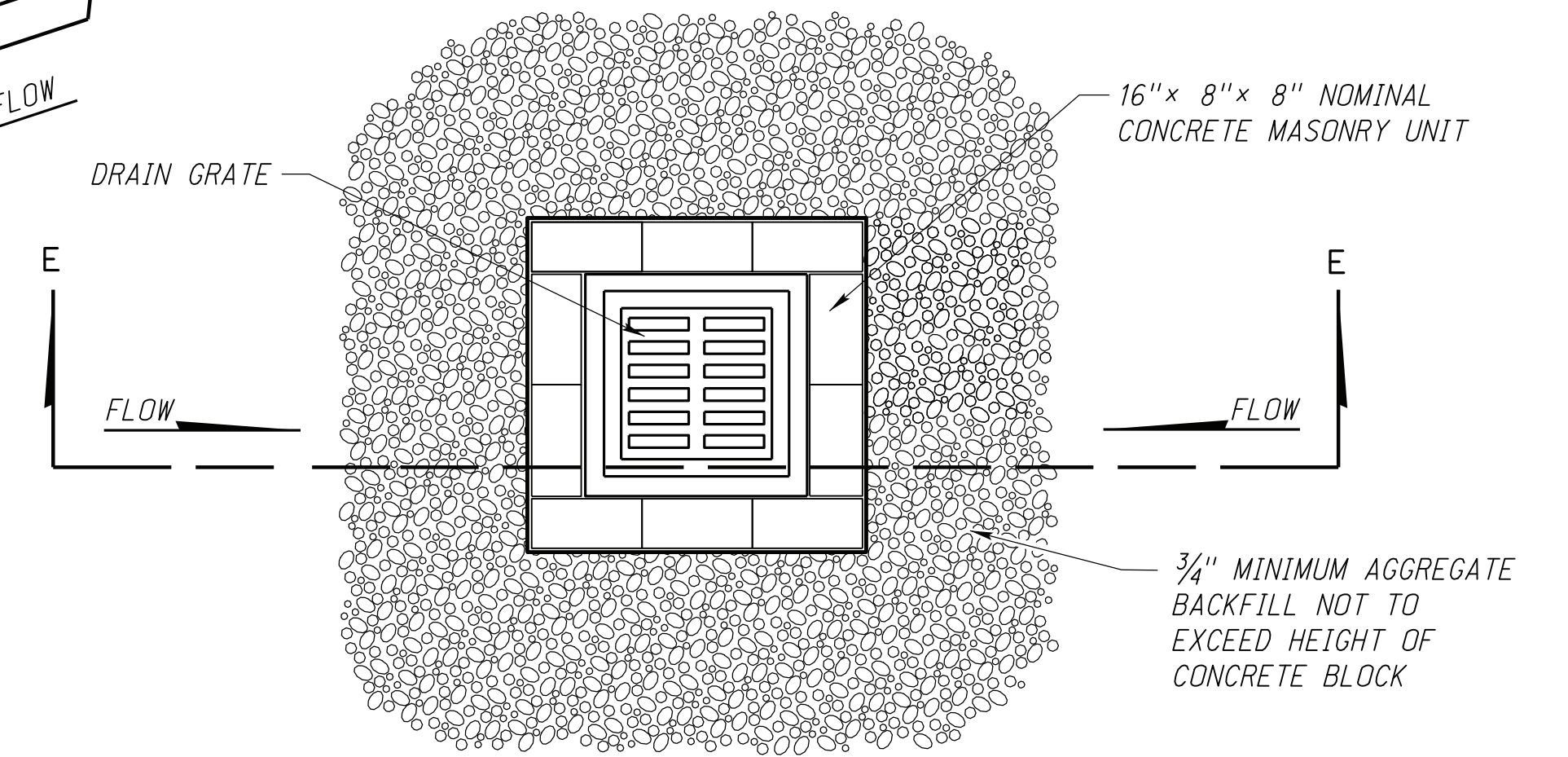
SPECIAL PLAN 2C



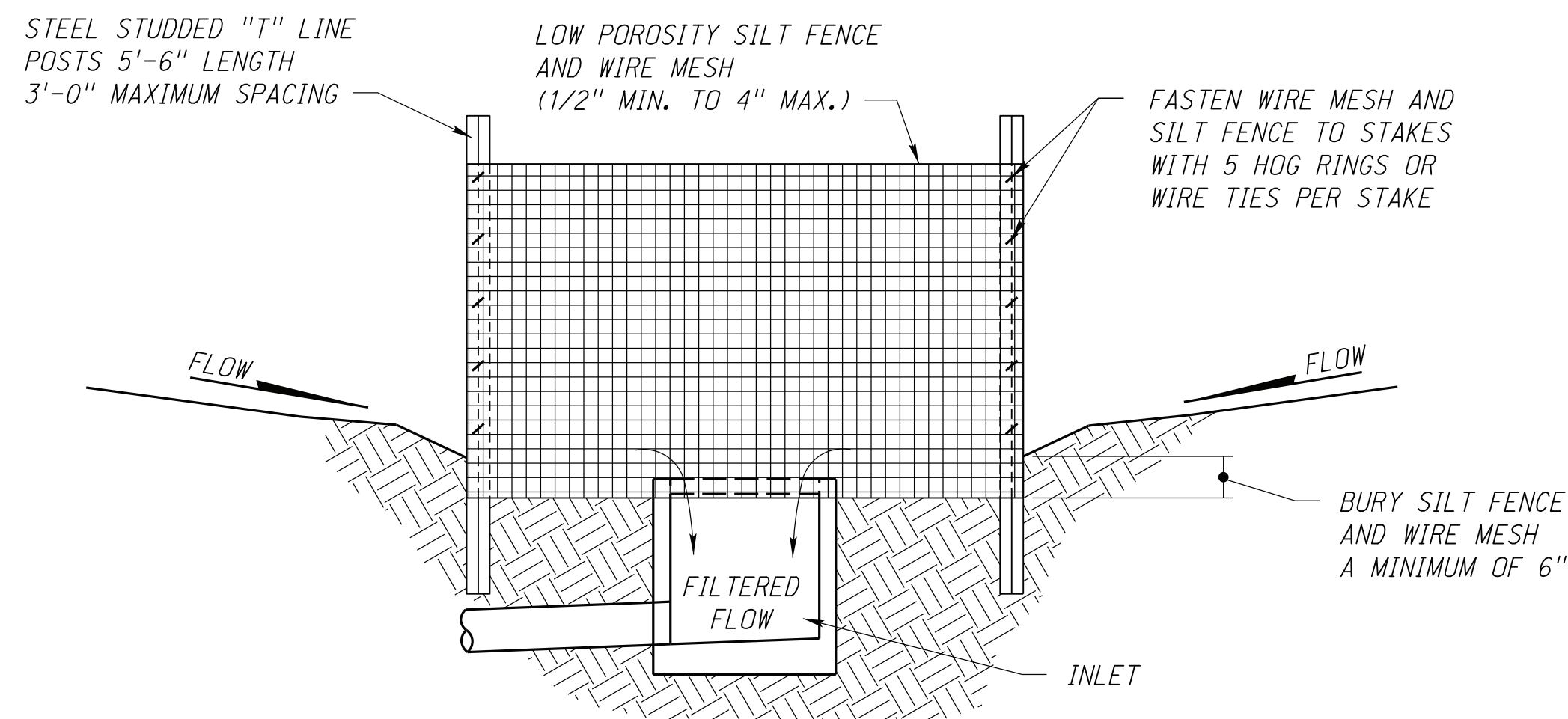
PLAN VIEW



CURB INLET PERSPECTIVE VIEW

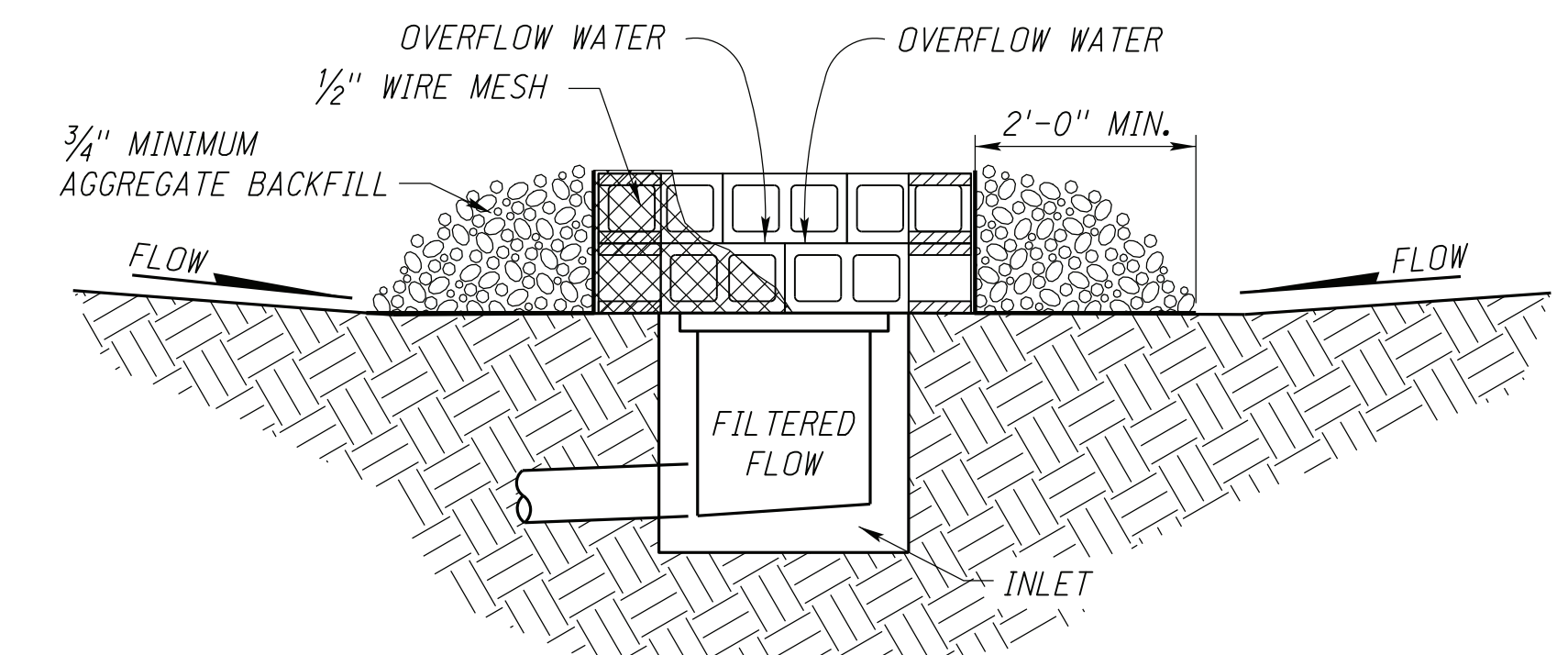


PLAN VIEW



ELEVATION

SECTION D-D

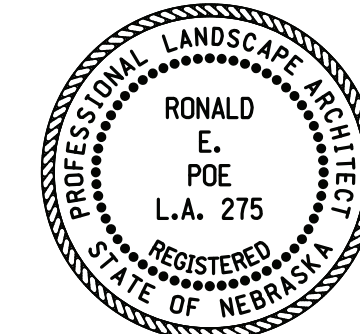
WIRE MESH BACKED SILT FENCE
FILTER AT INLET

SECTION E-E

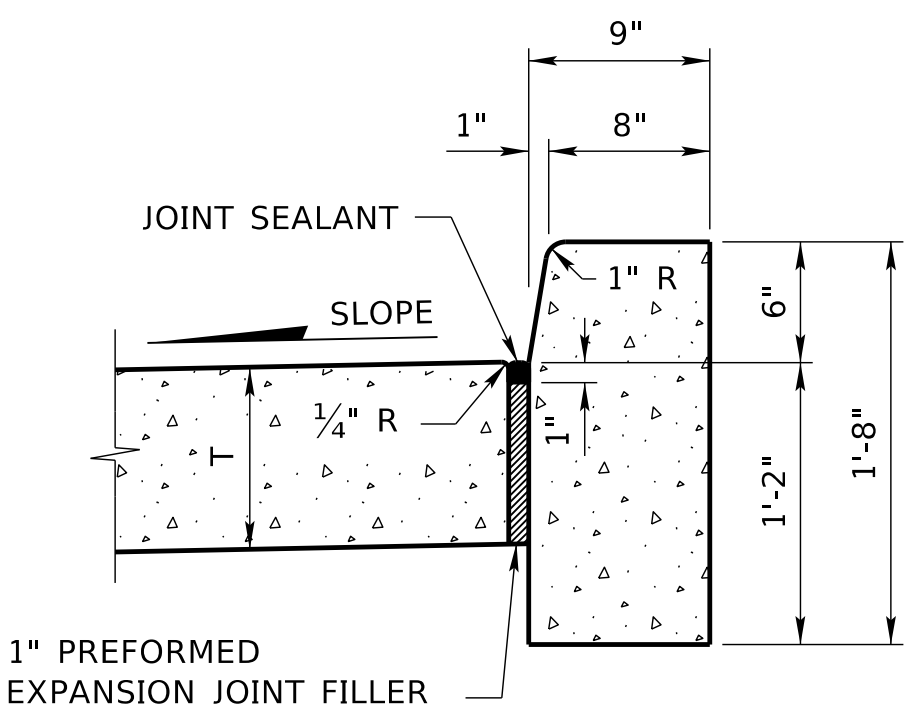
BLOCK AND GRAVEL
FILTER AT INLET

NOTES:

1. APPLICABLE WHERE HEAVY FLOWS ARE EXPECTED AND WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE.
2. 1/2" WIRE MESH SHALL COVER ENTIRE VERTICAL FACE OF BLOCKS AND APRON BELOW THE AGGREGATE BACKFILL.
3. THE TOP OF THE STRUCTURE (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BYPASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.
4. BLOCK COURSES SHOULD OFFSET TO IMPROVE STRUCTURAL STABILITY.



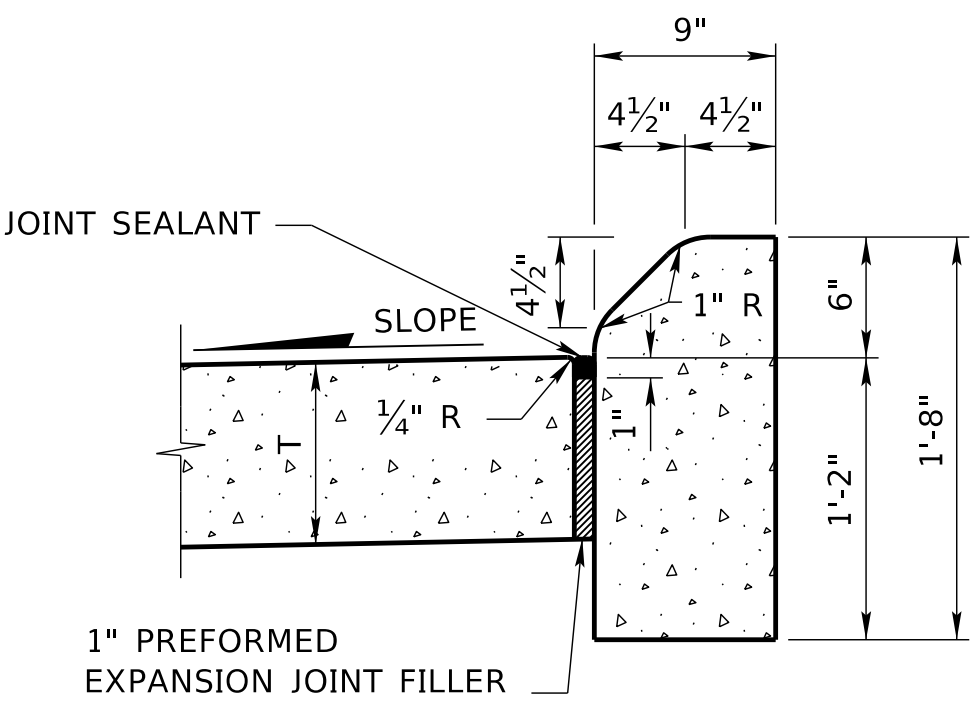
INLET PROTECTION
SHEET 2 OF 2
SPECIAL PLAN 2C



CONCRETE BARRIER CURB *

QUANTITIES

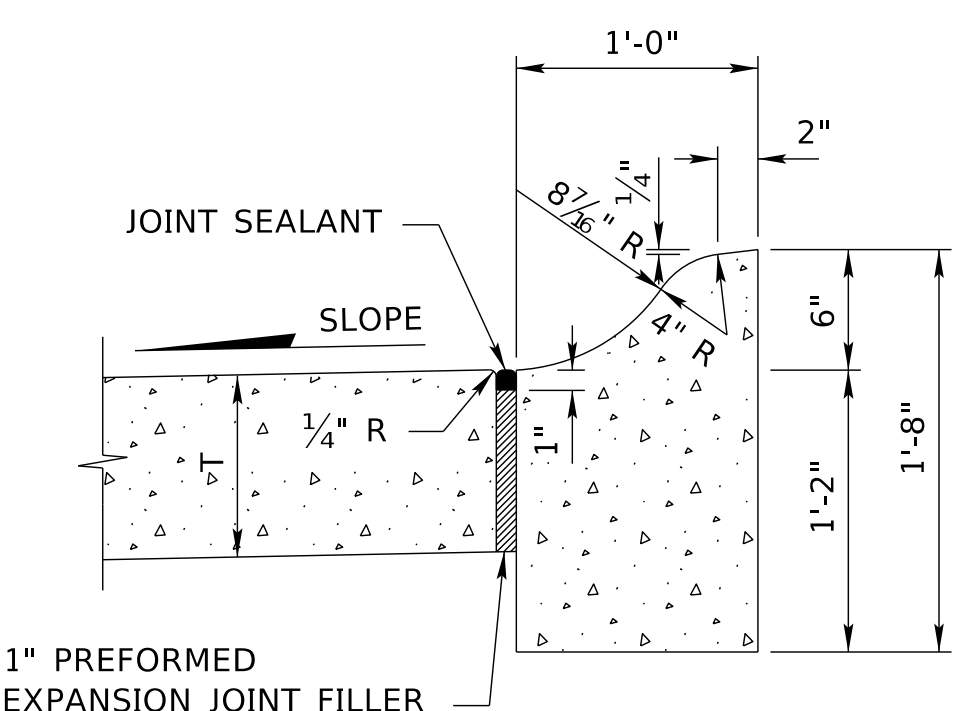
CONCRETE	4.55 CU. YDS./STA.
AREA	1.228 SQ. FT.



CONCRETE MEDIAN CURB *

QUANTITIES

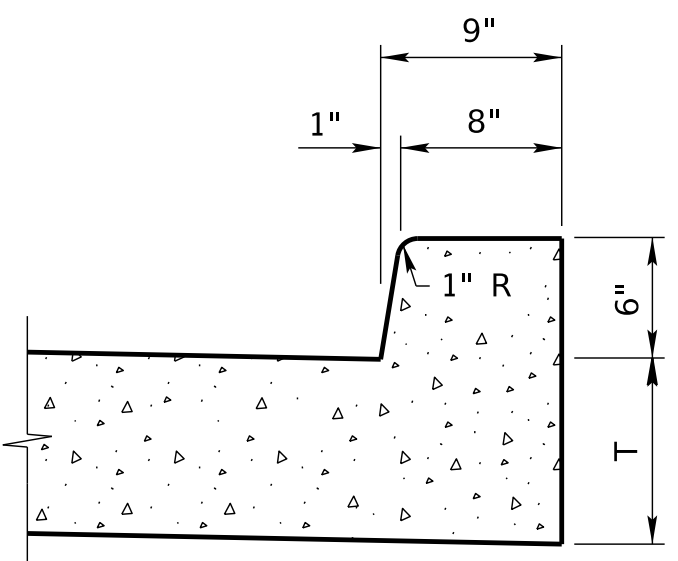
CONCRETE	4.42 CU. YDS./STA.
AREA	1.192 SQ. FT.



CONCRETE CURB, *
TYPE I

QUANTITIES

CONCRETE	5.22 CU. YDS./STA.
AREA	1.408 SQ. FT.



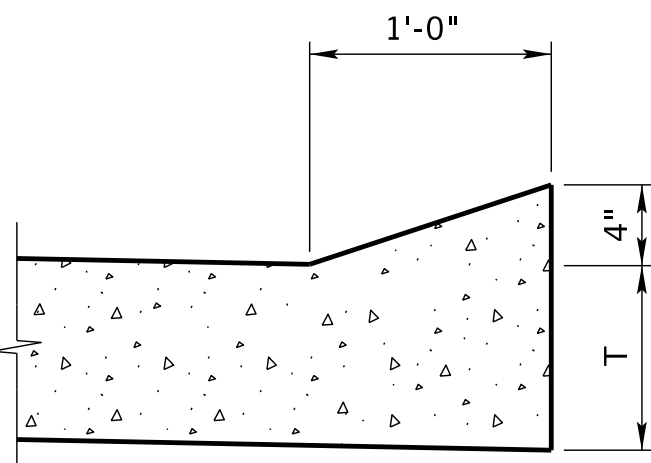
NOTE: MAY BE USED WHEN T IS LESS THAN 1 FOOT.

INTEGRAL CONCRETE BARRIER CURB

QUANTITIES

CONCRETE	1.33 CU. YDS./STA.
AREA	0.359 SQ. FT.

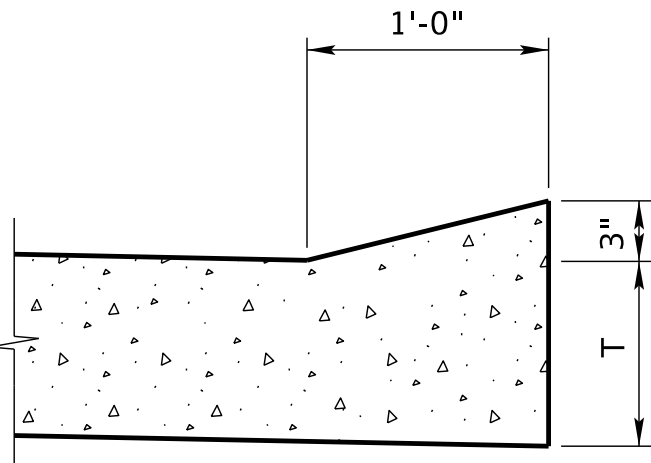
NOTE: * ONE INCH PREFORMED EXPANSION JOINT FILLER SHALL BE PLACED AT INTERVALS OF NOT MORE THAN 100 FEET THRU CONCRETE BARRIER CURB, CONCRETE MEDIAN CURB, AND CONCRETE CURB, TYPE I.



INTEGRAL CONCRETE
SLOPING CURB

QUANTITIES

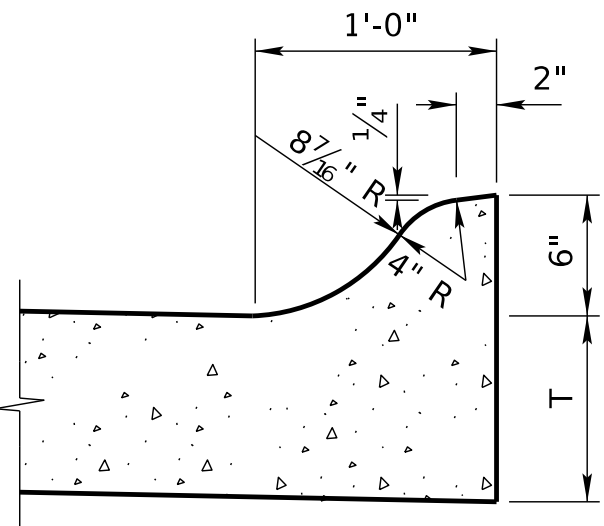
CONCRETE	0.62 CU. YDS./STA.
AREA	0.167 SQ. FT.



INTEGRAL CONCRETE
SLOPING CURB

QUANTITIES

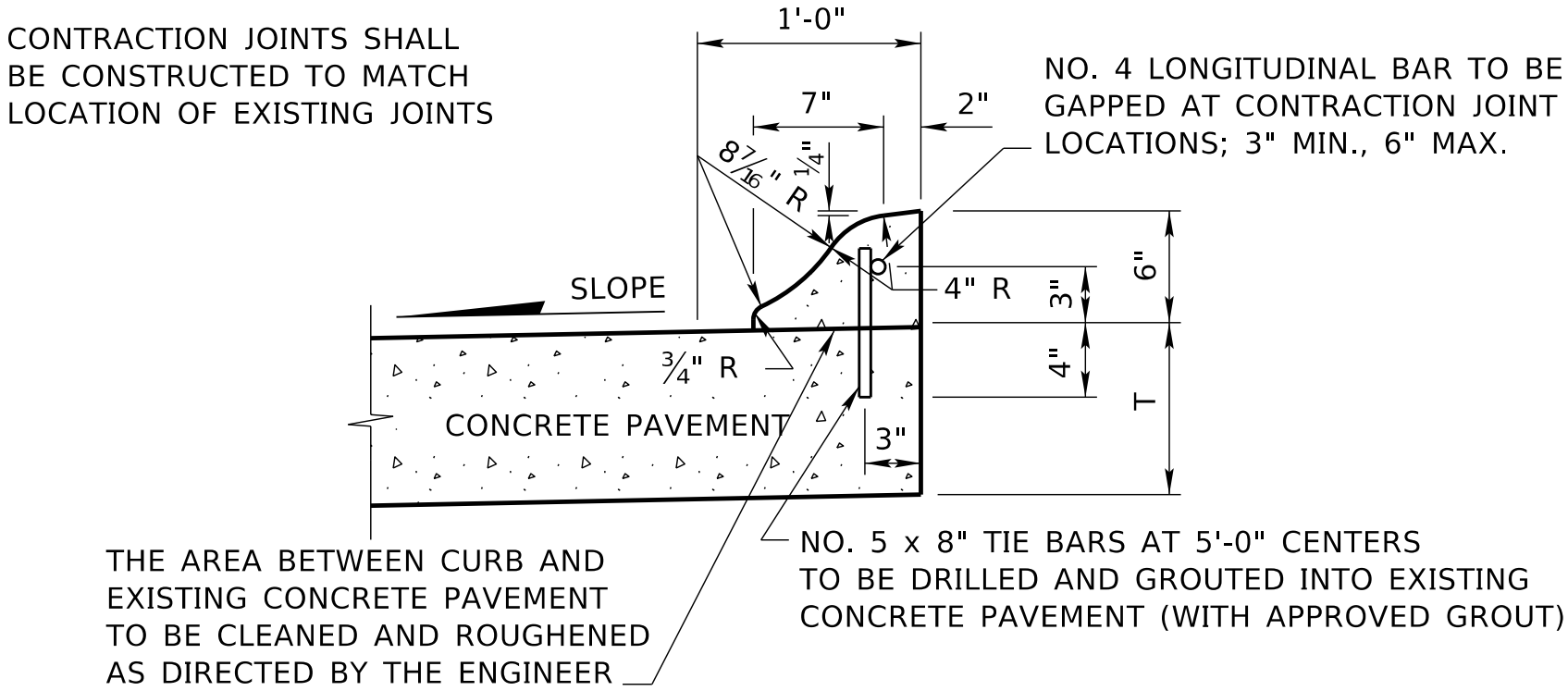
CONCRETE	0.46 CU. YDS./STA.
AREA	0.123 SQ. FT.



INTEGRAL CONCRETE CURB

QUANTITIES

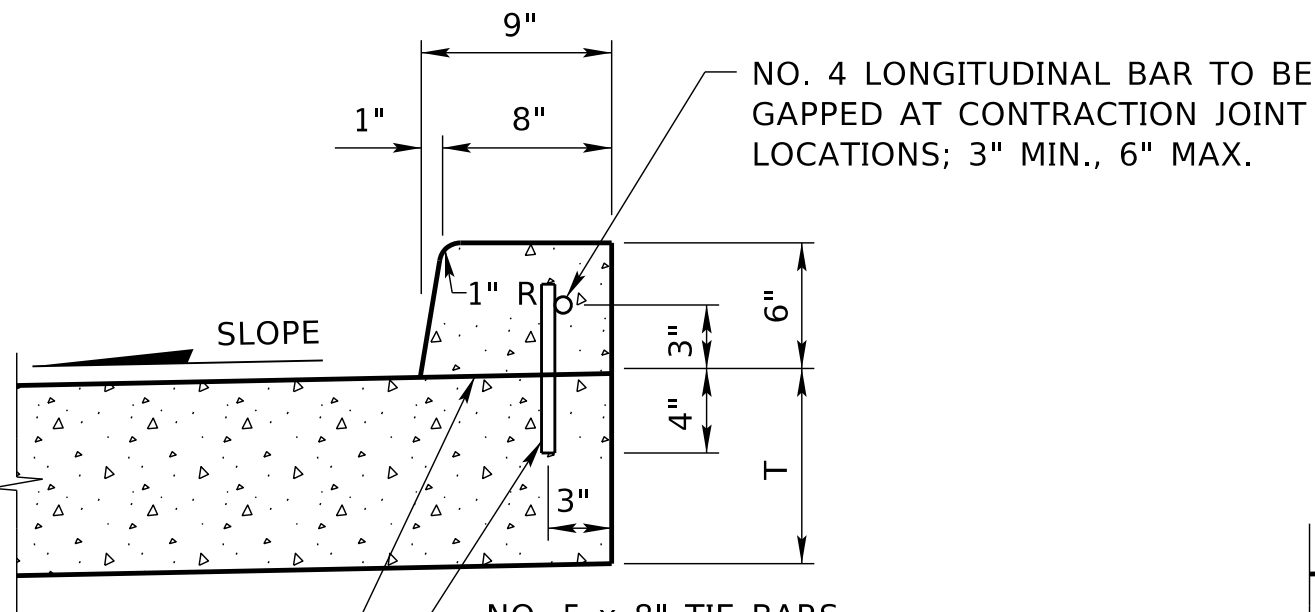
CONCRETE	0.89 CU. YDS./STA.
AREA	0.239 SQ. FT.



CONCRETE CURB,
TYPE II

QUANTITIES

CONCRETE	0.87 CU. YDS./STA.
AREA	0.234 SQ. FT.



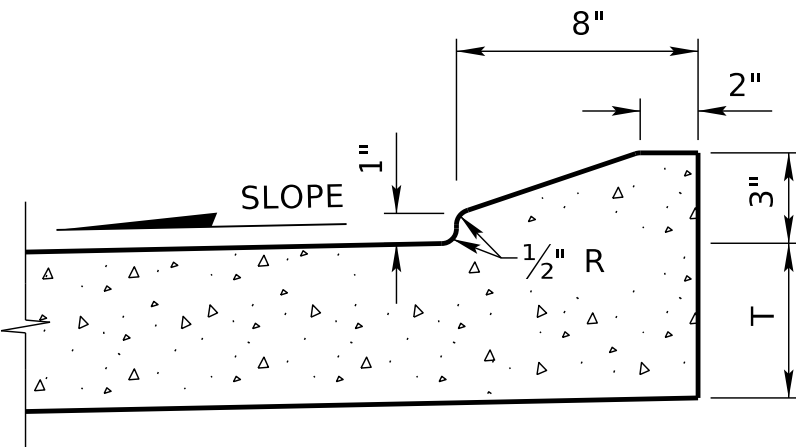
THE AREA BETWEEN CURB AND EXISTING CONCRETE PAVEMENT TO BE CLEANED AND ROUGHENED AS DIRECTED BY THE ENGINEER

NOTE:
USE WHEN T IS 1'-0" OR GREATER

CONCRETE BARRIER CURB
ALTERNATE

QUANTITIES

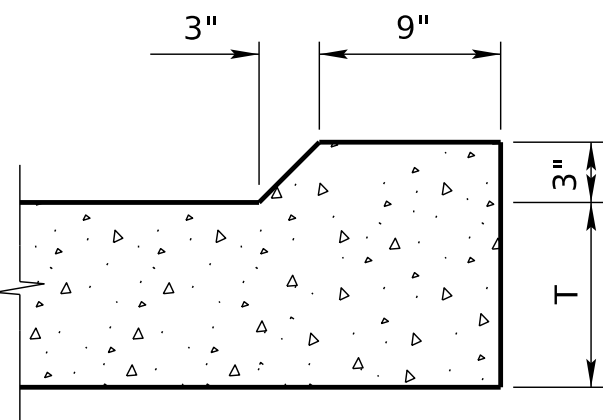
CONCRETE	1.33 CU. YDS./STA.
AREA	0.359 SQ. FT.



INTEGRAL CONCRETE
TRUCK APRON CURB

QUANTITIES

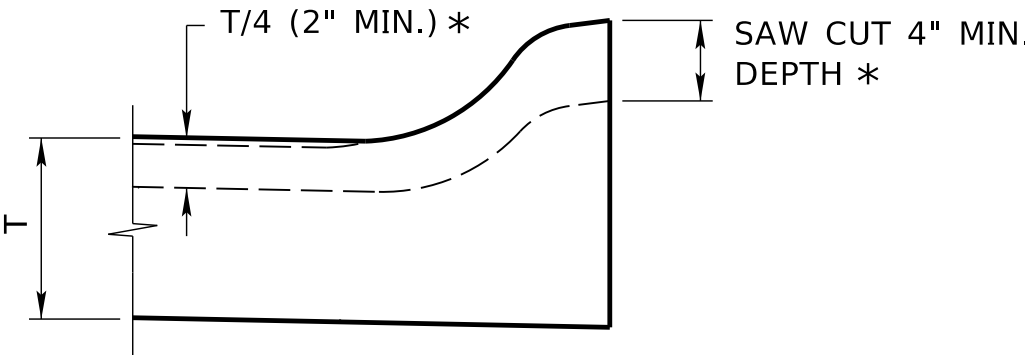
CONCRETE	0.47 CU. YDS./STA.
AREA	0.127 SQ. FT.



EROSION CONTROL CURB

QUANTITIES

CONCRETE	0.81 CU. YDS./STA.
AREA	0.219 SQ. FT.

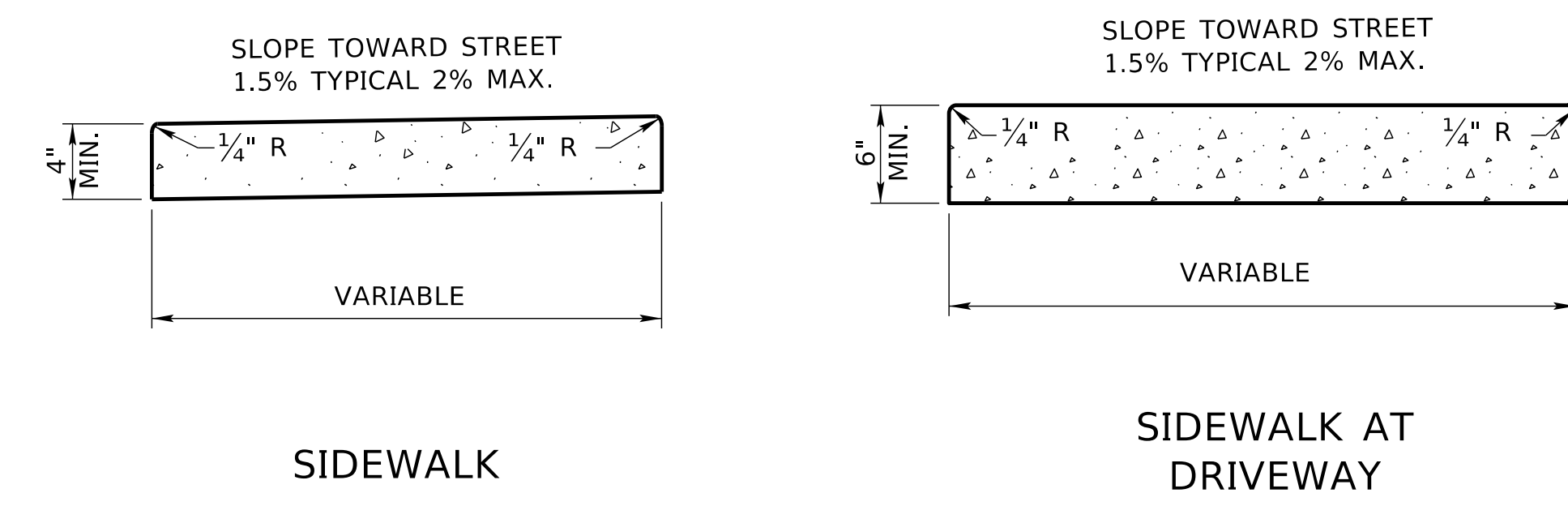
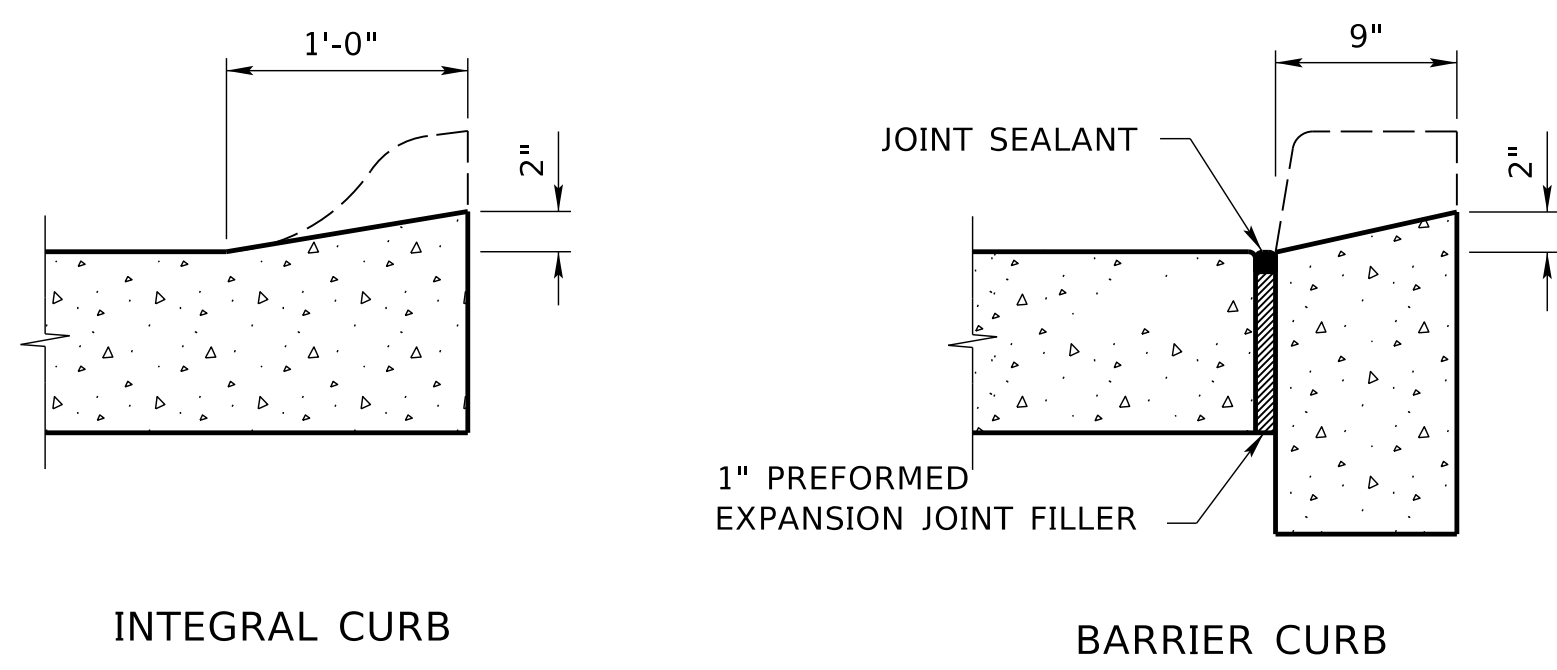
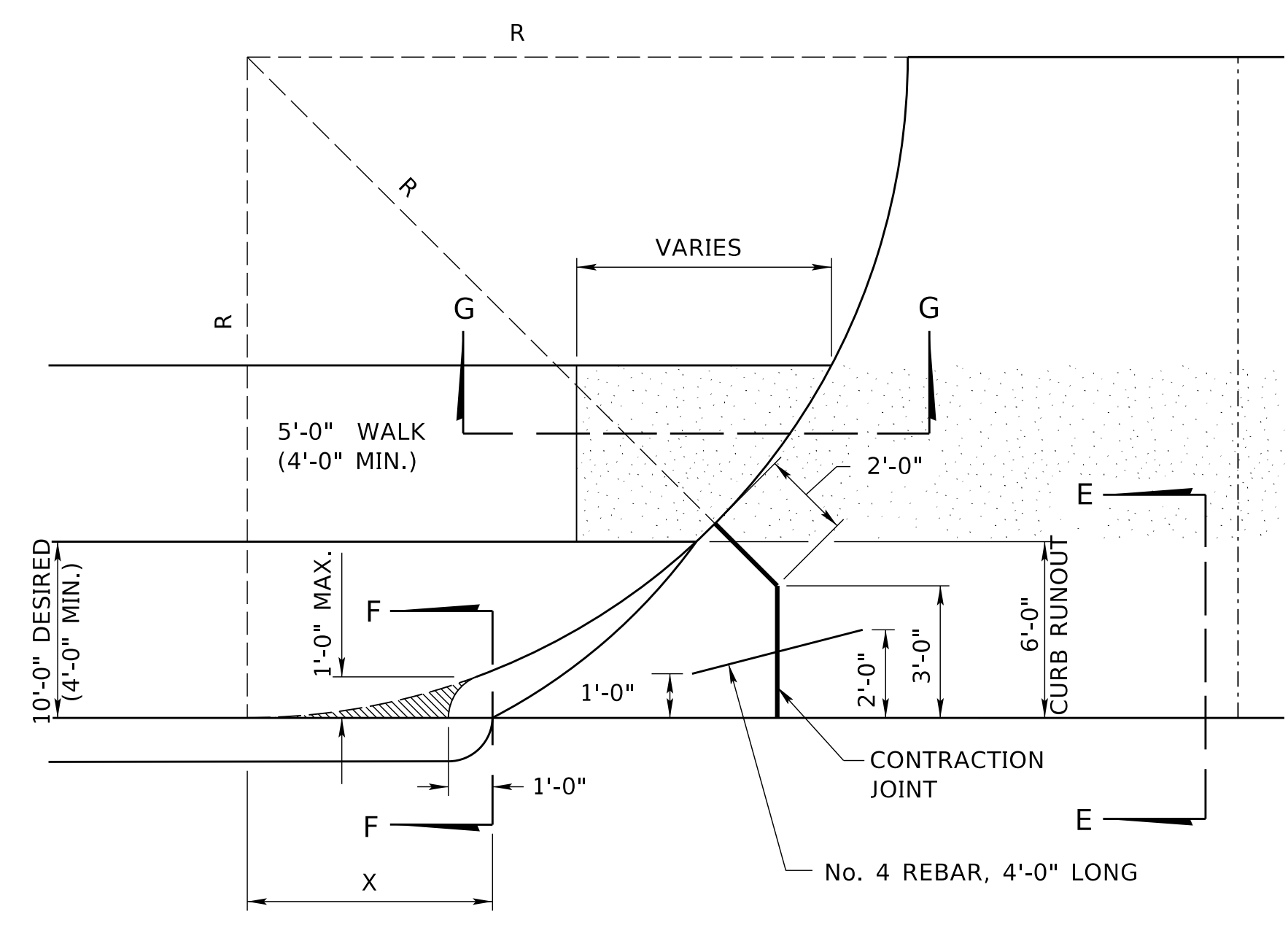
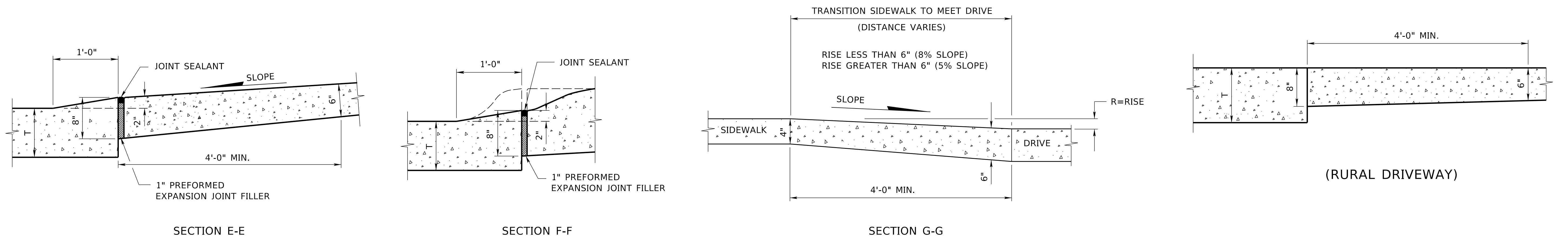


CONTRACTION JOINT THRU CURB

* FOR NON-INTEGRAL CURB THE CONTRACTION JOINTS MAY BE MADE WITH A DOUBLE EDGER WHILE THE CONCRETE IS STILL PLASTIC.

NOTE: T = PAVEMENT THICKNESS

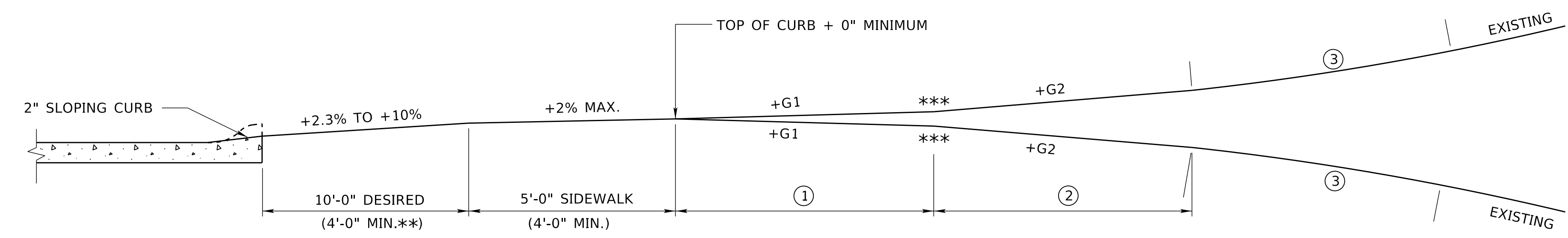
R12	JAN 18	NDOR BORDER TO NDOT BORDER
R11	JUL 15	ADDED TRUCK APRON CURB
R10	FEB 09	MULTIPLE REVISIONS
REV. NO.	DATE	DESCRIPTION OF REVISION
NEBRASKA DEPARTMENT OF TRANSPORTATION STANDARD PLAN NO. 301-R12 PAVEMENT DETAILS		
ACCEPTED BY FHWA FOR USE ON THE NATIONAL HIGHWAY SYSTEM:		1 3
DATE		
ORIGINAL: JANUARY 31, 1974 DATE		



NOTE:
1 INCH PREFORMED EXPANSION JOINT FILLER SHALL BE PLACED IN ALL SIDEWALKS OR CROSSWALKS AT INTERVALS OF NOT MORE THAN 50 FOOT, AND AT ALL POINTS WHERE SIDEWALKS OR CROSSWALKS ARE ADJACENT TO CURB. IF SIDEWALK OR CROSSWALK TO BE CONSTRUCTED IS LESS THAN 50 FOOT IN LENGTH, ONE SUCH EXPANSION JOINT SHALL BE PLACED AS DIRECTED BY THE ENGINEER.

R	X
10'-0"	4.6'
15'-0"	5.6'
20'-0"	6.0'
25'-0"	7.0'
30'-0"	8.0'
35'-0"	8.6'
40'-0"	9.0'

R = RADIUS
X = $\sqrt{(2R-1)}$
(X & R IN FEET)



- ① 10'-0" MINIMUM IS REQUIRED WHEN THE EXISTING GRADE IS GREATER THAN $\pm 8\%$
- ② 10'-0" MINIMUM IS REQUIRED WHEN THE EXISTING GRADE IS GREATER THAN $\pm 15\%$
- ③ 10'-0" MINIMUM ROUNDING IS REQUIRED WHEN THE EXISTING GRADE IS GREATER THAN $\pm 22\%$
- *** 0 FEET IS ALLOWED IN URBAN BUSINESS DISTRICTS WITH SIDEWALKS OF 6 FEET MINIMUM WIDTH.
*** 10 FEET MINIMUM ROUNDING DESIRABLE FOR THE FOLLOWING GRADE CHANGES.

NOTE: T = PAVEMENT THICKNESS

REV. NO.	DATE	DESCRIPTION OF REVISION
R12	JAN 18	NDOR BORDER TO NDOT BORDER
R11	JUL 15	ADDED TRUCK APRON CURB
R10	FEB 09	MULTIPLE REVISIONS

NEBRASKA DEPARTMENT OF TRANSPORTATION
STANDARD PLAN NO. 301-R12
PAVEMENT DETAILS

ACCEPTED BY FHWA FOR USE ON THE NATIONAL HIGHWAY SYSTEM:

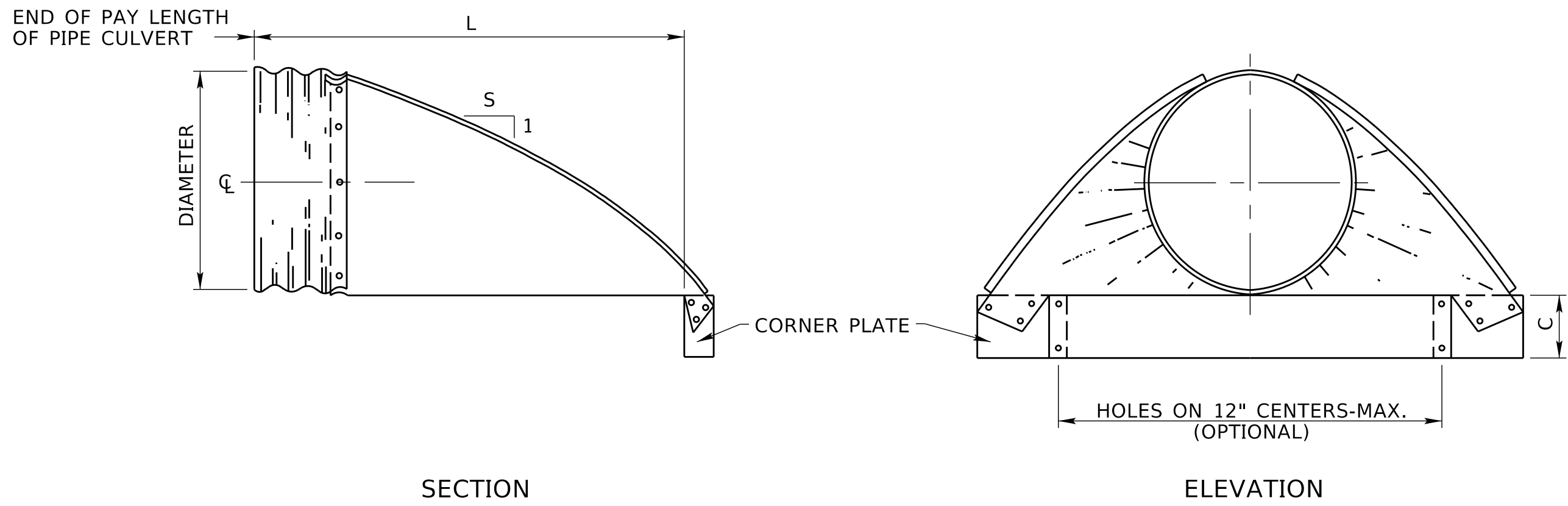
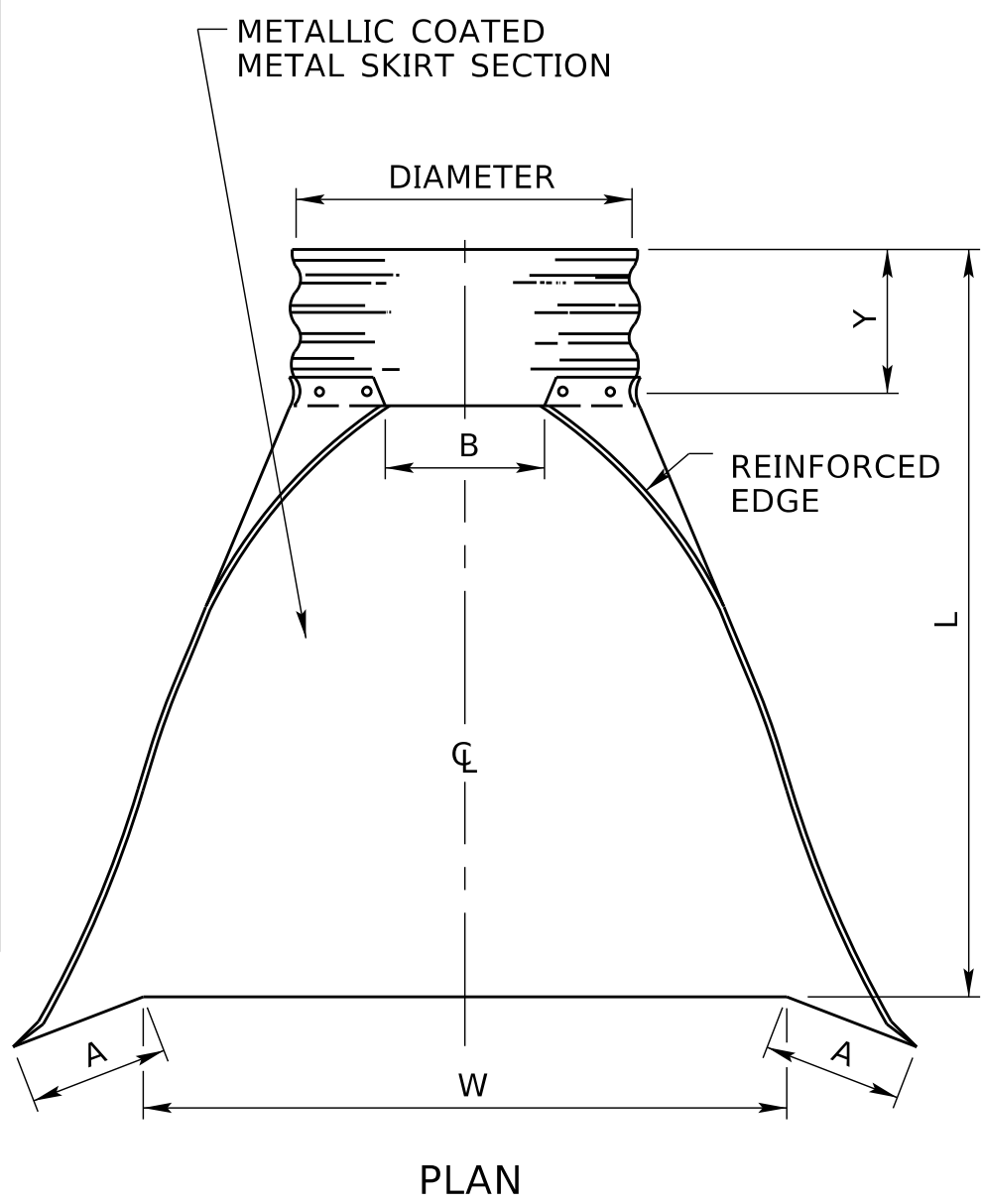
DATE: _____

ORIGINAL:
JANUARY 31, 1974

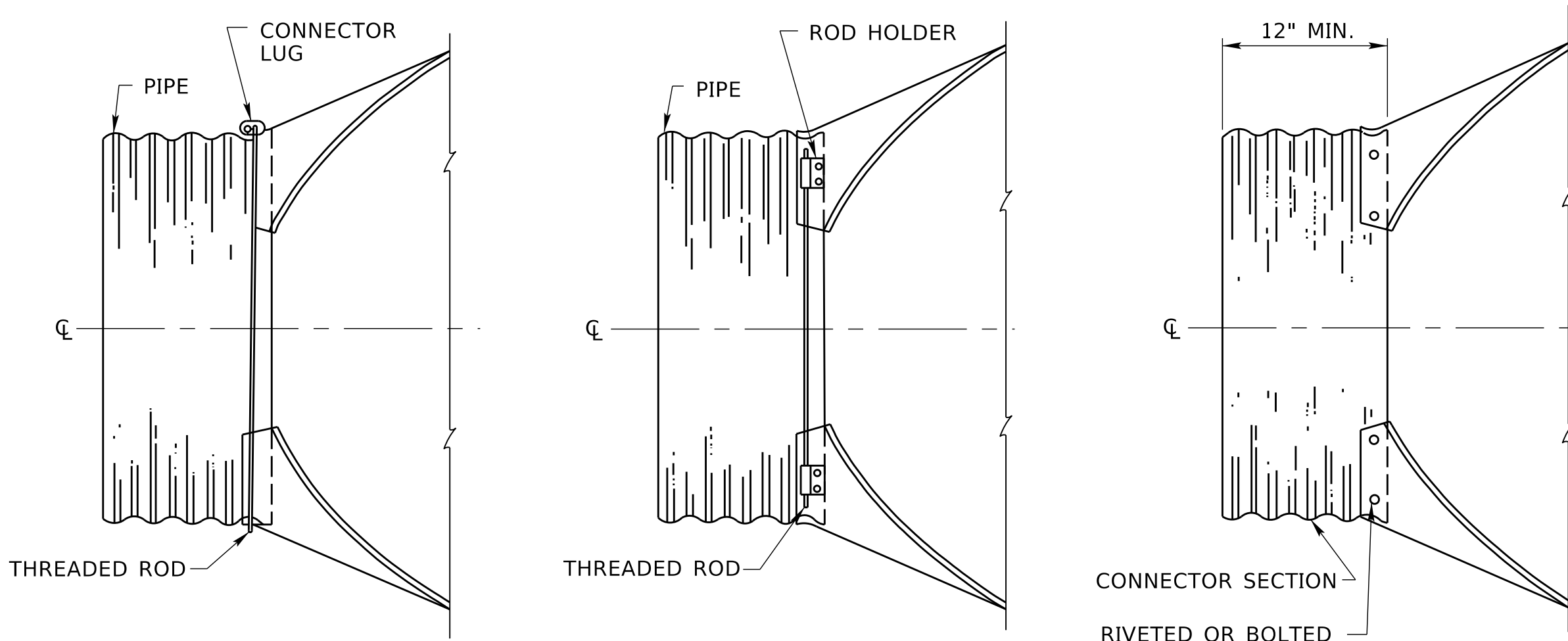
DATE: _____

3
3

PIPE DIA.	GUAGE	NOMINAL DIMENSIONS						
		L ± 6"	W ± 2"	A MIN.	B MAX.	C MIN.	Y ± 4½"	S APPROX.
12"	16	6'-0⅞"	2'-0"	4¾"	6"	6"	4'-3⅝"	2½
15"	16	6'-1"	2'-6"	6"	8"	6"	3'-11"	2½
18"	16	6'-1"	3'-0"	7"	10"	6"	3'-8"	2½
21"	16	6'-1"	3'-8"	8¼"	1'-0"	6"	3'-1"	2½
24"	16	6'-1½"	4'-0"	9"	1'-1"	6"	2'-8½"	2½
30"	14	6'-1¾"	5'-0"	11"	1'-4"	6"	1'-10¾"	2½
36"	14	8'-1¾"	6'-0"	1'-2"	1'-7"	6"	3'-1¾"	2½
42"	12	8'-2"	7'-0"	1'-4"	1'-10"	6"	2'-5"	2½
48"	12	8'-2"	7'-6"	1'-6"	2'-3"	6"	1'-8"	2¼
54"	12	8'-4"	8'-6"	1'-6"	2'-6"	6"	1'-4"	2
60"	12	8'-3"	9'-6"	1'-6"	2'-9"	6"	1'-0"	1¾
66"	12	8'-3"	10'-0"	1'-6"	3'-0"	6"	1'-0"	1½
72"	12	8'-3"	10'-6"	1'-6"	3'-3"	6"	1'-0"	1½
78"	12	8'-3"	11'-0"	1'-6"	3'-6"	6"	1'-0"	1½
84"	12	8'-3"	11'-6"	1'-6"	3'-9"	6"	1'-0"	1½



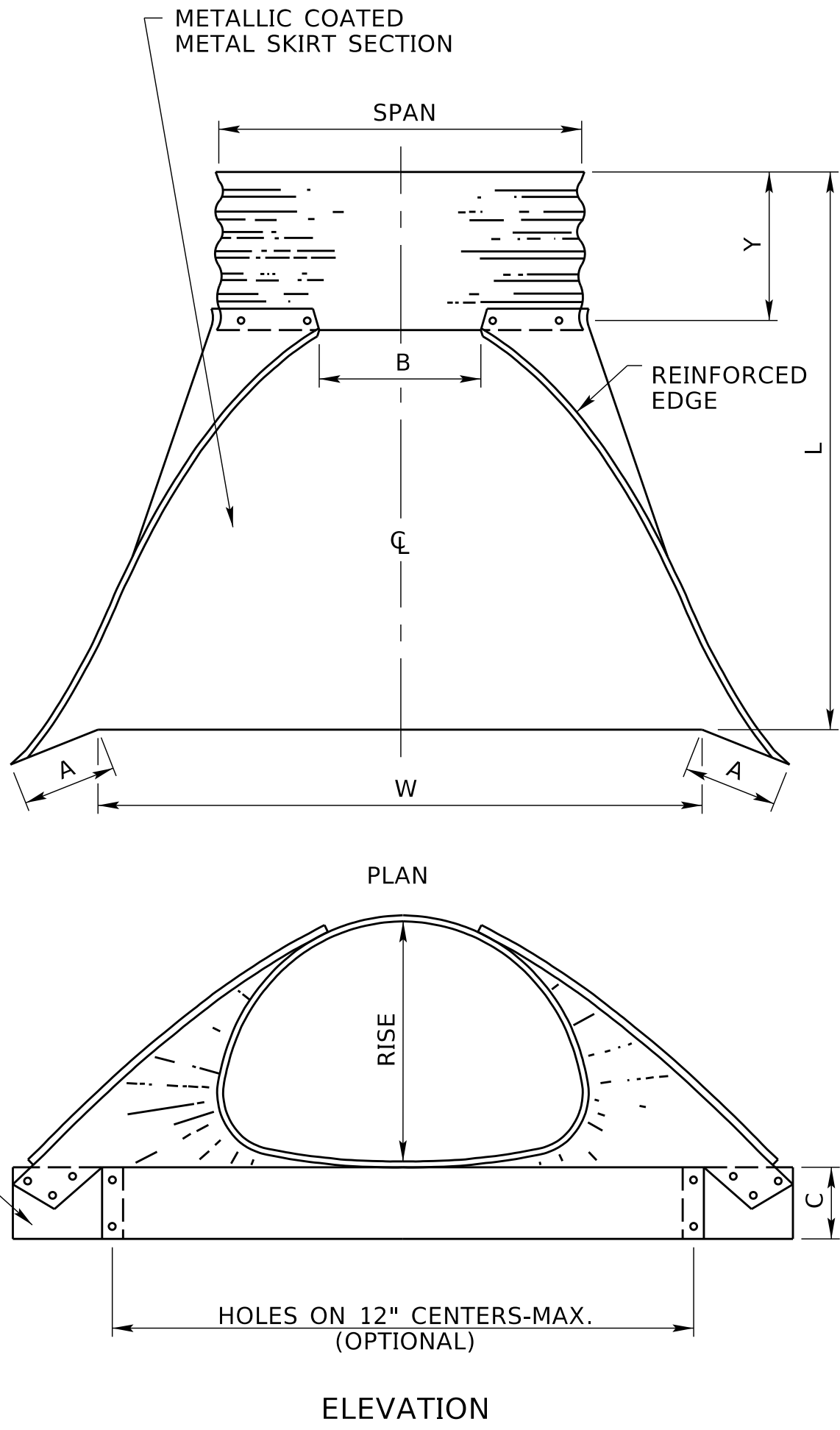
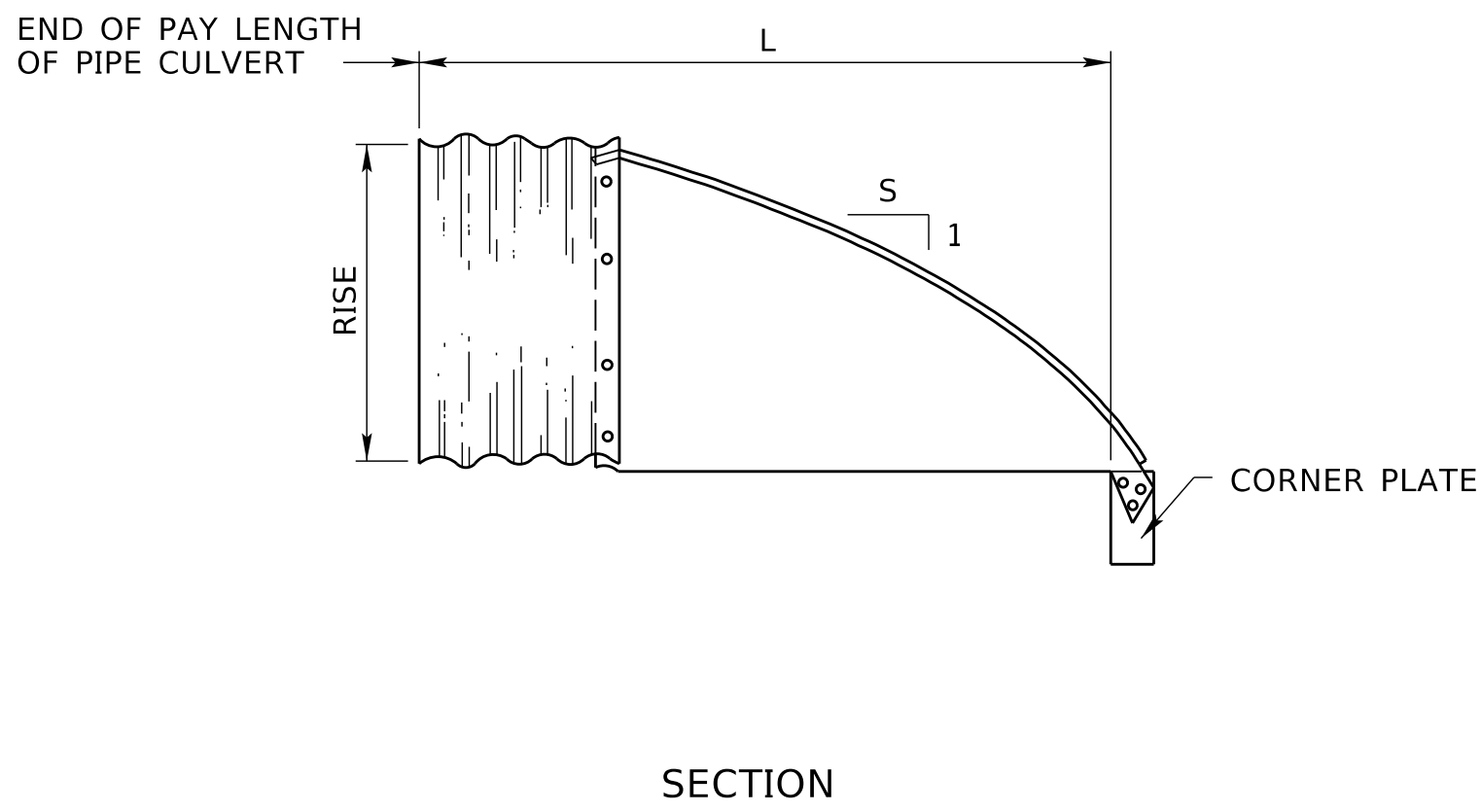
DETAILS OF METAL FLARED END SECTION
(FOR CORRUGATED METAL PIPE)



TYPICAL CONNECTIONS

FOR CORRUGATED METAL PIPE DIAMETERS OF 12" TO 24" INCLUSIVE AND CORRUGATED METAL PIPE-ARCHES WITH RISE OF 11" TO 18" INCLUSIVE, THE SKIRT SECTION MAY BE ATTACHED WITH A 1" WIDE, 12 GAUGE METAL CONNECTOR STRAP AND ½" x 6" BOLT AND NUT. THIS STRAP MAY BE USED ON PIPE WITH ANNULAR ENDS ONLY.

EQUIV. DIA.	SPAN	RISE	GUAGE	NOMINAL DIMENSIONS						
				L ± 6"	W MIN.	A MIN.	B MAX.	C MIN.	Y ± 4½"	S APPROX.
15"	17"	13"	16	6'-0"	2'-6"	4½"	9"	6"	4'-5"	2½
18"	21"	15"	16	6'-0"	3'-0"	5¼"	10"	6"	4'-1"	2½
21"	24"	18"	16	6'-0"	3'-6"	6¼"	11½"	6"	3'-8"	2½
24"	28"	20"	16	6'-0"	4'-0"	7"	1'-2"	6"	3'-4½"	2½
30"	35"	24"	14	8'-0"	5'-0"	8¾"	1'-4"	6"	4'-9½"	2½
36"	42"	29"	14	8'-0"	6'-3"	10¾"	1'-5½"	6"	4'-2"	2½
42"	49"	33"	12	8'-0"	7'-1"	1'-0¼"	1'-8"	6"	3'-7"	2½
48"	57"	38"	12	8'-0"	7'-6"	1'-2"	2'-3"	6"	2'-9"	2½
54"	64"	43"	12	8'-0"	8'-6"	1'-3¾"	2'-6"	6"	2'-2"	2¼
60"	71"	47"	12	8'-0"	9'-6"	1'-5¼"	2'-9"	6"	1'-7"	2¼
66"	77"	52"	12	8'-0"	10'-6"	1'-6"	3'-0"	6"	1'-7"	2
72"	83"	57"	12	8'-0"	11'-6"	1'-6"	3'-3"	6"	1'-7"	2



DETAILS OF METAL FLARED END SECTION
(FOR CORRUGATED METAL PIPE-ARCH)

NOTES:

CONNECTOR STRAP, STIFFENER ANGLES AND MISCELLANEOUS HARDWARE SHALL BE METALLIC COATED.
THE "Y" LENGTH MAY BE FABRICATED AS PART OF THE CULVERT.

CONNECTOR SECTIONS AND CORNER PLATES FOR CORRUGATED METAL PIPE AND PIPE-ARCH FLARED END SECTIONS SHALL BE METALLIC COATED AND OF THE SAME GAUGE AS SKIRTS AND EACH SHALL BE METALLIC COATED.

SKIRT SECTION FOR CORRUGATED METAL PIPE DIA. OF 12" TO 24" INCLUSIVE SHALL BE MADE IN ONE PIECE.

SKIRT SECTION FOR CORRUGATED METAL PIPE-ARCHES WITH RISE OF 11" TO 22" INCLUSIVE SHALL BE MADE IN ONE PIECE.

SKIRT SECTION FOR CORRUGATED METAL PIPE DIA. OF 30" TO 54" INCLUSIVE AND CORRUGATED METAL PIPE-ARCHES WITH RISE OF 27" TO 40" INCLUSIVE MAY BE MADE FROM TWO SHEETS JOINED BY RIVETING OR BOLTING ON CENTERLINE.

SKIRT SECTION OF CORRUGATED METAL PIPE DIA. OF 60" AND LARGER, AND CORRUGATED METAL PIPE-ARCHES WITH RISE OF 44" AND LARGER SHALL BE MADE FROM THREE SHEETS JOINED BY RIVETING OR BOLTING AT EQUAL DISTANCES FROM CENTERLINE. THE CENTER PANEL SHALL BE FURNISHED IN 10 GAUGE MATERIAL AND THE WIDTH OF THE CENTER PANEL SHALL BE GREATER THAN 20% OF THE PIPE PERIPHERY.

MULTIPLE SHEET SKIRT SECTIONS SHALL HAVE 2" MIN. LAP SEAMS. BOLTS OR RIVETS SHALL BE ⅝" DIA. (MIN.) AND ON 6" CENTERS (MAX.).

TYPICAL CONNECTIONS SHOWN MAY BE USED FOR HELICAL CORRUGATED METAL PIPE.

FOR SKIRT SECTIONS OF 60" DIA. PIPE AND LARGER, AND CORRUGATED METAL PIPE-ARCHES WITH A RISE OF 49" AND LARGER, REINFORCED EDGES TO BE SUPPLEMENTED WITH STIFFENER ANGLES PLACED JUST BELOW THE REINFORCED EDGES ON THE OUTSIDE OF THE SKIRT SECTION. THE ANGLES WILL BE 2" x 2" x ¼", THE ANGLES TO BE ATTACHED BY ⅜" DIA. (MIN.) BOLTS AND NUTS AND ON 6" CENTERS (MAX.).

R5	JUN 23	ADDITIONAL NOTES & INFORMATION
R4	JAN 18	NDOR BORDER TO NDOT BORDER
R3	AUG 99	CHANGED NOTES
REV. NO.	DATE	DESCRIPTION OF REVISION

NEBRASKA DEPARTMENT OF TRANSPORTATION
STANDARD PLAN NO. 410-R5
FLARED END SECTIONS
FOR CULVERT PIPES

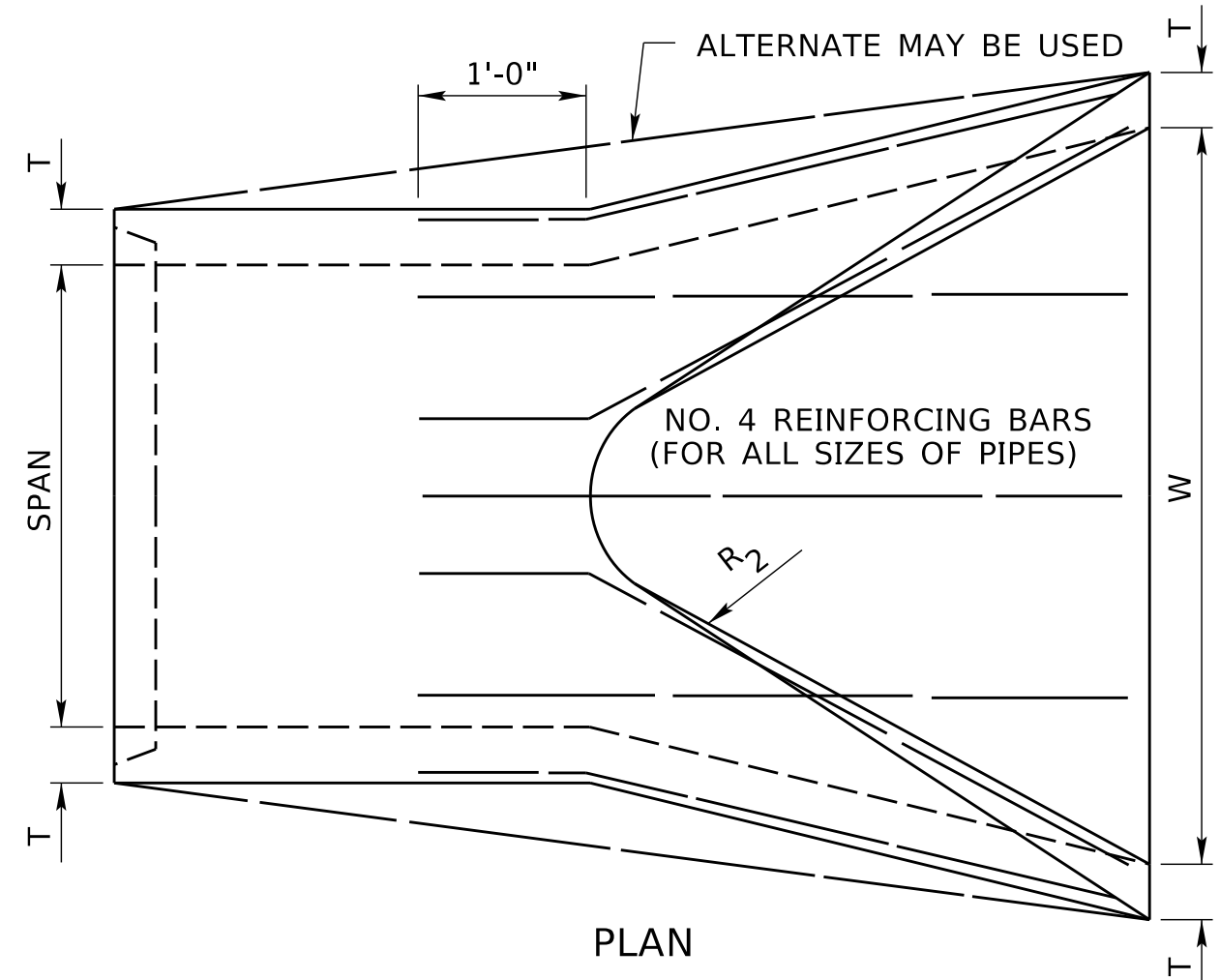
ACCEPTED BY FHWA FOR USE ON THE
NATIONAL HIGHWAY SYSTEM:

PROFESSIONAL CIVIL ENGINEER
ROSS D. BARRON
E-14018
STATE OF NEBRASKA

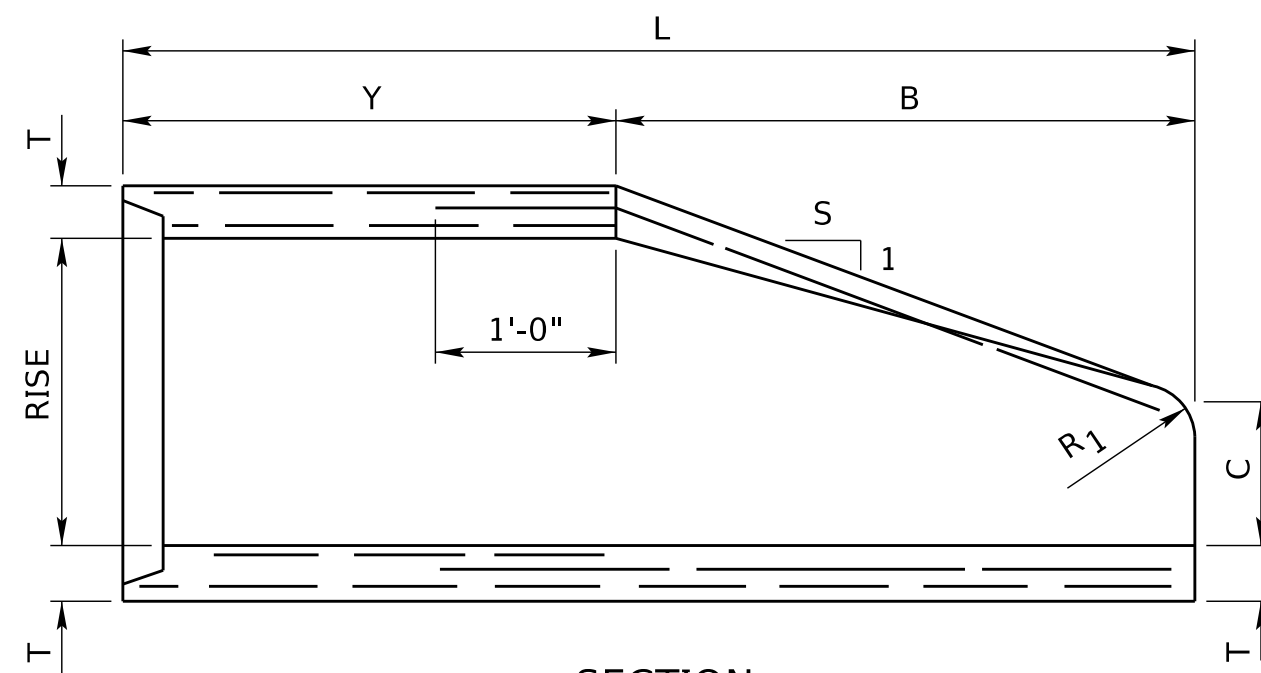
DATE
ORIGINAL:
FEBRUARY 22, 1974
DATE

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1 OF 2 4100 0 R5



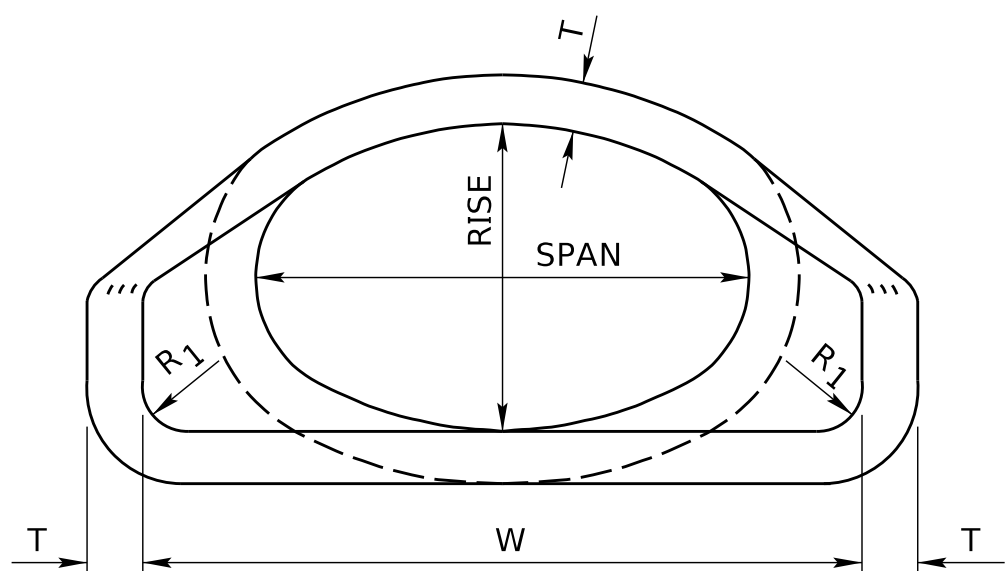
PLAN



SECTION

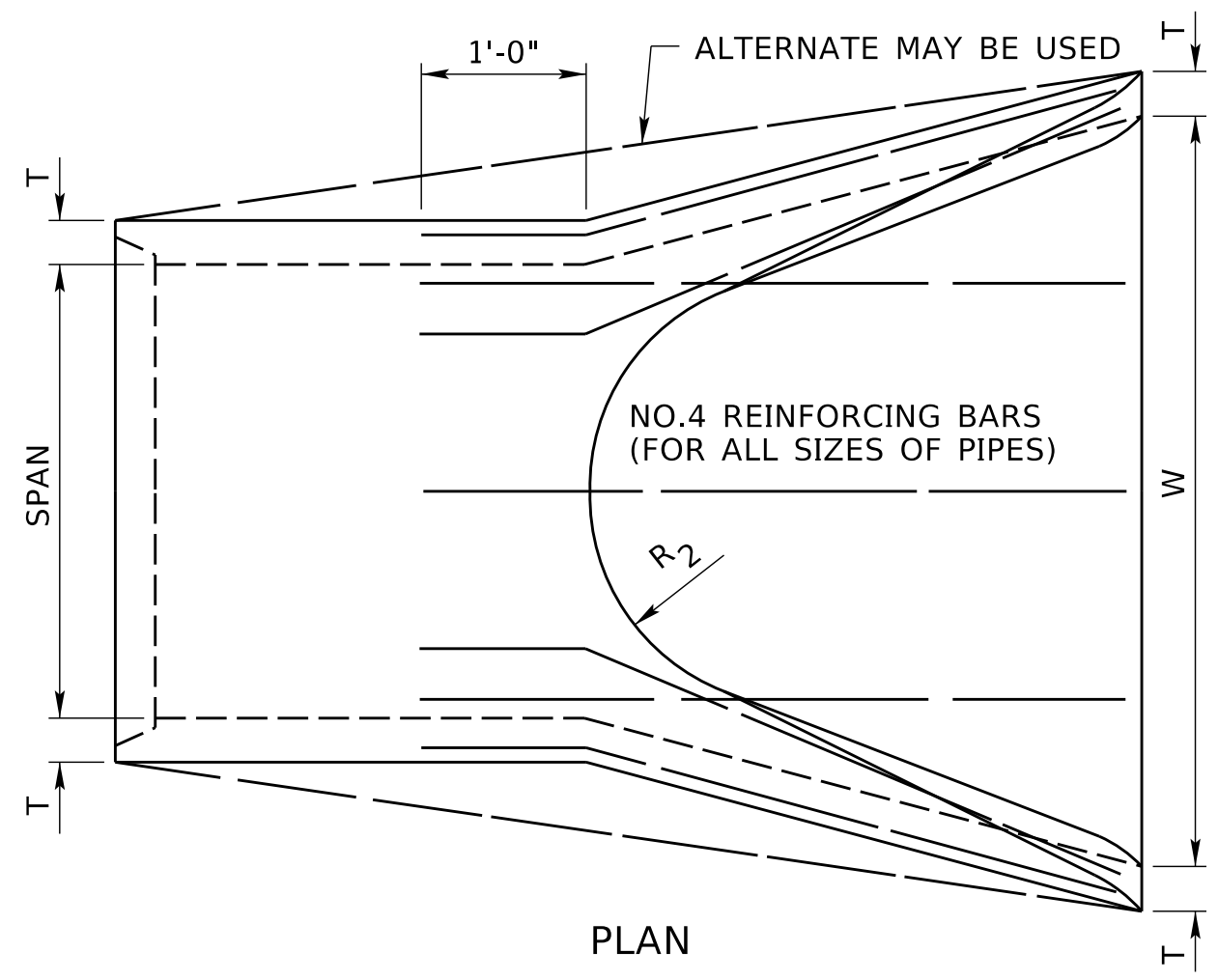
EQUIV. DIA.	NOMINAL DIMENSIONS										
	SPAN	RISE	L ± 6"	B	Y ± 4½"	C	W ± 2"	R1	R2	S APPROX.	T MIN.
18"	23"	14"	6'-0"	2'-3"	3'-9"	8½"	3'-0"	3"	6"	2.3	2½"
24"	30"	19"	6'-0"	3'-3"	2'-9"	9"	4'-0"	3"	7"	2.9	3"
30"	38"	24"	6'-0"	4'-6"	1'-6"	10"	5'-0"	3"	9"	3	3½"
36"	45"	29"	8'-0"	5'-0"	3'-0"	11"	6'-0"	3"	1'-0"	2.7	4"
42"	53"	34"	8'-0"	5'-0"	3'-0"	1'-4"	6'-6"	6"	1'-1"	2.6	4½"
48"	60"	38"	8'-0"	5'-0"	3'-0"	1'-9"	7'-0"	6"	1'-2"	2.7	5"
*54"	68"	43"	8'-0"	5'-0"	3'-0"	2'-1"	7'-6"	6"	1'-4"	2.5	5½"
*60"	76"	48"	8'-0"	5'-0"	3'-0"	2'-6"	8'-0"	6"	1'-6"	2.5	6"

*FLARED-END SECTION IS NOT MANUFACTURED AT THIS SIZE AND MUST BE CAST-IN-PLACE.

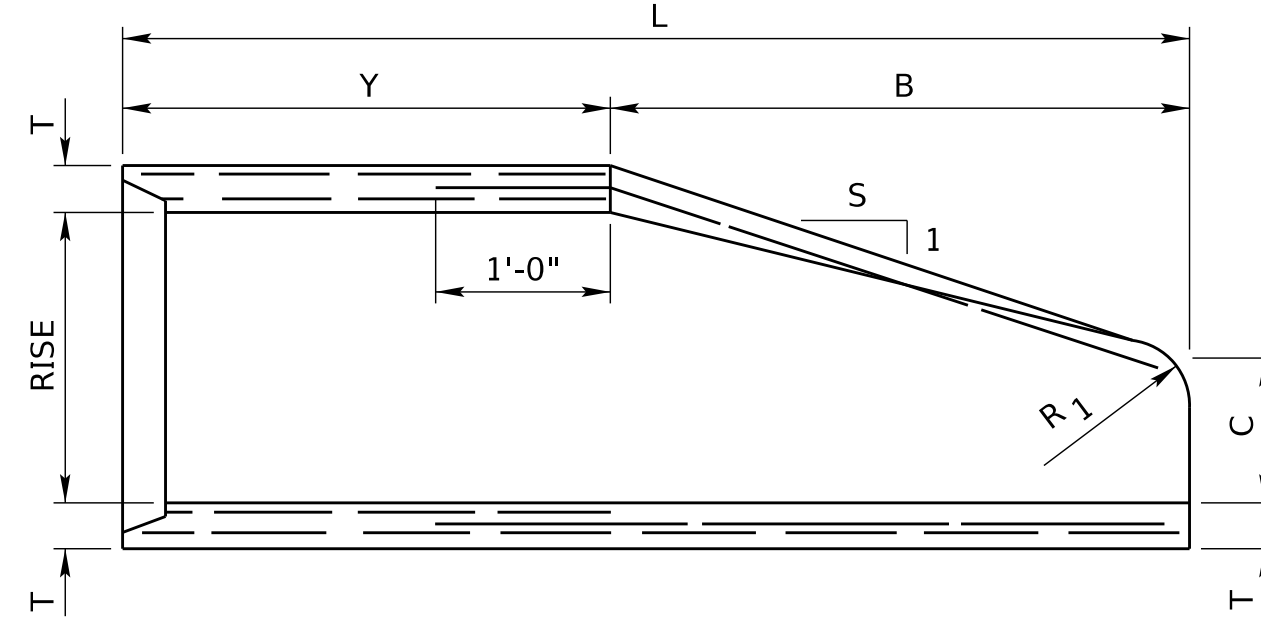


ELEVATION

DETAILS OF CONCRETE FLARED END SECTION
(FOR REINFORCED CONCRETE ELLIPTICAL PIPE)

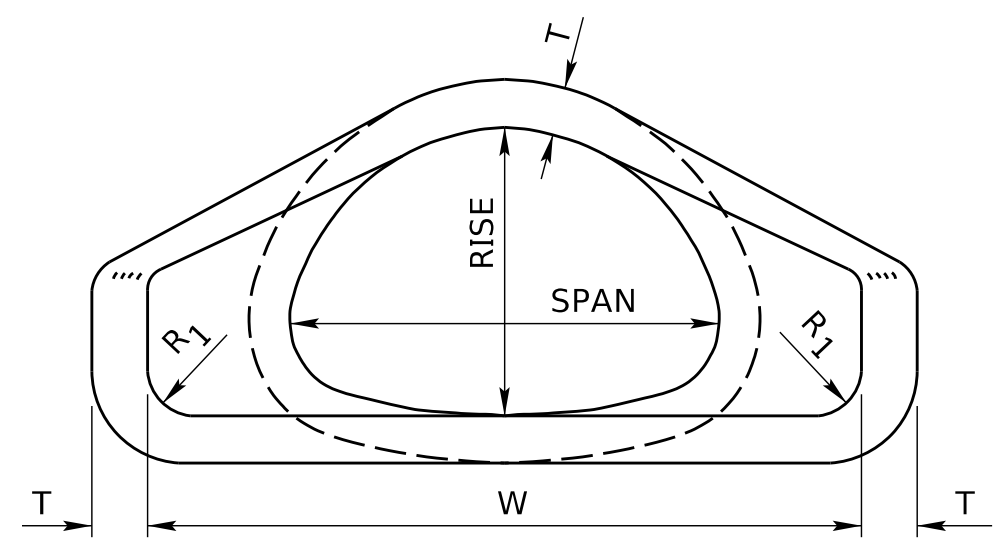


PLAN



SECTION

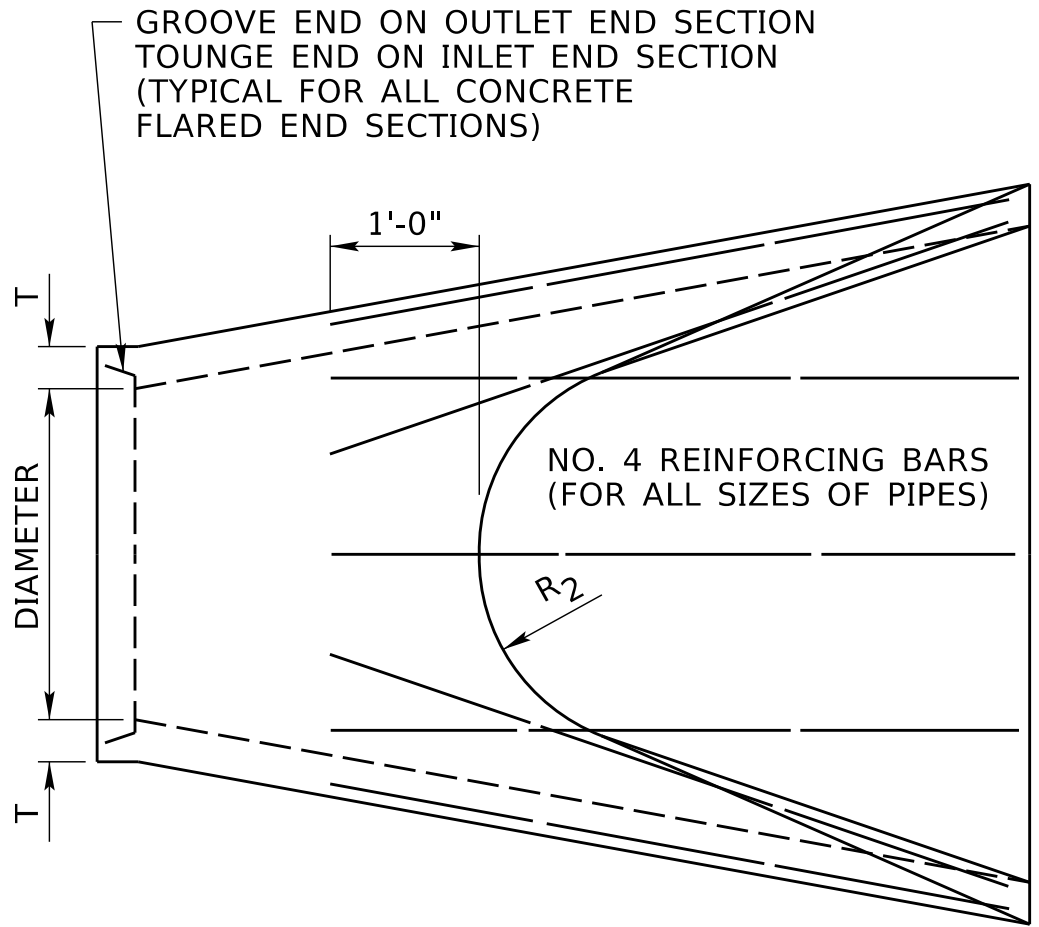
EQUIV. DIA.	NOMINAL DIMENSIONS										
	SPAN	RISE	L ± 6"	B	Y ± 4½"	C	W ± 2"	R1	R2	S APPROX.	T MIN.
18"	22"	14"	6'-0"	2'-3"	3'-9"	7"	3'-0"	2"	1'-0"	2.2	2½"
24"	29"	18"	6'-0"	3'-3"	2'-9"	9"	4'-0"	3"	1'-2"	2.4	3"
30"	36"	23"	8'-0"	4'-0"	4'-0"	10"	5'-0"	3"	1'-3"	2.3	3½"
36"	44"	27"	8'-0"	5'-0"	3'-0"	11"	6'-0"	6"	1'-8"	2.4	4"
42"	51"	32"	8'-0"	5'-0"	3'-0"	1'-4"	6'-6"	6"	1'-10"	2.4	4½"
48"	59"	36"	8'-0"	5'-0"	3'-0"	1'-9"	7'-0"	6"	1'-10"	2.3	5"
54"	65"	40"	8'-0"	5'-0"	3'-0"	2'-0"	7'-6"	6"	2'-0"	2.1	5½"
60"	74"	45"	8'-0"	5'-0"	3'-0"	2'-3"	8'-0"	6"	1'-9"	2	6"
72"	88"	54"	8'-4"	6'-6"	1'-10"	2'-11"	10'-0"	6"	2'-0"	2	7"



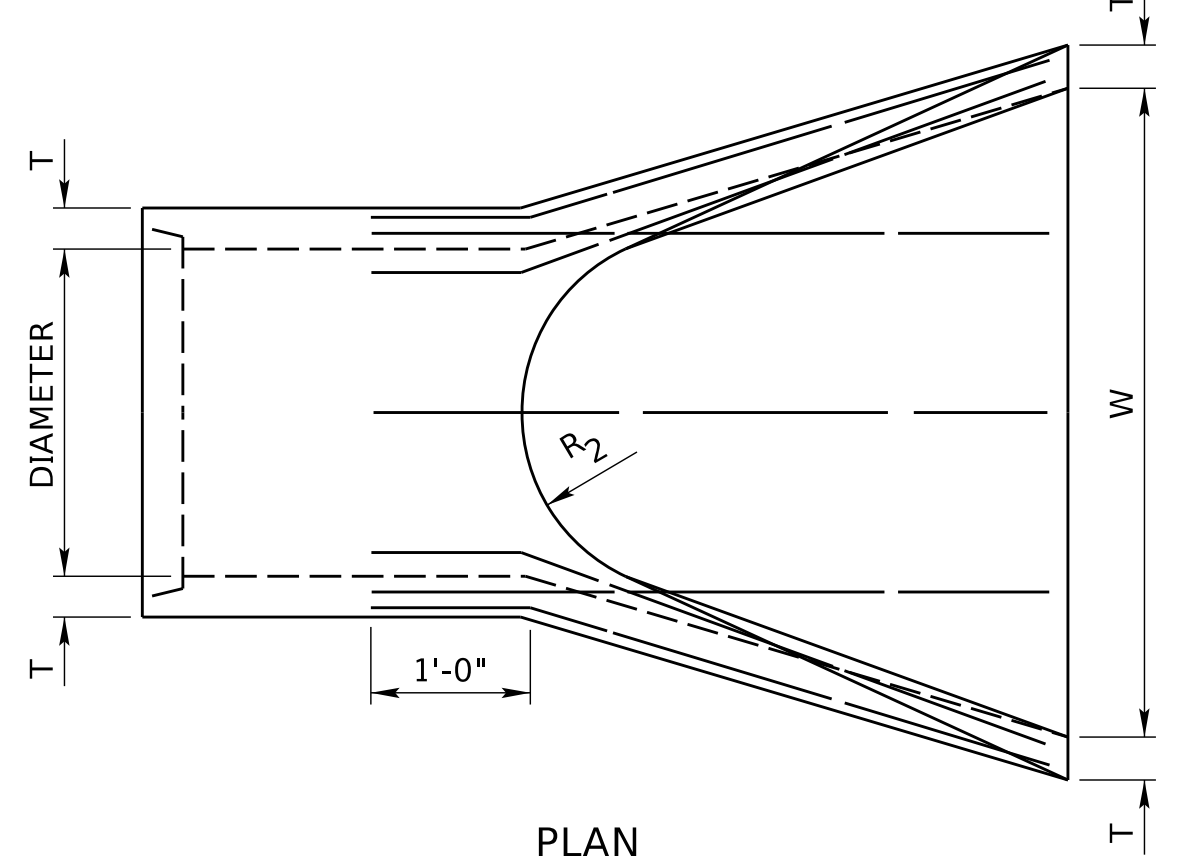
ELEVATION

DETAILS OF CONCRETE FLARED END SECTION
(FOR REINFORCED CONCRETE PIPE-ARCH)**
**ARCH CONCRETE PIPE IS NOT READILY AVAILABLE IN NEBRASKA

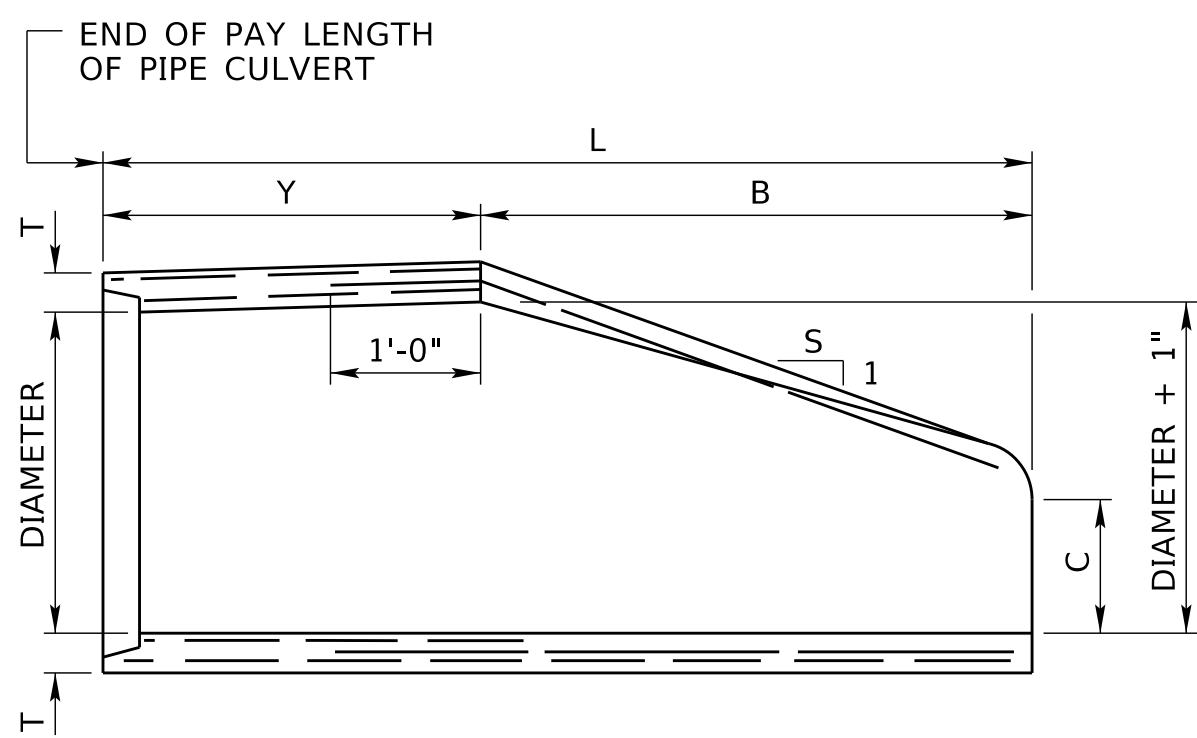
PIPE DIA.	NOMINAL DIMENSIONS								
	L ± 6"	B	Y ± 4½"	C	W ± 2"	R1	R2	S APPROX.	T MIN.
12"	6'-0½"	2'-0"	4'-0½"	4"	2'-0"	1'-0½"	9"	3	2"
15"	6'-1"	2'-3"	3'-10"	6"	2'-6"	1'-0½"	11"	3	2½"
18"	6'-1"	2'-3"	3'-10"	9"	3'-0"	1'-3½"	1'-0"	3	2½"
24"	6'-1½"	3'-7½"	2'-6"	9½"	4'-0"	1'-4 1/16"	1'-2"	3	3"
30"	6'-1½"	4'-6"	1'-7¼"	1'-0"	5'-0"	1'-6½"	1'-3"	3	3½"
36"	8'-1½"	5'-3"	2'-10¾"	1'-3"	6'-0"	2'-0 5/16"	1'-8"	3	4"
42"	8'-2"	5'-3"	2'-11"	1'-9"	6'-6"	2'-3 1/2"	1'-10"	3	4½"
48"	8'-2"	6'-0"	2'-2"	2'-0"	7'-0"	2'-4 1/2"	1'-10"	3	5"
54"	8'-4"	5'-5"	2'-11"	2'-3"	7'-6"	2'-9 1/8"	2'-0"	2.4	5½"
60"	8'-3"	5'-0"	3'-3"	2'-6"	8'-0"	3'-0 1/16"	2'-0"	2	6"
66"	8'-3"	6'-6"	1'-9"	2'-6"	9'-0"	3'-0 1/8"	2'-0"	2	6½"
72"	8'-3"	6'-6"	1'-9"	2'-6"	9'-0"	3'-2 1/16"	2'-0"	2	7"



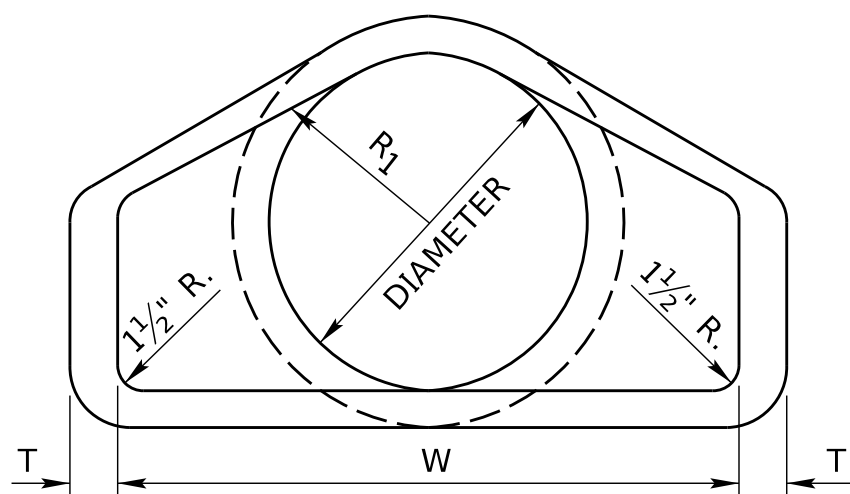
PLAN



PLAN



SECTION



ELEVATION

DETAILS OF CONCRETE FLARED END SECTION
(FOR REINFORCED CONCRETE PIPE)

NOTES

CONCRETE FOR FLARED END SECTIONS SHALL BE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF AASHTO DESIGNATION M170, M206, AND M207, FOR CLASS II PIPE.

REINFORCEMENT IN THE "Y" SECTION SHALL BE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF AASHTO DESIGNATION M170, M206, AND M207, FOR CLASS II PIPE.

IN ADDITION TO THE REINFORCING BARS SHOWN, REINFORCEMENT IN THE "B" SECTION SHALL HAVE A CROSS-SECTIONAL AREA EQUAL TO THAT OF ONE LAYER OF STEEL IN THE "Y" SECTION.

ACCORDING TO AASHTO DESIGNATION M170, M206 AND M207, ALTERNATIVE REINFORCEMENT DESIGN AND CONCRETE ADDITIVES SHALL BE EVALUATED ON A CASE-BY-CASE BASIS.

R5	JUN 23	ADDITIONAL NOTES & INFORMATION
R4	JAN 18	NDOR BORDER TO NDOT BORDER
R3	AUG 99	CHANGED NOTES
REV. NO.	DATE	DESCRIPTION OF REVISION

NEBRASKA DEPARTMENT OF TRANSPORTATION
STANDARD PLAN NO. 410-R5
FLARED END SECTIONS
FOR CULVERT PIPES

ACCEPTED BY FHWA FOR USE ON THE
NATIONAL HIGHWAY SYSTEM:

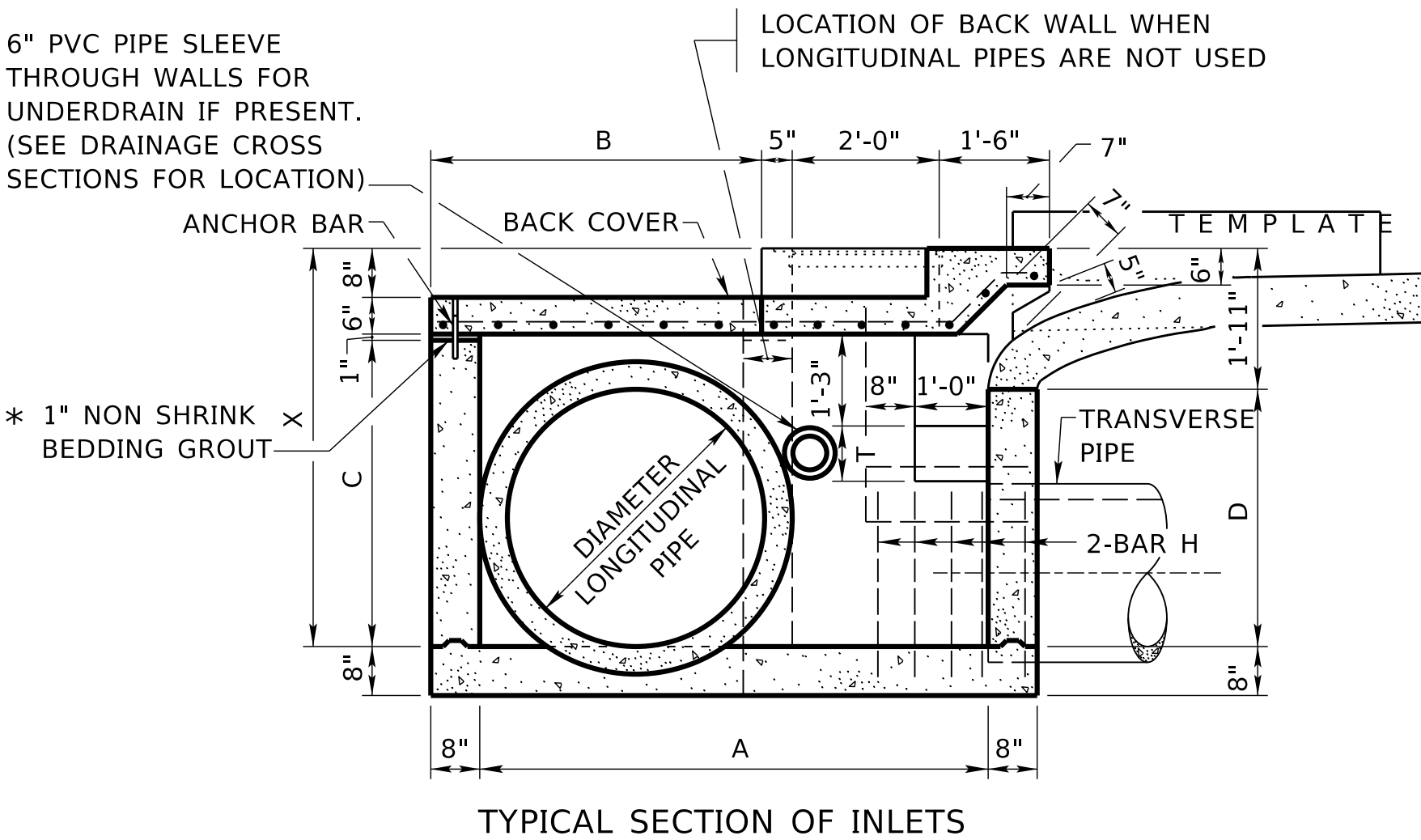
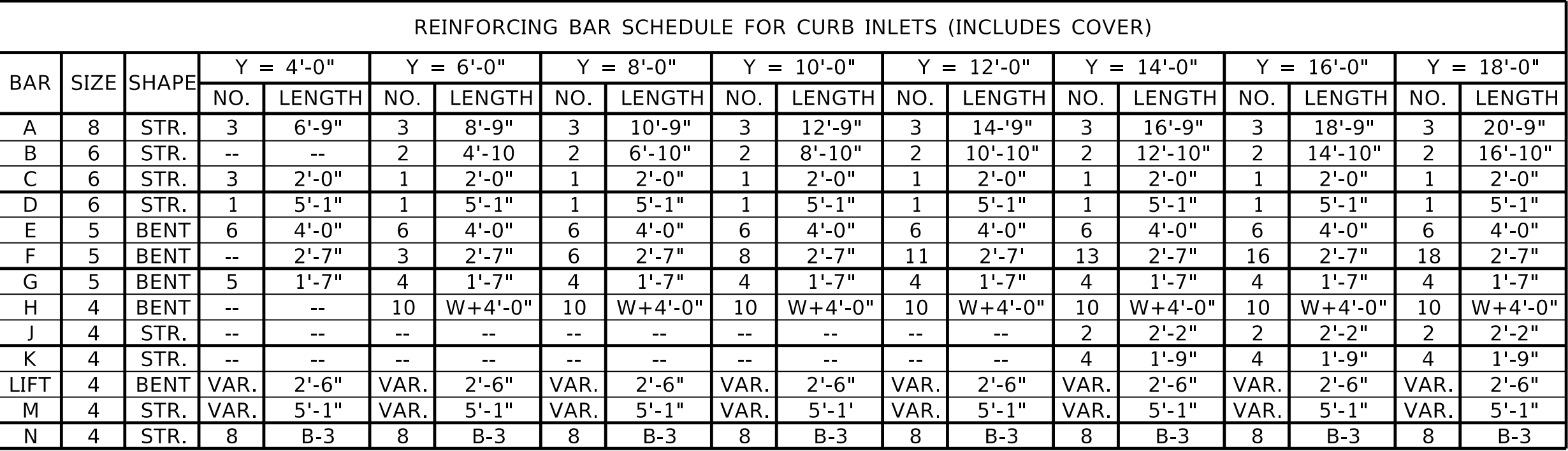


DATE

ORIGINAL:
FEBRUARY 22, 1974
DATE

2

2



CURB INLET COVER QUANTITIES		
Y'	CONCRETE (CU.YDS.)	REINFORCING (LB.)
4'-0"	0.62	46
6'-0"	0.72	58
8'-0"	0.82	71
10'-0"	0.92	83
12'-0"	1.02	95
14'-0"	1.12	112
16'-0"	1.22	122
18'-0"	1.32	136

* GROUT SHALL BE FINISHED SUCH THAT THE TOP ELEVATION OF THE INLET LID, WHEN INSTALLED, MATCHES THE FINISHED SHOULDER SLOPE OF THE ROADWAY CROSS-SECTIONS.

NOTES:
THE MINIMUM COVERING, MEASURED FROM THE FACE OF CONCRETE TO THE SURFACE OF ANY REINFORCING BAR, SHALL BE 1½".

THE QUANTITIES OF CONCRETE AND STEEL FOR CURB INLET INCLUDES THAT PORTION OF CONCRETE AND STEEL BELOW AND BACK OF THE CURB SECTION AS SHOWN ON THIS PLAN.

THE CONCRETE COVERS MAY BE CAST IN PLACE OR PRECAST.

THE CAST IRON COVERS, FRAMES SHALL BE GREY IRON CONFORMING TO THE SPECIFICATIONS. CAST IRON STEPS SHALL BE INSTALLED IN CURB INLETS AND JUNCTION BOXES WHEN THE "X" DIMENSION IS 4'-6" OR GREATER. THE FURNISHING AND PLACING OF CAST IRON STEPS SHALL BE SUBSIDIARY TO THE ITEM FOR WHICH DIRECT PAYMENT IS MADE.

THE GUTTER DEPRESSION TEMPLATE SHALL BE USED THROUGHOUT THE THROAT OPENING.

CLASS OF CONCRETE AND MINIMUM COMPRESSIVE STRENGTH AND TYPE OF STEEL FOR REINFORCING BARS SHALL CONFORM TO THE NDOT "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION."

THE INLET COVER SHALL BE IMPRINTED "NO DUMPING" SEE SHEET 2.

DATA FOR CURB INLETS (INCLUDES INLET COVER)																								
DIA. OF LONGIT. PIPE	DIMENSIONS					QUANTITIES																NO. OF M BARS	ADDITIONAL QUANTITIES PER ONE FOOT INCREASE OF DIMENSION "X"	
	X ① (MIN.)	A②	B	C	D	CONCRETE, CU. YDS. ③								REINFORCING STEEL, LBS.									CONCRETE CU. YDS.	REINF. STEEL LBS. ④
						Y=4'	Y=6'	Y=8'	Y=10'	Y=12'	Y=14'	Y=16'	Y=18'	Y=4'	Y=6'	Y=8'	Y=10'	Y=12'	Y=14'	Y=16'	Y=18'			
--	3'-11"	2'-8"	--	2'-8"	2'-0"	2.08	2.43	2.79	3.15	3.51	4.06	4.46	4.85	113	175	202	231	259	289	316	344	NONE	0.383	6.7
12"	2'-11"	4'-0"	1'-7"	1'-8"	1'-0"	2.14	2.51	2.86	3.21	3.56	3.95	4.30	4.65	133	186	216	245	274	310	340	364	3	0.459	6.7
15"	3'-2"	4'-4"	1'-11"	1'-11"	1'-3"	2.37	2.71	3.07	3.43	3.79	4.21	4.57	4.94	136	193	221	250	277	312	342	370	3	0.473	6.7
18"	3'-5"	4'-7"	2'-2"	2'-2"	1'-6"	2.60	2.95	3.30	3.67	4.03	4.44	4.80	5.16	141	200	228	257	284	318	349	376	4	0.490	6.7
21"	3'-8"	4'-11"	2'-6"	2'-5"	1'-9"	2.83	3.19	3.53	3.90	4.26	4.68	5.04	5.40	144	203	231	260	287	322	351	379	4	0.504	6.7
24"	3'-11"	5'-2"	2'-9"	2'-8"	2'-0"	3.06	3.41	3.76	4.12	4.49	5.04	5.43	5.83	148	210	238	267	294	324	352	379	5	0.518	6.7
27"	4'-2"	5'-6"	3'-1"	2'-11"	2'-3"	3.31	3.66	4.01	4.37	4.74	5.29	5.68	6.08	150	213	241	270	297	327	354	382	5	0.532	6.7
30"	4'-5"	5'-9"	3'-4"	3'-2"	2'-6"	3.54	3.89	4.25	4.61	4.97	5.52	5.92	6.32	151	217	244	273	301	331	358	385	5	0.547	6.7
36"	4'-11"	6'-4"	3'-11"	3'-8"	3'-0"	4.06	4.41	4.77	5.13	5.49	6.04	6.44	6.83	158	226	254	283	310	340	368	395	6	0.576	6.7
42"	5'-5"	6'-11"	4'-6"	4'-2"	3'-6"	4.60	4.95	5.31	5.67	6.03	6.58	6.98	7.38	164	236	264	293	320	350	378	405	7	0.605	6.7
48"	5'-11"	7'-6"	5'-1"	4'-8"	4'-0"	5.18	5.53	5.89	6.25	6.61	7.16	7.56	7.95	171	246	274	303	330	360	387	415	8	0.634	6.7
54"	6'-5"	8'-1"	5'-8"	5'-2"	4'-6"	5.78	6.13	6.49	6.85	7.21	7.76	8.16	8.56	174	253	280	309	337	367	394	421	8	0.663	6.7
60"	6'-11"	8'-8"	6'-3"	5'-8"	5'-0"	6.41	6.76	7.12	7.48	7.84	8.39	8.79	9.19	180	262	290	319	346	376	404	431	9	0.691	6.7
66"	7'-5"	9'-3"	6'-10"	6'-2"	5'-6"	7.07	7.42	7.78	8.14	8.50	9.05	9.45	9.85	187	272	300	329	356	386	414	441	10	0.720	6.7

T = 9" EXCEPT FOR THE FOLLOWING: T = 6" FOR 6'-0" TO 18'-0" OPENINGS WHEN X = 2'-11" THRU 3'-1" T = 1'-6" FOR 14'-0" TO 18'-0" OPENINGS WHEN X = 3'-11" THRU 7'-5"

- ① "X" SHALL NOT EXCEED 7'-6".
- ② "A" SHALL NOT EXCEED 10'-0".
- ③ NO DEDUCTIONS WILL BE MADE FOR PIPE OPENINGS.
- ④ NOT APPLICABLE WHERE $Y = 4'-0"$.

DIAMETER OF PIPE AND MINIMUM "X" IN THIS INLET DATA TABLE ARE BASED ON THE LONGITUDINAL PIPE. DEPTH OF THE INLET MAY BE GOVERNED BY THE TRANSVERSE PIPE (MINIMUM "D" = TRANSVERSE PIPE DIAMETER PLUS 9").

R13	DEC 22	ADDED 18 FOOT THROAT OPENING
R12	JUL 20	ADDED UNDERDRAIN NOTE & TABLE
R11	JAN 18	NDOR BORDER TO NDOT BORDER
REV. NO.	DATE	DESCRIPTION OF REVISION

NEBRASKA DEPARTMENT OF TRANSPORTATION

STANDARD PLAN NO. 443-R13

CURB INLETS

AND JUNCTION BOX

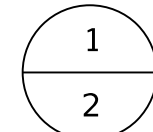
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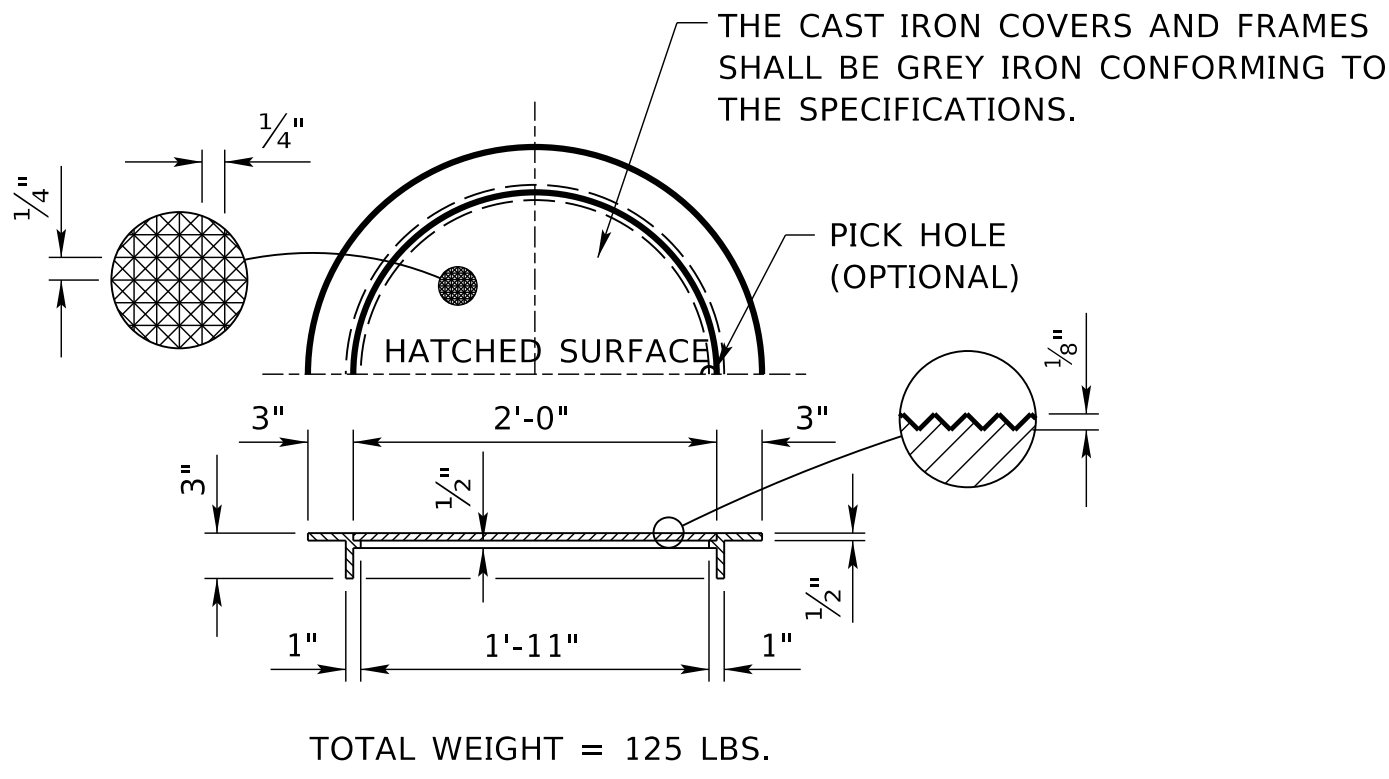
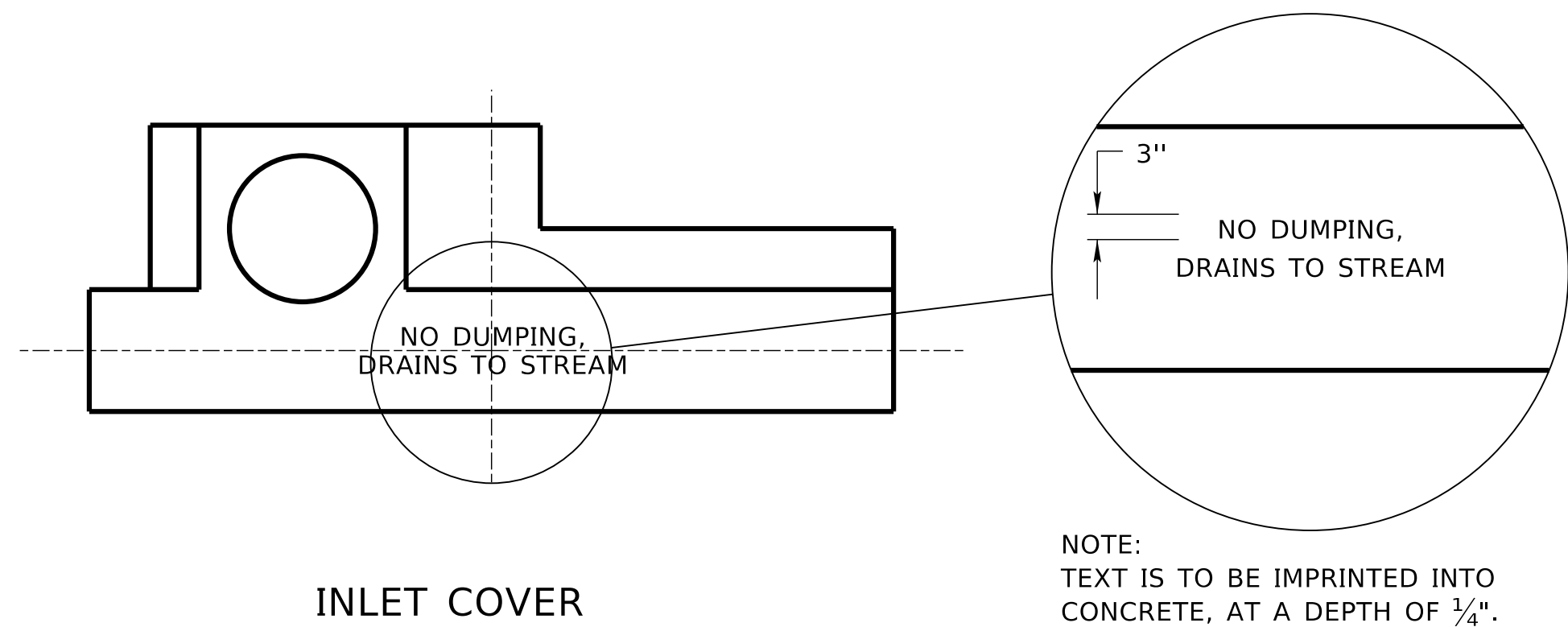
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ORIGINAL:

FEBRUARY 22, 1974

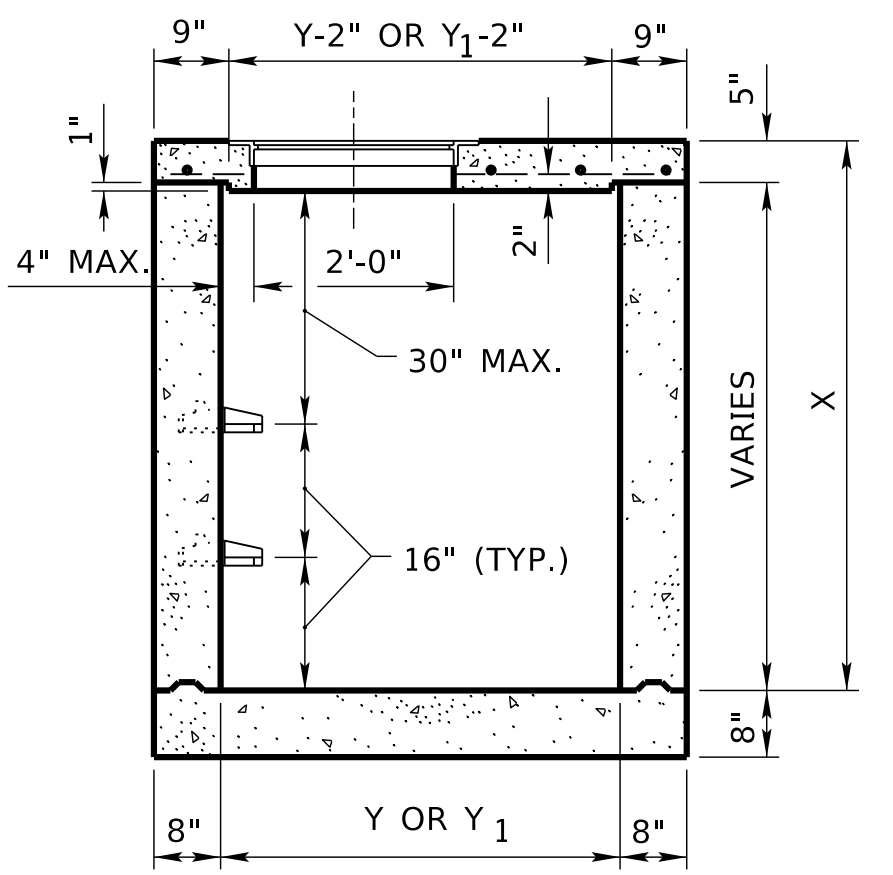
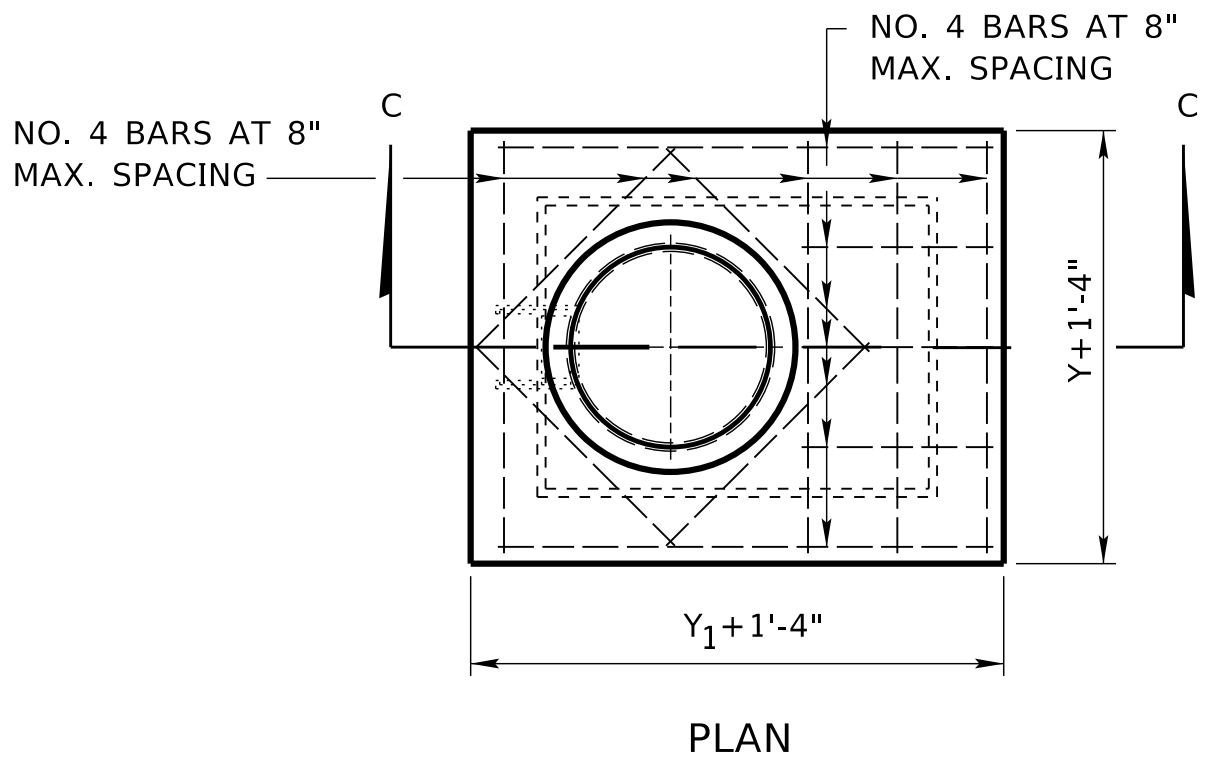
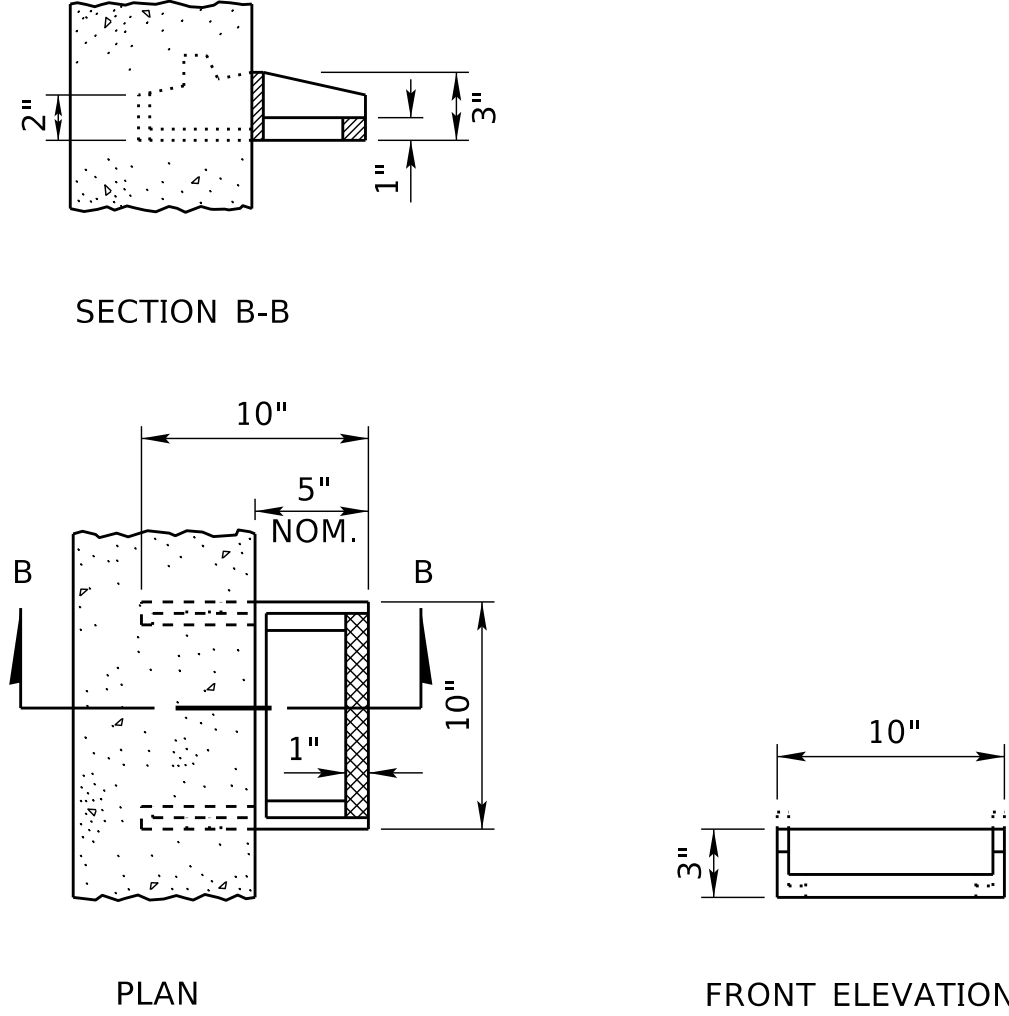
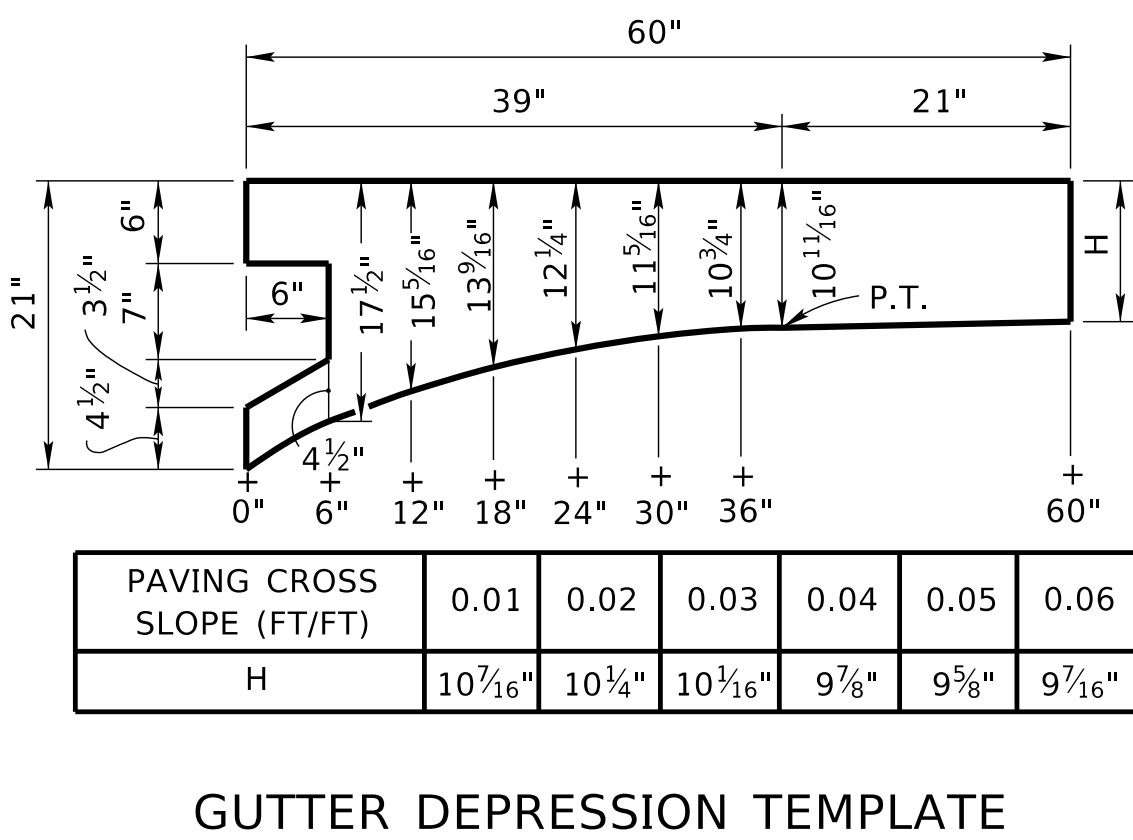
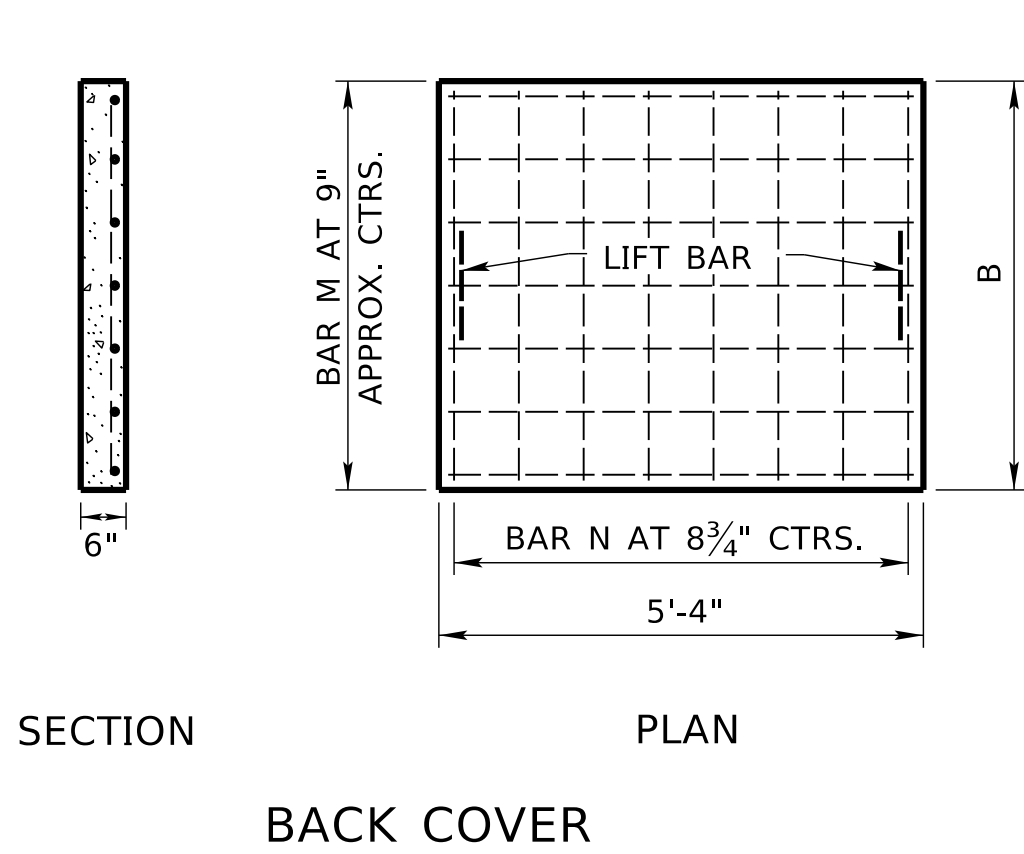
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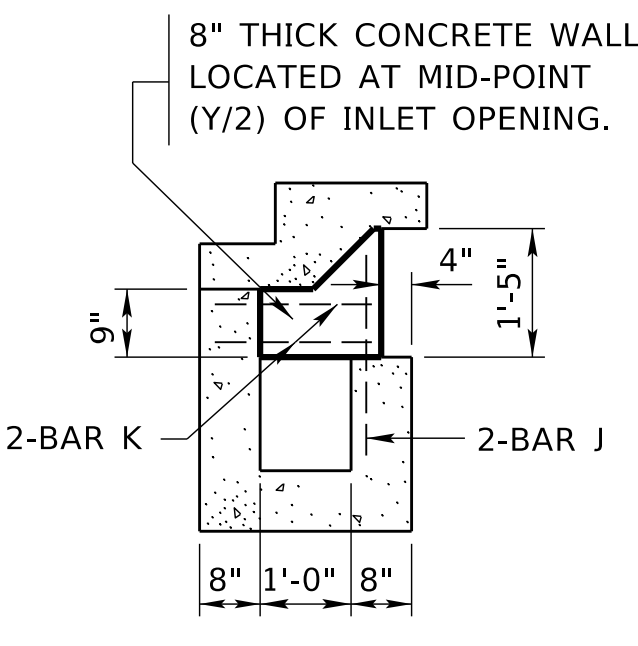
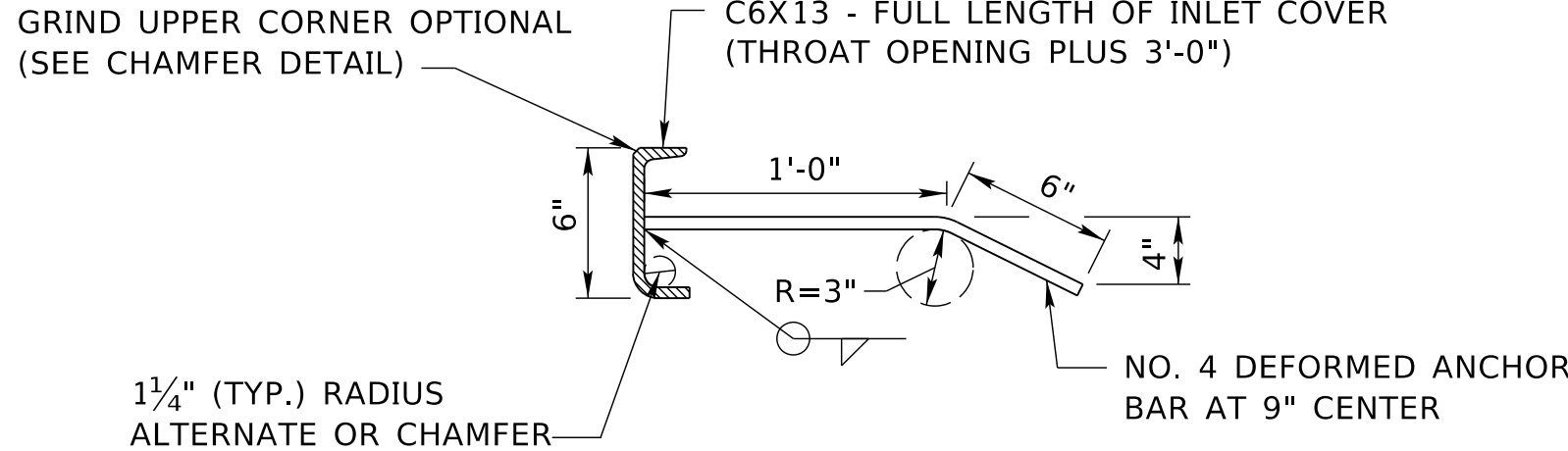


QUANTITIES FOR JUNCTION BOX			
SIZE Y x Y ₁	X = 2'-6"		ADDITIONAL QUANTITIES OF CONCRETE (CU. YDS.) PER ONE FOOT INCREASE OF DIMENSIONS "X"***
	CONCRETE CU. YDS.*	REINFORC. STEEL LBS.	
2'-0" x 2'-0"	0.94	15	0.26
2'-0" x 2'-6"	1.06	18	0.27
2'-0" x 3'-0"	1.18	23	0.31
2'-6" x 2'-6"	1.20	19	0.31
2'-6" x 3'-0"	1.33	22	0.34
3'-0" x 3'-0"	1.47	29	0.36
3'-0" x 3'-6"	1.61	30	0.39
3'-0" x 4'-0"	1.76	34	0.41

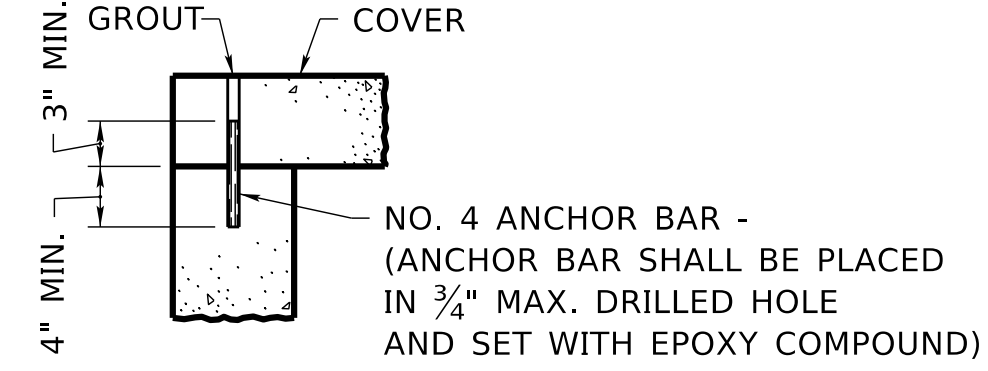
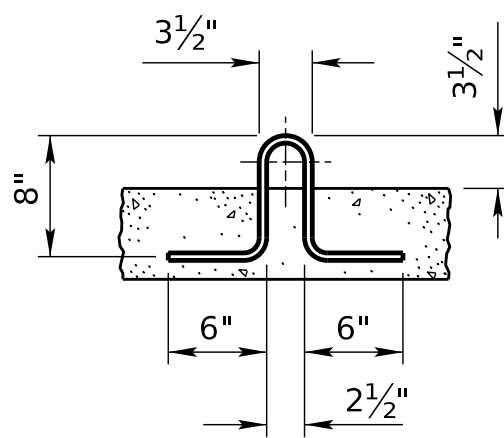
* NO DEDUCTIONS WILL BE MADE FOR PIPE OPENINGS
** DIMENSION "X" SHALL NOT EXCEED 5'-6"



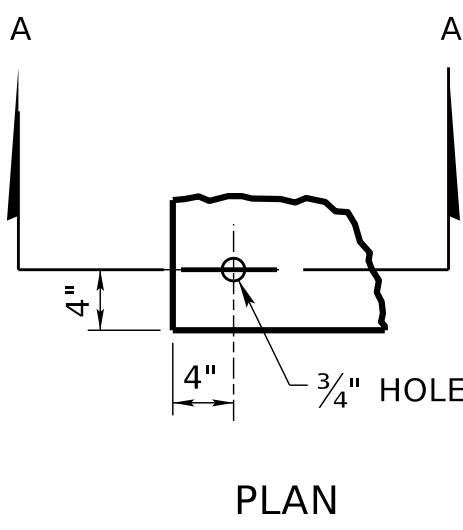
STRUCTURAL STEEL FOR FACE ARMOR	
THROAT OPENING	WEIGHT (LBS.)
4'-0"	100
6'-0"	129
8'-0"	157
10'-0"	186
12'-0"	215
14'-0"	243
16'-0"	272
18'-0"	300



MID-POINT
COVER SUPPORT



SECTION A-A



ANCHOR BAR

R13	DEC 22	ADDED 18 FOOT THROAT OPENING
R12	JUL 20	ADDED UNDERDRAIN NOTE & TABLE
R11	JAN 18	NDOR BORDER TO NDOT BORDER
REV. NO.	DATE	DESCRIPTION OF REVISION

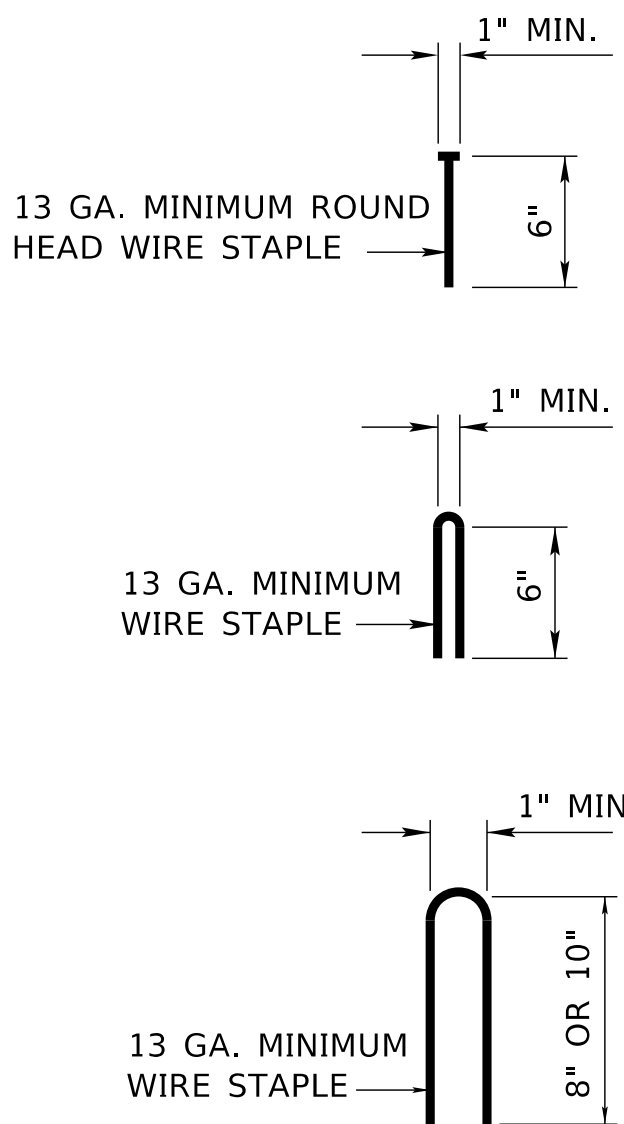
NEBRASKA DEPARTMENT OF TRANSPORTATION
STANDARD PLAN NO. 443-R13
**CURB INLETS
AND JUNCTION BOX**

ACCEPTED BY FHWA FOR USE ON THE
NATIONAL HIGHWAY SYSTEM:

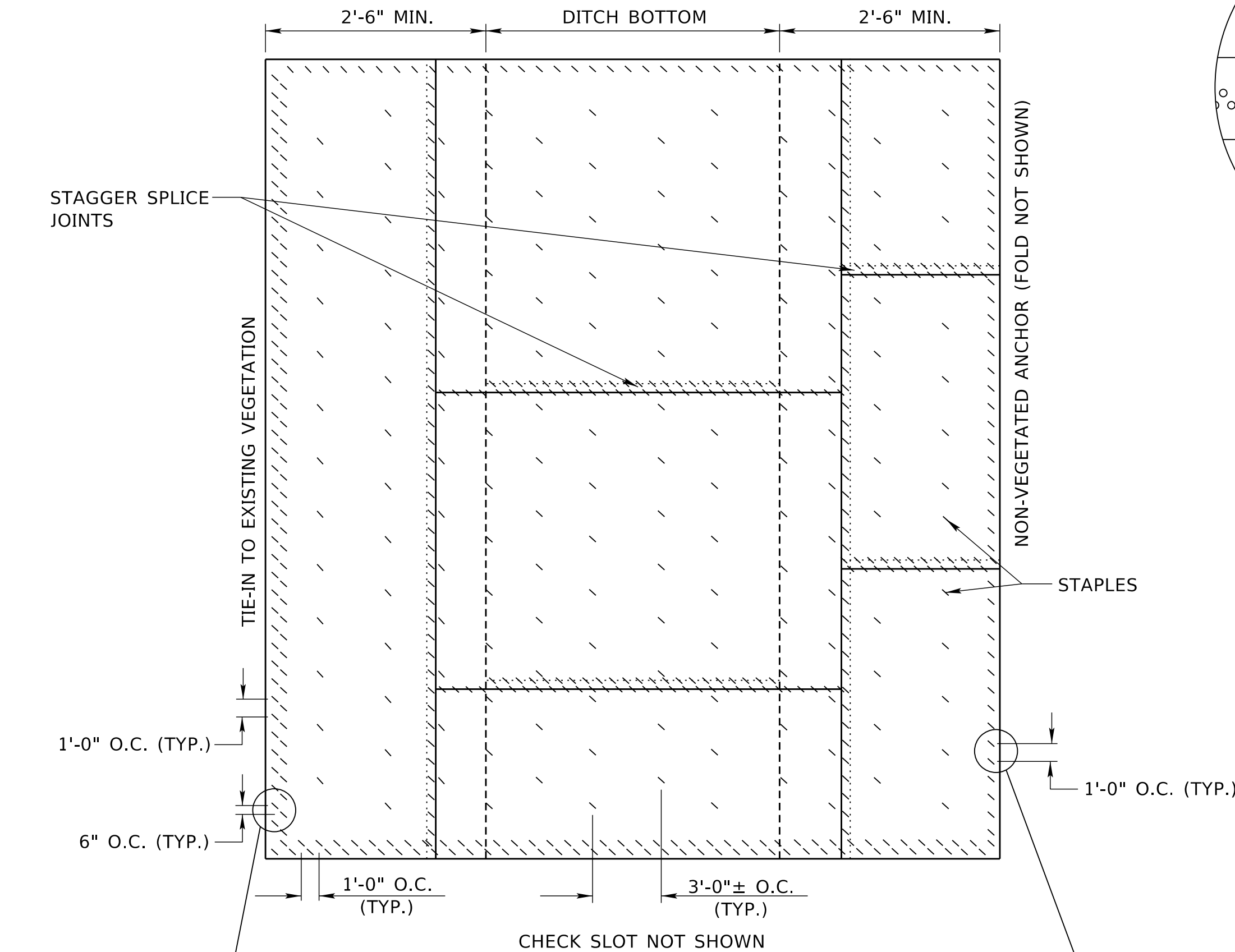
DATE

ORIGINAL:
FEBRUARY 22, 1974
DATE

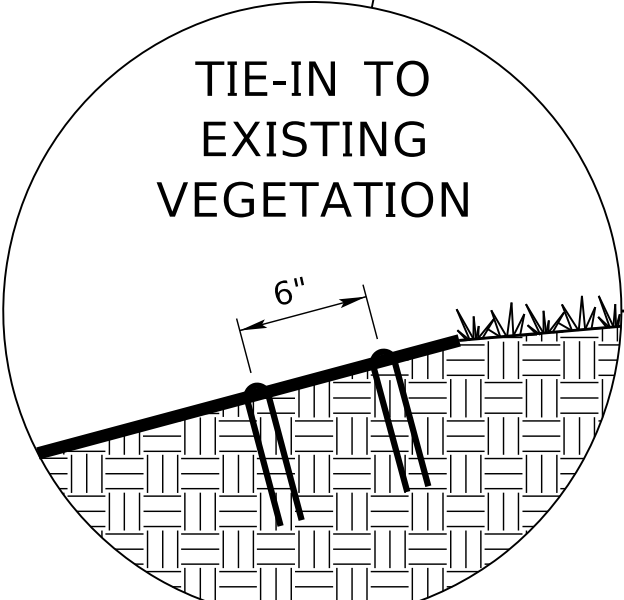
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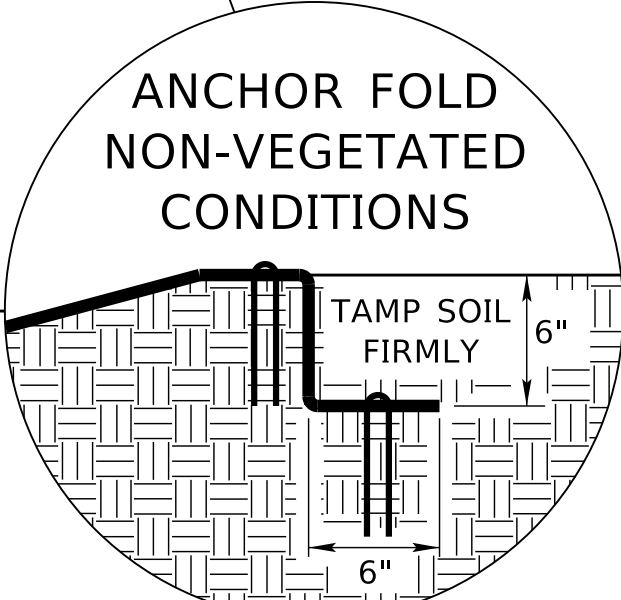
WIRE STAPLE DETAIL



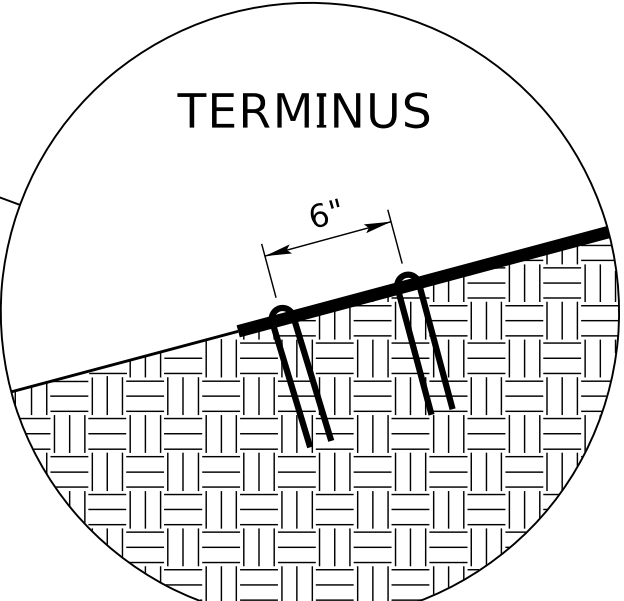
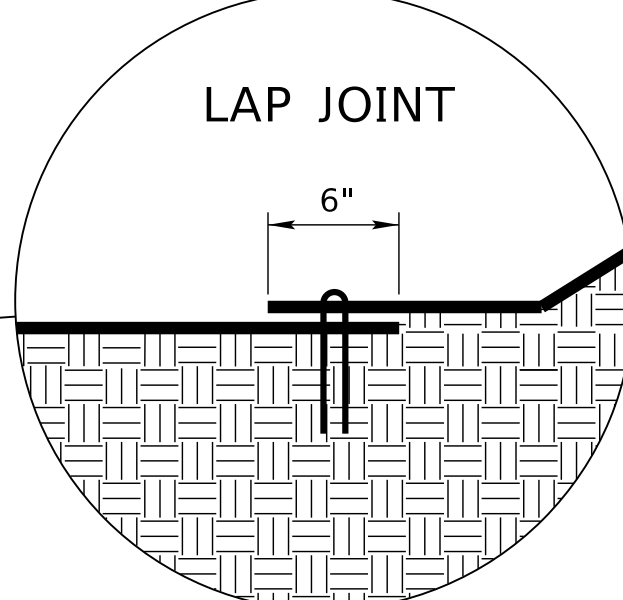
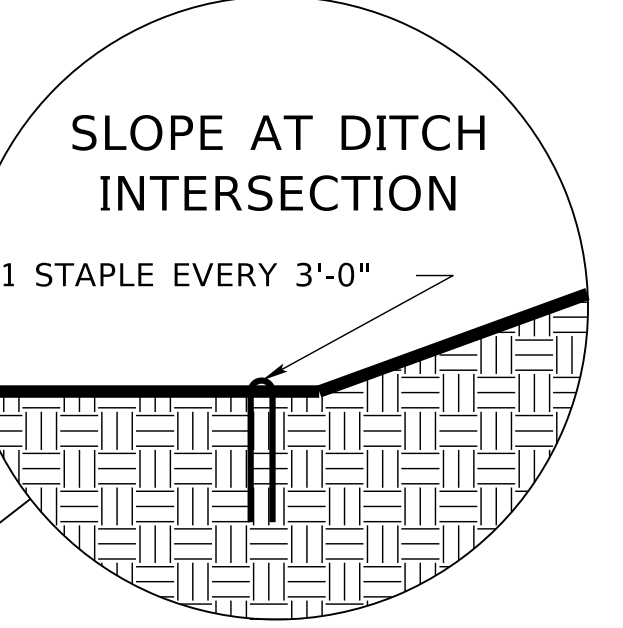
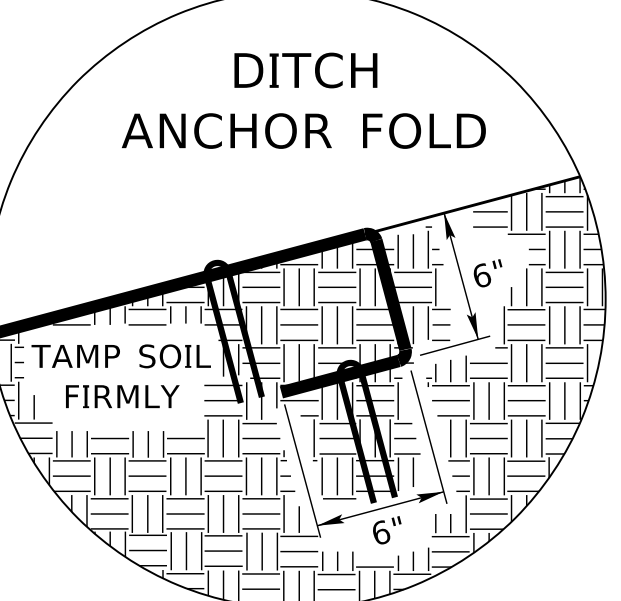
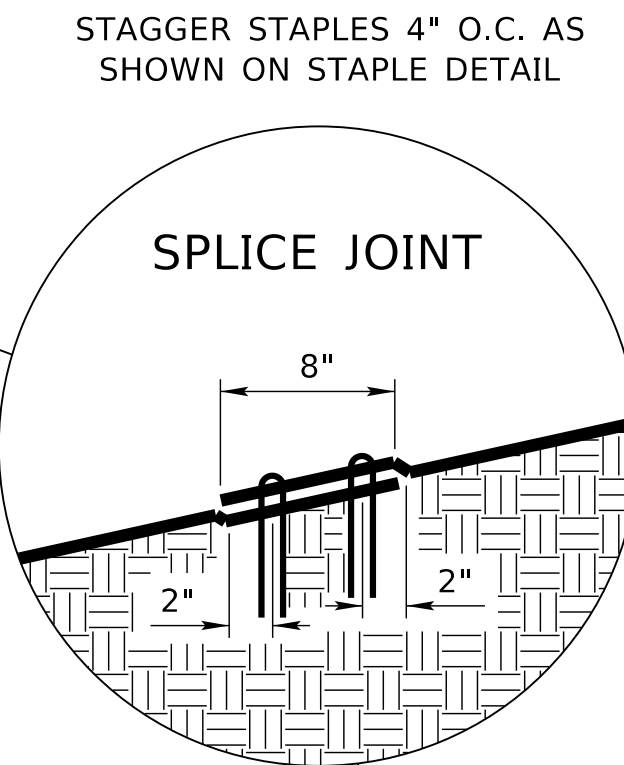
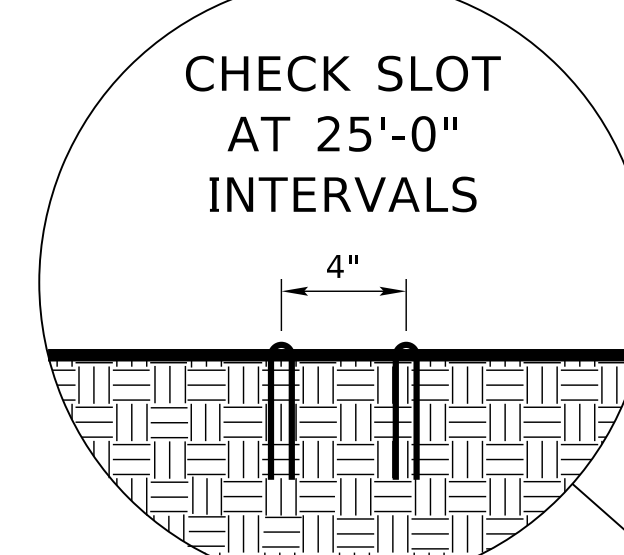
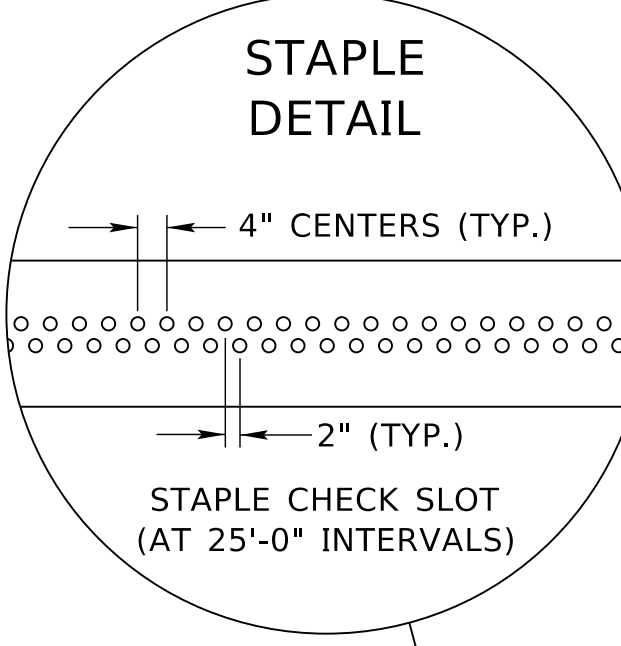
PLAN VIEW STAPLING DIAGRAM



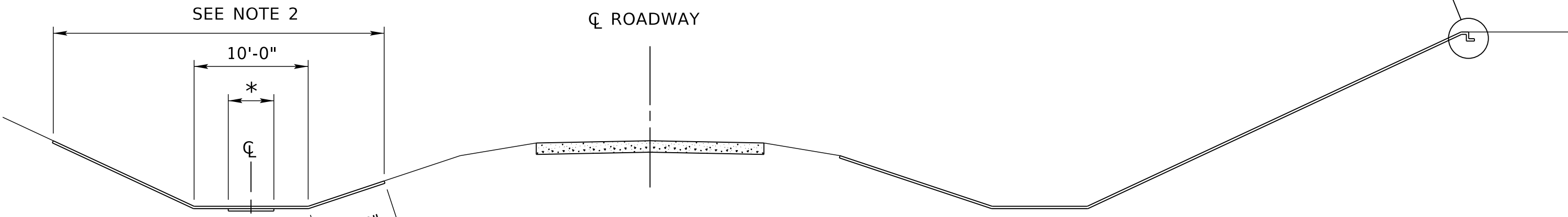
TIE-IN TO EXISTING VEGETATION



ANCHOR FOLD NON-VEGETATED CONDITIONS



TYPICAL EROSION CONTROL BLANKET INSTALLATION

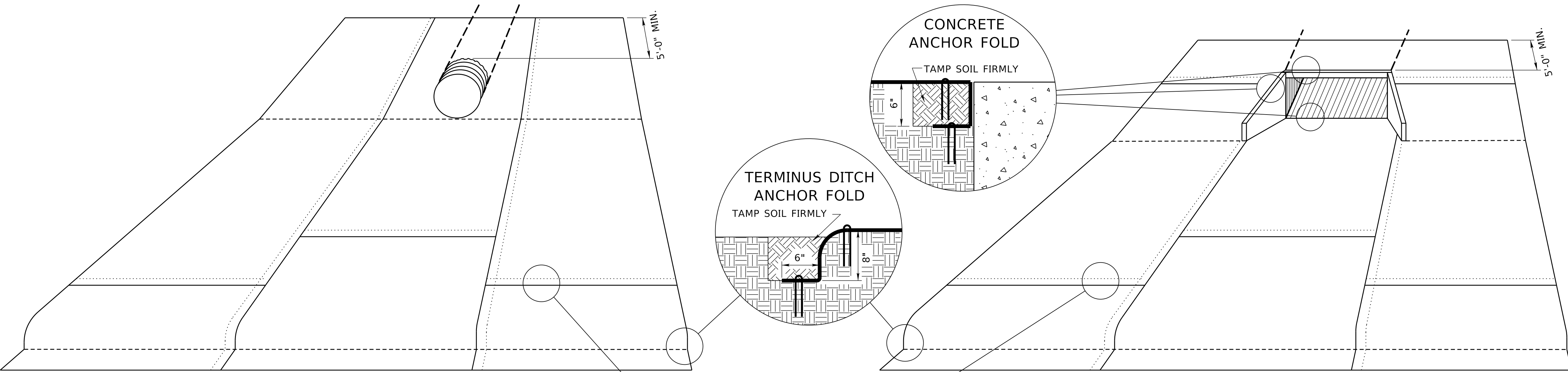


TYPICAL CROSS-SECTION

- NOTES:
- THIS PLAN IS APPLICABLE FOR THE FOLLOWING: EROSION CONTROL CLASS 1B, 1C, 1D, 1E, 1F, 2A, 2B & 2C.
 - SOIL RETENTION BLANKET SHALL BE LAID A MINIMUM OF 2'-6" UP THE BACKSLOPE AND FORESLOPE.
 - CHECK SLOTS ARE PLACED PERPENDICULAR TO DITCH CENTER LINE ON 25'-0" INTERVALS.
 - THE MANUFACTURERS' RECOMMENDED STAPLING PATTERNS SHALL GOVERN OVER THE PLANS.

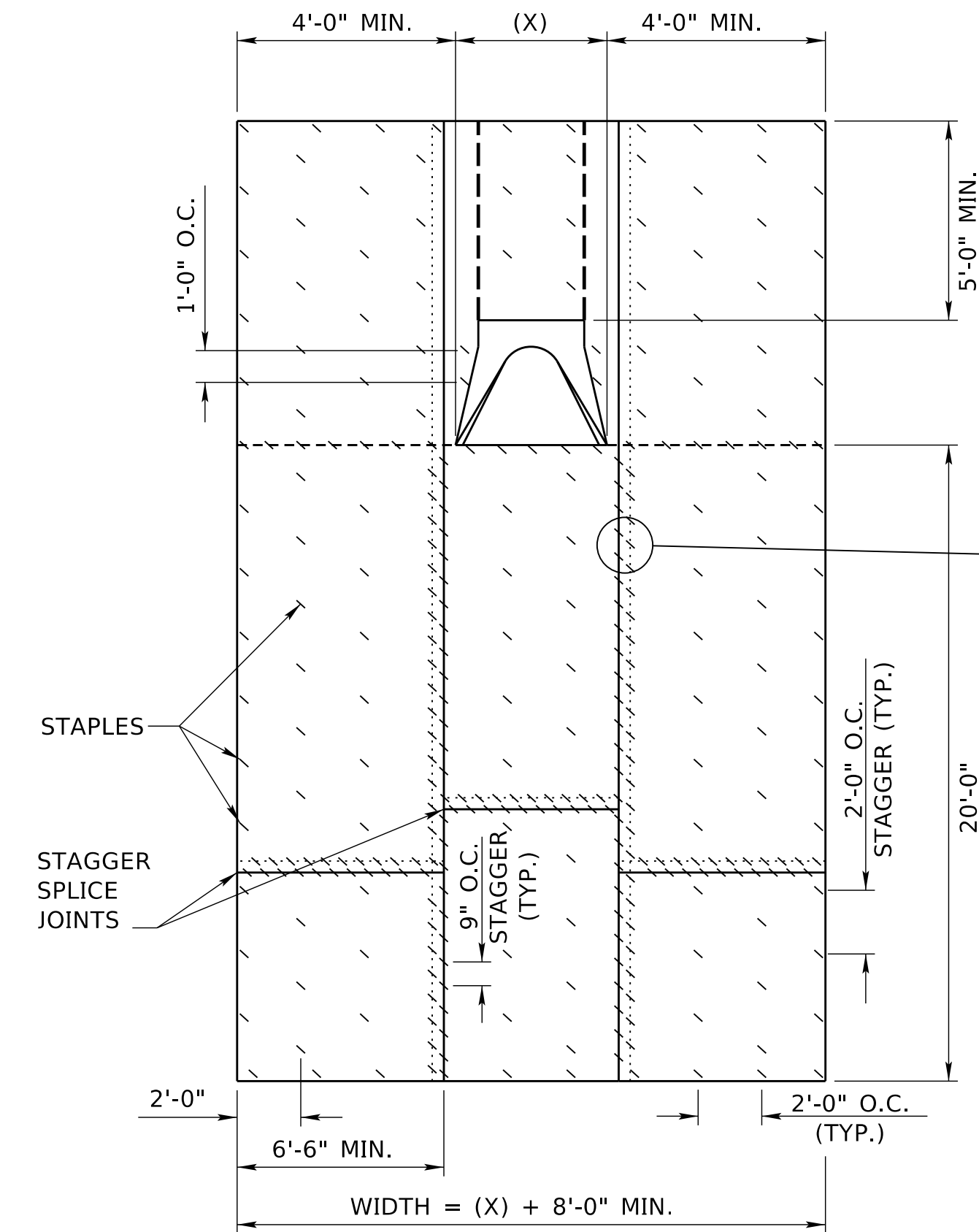
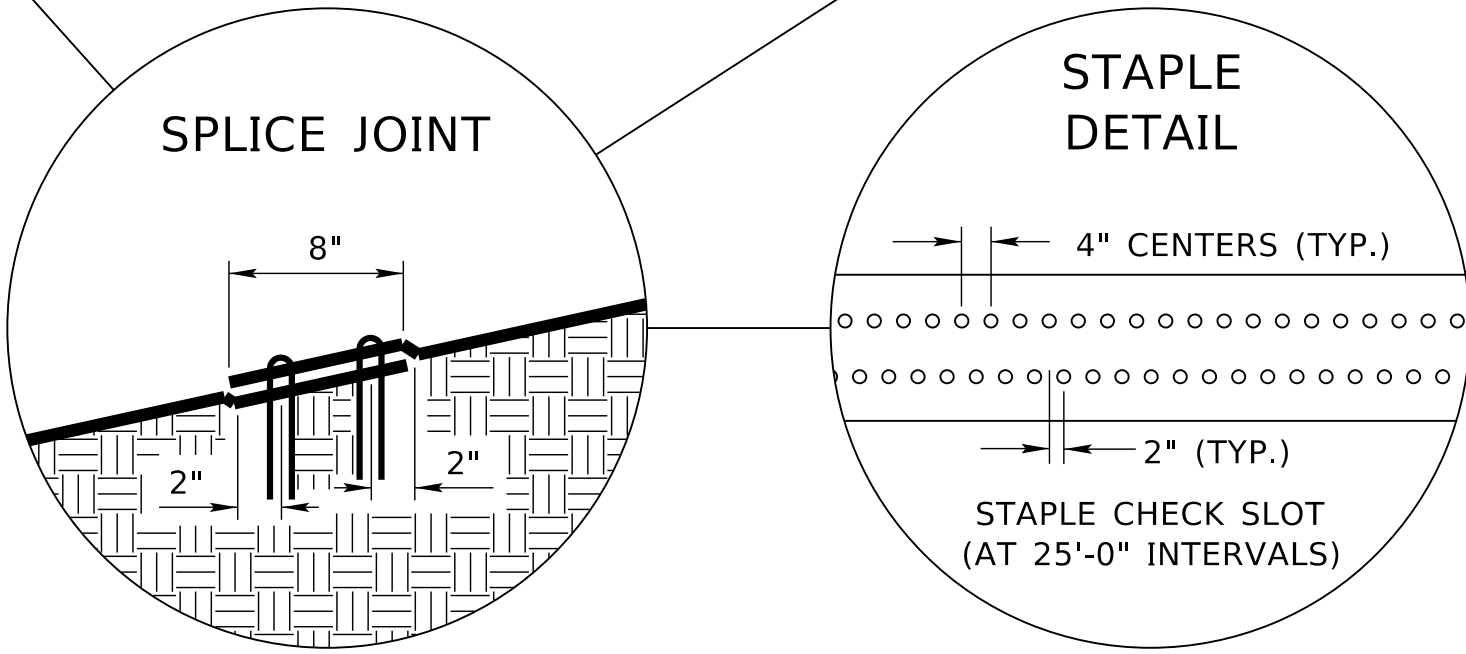
R7	JAN 18	NDOR BORDER TO NDOT BORDER
R6	APR 14	UPDATE INSTALLATION METHOD
R5	OCT 07	EROSION CONTROL AT SPLASH BASIN
REV. NO.	DATE	DESCRIPTION OF REVISION
NEBRASKA DEPARTMENT OF TRANSPORTATION STANDARD PLAN NO. 501-R7 EROSION CONTROL		
ACCEPTED BY FHWA FOR USE ON THE NATIONAL HIGHWAY SYSTEM:		
DATE		1 3
ORIGINAL: NOVEMBER 1973		
DATE		

* THE FIRST ROLL OF BLANKET SHALL BE LAID DOWN THE CENTER OF THE DITCH

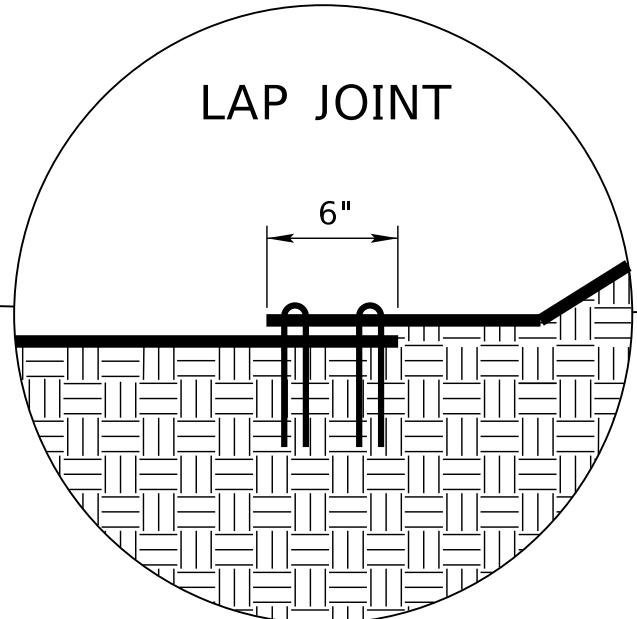


TYPICAL INSTALLATION AT PIPE CULVERT
(SHOWING STRAIGHT PIPE)

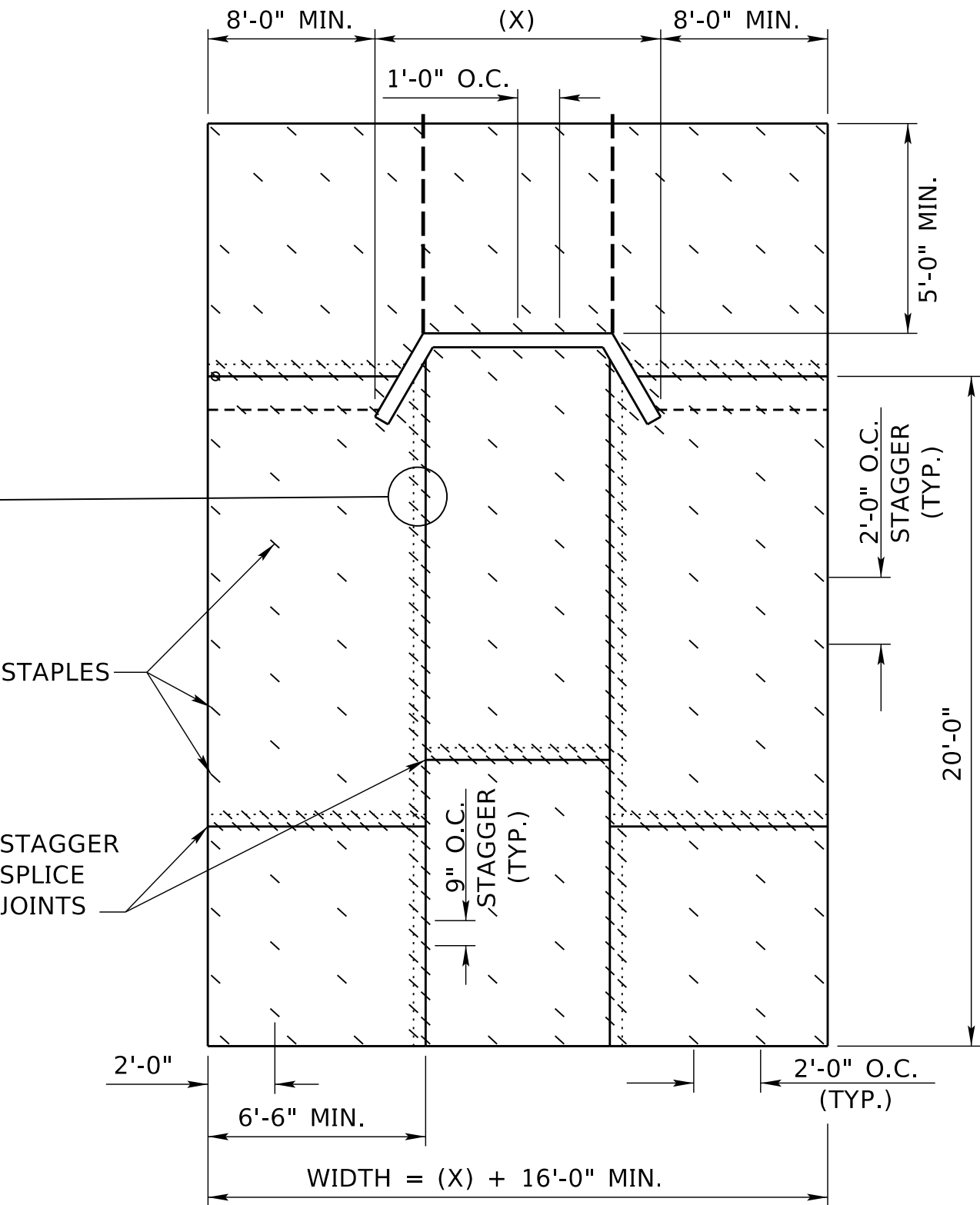
TYPICAL INSTALLATION AT BOX CULVERT



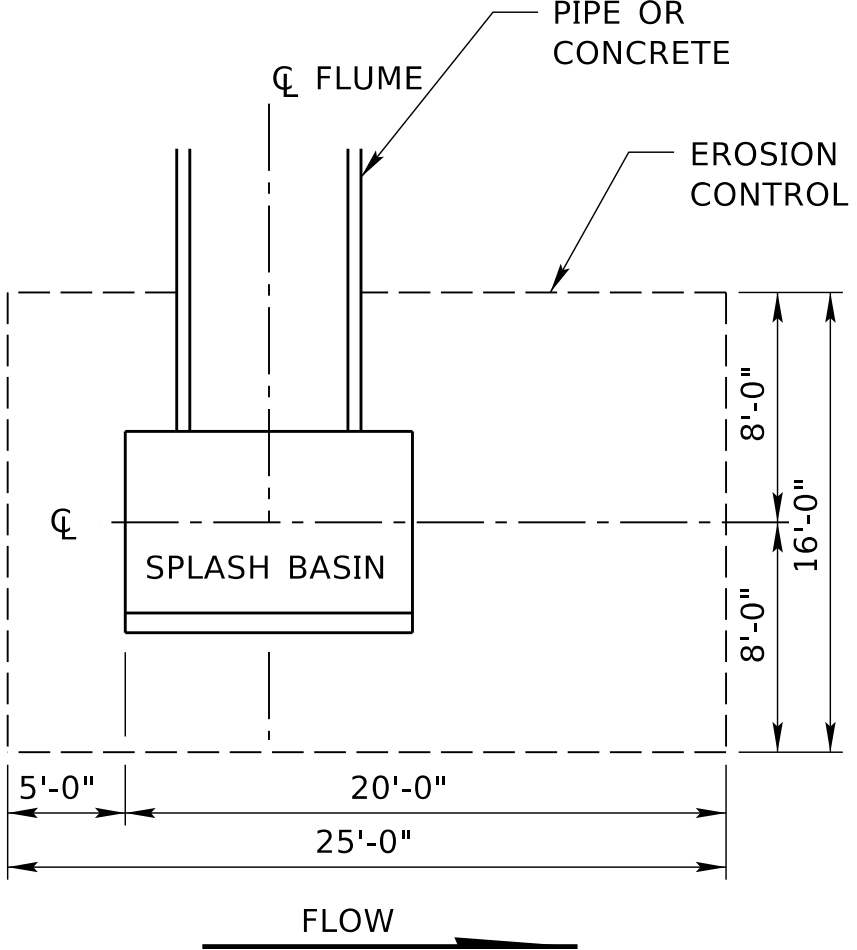
PLAN VIEW STAPLING DIAGRAM
(X) IS EQUAL TO THE OUTSIDE WIDTH
OF THE FLARED END SECTION



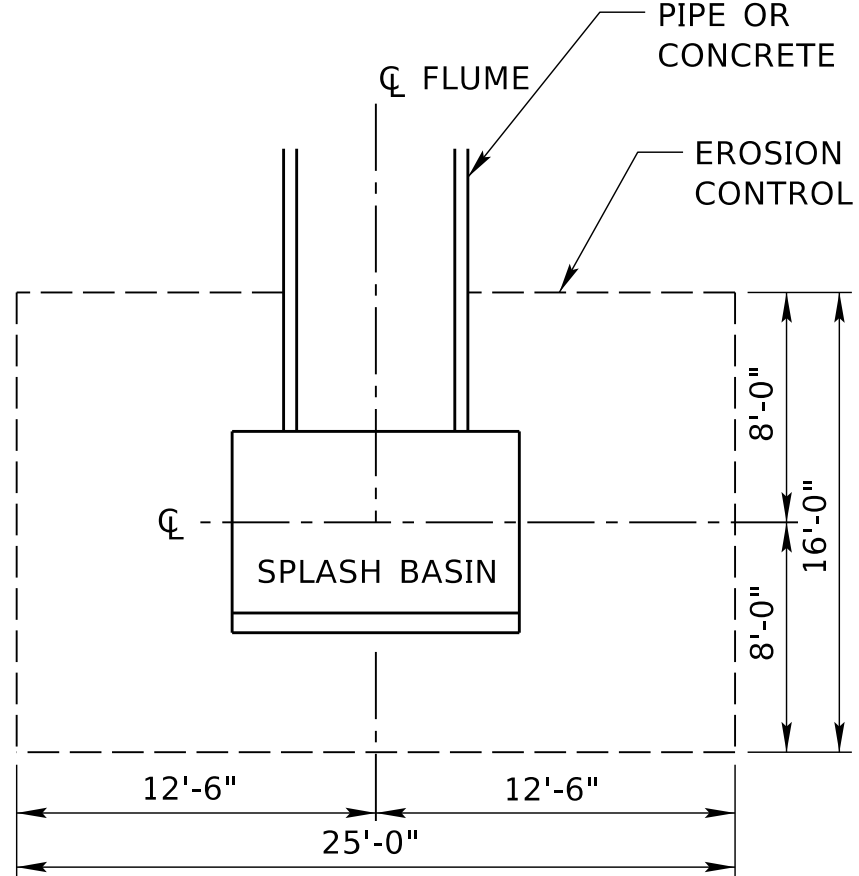
STAGGER STAPLES
EVERY 1'-0" O.C.
WITHIN 20'-0" OF PIPE



PLAN VIEW STAPLING DIAGRAM
(X) IS EQUAL TO THE OUTSIDE WIDTH
OF THE WING WALLS



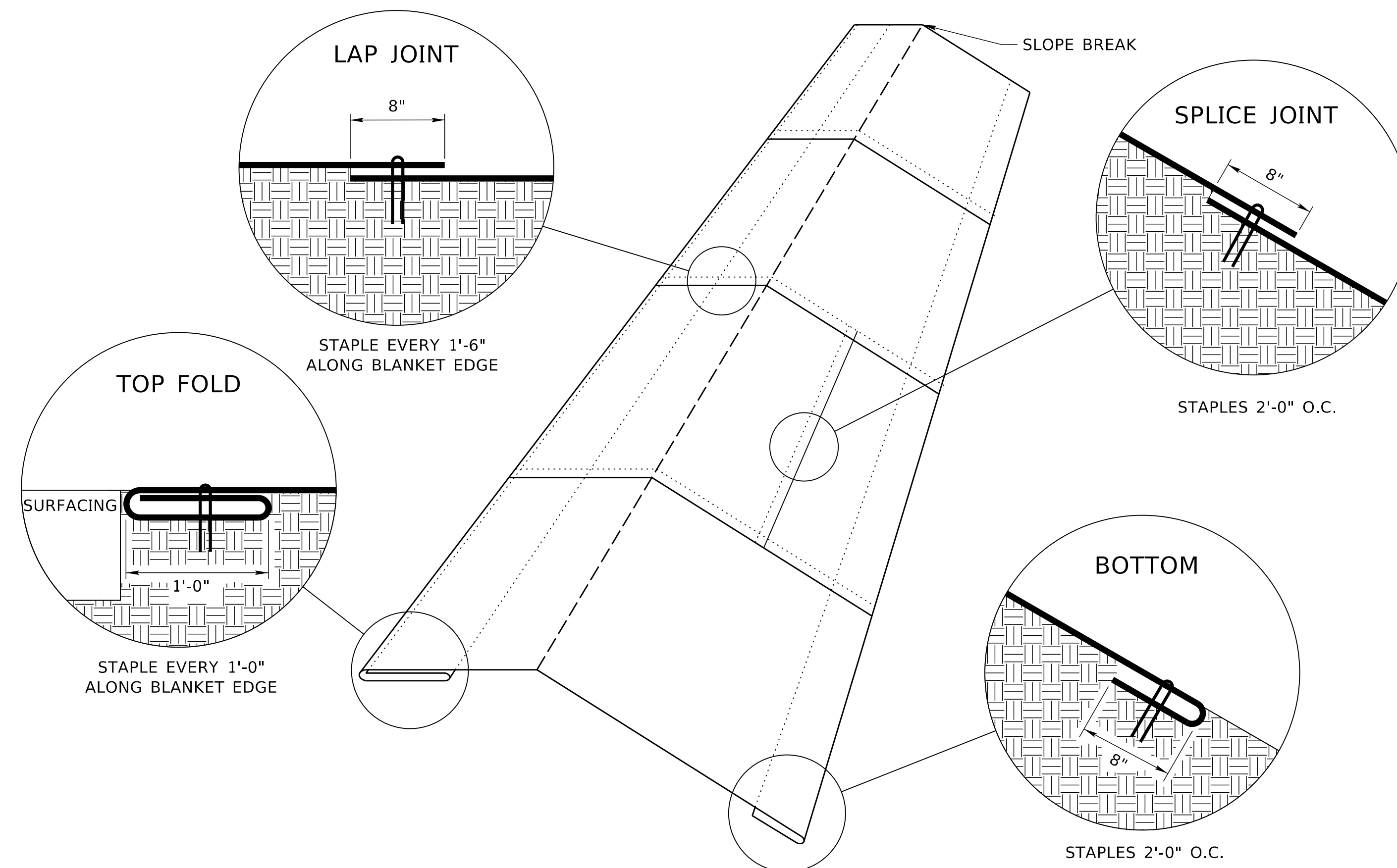
NOTE:
OFFSET EROSION CONTROL PLACEMENT
ALONG THE DRAINAGE PATH



NOTE:
CENTER EROSION CONTROL ON FLUME WHERE
THERE IS NO DEFINED DRAINAGE PATH

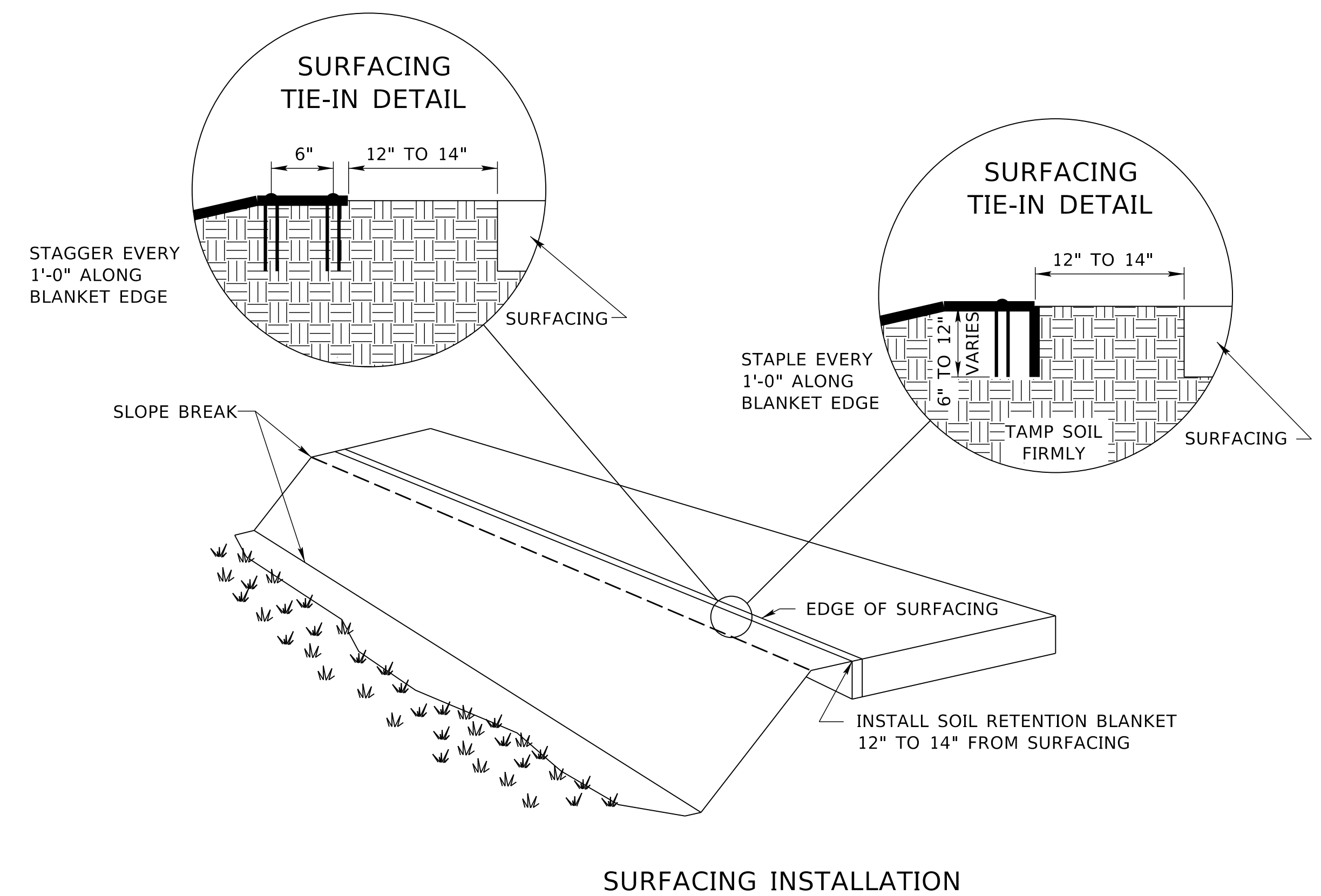
EROSION CONTROL BLANKET PLACEMENT AT SPLASH BASIN

R7	JAN 18	NDOR BORDER TO NDOT BORDER
R6	APR 14	UPDATE INSTALLATION METHOD
R5	OCT 07	EROSION CONTROL AT SPLASH BASIN
REV. NO.	DATE	DESCRIPTION OF REVISION
NEBRASKA DEPARTMENT OF TRANSPORTATION STANDARD PLAN NO. 501-R7 EROSION CONTROL		
ACCEPTED BY FHWA FOR USE ON THE NATIONAL HIGHWAY SYSTEM:		
DATE		2
ORIGINAL: NOVEMBER 1973		3
DATE		

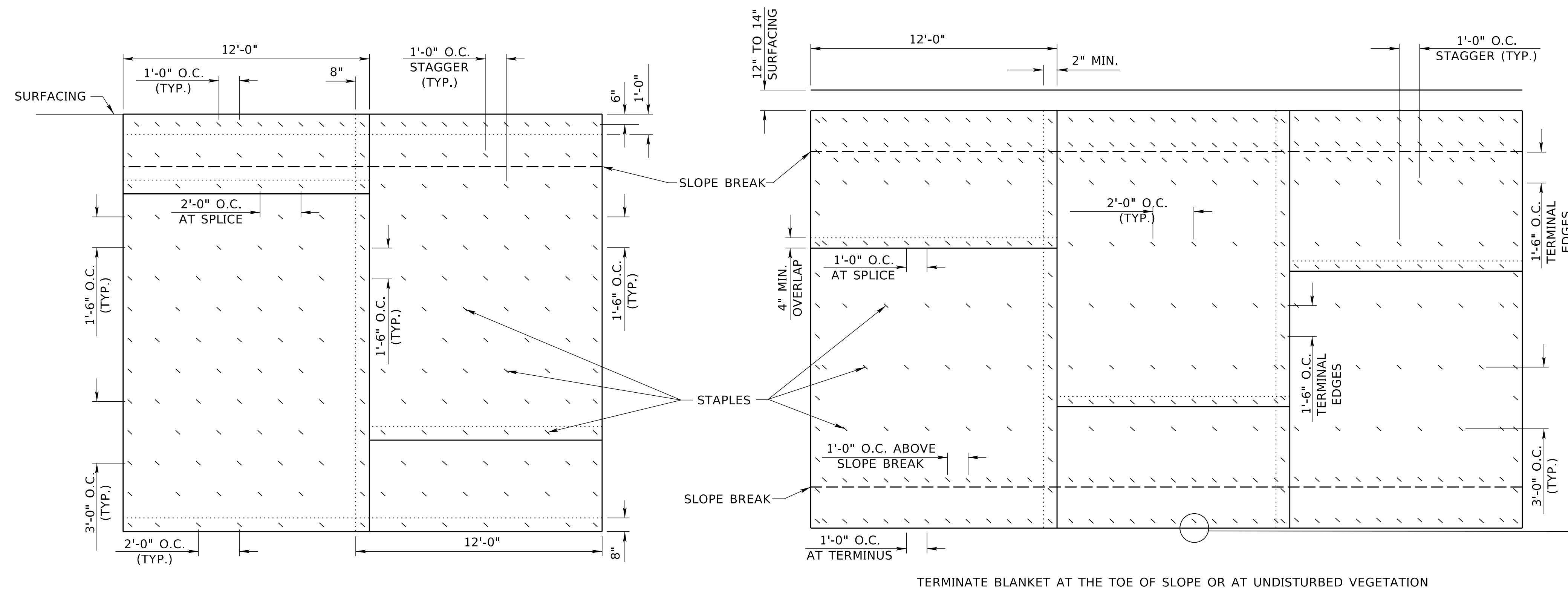


TYPICAL INSTALLATION
CLASS 1A (SLOPE PROTECTION, SAND)

Erosion Control

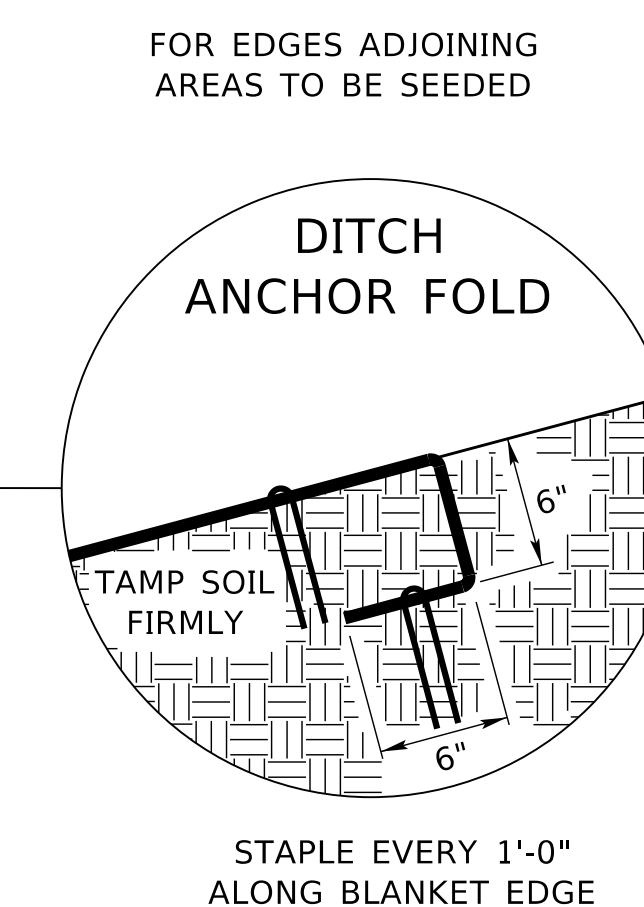


SURFACING INSTALLATION



PLAN VIEW STAPLING DIAGRAM FOR
CLASS 1A (SLOPE PROTECTION, SAND)

PLAN VIEW STAPLING DIAGRAM FOR
CLASS 1B, 1C, 1D, 1E, 1F, 2A, 2B, & 2C



NOTES:

1. THE MANUFACTURERS' RECOMMENDED STAPLING PATTERNS SHALL GOVERN OVER THE PLANS.
2. SURFACING INSTALLATION IS APPLICABLE FOR ASPHALT, CONCRETE, OR BEVELLED EDGE.

R7	JAN 18	NDOR BORDER TO NDOT BORDER
R6	APR 14	UPDATE INSTALLATION METHOD
R5	OCT 07	EROSION CONTROL AT SPLASH BASIN
REV. NO.	DATE	DESCRIPTION OF REVISION

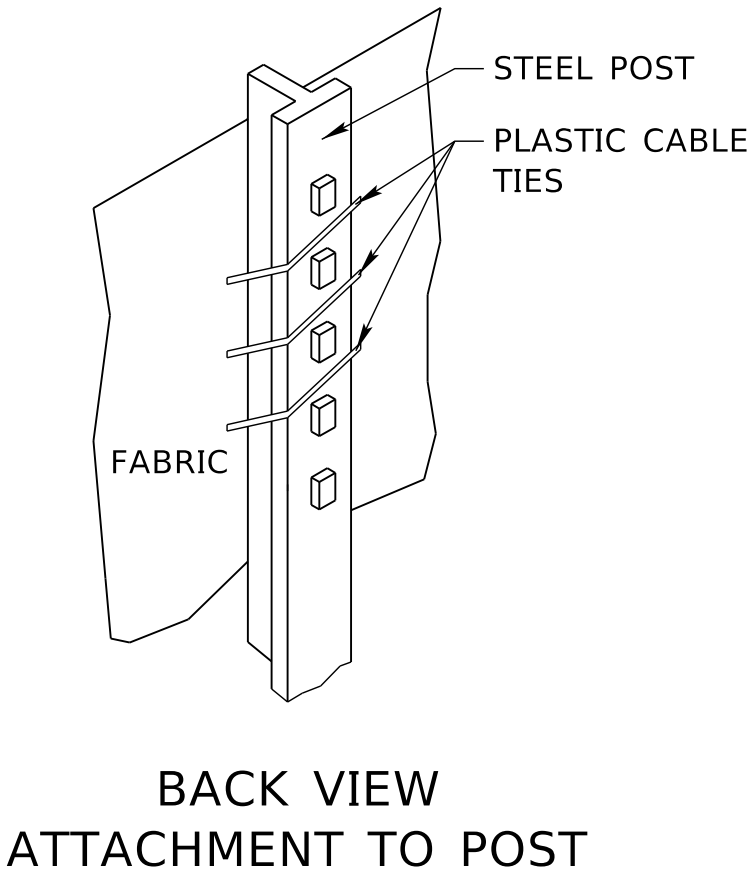
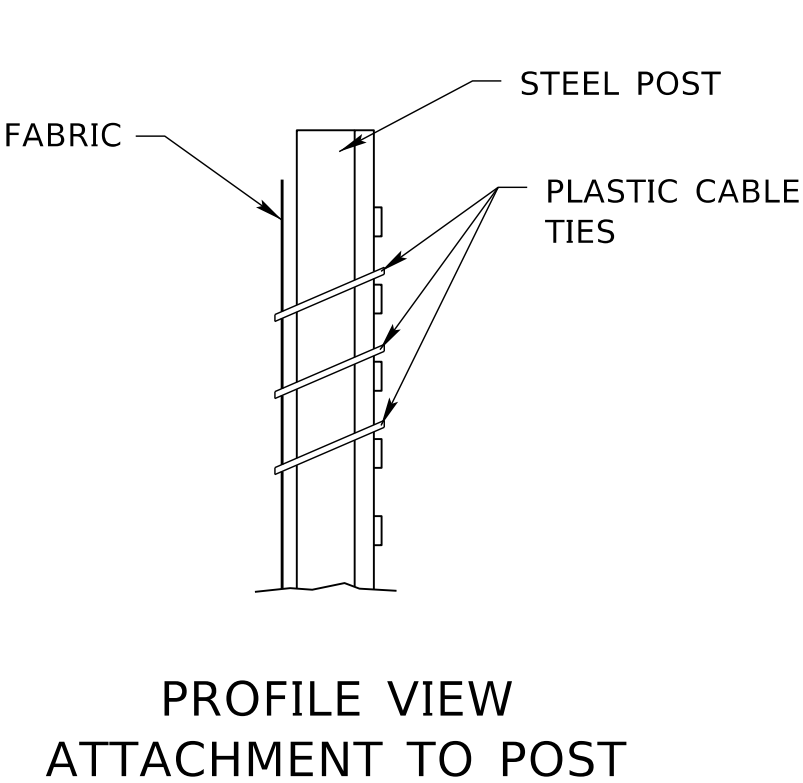
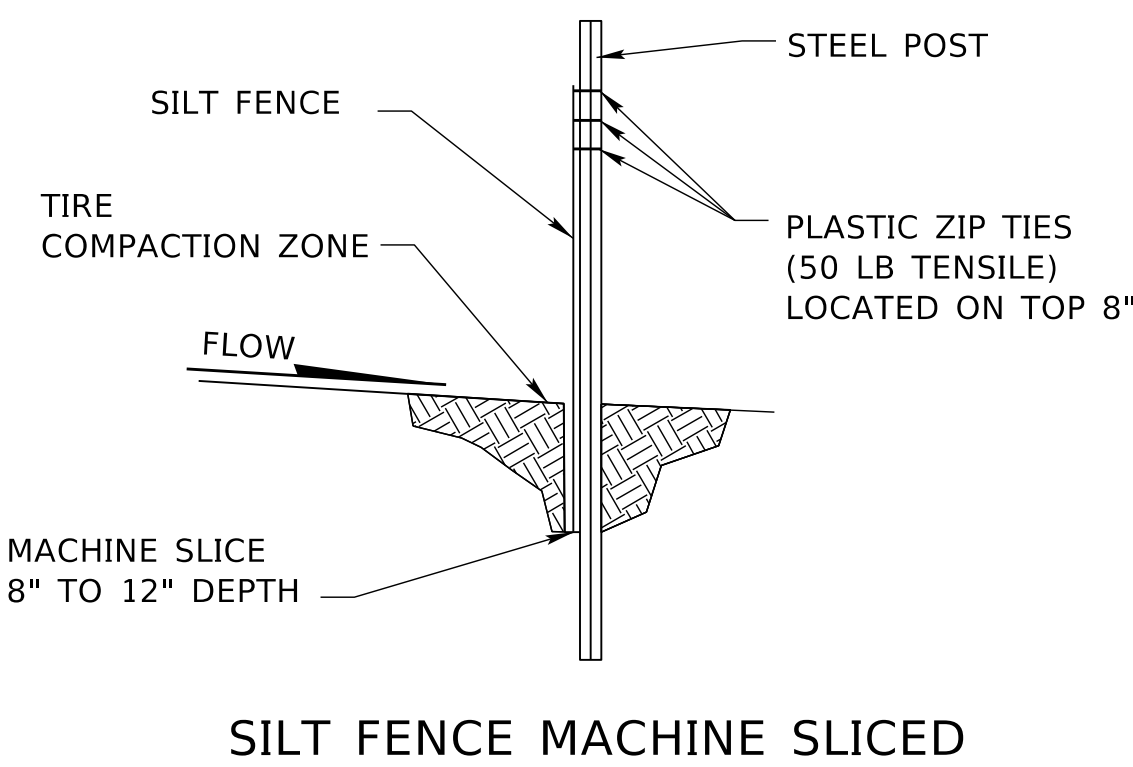
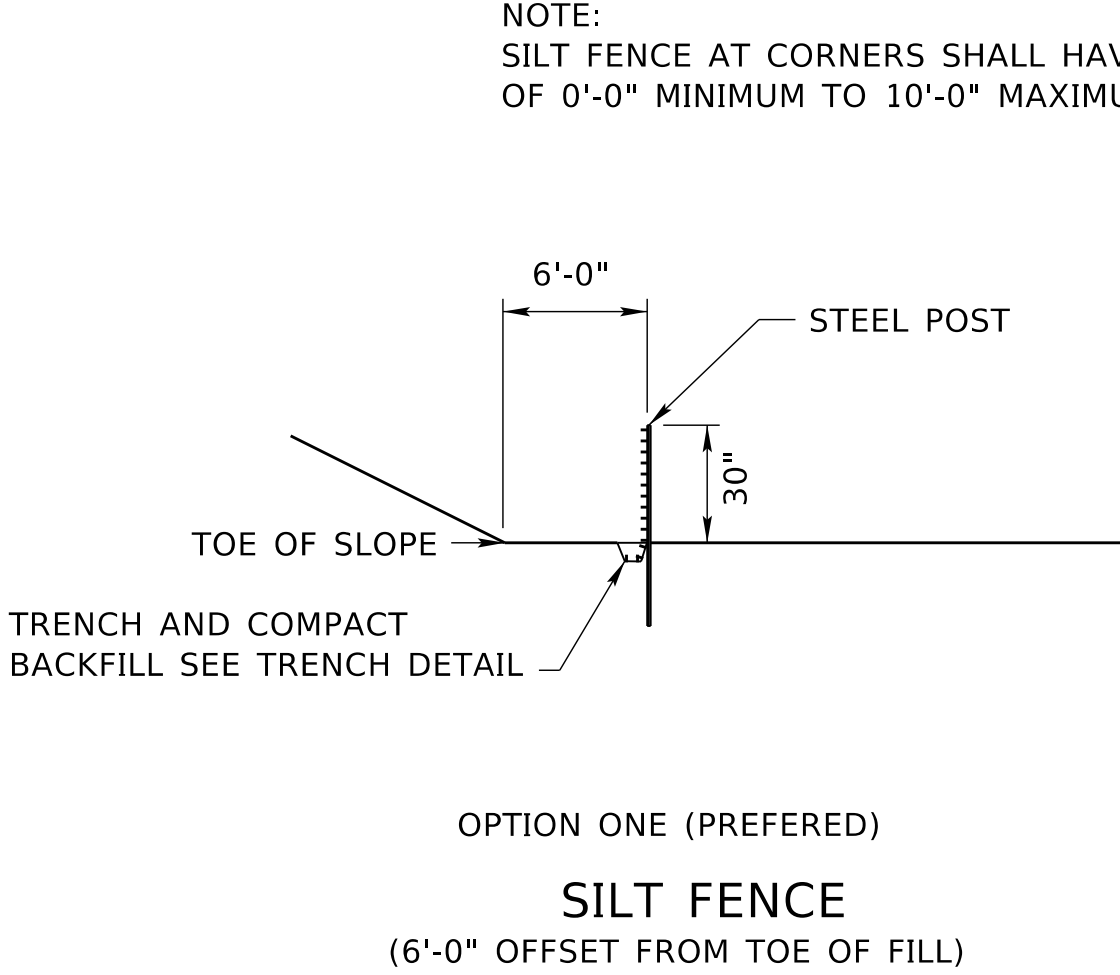
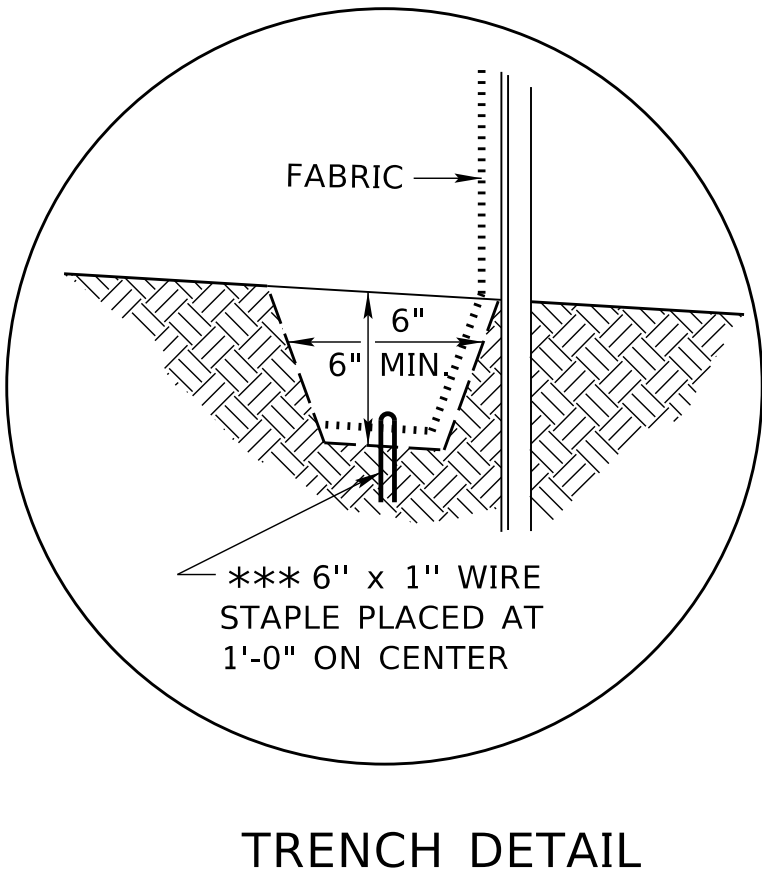
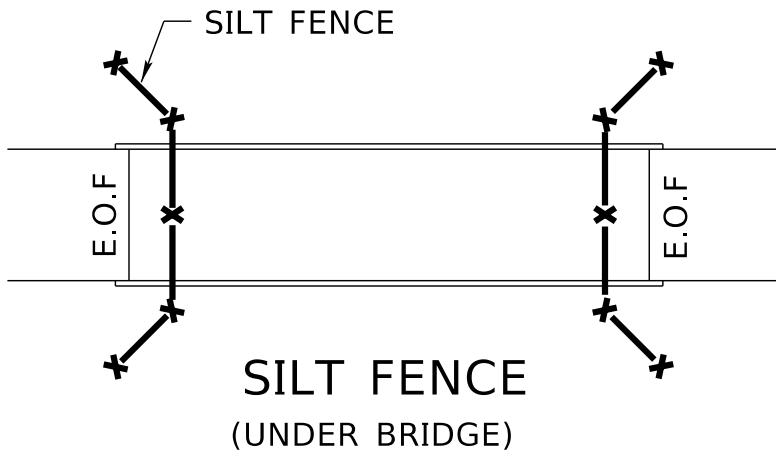
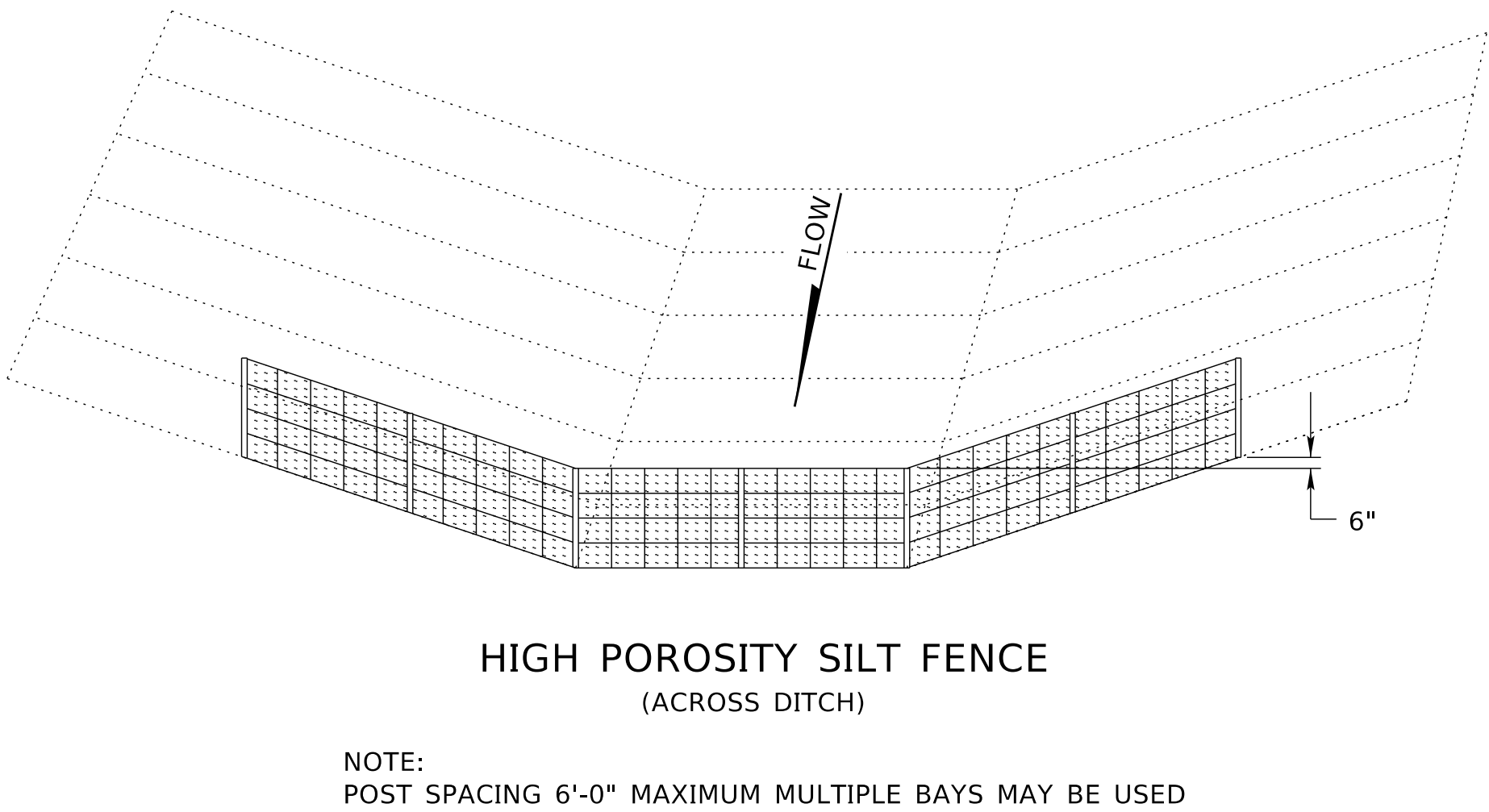
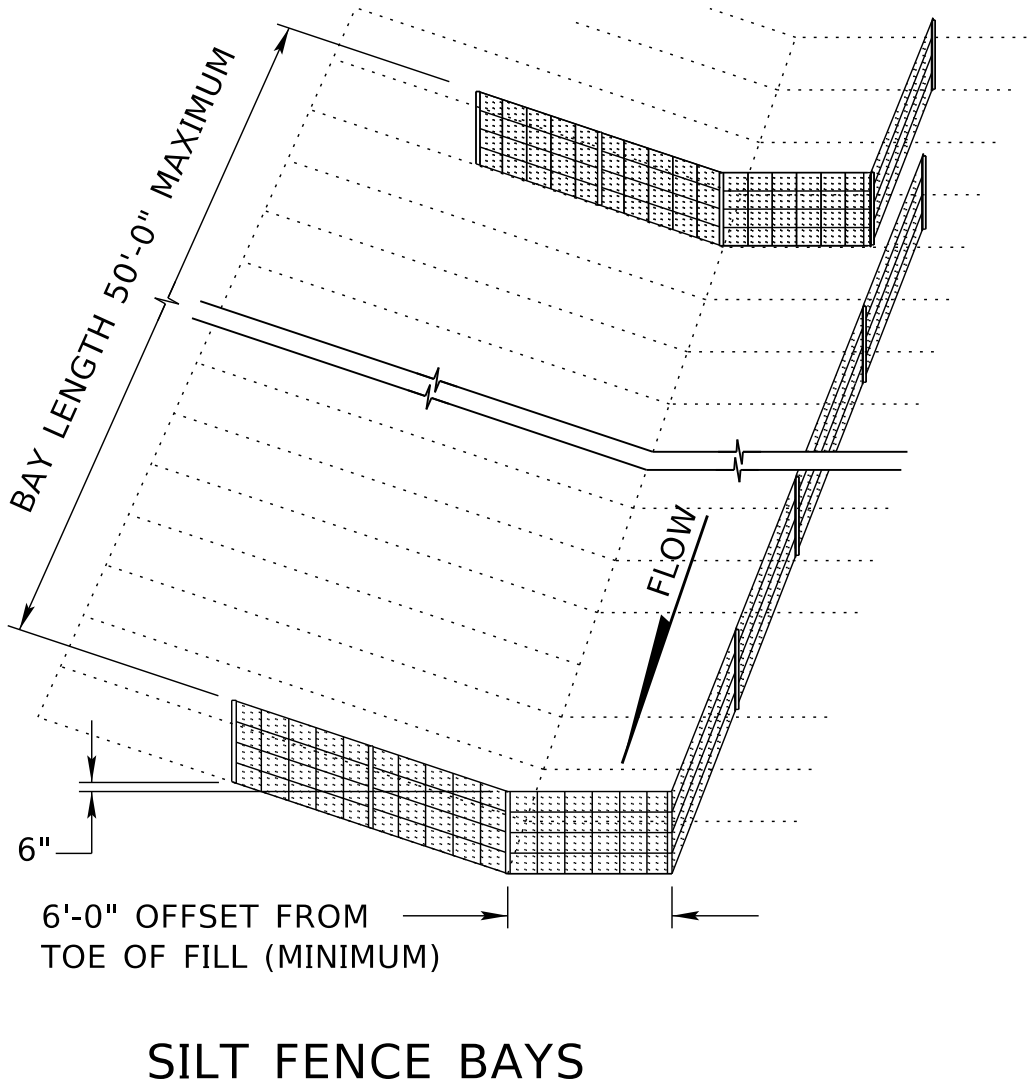
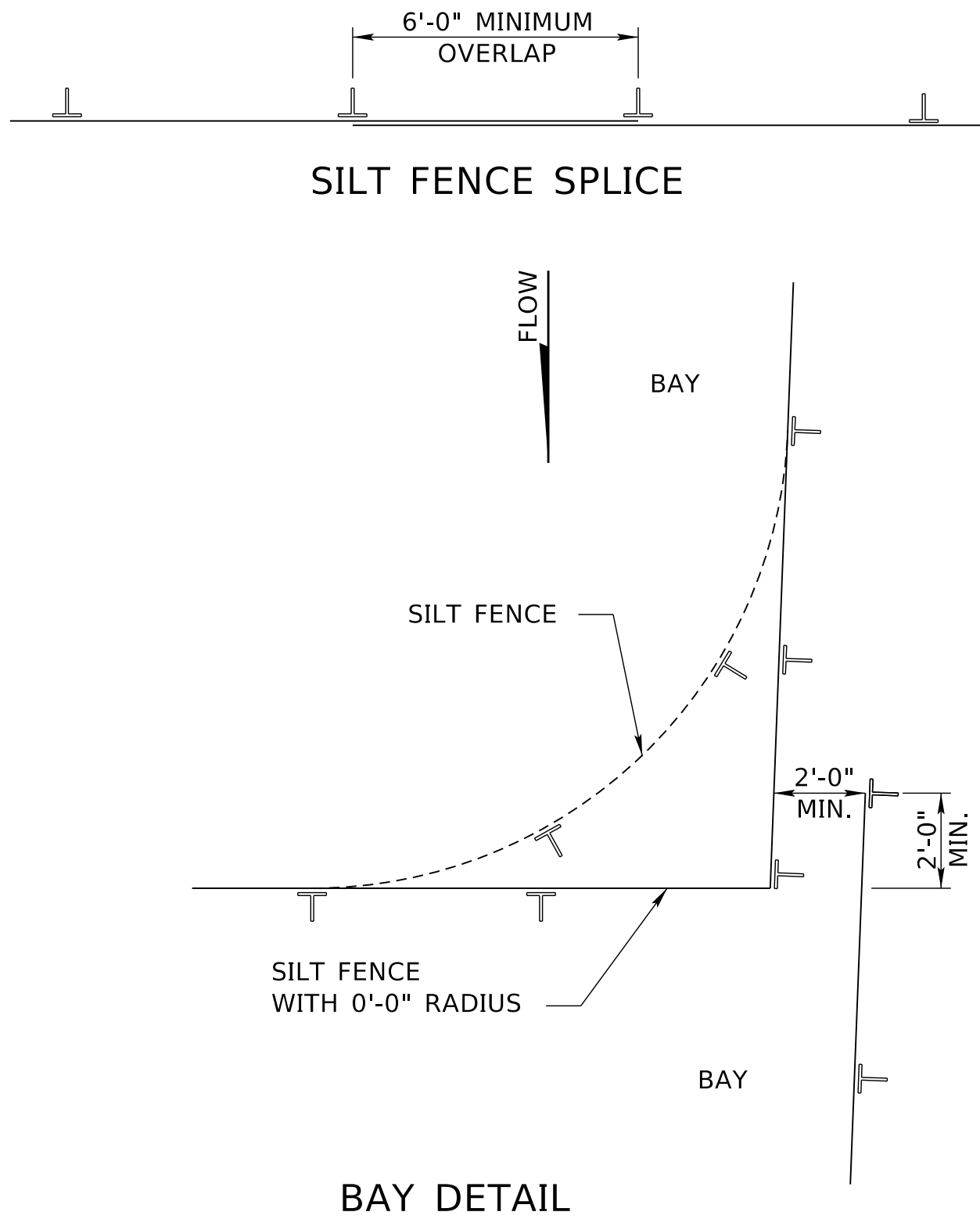
NEBRASKA DEPARTMENT OF TRANSPORTATION
STANDARD PLAN NO. 501-R7
EROSION CONTROL

ACCEPTED BY FHWA FOR USE ON THE
NATIONAL HIGHWAY SYSTEM:

DATE _____

ORIGINAL:
NOVEMBER 1973

DATE
$$\frac{3}{3}$$



*** SILT FENCE MAY ALSO BE INSTALLED WITH A SILT FENCE PLOW. NO STAPLING IS REQUIRED WHEN THE SILT FENCE PLOW IS USED.

NOTES:

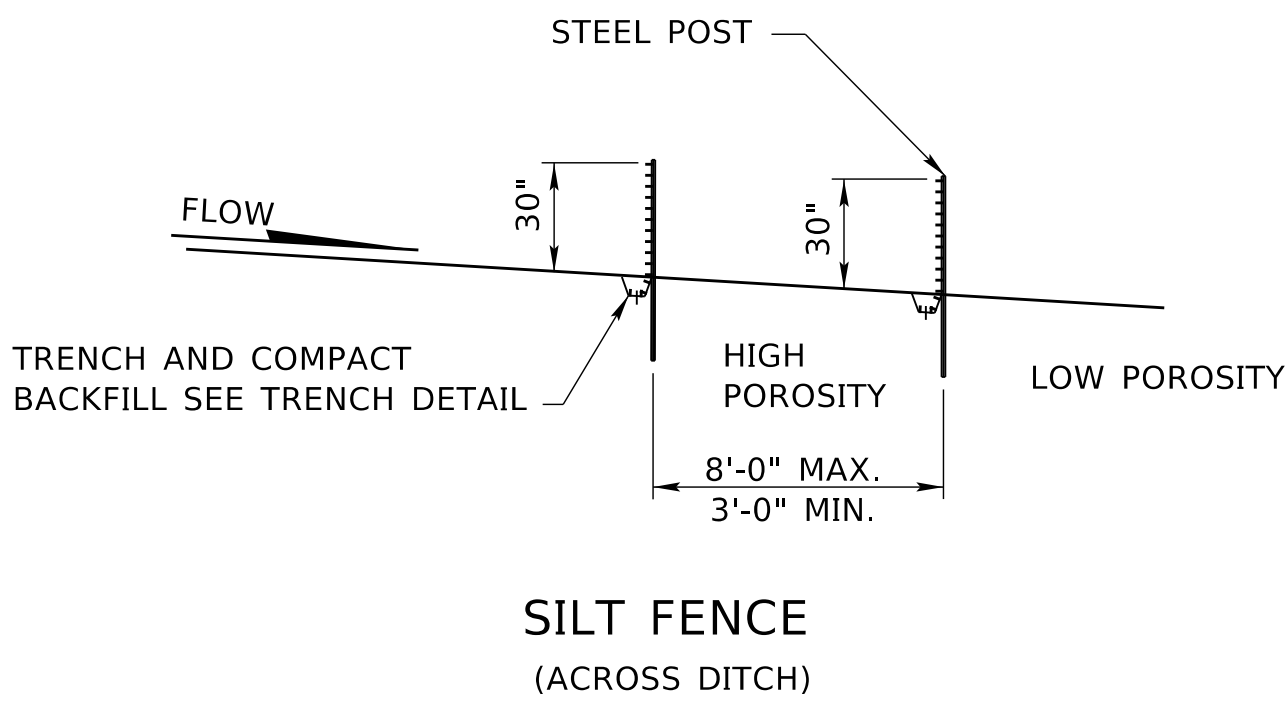
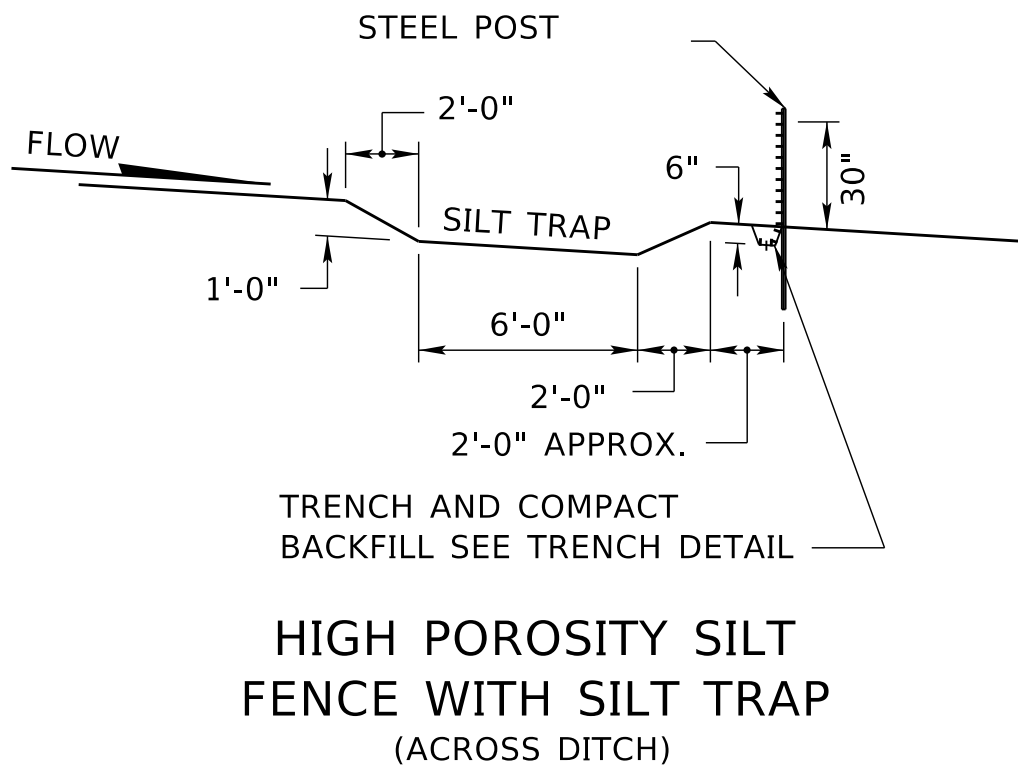
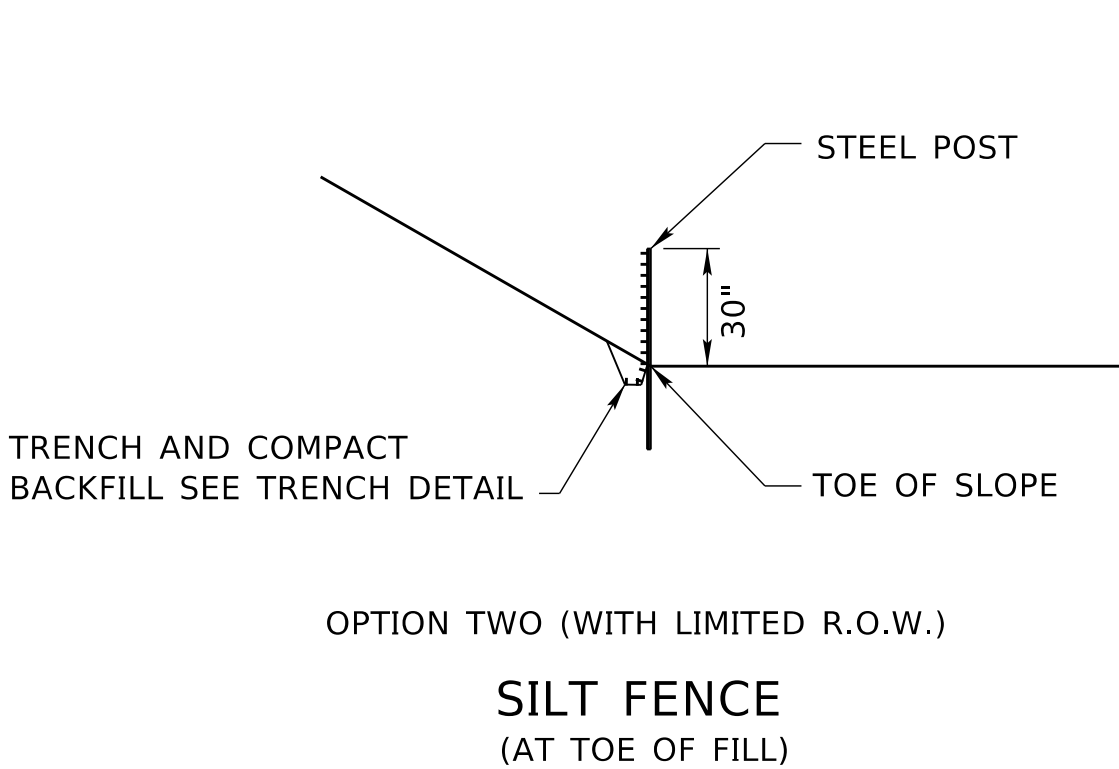
SILT FENCE SHOULD BE 30" ABOVE GRADE (MAY VARY)

SILT FENCE MINIMUM ROLL WIDTH:
LOW POROSITY = 42"
HIGH POROSITY = 42"
LOW PROFILE = 36"
COIR SILT FENCE = 36"

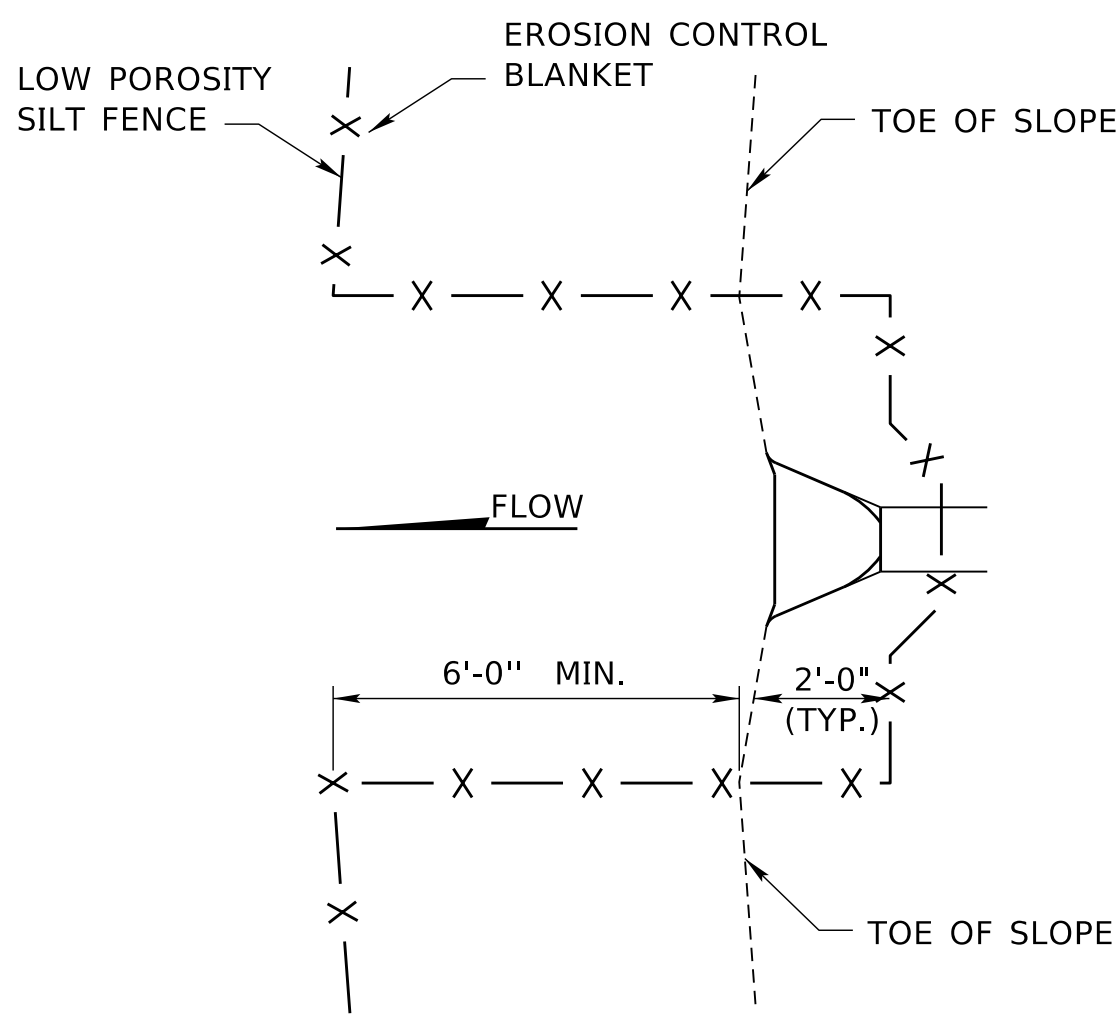
STEEL STUDDED "T" LINE POSTS 5'-6" LENGTH;
6'-0" MAXIMUM SPACING.

FOR EACH STEEL STUDDED "T" LINE POST, 3 PLASTIC CABLE TIES ARE REQUIRED.

2" x 2" x 6'-0" NOMINAL WOOD STAKES SPACING,
6'-0" MAXIMUM ON CENTER DRIVEN UNTIL FIRM.

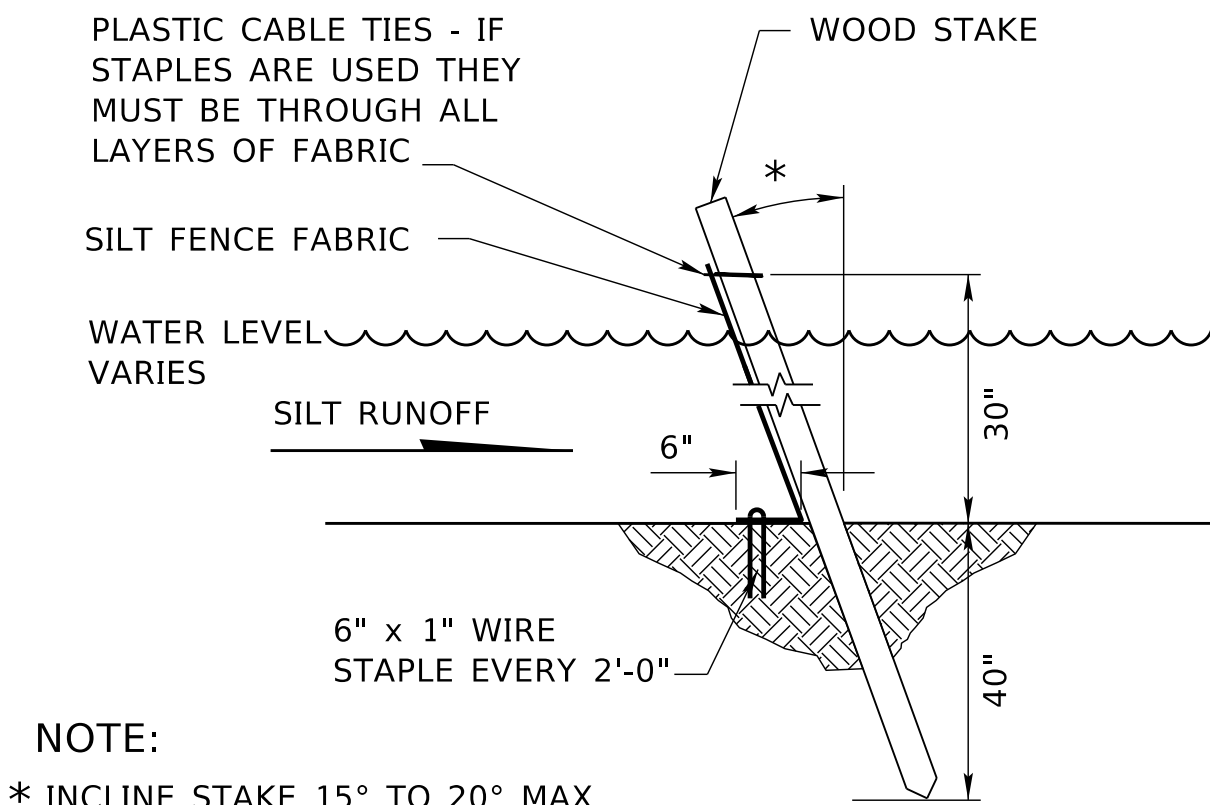


R2	JAN 18	NDOR BORDER TO NDOT BORDER
R1	APR 14	STEEL POST INSTALLATION
REV. NO.	DATE	DESCRIPTION OF REVISION
NEBRASKA DEPARTMENT OF TRANSPORTATION STANDARD PLAN NO. 502-R2 SILT FENCE DETAILS		
ACCEPTED BY FHWA FOR USE ON THE NATIONAL HIGHWAY SYSTEM:		1 2
ORIGINAL: DECEMBER 2006 DATE		

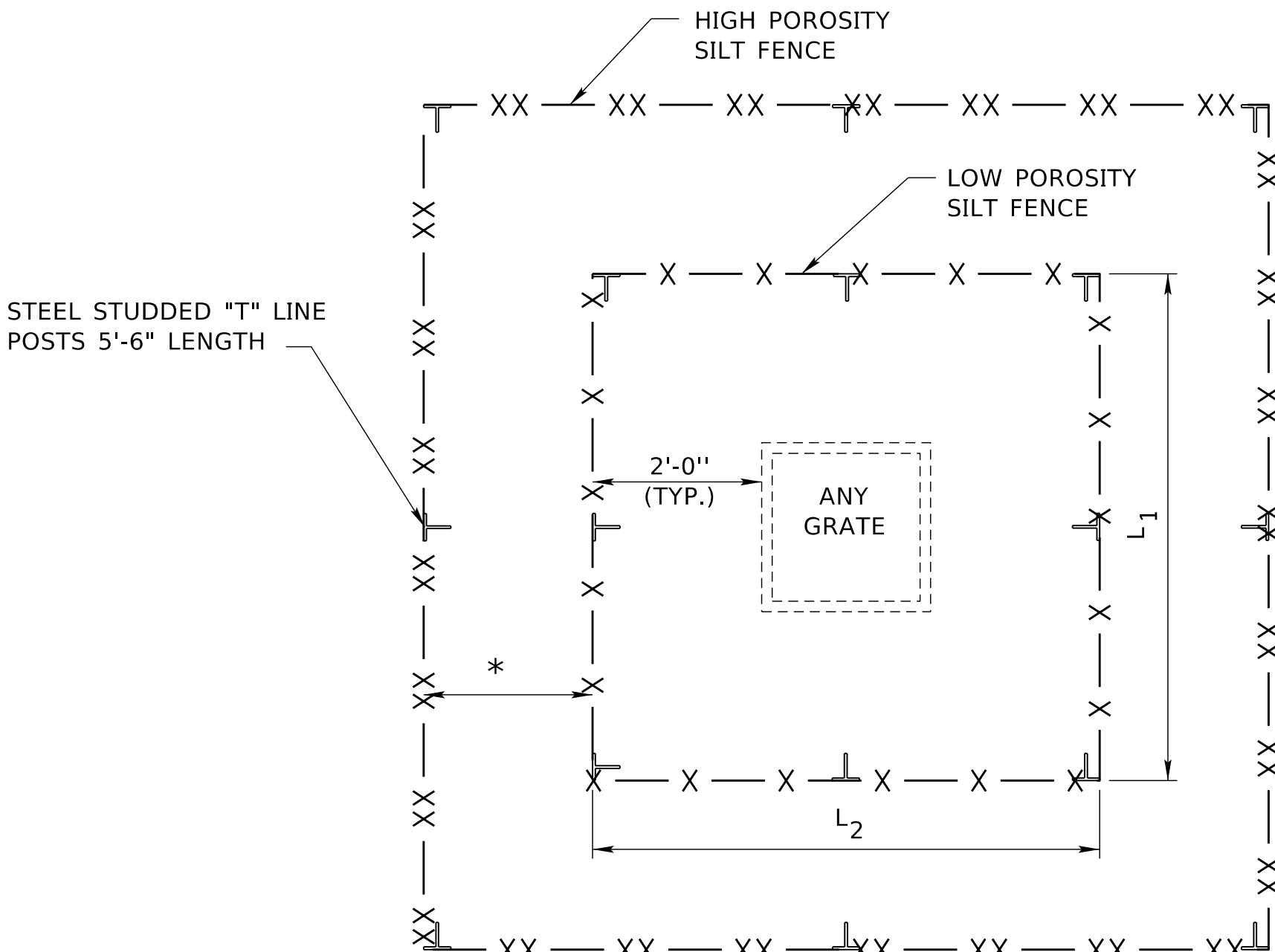


SILT FENCE OUTLET PROTECTION

- NOTES:
- 1. SILT FENCE SHOULD BE BROUGHT FLUSH WITH WING WALLS ON BOX CULVERTS IF IT CAN NOT BE INSTALLED ABOVE THE BOX CULVERT.
 - 2. IF APPLICABLE, SILT FENCE AROUND THE CULVERT SHOULD BE ADJUSTED TO ALLOW FOR THE INSTALLATION OF EROSION CONTROL AS SHOWN IN STANDARD PLAN 501.
 - 3. SILT CHECKS MAY USED IN PLACE OF SILT FENCE ABOVE THE OPENING OF A CULVERT, AS SHOWN IN SPECIAL PLAN C.



SILT FENCE
(WET & BELOW WATER INSTALLATION)

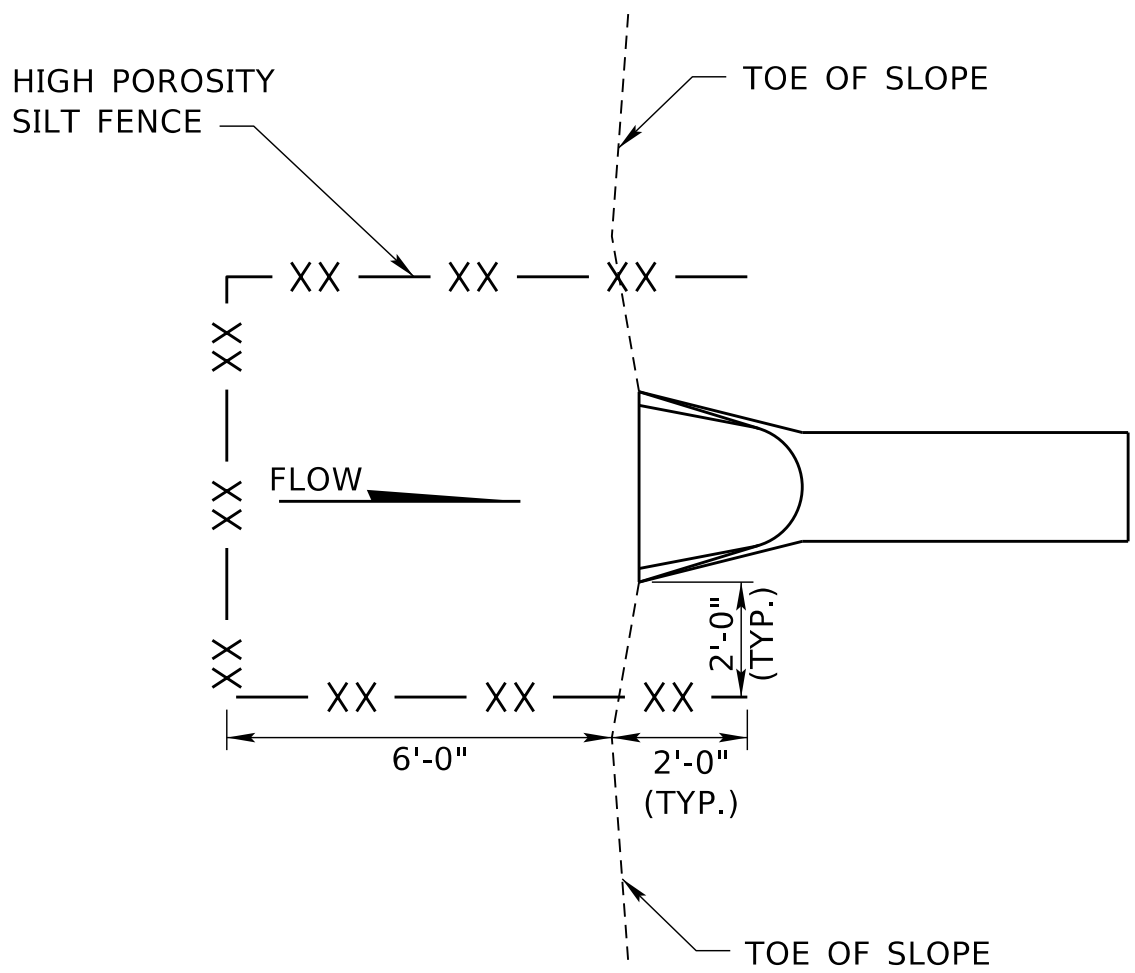


$L_1 \text{ \& } L_2 = \text{OUTSIDE OF WALL} + 4'-0"$

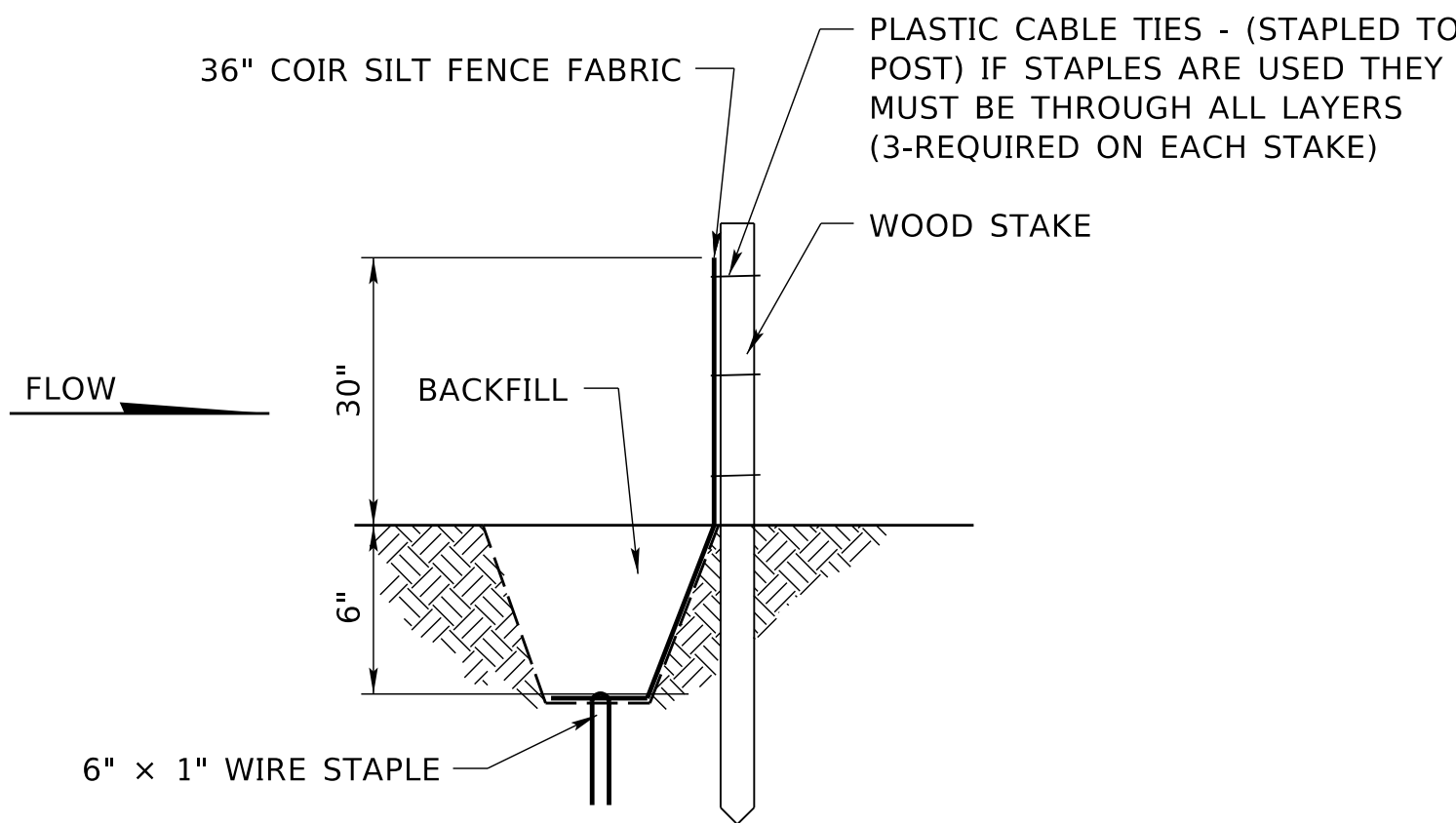
PLAN VIEW

SILT FENCE FOR GRATE, AREA, MEDIAN INLETS
OR JUNCTION BOXES

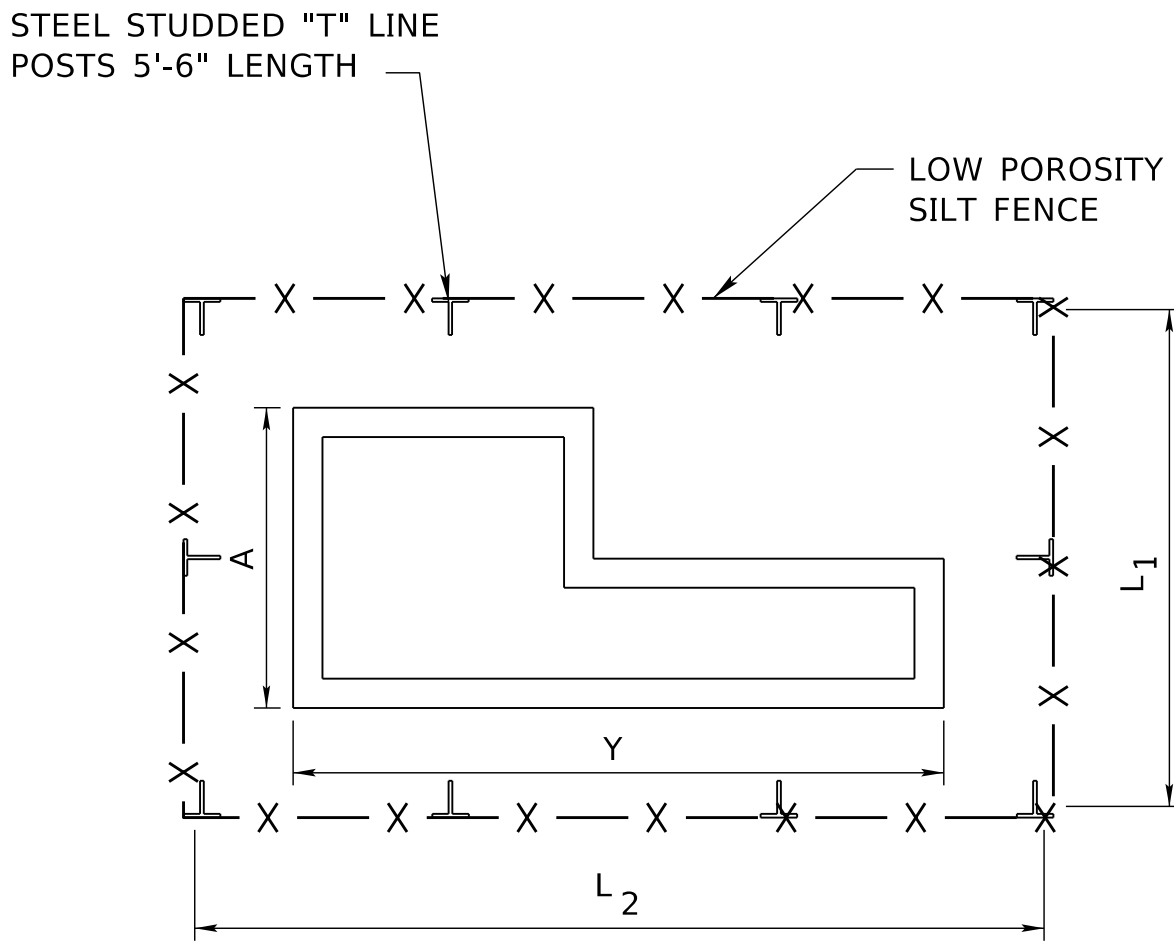
*3'-0" IF POSSIBLE (MAY VARY)



SILT FENCE INLET PROTECTION



COIR SILT FENCE - ON WOOD POSTS - DRY INSTALLATION



$L_1 = A + 6'-0"$

$L_2 = Y + 6'-0"$

PLAN VIEW
SILT FENCE CURB INLET

R2	JAN 18	NDOR BORDER TO NDOT BORDER
R1	APR 14	STEEL POST INSTALLATION
REV. NO.	DATE	DESCRIPTION OF REVISION
NEBRASKA DEPARTMENT OF TRANSPORTATION STANDARD PLAN NO. 502-R2 SILT FENCE DETAILS		
ACCEPTED BY FHWA FOR USE ON THE NATIONAL HIGHWAY SYSTEM:		
DATE		2
ORIGINAL: DECEMBER 2006		2
DATE		

CHANNELIZATION DEVICES

THE FUNCTION OF CHANNELIZATION DEVICES IS TO WARN ROAD USERS OF CONDITIONS CREATED BY WORK ACTIVITIES IN OR NEAR THE TRAVELED WAY, TO PROTECT WORKERS IN THE TEMPORARY TRAFFIC CONTROL ZONE, AND TO GUIDE DRIVERS AND PEDESTRIANS SAFELY. CHANNELIZING DEVICES INCLUDE BUT ARE NOT LIMITED TO CONES, TUBULAR POSTS, VERTICAL PANELS, DRUMS, BARRICADES, TRAFFIC LANE DIVIDERS, TEMPORARY RAISED ISLANDS, AND BARRIERS.

DEVICES USED FOR CHANNELIZATION SHOULD PROVIDE FOR SMOOTH AND GRADUAL TRAFFIC MOVEMENT FROM ONE LANE TO ANOTHER, ONTO A BYPASS OR DETOUR, OR TO REDUCE THE WIDTH OF THE TRAVELED WAY. THEY MAY ALSO BE USED TO SEPARATE TRAFFIC FROM THE WORK SPACE, PAVEMENT DROP-OFFS, PEDESTRIAN PATHS, OR OPPOSING DIRECTIONS OF TRAFFIC.

CHANNELIZING DEVICES SHALL MEET THE CRASHWORTHY PERFORMANCE CRITERIA CONTAINED IN THE NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM (NCHRP) REPORT 350 OR MANUAL FOR ASSESSING SAFETY HARDWARE (MASH). THEY SHOULD BE CONSTRUCTED AND BALLASTED TO PERFORM IN A PREDICTABLE MANNER WHEN INADVERTENTLY STRUCK BY A VEHICLE. IF STRUCK, THE DEVICE SHOULD YIELD OR BREAK AWAY, FRAGMENTS OR OTHER DEBRIS FROM THE DEVICE SHOULD NOT PENETRATE THE PASSENGER COMPARTMENT OF THE VEHICLE OR BE A POTENTIAL HAZARD TO WORKERS OR PEDESTRIANS IN THE IMMEDIATE AREA.

SPACING OF CHANNELIZING DEVICES SHOULD NOT EXCEED A DISTANCE IN FEET EQUAL TO THE SPEED WHEN USED FOR THE TAPER CHANNELIZATION, AND A DISTANCE IN FEET OF TWICE THE SPEED WHEN USED FOR TANGENT CHANNELIZATION.

SPACING OF CHANNELIZATION DEVICES		
SPEED (MPH)	SPACING OF DEVICES (FEET)	
	TAPER	TANGENT
25	25	50
35	35	70
45	45	90
55	55	110
60	60	120
65	65	130
75	75	150

WARNING LIGHTS MAY BE ADDED TO CHANNELIZING DEVICES IN AREAS WITH FREQUENT FOG, SNOW, OR SEVERE ROADWAY CURVATURE, OR WHERE VISUAL DISTRACTIONS ARE PRESENT, EXCEPT FOR THE SEQUENTIAL FLASHING WARNING LIGHTS, WARNING LIGHTS PLACED ON CHANNELIZING DEVICES USED IN A SERIES TO CHANNELIZE ROAD USERS SHALL BE STEADY-BURN.

THE RETROREFLECTIVE MATERIAL USED ON CHANNELIZING DEVICES SHALL HAVE A SMOOTH, SEALED OUTER SURFACE, MEETING THE REQUIREMENTS OF THE ASTM SPECIFICATION D4956, FOR TYPE IV SHEETING OR TYPE V REBOUNDABLE SHEETING (OR GREATER).

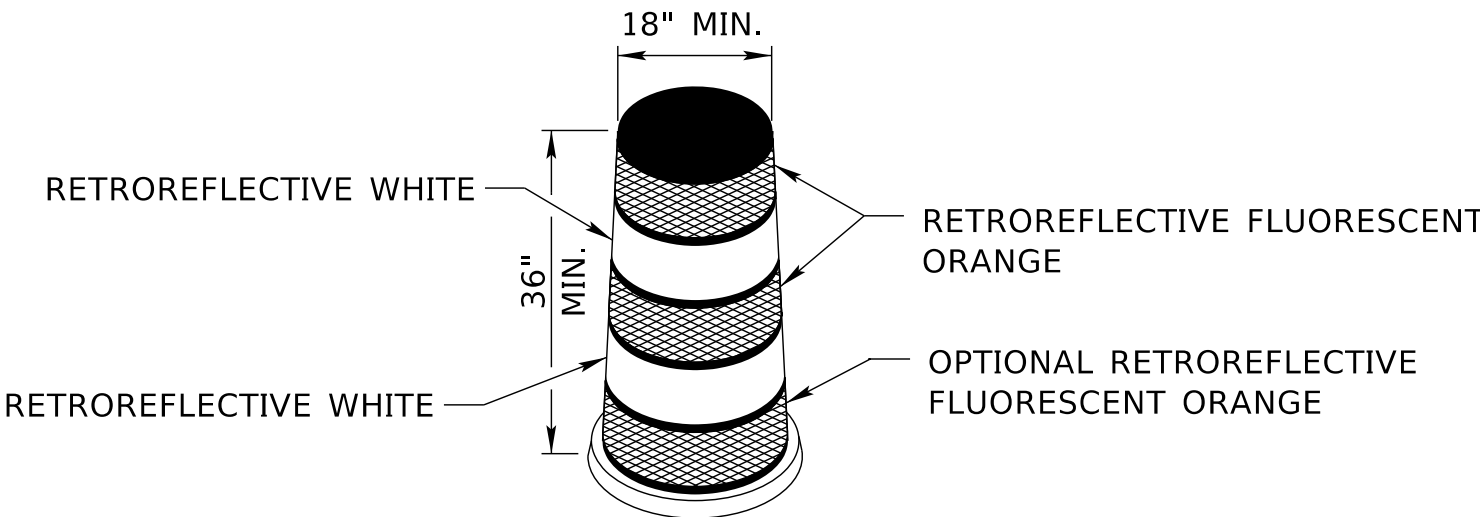
COEFFICIENT OF RETROREFLECTION (CD/LUX/M ²)			
WHITE	ORANGE	RED	YELLOW
250	100	45	170

THE AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) "QUALITY GUIDELINES FOR WORK ZONE TRAFFIC CONTROL DEVICES" SHALL BE USED AS A VISUAL GUIDE FOR DETERMINING IF A TRAFFIC CONTROL DEVICE/OR SIGN IS ACCEPTABLE, MARGINAL OR UNACCEPTABLE.

THE NAME AND TELEPHONE NUMBER OF THE AGENCY, CONTRACTOR, OR SUPPLIER MAY BE SHOWN ON THE CHANNELIZING DEVICE BACK OR SUPPORT, BUT NOT ON THE DEVICE FACE. THE LETTERS AND NUMBERS SHALL BE A NON-REFLECTIVE COLOR AND NOT OVER 15 SQUARE INCHES IN TOTAL AREA.

PARTICULAR ATTENTION SHOULD BE GIVEN TO MAINTAINING THE CHANNELIZING DEVICES TO KEEP THEM CLEAN, VISIBLE, AND PROPERLY POSITIONED. DEVICES SHALL BE REPLACED THAT ARE DAMAGED AND/OR HAVE LOST A SIGNIFICANT AMOUNT OF THEIR RETROREFLECTIVITY AND EFFECTIVENESS.

REFLECTORIZED PLASTIC DRUMS



DESIGN

REFLECTORIZED PLASTIC DRUMS USED FOR TRAFFIC WARNING OR CHANNELIZATION SHALL BE CONSTRUCTED OF LIGHTWEIGHT, FLEXIBLE, AND DEFORMABLE MATERIALS AND BE A MINIMUM OF 36 INCHES IN HEIGHT AND HAVE A MINIMUM WIDTH OF AT LEAST A 18 INCHES, REGARDLESS OF ORIENTATION. THE PREDOMINANT COLOR OF THE DRUM SHALL BE ORANGE. METAL DRUMS SHALL NOT BE USED. THE MARKINGS ON DRUMS SHALL BE HORIZONTAL, SHALL BE CIRCUMFERENTIAL, AND SHALL DISPLAY FOUR 6 INCH WIDE BANDS OF RETROREFLECTIVE SHEETING, ALTERNATING FLUORESCENT ORANGE-WHITE-FLUORESCENT ORANGE-WHITE. DRUMS SHALL HAVE CLOSED TOPS THAT WILL NOT ALLOW COLLECTION OF CONSTRUCTION OR OTHER DEBRIS.

APPLICATION

DRUMS ARE MOST COMMONLY USED TO CHANNELIZE OR DELINEATE TRAFFIC FLOW BUT MAY ALSO BE USED INDIVIDUALLY OR IN GROUPS TO MARK SPECIFIC LOCATIONS. DRUMS ARE HIGHLY VISIBLE AND HAVE GOOD TARGET VALUE; THEY GIVE THE APPEARANCE OF BEING FORMIDABLE OBSTACLES AND, THEREFORE, COMMAND THE RESPECT OF ROAD USERS.

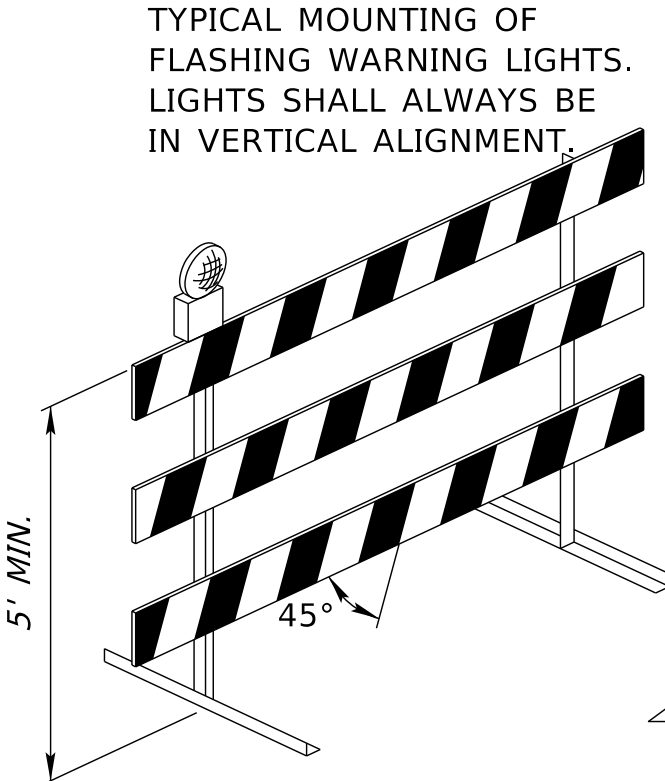
BALLAST SHALL NOT BE PLACED ON TOP OF THE DRUM. DRUMS SHOULD NOT BE WEIGHTED WITH SAND, WATER, OR ANY MATERIAL.

BARRICADES

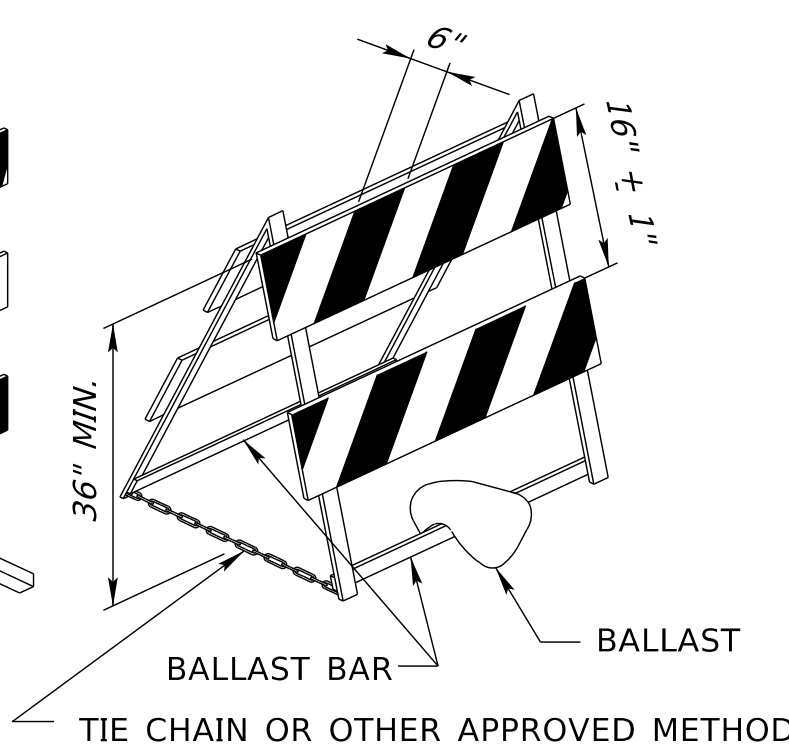
BARRICADE TYPE	TYPE II	TYPE III
WIDTH OF RAIL *	8 INCHES MIN. - 12 INCHES MAX.	8 INCHES MIN. - 12 INCHES MAX.
LENGTH OF RAIL	36 INCHES	8 FEET **
WIDTH OF STRIPES	6 INCHES	6 INCHES
HEIGHT	36 INCHES	5 FEET
REFLECTIVE SHEETING	TYPE IV	TYPE IV
NUMBER OF REFLECTORIZED RAIL FACES	4 (TWO EACH DIRECTION)	6 (THREE EACH DIRECTION)

* NOMINAL DIMENSIONS ARE PERMISSIBLE WHEN CONSTRUCTED FROM LUMBER.
** WHEN LATERAL SPACE IS LIMITED, SOME TYPE III BARRICADES WITH A 4 FOOT LENGTH OF RAIL, MAY BE ALLOWED WHEN APPROVED BY THE ENGINEER.

TYPE III BARRICADE



TYPE II BARRICADE



BALLAST SHALL NOT BE PLACED OVER ANY REFLECTIVE DEVICE

DESIGN

A BARRICADE IS A PORTABLE OR FIXED DEVICE HAVING TWO OR THREE RAILS WITH APPROPRIATE MARKINGS. IT IS USED TO CONTROL ROAD USERS BY CLOSING, RESTRICTING, OR DELINEATING ALL OR A PORTION OF THE RIGHT-OF-WAY.

BARRICADES SHALL BE ONE OF TWO TYPES; TYPE II OR TYPE III.

STRIPES ON BARRICADE RAILS SHALL BE ALTERNATING ORANGE AND WHITE RETROREFLECTIVE STRIPES SLOPING DOWNWARD AT AN ANGLE OF 45 DEGREES IN THE DIRECTION ROAD USERS ARE TO PASS. THE STRIPES SHALL BE 6 INCHES WIDE. THE MINIMUM RAIL LENGTH FOR A TYPE II BARRICADE IS 36 INCHES.

WHERE BARRICADES EXTEND ENTIRELY ACROSS A ROADWAY, THE STRIPES SHOULD SLOPE DOWNWARD IN THE DIRECTION TOWARD WHICH ROAD USERS MUST TURN. WHERE BOTH RIGHT AND LEFT TURNS ARE PROVIDED, THE STRIPES MAY SLOPE DOWNWARD IN BOTH DIRECTIONS FROM THE CENTER OF THE BARRICADE OR BARRICADES. WHERE NO TURNS ARE INTENDED, THE STRIPES SHOULD SLOPE DOWNWARD TOWARD THE CENTER OF THE BARRICADE OR BARRICADES.

BARRICADE RAILS SHOULD BE SUPPORTED IN A MANNER THAT WILL ALLOW THEM TO BE SEEN BY THE ROAD USER, AND IN A MANNER THAT PROVIDES A STABLE SUPPORT THAT IS NOT EASILY BLOWN OVER OR DISPLACED.

ON HIGH-SPEED ROADWAYS OR IN OTHER SITUATIONS WHERE BARRICADES MAY BE SUSCEPTIBLE TO OVERTURNING IN THE WIND, SANDBAGS SHOULD BE USED FOR BALLASTING. SANDBAGS MAY BE PLACED ON LOWER PARTS OF THE FRAME OR STAYS TO PROVIDE THE REQUIRED BALLAST BUT SHALL NOT BE PLACED ON TOP OF ANY STRIPED RAIL. BARRICADES SHALL NOT BE BALLASTED BY HEAVY OBJECTS SUCH AS ROCKS OR CHUNKS OF CONCRETE.

THE BARRICADE OWNERS NAME, NOT TO EXCEED 15 SQUARE INCHES SHALL BE SHOWN ON THE BARRICADE BACK OR SUPPORT BUT NOT ON ITS FACE.

** WHEN LATERAL SPACE IS LIMITED, SOME TYPE III BARRICADES WITH A 4 FOOT LENGTH OF RAIL, MAY BE ALLOWED WHEN APPROVED BY THE ENGINEER.

APPLICATION

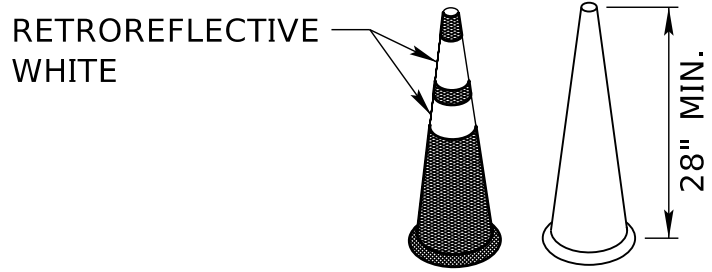
TYPE II BARRICADES ARE INTENDED FOR USE IN SITUATIONS WHERE TRAFFIC IS MAINTAINED THROUGH THE TEMPORARY TRAFFIC CONTROL ZONE. THEY MAY BE USED INDIVIDUALLY OR IN GROUPS TO MARK A SPECIFIC CONDITION, OR THEY MAY BE USED IN A SERIES FOR CHANNELIZING TRAFFIC. ON THE INTERSTATE, FREEWAY AND EXPRESSWAY SYSTEM, TYPE II BARRICADES SHALL NOT BE USED FOR CHANNELIZATION.

TYPE III BARRICADES USED AT A ROAD CLOSURE MAY EXTEND COMPLETELY ACROSS A ROADWAY FROM CURB TO CURB. WHERE PROVISION IS MADE FOR ACCESS OF AUTHORIZED EQUIPMENT AND VEHICLES, THE RESPONSIBILITY FOR THE TYPE III BARRICADES SHOULD BE ASSIGNED TO A PERSON WHO SHALL PROVIDE PROPER CLOSURE AT THE END OF EACH WORK DAY.

WHEN A HIGHWAY IS LEGALLY CLOSED BUT ACCESS MUST STILL BE ALLOWED FOR LOCAL TRAFFIC, THE TYPE III BARRICADES MAY NOT BE EXTENDED COMPLETELY ACROSS A ROADWAY. A SIGN WITH THE APPROPRIATE LEGEND CONCERNING PERMISSIBLE USE BY LOCAL TRAFFIC SHALL BE MOUNTED.

NORMALLY PERMANENT SIGNS MOUNTED ON BARRICADES SHALL BE ERECTED ABOVE THE BARRICADE. THE SIGNS "ROAD CLOSED", OR "ROAD WORK AHEAD", FOR EXAMPLE CAN EFFECTIVELY BE MOUNTED ABOVE THE BARRICADE THAT CLOSSES THE ROADWAY. TYPE III BARRICADES SHALL BE SUPPLEMENTED WITH A LIGHTING DEVICE UNLESS SPECIFICALLY OMITTED BY THE ENGINEER. DETOUR ARROW AND LARGE WARNING ARROW SIGNS SHOULD BE PLACED ON THE FACE OF BARRICADE.

CONES



DESIGN

CONES SHALL BE PREDOMINANTLY ORANGE, FLOURESCENT RED-ORANGE, OR FLOURESCENT YELLOW/ORANGE, NOT LESS THAN 28 INCHES IN HEIGHT, AND SHALL BE MADE OF A MATERIAL THAT CAN BE STRUCK WITHOUT DAMAGING VEHICLES ON IMPACT. CONES WHEN ALLOWED ON THE INTERSTATE, FREEWAY OR EXPRESSWAY SYSTEM SHALL BE A MINIMUM OF 36 INCHES IN HEIGHT.

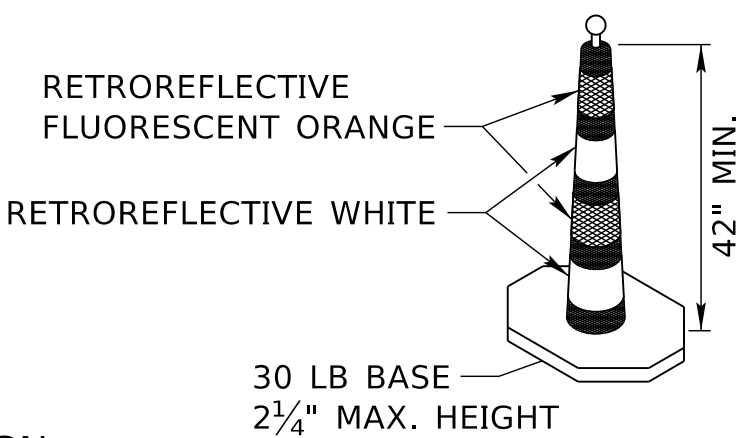
FOR NIGHTTIME USE, CONES SHALL BE RETROREFLECTIVE OR EQUIPPED WITH LIGHTING DEVICES FOR MAXIMUM VISIBILITY. RETROREFLECTION OF 28 INCH OR 36 INCH CONES SHALL BE PROVIDED BY A WHITE BAND 6 INCHES WIDE, NO MORE THAN 4 INCHES FROM THE TOP OF THE CONE, AND AN ADDITIONAL 4 INCH WIDE WHITE BAND A MINIMUM OF 2 INCHES BELOW THE 6 INCH BAND.

APPLICATION

TRAFFIC CONES ARE USED TO CHANNELIZE TRAFFIC, DIVIDE OPPOSING TRAFFIC LANES, DIVIDE TRAFFIC LANES WHEN TWO OR MORE LANES ARE KEPT OPEN IN THE SAME DIRECTION, AND DELINEATE SHORT-DURATION MAINTENANCE AND UTILITY WORK. CONES SHALL NOT BE USED FOR LANE CLOSURE TAPERS OR SHIFTS, CONES SMALLER THAN 42 INCHES SHALL NOT BE USED AT NIGHT ON RURAL HIGHWAYS, UNLESS SHOWN ON THE PLANS OR AS APPROVED OR DIRECTED BY THE ENGINEER.

STEPS SHOULD BE TAKEN TO ENSURE THAT CONES WILL NOT BE BLOWN OVER OR DISPLACED BY WIND OR MOVING TRAFFIC. CONES CAN BE DOUBLED UP TO INCREASE THEIR WEIGHT. SOME CONES ARE CONSTRUCTED WITH BASES THAT CAN BE FILLED WITH BALLAST. OTHERS HAVE SPECIAL WEIGHTED BASES, OR WEIGHTS SUCH AS SANDBAG RINGS THAT CAN BE DROPPED OVER THE CONES AND ONTO THE BASE TO PROVIDE ADDED STABILITY. BALLAST, HOWEVER, SHOULD NOT PRESENT A HAZARD IF THE CONES ARE INADVERTENTLY STRUCK.

42 INCH CONES



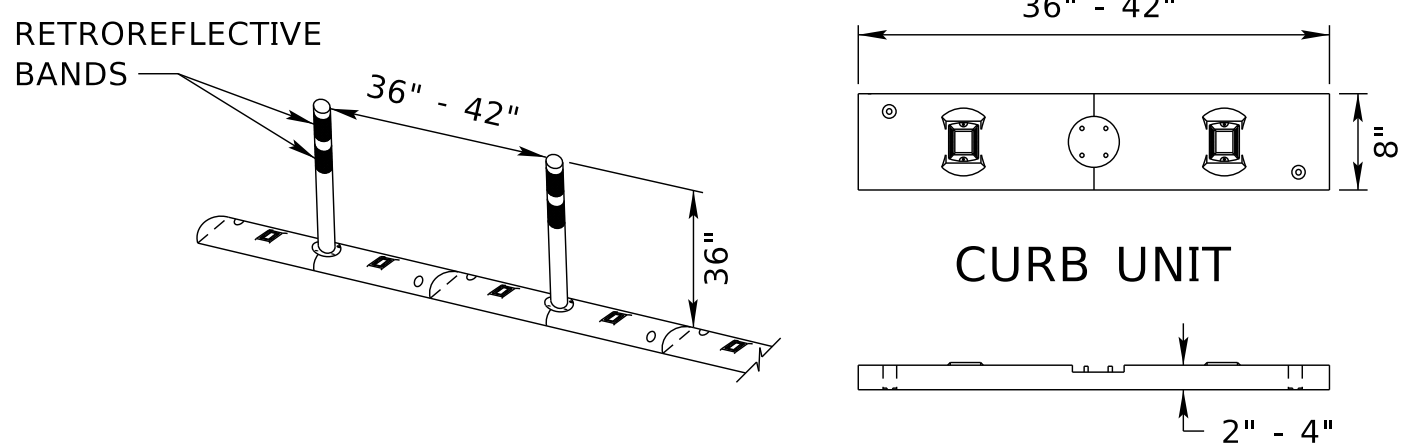
DESIGN

42 INCH CONES SHALL INCLUDE A 30 POUND RUBBER BASE AND DISPLAY FOUR 6 INCH WIDE BANDS OF RETROREFLECTIVE SHEETING, ALTERNATING FLUORESCENT ORANGE-WHITE-FLUORESCENT ORANGE-WHITE.

APPLICATION

WHEN APPROVED BY THE ENGINEER OR SHOWN IN THE PLANS, 42 INCH REFLECTIVE CONES MAY BE USED IN LIEU OF TYPE II BARRICADES OR REFLECTORIZED DRUMS. 42 INCH CONES SHALL NOT BE USED FOR LANE-CLOSURE TAPERS OR SHIFTS. IF A RECTANGULAR BASE IS USED, THE LONG SIDE OF THE BASE SHOULD BE ORIENTED PARALLEL TO THE DIRECTION OF TRAFFIC.

TUBULAR POST AND CURB SYSTEM



DESIGN

TUBULAR POSTS USED IN THE SYSTEM SHALL BE 36 INCHES HIGH AND A MINIMUM OF 2 INCHES WIDE WHEN FACING TRAFFIC. THE TUBULAR POST AND CURB SYSTEM SHALL BE MADE OF A MATERIAL THAT CAN BE STRUCK WITHOUT DAMAGING IMPACTING VEHICLES. THE COLOR SHALL BE AS SHOWN IN THE PLANS.

THE TUBULAR POSTS SHALL BE RETROREFLECTIVE. RETROREFLECTION OF TUBULAR POSTS SHALL BE PROVIDED BY TWO 3-INCH WIDE RETROREFLECTIVE BANDS PLACED A MAXIMUM OF 2 INCHES FROM THE TOP WITH A MAXIMUM OF 6 INCHES BETWEEN THE BANDS. EACH CURB SECTION SHALL CONTAIN ONE RETROREFLECTIVE MARKER FACING EACH DIRECTION OF TRAFFIC. THE COLOR OF THE RETROREFLECTIVE BANDS AND MARKERS SHALL MATCH THE POST/CURB COLOR.

THE CURB SECTIONS SHALL BE CONFIGURED TO ALLOW FOR DRAINAGE FROM THE PAVEMENT SURFACE.

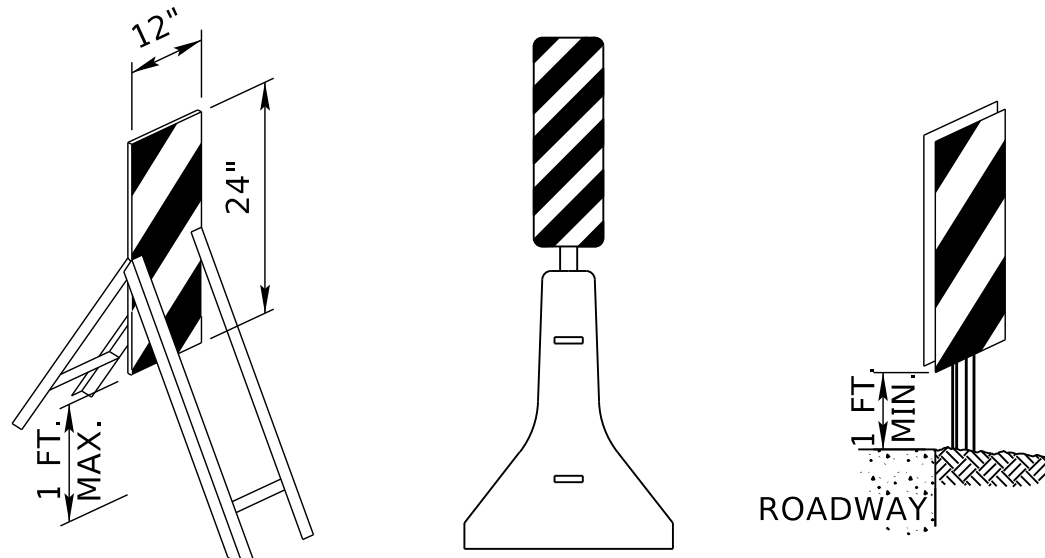
APPLICATION

TUBULAR POST AND CURB SYSTEMS MAY BE USED TO DIVIDE OPPOSING LANES OF TRAFFIC OR TO DIVIDE TRAFFIC LANES WHEN TWO OR MORE LANES ARE KEPT OPEN IN THE SAME DIRECTION.

FASTENING THE CURBS TO THE PAVEMENT WITH ANCHOR BOLTS OR OTHER SUITABLE METHODS AS DIRECTED BY THE MANUFACTURER IS REQUIRED TO MINIMIZE THE CHANCE OF BEING MOVED BY TRAFFIC.

TUBULAR POST AND CURB SYSTEMS SHALL BE INSTALLED IN THE LOCATIONS SHOWN IN THE PLANS OR DIRECTED BY THE ENGINEER.

VERTICAL PANELS



DESIGN

RETROREFLECTIVE MATERIAL ON VERTICAL PANELS SHALL BE 12 INCHES WIDE AND AT LEAST 24 INCHES HIGH. THEY SHALL HAVE ALTERNATING ORANGE AND WHITE STRIPES, WHERE THE HEIGHT OF THE RETROREFLECTIVE MATERIAL ON THE VERTICAL PANEL IS MORE THAN 36 INCHES, A PANEL STRIPE WIDTH OF 6 INCHES SHALL BE USED. WHERE THE HEIGHT OF THE RETROREFLECTIVE MATERIAL ON THE VERTICAL PANEL IS 36 INCHES OR LESS, A PANEL STRIPE WIDTH OF 4 INCHES SHALL BE USED. IF USED FOR TWO-WAY TRAFFIC, BACK-TO-BACK PANELS SHALL BE USED.

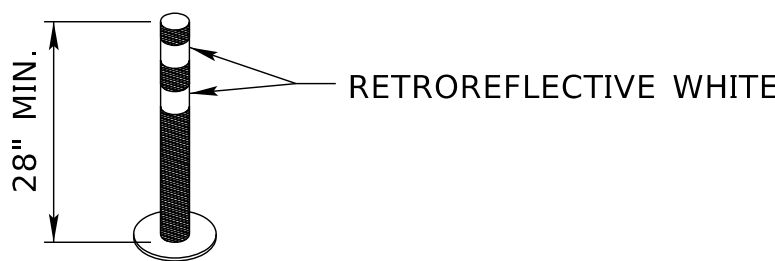
MARKINGS FOR VERTICAL PANELS SHALL BE ALTERNATING ORANGE AND WHITE RETROREFLECTORIZED STRIPES SLOPING DOWNWARD AT AN ANGLE OF 45 DEGREES IN THE DIRECTION TRAFFIC IS TO PASS.

POST MOUNTED VERTICAL PANELS SHALL BE MOUNTED WITH THE BOTTOM A MINIMUM OF 1 FOOT ABOVE THE ROADWAY. VERTICAL PANELS ON A TEMPORARY STAND SHALL BE MOUNTED WITH THE BOTTOM A MAXIMUM OF 1 FOOT ABOVE THE ROADWAY.

APPLICATION

WHERE SPACE IS LIMITED VERTICAL PANELS MAY BE USED TO CHANNEL TRAFFIC, DIVIDE OPPOSING LANES OF TRAFFIC, DIVIDE TRAFFIC LANES OR REPLACE BARRICADES. WHEN APPROVED BY THE ENGINEER, VERTICAL PANELS MAY BE POST-MOUNTED ALONG THE SIDE OF THE ROADWAY.

TUBULAR POSTS



DESIGN

TUBULAR POSTS SHALL BE PREDOMINANTLY ORANGE, NOT LESS THAN 28 INCHES HIGH, BE A MINIMUM OF 2 INCHES WIDE WHEN FACING TRAFFIC, AND MADE OF A MATERIAL THAT CAN BE STRUCK WITHOUT DAMAGING IMPACTING VEHICLES.

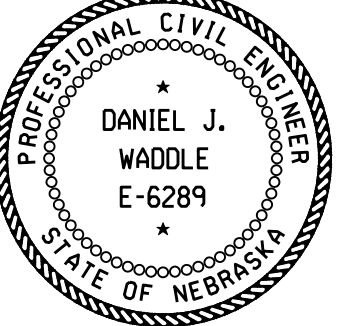
TUBULAR POSTS SHALL BE RETROREFLECTIVE. RETROREFLECTION OF TUBULAR POSTS SHALL BE PROVIDED BY TWO 3 INCHES WIDE WHITE BANDS PLACED A MAXIMUM OF 2 INCHES FROM THE TOP, WITH A MAXIMUM OF 6 INCHES BETWEEN THE BANDS. THE BASE SHALL NOT BE WIDER THAN 12 INCHES OR HIGHER THAN 2 INCHES.

APPLICATION

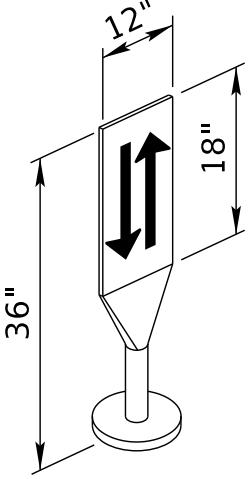
TUBULAR POSTS HAVE LESS VISIBLE AREA THAN OTHER DEVICES AND SHOULD BE USED ONLY WHERE SPACE RESTRICTIONS DO NOT ALLOW FOR THE USE OF OTHER MORE VISIBLE DEVICES. THEY MAY BE USED EFFECTIVELY TO DIVIDE OPPOSING LANES OF TRAFFIC OR TO DIVIDE TRAFFIC LANES WHEN TWO OR MORE LANES ARE KEPT OPEN IN THE SAME DIRECTION.

STEPS SHOULD BE TAKEN TO ASSURE THAT TUBULAR POSTS WILL NOT BE BLOWN OVER OR DISPLACED BY TRAFFIC BY EITHER AFFIXING THEM TO THE PAVEMENT WITH ANCHOR BOLTS OR ADHESIVE, IF A NONCYLINDRICAL DEVICE IS USED, IT SHALL BE ATTACHED TO THE PAVEMENT TO ENSURE THAT THE WIDTH FACING TRAFFIC MEETS THE MINIMUM REQUIREMENTS.

TUBULAR POSTS SHOULD NOT BE USED FOR PEDESTRIAN CHANNELIZATION OR A PEDESTRIAN BARRIERS IN TEMPORARY TRAFFIC CONTROL ZONES ON OR ALONG SIDEWALKS.

R7	JAN 18	NDOR BORDER TO NDOT BORDER
R6	JUN 14	2009 MUTCD UPDATE
R5	OCT 98	REVISE CHANNELIZATION DEVICES, TAPER
REV. NO.	DATE	DESCRIPTION OF REVISION
NEBRASKA DEPARTMENT OF TRANSPORTATION STANDARD PLAN NO. 920-R7 TRAFFIC CONTROL, CONSTRUCTION AND MAINTENANCE		
ACCEPTED BY FHWA FOR USE ON THE NATIONAL HIGHWAY SYSTEM:		
		
DATE		1 3
ORIGINAL: OCTOBER 1998		
DATE		

OPPOSING TRAFFIC LANE DIVIDERS



DESIGN

OPPOSING TRAFFIC LANE DIVIDERS SHALL BE A TWO SIDED UPRIGHT RETROREFLECTORIZED ORANGE PANEL, WITH A WIDTH OF 12 INCHES AND A HEIGHT OF 18 INCHES. THE TOP OF THE PANEL SHALL BE 36 INCHES ABOVE THE PAVEMENT. THE SYMBOL ON EACH SIDE SHALL BE TWO OPPOSING BLACK ARROWS. THE LANE DIVIDER SHALL BE MADE OF LIGHTWEIGHT MATERIAL THAT WILL YIELD UPON IMPACT BY A VEHICLE. THE LANE DIVIDER BASE SHALL NOT BE WIDER THAN 12 INCHES OR HIGHER THAN 4 INCHES. THE BASE SHALL BE ATTACHED TO THE EXISTING SURFACE BY EPOXY OR OTHER SUITABLE ADHESIVE, TO ENSURE THAT THE PANEL REMAINS FACING TRAFFIC.

APPLICATION

OPPOSING TRAFFIC LANE DIVIDERS ARE DELINEATION DEVICES USED AS CENTER LANE DIVIDERS TO SEPARATE OPPOSING TRAFFIC ON A TWO-LANE, TWO-WAY OPERATION.

LIGHTING DEVICES

FUNCTION

CONSTRUCTION AND MAINTENANCE ACTIVITIES OFTEN CREATE CONDITIONS ON OR NEAR THE TRAVELED WAY THAT ARE PARTICULARLY HAZARDOUS AT NIGHT. IT IS OFTEN DESIRABLE AND NECESSARY TO SUPPLEMENT THE REFLECTORIZED SIGNS, BARRIERS, AND CHANNELIZING DEVICES WITH LIGHTING DEVICES. STROBE TYPE LIGHTS ARE NOT PERMITTED.

BARRICADE WARNING LIGHTS DESIGN (BATTERY OPERATED)

TYPE "A" LOW INTENSITY FLASHING WARNING LIGHTS ARE MOST COMMONLY MOUNTED ON BARRICADES, OR WITH SIGNS AND ARE INTENDED TO WARN THE DRIVER THAT THEY ARE PROCEEDING IN A HAZARDOUS AREA. THESE LIGHTS SHALL NOT BE USED FOR DELINEATION, AS A SERIES OF FLASHING LIGHTS IN A ROW WOULD TEND TO OBSCURE THE DESIRED PATH.

TYPE "A" HIGH INTENSITY FLASHING WARNING LIGHTS ARE NORMALLY MOUNTED ON THE TYPE III BARRICADE THAT ACCOMPANIES THE ADVANCE WARNING SIGNS.

TYPE "C" STEADY BURN LIGHTS AS USED HEREIN, SHALL MEAN A SERIES OF LOW WATTAGE YELLOW ELECTRIC LIGHTS. WHERE LIGHTS ARE NEEDED TO DELINEATE OR MARK THE TRAVELED WAY THROUGH AND AROUND OBSTRUCTIONS IN A CONSTRUCTION MAINTENANCE AREA, THE DELINEATION SHALL BE ACCOMPLISHED BY USE OF STEADY BURNING LIGHTS. WHEN USED TO SUPPLEMENT CHANNELIZATION, THE MAXIMUM SPACING FOR WARNING LIGHTS SHOULD BE IDENTICAL TO THE CHANNELIZING DEVICE SPACING REQUIREMENTS. WHEN USED TO DELINEATE A CURVE, TYPE "C" WARNING LIGHTS SHOULD ONLY BE USED ON DEVICES ON THE OUTSIDE OF THE CURVE, AND NOT ON THE INSIDE OF THE CURVE.

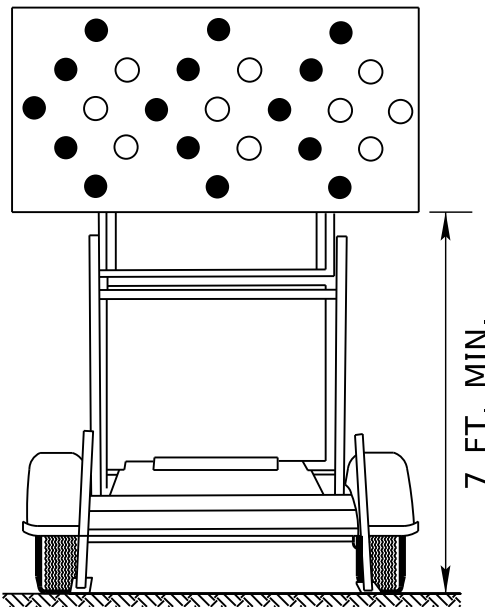
FLASHING ARROW PANEL (DISPLAY)

AN ARROW PANEL IS A SIGN WITH A MATRIX OF ELEMENTS, CAPABLE OF EITHER FLASHING OR SEQUENTIAL DISPLAYS. THIS SIGN SHALL PROVIDE ADDITIONAL WARNING AND DIRECTIONAL INFORMATION TO ASSIST IN MERGING AND CONTROLLING ROAD USERS THROUGH OR AROUND A TEMPORARY TRAFFIC CONTROL ZONE. AN ARROW PANEL SHOULD BE USED IN COMBINATION WITH APPROPRIATE SIGNS, CHANNELIZING DEVICES OR OTHER TRAFFIC CONTROL DEVICES.

DESIGN

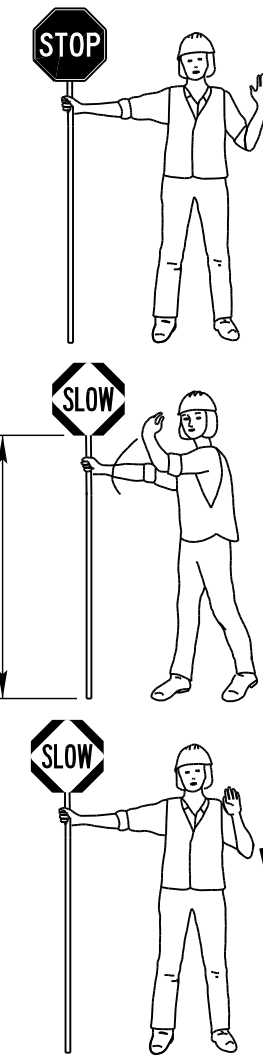
ARROW PANELS SHALL MEET THE SIZE AND SPECIFICATIONS OF THE MUTCD FOR TYPE "C" ARROW DISPLAYS.

FLASHING ARROW PANEL SHALL BE RECTANGULAR, OF SOLID APPEARANCE AND FINISHED IN NON-REFLECTIVE BLACK. THE PANEL SHALL BE MOUNTED ON A VEHICLE, TRAILER OR OTHER SUITABLE SUPPORT. MINIMUM MOUNTING HEIGHT MEASURED VERTICALLY FROM THE BOTTOM OF THE PANEL TO THE ROADWAY BELOW IT OR TO THE ELEVATION OF THE NEAR EDGE OF THE ROADWAY. SHALL BE 7 FEET EXCEPT ON VEHICLE-MOUNTED PANELS, WHICH SHOULD BE AS HIGH AS PRACTICAL.

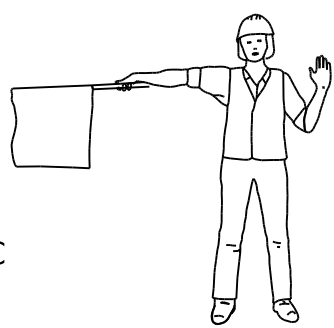


FLAGGERS

REQUIRED METHOD



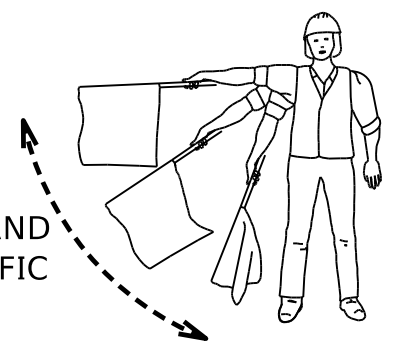
EMERGENCY USE ONLY



TO STOP TRAFFIC

TRAFFIC PROCEED

TO ALERT AND SLOW TRAFFIC



FLAGGER PADDLE

THE STOP/SLOW PADDLE SHALL HAVE AN OCTAGONAL SHAPE ON A RIGID HANDLE. STOP/SLOW PADDLES SHALL BE AT LEAST 18 INCHES WIDE WITH LETTERS AT LEAST 6 INCHES HIGH. IF THE STOP/SLOW PADDLE IS PLACED ON A RIGID STAFF, THE MINIMUM LENGTH OF THE STAFF, MEASURED FROM THE BOTTOM OF THE SIGN TO THE END OF THIS STAFF THAT RESTS ON THE GROUND, SHOULD BE 5 FEET. THE STOP/SLOW PADDLE SHOULD BE THE PRIMARY AND PREFERRED HAND-SIGNALING DEVICE BECAUSE THE STOP/SLOW PADDLE GIVES ROAD USERS MORE POSITIVE GUIDANCE THAN RED FLAGS. USE OF FLAGS SHOULD BE LIMITED TO EMERGENCY SITUATIONS.

FLAGGERS

A FLAGGER MUST BE DRESSED FOR SAFETY. IN ADDITION TO THE REQUIREMENTS OF THE "WORKER VISIBILITY" SECTION LISTED BELOW, FLAGGERS SHALL WEAR:

1. AN ORANGE OR YELLOW/GREEN CAP OR HARD HAT.
2. A SHIRT WITH SLEEVES, PANTS AND SHOES (TANK TOPS, SHORTS OR SANDALS SHALL NOT BE WORN).

FLAGGERS SHALL BE INSTRUCTED IN THE PROPER LOCATION, DUTIES AND PROCEDURES FOR FLAGGING AS OUTLINED IN THE CURRENT MUTCD AND THE DEPARTMENT OF ROADS FLAGGER'S HANDBOOK. AS REQUIRED BY THE DEPARTMENT OF ROADS, THE FLAGGER SHALL BE CERTIFIED, AND HAVE IN THEIR POSSESSION, A VALID FLAGGER CERTIFICATION CARD.

WORKER VISIBILITY

ALL WORKERS WITHIN THE RIGHT-OF-WAY WHO ARE EXPOSED EITHER TO TRAFFIC (VEHICLES USING THE HIGHWAY FOR PURPOSES OF TRAVEL) OR TO CONSTRUCTION EQUIPMENT WITHIN THE WORK AREA SHALL WEAR HIGH-VISIBILITY SAFETY APPAREL. HIGH-VISIBILITY SAFETY APPAREL IS DEFINED TO MEAN PERSONAL PROTECTIVE SAFETY CLOTHING THAT;

1. IS INTENDED TO PROVIDE CONSPICUITY DURING BOTH DAYTIME AND NIGHTTIME USAGE, AND
2. MEETS THE PERFORMANCE CLASS 2 OR CLASS 3 REQUIREMENTS OF THE ANSI/ISEA 107-2004 PUBLICATION ENTITLED "AMERICAN NATIONAL STANDARDS FOR HIGH-VISIBILITY SAFETY APPAREL AND HEADWEAR"

THE ARROW PANEL SHALL HAVE A MINIMUM SIZE OF 96 INCHES WIDE AND 48 INCHES HIGH. THE MINIMUM LEGIBILITY DISTANCE SHALL BE 1 MILE. THE PANEL SHALL CONTAIN 25 LAMP ELEMENTS. ARROW PANEL ELEMENTS SHALL BE CAPABLE OF A MINIMUM 50 PERCENT DIMMING, AUTOMATICALLY WHEN AMBIENT LIGHT FALLS BELOW 50 LUX.

THE MINIMUM ELEMENT "ON TIME" SHALL BE 50 PERCENT FOR THE FLASHING MODE AND EQUAL INTERVALS OF 25 PERCENT FOR EACH SEQUENTIAL CHEVRON PHASE. THE FLASHING RATE SHALL BE NO FEWER THAN 25 NOR MORE THAN 40 FLASHES PER MINUTE.

APPLICATION

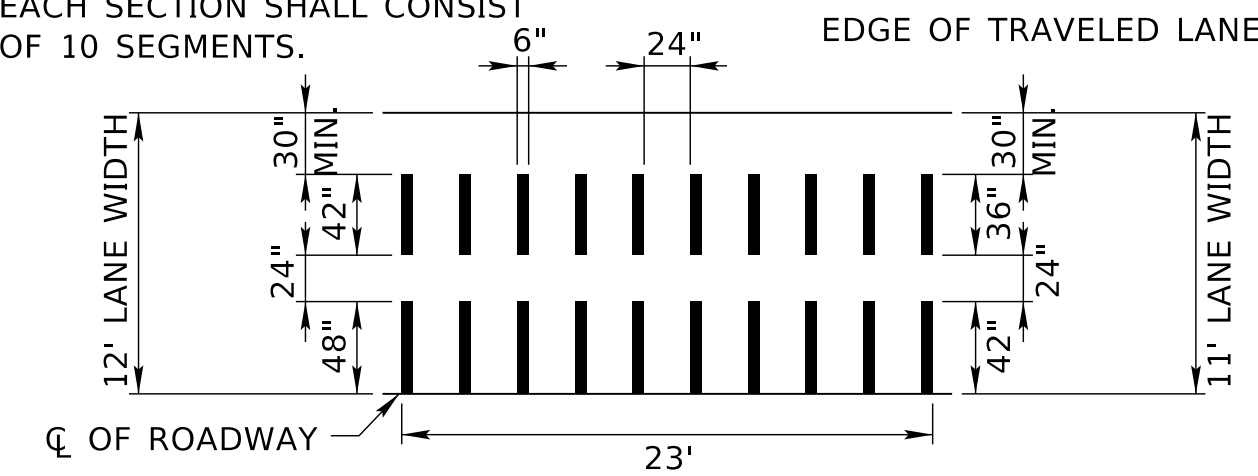
A FLASHING ARROW OR SEQUENTIAL CHEVRON MODE SHALL ONLY BE USED FOR STATIONARY OR MOVING LANE CLOSURES.

FOR SHOULDER WORK BLOCKING THE SHOULDER, FOR ROADSIDE WORK NEAR THE SHOULDER, OR FOR TEMPORARILY CLOSING ONE LANE ON A TWO-LANE, TWO-WAY ROADWAY, AN ARROW PANEL SHALL BE USED ONLY IN THE CAUTION MODE.

AN ARROW DISPLAY MODE SHALL NOT BE USED ON A TWO-LANE TWO-WAY ROADWAY FOR TEMPORARY ONE-LANE OPERATION OR LANE SHIFTS. AN ARROW DISPLAY SHALL NOT BE USED TO Laterally SHIFT TRAFFIC.

TEMPORARY RUMBLE STRIPS

EACH SECTION SHALL CONSIST OF 10 SEGMENTS.



DESIGN

TEMPORARY RUMBLE STRIPS MAY BE MADE OF ASPHALT PAVING MATERIAL, EPOXY AND AGGREGATE OR OTHER SUITABLE MATERIAL WHICH WILL MAINTAIN A DESIRABLE RUMBLE EFFECT. THE TEMPORARY RUMBLE STRIP SHOULD HAVE AN INSTALLED HEIGHT OF 3/8". PREFORMED RUMBLE STRIPS MAY BE USED PROVIDED THEY HAVE A MINIMUM 1/2" HEIGHT.

TRAFFIC SIGNALS

TRAFFIC SIGNALS MAY BE ALLOWED AT CERTAIN EQUIPMENT CROSSINGS WHERE THE VOLUME OF FILL MATERIAL AND THE NUMBER OF EQUIPMENT CROSSINGS PER HOUR IS HIGH. TRAFFIC SIGNALS MAY BE ALLOWED AT CERTAIN BRIDGE CONSTRUCTION SITES WHERE A COMBINATION OF ONE-WAY TRAFFIC AND HIGH TRAFFIC VOLUMES WOULD BE BEST SERVED WITH THIS TYPE OF TRAFFIC CONTROL.

ALL TRAFFIC SIGNAL REQUESTS AND METHOD OF INSTALLATION ON THE STATE HIGHWAY SYSTEM SHALL BE IN COMPLIANCE WITH THE MUTCD AND MUST BE APPROVED BY THE STATE TRAFFIC ENGINEER.

IF, AFTER THE SIGNAL ASSEMBLIES ARE ERECTED AND THE ROAD IS OPEN TO PUBLIC TRAVEL, THE SIGNAL SYSTEM IS NOT PUT IMMEDIATELY INTO OPERATION, THE SIGNAL FACES SHALL BE COVERED WITH BURLAP OR OTHER OPAQUE MATERIAL SUBJECT TO THE APPROVAL OF THE ENGINEER, INOPERATIVE SIGNALS ON ROADS OPEN TO THE PUBLIC SHALL ALWAYS BE COVERED. TILTING THE SIGNALS UPWARD IS NOT AN ACCEPTABLE ALTERNATIVE TO COVERING THE HEADS.

FLOODLIGHTS

WHEN NIGHTTIME WORK IS REQUIRED, FLOODLIGHTS SHALL BE USED TO ILLUMINATE FLAGGER STATIONS. FLOODLIGHTS SHOULD BE USED TO ILLUMINATE EQUIPMENT CROSSINGS, AND OTHER AREAS WHERE EXISTING LIGHT IS NOT ADEQUATE FOR THE WORK TO BE PERFORMED SAFELY.

IN NO CASE SHALL FLOODLIGHTING BE PERMITTED TO CREATE A DISABLING GLARE FOR DRIVERS. THE ADEQUACY OF THE FLOODLIGHT PLACEMENT AND ELIMINATION OF POTENTIAL GLARE SHOULD BE CHECKED BY DRIVING THROUGH THE PROJECT.

PAVEMENT MARKING

IT IS INTENDED TO THE EXTENT POSSIBLE, THAT MOTORISTS BE PROVIDED MARKINGS WITHIN A WORK AREA COMPARABLE TO THE MARKINGS NORMALLY MAINTAINED ALONG ADJACENT ROADWAYS, PARTICULARLY AT EITHER END OF THE WORK AREA.

ALL MARKINGS AND DEVICES USED TO DELINEATE VEHICLE AND PEDESTRIAN PATHS SHALL BE CAREFULLY REVIEWED DURING DAYTIME AND NIGHTTIME PERIODS TO AVOID INADVERTENTLY LEADING DRIVERS OR PEDESTRIANS FROM THE INTENDED PATH.

PAVEMENT MARKINGS NO LONGER APPLICABLE SHALL BE REMOVED UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TAPERS

TAPERS ARE CREATED USING A SERIES OF CHANNELIZING DEVICES OR PAVEMENT MARKINGS TO MOVE TRAFFIC OUT OF OR INTO ITS NORMAL PATH.

MERGING TAPER

A MERGING TAPER REQUIRES THE LONGEST DISTANCE BECAUSE DRIVERS ARE REQUIRED TO MERGE INTO COMMON ROAD SPACE. THE TAPER SHOULD BE LONG ENOUGH TO ENABLE MERGING DRIVERS TO HAVE ADEQUATE ADVANCE WARNING AND SUFFICIENT LENGTH TO ADJUST THEIR SPEEDS AND MERGE INTO A SINGLE LANE BEFORE THE DOWNSTREAM END OF THE TRANSITION.

SHIFTING TAPER

A SHIFTING TAPER IS USED WHEN MERGING IS NOT REQUIRED, BUT A LATERAL SHIFT IS NEEDED. APPROXIMATELY ONE-HALF "L" HAS BEEN FOUND TO BE ADEQUATE. WHERE MORE SPACE IS AVAILABLE, IT MAY BE BENEFICIAL TO USE LONGER TAPERS. GUIDANCE FOR CHANGES IN ALIGNMENT MAY ALSO BE ACCOMPLISHED BY USING HORIZONTAL CURVES DESIGNED FOR NORMAL HIGHWAY SPEEDS.

SHOULDER TAPERS

A SHOULDER TAPER MAY BE BENEFICIAL ON HIGH-SPEED ROADWAYS WHERE SHOULDERS ARE PART OF THE ACTIVITY AREA AND ARE CLOSED, OR WHEN IMPROVED SHOULDERS MIGHT BE MISTAKEN AS A DRIVING LANE IN THESE INSTANCES, THE SAME TYPE, BUT ABBREVIATED, CLOSURE PROCEDURES USED ON A NORMAL PORTION OF THE ROADWAY CAN BE USED. IF USED, SHOULDER TAPERS APPROACHING THE ACTIVITY AREA SHOULD HAVE A LENGTH OF ABOUT ONE-THIRD "L".

DOWNSTREAM TAPERS

THE DOWNSTREAM TAPER MAY BE USEFUL IN TERMINATION AREAS TO PROVIDE A VISUAL CUE TO THE DRIVER THAT ACCESS IS AVAILABLE TO THE ORIGINAL LANE OR PATH THAT WAS CLOSED. WHEN USED, IT SHOULD HAVE A MINIMUM LENGTH OF ABOUT 100 FEET PER LANE, WITH DEVICES SPACED ABOUT 20 FEET APART.

ONE LANE, TWO WAY TAPER

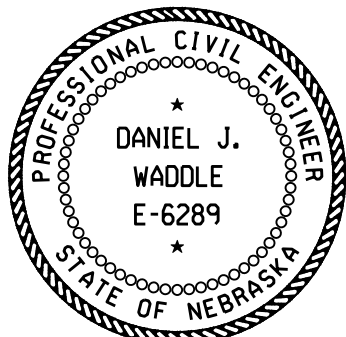
THE ONE-LANE, TWO-WAY TAPER IS USED IN ADVANCE OF AN ACTIVITY AREA THAT OCCUPIES PART OF A TWO-WAY ROADWAY IN SUCH A WAY THAT A PORTION OF THE ROAD IS USED ALTERNATELY BY TRAFFIC IN EACH DIRECTION. A SHORT TAPER HAVING A MINIMUM LENGTH OF 50 FEET AND A MAXIMUM LENGTH OF 100 FEET WITH CHANNELZING DEVICES AT APPROXIMATELY 20 FOOT SPACINGS SHOULD BE USED TO GUIDE TRAFFIC INTO THE ONE-LANE-SECTION AND A DOWNSTREAM TAPER WITH A LENGTH OF APPROXIMATELY 100 FEET SHOULD BE USED TO GUIDE TRAFFIC BACK INTO THEIR ORIGINAL LANE.

TAPER LENGTH CRITERIA FOR TEMPORARY TRAFFIC CONTROL ZONES	
TYPE OF TAPER	TAPER LENGTH (FEET)
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/3 L MINIMUM
TWO-WAY TAPER	100 FEET MAXIMUM

FORMULAS FOR L	
SPEED	FORMULA
40 MPH OR LESS	$L = \frac{WS^2}{60}$
45 MPH OR GREATER	$L = WS$

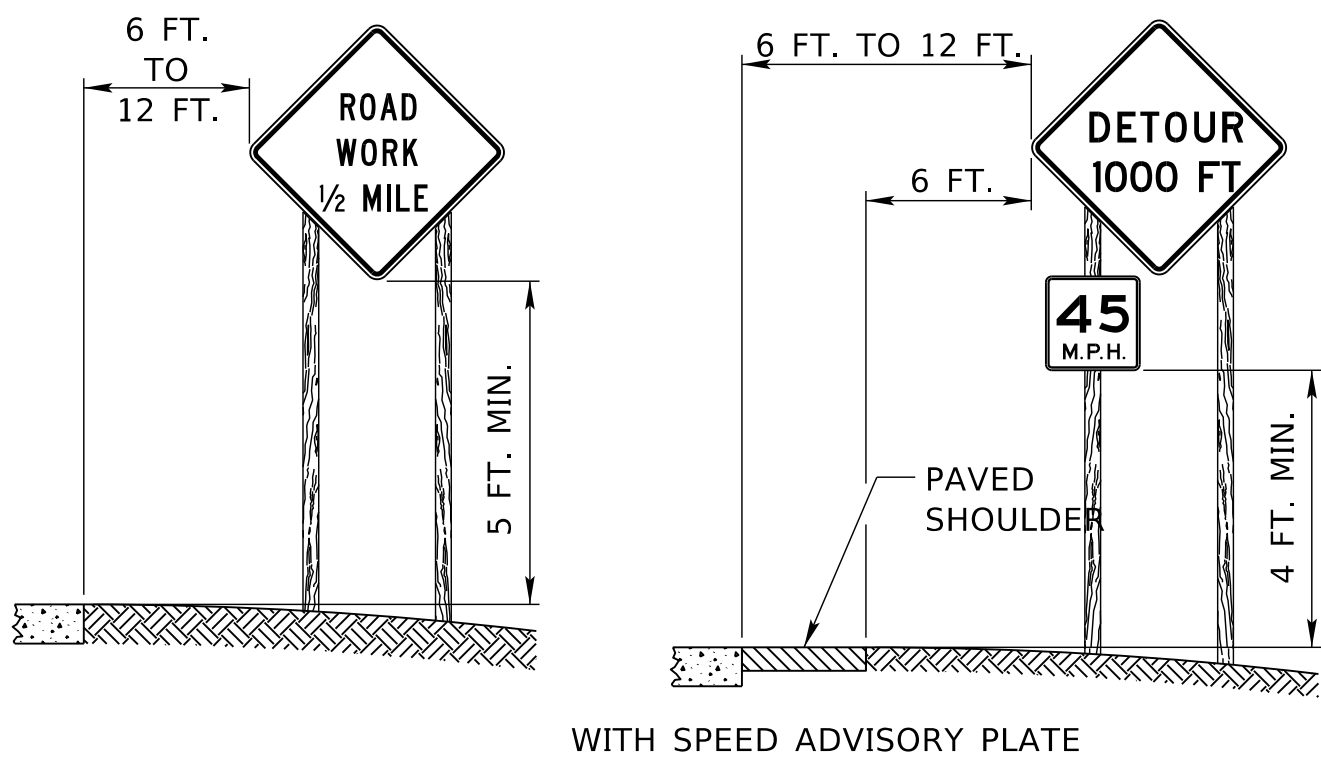
L = TAPER LENGTH IN FEET
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED LIMIT PRIOR TO WORK IN MPH

TAPER LENGTH L (FEET)			
SPEED (MPH)	LANE WIDTH		
S	10 FT.	11 FT.	12 FT.
25	105	115	125
30	150	165	180
35	205	225	245
40	270	295	320
45	450	495	540
50	500	550	600
55	550	605	660
60	600	660	720
65	650	715	780
75	750	825	900

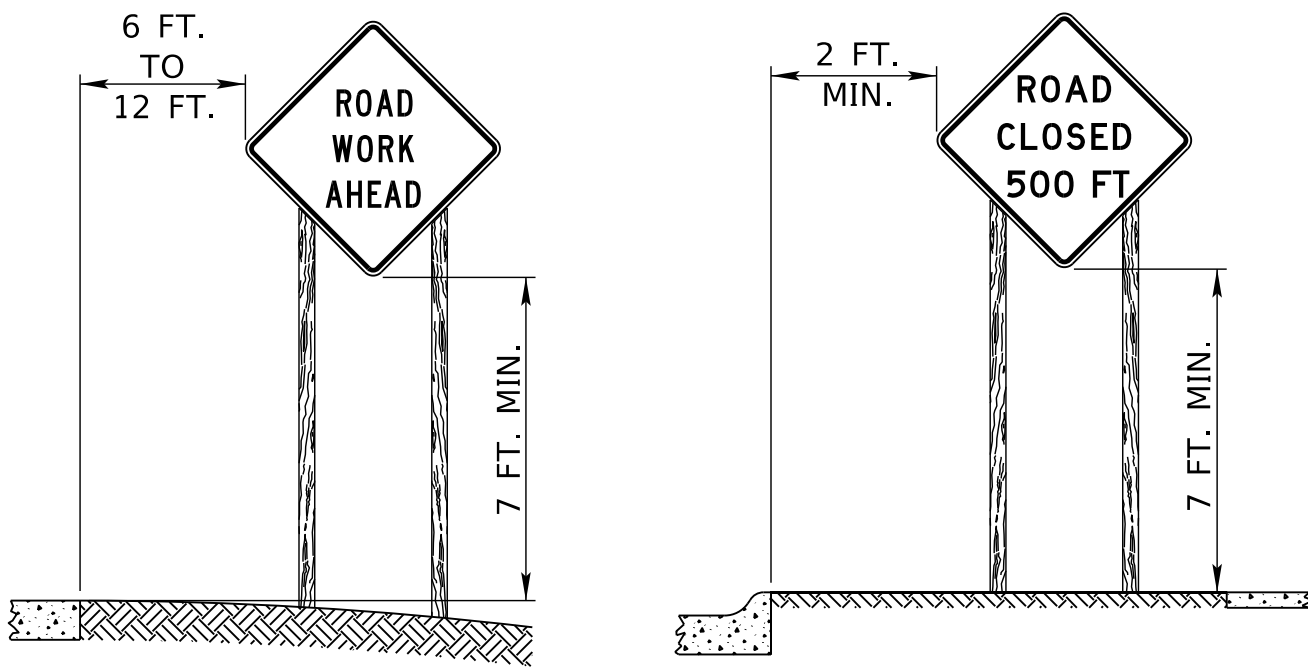
R7	JAN 18	NDOR BORDER TO NDOT BORDER
R6	JUN 14	2009 MUTCD UPDATE
R5	OCT 98	REVISE CHANNELIZATION DEVICES, TAPER
REV. NO.	DATE	DESCRIPTION OF REVISION
NEBRASKA DEPARTMENT OF TRANSPORTATION STANDARD PLAN NO. 920-R7 TRAFFIC CONTROL, CONSTRUCTION AND MAINTENANCE		
ACCEPTED BY FHWA FOR USE ON THE NATIONAL HIGHWAY SYSTEM:		
		
DATE		2
ORIGINAL: OCTOBER 1998		3
DATE		

ROADSIDE SIGNS

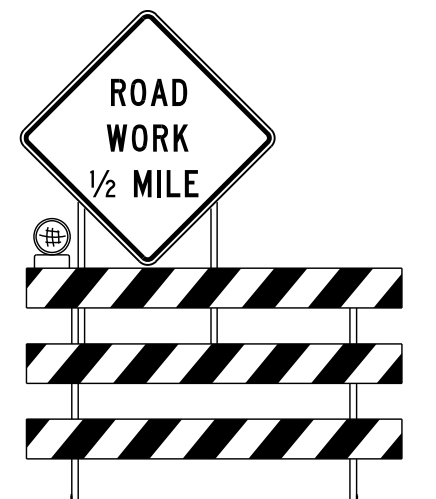
HEIGHT AND LATERAL LOCATION OF SIGNS
RURAL AREA



URBAN AREA

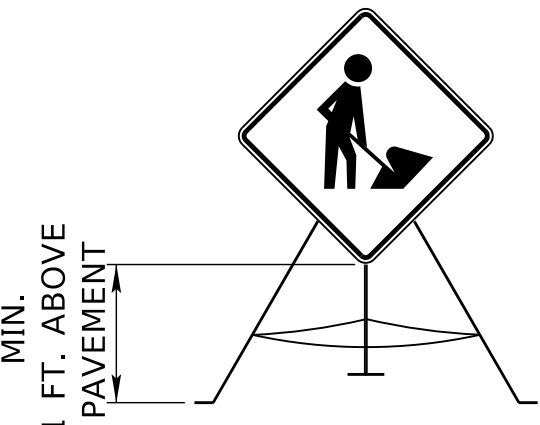


TYPICAL FIRST SIGN AT
CONSTRUCTION SITE

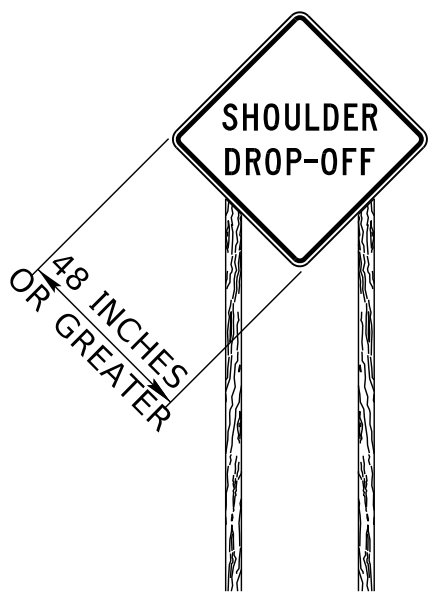


WITH TYPE "A" FLASHING
WARNING LIGHT MOUNTED
ABOVE TYPE III BARRICADE

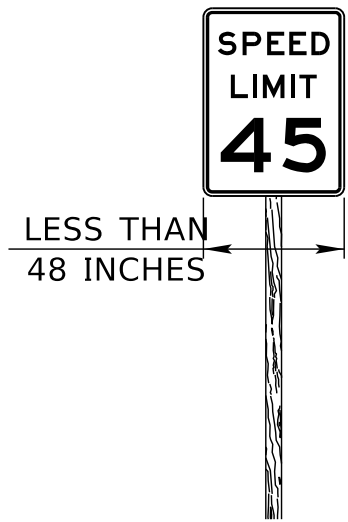
PORTABLE AND
TEMPORARY MOUNTING



TYPICAL SIGN MOUNTINGS
POST MOUNTED

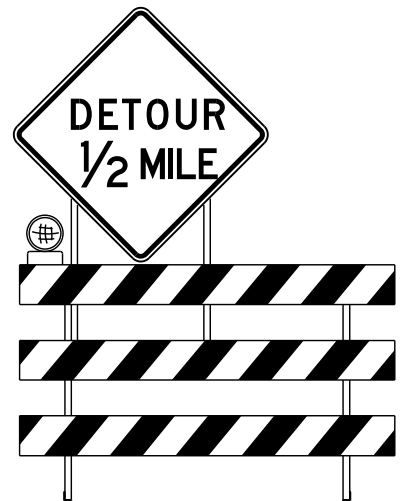


SIGNS 48 INCHES OR WIDER
REQUIRE TWO POSTS

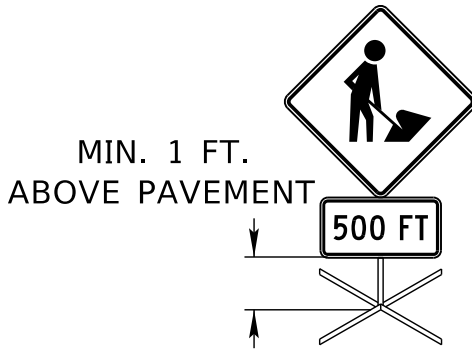


SIGN WIDTHS LESS THAN 48 INCHES
MAY BE MOUNTED WITH ONE POST

TYPICAL SIGN MOUNTINGS
OTHER THAN POST MOUNTED



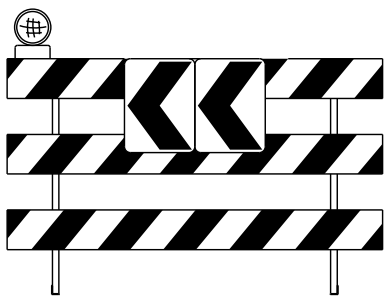
TYPE III BARRICADE
WITH SIGN



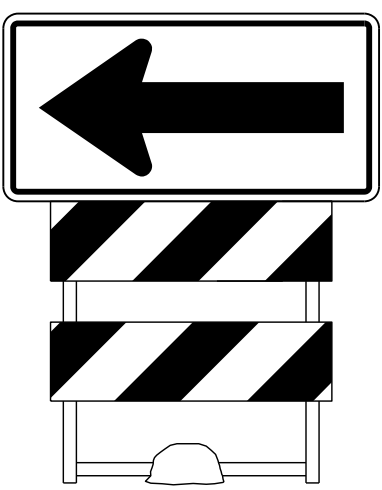
PORTABLE AND
TEMPORARY MOUNTING



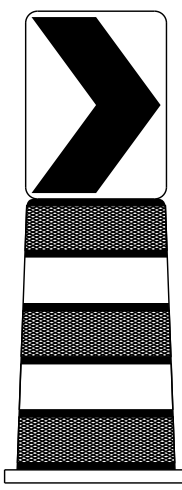
TYPE III BARRICADE WITH
SIGN AND DETOUR ARROW



TYPE III BARRICADE
WITH CHEVRONS



TYPE II BARRICADE WITH
DETOUR ARROW OR SIGN



PLASTIC DRUM WITH
CHEVRON OR SIGN

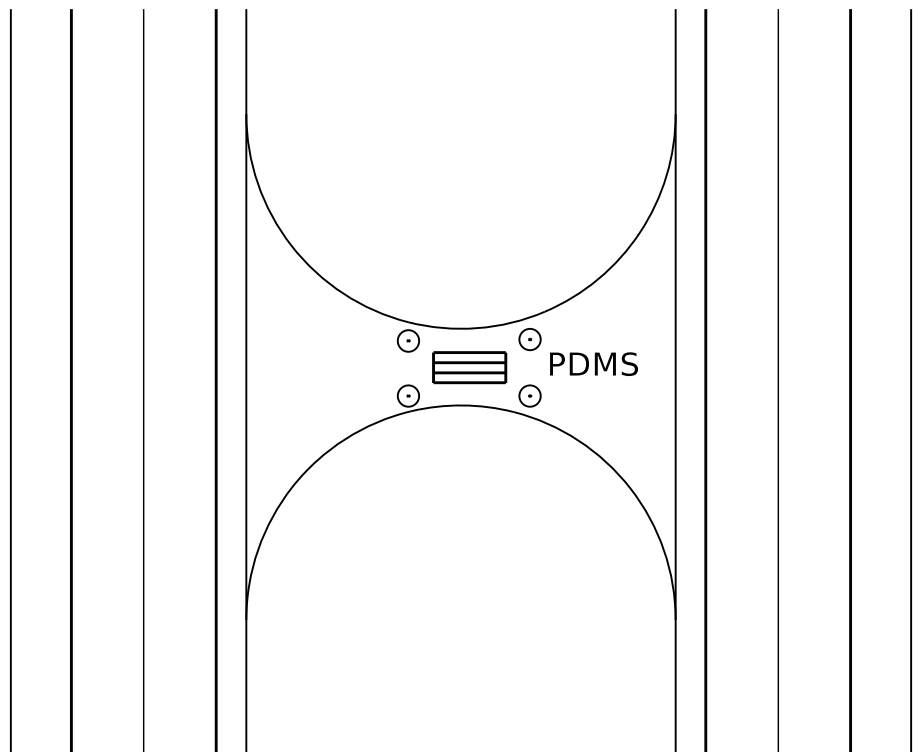
TEMPORARY SIGN SUPPORTS

ALL "TEMPORARY SIGN" SUPPORTS (BASES) SHALL BE NCHRP 350 OR MASH (TL-3) APPROVED.

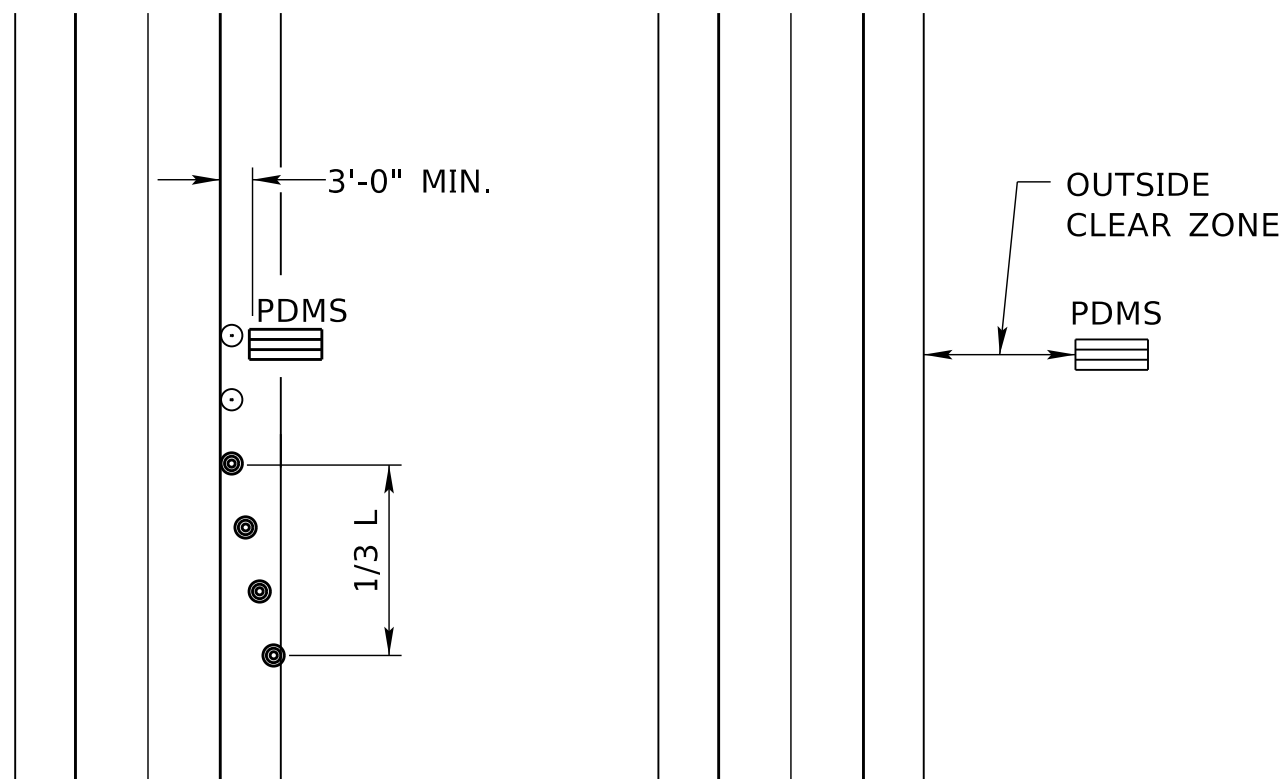
"TEMPORARY SIGNS" ARE ALL TEMPORARILY MOUNTED WORK ZONE SIGNS THAT ARE NOT POST MOUNTED IN THE GROUND AT THE TYPICAL 5 FOOT MOUNTING HEIGHT. TEMPORARY SIGNS ARE CONSIDERED NCHRP 350 OR MASH CATEGORY 2 DEVICES AND ARE MOUNTED ON TEMPORARY SIGN STANDS. TEMPORARY SIGNS SHALL BE MOUNTED A MINIMUM OF 1 FOOT ABOVE THE GROUND, UNLESS OTHERWISE REQUIRED TO BE MOUNTED AT A HIGHER HEIGHT.

TEMPORARY SIGNS AND THEIR SUPPORTS SHALL NOT BE IN PLACE LONGER THAN 3 DAYS. ANY SIGN THAT IS TO BE IN PLACE LONGER THAN 3 DAYS SHALL BE POST MOUNTED OR MOUNTED TO A DRUM, BARRICADE, OR BARRIER, AS REQUIRED BY THE PLANS OR SPECIFICATIONS.

PORTABLE DYNAMIC MESSAGE SIGN DELINEATION



IN MEDIAN



ON SHOULDER

OFF SHOULDER

PORTABLE DYNAMIC MESSAGE SIGNS (PDMS)

THE PLACEMENT OF PDMS SHOULD BE IN THE FOLLOWING ORDER:

WHENEVER POSSIBLE, PDMS SHOULD BE PLACED OFF OF ANY USABLE PORTION OF THE ROADWAY LOCATED ON THE RIGHT SIDE OF THE ROADWAY. WHEN PLACED OUTSIDE THE CLEAR ZONE OR BEHIND GUARDRAIL OR CONCRETE PROTECTION BARRIERS, DELINEATION IS NOT REQUIRED.

WHERE FIELD CONDITIONS DO NOT ALLOW FOR THIS PLACEMENT, THE SIGNS MAY BE LOCATED ON THE OUTSIDE SHOULDER OF THE ROADWAY OR WITHIN THE MEDIAN.

- A MINIMUM CLEARANCE OF 3 FEET MEASURED HORIZONTALLY FROM THE EDGE OF THE SIGN TO THE EDGE OF THE TRAVELED WAY IS RECOMMENDED.
- THE PDMS SHOULD HAVE A MINIMUM MOUNTED HEIGHT OF 7 FEET ON FREEWAYS, EXPRESSWAYS AND IN URBAN AREAS.
- ALL OTHER RURAL APPLICATIONS SHOULD HAVE A MINIMUM HEIGHT OF 5 FEET.

THESE HEIGHTS ARE MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE PAVEMENT.

REFLECTORIZED PLASTIC DRUMS SHOULD BE USED TO DELINEATE EACH SIGN USING A 1/3 L TAPER. THESE DRUMS SHOULD BE POSITIONED ON THE UPSTREAM END OF THE SIGN TO FORM A TAPER LEADING UP TO THE TRAFFIC SIDE OF THE SIGN. FOR A SIGN LOCATED IN THE MEDIAN, THE SIGN SHOULD BE DELINEATED WITH A 42 INCH CONE ON ALL FOUR CORNERS.

WHEN DEPLOYED, THE SIGN SHALL BE SIGHTED AND ALIGNED WITH APPROACHING TRAFFIC TO ENSURE VISIBILITY OF THE MESSAGE. IF MULTIPLE SIGNS ARE USED, THE SIGNS SHOULD BE LOCATED ON THE SAME SIDE OF THE ROAD AND SEPARATED ACCORDING TO PROPER SIGN SPACING.

WHEN PRACTICAL, PDMS SHOULD NOT BE USED TO REPLACE STATIC SIGNS FOR LONG TERM USAGE (OVER 10 DAYS).

WHEN PDMS ARE TO BE DEPLOYED FOR LONG PERIODS, SUCH AS INCIDENT MANAGEMENT ROLES, CONCRETE PADS WITH APPROPRIATE TIE DOWNS SHOULD BE CONSTRUCTED FOR THEIR PLACEMENT.

PDMS NOT ACTIVELY BEING USED IN A CONSTRUCTION OR INCIDENT MANAGEMENT ROLE SHOULD BE REMOVED.

REFER TO NDOR "DMS GUIDELINES" FOR PROPER PDMS MESSAGE INFORMATION.

NOTES

- ALL TRAFFIC CONTROL DEVICES SHALL MEET THE APPLICABLE STANDARDS AND SPECIFICATIONS PRESCRIBED IN PART 6 OF THE LATEST ADOPTED EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD)" AND THE STATE OF NEBRASKA SUPPLEMENT TO THE MUTCD. ALL TRAFFIC CONTROL DEVICES SHALL BE CRASHWORTHY AND QUALIFY AS SUCH ACCORDING TO THE TESTING AND ACCEPTANCE GUIDELINES OF THE NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM (NCHRP) REPORT 350 OR MANUAL FOR ASSESSING SAFETY HARDWARE (MASH).
- TRAFFIC CONTROL PLANS AND DEVICES SHOULD FOLLOW THE PRINCIPLES SET FORTH, BUT MAY DEVIATE FROM THE TYPICAL DRAWINGS TO ALLOW FOR CONDITIONS AND REQUIREMENTS OF THE PROJECT.
- TRAFFIC CONTROL DEVICES SHALL BE INSTALLED SO AS NOT TO OBSTRUCT THE VIEW OF OTHER TRAFFIC CONTROL DEVICES.
- THE ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE THE USE, AND APPROVE THE LOCATION OF ANY OF THE DEVICES SHOWN IN THESE PLANS.

WORK ZONE SPEED LIMIT NOTES

- WORK ZONE SPEED LIMITS SHALL NOT BE INSTALLED WITHOUT A SPEED ZONE AUTHORIZATION COMPLETED BY THE DEPARTMENT.
- REDUCED SPEED LIMITS SHOULD BE USED ONLY IN THE SPECIFIC PORTION OF THE WORK ZONE WHERE CONDITIONS OR RESTRICTIVE FEATURES ARE PRESENT. HOWEVER, FREQUENT CHANGES IN THE SPEED LIMIT SHOULD BE AVOIDED. THE REDUCTION OF SPEED SHOULD BE DESIGNED SO VEHICLES CAN SAFELY TRAVEL THROUGH THE WORK ZONE WITH A SPEED LIMIT REDUCTION OF NO MORE THAN 10 MPH UNLESS OTHERWISE NOTED IN THE PLANS.
- WORK ZONE SPEED LIMITS SHOWN ARE TYPICAL APPLICATIONS ONLY AND ARE NOT TO BE ASSUMED AS THE SPEED LIMITS REQUIRED FOR THE WORK.
- EXISTING SPEED LIMIT SIGNS SHALL BE REMOVED OR COVERED WHEN A REDUCED WORK ZONE SPEED LIMIT IS IN EFFECT IN THE SAME AREA.
- WORK ZONE SPEED LIMIT SIGNS SHALL BE INSTALLED EVERY MILE THROUGH THE WORK AREA WHEN SPEED ZONE IS REDUCED.
- A SPEED LIMIT SIGN ENDING THE REDUCED SPEED ZONE SHALL BE INSTALLED AT THE END OF EACH ZONE.
- DOUBLE FINES AND REDUCED SPEED ZONE SIGNING ARE NOT REQUIRED FOR SHORT-DURATION WORK LESS THAN 12 HOURS.

TAPER FORMULA

$L = S \times W$ FOR SPEEDS OF 45 MPH OR MORE.

$L = \frac{WS^2}{60}$ FOR SPEEDS OF 40 MPH OR LESS.

WHERE:

L = MINIMUM LENGTH OF TAPER.

S = NUMERICAL VALUE OF POSTED
SPEED LIMIT PRIOR TO WORK.

W = WIDTH OF OFFSET (LANE WIDTH).

LEGEND

TYPE III BARRICADE

REFLECTORIZED PLASTIC DRUM

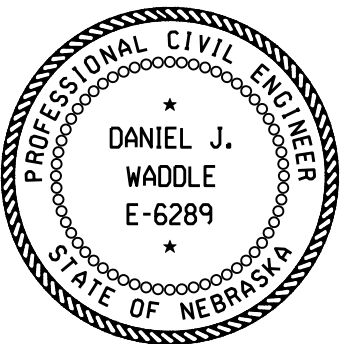
REFLECTORIZED PLASTIC DRUM
OR 42" CONE

PORTABLE DYNAMIC MESSAGE
SIGN

R7	JAN 18	NDOR BORDER TO NDOT BORDER
R6	JUN 14	2009 MUTCD UPDATE
R5	OCT 98	REVISE CHANNELIZATION DEVICES, TAPER
REV. NO.	DATE	DESCRIPTION OF REVISION

NEBRASKA DEPARTMENT OF TRANSPORTATION
STANDARD PLAN NO. 920-R7
TRAFFIC CONTROL,
CONSTRUCTION AND
MAINTENANCE

ACCEPTED BY FHWA FOR USE ON THE
NATIONAL HIGHWAY SYSTEM:

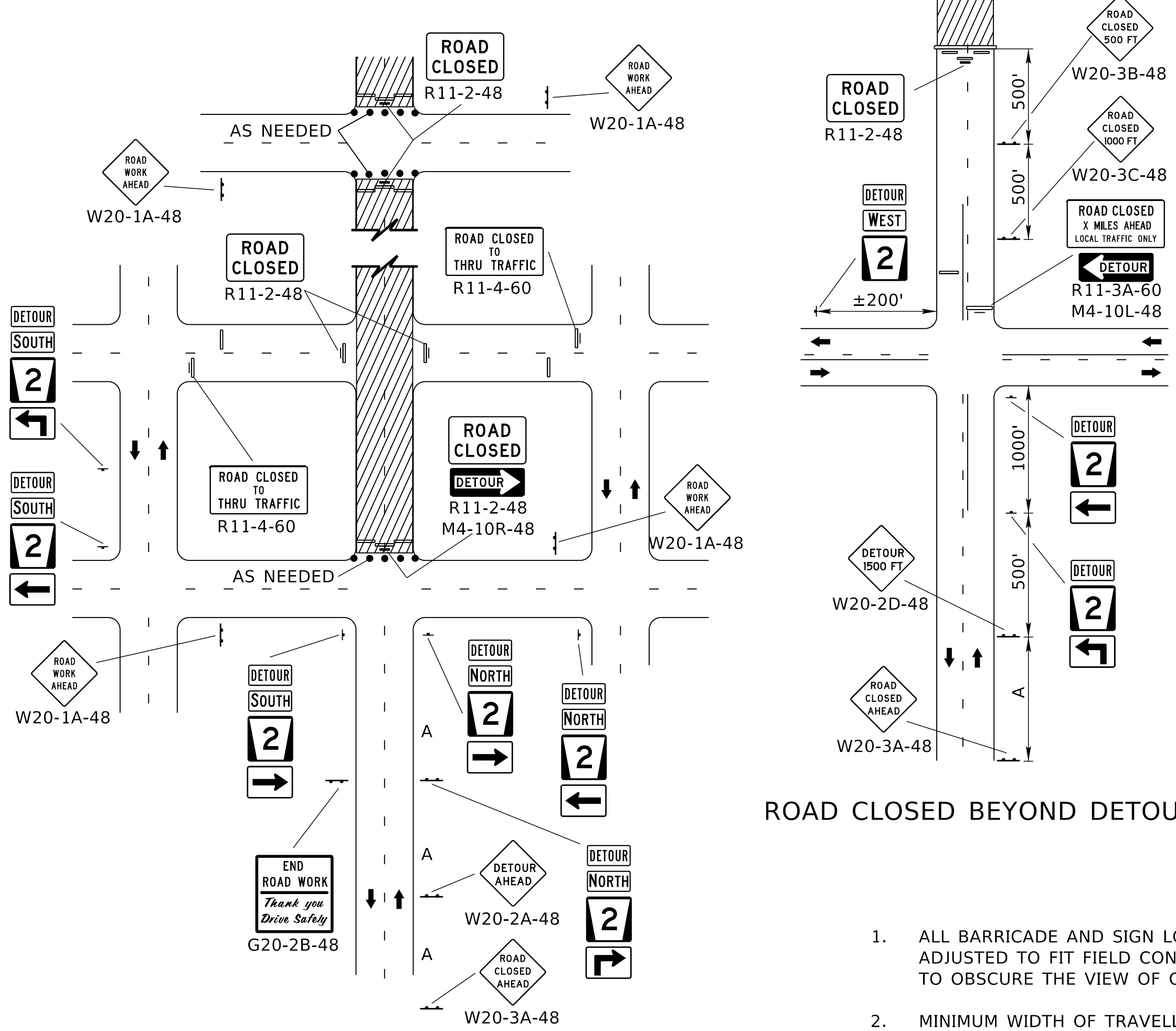
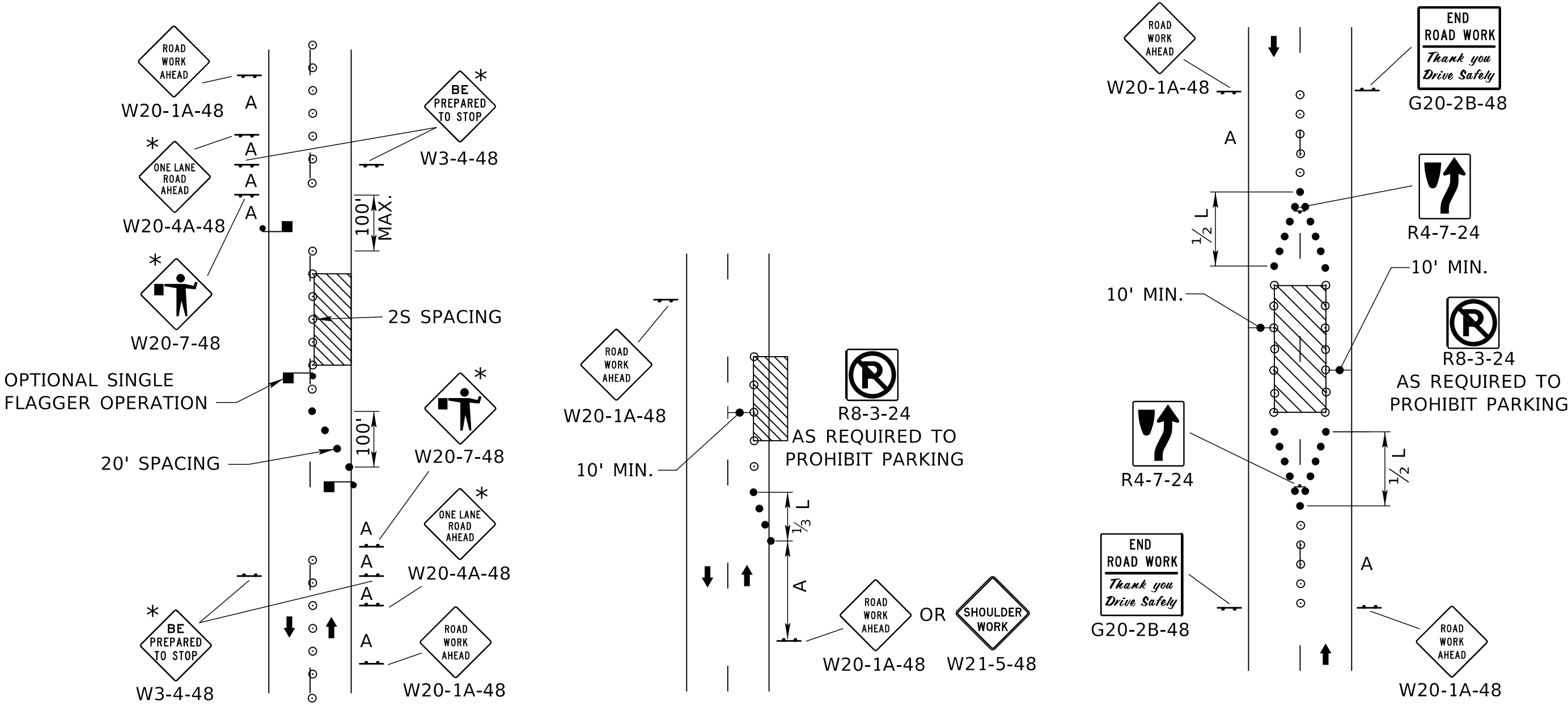


DATE

ORIGINAL:
OCTOBER 1998
DATE

3

3



- LEGEND**
- FLASHING ARROW PANEL
 - TYPE III BARRICADE
 - REFLECTORIZED PLASTIC DRUM
 - TUBULAR POST
 - REFLECTORIZED PLASTIC DRUM OR 42" CONE
 - SINGLE POSTED SIGN
 - DOUBLE POSTED SIGN
 - FLAGGER
 - XXXX PAVEMENT MARKING REMOVAL

TAPER FORMULA

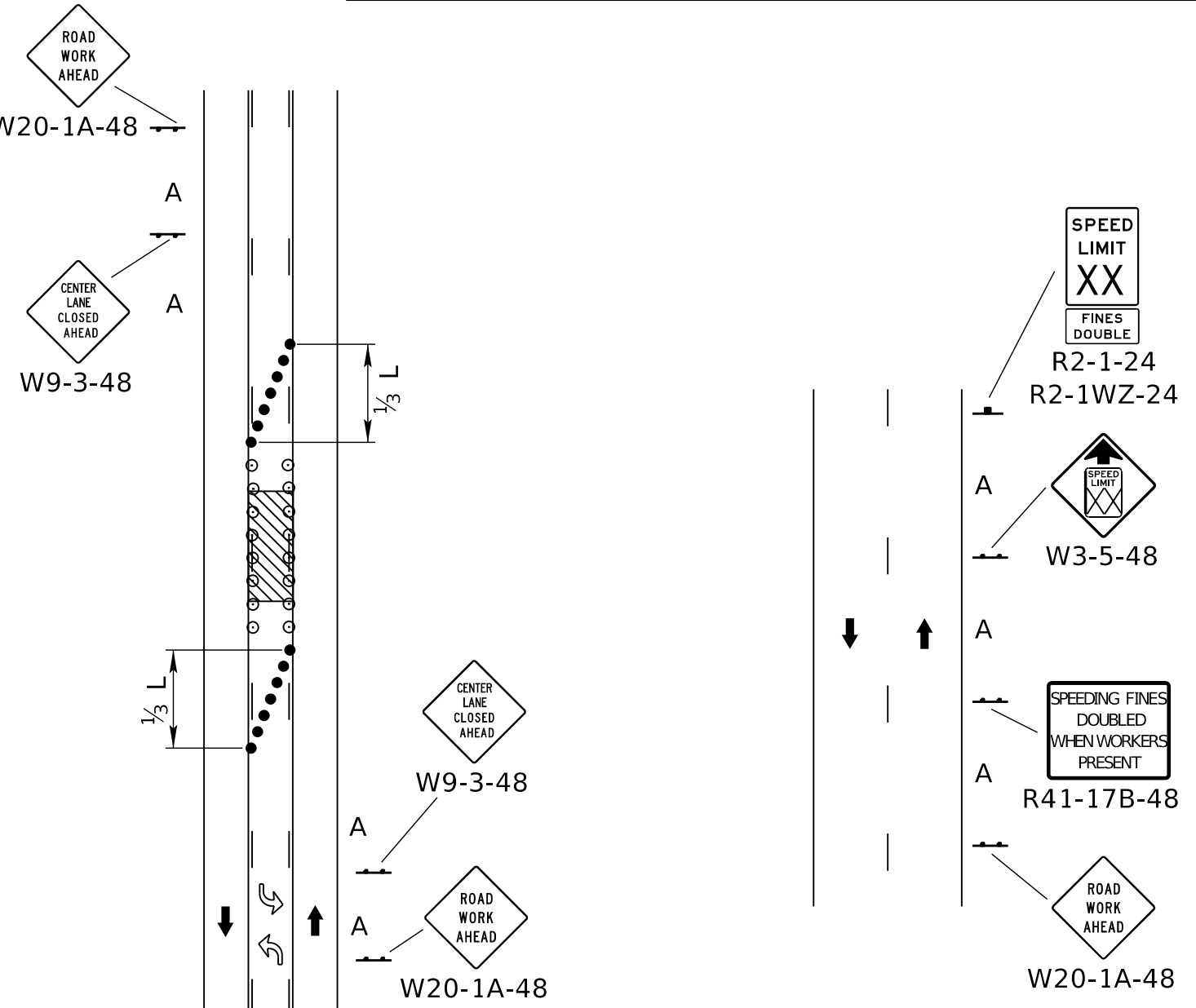
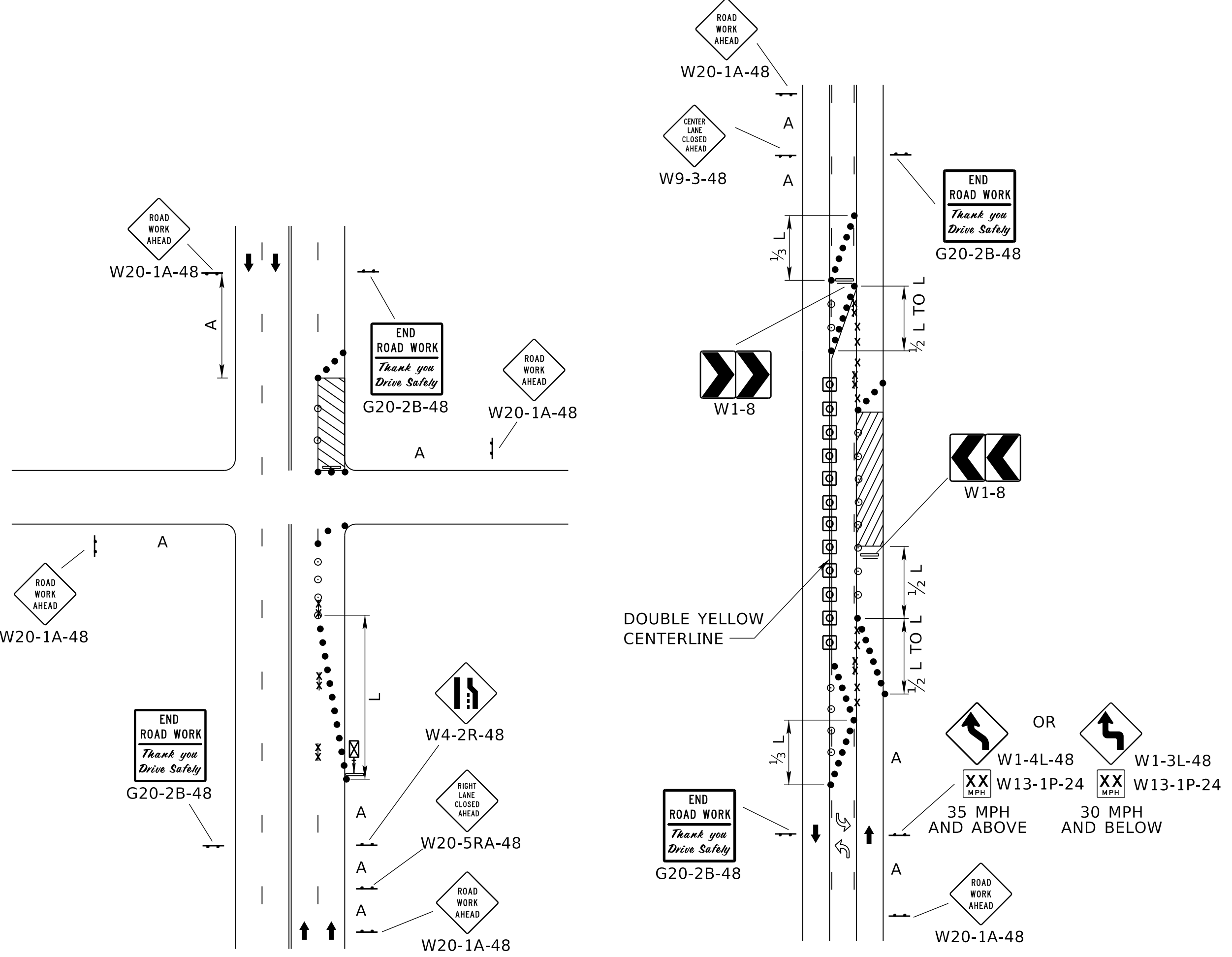
$L = S \times W$ FOR SPEEDS OF 45 MPH OR MORE.

$L = \frac{WS^2}{60}$ FOR SPEEDS OF 40 MPH OR LESS.

WHERE:
L = MINIMUM LENGTH OF TAPER.
S = NUMERICAL VALUE OF POSTED SPEED LIMIT PRIOR TO WORK.
W = WIDTH OF OFFSET (LANE WIDTH).

- NOTES**
- ALL BARRICADE AND SIGN LOCATIONS ON THIS PLAN ARE APPROXIMATE, AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS. THE SIGNS SHALL BE INSTALLED SO AS NOT TO OBSCURE THE VIEW OF OTHER TRAFFIC CONTROL DEVICES.
 - MINIMUM WIDTH OF TRAVELLED LANE SHALL BE AS REQUIRED BY THE ENGINEER.
 - FLASHING ARROW PANEL REQUIRED ON ALL ROADWAYS WITH POSTED SPEED LIMIT 45 MPH OR HIGHER. THE USE OF A FLASHING ARROW PANEL IS OPTIONAL ON ROADWAYS WITH A POSTED SPEED OF 40 MPH OR LOWER.
 - LONG-TERM FLASHING ARROW PANELS IN URBAN RESIDENTIAL AREAS WHERE DIESEL ENGINE NOISE WILL BE DISRUPTIVE TO RESIDENTS, MAY BE REQUIRED TO OPERATE BY 120 VAC, OR IF SIGHT DISTANCE ALLOWS, A SOLAR POWERED ARROW PANEL MAY BE USED.
 - FOR SHORT-TERM WORK (LESS THAN 24 HOURS) SIGN G20-2B-48 (END ROAD WORK, THANK YOU, DRIVE SAFELY) MAY BE OMITTED.
 - THE MAXIMUM SPACING BETWEEN CHANNELIZING DEVICES IN A TAPER SHOULD BE APPROXIMATELY EQUAL IN FEET TO THE SPEED LIMIT (S). WHERE CHANNELIZING DEVICES ARE USED ALONG THE WORK AREA, THE SPACING MAY BE INCREASED TO THE DISTANCE IN FEET EQUAL TO THE SPEED LIMIT, DOUBLED (2 x S). SEE "TAPER FORMULA" TABLE FOR MORE INFORMATION.
 - FOR LANE CLOSURES OVER 72 HOURS, ALL CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED. ON ASPHALT SURFACES, DURABLE PAVEMENT MARKINGS MAY BE COVERED WITH APPROVED BLACK TEMPORARY PAVEMENT MARKING TAPE.
 - DESIGNATION OF SPEED SHOWN ON ADVISORY SPEED SIGNS W13-1P SHALL BE DETERMINED BY THE ENGINEER IN ACCORDANCE WITH MUTCD. THE SPEED DESIGNATION SHALL BE AS HIGH AS PRACTICAL AND FEASIBLE.

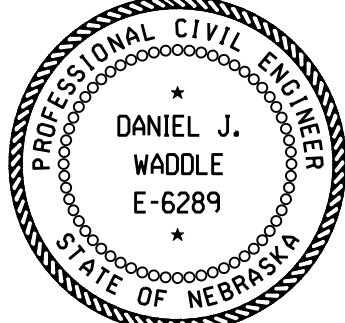
ROAD TYPE	MINIMUM DISTANCE BETWEEN SIGNS
	A
URBAN (LOW SPEED - 25 MPH TO 40 MPH)	100'
URBAN (HIGH SPEED - 45 MPH OR HIGHER)	350'



R4	JUL 20	ADDED NOTE TO SHEET ONE
R3	JAN 19	TOOK OUT 1/2 L ON SHEET 2
R2	JAN 18	NDOR BORDER TO NDOT BORDER
REV. NO.	DATE	DESCRIPTION OF REVISION

NEBRASKA DEPARTMENT OF TRANSPORTATION
STANDARD PLAN NO. 924-R4
URBAN TRAFFIC CONTROL PLAN

ACCEPTED BY FHWA FOR USE ON THE NATIONAL HIGHWAY SYSTEM:



DATE _____

ORIGINAL: FEBRUARY 1, 2010

DATE _____

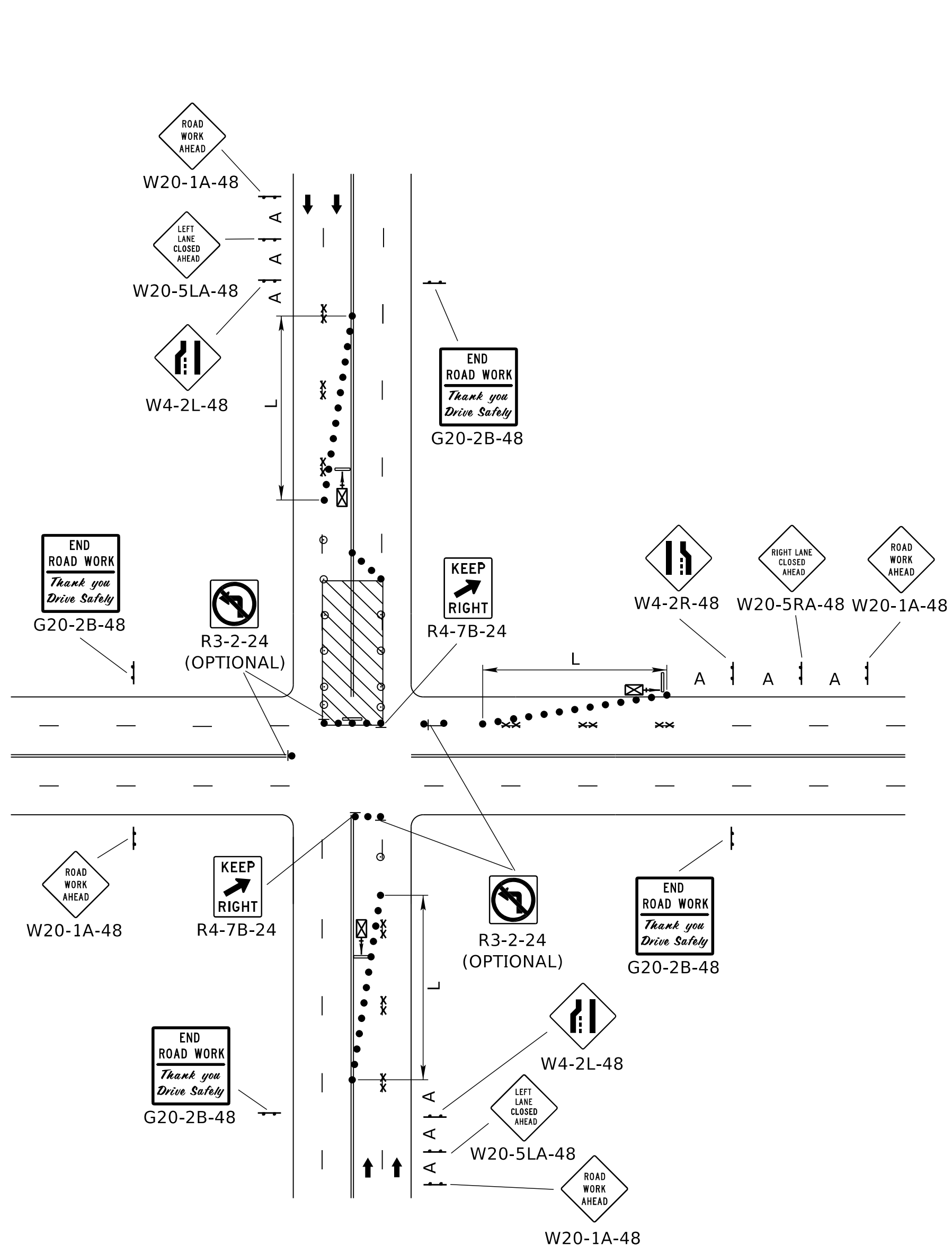
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3

COMPUTER: BG0419M187
DATE: 25-JUN-2024 10:15
FILE: 9240 0 R4.dgn

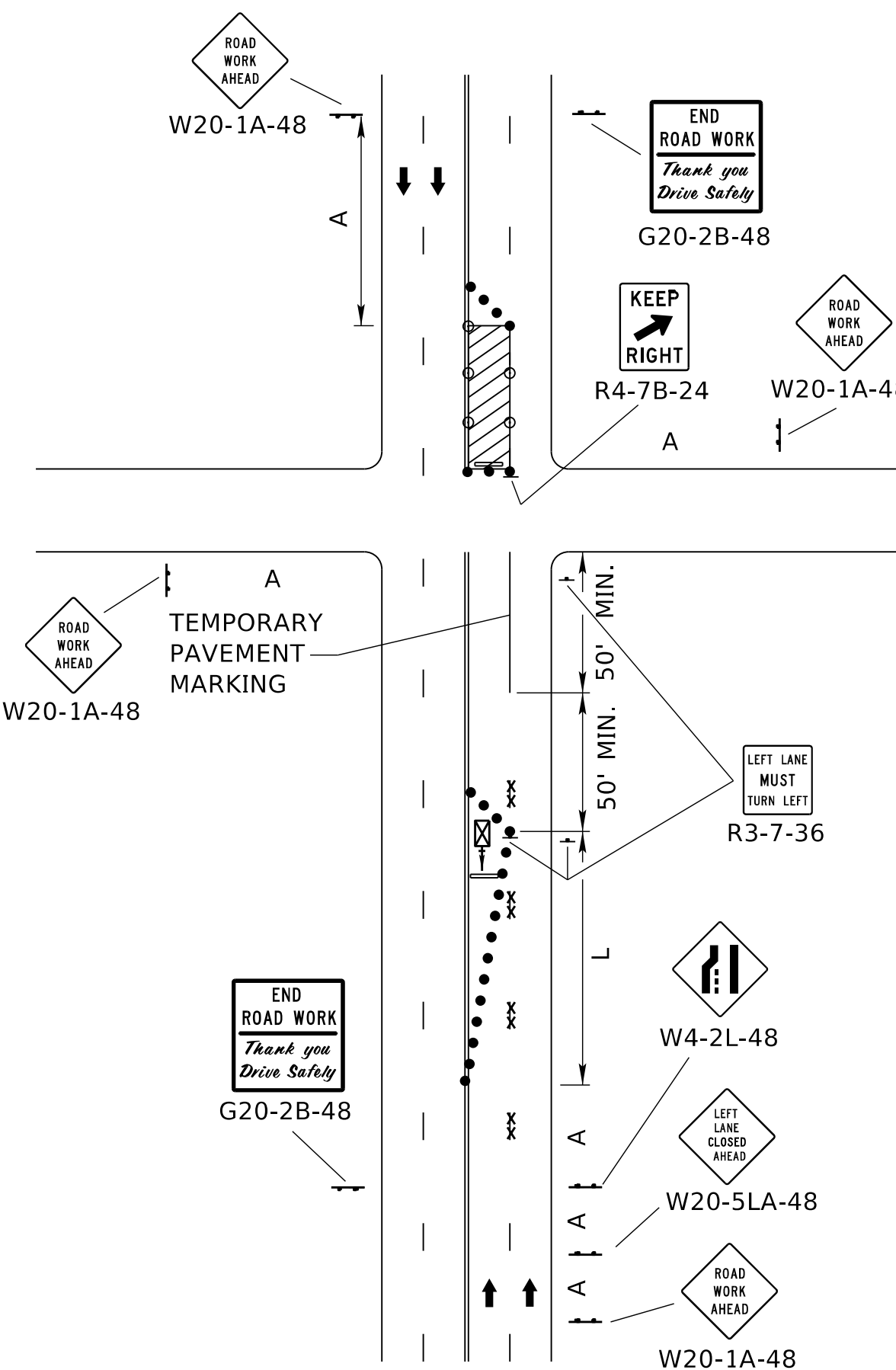
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DATE: 25-JUN-2024 10:15

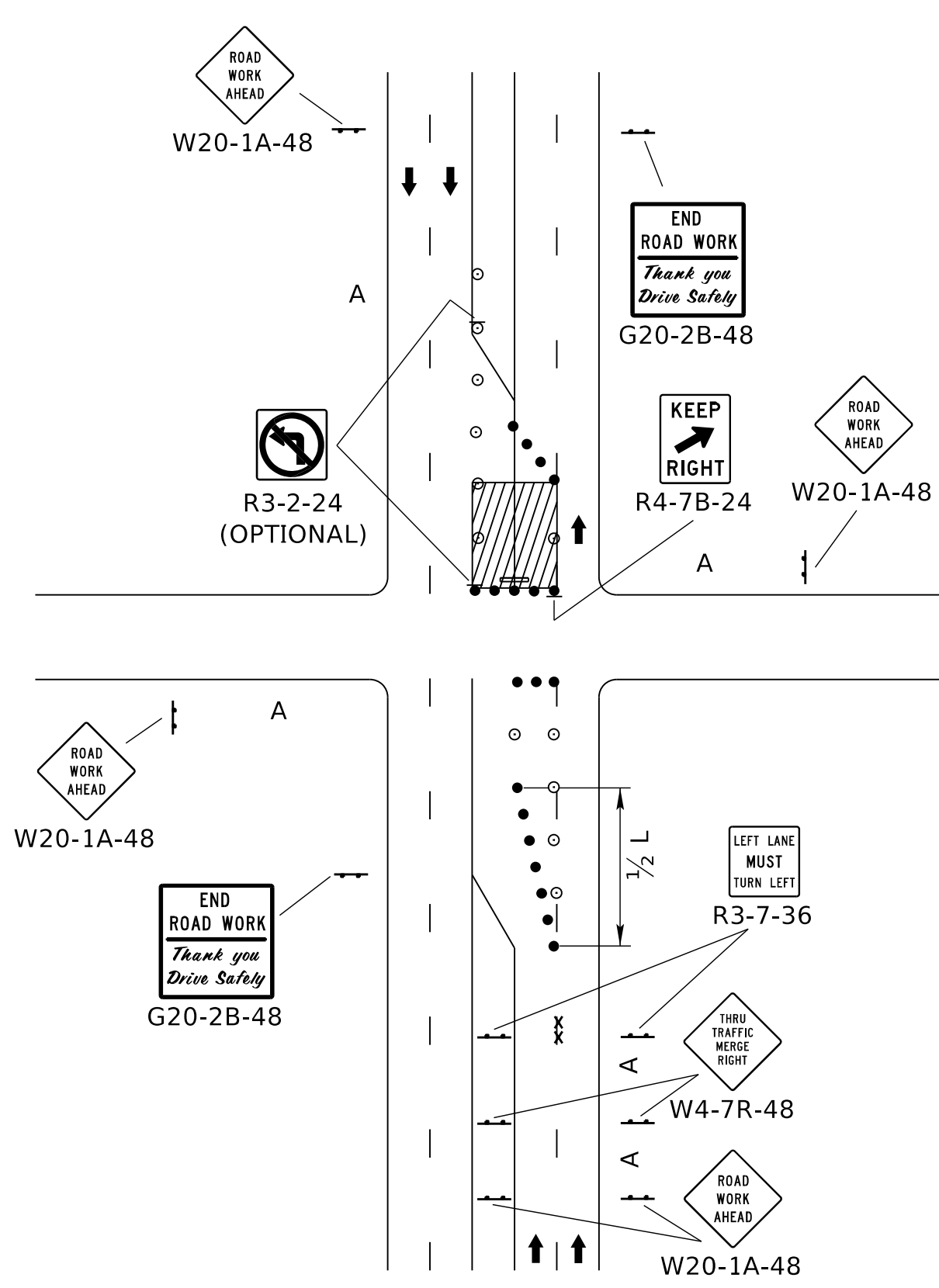
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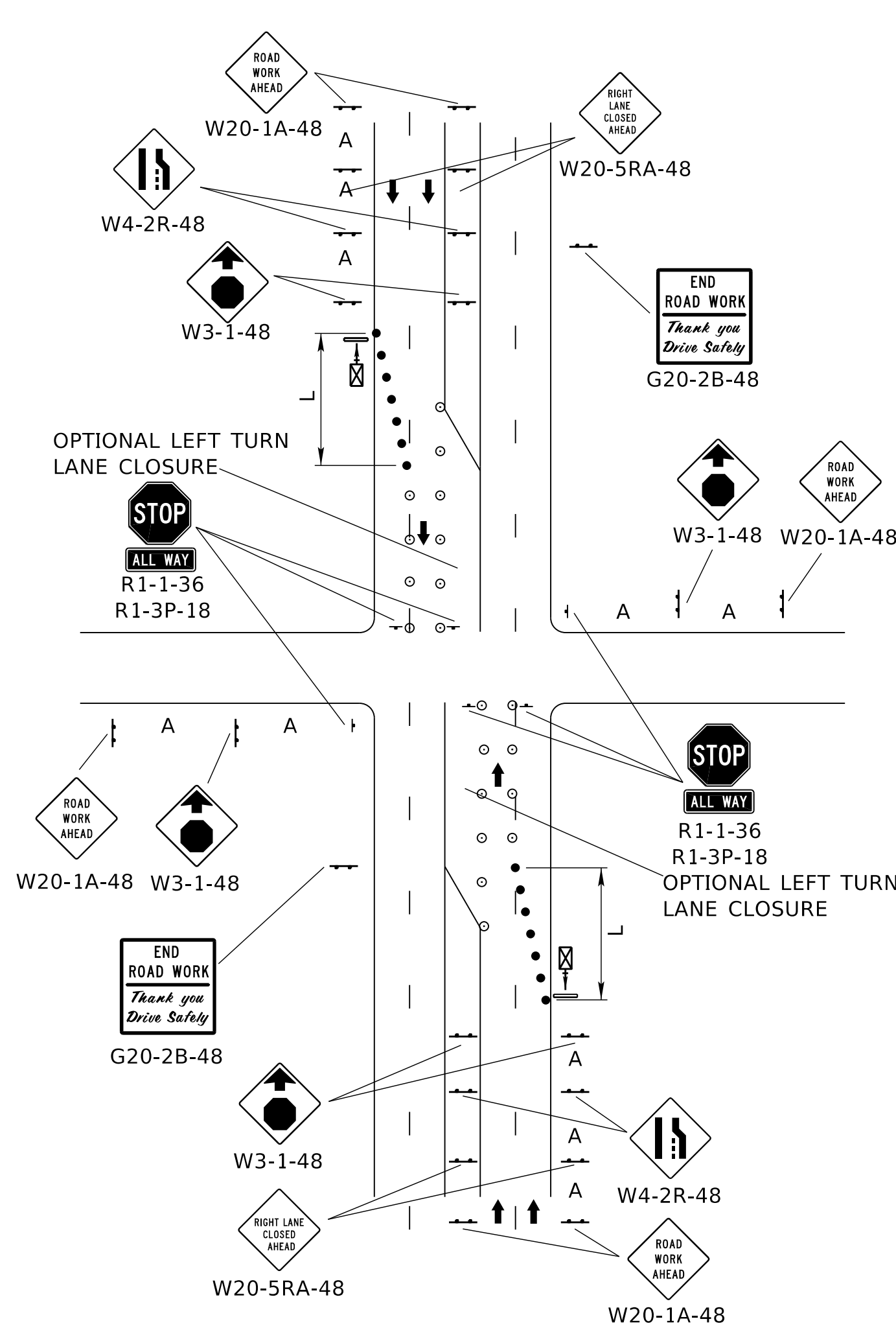
4 LANE UNDIVIDED ROADWAY
CENTER LANES CLOSED
NEAR INTERSECTION



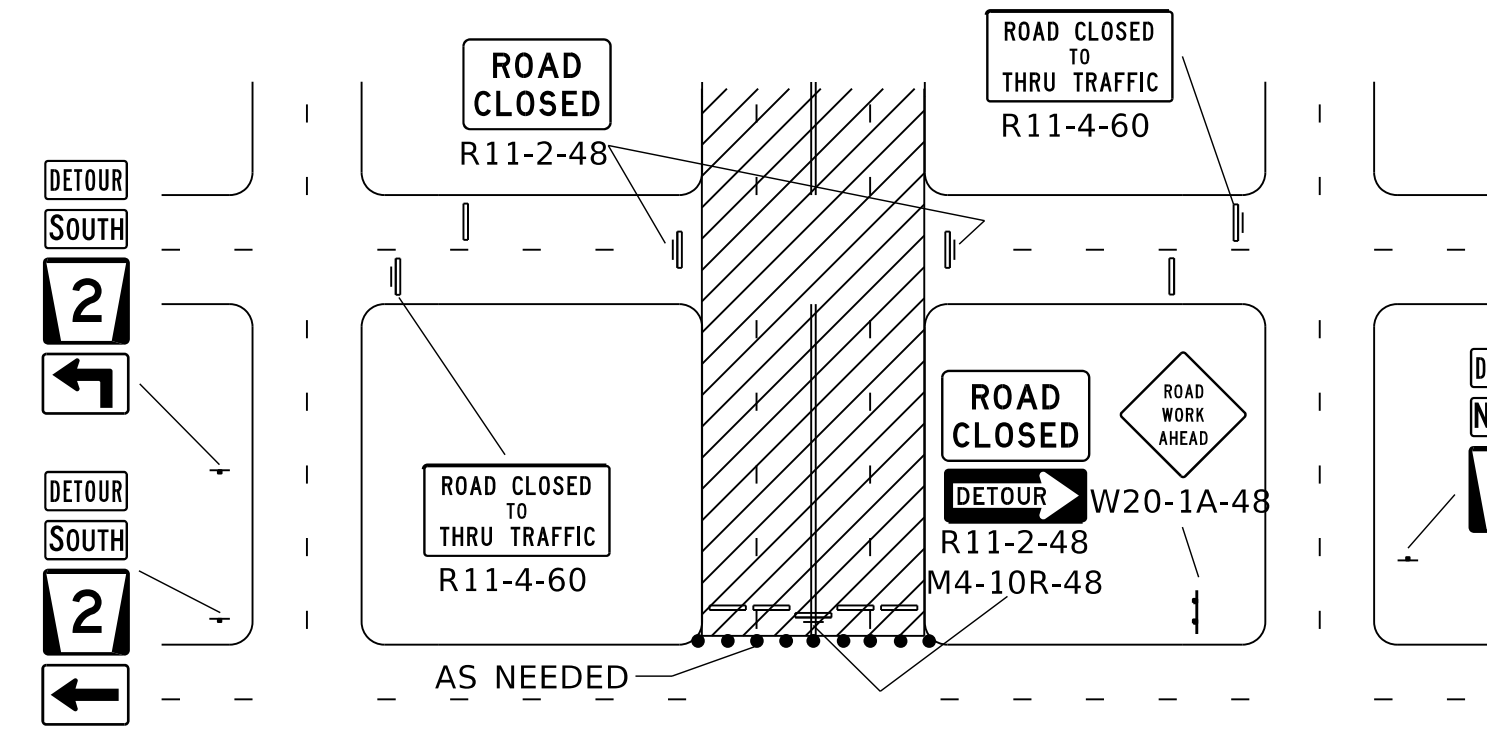
LANE CLOSED NEAR INTERSECTION
(LEFT LANE CLOSURE FORMING A TURNBAY)



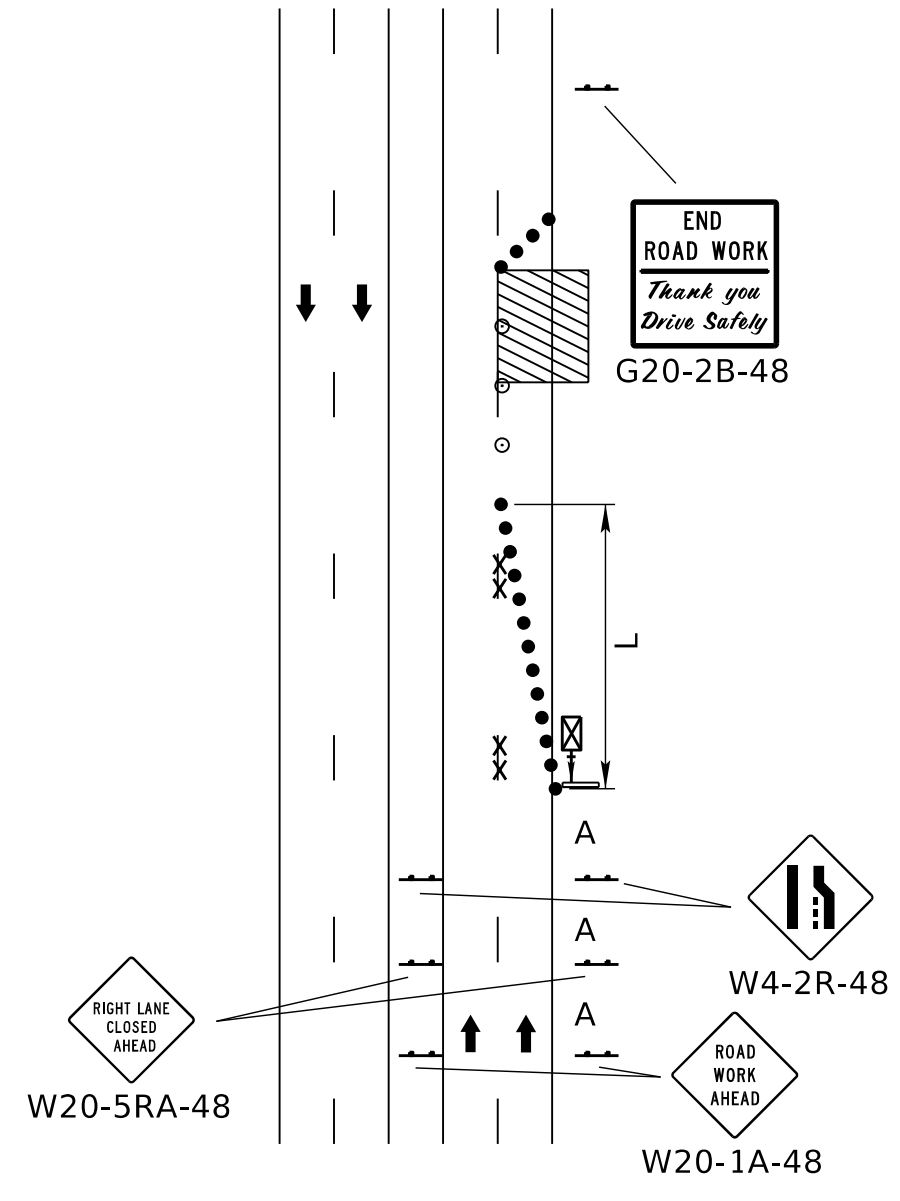
4 LANE DIVIDED ROADWAY
CENTER LANES CLOSED
NEAR INTERSECTION



TEMPORARY ALL-WAY STOP
FOR SIGNAL WORK



ROAD CLOSED AT DETOUR
(OPTIONAL LANE CLOSURE)



DIVIDED ROADWAY
ONE LANE CLOSED

ROAD TYPE	MINIMUM DISTANCE BETWEEN SIGNS	
	A	
URBAN (LOW SPEED - 25 MPH TO 40 MPH)	100'	
URBAN (HIGH SPEED - 45 MPH OR HIGHER)	350'	

- LEGEND
- FLASHING ARROW PANEL
 - TYPE III BARRICADE
 - REFLECTORIZED PLASTIC DRUM
 - TUBULAR POST
 - REFLECTORIZED PLASTIC DRUM OR 42" CONE
 - SINGLE POSTED SIGN
 - DOUBLE POSTED SIGN
 - FLAGGER
 - PAVEMENT MARKING REMOVAL

TAPER FORMULA

$L = S \times W$ FOR SPEEDS OF 45 MPH OR MORE.

$L = \frac{WS^2}{60}$ FOR SPEEDS OF 40 MPH OR LESS.

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NEBRASKA DEPARTMENT OF TRANSPORTATION

STANDARD PLAN NO. 924-R4

URBAN TRAFFIC CONTROL PLAN

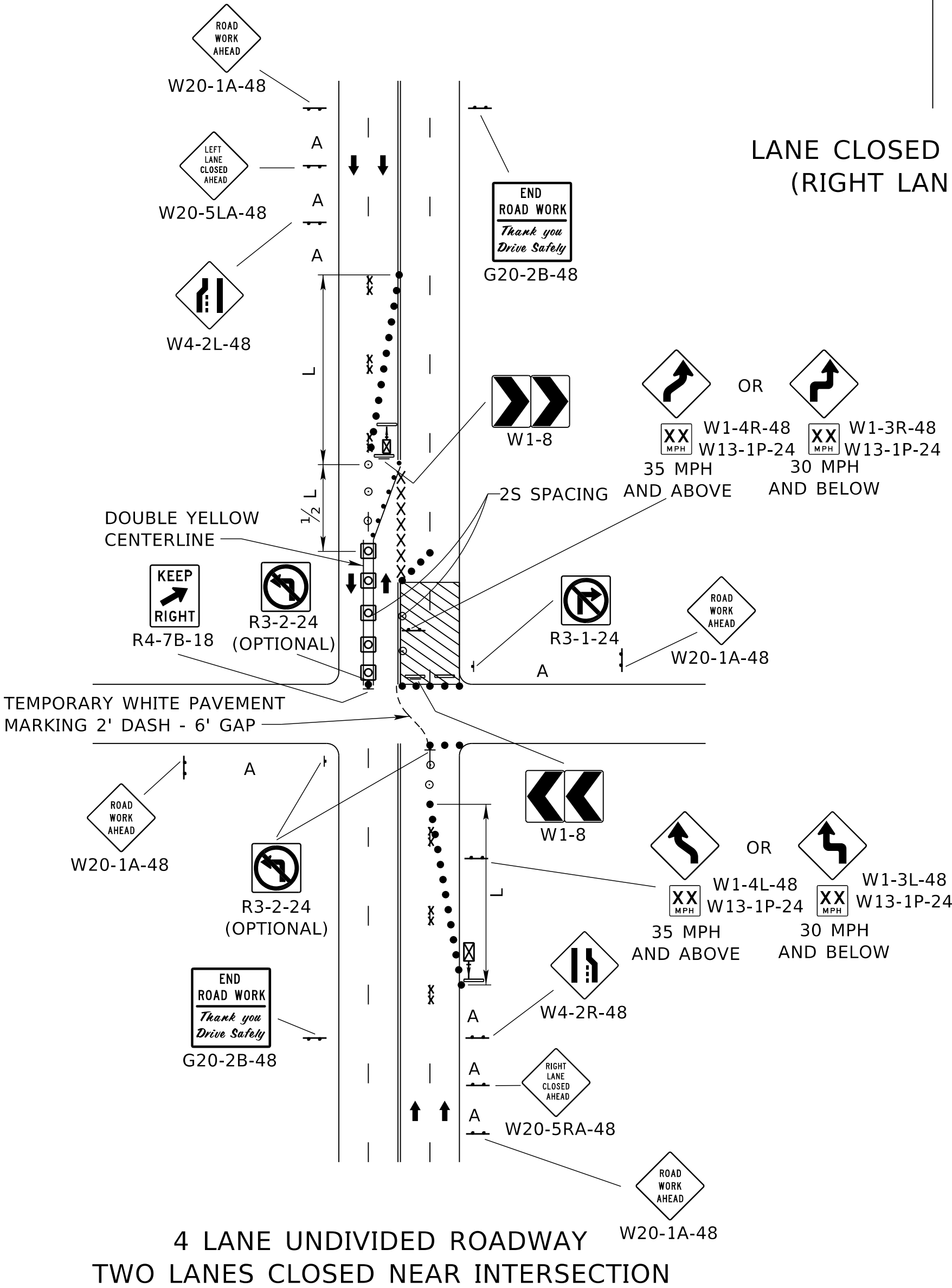
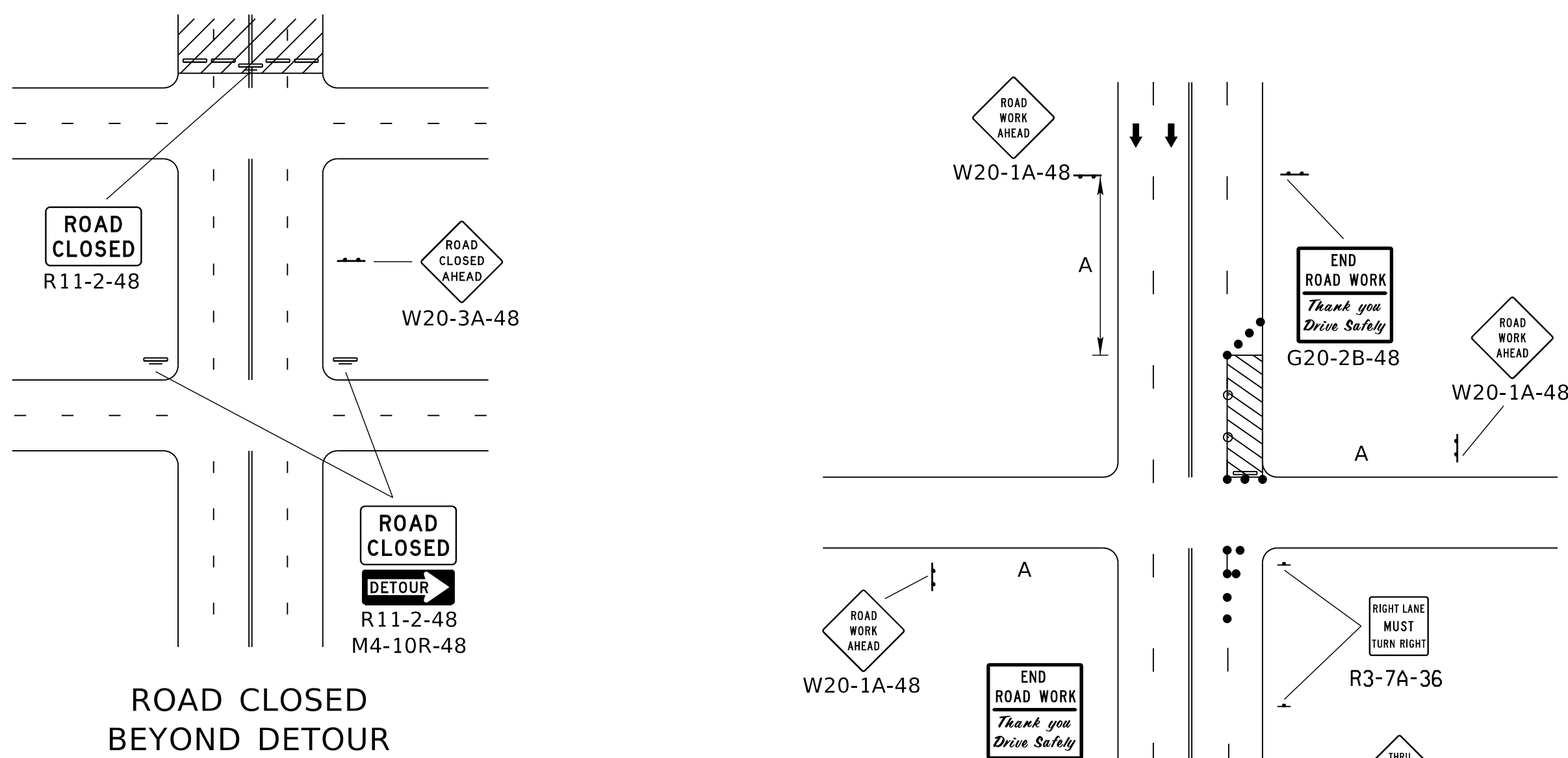
ACCEPTED BY FHWA FOR USE ON THE NATIONAL HIGHWAY SYSTEM:

DANIEL J. WADDLE
E-6289
STATE OF NEBRASKA

DATE

ORIGINAL:
FEBRUARY 1, 2010
DATE

2
3



- LEGEND**
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TAPER FORMULA

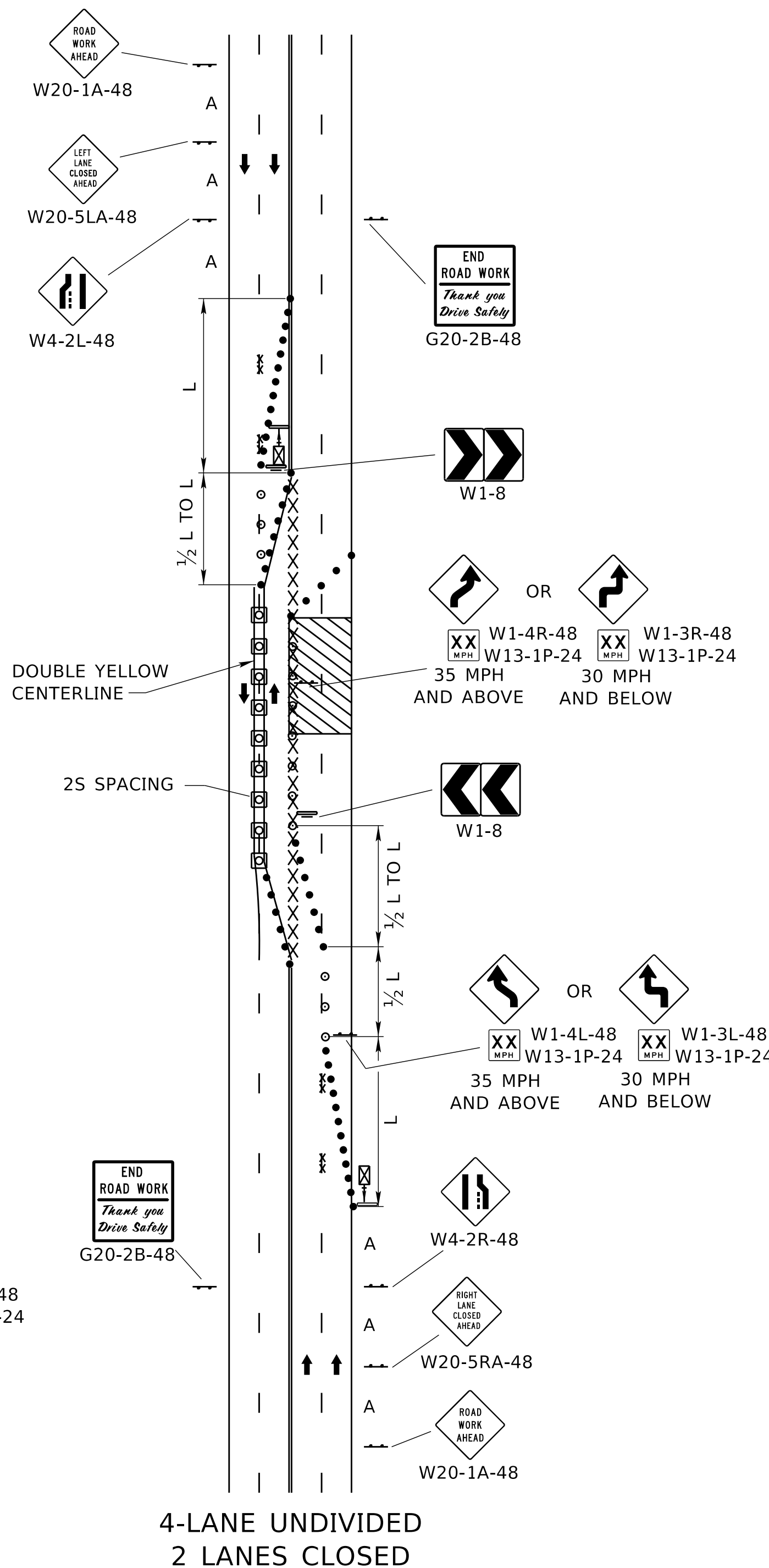
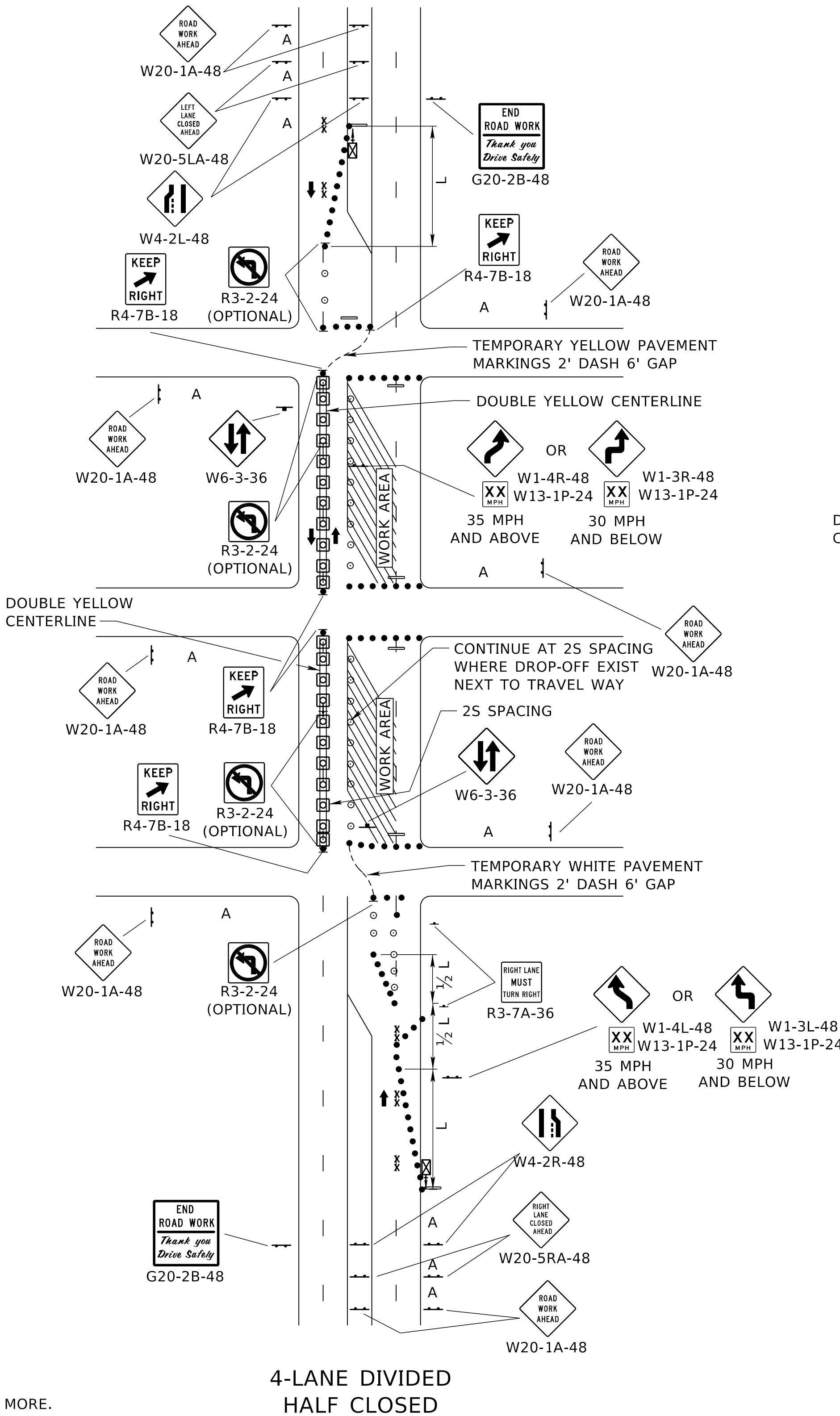
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STANDARD PLAN NO. 924-R4

URBAN TRAFFIC CONTROL PLAN

ACCEPTED BY FHWA FOR USE ON THE NATIONAL HIGHWAY SYSTEM:

DATE: _____

ORIGINAL: FEBRUARY 1, 2010

DATE: _____

3

3

Department: Development Services
Staff Contact: Chad Bunger
Council Meeting Date: 3/24/2025

AGENDA ITEM SUMMARY SHEET

Description of Item:

Bruckman Rubber desires to utilize available Community Development Block Grant (CDBG) funding for a proposed business expansion. To access CDBG funding, the City of Hastings is required to serve as the applicant to the Nebraska Department of Economic Development for Fiscal Year 2024 CDBG grant funding (Economic Development Category) for the Bruckman Rubber expansion project.

CDBG funds can only be awarded to municipalities. The City, the Hastings Economic Development Corporation, Bruckman Rubber, and the Nebraska Department of Economic Development will enter into a Memorandum of Understanding outlining duties, responsibilities, and requirements of the funding being made available to Bruckman Rubber.

A resolution is required to authorize the South Central Economic Development District (SCEDD) to proceed on the City's behalf in the completion of the application.

Names of People/Business affected by this action:

Bruckman Rubber, City of Hastings, Hastings Economic Development Corporation, SCEDD

Why Council action is required:

SCEDD's policy is to have the municipality adopt the resolution for assistance to certify that the governing body is in agreement with SCEDD providing application assistance.

Type of action requested:

Motion

Suggested motion:

Motion to approve Resolution #2025 to request assistance from the South Central Economic Development District to apply for Community Development Block Grant funding for the plant expansion of Bruckman Rubber.

Deadlines associated with action:

Department head comments:

City staff has been working with Bruckman Rubber, staff from the Hastings Economic Development Corporation, SCEDD, and the Nebraska Department of Economic Development to find ways to help with this CDBG Economic Development grant fund.

Chad Bunker, Director of Development Services, will be the City's point of contact for this grant application.

City Administrator comments:

Authorization for the city to assist and support SCEDD in a grant application

RESOLUTION NO. 2025-13

**REQUEST FOR THE SOUTH CENTRAL ECONOMIC DEVELOPMENT DISTRICT,
INC. TO ASSIST WITH A CDBG APPLICATION**

WHEREAS, the City of Hastings (City) is within a member county of the South Central Economic Development District, Inc. (SCEDD); and

WHEREAS, the City would like to apply for Community Development Block Grant (CDBG) – Economic Development funds as described herein for an Economic Development grant. Said grant to assist with working capital and equipment purchases for expansion into a new product line at the Bruckman Rubber site located at 101 S. St. Joseph Avenue, Hastings; and

WHEREAS, the City desires to have grant application assistance for this Community Development Block Grant conducted by SCEDD; and

WHEREAS, SCEDD provides this service for no fee to member counties of the South Central Economic Development District, Inc.

WHEREAS, the City agrees to accept full responsibility for following all grant guidelines and fulfilling all grant requirements and agrees to provide a local point of contact to work with SCEDD in the fulfillment of said services;

NOW THEREFORE, BE IT RESOLVED, that the City of Hastings requests and authorizes SCEDD to provide grant application assistance for this Community Development Block Grant.

PASSED AND APPROVED this _____ day of _____, 2025.

George, J.J. Beckby, Mayor

(SEAL)

ATTEST:

Tyler Ficken, City Clerk

APPROVED TO FORM:

Jesse Oswald, City Attorney