

HASTINGS UTILITY BOARD AGENDA

**Utility Boardroom – North Denver Station
1228 N. Denver Avenue
February 10, 2022
9:00 AM**

ROLL CALL:

PLEDGE OF ALLEGIANCE:

MOTION TO ADOPT CURRENT AGENDA FOR February 10, 2022 REGULAR MEETING.

PUBLIC NOTICE - Official Notice of the Regular Meeting was published in the Hastings Tribune on Tuesday, February 08, 2022. 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 located at the back of the Council Chambers. Also, a current copy of the Nebraska Open Meetings Act is posted on the south wall of the Council Chambers, which is accessible to members of the public.

MANAGER'S COMMUNICATIONS:

BOARD CHAIRMAN'S COMMUNICATIONS:

BOARD MEMBERS' COMMUNICATIONS:

CITIZEN COMMUNICATIONS:

CONSENT AGENDA:

1. All Consent Items.
 - (a) Approval of the minutes of the Hastings Utility Board Meeting of December 9, 2021

REGULAR AGENDA:

2. Unfinished Business of Preceding Meeting.
3. General Business.
 - (a) Finance
 - i. ERP delayed until March 1

- (b) Production
 - i. IRP Update - CCR Rule
 - ii. CCC Wind Turbine Contract Negotiations
- (c) Operations
 - i. Water Code and Boring Crew
 - ii. Transformer Replacement (2301)
 - iii. Supply Chain Issues
 - iv. UNL partnership with PCF
- (d) Administration
 - i. GPS in Vehicles
- (e) Other

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

ADJOURN:

The Hastings Utility Board reserves 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 Hastings Utility Board to take up the items on the agenda in sequential order. However, the Hastings Utilities Board reserves the right to take up matters in a different order to accommodate the schedule of the Utility Board Members, persons having items on the agenda, and the public.

CITY OF HASTINGS, NEBRASKA
MINUTES OF UTILITY BOARD REGULAR MEETING
Thursday, December 9, 2021

Pursuant to due call and notice thereof, a Regular Meeting of the Utility Board of Hastings, Nebraska was conducted in the Hastings Public Library, 314 N. Denver Avenue, on December 9, 2021.

ROLL CALL:

The meeting was called to order at 9:00 a.m. in Regular Session by Bill Hitesman with the following members present: Susan Meeske, Mark Hemje, Butch Eley, Shawn Hartmann, Cory Stutte, Clint Schukei, Kevin Johnson, Dave Ptak, Roger Nash, Robin Ginn, Lori Hartman, Keith Leonhardt, Lee Vrooman, Derek Zeisler, Erik Neilsen, Bob Davis, and Karen Rennick.
Absent: Jeanette Dewalt and Shayne Raitt

PLEDGE OF ALLEGIANCE:

Bill Hitesman led the group in the recital of the Pledge of Allegiance to the United States of America.

MOTION TO ADOPT CURRENT AGENDA FOR December 9, 2021 REGULAR MEETING.

Moved by Meeske and seconded by Hemje to adopt the current agenda for the December 9, 2021 Regular meeting. Roll Call: Ayes: Hitesman, Meeske, Hemje. Nays: None. Absent: Jeanette Dewalt and Shayne Raitt. The motion carried.

PUBLIC NOTICE - Official Notice of the Regular Meeting was published in the Hastings Tribune on Tuesday, December 7, 2021. 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 located at the back of the Hastings Public Library. Also, a current copy of the Nebraska Open Meetings Act is posted on the south wall of the Hastings Public Library, which is accessible to members of the public.

MANAGER'S COMMUNICATIONS:

One thing we didn't get on the agenda and that is just an FYI, there is a slight change to Chief Industries coal arrangements with Hastings Utilities. Derek Zeisler will speak about that change at the City council meeting.

BOARD CHAIRMAN'S COMMUNICATIONS:

It has been a really good year and we look forward to another good year next year. This is the last meeting of this year. Wish everyone a Happy Holiday, Merry Christmas, and Happy New Year.

BOARD MEMBERS' COMMUNICATIONS:

None.

CITIZEN COMMUNICATIONS:

None.

CONSENT AGENDA:

1. All Consent Items.

- (a) Approval of the minutes of the Hastings Utility Board Meeting of November 10, 2021.

Hemje moved, Meeske 2nd. Roll Call: Ayes: Bill Hitesman, Mark Hemje, Susan Meeske. Nays: None. Absent: Jeanette Dewalt and Shayne Raitt.
Approved.

REGULAR AGENDA:

2. Unfinished Business of Preceding Meeting.

3. General Business.

- (a) Finance

- (b) Production

- i. New Aerial Truck Lineman Certifications

This should have been listed in Operations. Four linemen were selected to go through the certification for a new aerial truck. Bob was asked to give some information about how the certification went. Bob discussed what the procedures were to get the certification. There was a written exam and a hands-on test. Renewal of certificates will be held every three years.

- (c) Operations

- (d) Administration

- i. Future meetings to be held at City Hall

Starting in January, all future meetings will be held at the City Hall building.

- (e) Other

- i. 3505 Yost Purchase Update

Phase 1 is complete. Clint says that we are ready to close on the purchase. Lee Vrooman gave updates on building.

- ii. IRP Committee Update

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

ADJOURN:

Moved by Susan Meeske seconded by Mark Hemje there being no further business to adjourn at 9:23 am. Roll Call: Ayes: Bill Hitesman, Mark Hemje, Susan Meeske. Nays: None. Absent: Jeanette Dewalt and Shayne Raitt. Meeting Adjourned.

APPROVED:

Board Secretary



Utility Board Meeting
July 2021



Revision Recommendations to Hastings City Code Sec. 32-602 & Sec. 30-109

- 32-602 Current Language History and Concerns
- 2024 Lead Copper Rule, Where Hastings Stands
- New Main and Lead Service Replacement Plan
- 32-602 Recommendation
- 30-109 Current Language
- 30-109 Recommendation

Current Code Language History and Concerns

- Language stipulates that Hastings Utilities shall maintain water service lines and/or repair any water service leaks or damage on lines sized 1 ½" or less from the public right of way to the property line.
- Shared liability installed as a cost share for residential customers in 2002, extended to commercial customers in 2014 (current full water service replacement costs about \$4,000).
- 7 years of leak reports indicate an average of 41 services requiring some level of replacement annually.
 - About 13 per year customer liable, 28 per year City liable.

Current Code Language History and Concerns

- Current language:
 - does not define “damage” or “maintain”.
 - has led to Customer, Contractor, and City finger pointing.
 - does not fit up to date City priority.



2024 Lead Copper Rule, Where Hastings Stands

- New revision focuses almost entirely on lead.
- Action levels for lower concentrations of lead in water.
- Requires Utilities to provide lead service inventory.
- Requires full lead line replacement, restricts partial line repairs.

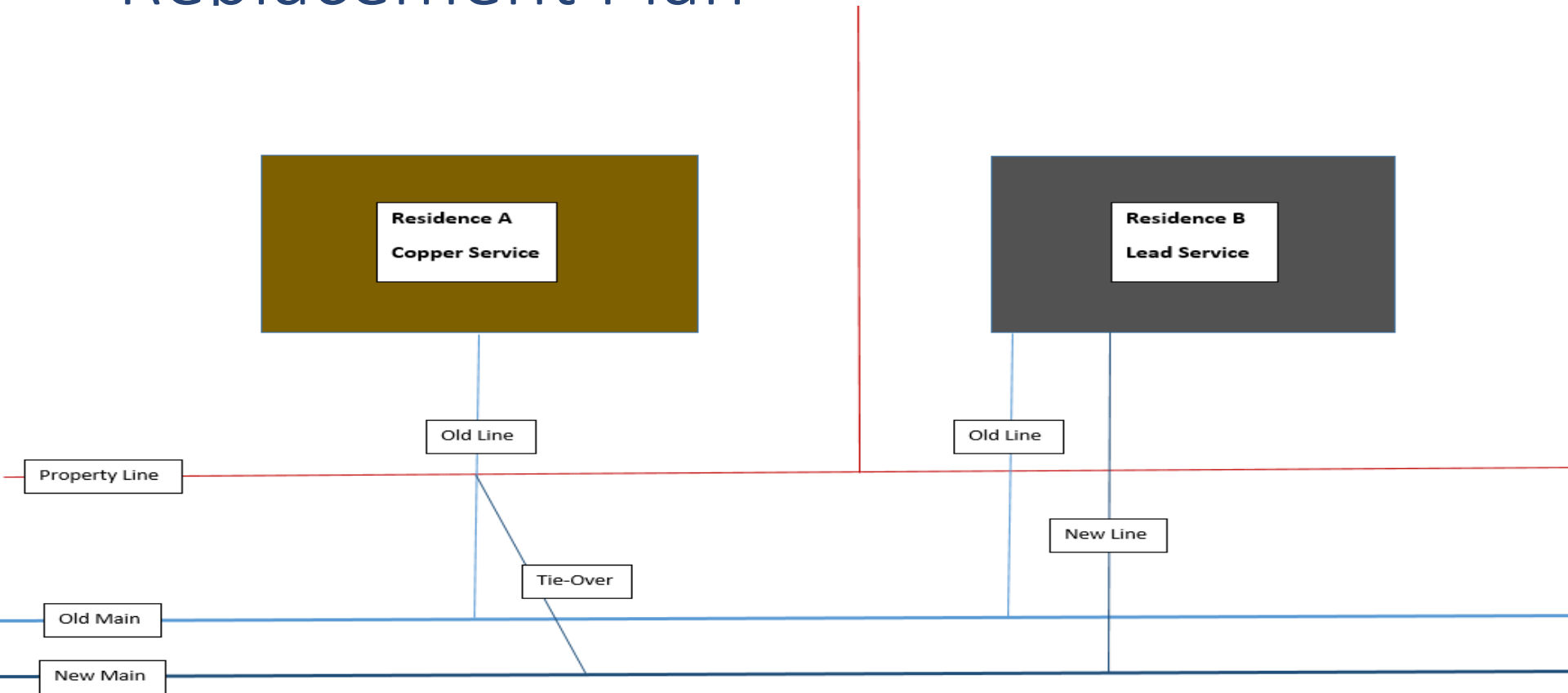
2024 Lead Copper Rule, Where Hastings Stands

Utility	Known Lead Inventory	Lead Service Density	Share Service Liability	Notes
Like Size Utility A	NO	Near Zero	NO	Director has never seen a full lead service
Like Size Utility B	Partial	Medium	YES	Only have lead lines on their portion of liability
Larger Utility A	NO	Very High (Likely)	NO	Scrambling to get inventory
Larger Utility B	YES	High	NO	By policy has been replacing leaking lead services since 2018
Like Size Utility C	Yes	Very High	YES	Only replace their portion of leaking lead service
Like Size Utility D	NO	Very Low	NO	Lead goosenecks only, no lines in system
Like Size Utility E	No	Very Low	NO	Getting inventory but average 1 leaking lead service every 3 years.
Hastings Utilities	YES	Very High	YES	Lead service replacement plan 21/22 fiscal cycle

New Main and Lead Service Replacement Plan

- Water main and lead service replacement plan started this fiscal cycle.
- Goals include complete, City wide removal of lead services in 20 years.
 - This fiscal cycle scheduled to remove 79 lead services.
 - This fiscal cycle also includes 116 water service “tie-overs”

New Main and Lead Service Replacement Plan



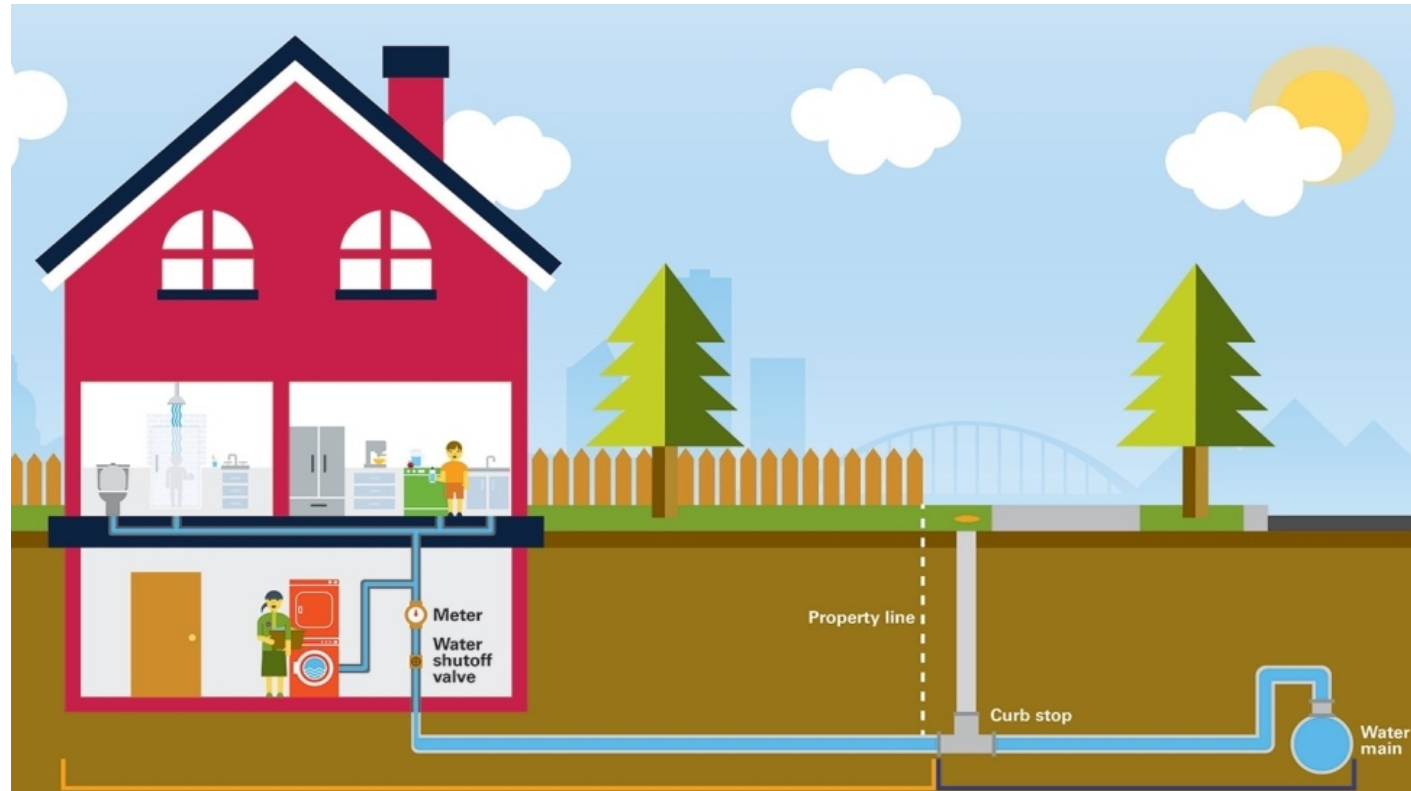
32-602 Recommendation

Codify Full and Partial Lead Service Liability and Remove Shared Service Liability:

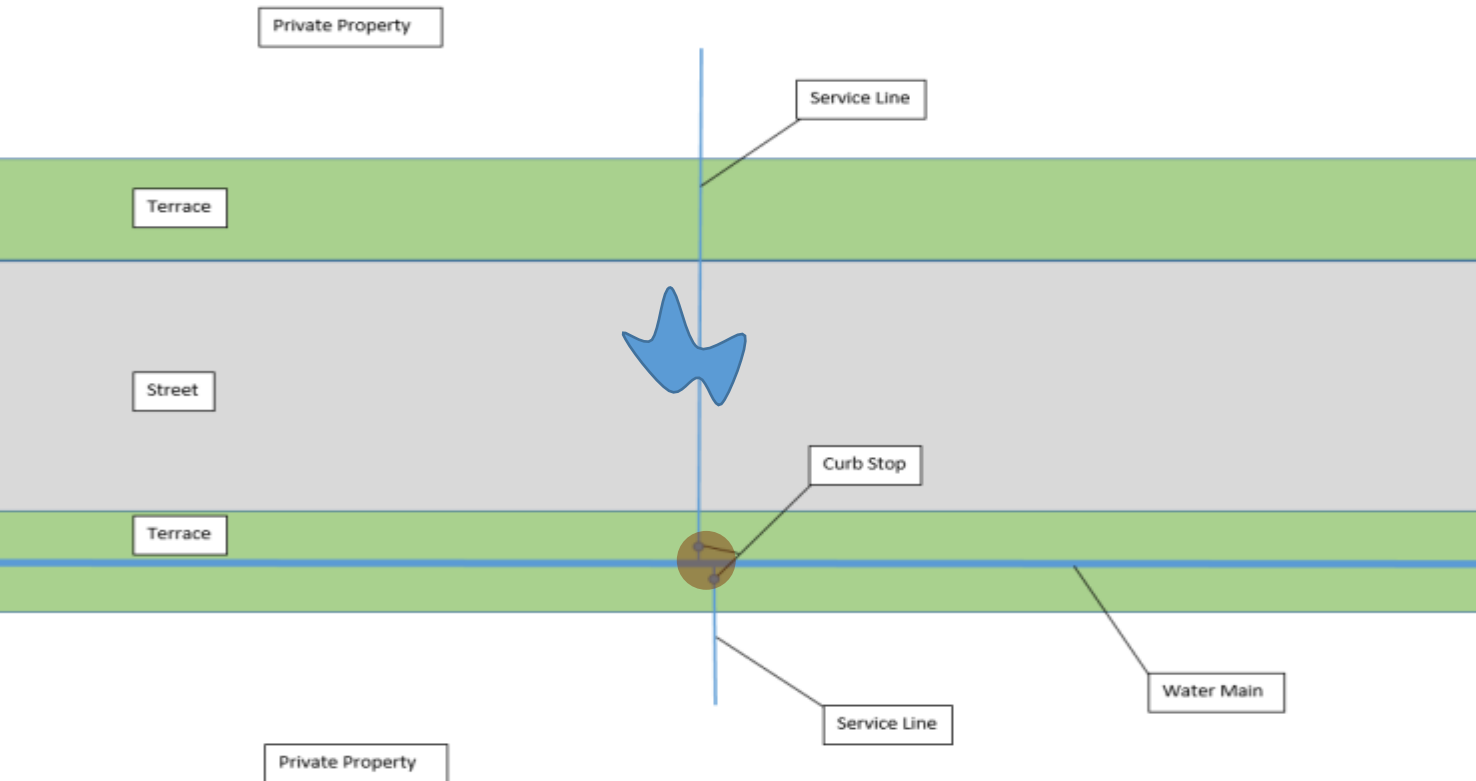
- Main/Lead Service replacement plan benefits more customers (7 to 1).
- Main replacement plan is to replace 1% of main annually, which means roughly 1% of services will be replaced in full or in parcel annually.
- Codifying lead service replacement keeps pressure on the City to adhere to the plan.
- Codifying lead service replacements gives the City the legal authority to address the problem now.

30-109 Current Language (Service curb stop location)

- “Curb Stop shall be placed In the water service at the Property Line.”



30-109 Recommendation



- Curb Stop 18" from main
- Main Locating
- One Excavation
- Service Isolation

Questions?





Utility Board Meeting
July 2021



Hastings Utilities Water Service Installation Crew

Water Main and Lead Service Replacement Plan

- Workload
- Why HU?: Support
- Why HU?: Cost Comparison
- What's the Plan?

Water Main and Lead Service Replacement Plan

Program focuses on 4" mains in high density lead water service neighborhoods.

- Program goal to remove all lead water services in 20 years.
- Average of 80 lead water services per year with about 100 tie-overs.
- Program started 2021-2022 fiscal cycle.
 - Bidders struggled to find service installation support.
 - Bidders said they will not be able to complete work this fiscal cycle.
 - Bidder said they would be able to meet deadline if they just focused on main.

Workload

It's a lot:

- Completion of a full run service varies a lot, 1.5 days per service.
80 full service replacements annually $\approx$ 120 days
- Completion of tie-over service, 1 day per service.
100-120 tie-overs annually $\approx$ 110 days
- 230 days in a 260 day work year: Weather, Equipment, Staffing.
- *20 years full service line work, tie-overs indefinitely.*

Why HU?: Support

Two person crew in full support of water service work generated by Water Main Replacement Program.

- Water Department Construction Crew will provide absence support.
- Water Department Sewer Vacuum Truck will provide pot hole utility support as well as occasional mud removal.
- Engineering Department will provide project development support.

Why HU?:Cost Comparison

Internal Cost Comparison (Full Service Replacement):

- Contracted Water Service Leak Replacement:
 - Oct 2020 to present Average $\approx$ \$4,000 per service
- Water Main Replacement Program 21/22 Cycle:
 - Average among bidders $\approx$ \$6,100 per service
- New HU Water Service Replacement Crew:
 - New Equipment, Two New People, Consumables $\approx$ \$2,600 per service

What's the Plan?

Hire a Crew: Equipment Operator 1 and Master Plumber.

- Buy the Equipment: Boring Machine, Excavator, Trench box, Tools, and Trailer.
- Put them to Work: 2020-2021 Services (49 full runs) + lead services on larger mains. Then 2022-2023 Services and tie-overs.

* Potential federal funding available through NDEE.

Questions??

