Village of Steger
Draft Lead Service Line Replacement Plan

REL Project 22-R0342

April 15, 2025

Robinson ENGINEERING

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Appendices

1.0 Overview

1.1 Introduction

The Lead Service Line Replacement and Notification Act (Act), State of Illinois Public Act 102-0613, went into effect on January 1, 2022. This Act required that every owner or operator of a community water supply (CWS) that has known or suspected lead service lines (LSLs) create a plan to replace each lead and galvanized service line (if connected downstream of lead piping); submit that initial plan to the Illinois Environmental Protection Agency (Agency) by April 15th, 2024; submit by April 15th of each year after 2024 until 2027 an updated lead service line replacement plan to the Agency; and submit by April 15th, 2027 a final lead service line replacement plan to the Agency. The Act also requires that the plan is posted on the community water supply's website.

The Act also requires that the plan is posted on the community water supply's website. This Plan will be updated at least each April as the Village updates its replacement program.

The Village of Steger has prepared an initial Lead Service Line Replacement Plan (Plan) in compliance with the Act and its requirements. The Plan includes the name and identification number of the CWS; an inventory of the total service lines, known and suspected LSLs, and LSLs that have been replaced since 2020; a proposed replacement schedule; a cost analysis with financing options; a prioritization plan; community outreach measures; and workforce development measures.

2.0 Background Information

2.1 Location

The Village of Steger is located in Cook and Will County in northeastern Illinois approximately 33 miles south of downtown Chicago in Cook County, IL. The Village is bounded by South Chicago Heights to the north, Crete to the south, University Park and Park Forest to the west, and Sauk Village to the east. The Village corporate boundaries encompass an area of approximately 3.40 square miles.

2.2 Community Water Supply (CWS)

The Community Water Supply (CWS) is named Steger and is IEPA Water System No. IL0314860. The CWS serves a population of 9,700 and has 2,614 service connections.

A service line is the small diameter pipe that connects the water main to the interior plumbing inside a building. The CWS takes ownership of the service line from the water main to the water shut-off valve or Buffalo Box (b-box)/curb stop while the property owner takes ownership of the service line from the water shut-off valve or Buffalo Box (b-box)/curb stop according to the City's Code of Ordinances, listed in Appendix 1. The b-box/curb stop is typically installed near the property line.

Service lines can be made of the following materials: copper, galvanized iron, lead, cast or ductile iron, or PVC. Since the CWS owns and maintains one portion and the property owner owns and maintains the other portion, there is a possibility that the CWS owned portion and property owner portion may be different materials.

A graphic of a service line is included in Figure 1.

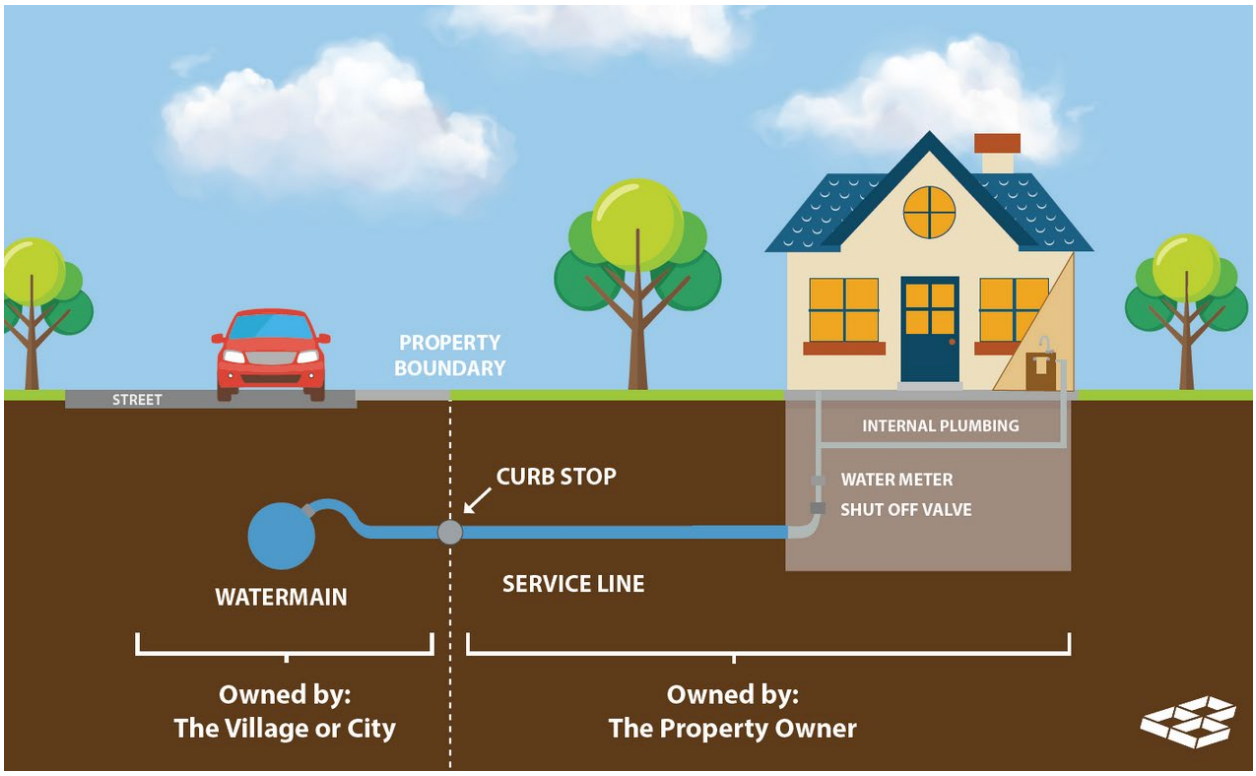

Figure 1. Service Line Graphic

3.0 Lead Service Line Inventory (LSLI)

3.1 Summary

The definitions of water service line materials in the CWS's inventory adheres to the definitions provided by the Illinois EPA. These definitions are outlined in the table below.

Service Line Material
Copper – No Lead Solder (C)
Galvanized Requiring Replacement (GRR)
Lead (L)
Cast/Ductile Iron (O)
Unknown (U)
Unknown Not Lead (UNL)

These efforts include those listed below: reviewing resident surveys, water meter replacement records, a property's building age, completing exploratory excavations at targeted locations, visual inspection of interior service lines, and predictive modeling for properties without known material type.

- **Building Age:** For those buildings constructed after 1986, service lines are assumed to be non-lead on both the public and private sides.
- **Historical Records:** Where available, historical records were used to identify service line material. Historical records could include water meter replacement records, water main replacement records, water main tapping cards, water meter cards, permit records, and documentation from maintenance and repairs.
- **Visual Identification:** The CWS staff recorded service line material when entering private property.

- **Survey Responses:** The CWS distributed a survey in which residents could provide photos of their service line. A sample survey mailer is included in Appendix 6. Trained staff identify the service line material based on the photos and the photo and material are recorded and saved on the CWS GIS.
- **Exploratory Excavations:** Very few records contain information on the public-side service line material. A contractor excavated in the parkway to determine public-side material at select locations.
- **Predictive Modeling:** A machine learning model was used to predict the material of the service line for those addresses that do not have historical records, could not be visually verified, do not have a survey response, and where the contractor has not completed an exploratory excavation.

The current inventory includes:

- The total number of services lines in the CWS for the current year;
- The material composition of each service line in the CWS's distribution system;
- The count of suspected lead service lines identified since the last inventory submission;
- The number of suspected or known lead service lines replaced since the last inventory submission

A copy of the inventory submitted to the Agency that lists the total number of service line connections, total LSLs, and total suspected LSLs is included in Appendix 2.

Service Line Material	# of Services
Lead (L)	831
Unknown (U)	0
Galvanized Requiring Replacement (GRR)	3
Not Lead	1,780

3.2 Previous Replacements

The CWS began replacing lead and galvanized services in the winter of 2025. One hundred and twenty-eight (128) services have been replaced as of April 15, 2025. These replacements are listed on the inventory spreadsheet in Appendix 2.

4.0 Funding Considerations

The funding sources for the Lead Service Line Replacement (LSLR) Program will be considered and evaluated in this section. The CWS plans to use the State Revolving Fund Public Water Supply Loan Program (SRF PWSLP) administered by the Illinois Environmental Protection Agency (IEPA) to fund the LSLR Program. The SRF PWSLP awards funding on an annual basis for LSLR programs. The CWS has pursued funding for the last three years and will continue to pursue funding until replacements are completed.

Based on an inventory of 831 LSLs and a replacement cost of $11,000, the CWS will need $9,141,000 to fund the entire LSLR Program. The CWS will plan to replace the maximum number of LSLs covered by the SRF PWSLP each year.

4.1 SRF PWSLP

The IEPA SRF loan program awards loans according to census tract scoring that considers demographic information that will be discussed in more detail in the Prioritization section.

The CWS has received two forgivable loans totaling nearly $6 million to date. The CWS has also applied for an additional forgivable loan in the amount of $4 million. Should the CWS be awarded the third year of funding, all replacements will be covered through the SRF PWSLP with no additional expense for the CWS or its water users.

The CWS has been awarded $2,755,000 and $3,027,000 in SRF PWSLP funding in Fiscal Year 2024 and Fiscal Year 2025, respectively. This funding is expected to be sufficient to replace 550 LSLs. The CWS has applied for a third year

of funding and would need approximately $3,000,000 to complete the remaining replacements. The table below lists the funding used for the LSLR Program.

The SRF PWSLP funding is awarded based on census tracts and therefore can only be used in certain areas of the CWS. The project area for each forgivable loan is identified in the Prioritization Map in Appendix 3. The Prioritization Map only includes those areas of the CWS that have LSLs; any area not included in the priority groups on the map do not contain lead water service lines.

Funding Year	Amount	Construction Timeline	Expected LSL Replacements	Project Area
FY2024	$2,755,000	January 2025-July 2025	250	Priority Group 1 – Appendix 3
FY2025	$3,027,000	October 2025-July 2026	300	Priority Group 2 – Appendix 3
FY2026	$3, 091,000*	March 2026-January 2027	281	Priority Group 3 – Appendix 3

*FY2026 funding has not been announced at the time of publication of this Plan. The amount listed in the table is based on what the CWS needs to replace the remaining LSLs and not what has been awarded.

5.0 Prioritization

The CWS has a limit of replacements that it can achieve each year. There are only so many contractors available to do replacements each year, and there is a lack of contractors to focus on such a large scale project in a single year. There is also a significant amount of logistics involved in coordinating with property owners to obtain permission to enter a property to complete the replacement, and the work required to gain permission to all properties on a street takes a significant amount of time. The CWS is also committed to completing the replacements without taking funds from the water and sewer fund, raising water rates, or requiring property owners to pay a portion of the replacement cost. As a result, it must adopt a prioritization framework for choosing which neighborhoods will be included in each year's replacement project.

5.1 SRF PWSLP

The SRF PWSLP funding is awarded to the highest scoring applicants until funding is exhausted that year. The forgivable loan for each year must be used for LSL replacements within the census tracts that are submitted on each annual application. Each application is scored according to demographic data of each tract, and the highest scoring applications are awarded funding. Therefore, in order to maximize the amount of funding the CWS receives, the project areas are prioritized according to the SRF PWSLP scoring system.

The CWS will also prioritize replacements in high-risk facilities such as daycares, schools, parks, hospitals, and nursing homes within each project area.

The scoring system developed by the IEPA for the SRF PWSLP is included in Appendix 4.

5.2 Emergency Work-related Lead Service Line Replacement (EW-LSLR)

LSLR instances arising from emergency repairs often require an on-call contractor to complete the work of drilling a service line into a private building. The IL LSLR&N Act states that the CWS must provide the option of replacing a property owner's service line if the property owner requests the full replacement. The CWS is not required to fund the full replacement. Funding terms will be discussed at the time of the work.

The CWS shall consider developing an on call contractor pool through a qualifications process that can bid on individual project's emergency work.

6.0 Lead Service Line Replacement (LSLR)

6.1 Scope of LSLR

The work shall consist of the removal and replacement of lead or galvanized iron water services for buildings within the specified service area. New copper service lines shall be installed for full and partial lead service line replacement. Full lead service line replacement shall be defined as connecting from the water main to inside the building. Partial service line replacement shall be defined as connecting from the curb box (B-box or buffalo box) to the water main. No lead piping will be left in the water system. Partial replacements will only occur where the existing service is partially lead or galvanized. Cross-sectional replacement details are included in Appendix 5.

6.2 Replacement Methods

The methods of installing the new service are described below. To minimize impacts to residential property and to reduce restoration, trenchless methods are preferred.

Open cut: Open cut trenching is the typical method used by plumbers, especially for properties slated for demolition and replacement. It involves digging a trench, which can cause significant exterior disruption to property owners. Interior disturbances depend on whether the basement is finished. Despite its disturbance, open cut trenching is often the most cost-effective option, particularly when restoration costs are minimal. This approach is advised based on individual circumstances.

Trenchless: Trenchless installation of water services is being explored to address concerns such as economic impact, landscape disruption, and social inconveniences associated with traditional open cut methods. Advances in trenchless technologies offer a more efficient alternative in certain situations, minimizing surface disruption and restoration time. These methods are socially appealing as they cause less destruction and require less restoration compared to open-cut techniques.

Standard Horizontal Directional Drilling: Standard Horizontal Directional Drilling (HDD) involves using a drill rig on the ground surface to create a tunnel underground. To reach a depth of about 5'6" below the ground surface, the drill rig head must be positioned approximately 30 feet away from the final depth point of the water service. This may require closing the road for safety. While many pipeline and cable contractors employ this method, plumbing contractors often subcontract it out as specialty work.

Pipe pulling: Pipe pulling is the most cost-effective method among trenchless options for installing water services. It involves using the path of the existing pipe, eliminating the need for additional excavation. A new water service pipe is pulled along the existing route, often with a winch or excavator bucket with a cable. The new copper service is connected to the existing lead service in the home, effectively replacing it using the borehole left by the removed lead pipe.

The connection to the water main typically incorporates the use of a tapping sleeve and is done by a licensed plumber. The licensed plumber also connects the new service line to the existing water meter inside the house according to the State of Illinois plumbing code.

Prior to beginning the work of connecting the new service inside the house, the water supply to the service line and the property owner shall be shut off to avoid release of particulate lead into the property owner's premises. After all connections have been completed, the Contractor shall flush the water from an outside connection (such as a hose bibb or hose leading from the building side of the meter) to remove any particles in the service line. Flush at full velocity for at least 30 minutes. The Contractor shall then advise the property owner to flush the interior premise plumbing in accordance with the instructions provided in the Owner-provided informational material. This work shall be conducted in accordance with AWWA C810-17 – Replacement and Flushing of Lead Service Lines.

Prior to completion of the work, the Contractor shall provide each address that received a new service line with a Point of Use water filter that meets both NSF/ANSI 42 and 53 certifications for lead reduction with a minimum capacity of 0.5 gallons and

six months of replacement cartridges or a minimum of 150 gallons of filtration capacity. The filter shall not be a permanent faucet filter. The Contractor shall have the resident provide a signature to acknowledge receipt of the filter on a form provided by the CWS. The form shall be turned in with other documentation.

Three to six months following the replacement, the property owner will have the option to request a water sample from their tap to test lead levels. The contractor will coordinate delivery of the sample bottle and instructions, pick-up of the sample bottle, delivery to the laboratory, testing of the sample, and distribution of the results.

The CWS will use these standards when performing lead service line replacement:

Item	Condition
1. Restoration of Interior and Exterior	Meet existing condition or better
2. Parkway/Yard Restoration	Seed in Summer
3. Field Locate B-boxes	Location by Village
4. Trench backfill	CA-6
5. Verify B-box operation at Project Completion – after surface restoration	B-boxes keyed by Village
6. Street Cross Sections	Minimum 6-inch pavement patching
7. Work Hours	Monday to Friday 7 am to 7 pm Saturday 8 am to 7 pm No Work Sunday or Holidays, except Contractor my Schedule meeting/inspection at buildings on Sunday.
8. Meter Pits	Village will be consulted prior to relocating meter to building interior and abandoning the meter pit. Contingency Pay Item for this work included in contract.
9. B-box	Mueller H-10302, Minneapolis Pattern or approved equal
10. Curb stop	Mueller Ball Style: H15150 or approved equal
11. Corp Stop	McDonald 74701BQ
12. Saddle for corp stop	Smith Blair 261 Full Circle Repair Clamp
13. Abandon existing Lead Service Line	Close corp stop; remove lead service from main; remove corp and reuse direct tap by placing tapping sleeve and peen end of lead service. Use abandoned corporation fitting for winter time.

6.3 Completed LSLR

The CWS has completed one hundred and twenty-eight (128) replacements as of April 15, 2025. These replacements are listed in the inventory spreadsheet in Appendix 2.

7.0 Workforce Development

In performing projects associated with the Lead Service Line Replacement initiative, the CWS plans to develop the workforce available to perform these projects. These developmental practices include:

Smaller bids: The CWS will break the required replacements into smaller projects within the CWS, so that the bids will be smaller and more attainable for smaller firms.

College engagement: The CWS will engage with local colleges and institutions to train new individuals entering the workforce.

Hiring local: The CWS will include a clause within the scope of work for interior work and inspections to be conducted by local contractors who have an understanding of the community.

Experience contractor teaching: An experienced contractor teaches a smaller contractor how to perform the work.

Diversity in hiring practices are another aspect to workforce development and would include contacting all local MBE and WBE contractor associations during bidding.

The Contractor shall also take the following specific affirmative action to ensure equal employment opportunity:

- Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the Contractor's employees are assigned to work. The Contractor, where possible, will assign two or more women to each construction project. The Contractor shall specifically ensure that all foremen, superintendents, and other on-site supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.
- Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.
- Maintain a current file of the names, addresses and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a union, a recruitment source or community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the Contractor by the union or, if referred, not employed by the Contractor, this shall be documented in the file with the reason; therefore, along with whatever additional actions the Contractor may have taken.
- Provide immediate written notification to the Director when the union or unions with which the Contractor has a collective bargaining agreement has not referred to the Contractor a minority person or woman sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.
- Develop on-the-job training opportunities and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs funded or approved by the Department of Labor.
- Disseminate the Contractor's EEO policy by providing notice of the policy to unions and training programs and requesting their cooperation in assisting the Contractor in meeting its EEO obligations; by including it in any policy manual and collective bargaining agreement; by publicizing it in the company newspaper, annual report, etc.; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.
- Review, at least annually, the company's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignment, layoff, termination, or other employment decisions including specific review of these items with onsite supervisory personnel such as Superintendents, General Foremen, etc., prior to the initiation of construction work at any job site. A written record shall be made and

maintained identifying the time and place of these meetings, persons attending, subject matter discussed, and disposition of the subject matter.

- Disseminate the Contractor's EEO policy externally by including it in any advertising in the news media, specifically including minority and female news media, and providing written notification to and discussing the Contractor's EEO policy with other Contractors and Subcontractors with whom the Contractor does or anticipates doing business.
- Direct its recruitment efforts, both oral and written, to minority, female and community organizations, to schools with minority and female students and to minority and female recruitment and training organizations serving the Contractor's recruitment area and employment needs. Not later than one month prior to the date for the acceptance of applications for apprenticeship or other training by any recruitment source, the Contractor shall send written notification to organizations such as the above, describing the openings, screening procedures, and tests to be used in the selection process.
- Encourage present minority and female employees to recruit other minority persons and women and, where reasonable, provide after school, summer and vacation employment to minority and female youth both on the site and in other areas of a contractor's work force.
- Validate all tests and other selection requirements where there is an obligation to do so under 41 CFR Part 60-3.
- Conduct, at least annually, an inventory and evaluation at least of all minority and female personnel for promotional opportunities and encourage these employees to seek or to prepare for, through appropriate training, etc., such opportunities.
- Ensure that seniority practices, job classifications, work assignments and other personnel practices, do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the EEO policy and the Contractor's obligations under these specifications are being carried out.
- Ensure that all facilities and company activities are non-segregated except that separate or single-user toilet and necessary changing facilities shall be provided to assure privacy between the sexes.
- Document and maintain a record of all solicitations of offers for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.
- Conduct a review, at least annually, of all supervisors' adherence to and performance under the Contractor's EEO policies and affirmative action obligations.

8.0 Resident Communication and Outreach

To ensure effective community engagement, the CWS's outreach program for the Lead Service Line Replacement (LSLR) initiative will employ various communication methods aimed at informing and involving homeowners. Central to the program's success is consistent and informative communication across multiple platforms, including meetings, press releases, door-to-door notifications, and social media channels. By leveraging these diverse communication channels, the program aims to raise widespread awareness about the significance of the LSLR program and the options available for homeowners to participate. Early successes of the program will be shared with the community to foster positive feedback and encourage support for the initiative.

To effectively communicate the goals and requirements of the LSLR program, a comprehensive outreach & communication plan is developed, outlining key messaging, target audiences, and preferred communication methods. Emphasis will be placed on building trust and transparency with homeowners, ensuring they understand the benefits of participating in the program. Notices will be sent to homeowners at least 45 days before the commencement of work, with repeated notifications every two weeks until confirmation of receipt. Special attention will be given to non-English speakers, providing translated notices and instructions for accessing additional resources. As previously mentioned, the Community Outreach and Public Engagement plan will be vast, consistent, and includes:

Stakeholder Identification: The CWS has Identified key stakeholders, including residents, local businesses, community organizations, schools, healthcare providers, and governmental agencies.

Educational Materials: The CWS is developing comprehensive educational materials explaining the importance of lead service line replacement, potential health risks associated with lead exposure, details of the replacement process, and available resources for assistance. The materials currently developed and used for LSLR outreach are added in Appendix 6.

Multi-Channel Communication: The CWS plans to utilize a variety of communication channels to reach different segments of the community, including:

- Printed materials such as program brochures, flyers, door hangers and direct mail distributed to households, businesses, and public spaces.
- Digital platforms including the village website, email newsletters, and community forums.
- Information sessions and workshops held at community centers, schools, and other public venues.
- Door-to-door outreach by trained community volunteers or outreach workers to engage directly with residents.

Social Media Channels: The CWS intends to utilize its social media platforms (Facebook) to engage with residents regarding lead exposure concerns. Posts will include links to informative resources on the CWS's website, as well as videos and webinars explaining lead risks and the CWS's efforts to mitigate them. Social media will also be used to announce upcoming project activities, public outreach events, and success metrics such as the percentage of lead pipes replaced.

Language and Accessibility: The CWS will ensure that all materials and communication efforts are available in multiple languages to accommodate the linguistic diversity of the community. Additionally, make information accessible to individuals with disabilities by providing alternative formats such as large print or audio versions.

Personalized Outreach: The CWS will tailor outreach efforts to specific demographics or neighborhoods within the service area, taking into account factors such as income level, age, cultural background, and housing status. Engage community leaders and influencers to help disseminate information and encourage participation.

Community Workshops and Events: The CWS has plans to organize community workshops, town hall meetings, and informational events where residents can learn more about the lead service line replacement program, ask questions, and provide feedback. Offer opportunities for hands-on demonstrations or tours of the replacement process and an avenue for public comment on the LSLR plans.

One-on-One Assistance: The CWS intends to provide personalized assistance and support to residents who may have questions or concerns about the replacement program. Establish a dedicated hotline or helpline staffed by knowledgeable personnel to address inquiries and provide guidance.

Feedback Mechanisms: The CWS plans to implement feedback mechanisms such as surveys, focus groups, or public hearings to gather input from residents throughout the planning and implementation phases of the program. Use this feedback to adjust and improvements as needed.

Collaboration and Partnerships: The CWS plans to collaborate with local organizations, community groups, schools, healthcare providers, and government agencies to amplify outreach efforts and leverage existing networks and resources.

Ongoing Engagement: The CWS will maintain ongoing communication and engagement with the community beyond the initial outreach phase. Provide regular updates on the progress of the replacement program, share success stories, and continue to address any concerns or issues that arise.

Non-Participation/Waivers: Homeowners in the CWS may not always be ready to engage with or communicate regarding the LSLR program. At present, the CWS lacks the authority to mandate homeowner access to private property or demand access for replacing the private side of the LSL. For those who choose not to participate, an Illinois Department of Public Health waiver form will be available. Efforts to communicate will be recorded for unresponsive homeowners. Nevertheless, these households will still receive complimentary point-of-use filters along with six replacement cartridges.

Appendix 1
Code of Ordinances

Sec. 86-2. - Rates.

That there shall be, and there are hereby established charges and rates for the use of, and for the service supplied by the combined waterworks, and sewerage system of the village, Cook and Will Counties, Illinois, based upon the amount of water consumed as shown by the water meters as follows:

(1) *Inside corporate limits of the village:*

a. *Combined water and sewer service.* For all metered users of the village water service, rates will be as follows: $2.42 per 100 cubic feet with a minimum charge of $24.20 per quarter. For all metered users of the village water service connected to the sewer system, sewer rates will be charged based on rates established by Thorn Creek Basin Sanitary District rate tables. Effective July 1, 2010, the rate is $1.38 per 100 cubic feet plus a flat rate per bill handling fee of $1.65.

b. *Water service only.* All water used per quarter at $1.81 per 100 cubic feet. The minimum charge shall be $18.15 per quarter.

c. *Sewer service only.* The charge for sewer service only for residential and small business users being billed and metered from South Chicago Heights for water usage shall be charged a flat rate per quarter in accordance with Thorn Creek Basin Sanitary District Rate Table.

Flat rate established by the village to cover costs due to use of village sewers: $19.90 per quarter, plus rehabilitation charge.

The charge for sewer service only for high volume users being billed and metered from South Chicago Heights for water usage shall be charged a flat rate of $400.00 per quarter.

d. *Sewer rehabilitation charge.*

Residential user: $80.00 per annum.

Commercial and multi-family user (four units or more) with usage under 10,000 cubic feet per quarter of one year: $200.00 per annum.

Commercial and multi-family user in excess of 10,000 cubic feet per quarter of year: $800.00 per annum.

e. *Sewer maintenance fee for Saukview School.* Saukview School shall be charged a flat rate of $250.00 per quarter for sewer maintenance.

(2) *Outside the corporate limits of the village.*

a. *Combined water and sewerage service:* For all water used, at $4.50 per 100 cubic feet. The minimum charge shall be $45.00 per quarter.

b. *Water service only:* For all water used, at $1.90 per 100 cubic feet. The minimum charge

shall be $19.00 per quarter.

c. *Sewer service only:* The charges for sewer service only to residential users shall be $35.00 per quarter. The charges for sewer service only to industrial users shall be by contract.

(Code 1969, § 50.205; Ord. No. 523, § 50.205, 5-20-85; Ord. No. 662, 10-18-93; Ord. No. 739, 4-7-97; Ord. No. 739-1, 3-6-06; Ord. No. 967, 7-21-08; Ord. No. 1001, 6-21-10)

Appendix 2
Complete Lead Service Line Inventory

Illinois Environmental Protection Agency

Lead Service Line Inventory Template

*Please enter information in the empty box next to each section	Water System Name	Steger	System ID Number:	IL0314860	Current Inventory Date:	4/9/2025	
*Please enter totals in the empty box next to each category	Total Service lines: 2614	Total Lead: 831	Total Non-Lead 1780	Total Galvanized Requiring replacement: 3	Total Unknown: 0	Website link to Material Inventory:	gettheleadoutil.com/steger

Service Address	Lead and Copper Sample site number.	Is this a high-risk Facility or Area?	Service Line Newly Identified Since Last Submitted Inventory	Year PWS-Owned Service Line was Installed	Year Customer Side Service Line was Installed	Source of Information Used for Service Line Identification	Gooseneck/ Pigtail	PWS-Owned Service Line Material	Customer Side Service Line Material	Classification for Entire Serivice Line	Was Galvanized Service Line Material ever downstream of Lead?	Date Customer Notified of Lead Service Line	Was a Lead Service Line Previously Replaced at this Location?	Date Lead Service Line Replaced	Material of Service Line Replacement	Has the customer refused access to the property?	Date of customer waiver or IDPH notification, if customer refused access to property
	Lead and Copper Sample site number is the 7 digit number starting with "LP" or " LA". / If address is not a lead and copper sample site mark "N/A"	EXAMPLES: Group Homes, Parks, Playgrounds, Special Care Facilities, Hospitals, Clinics, Child Care Facilities / Yes (Y) or No (N)	Yes (Y) or No (N)	What year was the PWS-Owned service line installed, if known?	What year was the customer side service line installed, if known?	How was the Material of this Service Line Identified? EXAMPLES: Construction Records, Visual Inspections, Survey Response, Maintenance Records, etc...	EXAMPLES: Copper - No Lead Solder (C); Copper - Lead Solder (CLS); Galvanized (G); Lead (L); Cast/Ductile Iron or Transite (O); Plastic - PVC, HDPE, PEX (P); Unknown (U); Unknown Not Lead (UNL)	EXAMPLES: Copper - No Lead Solder (C); Copper - Lead Solder (CLS); Galvanized (G); Galvanized Requiring Replacemnt (GRR); Lead (L); Cast/Ductile Iron or Transite (O); Plastic - PVC, HDPE, PEX (P); Unknown (U); Unknown Not Lead (UNL)	EXAMPLES: Copper - No Lead Solder (C); Copper - Lead Solder (CLS); Galvanized (G); Galvanized Requiring Replacemnt (GRR); Lead (L); Cast/Ductile Iron or Transite (O); Plastic - PVC, HDPE, PEX (P); Unknown (U); Unknown Not Lead (UNL)	EXAMPLES: Lead (L); Galvanized Requiring Replacemnt (GRR); Unknown (U); Non-Lead (NL)	If any galvanized service line material was ever downstream of a Lead section, mark Yes (Y). If the galvanized service line material was never downstream of any Lead section, mark No (N). / If Yes, that section of service line should be marked as Galvanized Requiring Replacement in the appropriate immediately preceding column(s).	Enter date customer was notified of Lead Service Line. / If Service Line is not Lead put N/R	Yes (Y) or No (N)	If previous column was marked (Y), provide date the Lead Service Line was replaced. / Leave blank if previous column was (N).	EXAMPLES: Copper - No Lead Solder (C); Galvanized (G); Plastic - PVC, HDPE, PEX (P); Cast/Ductile Iron or Transite (O) / Leave blank if no Lead Service Line was replaced.	Yes (Y) or No (N)	IF customer refused access to property, date waiver obtained by PWS or date PWS notified IDPH of refusal to sign waiver. / Leave blank if customer has not refused access.
12 W 30TH STREET		N	Y	1948	1948	Statistical Model	U	L	L	L	N	5/15/2024	N				
78 W 37TH STREET		N	Y	1904	1904	Visual Confirmation	U	L	L	L	N	5/15/2024	Y	3/24/2025	C	N	
3418 HALSTED BLVD		N	N	1924	1924	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	3/25/2025	C	N	
3423 HALSTED BLVD		N	Y	1929	1929	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	3/28/2025	C	N	
3508 HALSTED BLVD		N	N	1909	1909	Excavation - Contractor	U	L	L	L	N	5/15/2024	Y	3/26/2025	C	N	
3509 HALSTED BLVD		N	Y	1949	1949	Notified by Customer	U	L	C	L	N	5/15/2024	Y	3/28/2025	C	N	
3514 HALSTED BLVD		N	N	1905	1905	Visual Confirmation	U	L	L	L	N	5/15/2024	Y	3/27/2025	C	N	
3534 HALSTED BLVD		N	N	1914	1914	Excavation - Contractor	U	L	C	L	N	5/15/2024	Y	3/31/2025	C	N	
3540 HALSTED BLVD		N	Y	1929	1929	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	3/25/2025	C	N	
3600 HALSTED BLVD		N	Y	1900	1900	Existing Records	U	L	L	L	N	5/15/2024	Y	3/26/2025	C	N	
3610 HALSTED BLVD		N	Y	1929	1929	Visual Confirmation	U	L	C	L	N	5/15/2024	Y	3/31/2025	C	N	
3624 HALSTED BLVD		N	N	1923	1923	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	3/27/2025	C	N	
3642 HALSTED BLVD		N	Y	1935	1935	Existing Records	U	L	L	L	N	5/15/2024	Y	3/31/2025	C	N	
3700 STELLA BLVD		N	Y	1924	1924	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	3/27/2025	C	N	
3706 STELLA BLVD		N	N	1910	1910	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	4/1/2025	C	N	
3714 STELLA BLVD		N	N	1905	1905	Excavation - Contractor	U	L	C	L	N	5/15/2024	Y	4/1/2025	C	N	
3723 STELLA BLVD		N	N	1914	1914	Excavation - Contractor	U	L	L	L	N	5/15/2024	Y	4/1/2025	C	N	
3727 STELLA BLVD		N	N	1887	1887	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	4/1/2025	C	N	
3730 STELLA BLVD		N	Y	1914	1914	Excavation - Contractor	U	L	L	L	N	5/15/2024	Y	4/3/2025	C	N	
3733 STELLA BLVD		N	N	1894	1894	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	4/4/2025	C	N	
3735 STELLA BLVD		N	N	1939	1939	Indoor Inspection - Contractor	U	L	L	L	Y	5/15/2024	Y	4/7/2025	C	N	
3736 STELLA BLVD		N	Y	1921	1921	Existing Records	U	L	L	L	N	5/15/2024	Y	4/7/2025	C	N	
3739 STELLA BLVD		N	N	1899	1899	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	4/4/2025	C	N	
3744 STELLA BLVD		N	Y	1904	1904	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	4/8/2025	C	N	
3747 STELLA BLVD		N	N	1919	1919	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	4/8/2025	C	N	
3750 STELLA BLVD		N	N	1900	1900	Excavation - Contractor	U	L	L	L	N	5/15/2024	Y	4/4/2025	C	N	
3751 STELLA BLVD		N	N	1929	1929	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	4/3/2025	C	N	
3752 STELLA BLVD		N	N	1927	1927	Excavation - Contractor	U	L	L	L	N	5/15/2024	Y	4/4/2025	C	N	
3755 STELLA BLVD		N	Y	1927	1927	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	4/3/2025	C	N	
3756 STELLA BLVD		N	N	1909	1909	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	4/9/2025	C	N	
3763 STELLA BLVD		N	Y	1904	1904	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	4/7/2025	C	N	
3767 STELLA BLVD		N	Y	1904	1904	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	4/7/2025	C	N	

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3771 STELLA BLVD		N	N	1946	1946	Excavation - Contractor	U	L	L	L	N	5/15/2024	Y	4/8/2025	C	N	
3411 GREEN STREET		N	Y	1924	1924	Statistical Model	U	L	C	L	N	5/15/2024	Y	3/21/2025	C	N	
3415 GREEN STREET		N	Y	1924	1924	Notified by Customer	U	L	L	L	N	5/15/2024	Y	3/21/2025	C	N	
3418 GREEN STREET		N	N	1925	1925	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	3/21/2025	C	N	
3422 GREEN STREET		N	N	1900	1900	Excavation - Utility	U	L	L	L	N	5/15/2024	Y	3/21/2025	C	N	
3430 GREEN STREET		N	Y	1900	1900	Notified by Customer	U	L	C	L	N	5/15/2024	Y	3/20/2025	C	N	
3501 GREEN STREET		N	N	1945	1945	Excavation - Contractor	U	L	C	L	N	5/15/2024	Y	3/20/2025	C	N	
3505 GREEN STREET		N	N	1947	1947	Excavation - Utility	U	L	L	L	N	5/15/2024	Y	3/17/2025	C	N	
3508 GREEN STREET		N	N	1934	1934	Existing Records	U	L	L	L	N	5/15/2024	Y	3/20/2025	C	N	
3534 GREEN STREET		N	N	1935	1935	Excavation - Contractor	U	L	L	L	N	5/15/2024	Y	3/18/2025	C	N	
3535 GREEN STREET		N	N	1899	1899	Excavation - Utility	U	L	C	L	N	5/15/2024	Y	3/19/2025	C	N	
3539 GREEN STREET		N	Y	1904	1904	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	3/19/2025	C	N	
3609 GREEN STREET		N	Y	1909	1909	Existing Records	U	L	L	L	N	5/15/2024	Y	3/19/2025	C	N	
3615 GREEN STREET		N	Y	1944	1944	Existing Records	U	L	L	L	N	5/15/2024	Y	3/13/2025	C	N	
3636 GREEN STREET		N	Y	1950	1950	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	3/24/2025	C	N	
3647 GREEN STREET		N	Y	1929	1929	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	3/24/2025	C	N	
3416 PEORIA STREET		N	N	1949	1949	Excavation - Contractor	U	L	C	L	N	5/15/2024	Y	3/7/2025	C	N	
3420 PEORIA STREET		N	Y	1900	1900	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	3/10/2025	C	N	
3425 PEORIA STREET		N	N	1900	1900	Excavation - Utility	U	L	L	L	N	5/15/2024	Y	3/11/2025	C	N	
3432 PEORIA STREET		N	N	1924	1924	Excavation - Contractor	U	L	L	L	N	5/15/2024	Y	3/11/2025	C	N	
3438 PEORIA STREET		N	N	1941	1941	Excavation - Contractor	U	L	C	L	N	5/15/2024	Y	3/11/2025	C	N	
3507 PEORIA STREET		N	N	1959	1959	Excavation - Utility	U	L	C	L	N	5/15/2024	Y	3/12/2025	C	N	
3511 PEORIA STREET		N	N	1959	1959	Excavation - Utility	U	L	C	L	N	5/15/2024	Y	3/11/2025	C	N	
3526 PEORIA STREET		N	Y	1924	1924	Existing Records	U	L	L	L	N	5/15/2024	Y	3/12/2025	C	N	
3531 PEORIA STREET		N	Y	1948	1948	Existing Records	U	L	L	L	N	5/15/2024	Y	3/13/2025	C	N	
3534 PEORIA STREET		N	N	1944	1944	Excavation - Contractor	U	L	C	L	N	5/15/2024	Y	3/12/2025	C	N	
3535 PEORIA STREET		N	Y	1947	1947	Existing Records	U	L	L	L	N	5/15/2024	Y	3/12/2025	C	N	
3544 PEORIA STREET		N	N	1909	1909	Excavation - Contractor	U	L	L	L	N	5/15/2024	Y	3/13/2025	C	N	
3601 PEORIA STREET		N	N	1947	1947	Excavation - Contractor	U	L	C	L	N	5/15/2024	Y	3/13/2025	C	N	
3608 PEORIA STREET		N	Y	1899	1899	Excavation - Contractor	U	L	L	L	N	5/15/2024	Y	3/13/2025	C	N	
3626 PEORIA STREET		N	N	1945	1945	Excavation - Utility	U	L	L	L	N	5/15/2024	Y	3/17/2025	C	N	
3633 PEORIA STREET		N	N	1948	1948	Excavation - Utility	U	L	L	L	N	5/15/2024	Y	3/18/2025	C	N	
3424 SANGAMON STREET		N	N	1945	1945	Excavation - Contractor	U	L	L	L	N	5/15/2024	Y	3/6/2025	C	N	
3432 SANGAMON STREET		N	N	1904	1904	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	2/28/2025	C	N	
3435 SANGAMON STREET		N	N	1942	1942	Excavation - Contractor	U	L	C	L	N	5/15/2024	Y	3/6/2025	C	N	
3439 SANGAMON STREET		N	N	1946	1946	Existing Records	U	L	L	L	N	5/15/2024	Y	3/5/2025	C	N	
3443 SANGAMON STREET		N	N	1947	1947	Excavation - Contractor	U	L	C	L	N	5/15/2024	Y	3/7/2025	C	N	
3451 SANGAMON STREET		N	N	1918	1918	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	3/5/2025	C	N	
3501 SANGAMON STREET		N	N	1939	1939	Indoor Inspection - Contractor	U	L	L	L	N	5/15/2024	Y	3/5/2025	C	N	
3505 SANGAMON STREET		N	N	1927	1927	Excavation - Contractor	U	L	C	L	N	5/15/2024	Y	3/3/2025	C	N	
3509 SANGAMON STREET		N	N	1929	1929	Excavation - Contractor	U	L	L	L	N	5/15/2024	Y	2/27/2025	C	N	
3516 SANGAMON STREET		N	N	1929	1929	Visual Confirmation	U	L	C	L	N	5/15/2024	Y	2/28/2025	C	N	
3529 SANGAMON STREET		N	N	1953	1953	Excavation - Contractor	U	L	C	L	N	5/15/2024	Y	2/28/2025	C	N	
3604 SANGAMON STREET		N	N	1927	1927	Existing Records	U	L	L	L	N	5/15/2024	Y	2/26/2025	C	N	
3608 SANGAMON STREET		N	N	1942	1942	Existing Records	U	L	L	L	N	5/15/2024	Y	2/26/2025	C	N	
3621 SANGAMON STREET		N	N	1949	1949	Existing Records	U	L	L	L	N	5/15/2024	Y	2/26/2025	C	N	
3625 SANGAMON STREET		N	N	1949	1949	Excavation - Contractor	U	L	C	L	N	5/15/2024	Y	2/25/2025	C	N	
3629 SANGAMON STREET		N	Y	1919	1919	Indoor Inspection - Contractor	U	L	C	L	N	5/15/2024	Y	2/26/2025	C	N	
3630 SANGAMON STREET		N	N	1939	1939	Existing Records	U	L	L	L	N	5/15/2024	Y	2/26/2025	C	N	
3634 SANGAMON STREET		N	N	1946	1946	Existing Records	U	L	L	L	N	5/15/2024	Y	2/25/2025	C	N	
3639 SANGAMON STREET		N	N	1929	1929	Visual Confirmation	U	L	C	L	N	5/15/2024	Y	2/27/2025	C	N	
3506 MORGAN STREET		N	N	1961	1961	Excavation - Contractor	U	L	L	L	N	5/15/2024	Y	2/7/2025	C	N	
3514 MORGAN STREET		N	N	1924	1924	Excavation - Contractor	U	L	L	L	N	5/15/2024	Y	2/7/2025	C	N	
3515 MORGAN STREET		N	N	1924	1924	Existing Records	U	L	L	L	N	5/15/2024	Y	2/4/2025	C	N	
3517 MORGAN STREET		N	N	1928	1928	Visual Confirmation	U	L	C	L	N	5/15/2024	Y	2/5/2025	C	N	
3520 MORGAN STREET		N	N	1924	1924	Existing Records	U	L	L	L	N	5/15/2024	Y	2/4/2025	C	N	
3526 MORGAN STREET		N	N	1924	1924	Visual Confirmation	U	L	C	L	N	5/15/2024	Y	2/5/2025	C	N	
3527 MORGAN STREET		N	N	1945	1945	Excavation - Contractor	U	L	L	L	N	5/15/2024	Y	2/5/2025	C	N	
3530 MORGAN STREET		N	N	1924	1924	Indoor Inspection - Contractor	U	L	C	L	N	5/15/2024	Y	2/7/2025	C	N	
3536 MORGAN STREET		N	N	1925	1925	Excavation - Contractor	U	C	C	NL	N	N/R	Y	2/10/2025	C	N	

Service Address	Lead and Copper Sample site number.	Is this a high-risk Facility or Area?	Service Line Newly Identified Since Last Submitted Inventory	Year PWS-Owned Service Line was Installed	Year Customer Side Service Line was Installed	Source of Information Used for Service Line Identification	Gooseneck/ Pigtail	PWS-Owned Service Line Material	Customer Side Service Line Material	Classification for Entire Serivice Line	Was Galvanized Service Line Material ever downstream of Lead?	Date Customer Notified of Lead Service Line	Was a Lead Service Line Previously Replaced at this Location?	Date Lead Service Line Replaced	Material of Service Line Replacement	Has the customer refused access to the property?	Date of customer waiver or IDPH notification, if customer refused access to property
3548 MORGAN STREET		N	N	1909	1909	Excavation - Contractor	U	L	C	L	N	5/15/2024	Y	2/11/2025	C	N	
3601 MORGAN STREET		N	N	1929	1929	Existing Records	U	L	L	L	N	5/15/2024	Y	2/11/2025	C	N	
3605 MORGAN STREET		N	N	1939	1939	Excavation - Contractor	U	L	C	L	N	5/15/2024	Y	2/10/2025	C	N	
3609 MORGAN STREET		N	N	1942	1942	Notified by Customer	U	L	C	L	N	5/15/2024	Y	2/11/2025	C	N	
3625 MORGAN STREET		N	N	1949	1949	Excavation - Contractor	U	L	C	L	N	5/15/2024	Y	2/11/2025	C	N	
3628 MORGAN STREET		N	N	2008	2008	Excavation - Contractor	U	L	C	L	N	5/15/2024	Y	2/25/2025	C	N	
3627 MORGAN STREET		N	N	1939	1939	Excavation - Contractor	U	L	C	L	N	5/15/2024	Y	2/11/2025	C	N	
3637 MORGAN STREET		N	N	1944	1944	Excavation - Contractor	U	L	C	L	N	5/15/2024	Y	2/11/2025	C	N	

Service Address	Lead and Copper Sample site number.	Is this a high-risk Facility or Area?	Service Line Newly Identified Since Last Submitted Inventory	Year PWS-Owned Service Line was Installed	Year Customer Side Service Line was Installed	Source of Information Used for Service Line Identification	Gooseneck/ Pigtail	PWS-Owned Service Line Material	Customer Side Service Line Material	Classification for Entire Serivice Line	Was Galvanized Service Line Material ever downstream of Lead?	Date Customer Notified of Lead Service Line	Was a Lead Service Line Previously Replaced at this Location?	Date Lead Service Line Replaced	Material of Service Line Replacement	Has the customer refused access to the property?	Date of customer waiver or IDPH notification, if customer refused access to property

Service Address	Lead and Copper Sample site number.	Is this a high-risk Facility or Area?	Service Line Newly Identified Since Last Submitted Inventory	Year PWS-Owned Service Line was Installed	Year Customer Side Service Line was Installed	Source of Information Used for Service Line Identification	Gooseneck/ Pigtail	PWS-Owned Service Line Material	Customer Side Service Line Material	Classification for Entire Serivice Line	Was Galvanized Service Line Material ever downstream of Lead?	Date Customer Notified of Lead Service Line	Was a Lead Service Line Previously Replaced at this Location?	Date Lead Service Line Replaced	Material of Service Line Replacement	Has the customer refused access to the property?	Date of customer waiver or IDPH notification, if customer refused access to property

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Service Address	Lead and Copper Sample site number.	Is this a high-risk Facility or Area?	Service Line Newly Identified Since Last Submitted Inventory	Year PWS-Owned Service Line was Installed	Year Customer Side Service Line was Installed	Source of Information Used for Service Line Identification	Gooseneck/ Pigtail	PWS-Owned Service Line Material	Customer Side Service Line Material	Classification for Entire Serivice Line	Was Galvanized Service Line Material ever downstream of Lead?	Date Customer Notified of Lead Service Line	Was a Lead Service Line Previously Replaced at this Location?	Date Lead Service Line Replaced	Material of Service Line Replacement	Has the customer refused access to the property?	Date of customer waiver or IDPH notification, if customer refused access to property

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Service Address	Lead and Copper Sample site number.	Is this a high-risk Facility or Area?	Service Line Newly Identified Since Last Submitted Inventory	Year PWS-Owned Service Line was Installed	Year Customer Side Service Line was Installed	Source of Information Used for Service Line Identification	Gooseneck/ Pigtail	PWS-Owned Service Line Material	Customer Side Service Line Material	Classification for Entire Serivice Line	Was Galvanized Service Line Material ever downstream of Lead?	Date Customer Notified of Lead Service Line	Was a Lead Service Line Previously Replaced at this Location?	Date Lead Service Line Replaced	Material of Service Line Replacement	Has the customer refused access to the property?	Date of customer waiver or IDPH notification, if customer refused access to property

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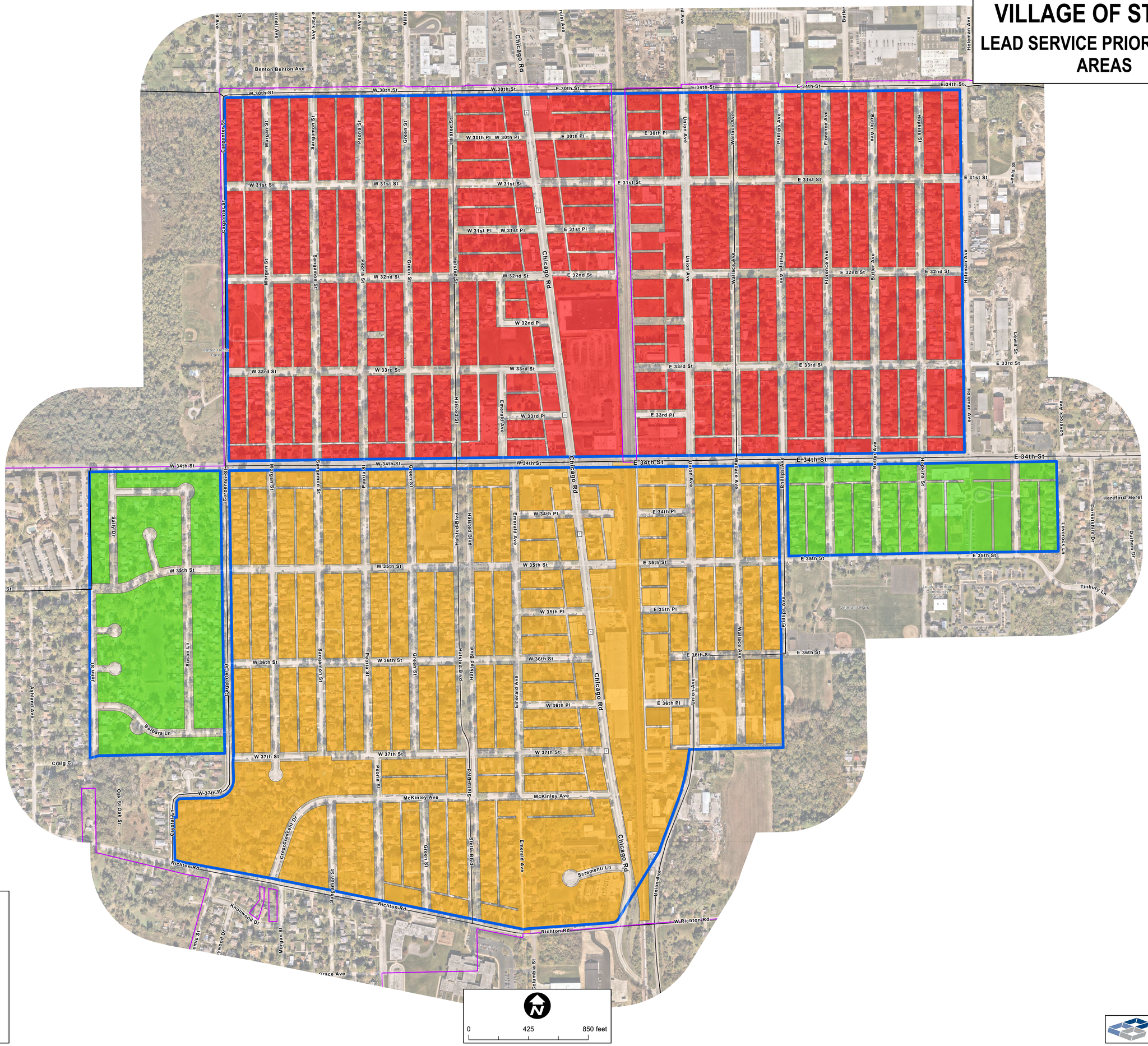
Appendix 3
Prioritization Map

VILLAGE OF STEGER
LEAD SERVICE PRIORITIZATION AREAS



Legend

- Project Area
- Village Limits
- Block Groups

Priority Group

- 1
- 2
- 3

Robinson ENGINEERING

Date: 4/10/2025

Appendix 4

IEPA SRF PWSLP Scoring System

ADMINISTRATIVE CODE

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE F: PUBLIC WATER SUPPLIES
CHAPTER II: ENVIRONMENTAL PROTECTION AGENCY
PART 663 PROCEDURES FOR ISSUING LOANS FROM THE PUBLIC WATER SUPPLY LOAN PROGRAM TO PROVIDE FUNDING FOR LEAD SERVICE LINE REPLACEMENT
SECTION 663.345 LOAN PRIORITY SCORE

Section 663.345 Loan Priority Score

a) Projects will be scored and ranked for inclusion on the Project Priority List using the loan priority score methodology set forth in this Section.

b) The Agency will calculate the loan priority score by totaling the points awarded in subsections (g) through (n).

c) The scoring will be based on the information from the most recent American Community Survey 5-year estimate from the US Department of Commerce, Bureau of the Census.

d) Applicants with a higher loan priority score will be ranked above applicants with a lower loan priority score on the Project Priority List.

e) Only projects that have a submitted a Funding Nomination Form and have a Project Plan approved by the Agency will be scored pursuant to this Section.

f) The applicant will identify the census tract or tracts of the project area from the U.S. Department of Commerce, Bureau of Census. If more than one census tract is identified for the project area, the percentile rank of each scoring metric identified in subsections (g) through (m) below will be determined for each census tract within the project area. The average of the percentile ranks for the identified census tracts will be calculated and used as the percentile rank for the project area to determine the appropriate points awarded in subsections (g) through (m) below.

g) Median Household Income (MHI):

1) A maximum of 100 points may be awarded under this subsection (g).

2) The following points will be awarded based on the percentile rank of the MHI of the applicant's project area among all census tracts within the State:

Points	MHI Percentile Rank
100	Project Area Ranks at or below the 5th Percentile of State MHI
90	Project Area Ranks above the 5th Percentile and at or below the 10th Percentile
80	Project Area Ranks above the 10th Percentile and at or below the 20th Percentile
70	Project Area Ranks above the 20th Percentile and at or below the 30th Percentile
60	Project Area Ranks above the 30th Percentile and at or below the 40th Percentile
40	Project Area Ranks above the 40th Percentile and at or below the 50th Percentile
20	Project Area Ranks above the 50th Percentile and at or below the 60th Percentile
10	Project Area Ranks above the 60th Percentile and at or below the 70th Percentile
5	Project Area Ranks above the 70th Percentile and at or below the 80th Percentile
0	Project Area Ranks Above the 80th Percentile of State MHI

h) Children Under the Age of 6

1) A maximum of 80 points may be awarded under this subsection (h).

2) The following points will be awarded based on the percentile rank of the number of children under the age of 6 within the applicant's project area among all census tracts within the State:

Points	Children Under the Age of 6 Percentile Rank
80	Project Area Ranks Above the 90th Percentile
70	Project Area Ranks above the 80th Percentile but at or below the 90th Percentile
60	Project Area Ranks above the 70th Percentile but at or below the 80th Percentile
50	Project Area Ranks above the 60th Percentile but at or below the 70th Percentile
40	Project Area Ranks above the 50th Percentile but at or below the 60th Percentile
30	Project Area Ranks above the 40th Percentile but at or below the 50th Percentile
20	Project Area Ranks above the 30th Percentile but at or below the 40th Percentile
10	Project Area Ranks above the 20th Percentile but at or below the 30th Percentile
5	Project Area Ranks above the 10th Percentile but at or below the 20th Percentile
0	Project Area Ranks at or below the 10th Percentile

i) Unemployment Rate

1) A maximum of 45 points may be awarded under this subsection (i).

2) The following points will be awarded based on the percentile rank of the unemployment rate of the applicant's project area among all census tracts within the State:

Points	Unemployment Percentile Rank
45	Project Area Ranks Above the 90th Percentile
40	Project Area Ranks above the 80th Percentile but at or below the 90th Percentile
35	Project Area Ranks above the 70th Percentile but at or below the 80th Percentile
30	Project Area Ranks above the 60th Percentile but at or below the 70th Percentile
25	Project Area Ranks above the 50th Percentile but at or below the 60th Percentile
20	Project Area Ranks above the 40th Percentile but at or below the 50th Percentile
15	Project Area Ranks above the 30th Percentile but at or below the 40th Percentile
10	Project Area Ranks above the 20th Percentile but at or below the 30th Percentile
5	Project Area Ranks above the 10th Percentile but at or below the 20th Percentile
0	Project Area Ranks at or below the 10th Percentile

j) Poverty Rate

1) A maximum of 45 points may be awarded under this subsection (j).

2) The following points will be awarded based on the percentile rank of the poverty rate of the applicant's project area among all census tracts within the State:

Points	Poverty Rate Percentile Rank
45	Project Area Ranks Above the 90th Percentile
40	Project Area Ranks above the 80th Percentile but at or below the 90th Percentile
35	Project Area Ranks above the 70th Percentile but at or below the 80th Percentile
30	Project Area Ranks above the 60th Percentile but at or below the 70th Percentile
25	Project Area Ranks above the 50th Percentile but at or below the 60th Percentile
20	Project Area Ranks above the 40th Percentile but at or below the 50th Percentile
15	Project Area Ranks above the 30th Percentile but at or below the 40th Percentile
10	Project Area Ranks above the 20th Percentile but at or below the 30th Percentile
5	Project Area Ranks above the 10th Percentile but at or below the 20th Percentile
0	Project Area Ranks at or below the 10th Percentile

k) Social Security Rate

1) A maximum of 45 points may be awarded under this subsection (k).

2) The following points will be awarded based on the percentile rank of the social security rate of the applicant's project area among all census tracts within the State:

Points	Social Security Rate Percentile Rank
45	Project Area Ranks Above the 90th Percentile
40	Project Area Ranks above the 80th Percentile but at or below the 90th Percentile
35	Project Area Ranks above the 70th Percentile but at or below the 80th Percentile
30	Project Area Ranks above the 60th Percentile but at or below the 70th Percentile
25	Project Area Ranks above the 50th Percentile but at or below the 60th Percentile
20	Project Area Ranks above the 40th Percentile but at or below the 50th Percentile
15	Project Area Ranks above the 30th Percentile but at or below the 40th Percentile
10	Project Area Ranks above the 20th Percentile but at or below the 30th Percentile
5	Project Area Ranks above the 10th Percentile but at or below the 20th Percentile
0	Project Area Ranks at or below the 10th Percentile

l) Supplemental Security Income

1) A maximum of 45 points may be awarded under this subsection (l).

2) The following points will be awarded based on the percentile rank of the supplemental security income rate of the applicant's project area among all census tracts within the State:

Points	**Supplemental Security Income Rate Percentile Rank**
45	Project Area Ranks Above the 90th Percentile
40	Project Area Ranks above the 80th Percentile but at or below the 90th Percentile
35	Project Area Ranks above the 70th Percentile but at or below the 80th Percentile
30	Project Area Ranks above the 60th Percentile but at or below the 70th Percentile
25	Project Area Ranks above the 50th Percentile but at or below the 60th Percentile
20	Project Area Ranks above the 40th Percentile but at or below the 50th Percentile
15	Project Area Ranks above the 30th Percentile but at or below the 40th Percentile
10	Project Area Ranks above the 20th Percentile but at or below the 30th Percentile
5	Project Area Ranks above the 10th Percentile but at or below the 20th Percentile
0	Project Area Ranks at or below the 10th Percentile

m) Houses Built Pre-1990

1) A maximum of 45 points may be awarded under this subsection (m).

2) The following points will be awarded based on the percentile rank of the number of housing units built before 1990 within the applicant's project area among all census tracts within the State:

Points	Housing Units Built Pre-1990 Percentile Rank
45	Project Area Ranks Above the 90th Percentile
40	Project Area Ranks above the 80th percentile but at or below the 90th Percentile
35	Project Area Ranks above the 70th percentile but at or below the 80th Percentile
30	Project Area Ranks above the 60th percentile but at or below the 70th Percentile
25	Project Area Ranks above the 50th percentile but at or below the 60th Percentile
20	Project Area Ranks above the 40th percentile but at or below the 50th Percentile
15	Project Area Ranks above the 30th percentile but at or below the 40th Percentile
10	Project Area Ranks above the 20th percentile but at or below the 30th Percentile
5	Project Area Ranks above the 10th percentile but at or below the 20th Percentile
0	Project Area Ranks at or below the 10th Percentile

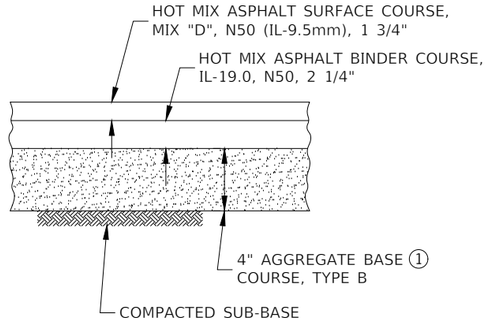
n) Lead Service Line Burden

1) A maximum of 45 points may be awarded under this subsection (n).

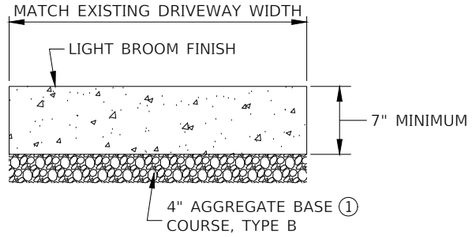
2) The following points will be awarded based on the total number of lead service lines as a percentage of all water service lines reported in the Material Inventory.

Points	Lead Service Line Percentage
45	Lead Service Lines are 75%- 100% of the Material Inventory
30	Lead Service Lines are 50%-74.99% of the Material Inventory
15	Lead Service Lines are 25%-49.99% of the Material Inventory
0	Lead Service Lines are 0%-24.99% of the Material Inventory

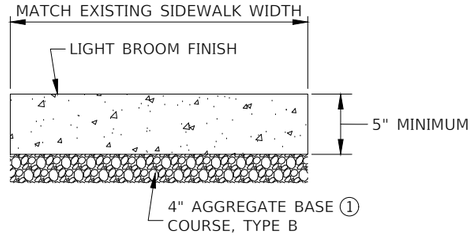
Appendix 5
LSLR Details



HMA DRIVEWAY PAVEMENT, 4"



PCC DRIVEWAY PAVEMENT, 7"



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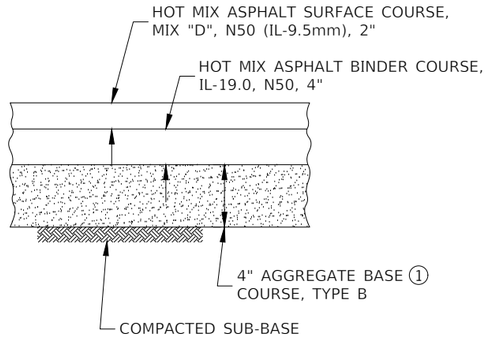
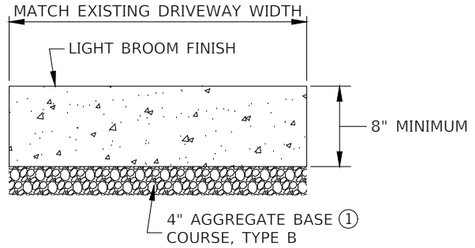


HMA DRIVEWAY PAVEMENT, 6"



PCC DRIVEWAY PAVEMENT, 8"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @NDES	QMP
CLASS D PATCHES - 4"-12"		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0mm, N70 (4"-10") MAX LIFT 4"	4% @ 70 Gyr.	LR 1030-2
HOT-MIX ASPHALT DRIVEWAY PAVEMENT - 4" (RESIDENTIAL)		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (1 3/4")	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (2 1/4")	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT DRIVEWAY PAVEMENT - 6" (COMMERCIAL)		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (4")	4% @ 50 Gyr.	LR 1030-2

NOTE:
UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT 1 SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

NOTES:

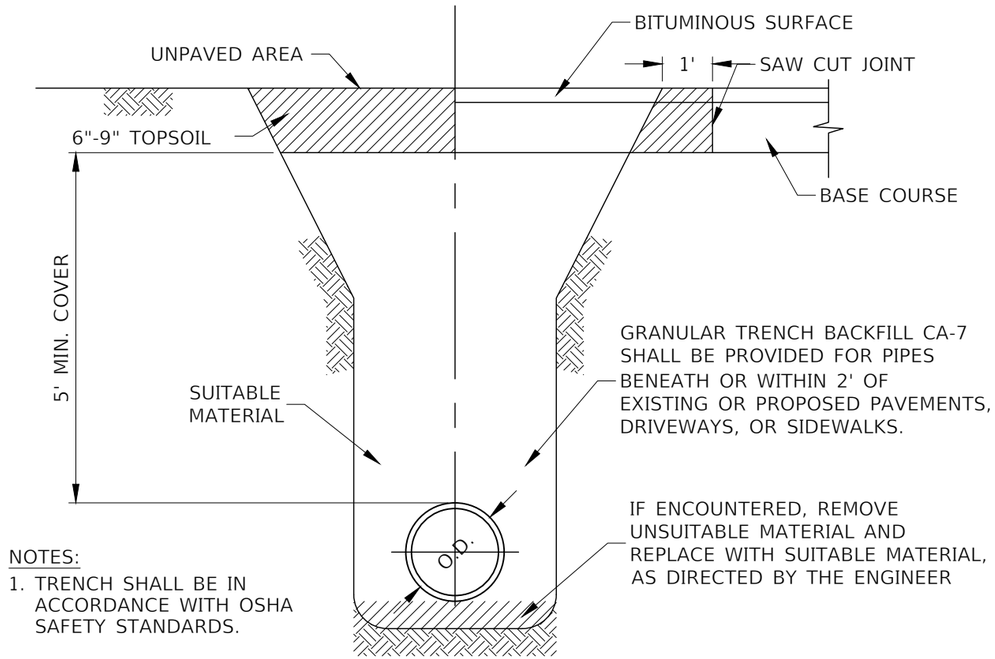
1. REMOVE ALL TOPSOIL. PLACE CONCRETE OR HMA ON COMPACTED CA-6 STONE.
2. 1/2" DEEP SAW CUT CONTROL JOINTS SHALL BE AT 5" INTERVALS AND 3/4" THICK EXPANSION BOARD WHERE SIDEWALK ABUTS CURB, DRIVEWAY OR OTHER STRUCTURE AND AT 10'' INTERVALS.
3. FOR PCC SIDEWALK, INCREASE CONCRETE THICKNESS TO 7" AT DRIVEWAY CROSSINGS.
4. PRE MOULDED EXPANSION JOINTS SHALL BE PROVIDED AGAINST SIDEWALK AND CURB AND GUTTERS (PCC DRIVES ONLY).
5. REPLACE ALL PAVEMENT MARKING, STRIPING, AND SYMBOLS IN KIND.
6. TEMPORARY PAVEMENT CONDITION MUST BE MONITORED THROUGHOUT THE WINTER AND REPLACED WITH HMA WHEN AVAILABLE IN THE SPRING.
7. IF HIGH TEMPERATURES ARE LESS THAN 20 DEGREES, NO CONCRETE SHALL BE PLACED.
8. IF LOW TEMPERATURES ARE FORECAST TO BE BETWEEN 25 AND 32 DEGREES WITHIN 96 HOURS OF CONCRETE PLACEMENT, CONCRETE MUST BE COVERED WITH SHEET PLASTIC FOR 96 HOURS.
9. IF LOW TEMPERATURES ARE FORECAST TO BE LESS THAN 25 DEGREES WITHIN 96 HOURS OF CONCRETE PLACEMENT, CONCRETE MUST BE COVERED WITH INSULATED BLANKETS FOR 96 HOURS.

1896 STEGER World's Finest Piano ILLINOIS

RESTORATION DETAILS

Robinson ENGINEERING

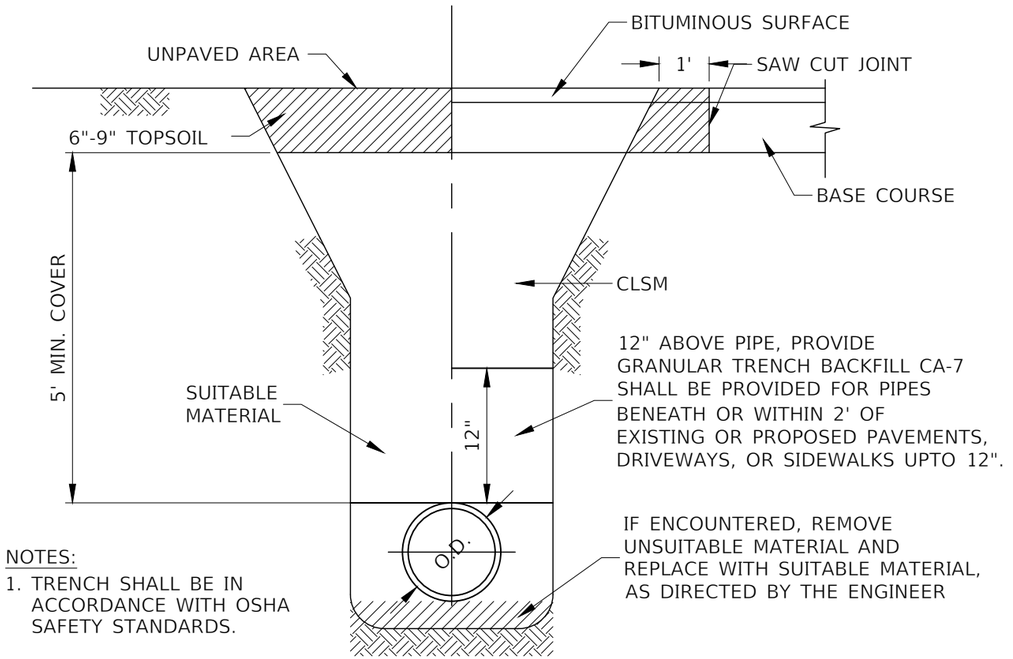
25-R0342_02-LSLR-DTLS



NOTES:

1. TRENCH SHALL BE IN ACCORDANCE WITH OSHA SAFETY STANDARDS.

TRENCH BACKFILL TO BE USED ON LOCAL ROADS



NOTES:

1. TRENCH SHALL BE IN ACCORDANCE WITH OSHA SAFETY STANDARDS.

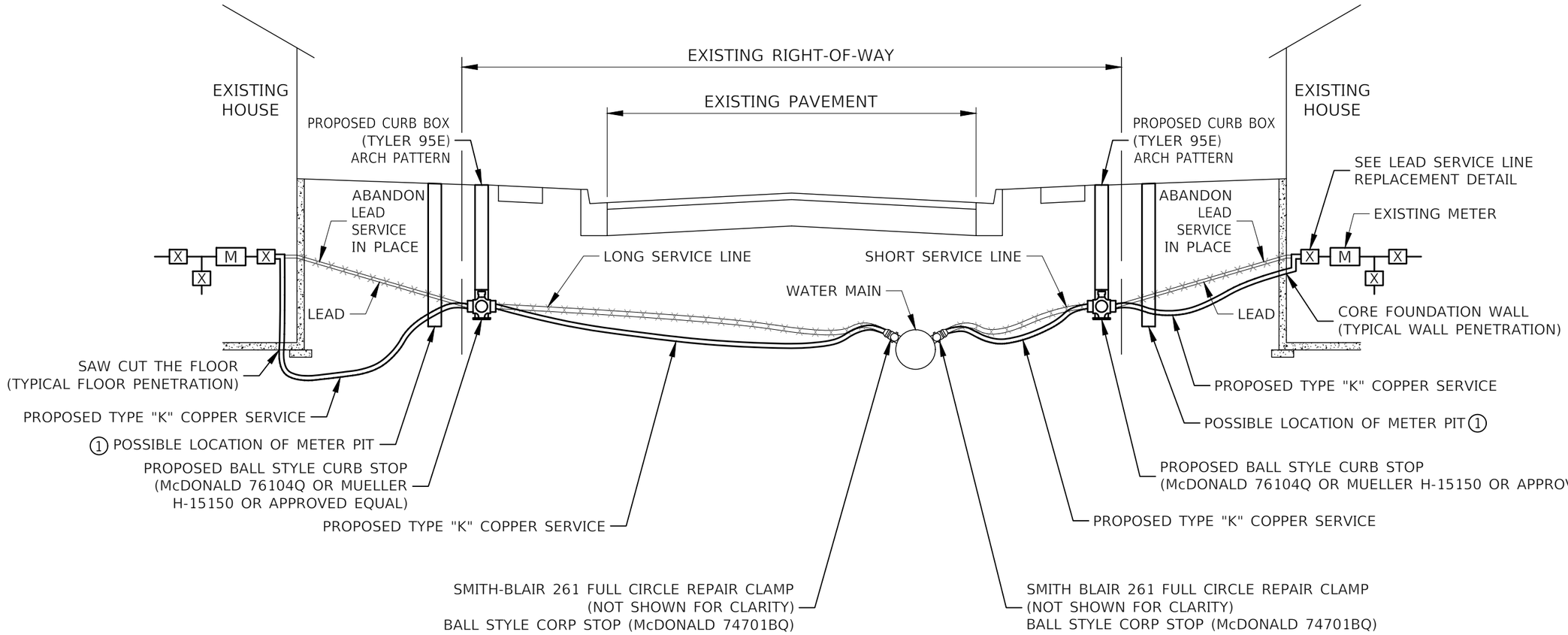
TRENCH BACKFILL TO BE USED ON IDOT ROADS

STEGER 1896 World's Finest Piano ILLINOIS

TRENCH BACKFILL DETAILS

Robinson ENGINEERING

25-R0342_02-LSLR-DTLS



NOTE:

1 ANY METERS THAT ARE STILL ACTIVE WITHIN EXISTING METER PITS SHALL BE REMOVED AND RELOCATED INSIDE THE BUILDING. SEE SPECIAL PROVISIONS FOR DETAILS.

FULL LEAD WATER SERVICE REPLACEMENT (COPPER)

Robinson ENGINEERING

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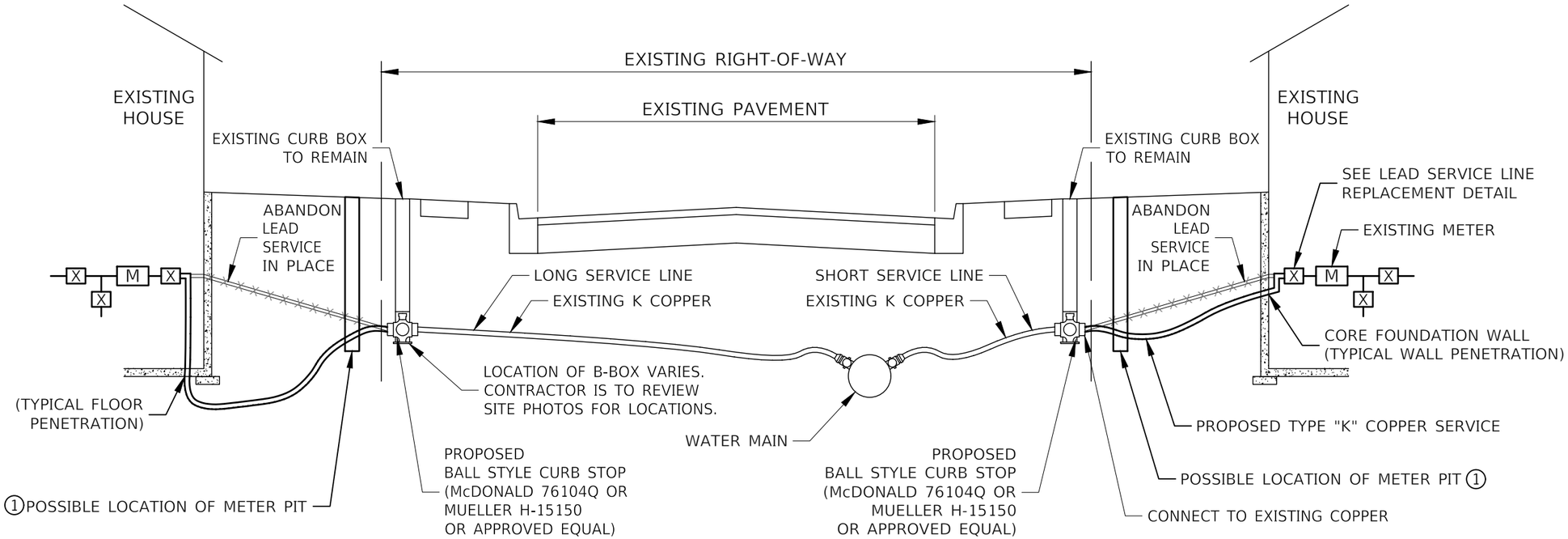


NOTE:

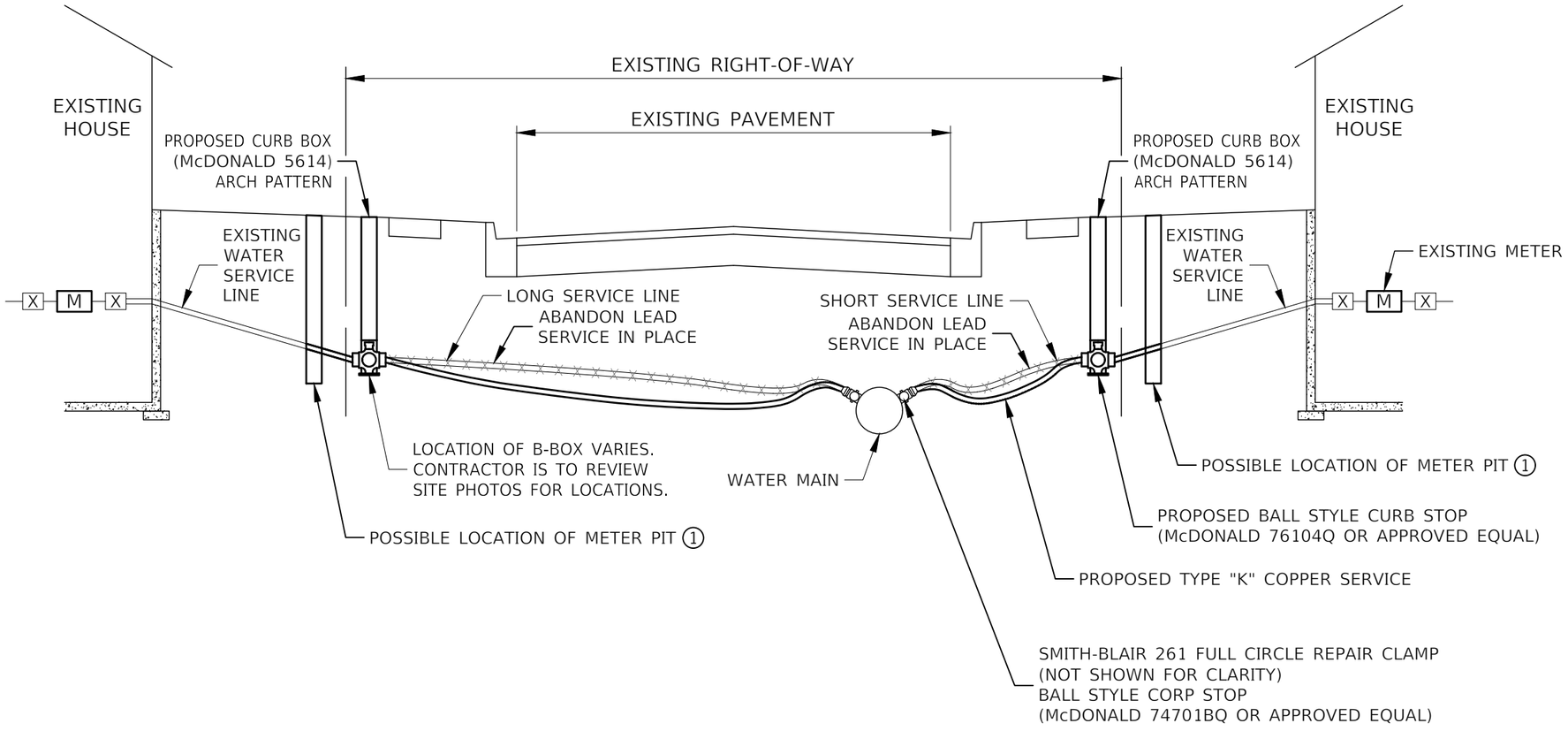
(1) ANY METERS THAT ARE STILL ACTIVE WITHIN EXISTING METER PITS SHALL BE REMOVED AND RELOCATED INSIDE THE BUILDING. SEE SPECIAL PROVISIONS FOR DETAILS.

(2) ONLY CURB BOXES THAT ARE NOT FUNCTIONING ARE TO BE REPLACED PER THE SPECIAL PROVISIONS. ANY CURB BOXES THAT ARE BURIED SHALL BE ADJUSTED PER THE SPECIAL PROVISIONS.

PARTIAL LEAD WATER SERVICE REPLACEMENT
PRIVATE SIDE (COPPER)

Robinson ENGINEERING

25-R0342_02-LSLR-DTLS

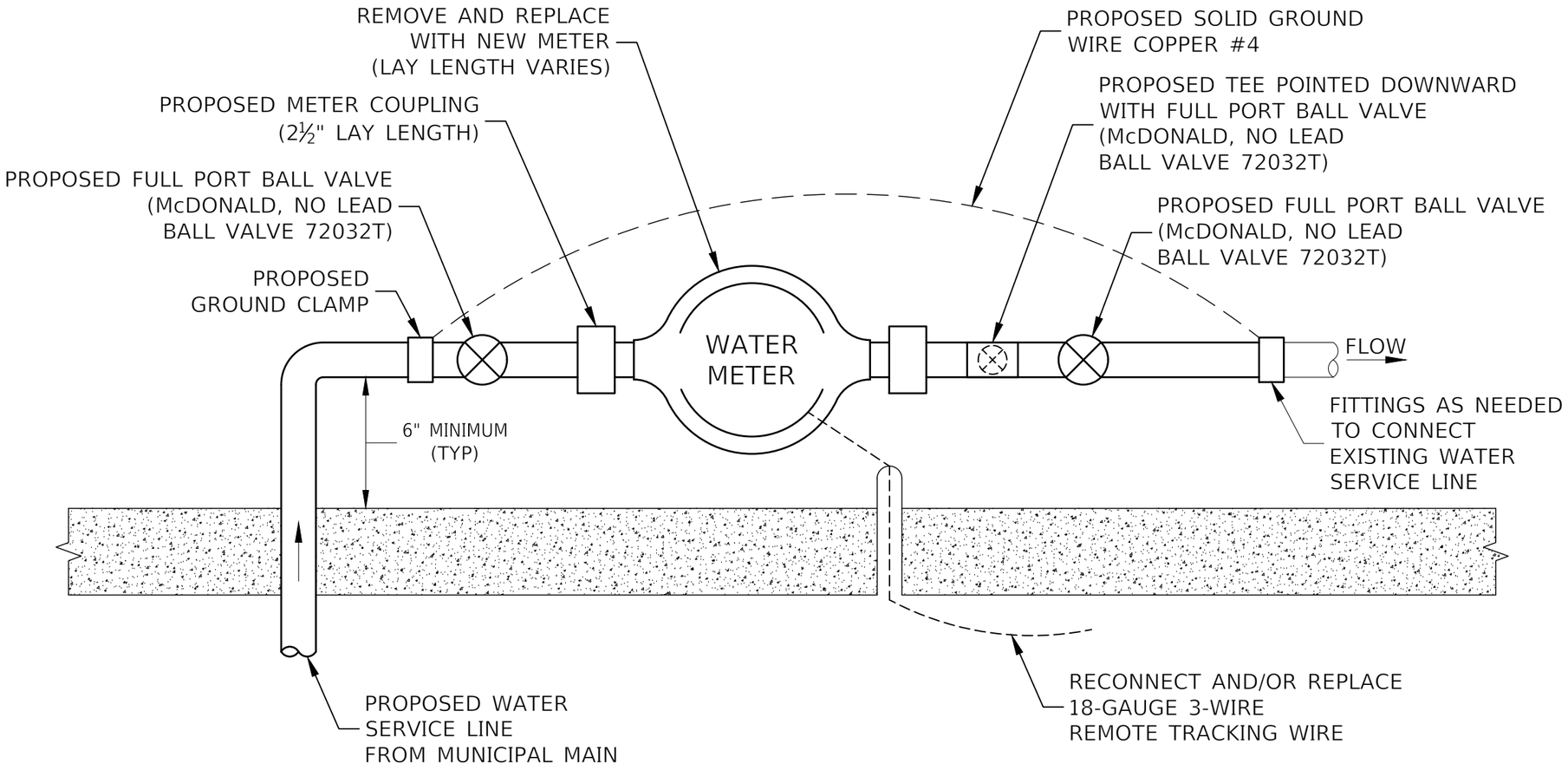


NOTE:
(1) ANY METERS THAT ARE STILL ACTIVE WITHIN EXISTING METER PITS SHALL BE REMOVED AND RELOCATED INSIDE THE BUILDING. SEE SPECIAL PROVISIONS FOR DETAILS.

PARTIAL LEAD WATER SERVICE REPLACEMENT
PUBLIC SIDE (COPPER)

Robinson ENGINEERING

25-R0342_02-LSLR-DTLS



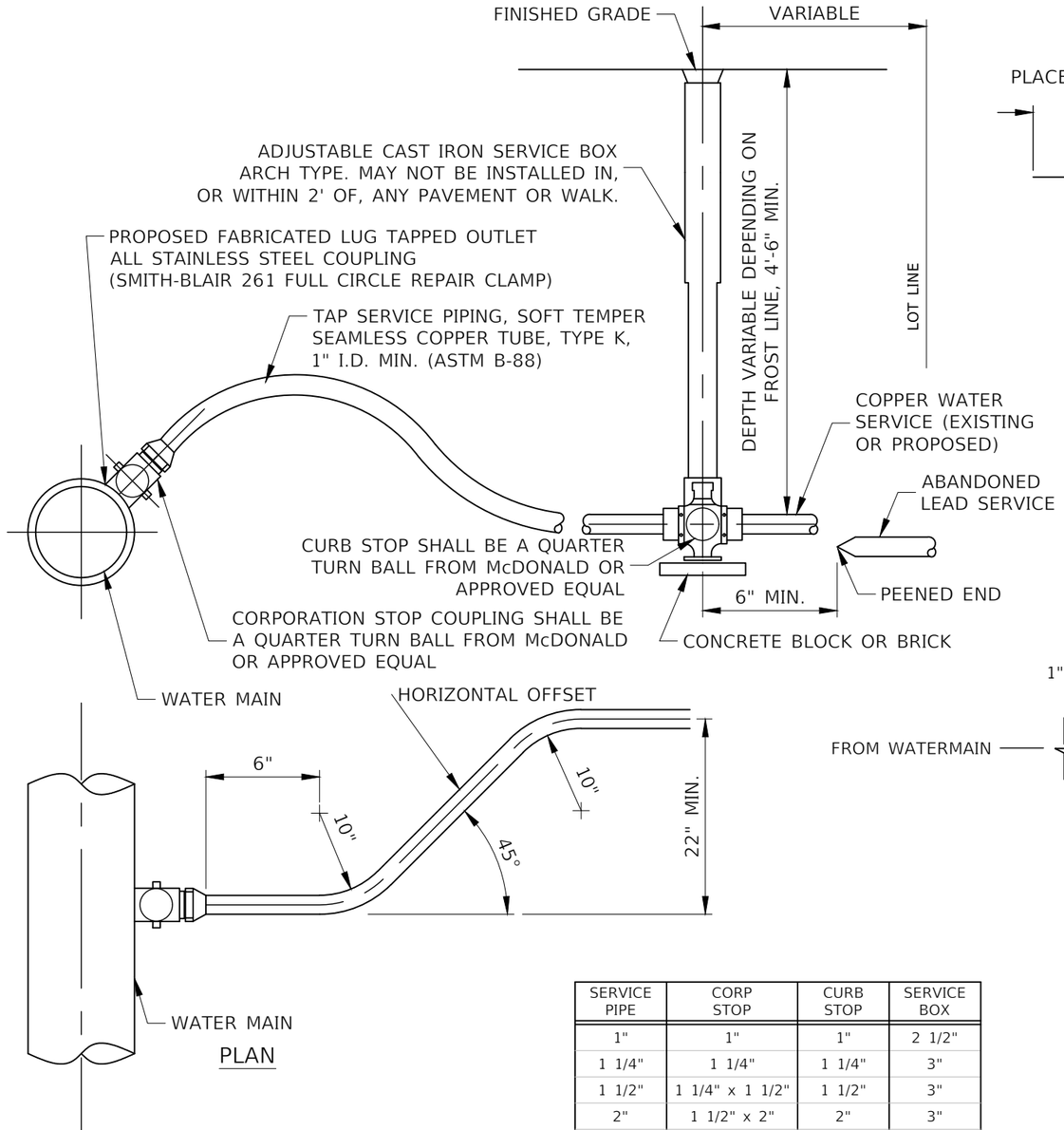
METER SIZE	APPROX. LAY LENGTHS*
3/4" SHORT	7-1/2"
3/4" REGULAR	9"
1"	10-3/4"
1-1/2"	13"
2"	15-1/4"

*LAY LENGTHS VARY ACCORDING TO THE SELECTED MANUFACTURER

LEAD WATER SERVICE REPLACEMENT
WATER METER

Robinson ENGINEERING

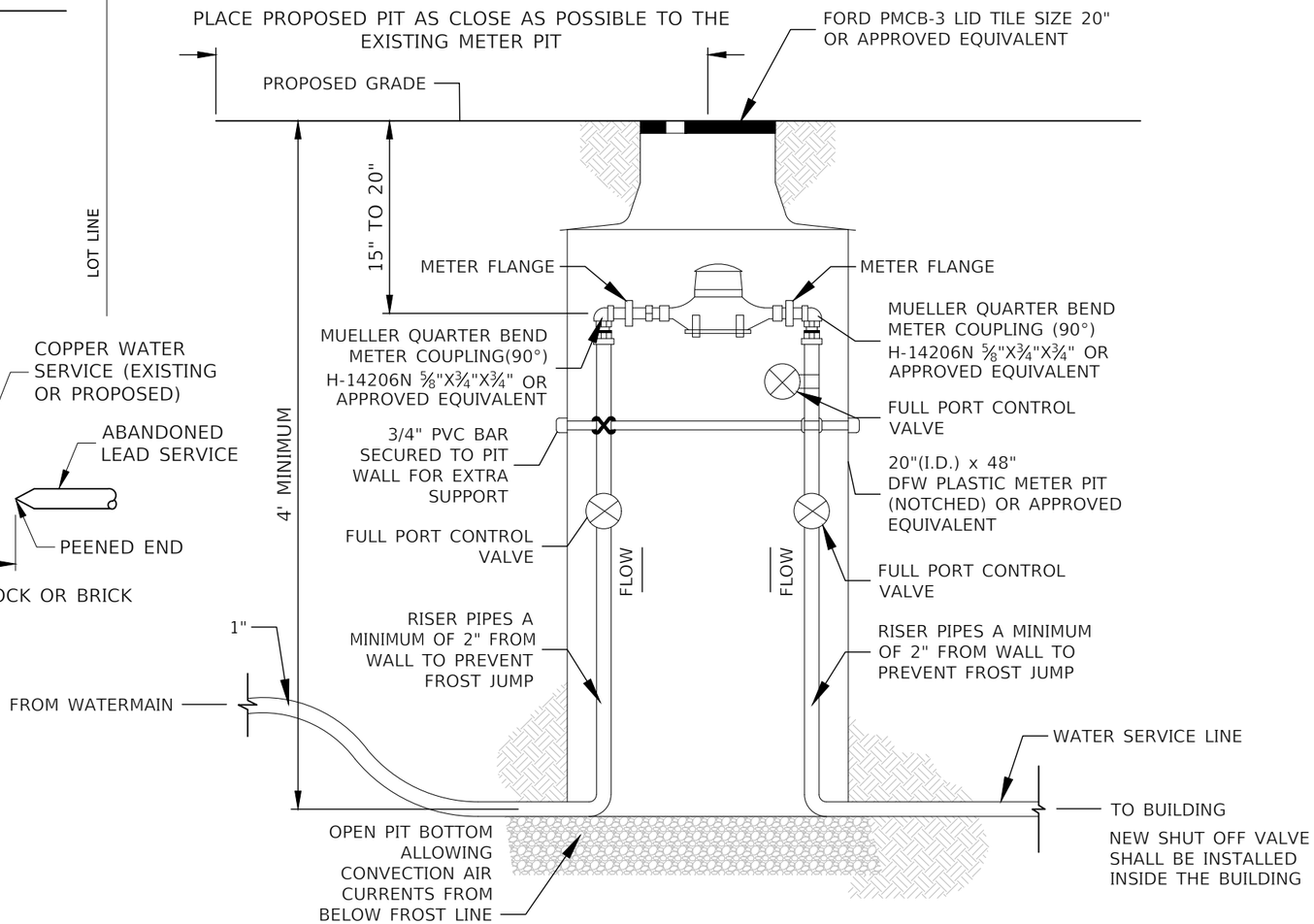
25-R0342_02-LSLR-DTLS



SERVICE PIPE	CORP STOP	CURB STOP	SERVICE BOX
1"	1"	1"	2 1/2"
1 1/4"	1 1/4"	1 1/4"	3"
1 1/2"	1 1/4" x 1 1/2"	1 1/2"	3"
2"	1 1/2" x 2"	2"	3"
3/4"	3/4"	3/4"	2 1/2"

NOTE:
1. BUFFALO BOX ON WATER SERVICE LINES SHALL BE INSTALLED IN THE PARKWAY, NOT IN THE SIDEWALK OR DRIVEWAY.

TYPICAL WATER SERVICE INSTALLATION



WATER METER PIT

NOTE:
1. SEE SPECIAL PROVISIONS FOR DETAILS ON REMOVE AND REPLACE METER PIT AND RELOCATE WATER METER AND VALVE.

WATER DETAILS

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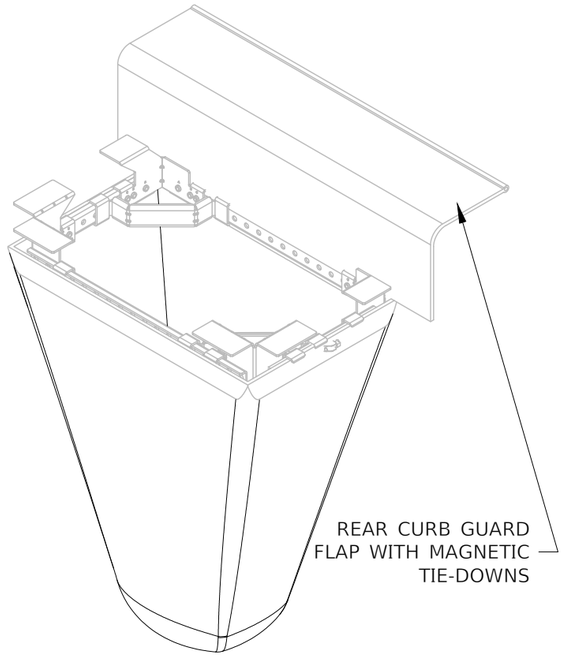
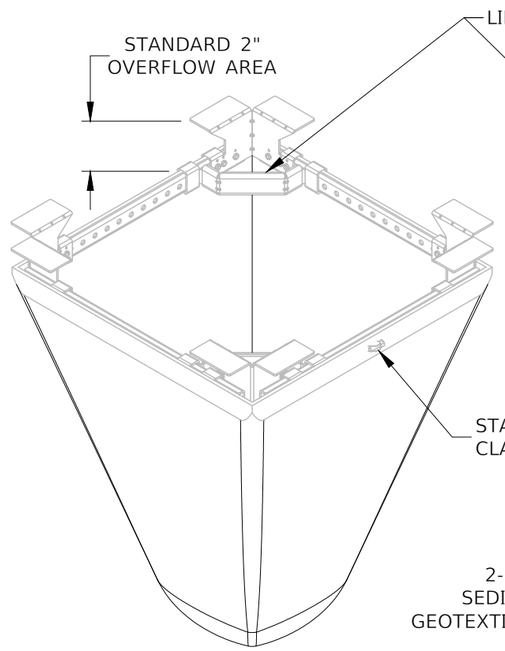
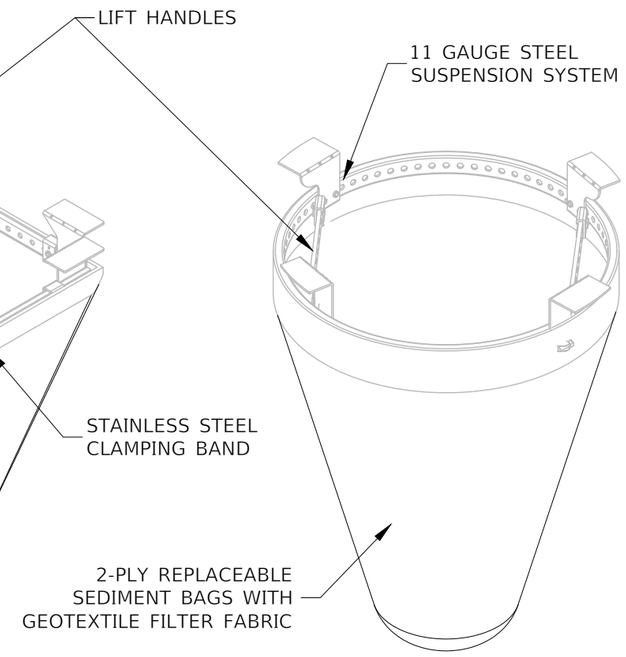


TYPICAL CURB BOX
INLET FILTER

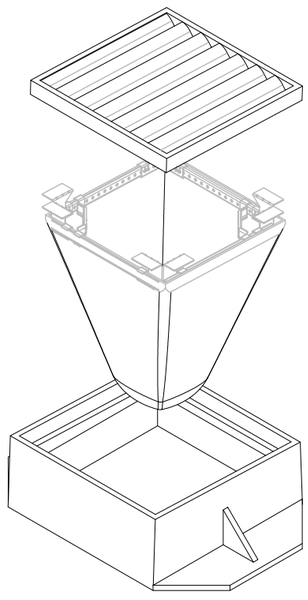


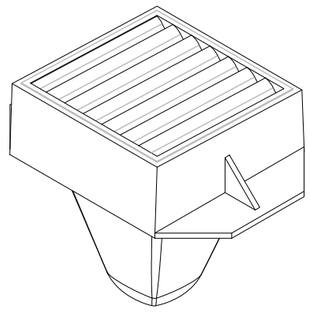
TYPICAL
FLAT/RECTANGULAR/ROLLED CURB
INLET FILTER



TYPICAL ROUND
INLET FILTER

Inlet Filter Specifications			
Material Property	Test Method	Value (min ave)	
> Inner Filter Bag Specs (2 ft^3 min vol)		Non-Woven	Woven Mono
Grab Tensile	ASTM D 4632	100 lbs	200 lbs
Puncture Strength	ASTM D 4833	65 lbs	90 lbs
Trapezoidal Tear	ASTM D 4533	45 lbs	75 lbs
UV Resistance	ASTM D 4355	70% at 500 hrs	90%
App Open Size (AOS)	ASTM D 4751	70 sieve (0.212 mm)	40 sieve (0.425 mm)
Permittivity	ASTM D 4491	2.0 / sec	2.1 / sec
Water Flow Rate	ASTM D 4491	145 gpm / sqft	145 gpm / sqft
> Polyester Outer Reinforcement Bag Specifications			
Weight	ASTM D 3776	4.55 oz / sqyd +/- 15%	
Thickness	ASTM D 1777	0.040 +/- 0.005	
> Frame Construction			
A36 Structural Steel; 11 Guage; Zinc Plated	ASTM A 576	*Tensile Strength > 58,00 psi; Yield Strength > 36,000 psi*	





INSTALLATION:
1. REMOVE GRATE
2. DROP INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE
3. REPLACE GRATE

ALL PRODUCTS SHOWN ARE FLEXSTORM INLET FILTERS MANUFACTURED BY INLET & PIPE PROTECTION, INC.
CONTRACTOR MAY USE EQUIVALENT PRODUCTS APPROVED BY ENGINEER.

INLET PROTECTION WITH GEOTEXTILE FABRIC INLET FILTER

INLET FILTER DETAILS

Robinson ENGINEERING

25-R0342_02-LSLR-DTLS

Appendix 6

Lead Service Line Replacement Outreach Materials

SECOND NOTICE

Village of Steger

Dear Resident of Steger,

We would like your help! The Village is attempting to inventory all of the water service pipes in town. If you could take a couple of photos of your pipes and send them back to us, we would really appreciate it. There are instructions on the back of this form for how to submit your photos.

For video instructions, you can visit GetTheLeadOutIL.com/survey.

Thank you in advance.

Sincerely,

Kenneth A. Peterson

Mayor Kenneth A. Peterson

Video Instructions

Survey

PHOTO SUBMITTAL PROCESS

GetTheLeadOutIL.com/survey

Step 1

Access the Website

Type into your internet browser GetTheLeadOutIL.com/survey

or

Scan the QR Code

Step 2

Fill Out Info

Step 3

Scratch Your Pipe to Reveal Bare Metal

Step 4

Take at Least 3 Photos

Step 5

Upload Photos and Submit

Need help?

Do you need help with this? Give us a call!
815-464-2248

SECOND NOTICE

1896 STEGER World's Finest Piano ILLINOIS

LEAD WATER SERVICE LINE REPLACEMENT PROGRAM

The Village of Steger is pleased to announce that we have secured funding for lead pipe replacements in your neighborhood! Lead and galvanized pipe should be replaced to minimize lead exposure and maintain good water quality. This program will replace, at no cost to our customers, lead service lines that may exist in our community. The lead pipe replacement process is outlined below with photos. The contractor can provide additional information.

For additional information and to speak to the contractor, come to the Open House at Village Hall on September 17th from 7:00-8:30pm

BEFORE YOUR SERVICE LINE IS REPLACED

1. Each household needs to schedule an appointment with the contractor, Five Star Energy Services LLC, to have them identify your water service pipe type and inform you how it will be replaced, if needed. You can schedule the appointment by calling 815-222-6612 or going online at gettheleadoutIL.com.

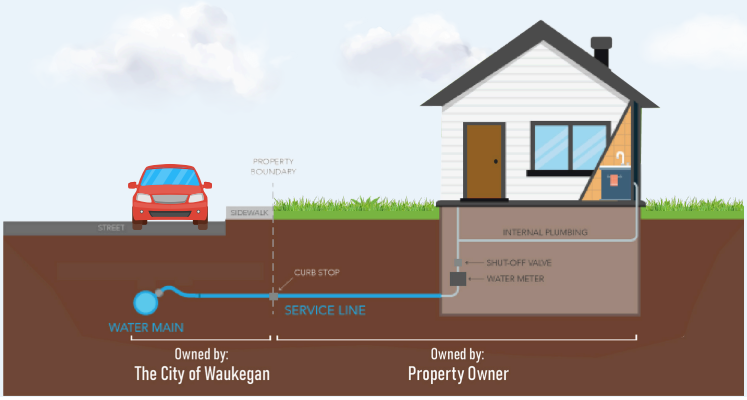
2. On the day of your appointment, the contractor will come inside your home to identify the type of water service line you have. If your service line is identified as lead or galvanized steel, the contractor will ask you to sign an access agreement and schedule a second appointment for replacement.

3. Thank you to everyone who completed the lead service line inventory survey! To supplement our existing pipe material inventory, the contractor will also be digging small holes near the sidewalk on your block to confirm whether all sections of the water service line contain lead. If lead pipe is only identified on the public side of the water service line, households will receive water filters and a notice, and no further appointments will be needed.

DURING YOUR SERVICE LINE REPLACEMENT

4. To install the new copper service line, the contractor will dig two 6-foot by 6-foot holes—one in the street and one near the curb stop in the front yard. The contractor will enter your home to connect your new pipe to the indoor plumbing. Your water will be turned off for up to four hours.

5. After installation, the contractor will flush the new pipe to remove any debris that was released during construction.



AFTER YOUR SERVICE LINE REPLACEMENT

6. Once the new service line is installed, the contractor will test the new pipe and run water through to flush out debris and lead particles.

   A magnet with flushing instructions and water filters will be distributed following installation.

7. After the line is replaced, the holes will be temporarily patched in the yard and street to allow for settling. The holes will then be restored using seed concrete, or paving.

Temporary repair patch in street and/or sidewalk after service line replacement.

Permanent asphalt patching in the road.

Holes are temporarily backfilled with soil and left to settle.

Final seeding occurs in spring or fall after the initial patch.

QUESTIONS:

Robinson Engineering	708-505-5287
Five Star Energy	815-222-6612

For more information on this program, including FAQs, see: **www.gettheleadoutil.com**