Lead Service Line Replacement Plan

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0234804.05

Village of Peoria Heights, Illinois

April 2026

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1. INTRODUCTION

The Village of Peoria Heights, IL (Village), located largely in Peoria County, is submitting its third draft of the Lead Service Line Replacement (LSLR) Plan outlining the Village's approach to replacing all lead and galvanized service lines within the Village's service area. Replacement of lead and galvanized service lines is necessary to improve the health and safety of the Village's residents and is required by the Illinois Lead Service Line Replacement and Notification Act (the Act), codified as 415 ILCS 5/17.12. This act requires the submission of a draft LSLR Plan yearly on April 15 from 2024 through 2027 to the Illinois Environmental Protection Agency (IEPA). The final draft of the LSLR Plan is due April 15, 2027. Following the final submission, the Village will continue to submit an updated plan annually until all lead service lines (LSLs) are replaced. Illinois also regulates lead service line replacements and inventorying through the IL Administrative Code, Title 35 Part 611 (the Code). The Code references the newly published Lead and Copper Rule Improvements (LCRI) issued by the Federal Environmental Protection Agency, codified as 40 CFR Parts 141 and 142.

1.1 Background

The Village of Peoria Heights owns and operates a public, community water system that provides water to approximately 5,908 people. It operates under the Water System Name and Number: Peoria Heights, IL1434750. The system includes: the Water Treatment Plant, distribution system piping, five (5) wells, two (2) standpipe storage tanks, one (1) ground storage tank, and one (1) elevated storage tank.

1.1.1 Makeup of Customer Base

The current customer base consists of approximately 2,836 metered services. Of these users, the Village has identified 14 high-risk facilities that are detailed further in Section 2.2.1. They have one large consumer, Peoria Golf Course, consuming approximately 25,000 gallons per day seasonally. Since 2020, the Village has replaced approximately 153 lead service lines.

2. LEAD SERVICE LINE REPLACEMENT PLAN

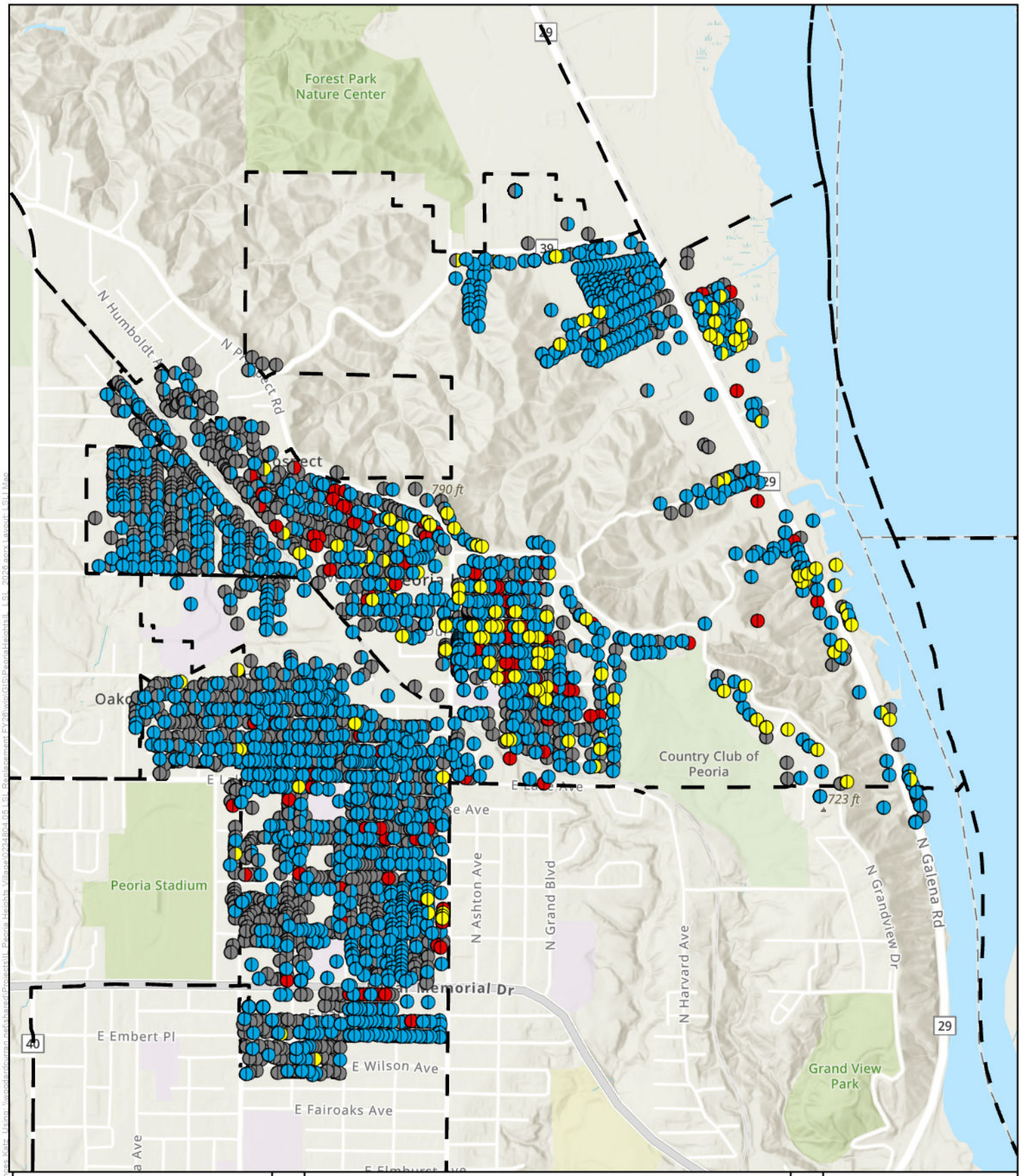
2.1 Existing Service Line Inventory

The Village has compiled a Lead Service Line Inventory (LSLI), to the best extent possible utilizing local construction records, historical knowledge, public outreach, and/or visual inspections. The material classification for both private and public sides of the service connection is quantified in Table 2-1 below. A high number of service lines of unknown material remain. These will be investigated via potholing and other approved methods as the Village continues the replacement of service lines. These numbers will continue to be updated as more information becomes available. Of the 2,836 service connections, the Village will be required to investigate, verify, and replace 1,368 total connections on both public and private sides for known lead, galvanized, and suspected lead services. **Figure 2-1** provides a map showing the current LSLI.

TABLE 2-1: SERVICE LINE MATERIAL CLASSIFICATION

Service Line Material	Private Side Quantity	Public Side Quantity
Copper	1,129	922
Plastic	308	264
Unknown, Not Lead	2	0
Cast / Ductile Iron or Transite	13	51
Total Not Requiring Replacement	**1,452**	**1,237**
Lead	131	109
Galvanized	139	86
Unknown	1,114	1,404
Total Requiring Replacement	**1,384**	**1,599**

FIGURE 2-1: CURRENT LEAD SERVICE LINE INVENTORY MAP



Lead Service Line Inventory

Peoria Heights, IL

0 0.02 0.04 0.09 Miles

Legend

- Census Tracts
- Unknown | Unknown
- Unknown | Lead
- Unknown | Non-Lead
- Unknown | Galvanized Requiring Replacement
- Lead | Lead
- Lead | Non-Lead
- Non-Lead | Unknown
- Non-Lead | Non-Lead
- Non-Lead | Galvanized Requiring Replacement
- Galvanized Requiring Replacement | Non-Lead
- Galvanized Requiring Replacement | Galvanized Requiring Replacement

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Project #: 0234804.01
Map Created: March 2026

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2.2 Long-term Plans and Goals

Based on the current stage of the LSLI, the Village has identified a long-term plan to replace all lead and galvanized service lines within the service area by 2037. The Village has a total of 1,621 remaining service lines requiring investigation and/or replacement. The Village plans to maximize the amount of service lines replaced in Fiscal Year (FY) 2026 and plans to replace approximately 275 service lines while funding is still available via the Public Water Supply Loan Program through the IEPA. Assuming this happens, the yearly replacement rate after FY 2026 will be approximately 123 service lines per year.

2.2.1 Prioritization of High-Risk Facilities

High-risk facilities are facilities that have the greatest risk associated with its occupants drinking lead-contaminated water due to known health risks; the greatest risk being to young children and pregnant women. High-risk facilities include preschools, day care centers, day care homes, group day care homes, parks, playgrounds, hospitals, and clinics, as well as any areas identified by the Village. These facilities will be prioritized when LSL inventory investigation and replacements begin. As part of the public outreach, the Village will ask any and all high-risk facilities, namely day care homes, to identify themselves and provide their address so that they can be added to the priority list.

The Village has identified the following 14 addresses as high-risk facilities. Only one facility (bolded) needs service line replacement.

- St. Thomas Community Center (1008 E Lake Ave)
- UnityPoint Clinic First Care – Peoria Heights (1120 E War Memorial Dr)
- Aperion Care (1629 E Gardner Ln)
- Peoria Christian Middle School (3725 N Monroe Ave)
- **Home Day Care (3923 N Atlantic Ave)**
- St. Thomas Catholic School (4229 N Monroe Ave)
- Springfield Clinic (4616 N Prospect Rd)
- Montessori School of Peoria (4906 N Prospect Rd)
- Peoria Heights Grade School (500 E Glen Ave)
- Peoria Heights High School (508 E Glen Ave)
- Galena Park Terrace (5533 N Galena Rd)
- Cadence Academy Preschool (702 E Lake Ave)
- St. Thomas Apostle Rectory (818 E Lake Ave)
- St. Thomas Apostle Catholic Church (904 E Lake Ave)

2.2.2 Year One Replacement Summary

Year one of the lead service line replacement efforts occurred in 2025, beginning in June and continuing through the end of the year. During this phase, the Village prioritized known lead or galvanized lines in the more disadvantaged of its two main census tracts as part of the Act's requirement and funding opportunities. There was a total of 186 addresses investigated and replaced as needed; details are provided below in **Table 2-2.**

TABLE 2-2: PHASE 1 INVESTIGATION & REPLACEMENT RESULTS

Service Line Material	Quantity
Inspected – replacement not required	49
Inspected – required private-side only or public-side only replacement	63
Inspected – required full replacement of private-side and public-side	74
Total Inspected & Replaced as Required	**186**

2.2.3 Year Two Replacement Plan and Schedule

Phase two, during FY 2026, plans to replace at least 275 service lines in the Village's more disadvantaged census tract, prioritizing service lines with known lead or galvanized material. In addition to these service lines, phase two also includes several service lines with unknown service line materials in areas that have previously had a high concentration of lead service lines. This includes areas of the disadvantaged census tract around War Memorial Drive, Lake Avenue, and Prospect Road. Following years one and two, the Village will have approximately 1,346 service lines left to replace. This means that, beginning in FY 2027, the Village will need to replace a minimum of 123 service lines per year. A map showing the service line locations to be replaced in phase two is included in Appendix A.

2.2.4 Year Three – Five Replacement Plan and Schedule

Phases three through five of the replacement plan will continue to focus on service lines in the Village's more disadvantaged census tract with unknown material classification. Areas that previously had high concentrations of known lead service lines will be prioritized during the investigation and replacement of unclassified service lines. Phase three will also replace lines along War Memorial Drive, a state road. During this time, it is possible a service line will be investigated and not be lead or galvanized and thus not require replacement. If this happens, another service line from the next phase will be added to the current list so the Village can reach its goal of 123 service line replacements per year. A map showing the regions for replacement for phases three through five and nine through 12 is shown in Appendix B.

2.2.5 Year Six – Ten Replacement Plan and Schedule

Phase six finishes replacement of unknown service lines in the primary census tract, then begins to replace the known lead and galvanized lines in the Village's second main census tract. Phase seven is planned to complete the replacements for any known lines within the secondary census tract and begin replacing unclassified lines near Route 29. Phase eight is planned to complete replacement of unknown service lines near Route 29 and begin replacement of unknown lines near the Country Club of Peoria. The maps containing phases six, seven, and eight of the replacement plan can be found in Appendices C, D, and E respectively.

Phases nine and ten will continue the investigation of service lines with unclassified materials in the Village's second main census tract. Similarly to phases two through five, areas with verified high concentrations of lead service lines will be prioritized during the investigation and replacement of unclassified service lines. During this time, it is possible a service line will be investigated and not contain lead or galvanized materials and thus not require replacement. If this happens, another service line from the next phase will be added to the current list so the Village can reach its goal of 123 service line replacements a year. A map depicting phases three through five and nine through 12 can be found in Appendix B.

2.2.6 Year 11 – 13 Replacement Plan and Schedule

Phases 11 and 12 will continue with the investigations and the replacement of unclassified service lines in the Village's second main census tract. During this time, it is possible a service line will be investigated and not be lead or galvanized and thus not require replacement. If this happens, another service line from the next phase will be added to the current list so the Village can reach its goal of 123 service line replacements a year. A map depicting Phases two through five and eight through 12 can be found in Appendix B.

Phase 13 will complete the investigation and replacement of service lines at LCRI sampling sites, unclassified service lines in the secondary census tract, and any addresses lying outside of the two primary census tracts. During this time, it is possible a service line will be investigated and not be lead or galvanized and thus not require replacement. A map of service lines to be replaced in Phase 13 can be found in Appendix F. As unknown service connections are investigated, it is likely that many will be a material not requiring replacement, thus reducing the total number of assumed lead lines. This could shorten the period of time needed to complete lead service line replacements within the Village's service area, potentially eliminating the need for at least Phase 13.

2.2.7 Anticipated Lead Service Line Locations

As discussed in the above sections, several service lines of unknown material remain on the Village's service line inventory. Investigations will be completed in unison with the replacement efforts. Service line replacements will first prioritize known lead or galvanized requiring replacement, followed by the unknown material service lines. These unknown lines will be sequenced for replacement based on the anticipated number of lead or galvanized lines in the area. This is determined by reviewing surrounding known service line materials and the dates of construction, if known.

2.3 Inventory Procedure

Lead status unknown lines will be investigated via visual inspection at the water meter or curb stop, and / or inside the home. Potholing will be used to inspect the material at the main, meter, or curb stop. In most cases, this inspection process will happen concurrently with the lead service line replacement construction process. Unknown lines that are identified as non-lead during investigation will be updated accordingly in the inventory and will not be replaced. If an unknown line is identified as lead or galvanized, it will be replaced during that phase of construction. The Village plans to primarily hire contractors to complete this work.

In the event that any lead gooseneck, pigtail, or connector is encountered during investigations or other water system infrastructure work, the Village will replace all portions of lead or galvanized on that service line.

2.4 Lead Service Line Replacement Procedure

Lead service lines will be replaced in full. No partial service line replacements will occur. This will be executed by following the procedure detailed below and summarized in **Figure 2-2**.

Customers will be notified at least 45 days in advance of replacement and provided with a Consent Form to be completed by the Customer to allow the replacement of the service line. Customers will then be notified again, 15 days in advance of the replacement detailing the work and its potential effects. The Village (or its Contractor) will confirm the appointment date with the Customer.

On the day of replacement, the Village or its Contractor will confirm the pipe material at two locations including: inside the home at the foundation wall, and the water meter or curb stop (extending two feet towards the main) to verify existing service line materials. If lead, galvanized, or unknown materials are found, the Village or Contractor will continue with the service line replacement.

For all public service replacements, a new corporation stop will be installed. For every service replacement with an existing curb stop, a new curb stop will be installed. The existing service will be replaced with new polyethylene piping in the same location as the existing service. The existing service is to be removed and disposed of.

The Village or Contractor will connect the new water service to the existing service or interior plumbing equipment 18 inches beyond the interior building foundation wall or to the first shut-off valve (whichever is shorter) and will install a new angle ball meter valve between the foundation wall and the connection to existing plumbing.

Following the replacement of a service line, the Customer will be provided with a flushing protocol, pitcher filter and replacement cartridges, and a notification that the Village will offer sampling at 3 to 6 months post-replacement.

At 3-months post replacement, the Village will send notice to customers offering access to post-replacement sampling kits to analyze for the presence of lead. The Village will provide sampling results to the Customer once received.

The 15-day notification letter, flushing protocol, pitcher filter notification, and sampling notification are included in Appendix G.

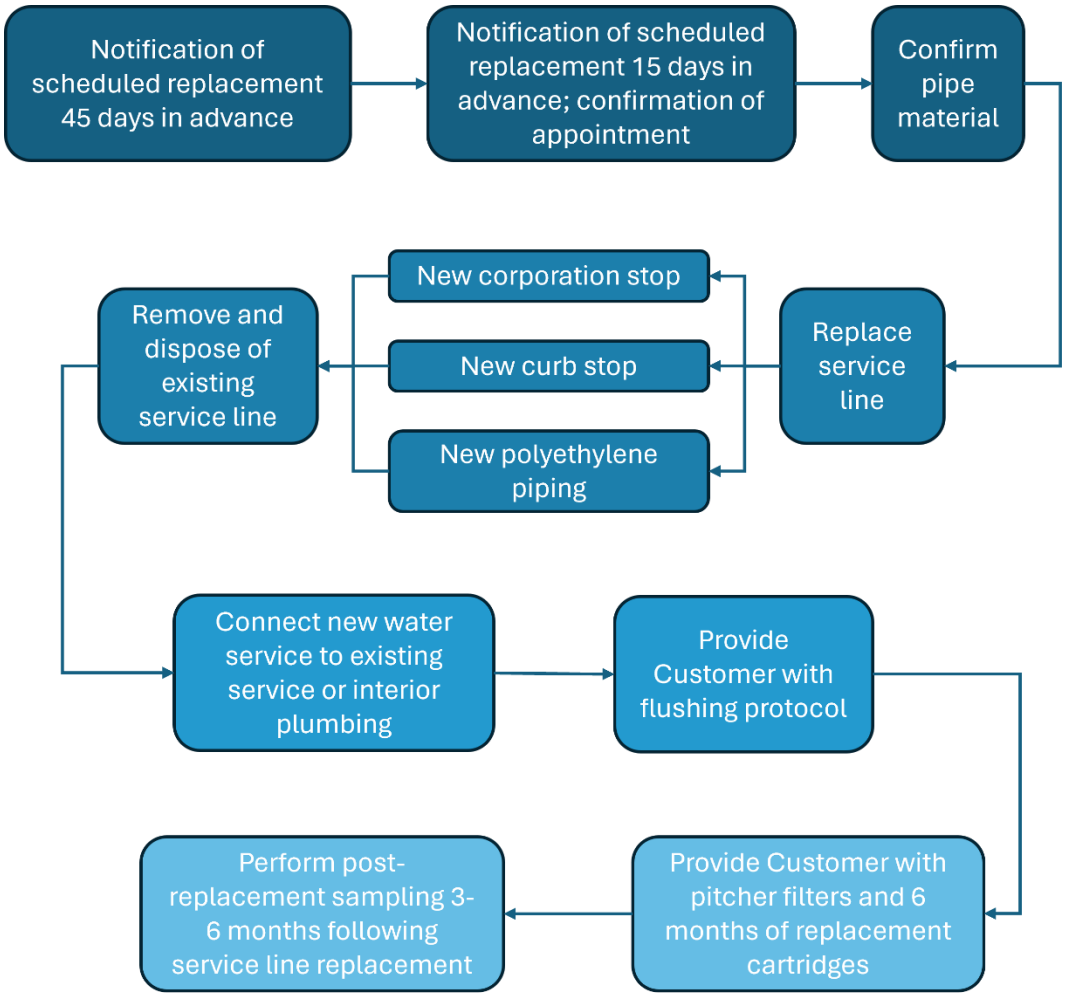


FIGURE 2-2: SERVICE LINE REPLACEMENT PROCEDURE

2.5 Public Outreach

The Village will publish this LSLR Plan along with the LSLI on the Village's website by April 15, 2026. The announcement will include information on a public comment period including how to comment, the deadline for comments, and the date of a Village council meeting where the comments will be addressed (date still to be determined by the Village). A similar informational advertisement will be published in the Village newspaper to notify citizens where to find the LSLR and LSLI online. Additionally, in the Fall / Winter of 2023-24, public outreach letters were mailed to all residents with service lines of unknown material requesting that they either self-classify their service line material (using the guide provided) or request for a member of the water department to investigate the line.

2.6 Good Faith Effort

In order to encourage diversity in hiring, the Village will make a good faith effort to hire contractors and vendors owned by minority persons, women, and persons with a disability for no less than 20% of the total contracts following Section 2 of the Business Enterprise for Minorities, Women, and Persons with Disabilities Act. This 20% of contracts is split among the groups as follows: 11% awarded to minority-owned businesses, 7% awarded to women-owned businesses, and 2% awarded to businesses owned by persons with a disability. Following subsection (n) of 415 ILCS 5/17.12, the Village will take the following steps to make a good faith effort.

1. When economically feasible, the Village will divide projects into contracts of smaller size to allow small business contractors and vendors to have the ability to qualify in the applicable bidding process.
2. The Village will solicit through reasonable and available means the interest of businesses that have the capability to perform the work of the contract with sufficient time to allow certified businesses to respond.
3. The Village will provide interested certified businesses with adequate information about the plans, specifications, and requirements of the contract, including addenda, in a timely manner to assist them in responding to the solicitation.
4. The Village will meet in good faith with interested certified businesses that have submitted bids.
5. The Village will effectively use the services of the State, minority or women community organizations, minority or women contractor groups, local, State, and federal minority or women business assistance offices, and other organizations to provide assistance in the recruitment and placement of the certified businesses.
6. The Village will make efforts to use the appropriate forums for purposes of advertising subcontracting opportunities suitable for certified businesses.

3. COSTS & FINANCING

3.1 Cost Estimates

Table 3-1 below shows a detailed construction cost estimate for service line replacements within the Village for Fiscal Year (FY) 2027. In FY 2027, the total construction costs are anticipated to be **$1,668,535.00** since the Village is planning to replace 123 lines, funding dependent.

TABLE 3-1: FY 2027 CONSTRUCTION COST ESTIMATE (123 SERVICE LINE REPLACEMENTS)

VILLAGE OF PEORIA HEIGHTS, IL - LSLR					
ENGINEER'S COST ESTIMATE					
Bid Item	Description	Quantity	Unit Price	Unit	Total Price
1	Exploratory Excavation	10	$1,150.00	EA	$11,500
2	Inspection Pits in Unpaved Areas	123	$1,150.00	EA	$141,450
3	Inspection Pits in Paved Areas	123	$2,470.00	EA	$303,810
4	Water Service Replacement - Property Line to Building Interior (Private Side)	123	$3,350.00	EA	$412,050
5	Long Water Service Replacement - Water Main to Property Line (Public Side)	62	$4,900.00	EA	$303,800
6	Short Water Service Replacement - Water Main to Property Line (Public Side)	61	$4,000.00	EA	$244,000
7	Water Service Piping Beyond 100ft	1	$ 60.00	LF	$60
8	3/4-inch Curb Stop and Box	115	$ 730.00	EA	$83,950
9	1-inch Curb Stop and Box	1	$ 860.00	EA	$860
10	1-1/2-inch Curb Stop and Box	1	$1,675.00	EA	$1,675
11	2-inch Curb Stop and Box	1	$2,195.00	EA	$2,195
12	18-inch Meter Pit, Setter, and Temporary Bypass	5	$2,300.00	EA	$11,500
	Subtotal				$1,516,850
	Contingency		10%		$151,685
TOTAL BASE BID CONSTRUCTION COST ESTIMATE					$1,668,535

Table 3-2 provides the anticipated FY 2027 total project cost, including design and construction engineering and other professional services.

TABLE 3-2: TOTAL FY 2027 PROJECT COST ESTIMATE

FY 2027 Total Project Cost Estimate Table		
1	Design Engineering (including planning and form preparation):	$125,200
2	Construction Engineering (including bidding):	$108,500
3	Other Professional Services (separate legal, loan admin, etc.):	$0
4	Construction:	$1,516,850
5	Contingency (at 10% of estimated construction costs):	$151,685
6	**Total Estimated Project Costs:**	**$1,902,235**

A cost escalation table for the next four years is provided in **Table 3-3**. This shows the total project cost from **Table 3-2** escalated by 4% each year.

TABLE 3-3: FOUR-YEAR COST ESCALATION

Cost Escalation (Assumed 4% per Year)	
Year	**Cost**
Total Estimated Project Costs (FY 2028)	$1,978,400
Total Estimated Project Costs (FY 2029)	$2,057,600
Total Estimated Project Costs (FY 2030)	$2,140,000
Total Estimated Project Costs (FY 2031)	$2,225,600

3.2 Customer Affordability

TABLE 3-4: CURRENT WATER RATES

Residential		
Water Charges	Rate*	Minimum Charge
First 6,000 gallons	$ 15.44	$ 92.63
Next 4,000 gallons	$ 8.45	
Next 20,000 gallons	$ 5.76	
Next 10,000 gallons	$ 2.66	
Next 10,000 gallons	$ 2.52	
Over 50,000 gallons	$ 2.29	
*All rates are per 1,000 gallons		

Village water usage is billed monthly to businesses and quarterly to residents. The average water bill per residential customer is $143.92 per quarter, based on average quarterly water consumption of 10,433 gallons. In addition to the above water charges, the water bill includes $15 per quarter for an infrastructure maintenance fee.

Median Household Income (MHI) in Peoria Heights is $60,099, per U.S. Census American Community Survey 2020-2024 estimates. Peoria Heights ratepayers currently pay an average of $575.68 per year for water service. The average water charge is currently 0.96% of MHI.

3.3 Payment Structure Options

The cost of replacing service lines in the Village is estimated at $1,902,000 (in 2026 dollars) for the remaining years. Replacements are expected to take place over the next eleven (11) years. Three options were considered:

Option 1 – Financing all costs using state LSLR loan

The state of Illinois offers a 30-year loan @ 0% interest for lead service line replacements. If the Village can take advantage of this program, they would borrow $25.7 million over the next 11 years. By 2037, annual debt service payments would be $855,035/year. These payments would continue through 2057, and then steadily decrease (as debt is amortized and retired) until they end in 2067.

There are currently around 2,836 service connections to the water system. Based on recent census data, the population in the Village is decreasing by 0.403% per year. If this trend continues, the number of connections will decrease to 2,535 by 2053. Therefore, in 2053 the debt service cost will be $337.29/connection ($855,035/2,535 users). Total water costs per ratepayer would equal $912.97 ($575.68 current costs + $337.29 in new debt service costs). This projected bill is 1.52% of MHI.

Option 2 – Paying cash for all LSLR

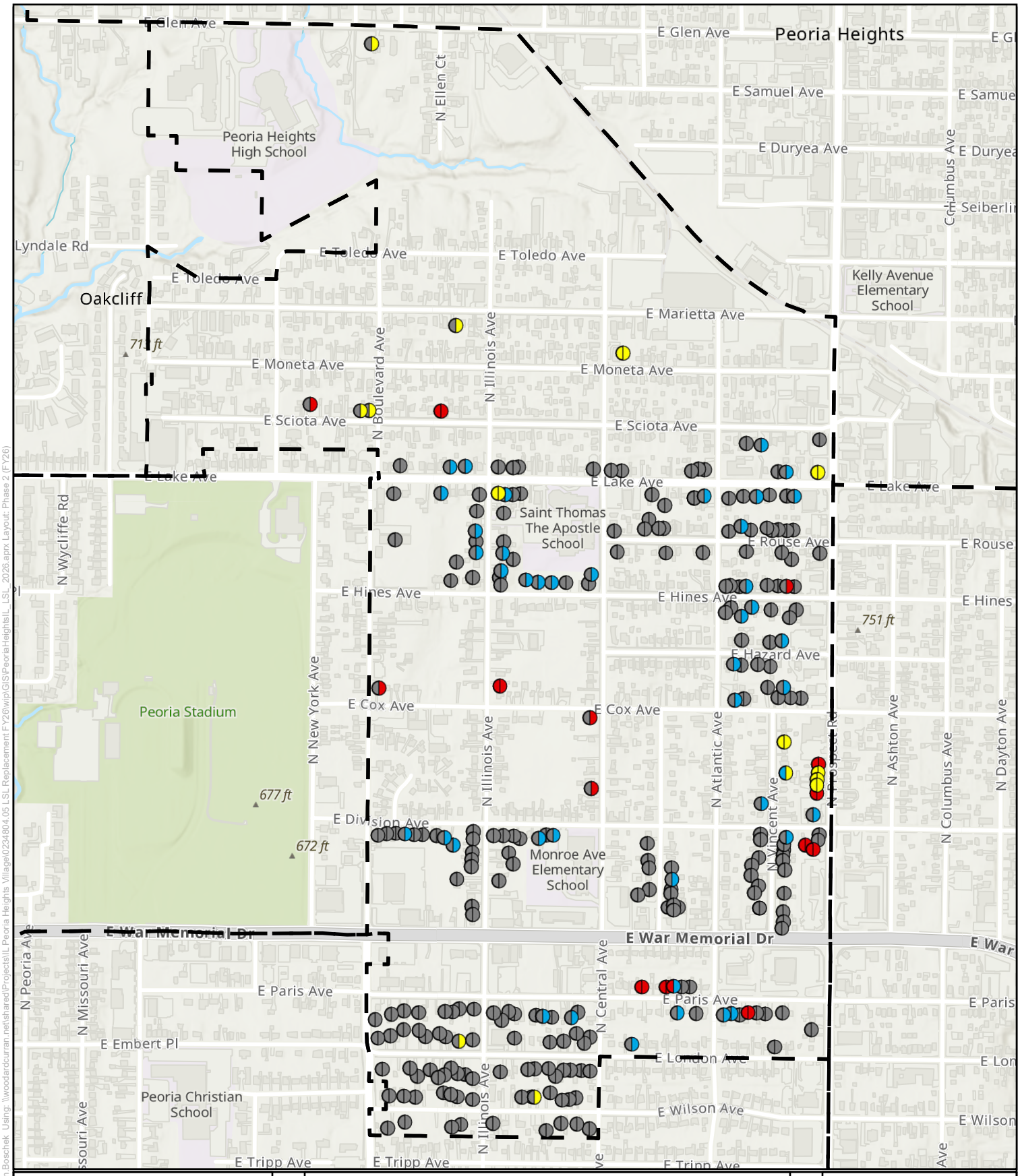
The cash option would have utility users pay cash for all service line replacements in the year the work is done, without any borrowing. The cost of all the work is projected to be $25.7 million from 2026 to 2037. The costs per water connection run from $663.70/user (2026) to $1,022.92/user (2037). When these LSLR costs are added to the existing water bills, the average bill will increase to $1,598.60 by 2037. This is 2.66% of current MHI. This option has a larger impact on user bills for the next 11 years, but there is no long-term debt service. All work would be fully paid for when it is completed in 2037.

Option 3 – Financing all costs using state LSLR loan, with 49% principal forgiveness

The state of Illinois offers a 30-year loan at 0% interest for Lead service line replacements. Principal forgiveness is also available to disadvantaged communities. If the village can qualify for this program with 49% principal forgiveness, they would borrow $13.1 million over the next 11 years. By 2037, annual debt service payments would be $436,068/year. These payments would continue through 2054, and then steadily decrease until they end in 2066.

There are currently 2,836 service connections to the water system. This number is projected to decrease to 2,535 by 2053. Therefore, in 2053 the debt service cost will be $172.02/connection ($436,068/2,535 users). Total billed water per user would equal $747.70 ($75.68 current costs + $172.02 in new debt service costs). This projected bill is 1.24% of MHI.

APPENDIX A: LEAD SERVICE LINE INVENTORY MAP – PHASE 2 REPLACEMENTS



Lead Service Line Replacement

Phase 2 - Primary Replacement Addresses

Peoria Heights, IL

0 0.02 0.04 0.09 Miles

Legend

Census Tracts

Utility Status,Customer Status

- Unknown,Unknown
- Unknown,Lead
- Unknown,Non-Lead
- Unknown,Galvanized Requiring Replacement
- Lead,Lead
- Lead,Non-Lead
- Non-Lead,Galvanized Requiring Replacement
- Galvanized Requiring Replacement,Galvanized Requiring Replacement

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Project #: 0234804.05

Map Created: January 2026

Figure Exported: 1/2/2026 By: John.Boschek Using: \\woodardcurran.net\shared\Projects\IL Peoria Heights Village\0234804.05 LSL Replacement FY26\wip\GIS\PeoriaHeightsIL_LSL_2026.aprx Layout: Phase 2 (FY26)

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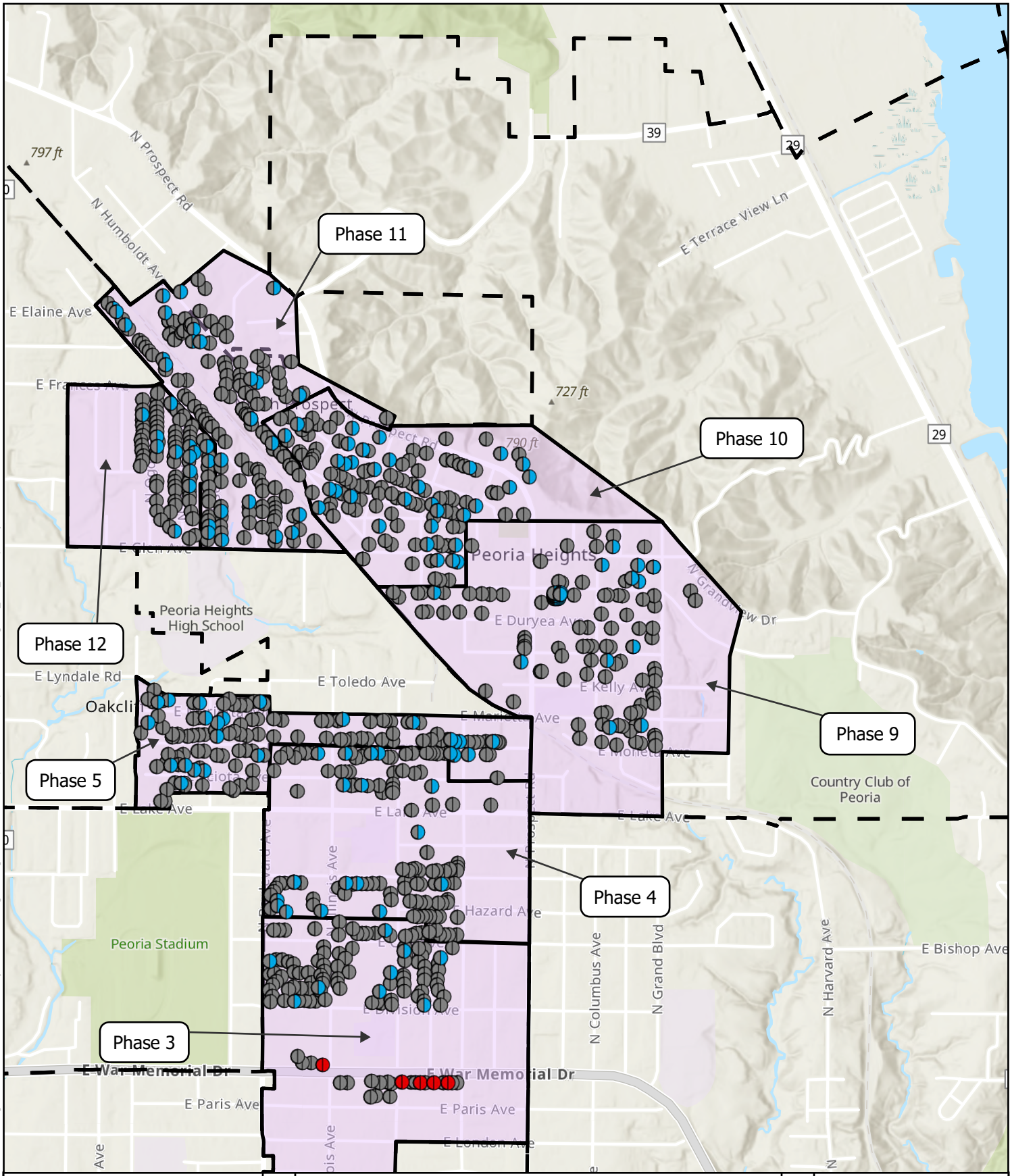
APPENDIX B: LEAD SERVICE LINE INVENTORY MAP – PHASES 3-5 AND PHASES 9-12 REPLACEMENTS



Lead Service Line Replacement

Phases 3-5 and 9-12

Peoria Heights, IL

0 0.05 0.1 0.2 Miles

Legend

- Unknown | Unknown
- Unknown | Lead
- Unknown | Non-Lead
- Unknown | Galvanized Requiring Replacement
- Lead | Lead
- Lead | Non-Lead
- Non-Lead | Unknown
- Census Tracts
- Phase Polygons

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Project #: 0234804.05
Map Created: January 2026

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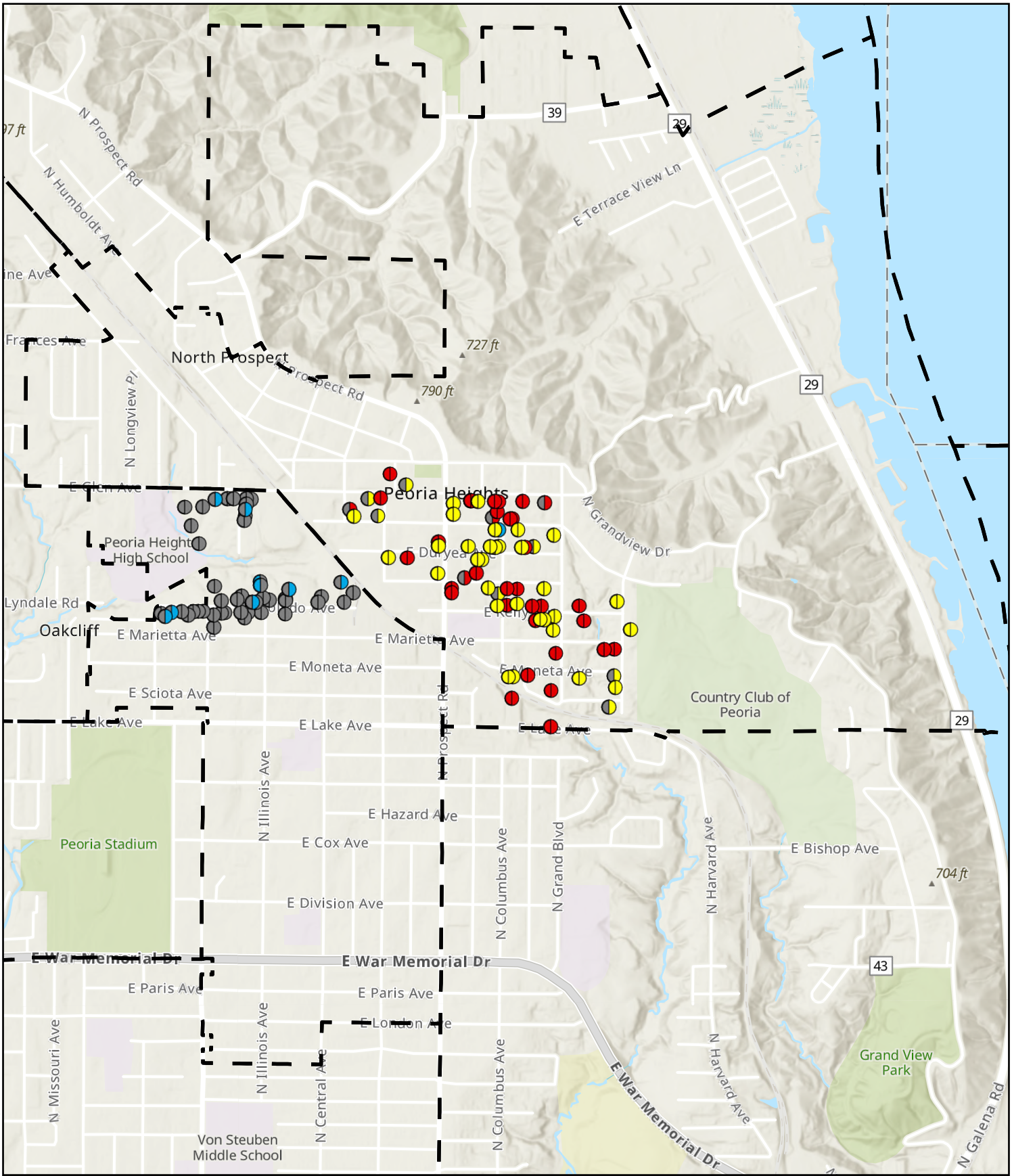
Figure Exported: 1/2/2026 By: John.Boschek Using: \\woodardcurran.net\shared\Projects\IL Peoria Heights Village\0234804.05 LSL Replacement FY26\wip\GIS\PeoriaHeightsIL_LSL_2026.aprx Layout: Phases 3-5 and 9-12

APPENDIX C: LEAD SERVICE LINE INVENTORY MAP – PHASE 6 REPLACEMENTS



Lead Service Line Replacement

Phase 6

Peoria Heights, IL

Legend

- Unknown | Unknown
- Unknown | Lead
- Unknown | Non-Lead
- Unknown | Galvanized Requiring Replacement
- Lead | Lead
- Lead | Non-Lead
- Non-Lead | Unknown
- Non-Lead | Galvanized Requiring Replacement
- Galvanized Requiring Replacement | Non-Lead
- Galvanized Requiring Replacement | Galvanized Requiring Replacement

0 0.07 0.15 0.3 Miles

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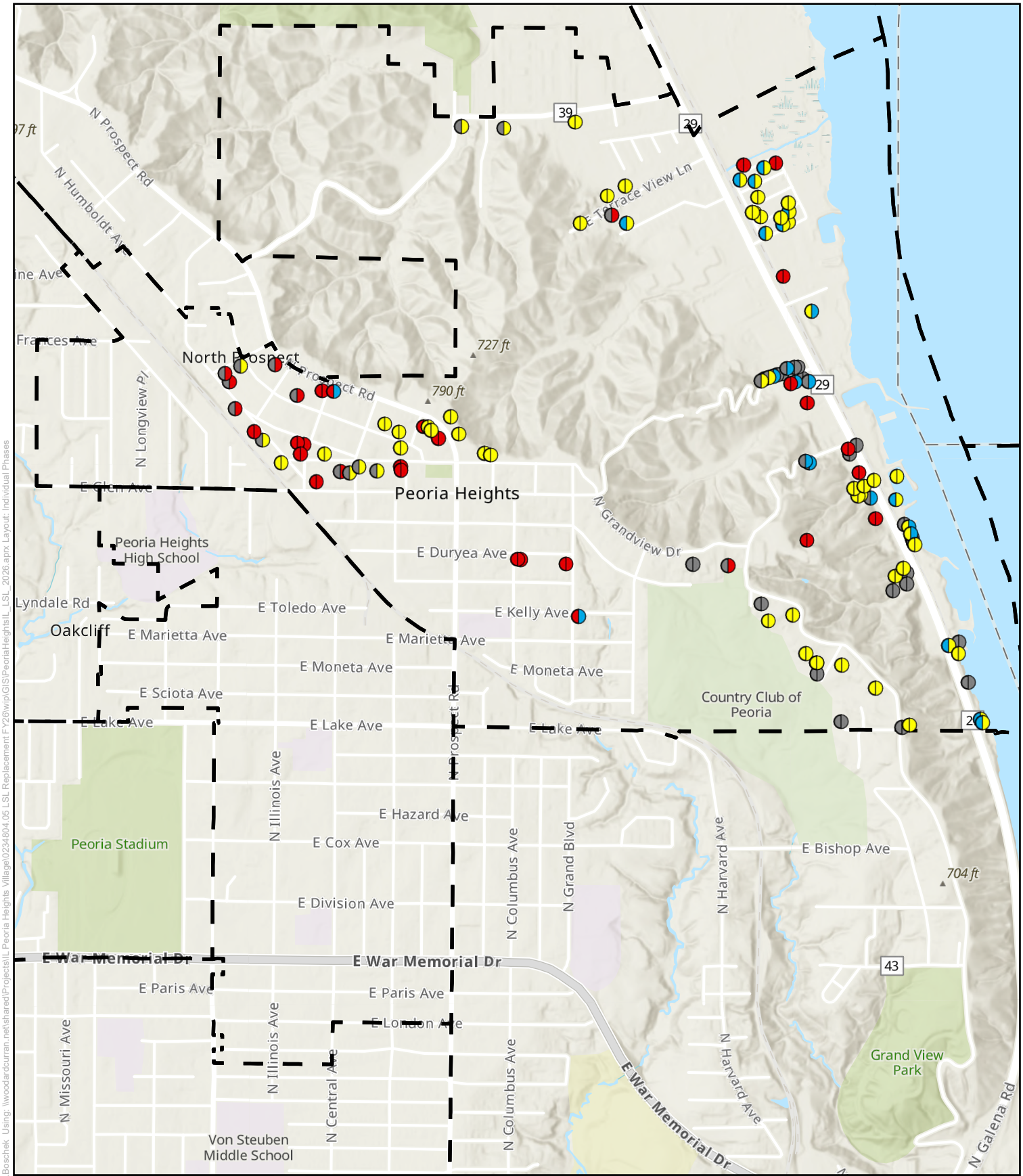
Any reliance upon the map or data contained herein shall be at the users' sole risk. **Data Sources:**

APPENDIX D: LEAD SERVICE LINE INVENTORY MAP – PHASE 7 REPLACEMENTS



Lead Service Line Replacement

Phase 7

Peoria Heights, IL

Legend

- Unknown | Unknown
- Unknown | Lead
- Unknown | Non-Lead
- Unknown | Galvanized Requiring Replacement
- Lead | Lead
- Lead | Non-Lead
- Non-Lead | Unknown
- Non-Lead | Galvanized Requiring Replacement
- Galvanized Requiring Replacement | Non-Lead
- Galvanized Requiring Replacement | Galvanized Requiring Replacement

0 0.07 0.15 0.3 Miles

N

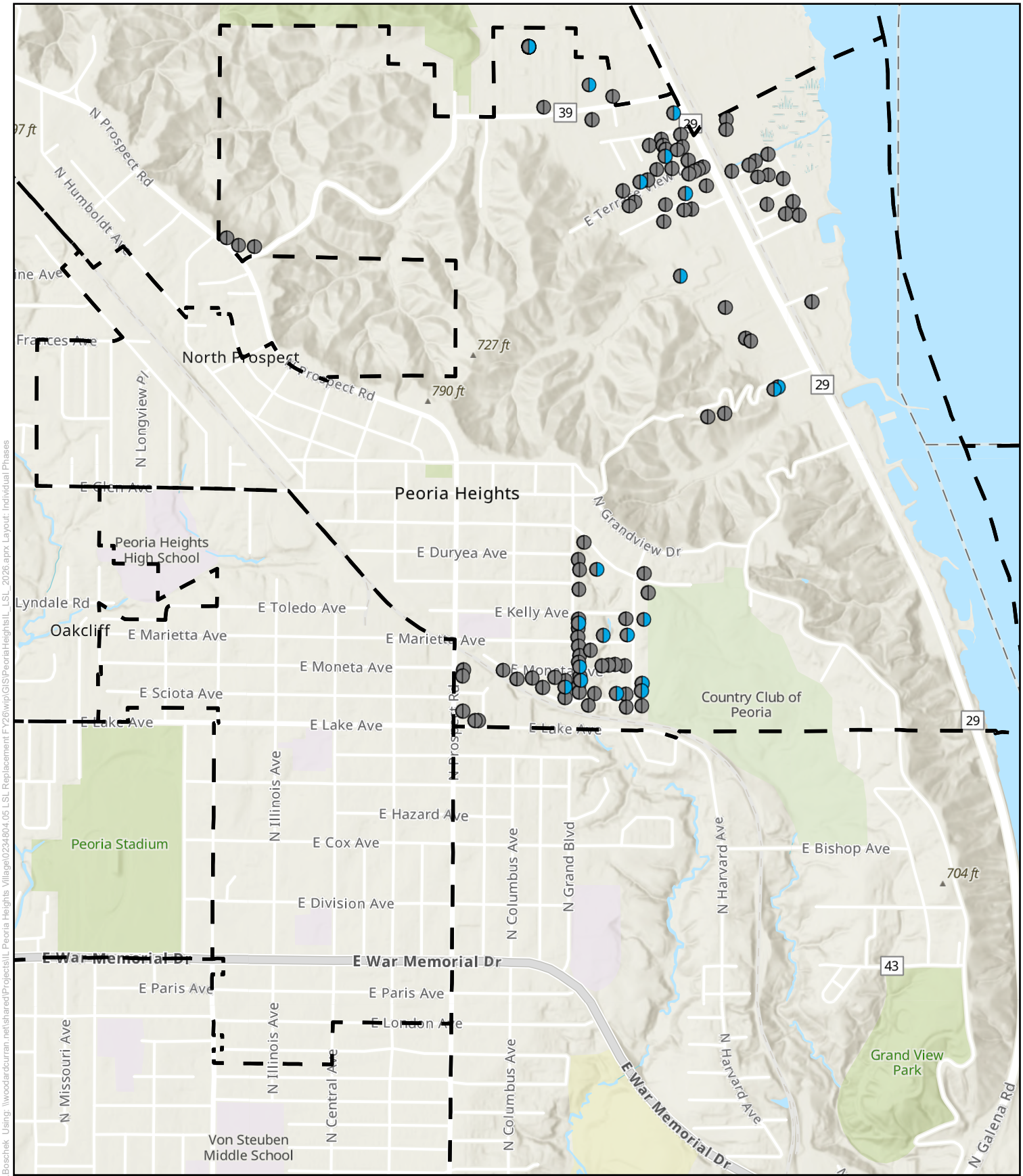
Woodard & Curran

Project #: 0234804.05
Map Created: January 2026

Figure Exported: 1/2/2026 By: John.Boschek Using: \\woodardcurran.net\shared\Projects\IL Peoria Heights Village\0234804.05 LSL Replacement FY26\wip\GIS\PeoriaHeightsIL_LSL_2026.aprx Layout: Individual Phases

Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions.
Any reliance upon the map or data contained herein shall be at the users' sole risk. **Data Sources:**

APPENDIX E: LEAD SERVICE LINE INVENTORY MAP – PHASE 8 REPLACEMENTS



Lead Service Line Replacement

Phase 8

Peoria Heights, IL

Legend

- Unknown | Unknown
- Unknown | Lead
- Unknown | Non-Lead
- Unknown | Galvanized Requiring Replacement
- Lead | Lead
- Lead | Non-Lead
- Non-Lead | Unknown
- Non-Lead | Galvanized Requiring Replacement
- Galvanized Requiring Replacement | Non-Lead
- Galvanized Requiring Replacement | Galvanized Requiring Replacement

0 0.07 0.15 0.3 Miles

N

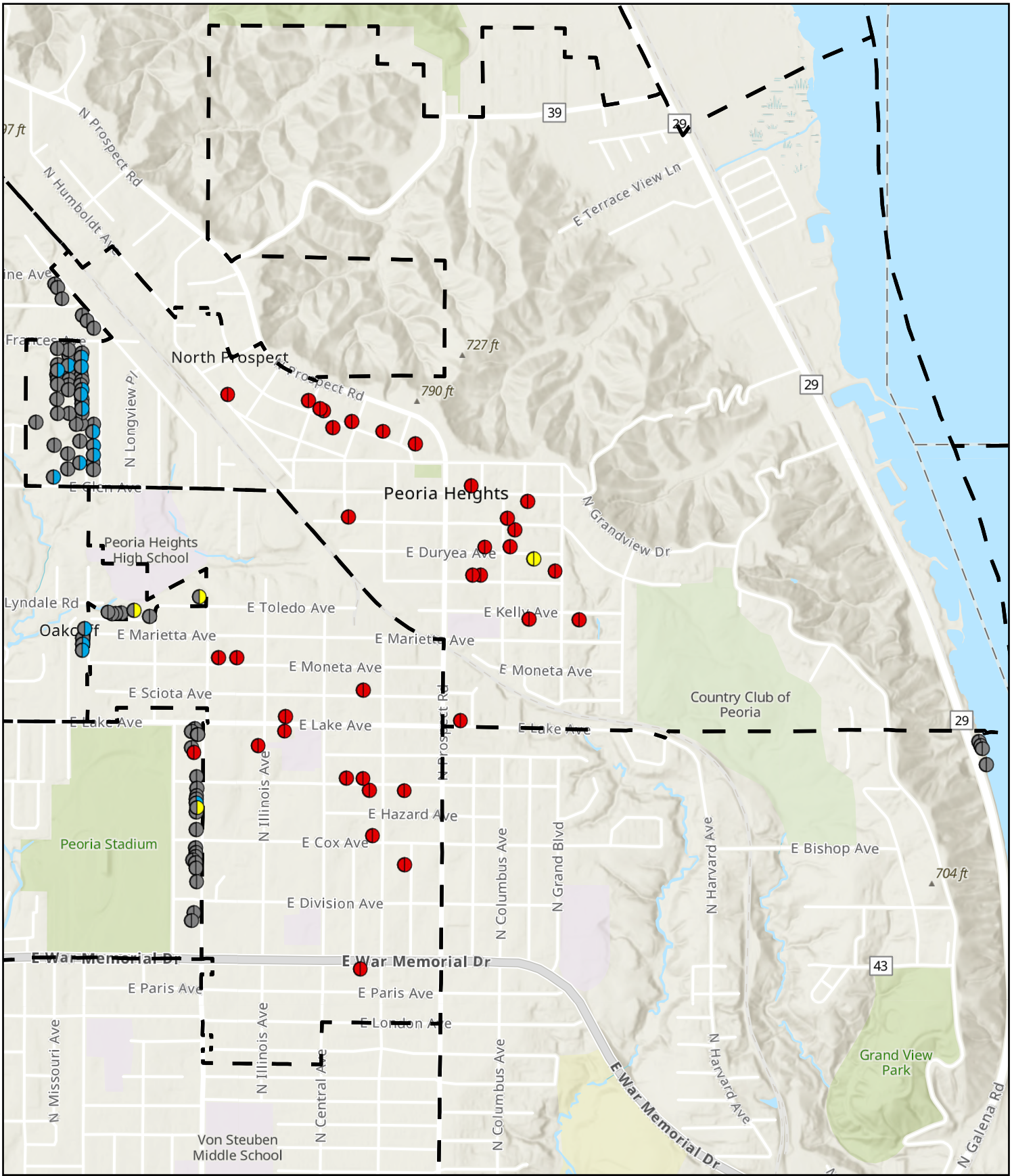
Woodard & Curran

Project #: 0234804.05
Map Created: January 2026

Figure Exported: 1/2/2026 By: John.Boschek Using: \\woodardcurran.net\shared\Projects\IL Peoria Heights Village\0234804.05 LSL Replacement FY26\wip\GIS\PeoriaHeightsIL_LSL_2026.aprx Layout: Individual Phases

Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions.
Any reliance upon the map or data contained herein shall be at the users' sole risk. **Data Sources:**

APPENDIX F: LEAD SERVICE LINE INVENTORY MAP – PHASE 13 REPLACEMENTS



Lead Service Line Replacement

Phase 13

Peoria Heights, IL

Legend

- Unknown | Unknown
- Unknown | Lead
- Unknown | Non-Lead
- Unknown | Galvanized Requiring Replacement
- Lead | Lead
- Lead | Non-Lead
- Non-Lead | Unknown
- Non-Lead | Galvanized Requiring Replacement
- Galvanized Requiring Replacement | Non-Lead
- Galvanized Requiring Replacement | Galvanized Requiring Replacement

0 0.07 0.15 0.3 Miles

N

Woodard & Curran

Project #: 0234804.05
Map Created: January 2026

Figure Exported: 1/2/2026 By: John.Boschek Using: \\woodardcurran.net\shared\Projects\IL Peoria Heights Village\0234804.05 LSL Replacement FY26\wip\GIS\PeoriaHeightsIL_LSL_2026.aprx Layout: Individual Phases

Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions.
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APPENDIX G: LEAD SERVICE LINE REPLACEMENT SUPPORTING DOCUMENTS

Drinking Water Lead Service Replacement

NOTICE

This notice contains important information about your drinking water. Have someone translate it for you or speak with someone who understands it.

Este aviso contiene información importante sobre su agua potable. Pídele a alguien que te lo traduzca o habla con alguien que lo entienda.

Dear Water Customer,

As part of the Lead and Copper Rule Improvements (40CFR Parts 141 and 142, October 2024) water systems are required to document all water service materials in their system and identify any lead or lead containing materials that may be in the system.

The Village of Peoria Heights (Village) is continuing the lead service line replacement program. As part of this program, we are investigating all services and notifying customers if and when a lead service line is encountered. Ownership of the service line varies by water system, but in Peoria Heights, the service line from the water main to the meter / curb stop is the responsibility of the Village and from the meter / curb stop into the building is the responsibility of the property owner. In accordance with the Lead and Copper Rule Revisions, the entire service line – all materials containing lead – must be replaced.

Our most recent service line inventory indicates that some or all of the water service materials between the water main and your property may contain lead. The Village will be conducting a series of construction contracts focused on replacing lead service lines (if present) at various locations throughout the Village both within the roadway and on private property.

The Village has committed to a lead service line removal and replacement program that has no cost to individual residents for the Village's contractor to replace a lead service line as required by the Illinois Environmental Protection Agency (IEPA). Funding sources for this work could vary by phase of the replacement program but will generally be sources from the IEPA Public Water Supply Loan Program State Revolving Fund.

This work will require your consent, as well as access to the water service connection in your basement. Prior to your service line replacement, the Village's contractor will provide a property access consent form for your signature and schedule a time for the replacement. Additional information pertaining to lead service lines including procedures for checking whether your home has a lead water service can be found at the resources provided.

SCAN ME

Peoria Heights Lead Service Line Replacement Program

https://www.peoriaheights.org/waterdepartment

SCAN ME

USEPA Protect Your Tap Tool

https://www.epa.gov/ground-water-and-drinking-water/protect-your-tap-quick-check-lead

Drinking Water Lead Service Replacement

CONSENT FORM

☐ **Yes, I will allow** the Water Department Staff and its Contractors to investigate, document and replace my water service, and I understand the following:

- Work will entail excavation on my property along with access to my water service line where it enters the dwelling near the water meter.
- Restoration on my property will be limited to topsoil, seed, and exterior pavement. Neither the Village nor its Contractor shall be responsible for restoration or repair of any interior finishes damaged during replacement including, but not limited to drywall, paint, and flooring. Every effort will be made by the Village and its Contractors to limit disturbance to private property.
- With this replacement, the Village does not assume ownership of this water service line.
- This Village's Contractor will contact me with the proposed replacement date.
- Work could involve the removal and reattachment of the ground / bonding jumper that may be present on the existing water service.
- I understand, acknowledge, and agree that pursuant to 415 ILCS 17.12(l)(l), by allowing the Village of Peoria Heights and its contractors to install and replace my lead service line, to the extent permitted by law, I am agreeing to hold the Village of Peoria Heights harmless for all damage to property when installing or replacing the lead service line.

☐ **No, I will not allow** the Water Department Staff and its Contractors to investigate, document, and replace my water service.

Print Name: _____

Cell Phone: _____

Email Address: _____

Property Physical Address: _____

Owner Address (if different): _____

Water Service Account Number (if known): _____

Signature: _____

Date: _____

Lead Service Line Replacement Program

REPLACEMENT GUIDE

Replacement Contractor: _____ Scheduled Replacement Date: _____

This notice contains important information about your drinking water. Have someone translate it for you or speak with someone who understands it.

Este aviso contiene información importante sobre su agua potable. Pídele a alguien que te lo traduzca o habla con alguien que lo entienda.

Dear Water Customer,

You are receiving this notice because the lead water service line to your home, property, or business is in the process of being fully replaced. The Village of Peoria Heights (Village) has committed to a lead service line removal and replacement program that has no cost to individual residents for the Village's contractor to replace a lead service line as required by the Illinois Environmental Protection Agency (IEPA). Please follow the procedures as described below to ensure proper replacement.

Pre-Replacement (Approx. 1 day prior to replacement)

- Locate where your water service line enters your home (typically located in the basement at the foundation wall facing the road) and remove all personal items within a 10-foot radius.
- Remove obstructions from your front yard. Examples include trash cans, yard waste, garden decorations, etc.
- Prepare to be without water the following day for at least 4 hours.

During Replacement

- Plan to have at least on representative home during the replacement. This is needed because the contractor performing the replacement will need access to your basement throughout the installation.

Immediately After Replacement

- Your new service will be flushed by the replacement contractor at an outside spigot, but you will also need to flush your interior plumbing. Please use the following steps to ensure proper flushing of interior plumbing.

  1) Turn off or bypass any water softener or filtration system.
  2) Remove all aerators or screens, including shower heads from all faucets and clean debris with vinegar solution if necessary.
  3) Do not use any hot water.
  4) Turn on cold-water faucets in the basement (or lowest floor), including laundry tubs, hose-bibs, bathtubs, and showers. Leave all faucets running at the highest rate that the drain will allow, using only cold water.

Continued on reverse →

5) After all faucets are open on the lowest floor, open the faucets on the next highest floor of the house. Continue until faucets are open on all floors.
6) Record the order in which the faucets were turned on.
7) Leave water running for at least 30 minutes.
8) Turn off the faucets in the same order they were turned on and reattach aerators / screens.

After Day of Replacement

- Residential Customers: Utilize the provided lead removal pitcher and filter including 6-month supply of filter replacement cartridges.

Health Effects of Lead

Exposure to lead in drinking water may cause serious health effects in all age groups. Infants and children may have decreases in IQ and attention span. Lead exposure may lead to new learning and behavior problems or exacerbate existing learning and behavior problems. The children of women who are exposed to lead before or during pregnancy may have increased risk of these adverse health effects. Adults may have increased risks of heart disease, high blood pressure, kidney or nervous system problems. The replacement of your lead service line will mitigate these risks.

Lead Service Line Replacement Program

FILTER NOTICE

This notice contains important information about your drinking water. Have someone translate it for you or speak with someone who understands it.

Este aviso contiene información importante sobre su agua potable. Pídele a alguien que te lo traduzca o habla con alguien que lo entienda.

Dear Water Customer,

You are receiving this notice because the lead water service line to your property is in the process of being replaced. The Village of Peoria Heights (Village) has committed to a lead service line removal and replacement program that has no cost to individual residents for the Village's contractor to replace a lead service line as required by the Illinois Environmental Protection Agency (IEPA). The Village is supplying you with a National Sanitation Foundation certified lead removal pitcher and filter, including a supply of filter replacement cartridges estimated to last for 6 months.

You should begin using your pitcher and filter for all water consumption immediately **after** your lead service line is replaced. This precautionary measure is intended to mitigate any potential, temporary lead concentration in your drinking water following your lead service line replacement. Please follow the instructions below as well as the manufacturer's instructions for proper flushing and filter cartridge removal and replacement, to ensure proper use and removal of lead.

LEAD REMOVAL PITCHER AND FILTER INSTRUCTIONS:

1) Use this pitcher filter for all water that you consume for drinking, cooking, and making baby formula for 6 months following your lead service line replacement.
2) Each time you fill the pitcher, fill it with cold fresh tap water after allowing the water to run for at least 5 minutes.
3) Follow the manufacturer's instructions for filters.
4) Clean faucet aerators / screens every 3 to 4 weeks.

SCAN ME

Peoria Heights Lead Service Line Replacement Program
https://www.peoriaheights.org/waterdepartment

SCAN ME

USEPA Protect Your Tap Tool
https://www.epa.gov/ground-water-and-drinking-water/protect-your-tap-quick-check-lead

CUSTOMER FLUSHING AFTER LEAD SERVICE LINE REPLACEMENT

The replacement of lead service lines may temporarily increase lead concentrations in drinking water due to the release of metal from scale on pipes in the home that have not been replaced. The lead concentration should decrease after time. The contractor has flushed the new service line to your home. It is strongly recommended that the interior plumbing also be flushed now that that the new service line is installed. See the flushing procedure below that is recommended by the American Water Works Association.

INSTRUCTIONS FOR CUSTOMER FLUSHING OF INTERIOR PLUMBING

1. Find all the faucets that will drain, including the basement and all floors in your house.

2. Remove aerators and screens whenever possible, including the shower heads, from all faucets you plan to flush.

3. Include the laundry tubs, hose-bibs, bathtubs, and showers as flushing points.

4. After all the aerators are off, open the faucets in the basement or lowest floor in the house. Leave all faucets running at highest rate possible, using cold water.

5. After the faucets are all open in lowest floor, open the faucets on next highest floor of the house. Continue until faucets are open on all floors.

6. After all faucets are opened, leave the water running for at least 30 minutes.

7. After 30 minutes, turn off the first faucet you opened and continue to turn off other faucets in the same order you turned them on.

8. Clean aerators/screens at each faucet. You may need to replace screens/aerators if too old or worn.

WATER TESTING FOLLOWING REPLACEMENT

Approximately one month after service line replacement, collection of a sample for lead testing is recommended. The sample should be a first-draw sample after water has not been used for at least 6 hours. The sample must be collected from a tap used frequently inside the home, preferably from the kitchen. Collect the sample with the aerator on, at maximum flow, and in a wide-mouth sample bottle.

As a precaution, until the sample is collected and analyzed, the customer should do a mini-flush of premise plumbing by running tap water each morning or when the water sits in the pipe for at least 6 hours. Flush for 5 minutes to displace water that has been sitting in the pipes inside the house and in the service line. This could include taking a shower, running the dishwasher, flushing a toilet, collecting water for plants/garden, or running the faucet. The customer should do this before using any water for drinking, cooking, infant formula, and so on. Daily mini-flushes should continue for six months or until lead sample results show the lead level is below the regulatory guideline. The customer should clean debris from aerators and screens once a month for six months. After six months, clean debris twice a year.

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