



Illinois Environmental Protection Agency

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Lead Service Line Replacement Plan Checklist

PWS ID No.: IL0310960

Name: Franklin Park

Lead Service Line Replacement Plan Self-Assessment

This section should be completed after your plan has been developed to ensure it meets all sections required by Section 17.12 of the Environmental Protection Act.

Please certify the inclusion of each lead service line replacement requirement and note the location in the appropriate box. Failure to include any required information in the lead service line replacement plan will result in the plan be rejected.

Initials	Location (e.g. Pg. 3 Para. 6)	Please initial each box to confirm that that required section is included in the plan and include the page number and paragraph number for where that information can be found in the plan.	Citation
MW	pg1, title	The name and identification number of the community water supply.	415 ILCS 5/17.12 (q)(1)
MW	pg2, Sec 2.0	The number of service lines connected to the distribution system of the community water supply.	415 ILCS 5/17.12 (q)(2)
MW	pg2, Sec 2.0	The total number and location of suspected lead service lines connected to the distribution system of the community water supply.	415 ILCS 5/17.12 (q)(3)
MW	pg2, Sec 2.0	The total number and location of known lead service lines connected to the distribution system of the community water supply.	415 ILCS 5/17.12 (q)(4)
MW	pg2, Sec 2.0	The total number and locations of lead service lines connected to the distribution system of the community water supply that have been replaced since 2020.	415 ILCS 5/17.12 (q)(5)
MW	pg3, Sec 3.0	A proposed lead service line replacement schedule that includes one-year, 5-year, 10-year, 15-year, 20-year, 25-year, 30-year goals.	415 ILCS 5/17.12 (q)(6)
MW	pg3-4, Sec 3.0 & 3.2	An analysis of costs and financing options for replacing the lead service lines connected to the community water supply's distribution system.	415 ILCS 5/17.12 (q)(7)
MW	pg4, Sec 3.1	A detailed accounting of costs associated with replacing lead service lines and galvanized lines requiring replacement.	415 ILCS 5/17.12 (q)(7)(A)
MW	pg4, Sec 3.3	Measures to address affordability and prevent service shut-offs for customers or ratepayers.	415 ILCS 5/17.12 (q)(7)(B)
MW	pg5, Sec 3.3	Consideration of different scenarios for structuring payments between the utility and its customers over time.	415 ILCS 5/17.12 (q)(7)(C)
MW	pg5, Sec 3.4	A plan for prioritizing high risk facilities such as preschools, day care centers, group day care homes, parks, playgrounds, hospitals, and clinics, as well as high-risk areas identified by the community water supply.	415 ILCS 5/17.12 (q)(8)
MW	pg6	A map of the areas where lead service lines are expected to be found and the sequence with which those areas will be inventoried and lead service lines replaced.	415 ILCS 5/17.12 (q)(9)
MW	pg7, Sec 4.0	Measures for how the community water supply will inform the public of the plan and provide opportunity for public comment.	415 ILCS 5/17.12 (q)(10)
MW	pg8, Sec 4.3	Measures to encourage diversity in hiring in the workforce required to implement the plan as identified under subsection (n).	415 ILCS 5/17.12 (q)(11)
MW	pg7, Sec 4.1 & 4.2	Procedure for conducting full lead service line replacement.	40 CFR 141.84 (b)(2)
MW	pg7, Sec 4.1 & 4.2	Procedure for informing customers before a lead service line replacement and flushing directions to remove particulate lead form service lines and premise plumbing.	40 CFR 141.84 (b)(3), 40 CFR 141.84 (b)(5)

Please include a copy of this checklist when submitting the Lead Service Line Replacement Plan to the Illinois EPA.

VILLAGE OF FRANKLIN PARK

LEAD SERVICE LINE REPLACEMENT PLAN

April 15, 2026

Public Water Supply Facility ID#: IL0310960



1.0 Background and Overview:

The Village of Frankin Park is located in northeastern Illinois, in the western portion of Cook County. Incorporated in 1892, the Village now has a resident population of 18,467 people and 5,802 households as of the 2020 Census and encompasses approximately 4.73 sq miles.

Per 2022 American Community Survey, the median income per household is \$74,167, which is 7.6% below the median household income of \$80,306 in all of Illinois. Additionally, 14.6% of Franklin Park's population was estimated to be below the poverty line compared to Illinois' overall average of 11.6%.

2.0 System Summary:

Total number of service connections in Village water system: 5,827

Total number of known lead lines (public and/or private side of service): 2,340

Total number of suspected lead lines (unknown, public & private side of service): 431

Total number of known lead plus suspected lead lines (public and private, prior to replacements made thus far): 2,724

Service Line Material	PWS side of Service	Private side of Service
Copper	4512	3216
Galvanized	2	237
Galvanized Requiring Replacement (downstream of lead)	0	5
Lead	1207	1833
Cast/Ductile Iron	106	108
Unknown	0	431

Total number of lead service lines replaced since 2020: 139

Total number of Known and Suspected Lead and GRR: 2590

3.0 Lead Service Line Replacement Schedule:

All yearly reports due on April 15th of reporting year.

2023	Initial Material Inventory
2024	Final Material Inventory & Initial Replacement Plan Due
2025	Update Replacement Plan
2026	Update Replacement Plan
2027	Final Replacement Plan Due; Begin mandatory replacements.

Total Number of Services Requiring Replacement:				2,590	
Plan Year	Reporting Year	% Replaced by Year End	Number of Service Lines to Replace in Plan Year	Est. Cost per Service Line*	Est. Cost per Plan Year
1	2028	6	155	\$13,000.00	\$2,020,200.00
2	2029	12	155	\$13,520.00	\$2,101,008.00
3	2030	18	155	\$14,060.80	\$2,185,048.32
4	2031	24	155	\$14,623.23	\$2,272,450.25
5	2032	30	155	\$15,208.16	\$2,363,348.26
6	2033	36	155	\$15,816.49	\$2,457,882.19
7	2034	42	155	\$16,449.15	\$2,556,197.48
8	2035	48	155	\$17,107.11	\$2,658,445.38
9	2036	54	155	\$17,791.40	\$2,764,783.20
10	2037	60	155	\$18,503.05	\$2,875,374.52
11	2038	66	155	\$19,243.18	\$2,990,389.50
12	2039	72	155	\$20,012.90	\$3,110,005.08
13	2040	78	155	\$20,813.42	\$3,234,405.29
14	2041	84	155	\$21,645.96	\$3,363,781.50
15	2042	90	155	\$22,511.79	\$3,498,332.76
16	2043	96	155	\$23,412.27	\$3,638,266.07
17	2044	100	104	\$24,348.76	\$2,522,531.14
			2590		\$46,612,448.96

Note: Milestone/Goal years in bold.

* Assumed a 4% cost gradient to account for inflation

Please note that 20, 25, & 30 year goals are not included in plan as the required replacement rate of 6% per year means that the lead service line replacements should be completed by the end of the 17th plan year (April 15th, 2044).

3.1 Basis of Cost per Replacement

The estimated cost per service for the initial plan year of was calculated using unit line-item costs from the Village's most recent watermain replacement project and an average length of the water service laterals typical throughout most of the Village.

The costs included the full replacement value of the service line from the main to the house, including replacement of all appurtenances such as service saddles, corporation stops, and b-box. An average restoration value per unit was also included to cover repair of lawns and home interiors for those where the work is located inside a finished space.

This procedure resulted in a calculated average total cost per replacement of \$13,000. After the initial plan year, an assumed 4% gradient was utilized for subsequent years to account for inflation to account for increases in material and labor rates seen annually.

3.2 Financing Options

The Village is and will continue to seek funding for such capital infrastructure projects through a variety of sources including the following loan and grant programs:

- Illinois EPA State Revolving Loan Fund (SRLF) program for Water Main Construction & Lead Service Replacements. Provides low interested loans with partial forgiveness for water main replacement and construction projects.
- Water Infrastructure Implementation for Nation (WIIN) Act administered through the US EPA. This program is an annual competitive grant.
- Water Infrastructure Finance & Innovation Act (WIFIA) administered through the US EPA. Provides low cost, flexible loans for water infrastructure.
- Community Change Grants (US EPA). Provides grants to projects that incorporate measures to reduce pollution, increase climate resiliency, and build capacity at the community level to address environmental and climate justice challenges. This is a competitive grant opportunity.

3.3 Water Rates & Billing

The Village purchases its water from the City of Chicago. Water billing is done monthly and is assessed at a water unit. A water unit is equal to 100 cubic feet (cf) of water used each month. Water rates in the Village of Franklin Park were established by Village Code section 7-8B-2 on June 1st, 2019 and are adjusted by 3% annually plus any rate increase charged to the Village by the City of Chicago.

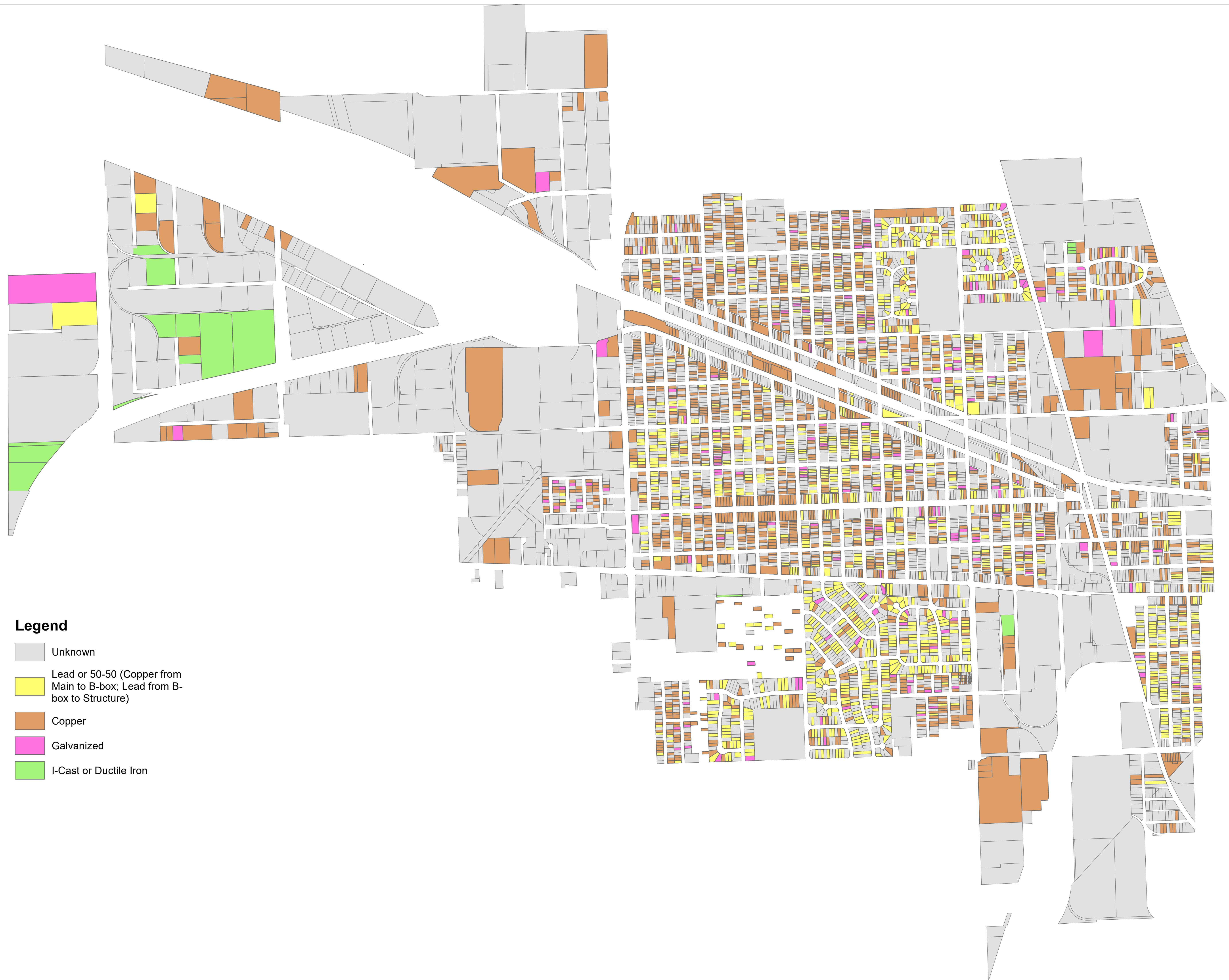
At the time of the writing of this draft, the current cost per unit of water is \$10.11 for usage less than 9 units (900 cf) and \$12.63 per unit for usage volumes exceeding 9 units. The minimum charge per account per billing period is \$20.23 per water account. Current rate information is posted by the Finance Department on the Village website. The portion of the rate assessed by the Village (the portion above the rate paid by the Village to the City of Chicago) goes into the general water fund to pay for infrastructure maintenance, staff, and repayment of current infrastructure loan debt obligations.

For a full explanation of the water service charges, please see Village code Title 7, Chapter 8, Article B. Section 7-8B-6, specifically addresses policy and procedures regarding payment of bills, liability, delinquencies, collections, and shut-offs. Section 7-8B-7 addresses procedures for assessing liens for enforcement, but it should be noted that the Village provides every opportunity allowable under its ordinances, including agreements for payment plans (see sec. 7-8B-6e), to keep water affordable for its residents.

3.4 Priority Areas

In planning of future watermain and service line replacement projects, the Village strives to strike a balanced approach between targeting high priority areas and knowledge of its aging infrastructure. In order to ensure reliable service to all its customers, watermain replacement projects evaluated based upon age, number and frequency of watermain breaks, as well as opportunities to target high risk facilities. High risk facilities include preschools, day-cares, group homes, multifamily properties (apartments and condominiums), schools, parks, and densely populated residential neighborhoods.

Additionally, to make the most of the Village capital improvement budget, watermain replacements are often combined with larger infrastructure renewal projects which include sewer lining or replacement and roadway repaving or reconstruction.



Legend

- Unknown
- Lead or 50-50 (Copper from Main to B-box; Lead from B-box to Structure)
- Copper
- Galvanized
- I-Cast or Ductile Iron

4.0 Lead Service Line Replacement (LSLR) Plan, Public notification, and Public Comment

It is noted that this version of the Lead Service Line Replacement Plan is a draft. Following further development by staff, but before submission of the final plan, a working copy will be posted on the Village website for public review and comment. A mechanism such as a dedicated email address, survey, or web-contact card (or a combination thereof) will be set up for receiving public comments over a 60 day time period. A notice of the posting and public comment period will be advertised in the Village's monthly newsletter prior to its start date. Following the public comment period, Village staff will review and evaluate the public comments for possible incorporation into the plan and the Village plan will be presented and voted on by the Village Board before its final submission to the IEPA.

4.1 Replacements in conjunction with a Village Infrastructure Project

Many of the lead service line replacements will take place in conjunction with a larger, Village infrastructure renewal project that may include lining or replacement of sewers (sanitary, combined, or storm), and roadway repaving or reconstruction. This is done to achieve the greatest economy of scale possible on the Village's behalf in conducting these capital improvement projects.

When a lead service is discovered and replaced in conjunction with a Village infrastructure project, the cost of the replacement, including restoration, will be at the project's expense.

4.2 Replacements with Emergency Repairs

Under Village code section 7-8-5, titled 'Maintenance of water service lines and appurtenances', the Village is responsible for the cost of maintenance, repair, or replacement of all water service lines and their appurtenances from the tap (at the main) up to and including the shutoff box or shutoff valve (typically a b-box for residential installations, gate valve for commercial installations) and the owner of the property is responsible for the remainder of the service line from the shutoff box or valve up to and including the building. Typically the shutoff box or valve is located at or near the right of way line and the intent of this code is to require that repairs in the roadways and right of way be under the responsible control of the Village while the owner maintains the portion on their property.

For service lines determined to be lead or galvanized requiring replacement (downstream of lead), the Village has and intends to continue to include in its water system operating budget, funds to cover the replacement of lead service lines on the owner's side of the shut-off valve when they are discovered while conducting an

emergency repair (such as due to a service line break). Under the emergency repair scenario, the Village is covering the cost of the replacement of the full service line, but onsite lawn and interior restoration (if in a finished interior space) continues to be the responsibility of the property owner. The intent of this policy is to aid the owner with the high and unexpected cost of replacing a lead service line in full (compared to the simple repair of a portion of a non-lead or non-galvanized line), however the Village's operating budget is not sufficient to aid them with lawn or interior restorations.

4.3 Equal Opportunity Initiatives

As with all Village construction projects, the Village will continue to strive to encourage Equal Opportunity practices. These can include but not limited to, requirements pertaining to the provision of a portion of the project work be satisfied by Disadvantaged Business Enterprises such as businesses owned by minorities, females, and/or persons with disabilities.

The Village may also require that a portion of the work go to Veteran owned businesses and that contractor's comply with the Illinois Works Apprenticeship Initiative.