

Getting the Lead Out of Our Drinking Water October 13th, 2022







Getting the Lead Out of Our Drinking Water October 13th, 2022



Tom Nagle



Jonathan Flowers



Diane Moeller



Michael Giglio

Major Takeaways

- State and federal laws
- Service Line Inventory
- Lead Service Line Replacement Plan
- Construction
- •Funding
- Public engagement



EXPERT BLOG > JEREMY ORR

Illinois Passes Landmark Legislation to Replace Lead **Pipes**

June 01, 2021 Jeremy Orr

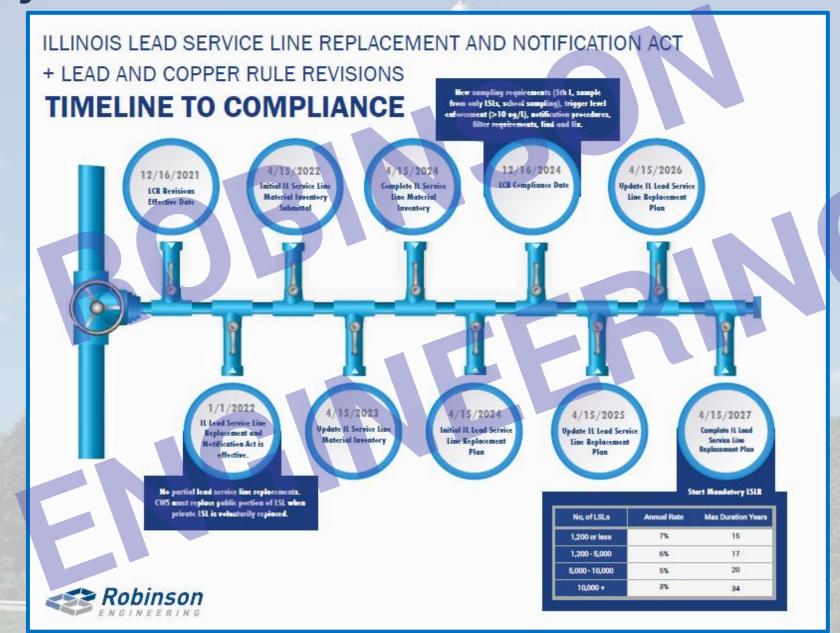




- •Illinois Lead Service Line Replacement and Notification Act (Act 102-631 formerly HB3739) Effective 1/1/2022
- Major Elements
 - Mandatory LSLR
 - No Partial LSLR
 - Must develop Inventory
 - Must develop Replacement Plan

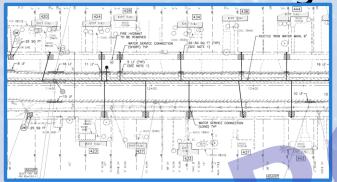
• Federal Lead and Copper Rule Revisions
Effective 12/16/21 Compliance 10/16/24

- Notification
- Sampling
- Action

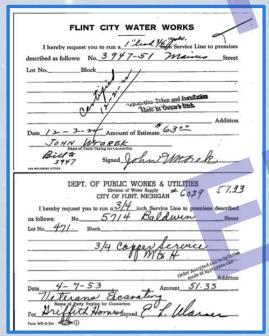


Inventory – Preliminary Data Collection

Record Drawings



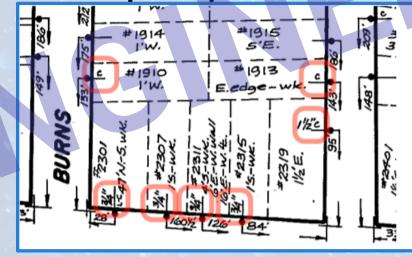
Meter Records



Plumbing Permits



Property Records



Plumbing Codes

ADMINISTRATIVE CODE

TITLE 77: PUBLIC HEALTH CHAPTER I: DEPARTMENT OF PUBLIC HEALTH SUBCHAPTER I: WATER AND SEWAGE PART 890 ILLINOIS PLUMBING CODE

The General Assembly's Illinois Administrative Code database includes only those rulemakings that have been permanently adopted. This menu will point out the Sections on which an emergency rule (valid for a maximum of 150 days, usually until replaced by a permanent rulemaking) exists. The emergency rulemaking is linked through the notation that follows the Section heading in the menu.

SUBPART A: DEFINITIONS AND GENERAL PROVISIONS

- Section 890,110 Applicability
- Section 890.120 Definitions
- Section 890.130 Incorporated and Referenced Materia
- Section 890.140 Compliance with this Part
- Section 890.150 Workmanship
- Section 890.160 Used Plumbing Material, Equipment, Fixture
- Section 890.170 Sewer and/or Water Required
- Section 890,180 Sewer and Water Pipe Installation
- Section 890.190 Piping Measurements
- Section 890 200 Operation of Plumbing Equipment

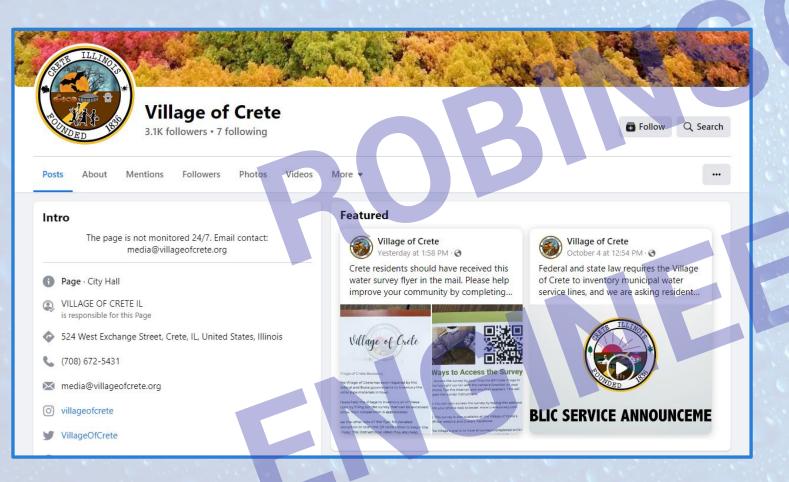
Service Repairs



Inventory – Survey



Inventory - Survey





Inventory - Survey



Dear Resident of Hazel Crest,

After applying for Federal and State government funds, the Village of Hazel Crest has been awarded money to replace the lead water pipes in town.

Please help the Village to remove these pipes by filling out an online survey.

The survey will help us to determine whether you have a lead pipe. Properties with known lead pipes will be first in line for replacement, so it is beneficial to fill out the survey.



Sincerely,

Vernard L. Alsberry Jr., Mayor



Ways to Access the Survey

- 1. Access the survey by scanning the QR Code image above with the camera function of your phone. Tap the internet address that appears. This will open the survey instructions.
- The survey will ask you to a) upload photos of your pipe b) scratch your pipe to reveal the bare metal c) see if a magnet sticks to your pipe. A magnet has been included with this mailing.
- 3. You can also access the survey by typing this address into your phone web browser: hazelcrestsurvey.com
- 4. This survey is also available at the Village of Hazel Crest's official website and Hazel Crest's Facebook.

Completing the survey within two weeks will help the Village and the community begin the process of eliminating lead pipes in our community.

Please contact Mary from Robinson Engineering at 779-333-7893 if you cannot open the survey or if you have any questions.

Inventory - Survey



Lead Pipes

The Scratch Test

If the scraped area is shiny and silver, your service line is lead.

The Magnet Test

A magnet will not stick to a lead

The Tapping Test

Tapping a lead pipe with a coin will produce a dull noise.



Copper Pipes

The Scratch Test

If the scraped area is copper in color, like a penny, your service line is copper.

The Magnet Test

A magnet will not stick to a copper

The Tapping Test

Tapping a copper pipe with a coin will produce a metallic ringing noise.



Galvanized Pipes

The Scratch Test

If the scraped area remains a dull gray, your service line is galvanized steel.

The Magnet Test

A magnet sticks to a pipe.

The Tapping Test

Tapping a galvanized coin will produce a m noise.

Crete LSLR Resident Survey Requires Assistance



Sean Tondre

To Andrea M. Brown

Cc Diane Moeller

(i) This message was sent with High importance.

floor in the photo above.

to scratch as close to the wall or floor where the pipe leaves the building as possible. mewhat shiny copper or silver colored. Try to scratch away any paint, rust, or coating. at least three photos, from about 3 feet away that shows the meter, the floor or wall, and ear. like the example photo above, Additional photos - a closeup of the scratch, and a

part of the survey below. Please fill out as much information as you feel comfortable

. You can contact Diane Moeller at 224-908-3983 with any questions

entative of the City to assist you with this survey?

ace
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recc
t



WAUKEGAN

City of Progress Plinois

Water Service Line Inventory Survey - City of Waukegan

2. Find your water meter. The meter should be on the lowest level of your house. It should look something like this:

I. Grab your a) cell phone and b) either a key or a screwdriver.



Inventory – Survey





South Holland

Water Service Line Resident Photos

dress 17000 South Park Ave

e John Hilser

ldg Age

terial Copper Pipe





Address 551 E 160th Place
Name PATTY HAMBY

lag Age 6

Copper Pipes



Address 16422 Evans Ave, South
Name Bernard Adams

Bldg Age

Galvanized



Address 738 E 157'St Name Ronald Magee

lldg Age 72 yrs

Material Copper Pipes



4/15/2022 Page 1 of 80





1622 Henry PI

1622 Henry Pl, Waukegan, Illinois, 60085

Survey Submittal Date

7/21/2022, 3:47 PM

Would you like to set up an appointment?

...

Name

Diene Moeller

Email Contact

diene.p.moeller@gmeil.com

Phone Number

2242778698

Property Address

1622 Honry PI

Pipe Material

Copper Fipes

Questions/Comments

No content available.

QA/QC Completed

Y

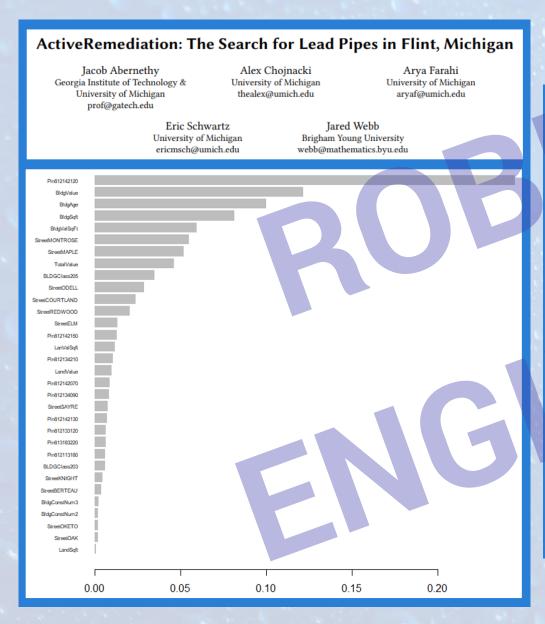
QA/QC Completed Date

B/10/2022, 9:34 AM

Inventory – GIS Platform



Inventory – Predictive Model

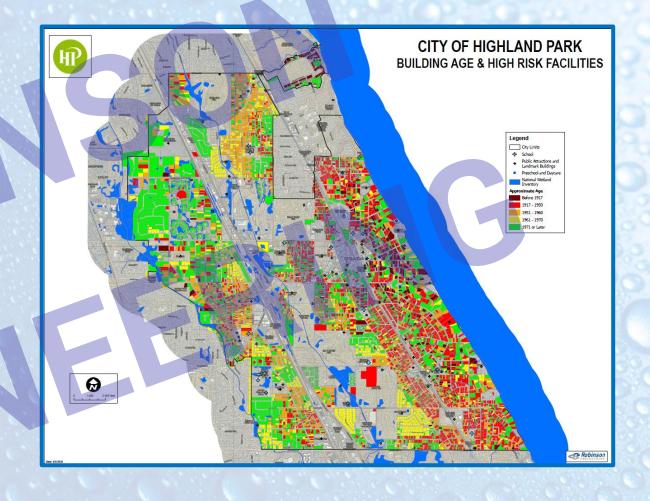


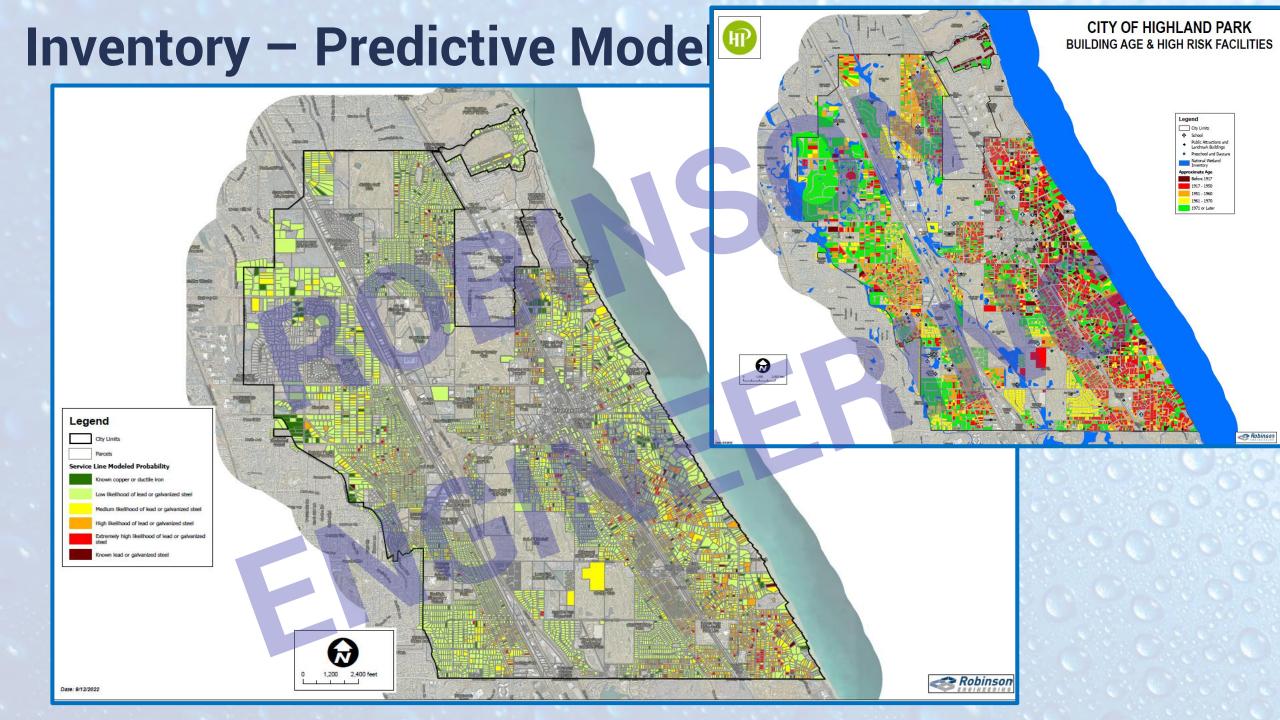
Address	Pin10	Probability of Lead
4256 KOLZE AVE	1215308028	36%
4262 KOLZE AVE	1215308029	8%
4266 KOLZE AVE	1215308030	8%
4232 KOLZE AVE	1215308031	8%
4229 GRACE ST	1215308033	35%
4234 KOLZE AVE	1215308035	42%
4238 KOLZE AVE	1215308036	64%
4255 KOLZE AVE	1215309005	72%
4249 KOLZE AVE	1215309007	8%
4245 KOLZE AVE	1215309008	72%
4241 KOLZE AVE	1215309009	8%
4239 KOLZE AVE	1215309010	39%
4237 KOLZE AVE	1215309011	72%
4235 KOLZE AVE	1215309012	8%
4231 KOLZE AVE	1215309013	8%
4225 KOLZE AVE	1215309014	36%
4254 OLD RIVER RD	1215309019	10%
4254 OLD RIVER RD	1215309020	10%
4254 OLD RIVER RD	1215309021	10%
4242 OLD RIVER RD	1215309022	8%
4230 OLD RIVER RD	1215309024	10%
4230 OLD RIVER RD	1215309025	10%
4230 OLD RIVER RD	1215309026	10%
4230 OLD RIVER RD	1215309027	10%
4219 KOLZE AVE	1215309030	8%
4257 KOLZE AVE	1215309034	73%
4260 OLD RIVER RD	1215309035	8%

Number of "Unknown" Service Lines*	Number to Physically Verify
Fewer than 1,500	20% of "unknown" lines
1,500	306
1,600	310
1,700	314
1,800	317
1,900	320
2,000	322
2,200	327
2,400	331
2,600	335
2,800	338
3,000	341
3,500	346
4,000	351
4,500	354
5,000	357
6.000	361

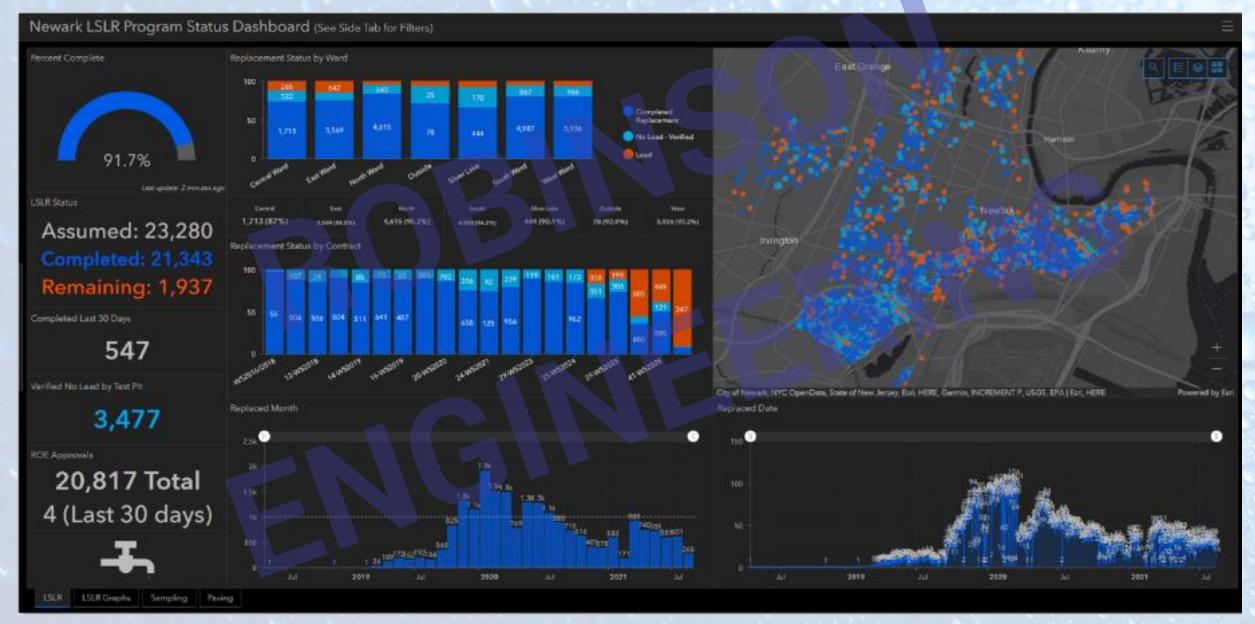
Inventory – Predictive Model

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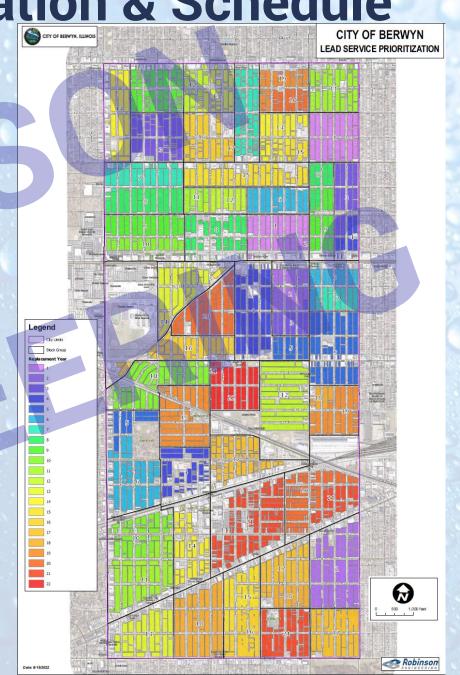
Replacement Plan - Inventory of LSLs



Replacement Plan -Prioritization & Schedule

Metropolitan Planning Council collaboration

- Block group level
- Demographic data:
 - Education
 - Income level
 - Age
 - Employment
 - Building Age
 - Insured status
 - Disability



Public Involvement













Replacement Plan - Funding

Local Agency Village of Harwood Heights

Location

See Map

Description

Lead Service Replacements Preliminary Estimate of Cost

The undersigned submits herewith his schedule of prices covering the work to be performed under this contract; he understands that he must show in the schedule the unit prices for which he proposes to perform each item of work; that the extensions must be made by him, and if not so done, his proposal may be rejected as irregular.

Schedule for Single Bid

(For complete information covering these items, see plans and specifications.) Ridder's Proposal for making Entire Improvements						
Items					Total	
FULL LEAD WATER SERVICE REPLACEMENT	EACH	210		\$	1,785,500.00	
PARTIAL LEAD WATER SERVICE REPLACEMENT	EACH	75	\$5,500.00	\$	412,500.00	
EXPLORATORY EXCAVATION	EACH	200	\$500.00	\$	100,000.00	
INLET FILTERS	EACH	10	\$250.00	\$	2,500.00	
NON-SPECIAL WASTE DISPOSAL	CUYD	40	\$78.00	\$	3,120.00	
SANITARY SEWER SERVICE ADJUSTMENT	EACH	10	\$1,500.00	\$	15,000.00	
		Contingend	cy (10%) gineering		2,318,120.00 2,350,000.00 235,000.00 121,000.00 235,000.00	
	FULL LEAD WATER SERVICE REPLACEMENT PARTIAL LEAD WATER SERVICE REPLACEMENT EXPLORATORY EXCAVATION INLET FILTERS NON-SPECIAL WASTE DISPOSAL	Items Unit FULL LEAD WATER SERVICE REPLACEMENT EACH PARTIAL LEAD WATER SERVICE REPLACEMENT EACH EXPLORATORY EXCAVATION EACH INLET FILTERS EACH NON-SPECIAL WASTE DISPOSAL CUYD	Items Unit Quantity FULL LEAD WATER SERVICE REPLACEMENT EACH 210 PARTIAL LEAD WATER SERVICE REPLACEMENT EXPLORATORY EXCAVATION INLET FILTERS EACH 10 NON-SPECIAL WASTE DISPOSAL CUYD 40 SANITARY SEWER SERVICE ADJUSTMENT EACH 10 Subtotal Subtotal Recommendation	Items Unit Quantity Unit Price FULL LEAD WATER SERVICE REPLACEMENT EACH PARTIAL LEAD WATER SERVICE REPLACEMENT EACH EXPLORATORY EXCAVATION EXPLORATORY EXCAVATION EACH NON-SPECIAL WASTE DISPOSAL SANITARY SEWER SERVICE ADJUSTMENT EACH 10 \$1,500.00 Subtotal Subtotal Subtotal Rounded-Up Contingency (10%) Design Engineering Construction Engineering	Bidder's Proposal for making Entire Improvements Items	

Replacement Plan - Funding

Year	Revenue from Water Rates	Water Rate Percent Increase	Sewer Use Revenue Per 1000 Gallons	Percent Sewer Use Revenue Increase	Sewer Rehab Fee Per Residential Account	Sewer Rehab Fee per Commercial Account	Revenue from Village Sewer Fee Per Account	Village Sewer Fee Percent Increase	Additional Revenue	Loan Cost 50% Forgiveness	Net Cost
0	\$4.80	-	\$2.33	-	\$80.00	\$200.00	\$79.60	-	-	-	-
1	\$1,347,636.74	5%	\$490,155.70	5%	\$69,606.00	\$54,000.00	\$251,138.00	5%	\$6,021.43	-	-
2	\$1,415,018.58	6%	\$514,663.48	6%	\$71,694.18	\$55,620.00	\$263,694.90	6%	\$114,176.14	\$122,364.76	(\$8,188.63)
3	\$1,499,919.69	5%	\$545,543.29	-5%	\$73,845.01	\$57,288.60	\$279,516.59	5%	\$249,598.18	\$244,729.53	\$4,868.65
4	\$1,574,915.67	5%	\$572,820.45	4%	\$76,060.36	\$59,007.26	\$293,492.42	4%	\$369,781.17	\$367,094.29	\$2,686.87
5	\$1,653,661.46	5%	\$595,733.27	4%	\$78,342.17	\$60,777.48	\$305,232.12	4%	\$487,231.49	\$489,459.06	(\$2,227.56)
6	\$1,736,344.53	0%	\$619,562.60	0%	\$80,692.43	\$62,600.80	\$317,441.41	0%	\$610,126.77	\$611,823.82	(\$1,697.05)
7	\$1,736,344.53	0%	\$619,562.60	0%	\$83,113.20	\$64,478.82	\$317,441.41	0%	\$614,425.57	\$611,823.82	\$2,601.75
8	\$1,736,344.53	0%	\$619,562.60	0%	\$85,606.60	\$66,413.19	\$317,441.41	0%	\$618,853.33	\$611,823.82	\$7,029.51
9	\$1,736,344.53	0%	\$619,562.60	0%	\$88,174.80	\$68,405.58	\$317,441.41	0%	\$623,413.92	\$611,823.82	\$11,590.10
10	\$1,736,344.53	0%	\$619,562.60	0%	\$90,820.04	\$70,457.75	\$317,441.41	0%	\$628,111.33	\$611,823.82	\$16,287.51
11	\$1,736,344.53	0%	\$619,562.60	0%	\$93,544.64	\$72,571.48	\$317,441.41	0%	\$632,949.67	\$611,823.82	\$21,125.85
12	\$1,736,344.53	0%	\$619,562.60	0%	\$96,350.98	\$74,748.63	\$317,441.41	0%	\$637,933.15	\$611,823.82	\$26,109.33
13	\$1,736,344.53	0%	\$619,562.60	0%	\$99,241.51	\$76,991.09	\$317,441.41	0%	\$643,066.14	\$611,823.82	\$31,242.32
14	\$1,736,344.53	0%	\$619,562.60	-0%	\$102,218.76	\$79,300.82	\$317,441.41	0%	\$648,353.12	\$611,823.82	\$36,529.30
15	\$1,736,344.53	0%	\$619,562.60	0%	\$105,285.32	\$81,679.85	\$317,441.41	0%	\$653,798.71	\$611,823.82	\$41,974.89
16	\$1,736,344.53	0%	\$619,562.60	0%	\$108,443.88	\$84,130.24	\$317,441.41	0%	\$659,407.66	\$611,823.82	\$47,583.84
17	\$1,736,344.53	0%	\$619,562.60	0%	\$111,697.20	\$86,654.15	\$317,441.41	0%	\$665,184.88	\$611,823.82	\$53,361.06
18	\$1,736,344.53	0%	\$619,562.60	0%	\$115,048.11	\$89,253.77	\$317,441.41	0%	\$671,135.42	\$611,823.82	\$59,311.60
19	\$1,736,344.53	0%	\$619,562.60	0%	\$118,499.56	\$91,931.39	\$317,441.41	0%	\$677,264.48	\$611,823.82	\$65,440.66
20	\$1,736,344.53	0%	\$619,562.60	0%	\$122,054.54	\$94,689.33	\$317,441.41	0%	\$683,577.41	\$611,823.82	\$71,753.59
21	\$1,736,344.53	0%	\$619,562.60	0%	\$125,716.18	\$97,530.01	\$317,441.41	0%	\$690,079.73	\$611,823.82	\$78,255.91

Name (Assuming all Unknowns are Lead)		The state of the s
Park Forest	\$66,429,000	Suburban Public Works Directors Association
Homewood	\$35,928,000	Getting the Lead Out of Our Drinking Water
Lansing	\$31,986,000	October 13th, 2022
Flossmoor	\$28,818,000	On Low Table 1 To the Low Table
Alsip	\$27,747,000	Transfer of the control of the contr
Riverdale	\$23,004,000	
Dolton	\$22,734,000	In Section 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Robbins	\$19,674,000	ALSIP AUGUST ALSIP
Midlothian	\$11,394,000	PALOS HEIGHTS CALUMET PARK
South Chicago Heights	\$10,899,000	The Black Control of the Black
Richton Park	\$8,523,000	ROBBINS RIVERDALE RIVERDALE
Thornton	\$8,064,000	MIDLOTHIAN
Steger	\$7,290,000	ORLAND PARK
Matteson	\$5,679,000	
Orland Park	\$5,427,000	SOUTH HOLLAND LA
Olympia Fields	\$4,995,000	
Tinley Park	\$2,871,000	TINLEY PARK HAZELCREST HAZELCREST THORNTON LANSING
Hazel Crest	\$2,484,000	HOMEWOOD
Calumet Park	\$2,169,000	
East Hazel Crest	\$1,170,000	COUNTRY CLUB HILLS FLOSSMOOR
Sauk Village	\$639,000	LYNWOOD
South Holland	\$252,000	Table MATTESON MATTESON
Oak Forest	\$108,000	No control Colympia Fields
Glenwood	\$81,000	Frontier County
Monee	\$45,000	RICHTON PARK / PARK FOREST SOUTH CHICAGO
Town	s Without Lead	HEIGHTS STEGER
Bridgeview	\$0	The state of the s
Country Club Hills	\$0	
Hickory Hills	\$0	MANHATTAN A STATE OF THE PROPERTY OF THE PROP
Lynwood	\$0	Transaction of the state of the
Manhattan	\$0	MONEE
Orland Hills	\$0	Robinson
Palos Heights	\$0	AND STATE OF THE PARTY OF THE P

FY2022 PWSLP - Lead Service Line Replacement Projects

		Estimated		Loan
		Construction	Estimated Loan	Priority
Loan Applicant 🔻	Project Description -	Start Start	Amount 🔽	Score
Rockford	Lead service line replacement (Phase 4)	3/1/2022	\$4,000,000	450
Springfield	Replace 500-750 lead service service lines (Phase	1/5/2021	\$4,000,000	395
Beecher	Replace lead service lines	7/15/2021	\$3,000,000	370
Assumption	Locate and replace 140 lead service lines	7/15/2021	\$1,350,000	355
Marshall	locate and replace lead service lines	9/1/2021	\$1,583,960	355
Chicago	Replace lead service lines (Phase 1)	1/1/2022	\$4,000,000	325
Sycamore	Replace lead service lines	9/1/2021	\$1,000,000	315
Itasca	Replace lead service lines	10/30/2021	\$4,000,000	295
Frankfort	Replace lead service lines	7/15/2021	\$2,000,000	285
Frankfort	Replace lead service lines	7/15/2021	\$2,000,000	285
Robbins	Replace lead service lines (Phase 1)	10/15/2021	\$2,000,000	270
East Hazel Crest	Replace lead service lines	7/15/2021	\$800,000	245
Elgin	Replace lead service lines	6/1/2021	\$4,000,000	245
Freeport	Replace lead service lines (Phase 2)	5/1/2021	\$4,000,000	235
Dixmoor	Replace lead service lines and meters	10/15/2021	\$4,000,000	230
Canton	Replace 230 lead service lines	6/1/2021	\$1,500,000	200
Calumet City	Replace 400 lead service lines (Phase 1)	9/1/2021	\$4,000,000	190
Joliet	Replace lead service lines (Phase 3)	10/2/2021	\$4,000,000	180

٦	Total 2022 Intended Funding List	\$51,233,960
	O Company of the comp	. , ,

FY2022 PWSLP - Lead Service Line Replacement Projects

		Estimated		Loan
		Construction	Estimated Loan	Priorit
Loan Applicant -1	Project Description	Start -	Amount T	Score
Beecher	Replace lead service lines	7/15/2021	\$3,000,000	370
Calumet City	Replace 400 lead service lines (Phase 1)	9/1/2021	\$4,000,000	190
Dixmoor	Replace lead service lines and meters	10/15/2021	\$4,000,000	230
East Hazel Crest	Replace lead service lines	7/15/2021	\$800,000	245
Frankfort	Replace lead service lines	7/15/2021	\$2,000,000	285
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Itasca	Replace lead service lines	10/30/2021	\$4,000,000	295
Robbins	Replace lead service lines (Phase 1)	10/15/2021	\$2,000,000	270
Assumption	Locate and replace 140 lead service lines	7/15/2021	\$1,350,000	355
Canton	Replace 230 lead service lines	6/1/2021	\$1,500,000	200
Chicago	Replace lead service lines (Phase 1)	1/1/2022	\$4,000,000	325
Elgin	Replace lead service lines	6/1/2021	\$4,000,000	245
Freeport	Replace lead service lines (Phase 2)	5/1/2021	\$4,000,000	235
Joliet	Replace lead service lines (Phase 3)	10/2/2021	\$4,000,000	180
Marshall	locate and replace lead service lines	9/1/2021	\$1,583,960	355
Rockford	Lead service line replacement (Phase 4)	3/1/2022	\$4,000,000	450
Springfield	Replace 500-750 lead service service lines (Phase	1/5/2021	\$4,000,000	395
Sycamore	Replace lead service lines	9/1/2021	\$1,000,000	315

Total 2022 Intended Funding List	\$51,233,960	
Total REL Projects	\$21,800,000	43%

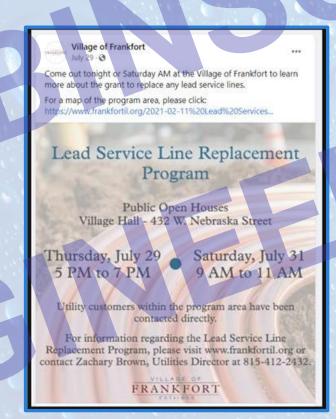
Data

FY 2023 PWSLP - Lead Service Line Replacement Projects								
Loan Applicant	Project Description	Amount	Population	Score				
GALESBURG	LEAD SERVICE LINE REPLACEMENT PROJECT	\$2,000,000	40,000	455				
MARSHALL	LEAD SERVICE LINE REPLACEMENT PROJECT	\$800,000	7,786	365				
ASSUMPTION	LEAD SERVICE LINE REPLACEMENT PROJECT (140 LINES)	\$1,380,273	1,368	355				
ROCKFORD	PHASE 5 - REMOVE / REPLACE LEAD SERVICE LINES	\$4,000,000	149,597	325				
SYCAMORE	REPLACE 120 LEAD SERVICE LINES	\$4,000,000	17,897	300				
NOKOMIS	LEAD SERVICE LINE REPLACEMENT PROJECT	\$300,000	2,055	280				
BARRINGTON	LEAD SERVICE LINE REPLACEMENT PROJECT (250 LINES)	\$4,000,000	12,131	255				
ROBBINS	LEAD SERVICE LINE REPLACEMENT PROJECT	\$4,000,000	5,460	255				
ITASCA	REPLACE LEAD SERVICE LINES	\$2,700,000	8,694	250				
CALUMET CITY	LEAD SERVICE LINE REPLACEMENT PROJECT (400 LINES)	\$3,998,000	36,033	240				
DIXMOOR	LEAD SERVICE LINE REPLACEMENT PROJECT PHASE 1	\$4,000,000	3,158	240				
ELGIN	LEAD SERVICE LINE REPLACEMENT PROJECT (350 LINES)	\$4,000,000	120,000	235				
FREEPORT	PHASE 3 - LEAD SERVICE LINE REPLACEMENT PROJECT	\$4,000,000	23,973	210				
PLAINFIELD	LEAD SERVICE LINE REPLACEMENT PROJECT	\$297,570	39,581	175				
SEATON	LEAD SERVICE LINE REPLACEMENT PROJECT	\$753,000	222	175				
DUET	REPLACE LEAD SERVICE LINES ALONG 21 MI OF WATER MAIN	\$4,000,000	148,693	165				
HAZEL CREST	LEAD SERVICE LINE REPLACEMENT PROJECT	\$4,000,000	14,000	160				
PLAINFIELD	LEAD SERVICE LINE REPLACEMENT PROJECT	\$409,933	39,581	115				
CARPENTERSVILLE	REPLACE 350 LEAD SERVICE LINES	\$4,000,000	37,983	105				
Total 2023 Intended F	unding List	\$52,638,776						



FY 2023 PWSLP - Lead Service Line Replacement Projects				
Loan Applicant	Project Description	Amount	Population	Score
GALESBURG	LEAD SERVICE LINE REPLACEMENT PROJECT	\$2,000,000	40,000	455
MARSHALL	LEAD SERVICE LINE REPLACEMENT PROJECT	\$800,000	7,786	365
ASSUMPTION	LEAD SERVICE LINE REPLACEMENT PROJECT (140 LINES)	\$1,380,273	1,368	355
ROCKFORD	PHASE 5 - REMOVE / REPLACE LEAD SERVICE LINES	\$4,000,000	149,597	325
SYCAMORE	REPLACE 120 LEAD SERVICE LINES	\$4,000,000	17,897	300
NOKOMIS	LEAD SERVICE LINE REPLACEMENT PROJECT	\$300,000	2,055	280
BARRINGTON	LEAD SERVICE LINE REPLACEMENT PROJECT (250 LINES)	\$4,000,000	12,131	255
ROBBINS	LEAD SERVICE LINE REPLACEMENT PROJECT	\$4,000,000	5,460	255
ITASCA	REPLACE LEAD SERVICE LINES	\$2,70 <mark>0,00</mark> 0	8,694	250
CALUMET CITY	LEAD SERVICE LINE REPLACEMENT PROJECT (400 LINES)	\$3,998,000	36,033	240
DIXMOOR	LEAD SERVICE LINE REPLACEMENT PROJECT PHASE 1	\$4,000,000	3,158	240
ELGIN	LEAD SERVICE LINE REPLACEMENT PROJECT (350 LINES)	\$4,000,000	120,000	235
FREEPORT	PHASE 3 - LEAD SERVICE LINE REPLACEMENT PROJECT	\$4,000,000	23,973	210
PLAINFIELD	LEAD SERVICE LINE REPLACEMENT PROJECT	\$297,570	39,581	175
SEATON	LEAD SERVICE LINE REPLACEMENT PROJECT	\$753,000	222	175
DUET	REPLACE LEAD SERVICE LINES ALONG 21 MI OF WATER MAIN	\$4,000,000	148,693	165
HAZEL CREST	LEAD SERVICE LINE REPLACEMENT PROJECT	\$4,000,000	14,000	160
PLAINFIELD	LEAD SERVICE LINE REPLACEMENT PROJECT	\$409,933	39,581	115
CARPENTERSVILLE	REPLACE 350 LEAD SERVICE LINES	\$4,000,000	37,983	105
Total 2023 Intended Funding List		\$52,638,776		
Total REL Jobs		\$14,700,000	28%	

- Resident Interaction
- FAQ Letter
- Facebook
- Newsletter
- Agreements
- Construction Initiation





Lead Water Service Project Questions & Answers



Who do I call if I have questions or concerns?

Of course, you can always contact the Itasca Public Works at 630-773-2455 with any questions.

What will this project look like?



- •Initial Inspections
 - •Signed Access
 Agreements



- •Initial Inspections
 - •Signed Access
 Agreements

19-R0755 Village of Frankfort

PROPERTY ACCESS AGREEMENT FORM LEAD WATER SERVICE REPLACEMENTS

The Village of Frankfort Lead Water Service Replacement Project will require access to private property to install a new underground water service. The Village and its Contractor (listed below) will require access to the front yard and inside of the building to connect the new water service to the existing water meter location.

The undersigned, ("Customer") grants to the Village of Frankfort ("Village") and to its approved Contractor/Agents an agreement to enter upon the Customer's property at

(address) Frankfort, IL ("Property") for the purpose of replacing any detected lead piping, at no cost to the Customer. The term of the agreement shall be 12 months following the date set forth below or final Village acceptance of the construction project.

For full water service replacement, the Village-approved Contractor will use trenchless methods to install a water service pipe from the water main to a new Village curb stop installation, then from the curb stop installation to the water meter located inside the Customer's Property. The Village will determine the location of the installation. The pipe and any valves or boxes on the street side of the curb stop will be owned and maintained by the Village. The pipe and valves on the building side of the curb stop will be owned and maintained by the Customer.

The methods utilized for Customer water service line installation replacement will leave the majority of the property undisturbed. The Village will provide a warranty of the material and workmanship of the Customer water service line for 12 months following completion of the construction project.

Upon completion of the work necessary to establish the new connection, including disconnection from the old water main, installing the Village water service connection, the Village curb stop installation, and the Customer water service, the Village will restore the Customer's outdoor property as nearly as practicable to its former condition. The Contractor will minimize disturbance indoors at the Customer's Property, and will also restore the indoor area as nearly as practicable to its original condition.

The Contractor will also require access to the building for a preconstruction inspection with photographs and an excavation at the curb box to determine the presence of lead piping.

I understand that this is a voluntary agreement that I may opt out of at any point prior to the day of construction, and that I am not responsible for any damages that are caused by the construction project. I will prepare a proper working environment for the Contractor inside my building, clear of clutter and other impediments. The Village and the Contractor listed below are responsible for notifying me at least 24 hours prior to accessing the property. Upon notice, the Village and approved contactor have access to the property between the hours of 7.00 am and 7.00 pm for one pre-inspection and one water service installation.

- I fully understand what is being offered by the Village of Frankfort as it pertains to the water service replacement and hereby opt IN to participate.
- I fully understand what is being offered by the Village of Frankfort as it pertains to the water service replacement and hereby opt to NOT participate.

Signature: _____ Date:_____
Phone Number:____

Special Provisions - Page 25 of 25

- Construction of LSL can be installed in about 4 hours. We tell the resident they should expect +/- 8 hours (full day)
- Restoration to follow





Project - Investigation





Project – Investigation



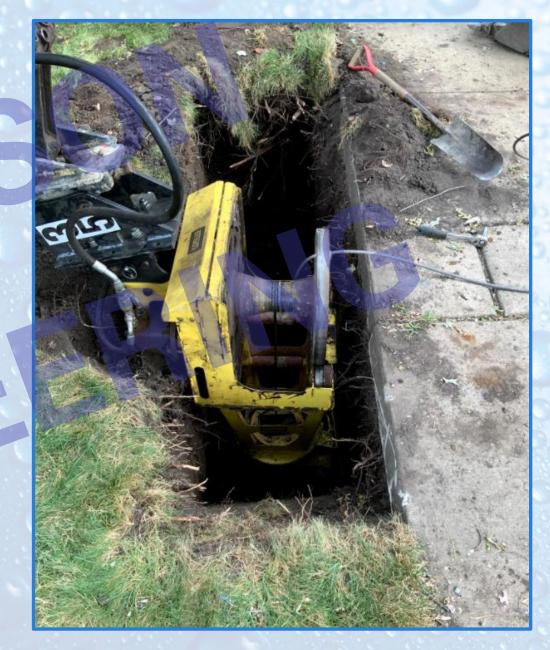


Project - Investigation - Homeowner Concurrence



Project - Exterior Installation



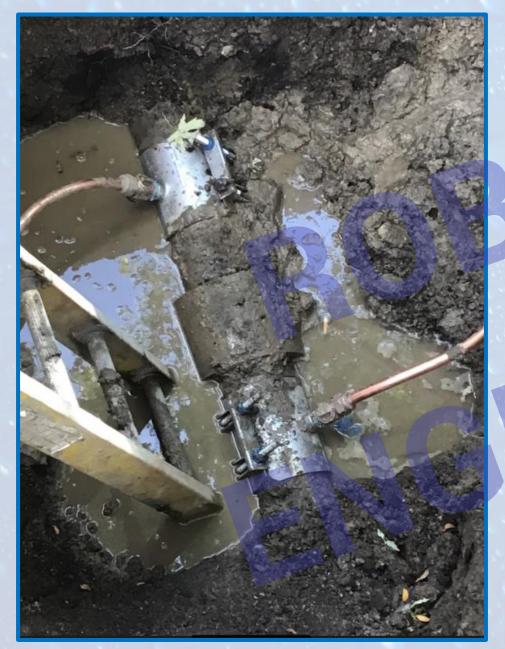


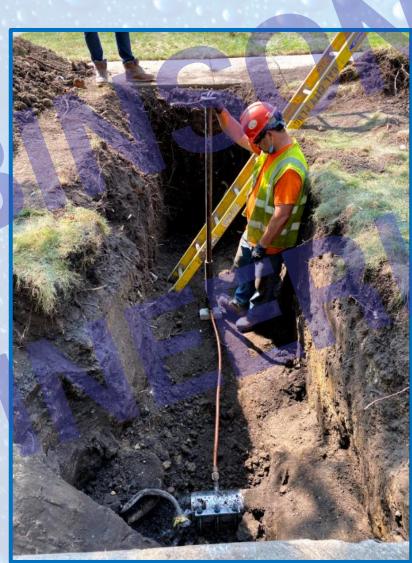
Project – Exterior Installation





Project – Exterior Installation







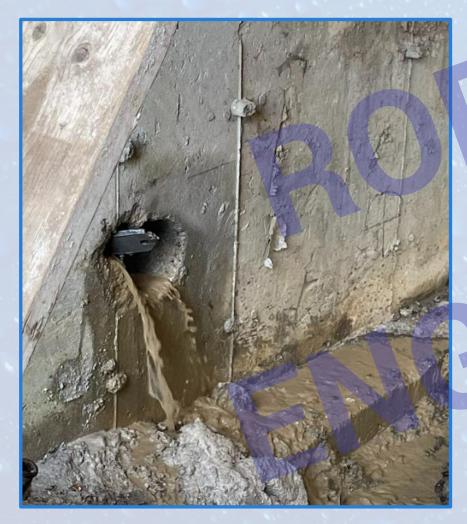
Project – Trenches







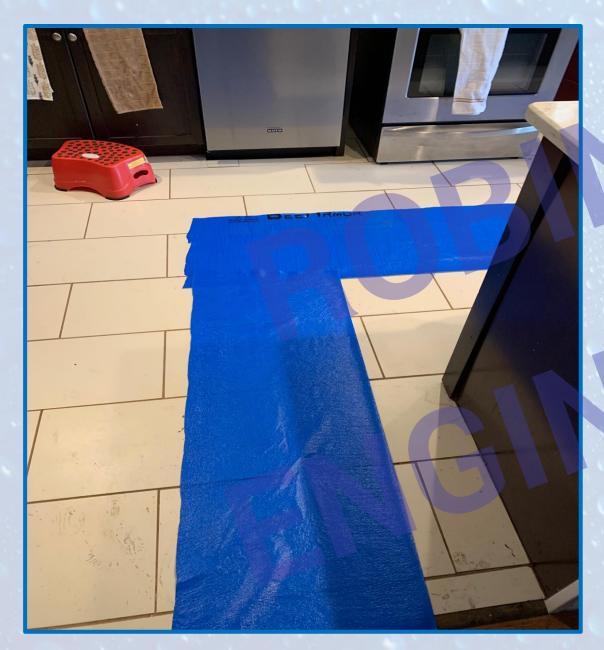
Project – Interior Installation





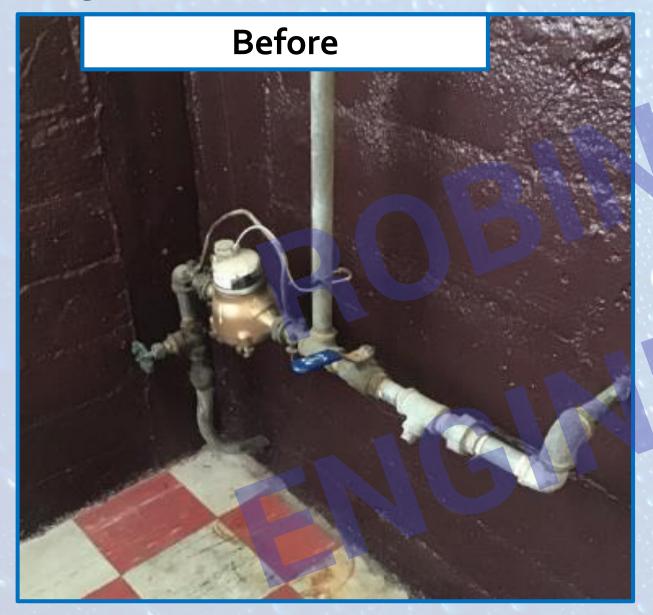


Project – Interior Protection





Project – Interior Protection





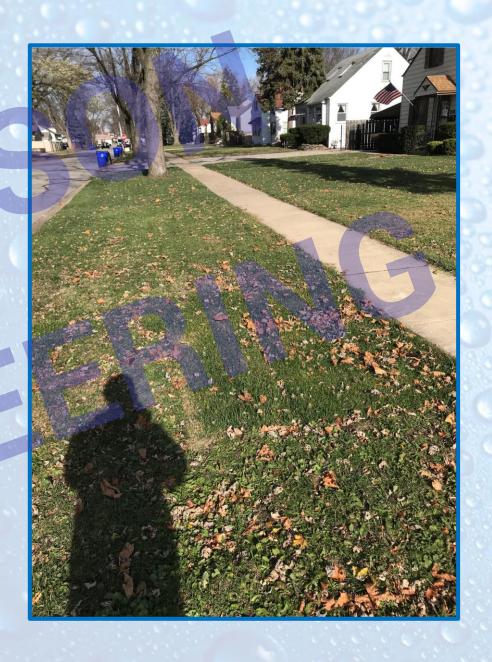
Project - Completion





Project – Completion





Project - Problems

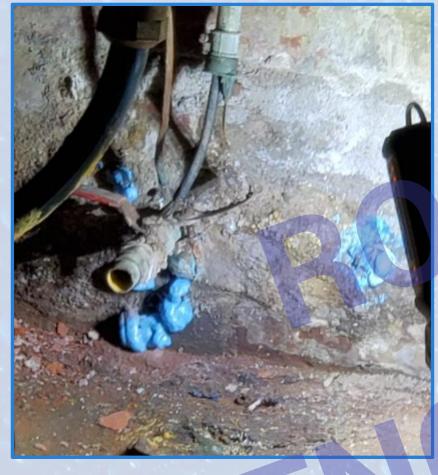
Project – Problems

532 Birch Dr ¾" copper yes 533 Birch Dr ¾" copper yes 544 Birch Dr ¾" copper yes *616 Birch Dr unknown no *c2c *619 Birch Dr ¾" copper yes *c2c *625 Birch Dr ¾" copper yes *c2c *631 Birch Dr ¾" copper yes *c2c
544 Birch Dr 3/4" copper yes *616 Birch Dr unknown no *c2c *619 Birch Dr 9/4" copper yes *c2c *625 Birch Dr 9/4" copper yes *c2c *631 Birch Dr 9/4" copper yes *c2c
*616 Birch Dr unknown no *c2c *619 Birch Dr ¾" copper yes *c2c *625 Birch Dr ¾" copper yes *c2c *631 Birch Dr ¾" copper yes *c2c
*619 Birch Dr
*625 Birch Dr
*631 Birch Dr %4" copper yes *c2c
,
*634 Birch Dr 3/4" copper yes *c2c
635 Birch Dr ¾" copper yes
*639 Birch Dr copper no-per CB text *c2c
*641 Birch Dr 3/4" copper yes *c2c
704 Block St copper no- verified through HO (goes w/ 380 Maxwell)
710 Block St 3/4" copper yes
*721 Block St ¾" copper yes *c2c
*724 Block St 1" copper no-per CB text on 10/16 *c2c
1038 Catalpa Ct 3/4" copper yes
1040 Catalpa Ct copper no-h.o. A Wojciechowski verified-built home
1042 Catalpa Ct copper yes
1044 Catalpa Ct 3/4" copper yes
1046 Catalpa Ct ¾" copper yes
*515 Catalpa St ³ / ₄ " copper ves *c2c
*528 Catalpa St copper no-verified Matt @ BPW 1/25/22 *c2c
*535 Catalpa St 3/4" copper yes *c2c
*541 Catalpa St
*616 Catalpa St 3/4" copper yes *c2c
*618 Catalpa St copper no-verified Matt @ BPW 1/19/22 *c2c
*619 Catalpa St UNKNOWN no-EXPLORE DIG *c2c
*622 Catalpa St copper no-verified CB text 12/10 *c2c
*626 Catalpa St 3/4" copper yes *c2c
*630 Catalpa St
*634 Catalpa St
*635 Catalpa St copper yes *see note in EXPLORE (HS) not digging per BPW
*638 Catalpa St copper no-verified Matt @ BPW 1/25/22 *c2c
*639 Catalpa St 3/4" copper yes *c2c
*642 Catalpa St copper ves *c2c
*643 Catalna St 3/" copper ves *c2c





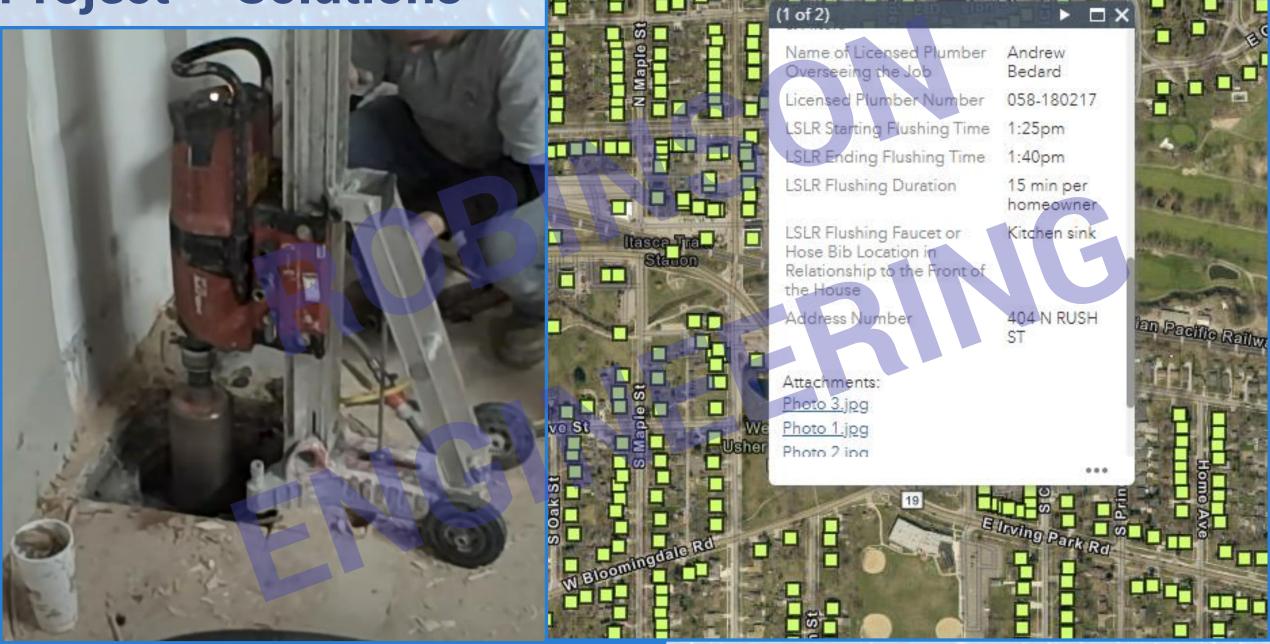
Project - Solutions







Project – Solutions

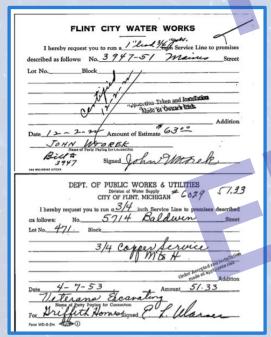


Public Works Involvement - Resources Needed

Staff Involvement



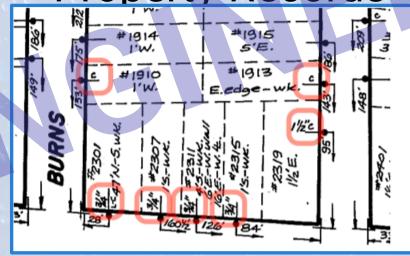
Meter Records



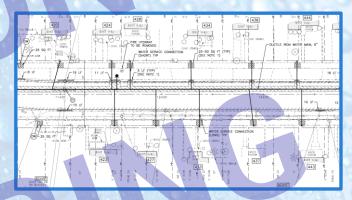
Locating



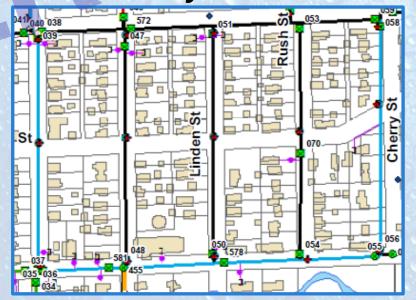
Property Records



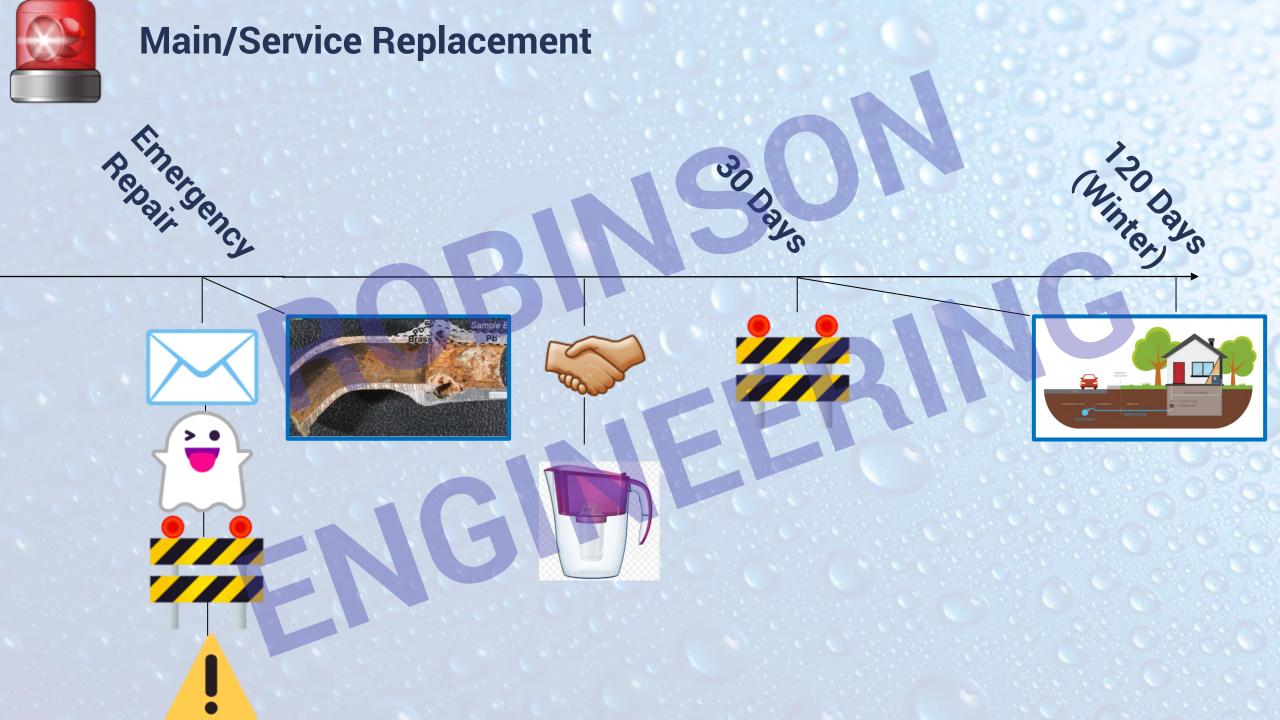
Record Drawings

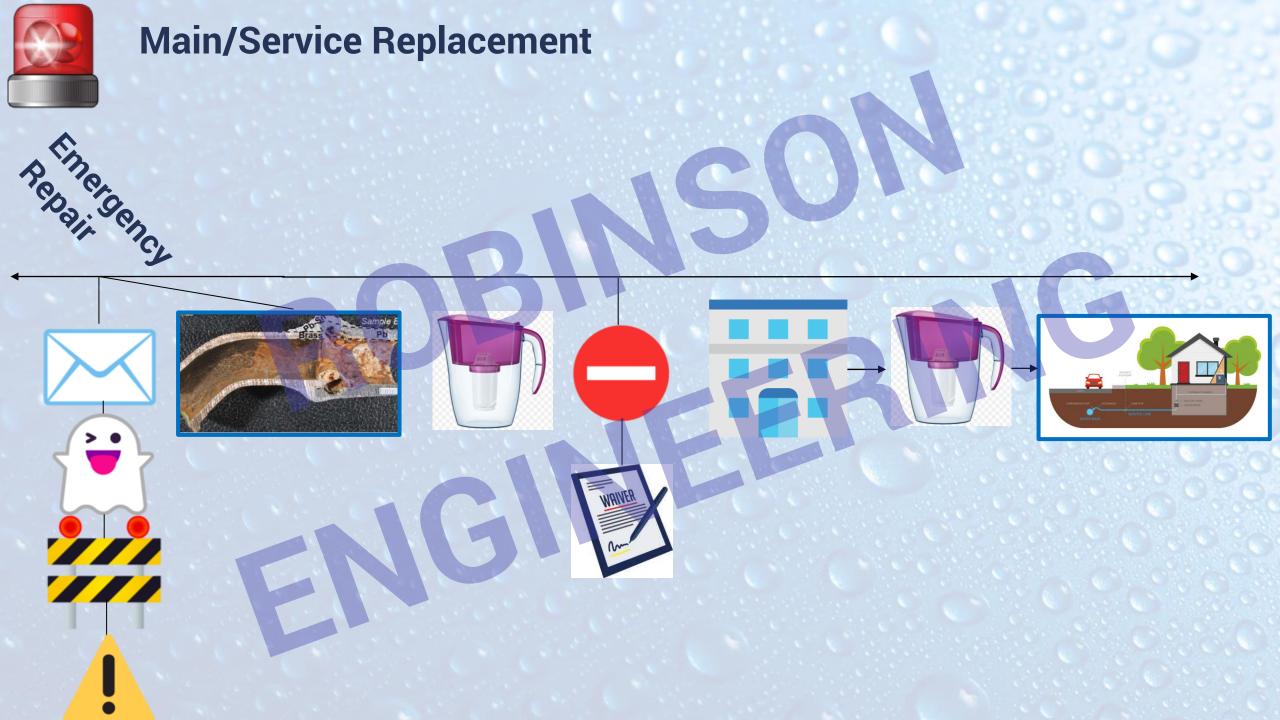


Water System Atlas











Inventory - IDPH Forms

Sections 4 and 5 must be completed by the owner of the affected building identified above and returned to the community water supply.

SECTION 4: Property Owner Information		
Full Name (First Name Last Name)		
Phone	Email	
SECTION 5: DENIAL OF COMPLETE LEAD SERVICE LINE REPLACEMENT		
By signing this waiver, I acknowledge that I am the property owner of the affected property located at the address listed in Section 3 of this form and I have been informed by the CWS that my property has a lead service line. I have read and understand the information provided within this waiver regarding the hazards of lead in drinking water, partial lead service line replacement, and Illinois laws about responsibilities of property owners for providing filters, disclosing the presence of lead water service lines, and requirements for child care facilities.		
□ By signing this waiver, I acknowledge that I am waiving the community water supply's requirement to replace my lead service line in its entirety. I acknowledge that this waiver will result in a partial lead service line replacement and it may be unsafe to drink, cook with, or otherwise consume water from the tap, unless it has been filtered with a filter certified to meet NSF/ANSI Standard 53 and 42.		
Signature	Date	

All parties should retain a copy of this form for their records. The Community Water Supply must also provide notification to IDPH using the electronic forms located at https://dph.illinois.gov/topics-services/environmental-health-protection/lead-in-water.html.

FAILURE BY PROPERTY OWNER TO RESPOND OR SIGN WAIVER FOR PLANNED REPLACEMENT

If the owner of a potentially affected building refuses to sign the waiver or fails to respond to the community water system after the community water supply has complied with subsection (ii), then the community water supply shall notify the Department [IDPH] in writing within 15 working days.

This form should be completed by a representative of the community water supply. This form shall serve as notification to the Department [IDPH] as required by the Lead Service Line Replacement and Notification Act (Public Act 102-0613) and subsection (ii) of the Environmental Protection Act (415 ILCS 17.12).

* Required

COMMUNITY WATER SUPPLY INFORMATION

1. Water System Name *

Enter your answer

2. Water System Number, IL *

Enter your answer

Next

Never give out your password. Report abuse







Tom Nagle 708-210-5690



Jonathan Flowers 815-412-2015



Diane Moeller 224- 908-3983



Michael Giglio 708-868-0074



Suburban Public Works Directors Association