



CITY OF SAGINAW

LEAD SERVICE LINE (LSL) REPLACEMENT PROJECT
2021 DWSRF APPLICATION

PUBLIC HEARING PRESENTATION | June 7, 2021

DWSRF Public Hearing

Purpose

- **Present the Drinking Water State Revolving Fund (DWSRF) Project Plan**
- **Provide a forum for community participation**
 - DWSRF Program Overview
 - Project Plan Summary, Maps, Alternatives Analysis
 - Cost Summary
 - Social and Environmental Impacts
 - Anticipated Timeline
 - Question & Answer

DWSRF Public Hearing

DWSRF Program

- Michigan's Drinking Water State Revolving Fund (DWSRF) program is designed to assist water suppliers in satisfying the requirements of the Safe Drinking Water Act by offering low-interest loans to eligible water suppliers
- New legislation has dedicated \$102 million for disadvantaged community lead service line replacement projects (Booker funds)
 - Construction costs are eligible for loan forgiveness
- **To qualify, the City must:**
 - Submit an EGLE-approvable Project Plan
 - Provide a Public Hearing Presentation and Comment Opportunity on the Plan
 - Pass a resolution adopting the Plan

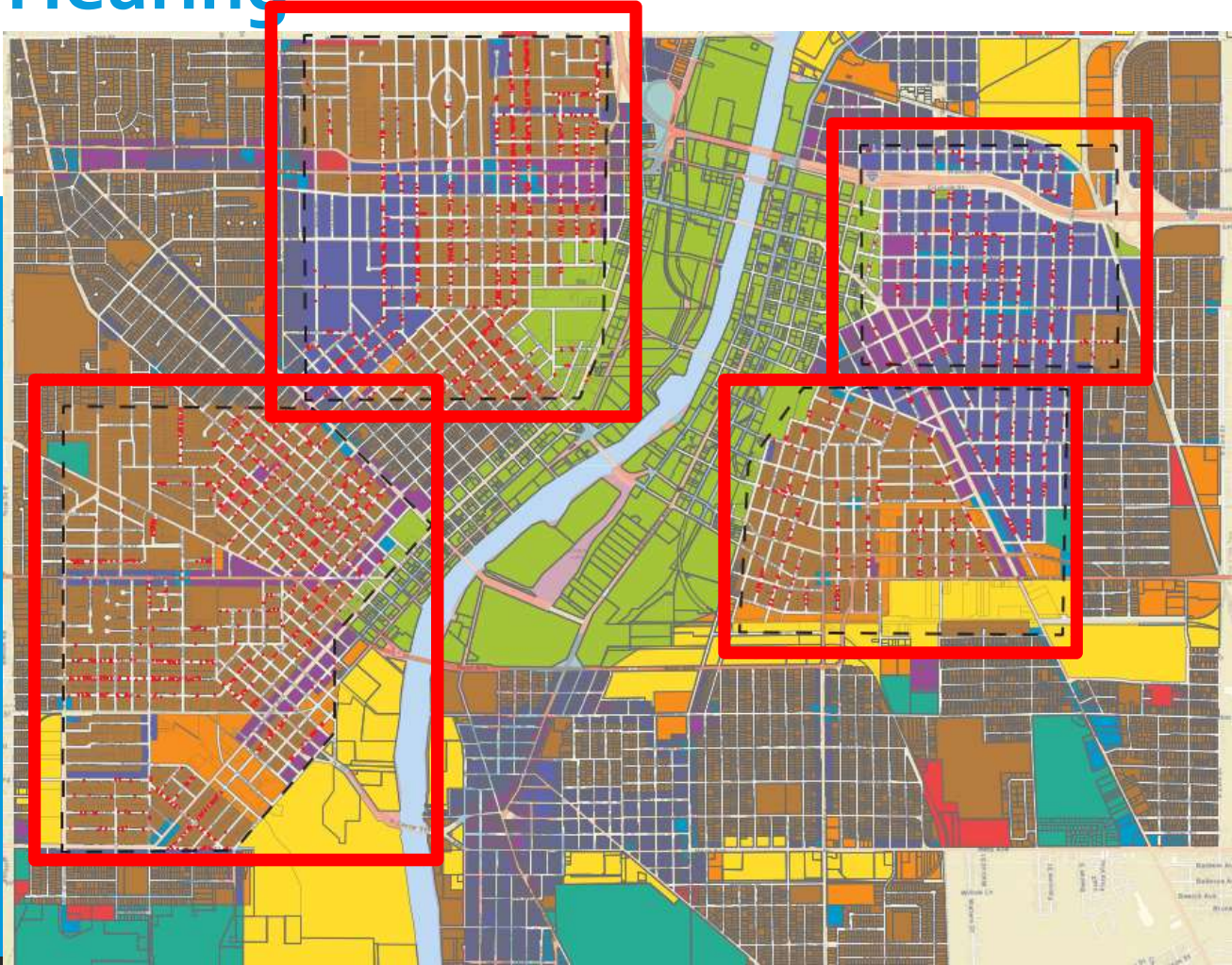
DWSRF Public Hearing

Project Plan

- Project is to replace lead service lines for in-City customers within four areas around the City, based on pipe material verifications
- Intended to maximize a construction loan of \$5,000,000 to complete the work, which is the cap limit set by legislation for the City's population size for the Disadvantaged Community Lead Service Line Replacement program
- Approximately 1,000 to 1,400 LSL's will be replaced with this funding, depending on the bid pricing

DWSRF Public Hearing

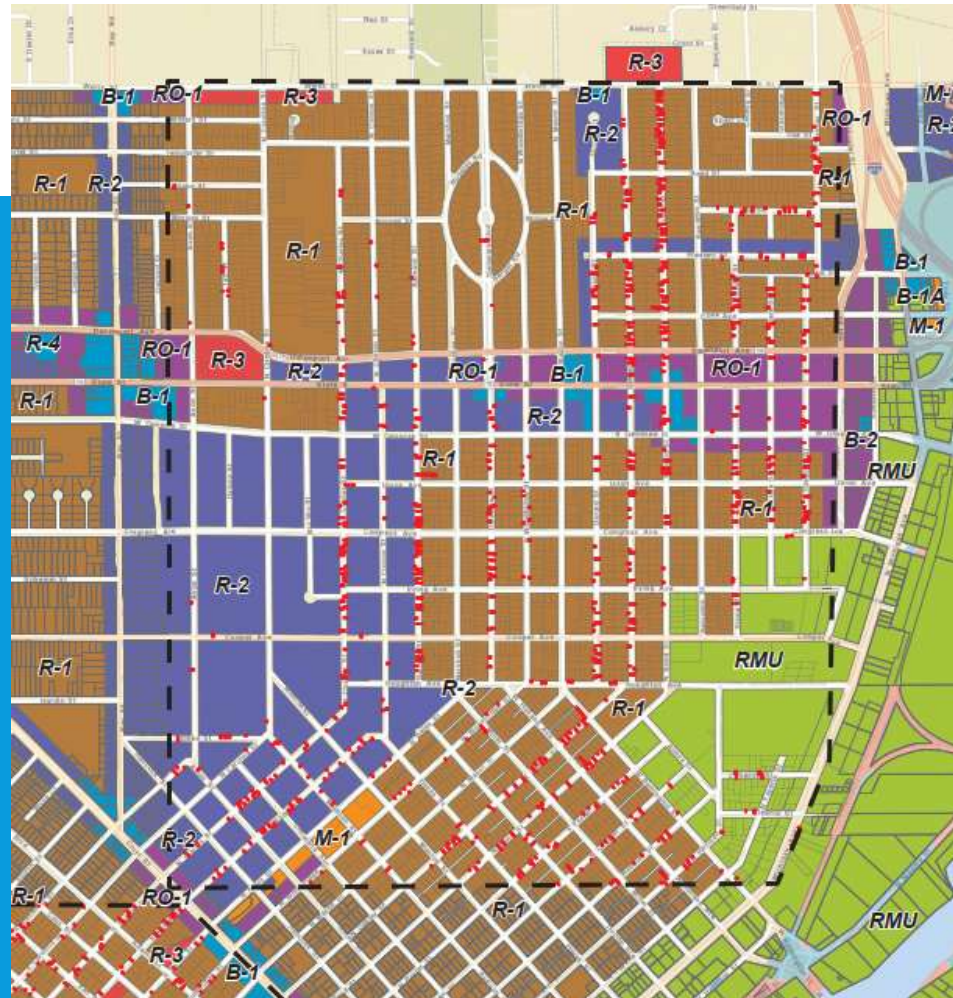
Project
Plan, cont.



DWSRF Public Hearing

Project Plan, cont.

- Area 1 – Northwest
- Bounded by
 - Weiss St.
 - Hill St.
 - Michigan Ave. at W. Remington
 - Court St. at N. Andre St.
 - Avon Street



DWSRF Public Hearing

Project Plan, cont.

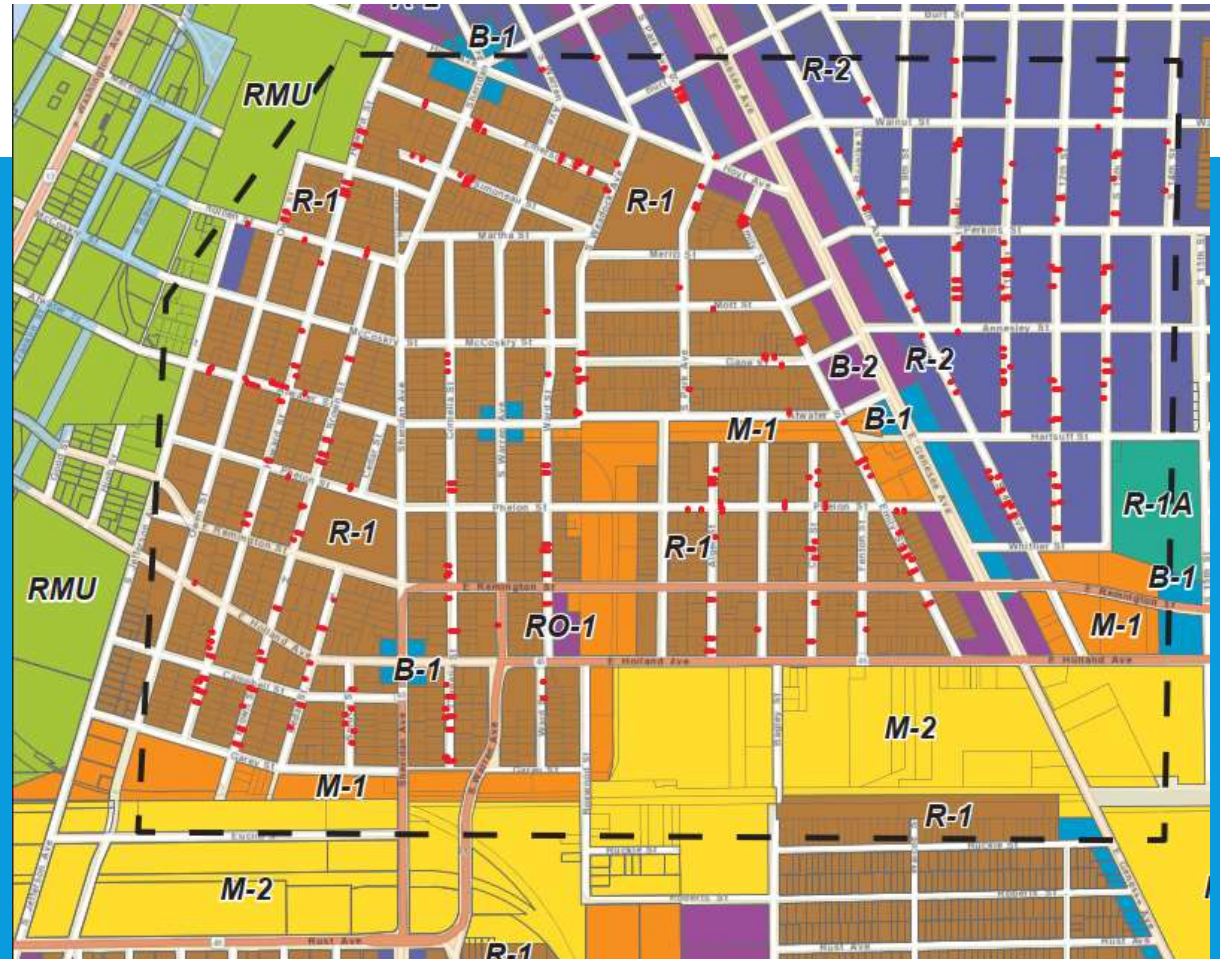
- Area 2 – Northeast
- Bounded by
 - Carroll St.
 - 16th St.
 - Burt St.
 - Cherry St. at S. Warren Ave.
 - S. Park Ave



DWSRF Public Hearing

Project Plan, cont.

- Area 3 – Southeast
- Bounded by
 - Hoyt Ave. & Burt St.
 - 14th St.
 - Euclid St. & Ruckle St.
 - Cherry St. at S. Warren Ave.
 - S. Jefferson Ave.



DWSRF Public Hearing

Project Plan, cont.

○ Area 4 – Southwest

○ Bounded by

- Mackinac St at Wright St.
- Court St.
- S. Michigan & Queen St.
- Cherry St. at S. Warren Ave.
- Salt St.
- W. Michigan Ave.
- S. Wheeler St.



DWSRF Public Hearing

Project Plan, cont.

Alternatives Analysis

1. **NO ACTION** - No Action is not a viable alternative, as it would put the City in violation of the Lead & Copper Rule. The Rule requires replacement.
2. **OPTIMUM PERFORMANCE OF EXISTING FACILITIES** - Optimization is not a viable alternative, as lining or coating of the service lines would put the City in violation of the Lead & Copper Rule. The Rule requires replacement.
3. **REGIONAL ALTERNATIVES** - Regionalization is not a viable alternative, as it does not address the problem which is the required replacement of lead service lines within the system.
4. **REPLACEMENT OF LEAD SERVICE LINES** - The only option for this project is to physically remove and replace lead service lines that have been identified by the City.

DWSRF Public Hearing

Cost Summary

	Alternate 4 LSL Replacement
Capital Improvement Costs	\$5,000,000
Present Worth	\$5,000,000
O&M Costs	\$0
Salvage Value	\$0
Interest During Construction	N/A
Additional Quarterly Cost/REU (due to principle forgiveness)	\$0

DWSRF Public Hearing

Social & Environmental Impacts

- No adverse **environmental** impacts
- The direct **social** impacts are mostly unfavorable in the short-term, but very favorable in the long term.
 - The short-term social impacts include building access and traffic flow inconveniences during construction.
 - The long-term social impacts are the health benefits and peace of mind from having service lines that do not contain any lead.
- The **economic** impact of this project is favorable, such that homes can be bought/sold, knowing the service lines do not contain lead. Additionally, due to anticipated loan forgiveness, no adverse impact on user rates.

Anticipated Timeline



State's List of Fundable Projects



Bid Advertisement Published by 12/20/2021



Loan Closing



Construction Begins

This Photo by Unknown Author is licensed under [CC BY-NC-ND](https://creativecommons.org/licenses/by-nc-nd/4.0/)