



ENGENUITY  
INFRASTRUCTURE

# BOROUGH OF RED BANK TEST PIT AND LSLR PROJECT OVERVIEW

# Agenda

1

## LSLR Program Overview

Review of completed and upcoming milestones for LSLR identification and replacement program

2

## Overview of Red Bank's Phase 1 Test Pitting and LSLR Project

Review of 2023-24 LSLR project

3

## Overview of Red Bank's Phase 2 Test Pitting and LSLR Project

Review of 2024 LSLR project

# LEAD SERVICE LINE REPLACEMENT PROGRAM OVERVIEW

- In July 2021, Governor Phil Murphy signed into law P.L.2021, Ch.183, which requires community water systems in NJ to identify all lead service lines, provide public notification regarding the presence of all lead service lines, and replace all lead service lines by 2031. Lead service line inventories must be posted on the websites of water systems by January 2022. The law includes a requirement for community water systems to notify residents who have lead service lines.
- The Federal Lead and Copper Rule Revisions (LCRR) requires all utilities to submit a LSLRP Plan by October 16, 2024, which will be similar to the New Jersey plan, along with notifications to all those with lead, galvanized or unknown services.- *Therefore targeting October 2024 to identify all unknowns.*
- ✓ 2023 Updated Lead Service Line Inventory- *Completed 7/10/23;*
- ✓ 2023 Progress Report- *Completed 7/10/23; the number of known lead services for 2023 was 356.*
- ✓ 2023 Lead Service Line Identification and Replacement Plan- *Completed 7/31/23 the strategy has been updated to reflect identification of all unknowns by 10/24 and achieve 100% replacement by 2031.*
- ✓ 2023 Certified Letters to all known lead and galvanized - *Completed 8/10/23*

# LEAD SERVICE LINE REPLACEMENT PROGRAM OVERVIEW

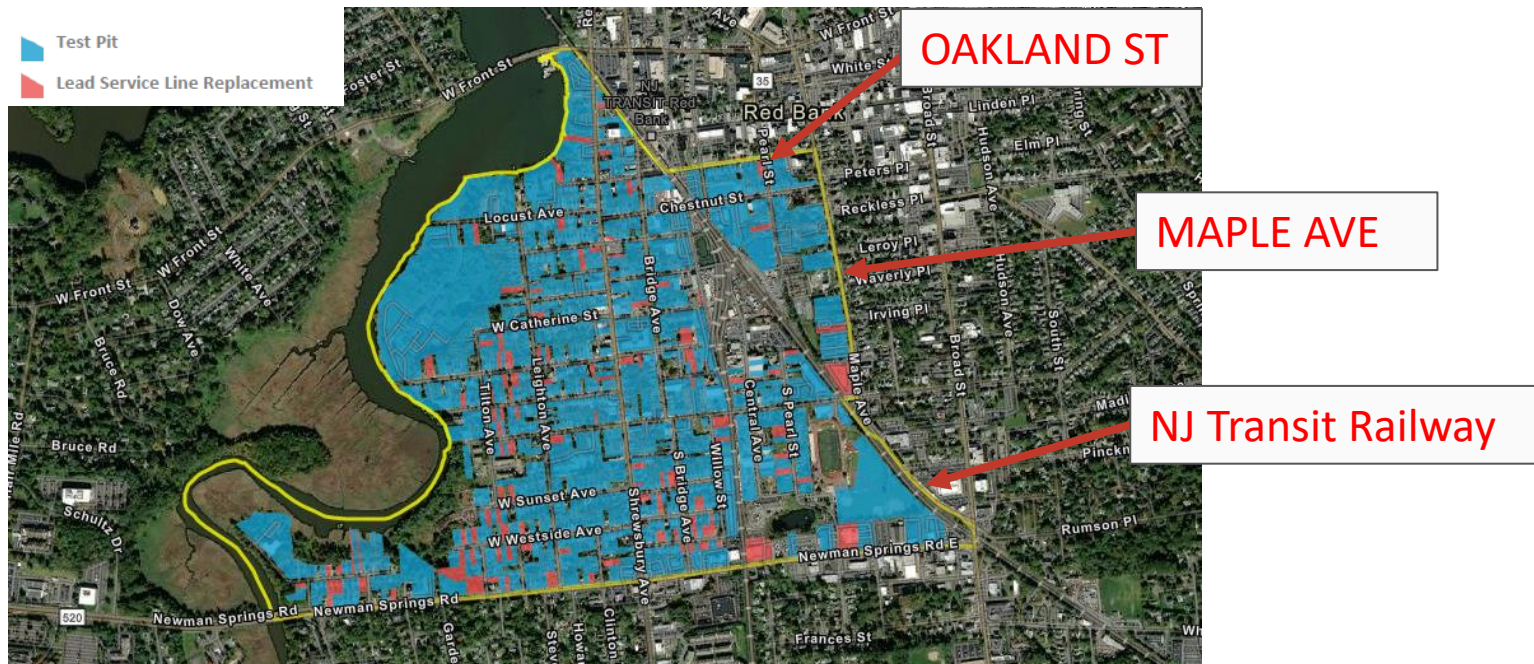
- ❖ 2024 Updated Lead Service Line Inventory- *Due 7/10/24; this will be submitted by Tom Branch*
- ❖ 2024 Progress Report- *Due 7/10/24; this will be submitted by Tom Branch; the number of known lead services and unknowns for 2023*
- ❖ 2024 Lead Service Line Identification and Replacement Plan- *Due 7/31/24*
- ❖ Update GIS to reflect results of test pit program Phase I and II
- ❖ 2024 Certified letters sent to all known lead & galvanized service lines- *Due by 8/10/24*
- ❖ By November 15, 2024 the Borough would need to send letters to all lead, galvanized, and unknowns, Phase I Program will handle 1,000 unknowns in Census Tract 803400 and Phase II will handle the rest of the unknowns, approximately 2,000.

Service Line Category (as of May 2024)		
Unknown	1,999	51%
Non-Lead	1,419	37%
Lead/Galvanized	463	12%
Total	3,881	100%



# Phase 1 Lead Service Line Replacement Program Overview

- **I-Bank funded project in Census Tract 803400**
  - 345 Lead Service Line Replacements
  - Approximately 1,020 Test Pits to Identify Unknowns
  - 50% Principal Forgiveness
  - Awarded to Montana Construction Corp for \$2,686,750
  - Additional 100 water service replacements (completed) \$461,500



# Final Restoration of Phase 1 Program

- Final restoration includes removal of asphalt patching in sidewalk areas and replacement with concrete sidewalks.
- Topsoil, seed, and straw mulch of all test pit locations.
- As of 5/9/2024 the final restoration is 98% complete

BEFORE



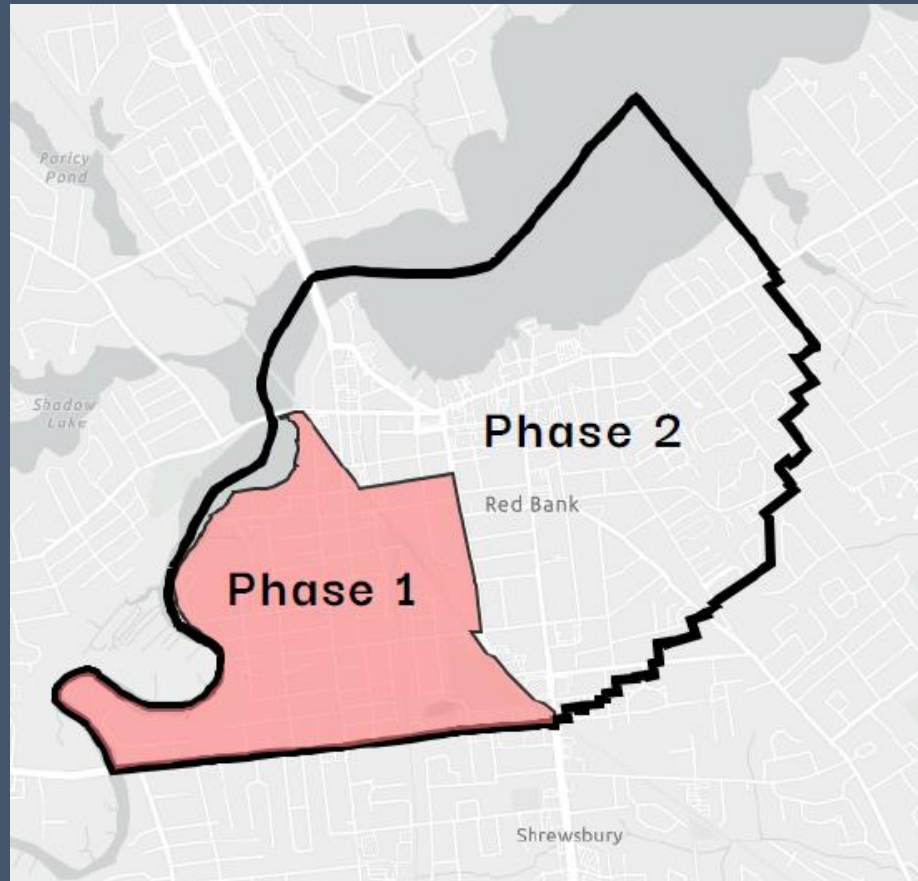
AFTER



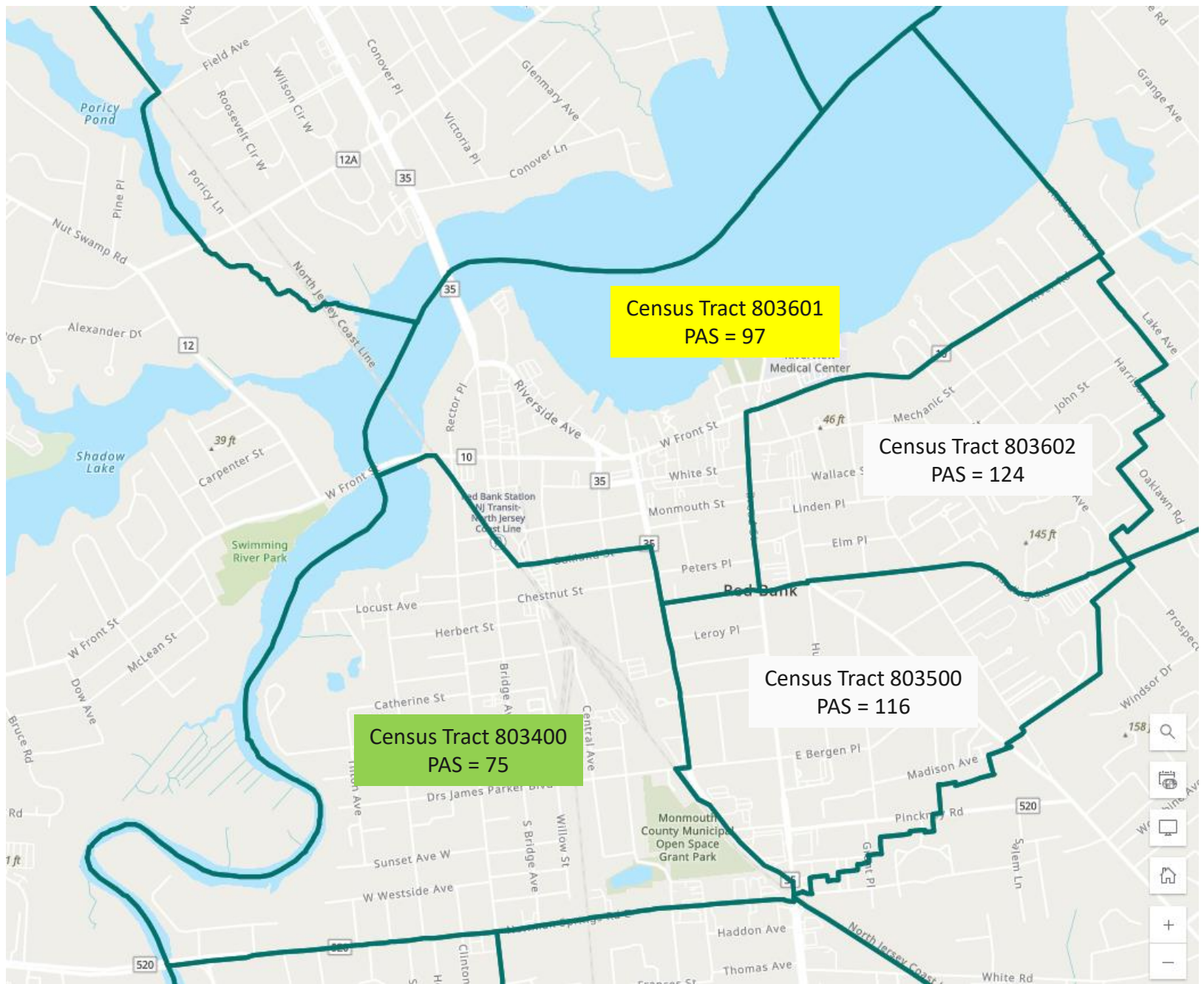
# Phase 2 Lead Service Line Test Pit and Service Replacement Overview

- I-Bank funded Project (\$8.8M loan with 50% principal forgiveness in Census Tract 803400)
  - This phase is broken down into two parts
  - Design of this project started February currently in NJDEP review
- | Bid Proposal A  | Bid Proposal B   |
|---|--|
| <ul style="list-style-type: none"><li>• Located in Census Tract 803400</li><li>• Full Length Water Service Replacement = 152</li><li>• Partial Length Water Service = 48</li><li>• 50% Principal Forgiveness</li><li>• Estimate = \$1,814,750</li></ul> | <ul style="list-style-type: none"><li>• Test Pit the unknown and lead /galvanized addresses in the Borough to identify all service materials</li><li>• Approximately 2,000 Test Pits</li><li>• Approximately 75 Water Service Replacements for Emergencies</li><li>• No Principal Forgiveness, but Interest Free Loan in certain tracts</li><li>• Estimate = \$2,537,200</li></ul> |

# PROJECT PHASES





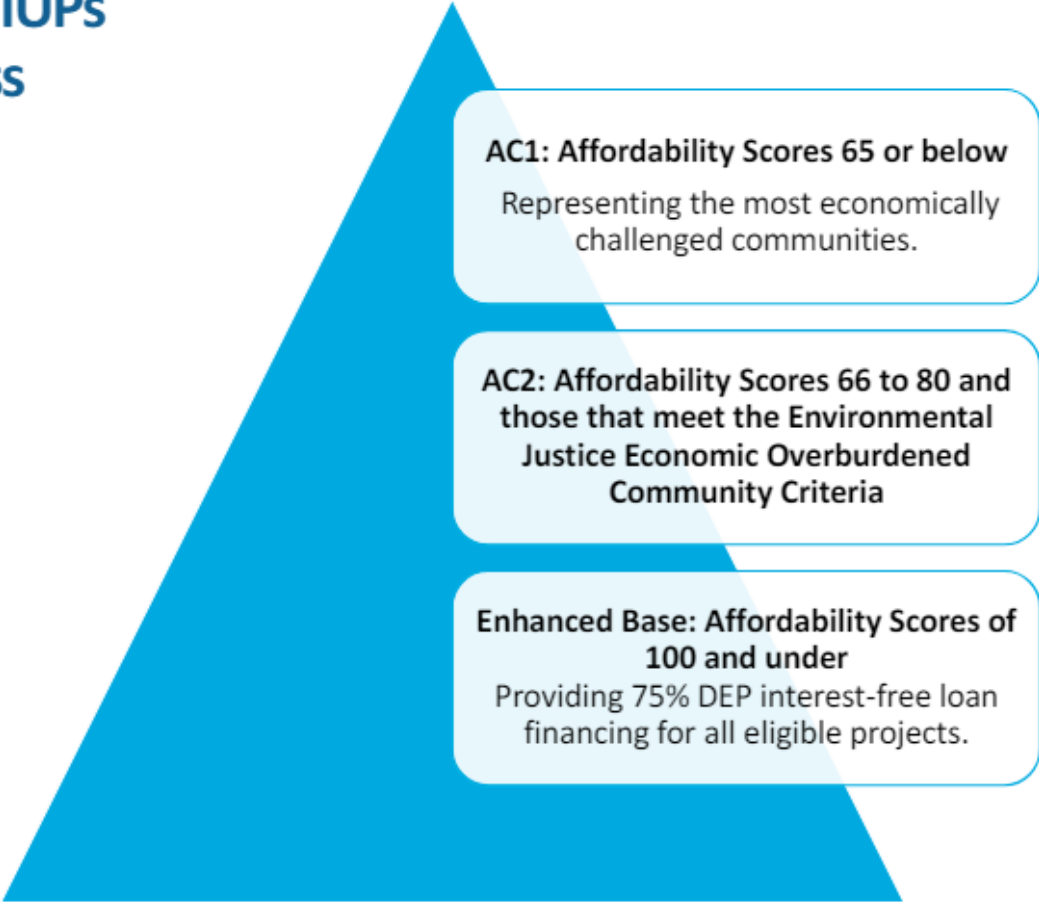


# SFY25 CWSRF and DWSRF IUPs

## Tiered Principal Forgiveness and Enhanced Base by Affordability Scores

### Tiered Packages

- *CWSRF Affordability*
- *CSO Affordability*
- *DWSRF Affordability*
- *Leas Service Line Replacement*



**AC1: Affordability Scores 65 or below**  
Representing the most economically challenged communities.

**AC2: Affordability Scores 66 to 80 and those that meet the Environmental Justice Economic Overburdened Community Criteria**

**Enhanced Base: Affordability Scores of 100 and under**  
Providing 75% DEP interest-free loan financing for all eligible projects.

## Affordability Criteria & Disadvantaged Communities

A project (CW or DW) that meets either of the following two criteria are considered to have satisfied the **State's Affordability Criteria**:

- **Project Affordability Score** of 80 or less; or
- The project meets **Environmental Justice Economic Overburdened Community Criteria**.

**Project Affordability Score = MHI – UE – PT**

- **Median Household Income Factor (MHI)** = 100 X (Municipality MHI/State MHI)  
(Rounded down to the nearest integer)
- **Unemployment (UE) Factor** = 1 if Project County Unemployment Rate > State UE Rate
- **Population Trend (PT) Factor** = 1 if Project PT < State PT

An **Environmental Justice Economic Overburdened Community** is determined when at least 35% of households qualify as low-income households (at or below twice the poverty threshold in accordance with the most recent United States Census as determined by the United States Census Bureau).



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