

# Spirit 2 Force Main Improvements (12628) Virtual Town Hall

September 20, 2023

## Today's Roadmap

- Technology Overview and Ground Rules
- Overview of MSDPC
- Project Overview and Specifics
- FAQs
- Q&A



## Notes on our Virtual Town Hall Platform

- Participants are in listen-and-view mode
- There are several ways to engage
  - Type your question using Q/A icon at the bottom of your screen at any time (even before the Q/A portion has begun)
  - Everyone can read all questions posed and you can “Upvote” questions you want answered

# MSD Project Clear (MSDPC) Overview & Details

- Government Utility
  - State Constitution
  - Voter Approved Charter in 1954
  - 6 Member Board of Trustees (3 City & 3 County)
- Two utilities: Wastewater & Stormwater
- 520 square mile service area
  - All of St. Louis City
  - 87% of St. Louis County
- ~1,300,000 customers
- 88 municipalities served
- 7 Treatment Plants
- 350+ million gallons per day of wastewater treated
- 4,700+ miles of wastewater sewers
- 1,800+ miles of combined sewers
- 3,000+ miles of stormwater sewers
- 4th largest sewer system in the United States (as measured by miles of sewers handling wastewater)



# Spirit 2 Force Main Improvements (12628)

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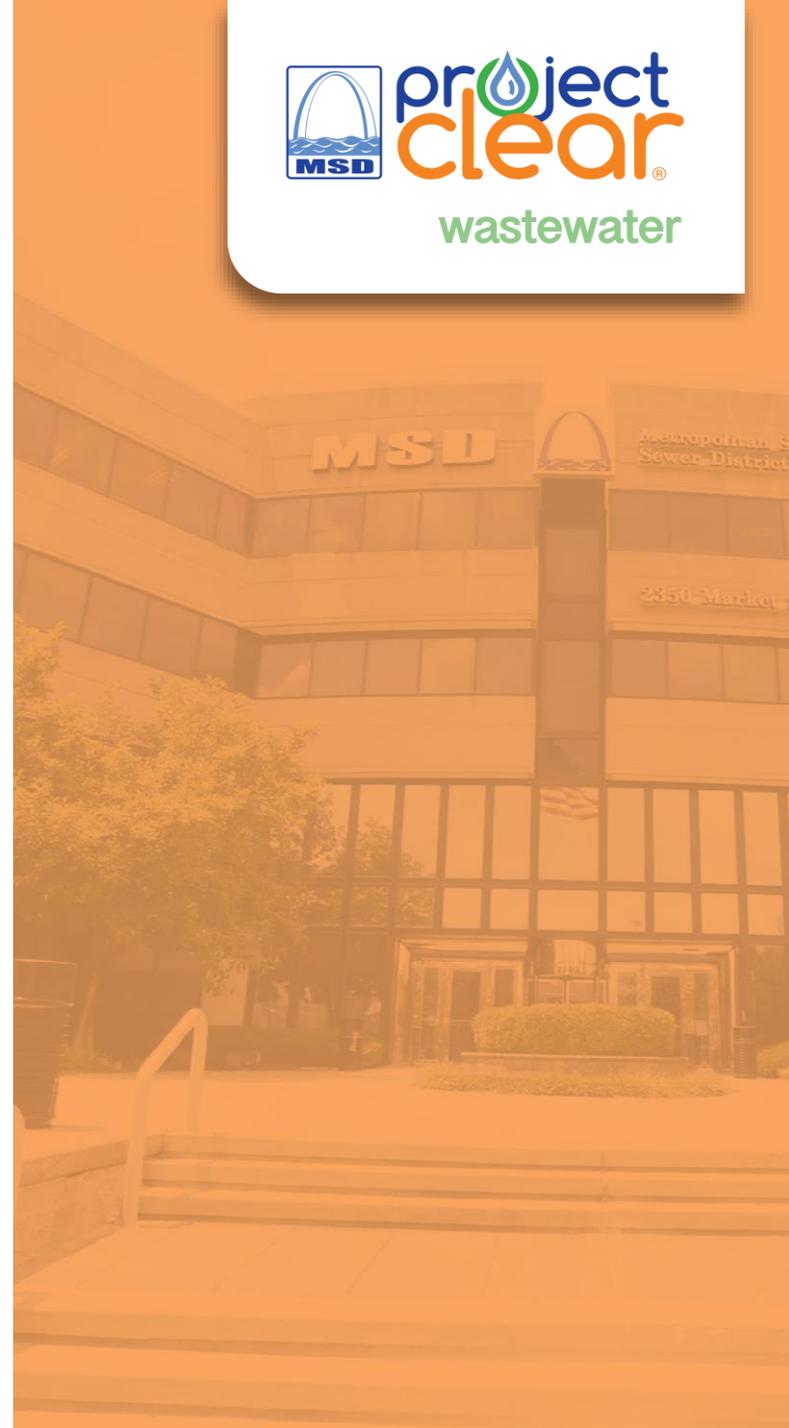
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# Project Overview



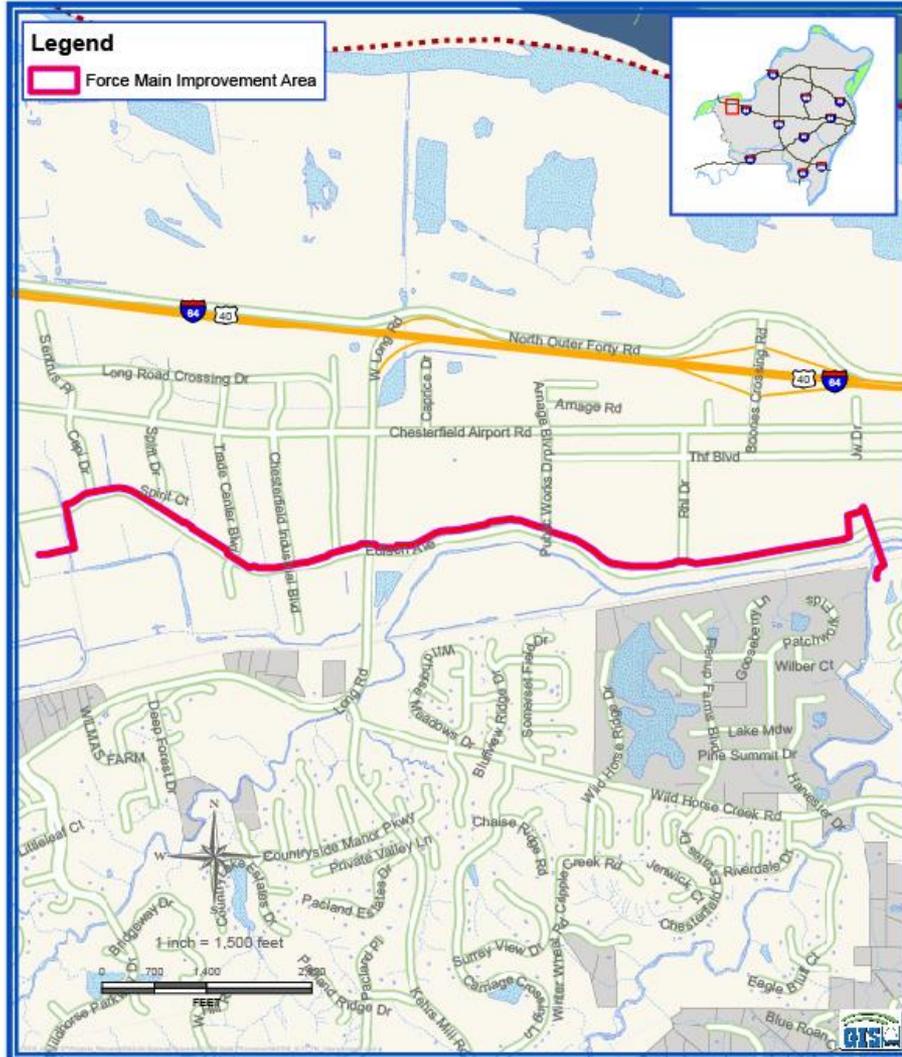
- General Goal
  - Replace aging wastewater pipe with a new pipe identical in size
- Project Scope
  - Replace approximately 13,900 feet of 12-16" diameter force main sewer
  - Abandon 37,550 feet of 20-24" diameter force main sewer
- Benefits
  - New pipe
  - Reduce basement backups
  - Cleaner waterways



# Project Map - Improvements

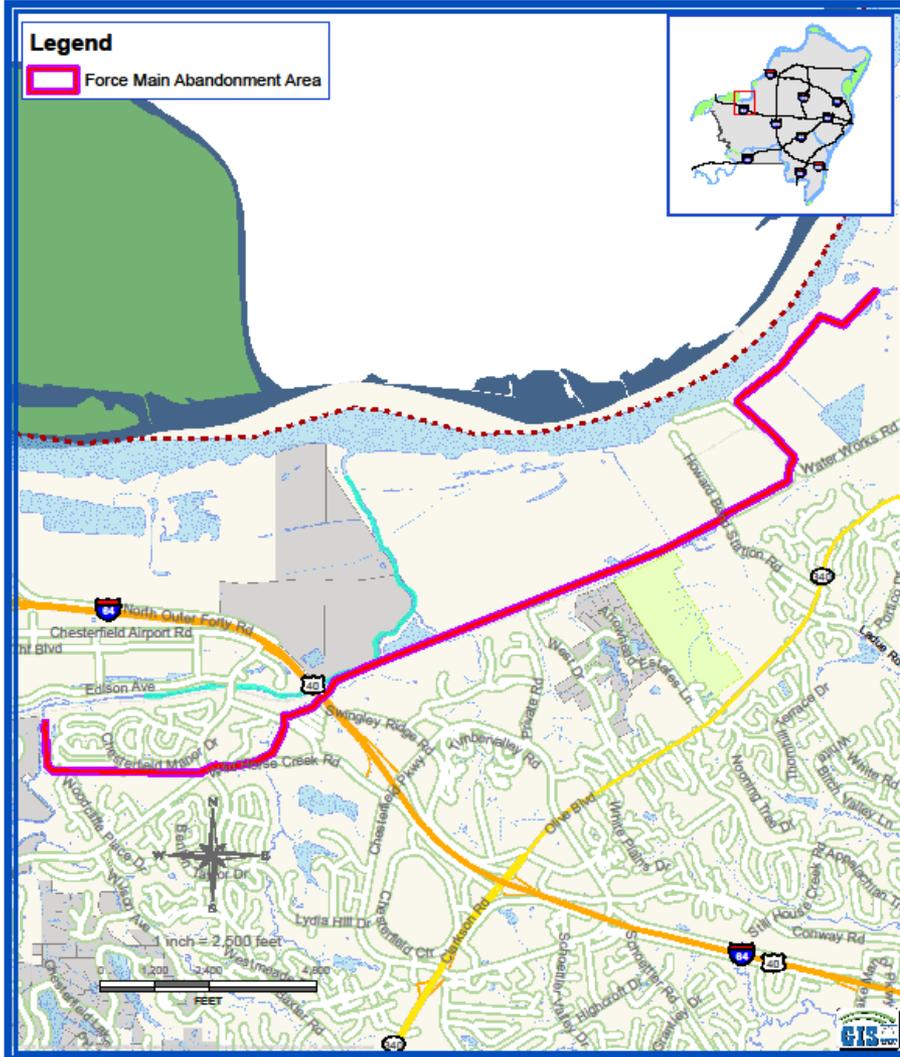


The Metropolitan St. Louis Sewer District  
Spirit 2 Forcemain Improvements (12628)



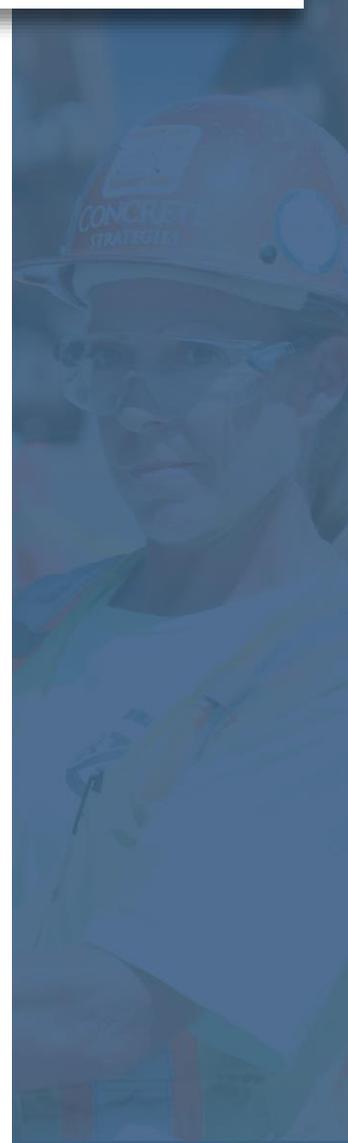
- Easement acquisition:
  - **Fall 2025**
- Estimated start:
  - **Early 2026**
- Estimated duration:
  - **1.5-2 years**

# Project Map - Abandonment



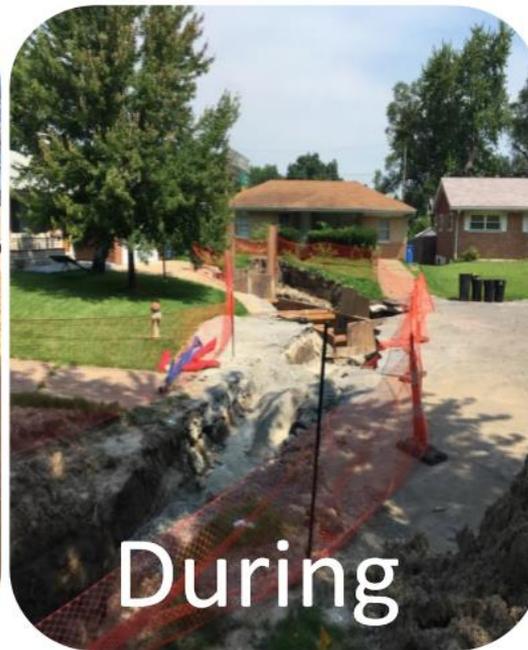
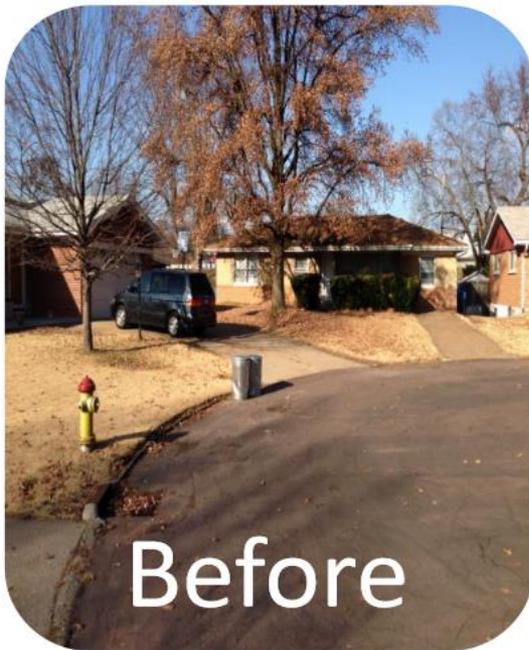
# What can rate payers expect?

- Trenches or “open-cut” excavation
- Construction noise during normal business hours
- Traffic Control Plan and access issues
  - Lane and road closures will temporarily affect traffic
  - Temporary access restrictions to residential properties
  - Contractor will notify property owners before access restrictions



# How will it look when construction is finished?

- Trenches backfilled soon after pipe is installed
- Roadway and sidewalk restoration
- Private property restoration



## FAQs

- Will this work disrupt sewer or other utility services?
- Will trees be removed as part of this project?
- Will construction affect access to my property entrance?
- Will emergency vehicles have access to my property during construction?



# Questions?

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