

Watkins-Spanish Sanitary Relief (12271) Virtual Town Hall

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)



Watkins-Spanish Sanitary Relief (12271)

Sam Bush, PE

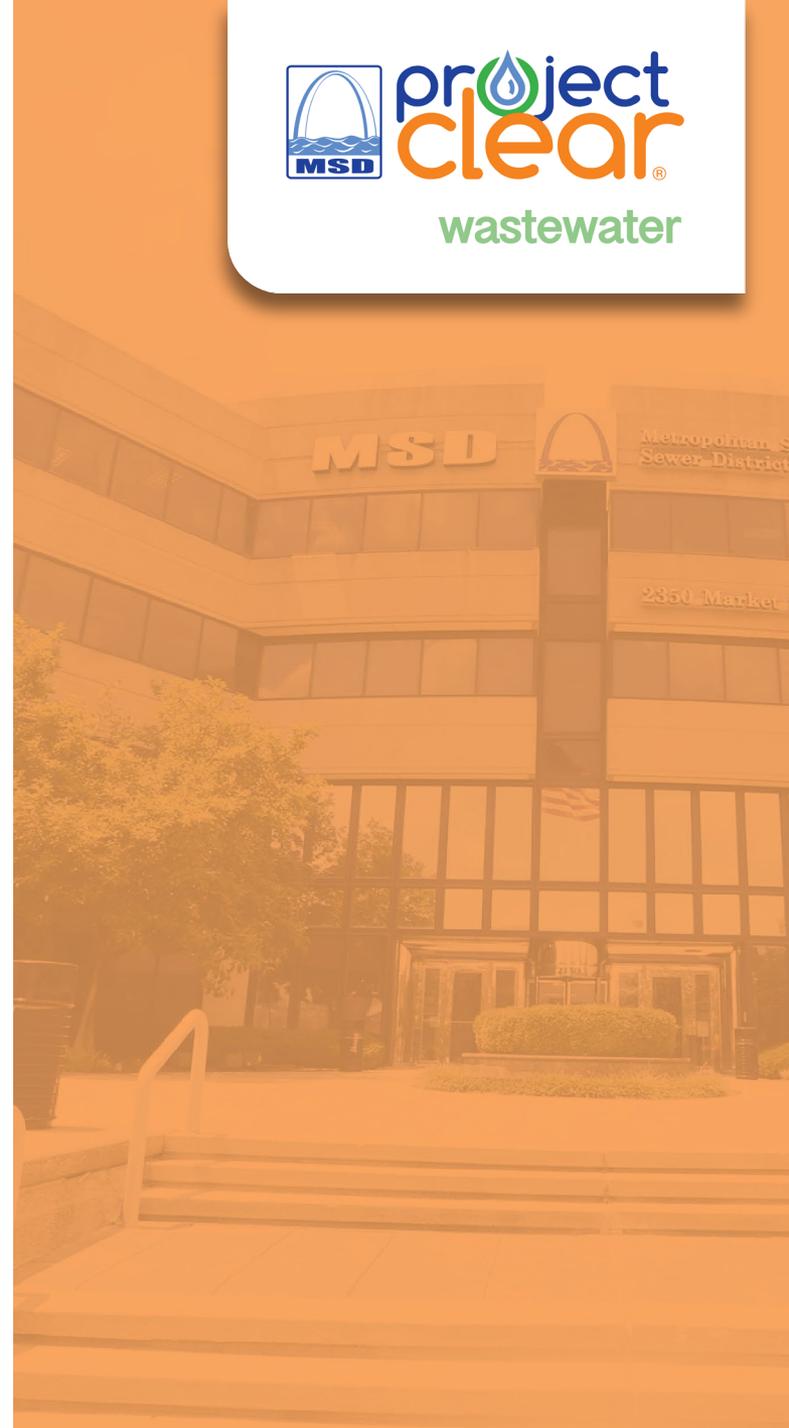
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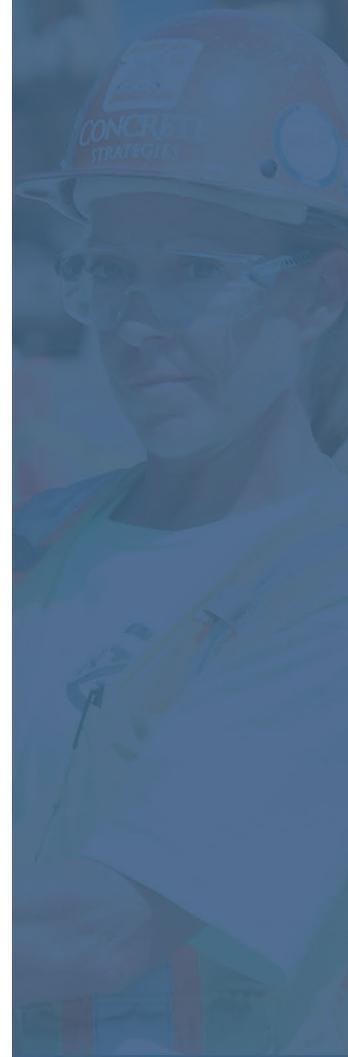
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Project Overview

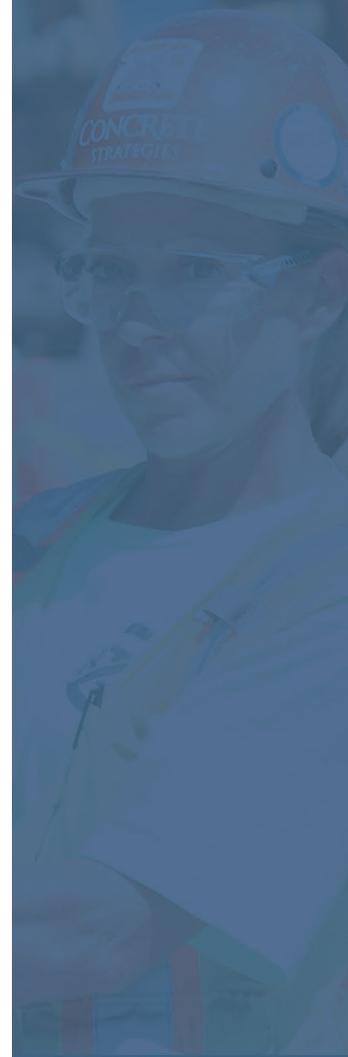
- Origin of Project
 - Customer Complaints
 - Engineer review found wastewater sewers to be undersized
- Project Goal
 - Replace current 18” to 24” sewer with 27” sewer
- Benefits
 - Increase system capacity and reduce basement backups





Project Facts

- 2,305 feet of new wastewater sewer
- Pipe size will increase from 18 to 24-inch to 27-inch diameter pipe
- Approximately 10-30 feet deep



How it will be built

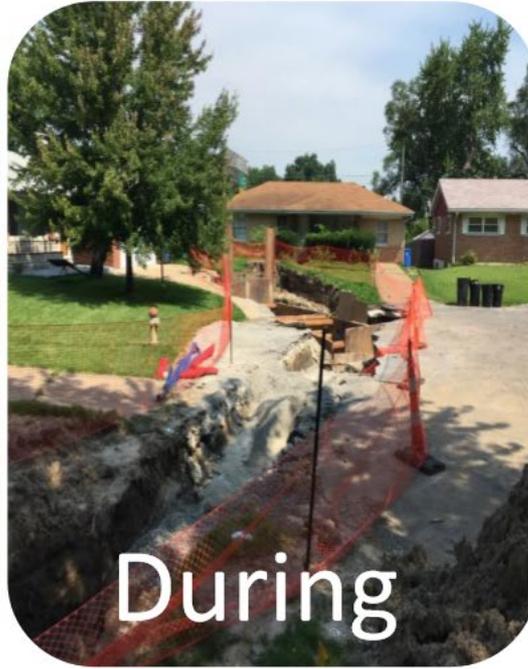
- Construction Method
 - Dependent on the Contractor but will most likely be open cut
- Equipment
 - Excavators, Dump trucks, Trench boxes, etc.
- Materials during construction
 - Granular backfill
 - Soil stockpile
 - Stockpiled pipe
- Restoration



What can residents expect?

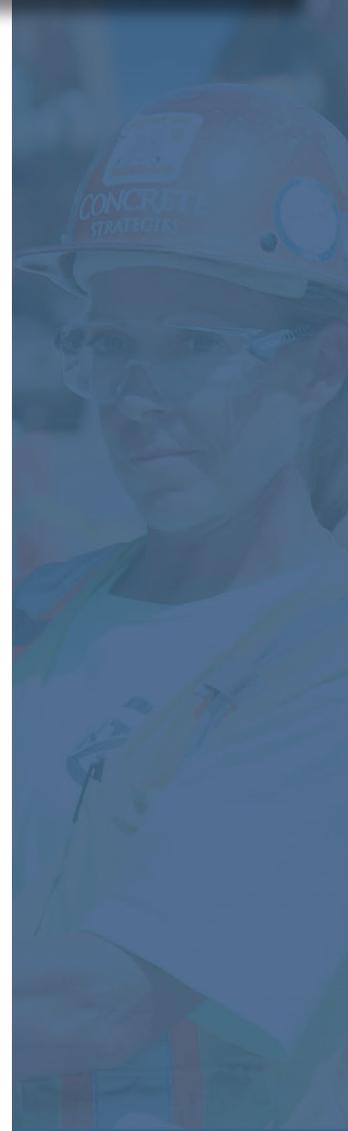
- Easements for access to private property
- Anticipated road closures/traffic impact
- Anticipated access issues (residential/commercial)





Tentative Construction Schedule

- Easement Acquisition
 - Early 2023 to early 2024
- Design Completion
 - Fall 2022
- Estimated start date
 - Fall 2024
- Estimated duration
 - Approximately 18 months



FAQs

- Will there be any disruption to sewer service or any other utilities?
- Will construction affect access to driveways or properties?
- Will trees be removed as part of this project?



Questions?

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