

Hathaway Drive Sanitary Relief (project #13432)

Tuesday, August 17, 2021

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

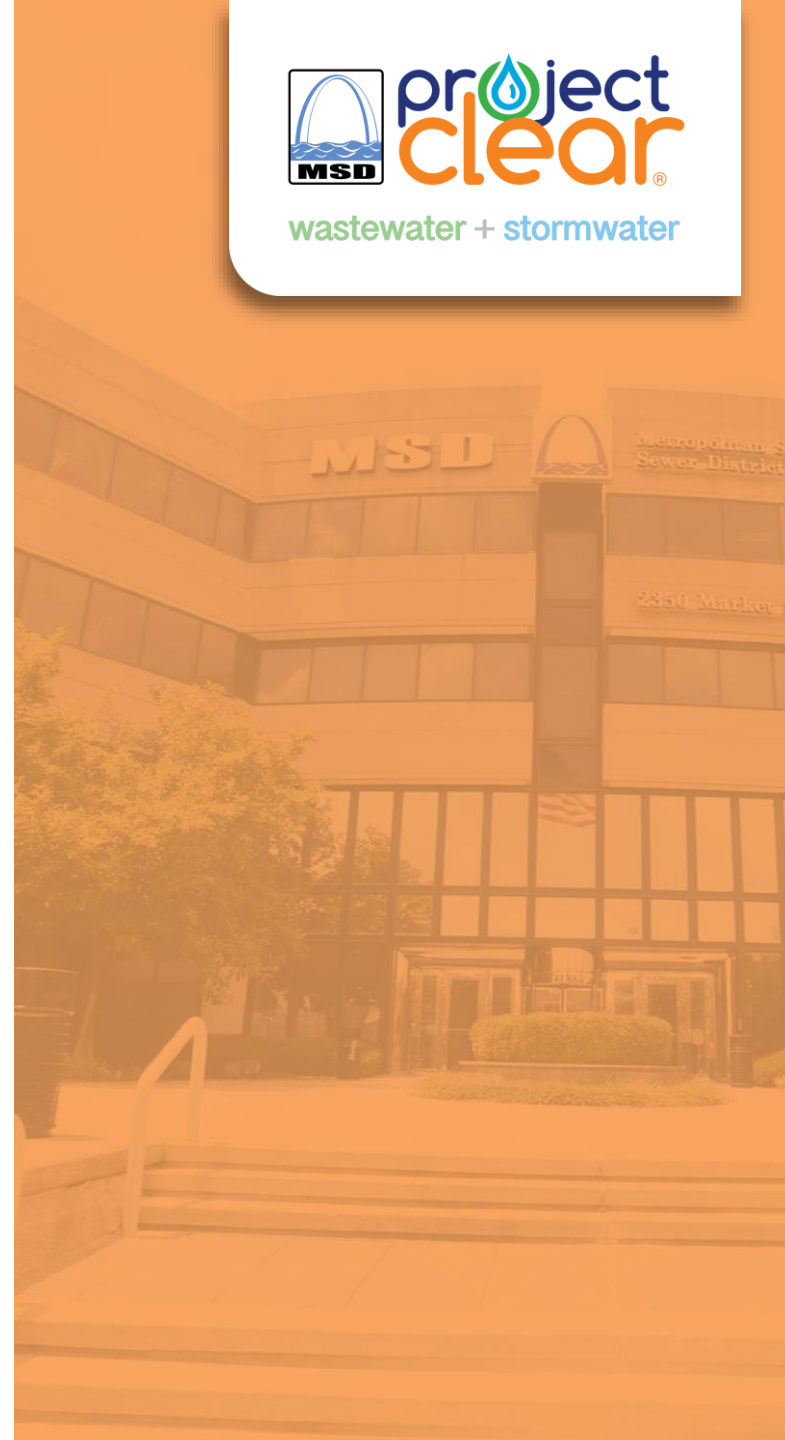
MSD Project Clear (MSDPC) Overview & Details

- 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)

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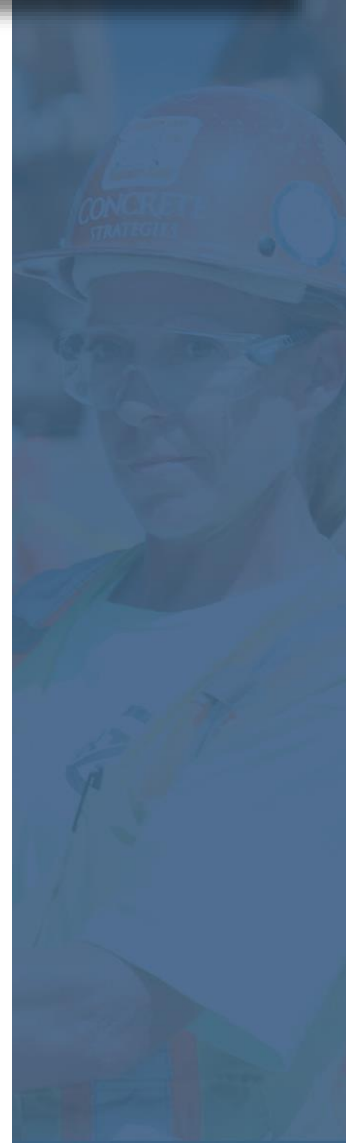
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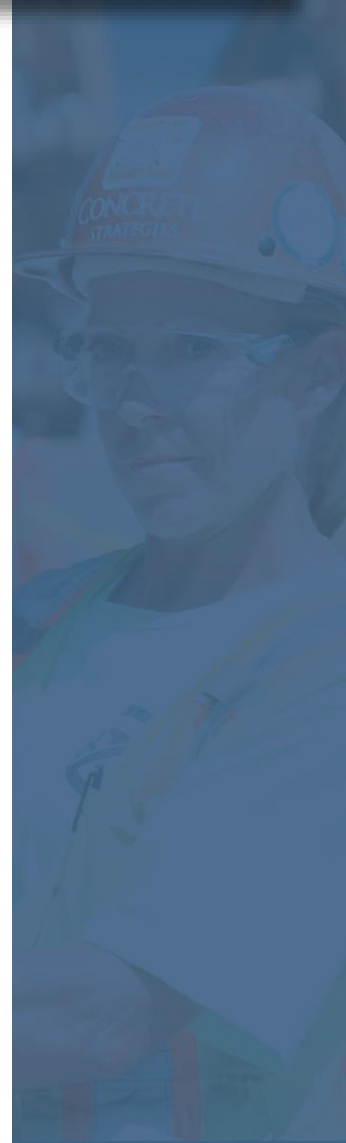
Project Overview

- Origin of Project:
 - Complaints
 - MSD Planning Group evaluated study area
 - Problems Identified
 - Leaky pipes are allowing groundwater to get into wastewater pipes
 - Connections such as downspouts are allowing stormwater runoff to get into the wastewater pipes
 - Wastewater pipes are too small to carry the flow
 - Wastewater pipes are overflowing and backing up into basements



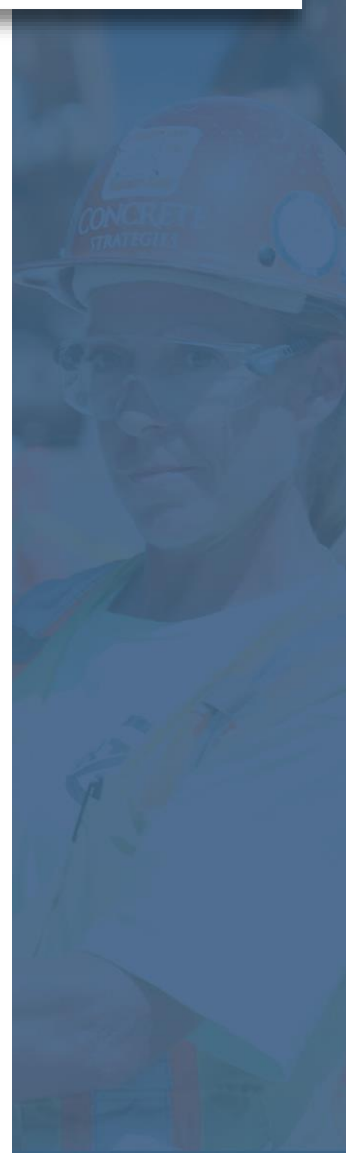
Project Overview

- Project Goal
 - Removal of select stormwater connections
 - Increase system capacity
- Benefits
 - Reduce basement backups and wastewater overflows



Project Facts

- Solution
 - Construct approximately 1,046 feet of 8-inch to 10-inch diameter wastewater pipe
 - Disconnect downspouts at one property



PROJECT MAP

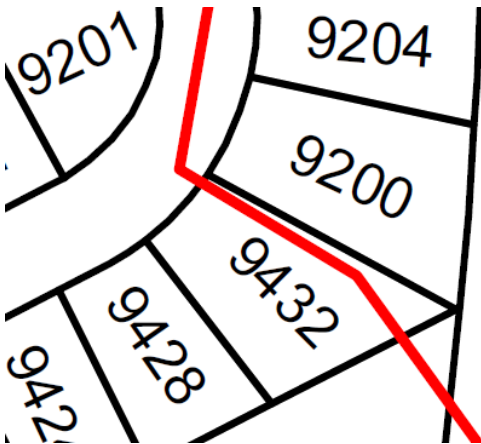


wastewater + stormwater

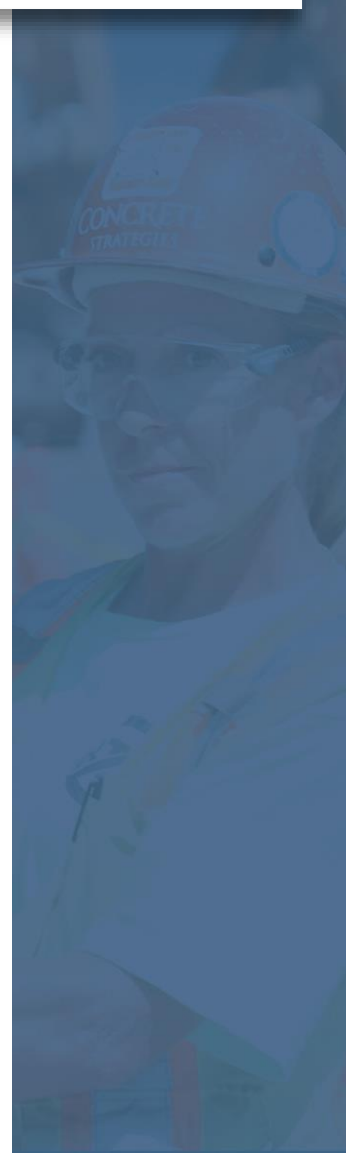


How Will it be Built?

- Construction Methods
 - “Tunnel” between 9200 Hathaway & 9432 Auburn

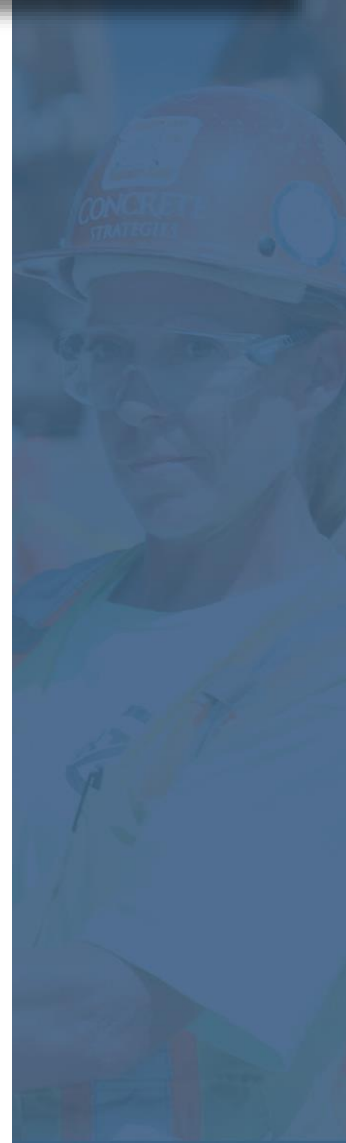


- “Open Cut” the remainder



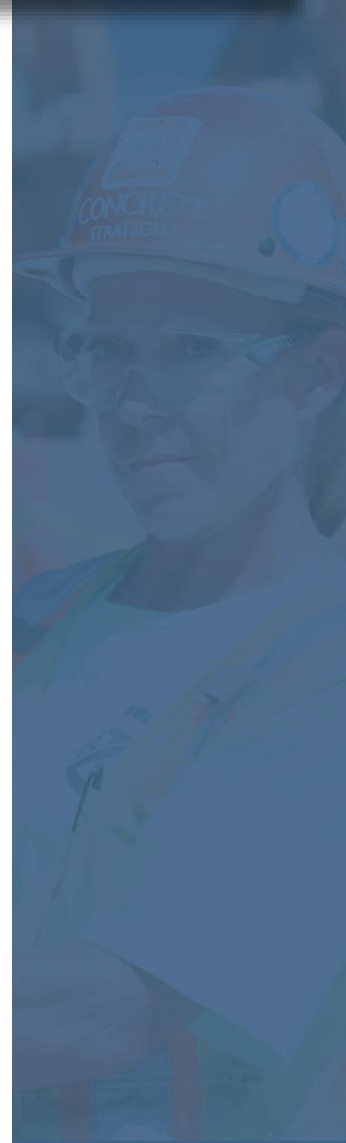
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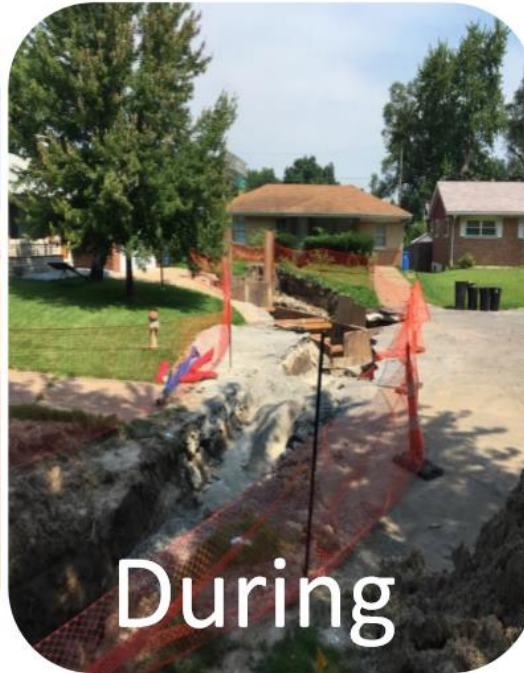
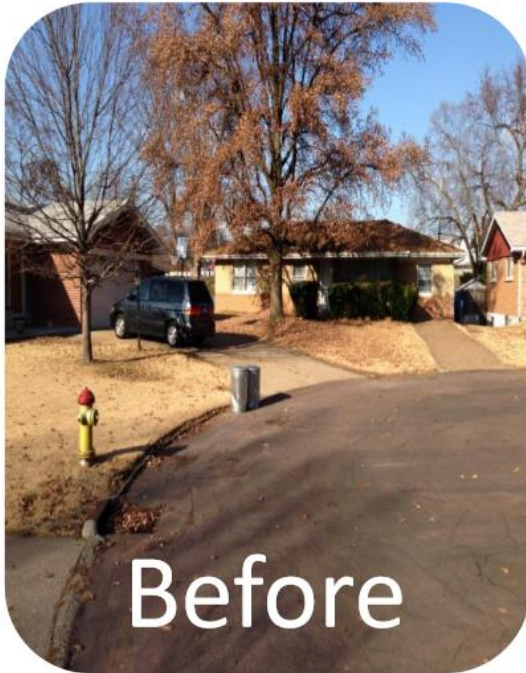
- Easements
 - New easements required: 3
 - Permanent Easements
 - Gives MSD the right to construct and maintain
 - Includes associated working room for staging & construction
 - Trees within the easement will likely be removed
 - Temporary Construction Easements
 - Gives MSD the right to excavate and/or remove trees
 - Expires after construction is complete
- ROW agent will make contact if an easement is needed



What can residents expect?

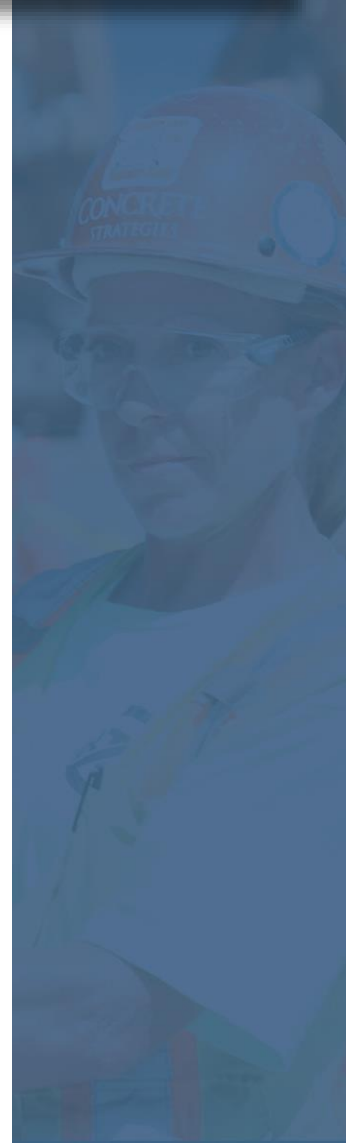
- Some temporary traffic disruption.
- Work trucks and crews in your neighborhood.
- Mobilize equipment and material prior to excavating
- Equipment staged in the right of way/TCE.
- You will receive information from the construction team before their work begins.





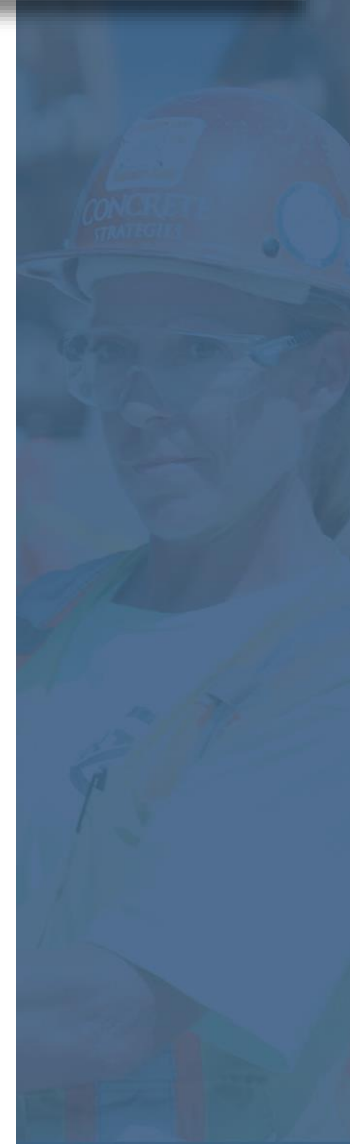
What can residents expect?

- Virtual Construction neighborhood meeting with contractor
- Contractor will notify you 7 days prior to construction
- Trees in the project area will be removed prior to mobilizing
- 50 to 100 feet of sewer pipe will be installed per day
- Restoration: sod/seed, pavement, fences, etc. and is weather/season dependent



What can residents expect?

- MSD will have inspector on site every day
- Property owners should contact the MSD inspector with a problem (not the contractor)
- MSD Inspectors travel between several project sites, but should be on your site at least two times every day
- If you make a special agreement with the contractor, get it in writing and provide a copy to MSD so they can help if the contractor doesn't honor his agreement with you



Tentative Construction Schedule



Design Phase

- Complete Design – Summer 2021

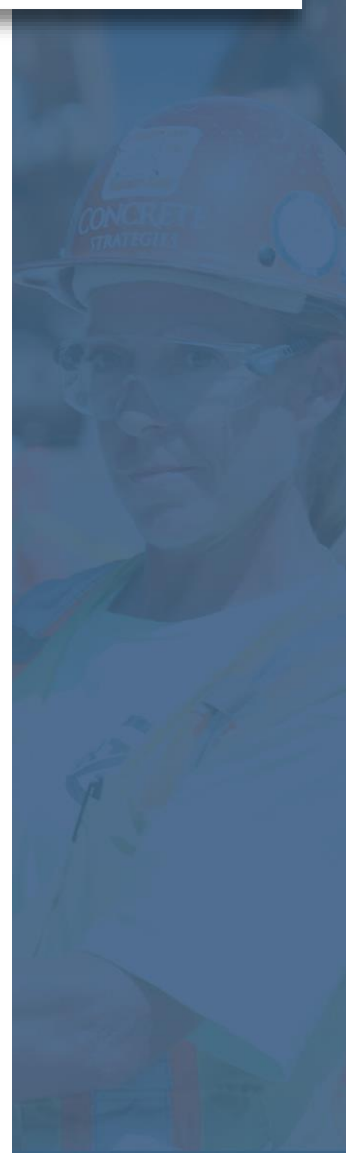
ROW Phase

- Complete Easement Acquisition – Summer 2022

Construction Phase

- Begin Construction – Late Spring or Early Summer 2023
- Complete Duration – 12 to 18 months

Anticipated construction start date is subject to change. MSD will notify residents before beginning construction.



Questions?

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