

Florissant/Dunn Sanitary Relief (St. Anthony Ln to I-270) (Project #12178)

September 28, 2021

msdprojectclear.org/12178

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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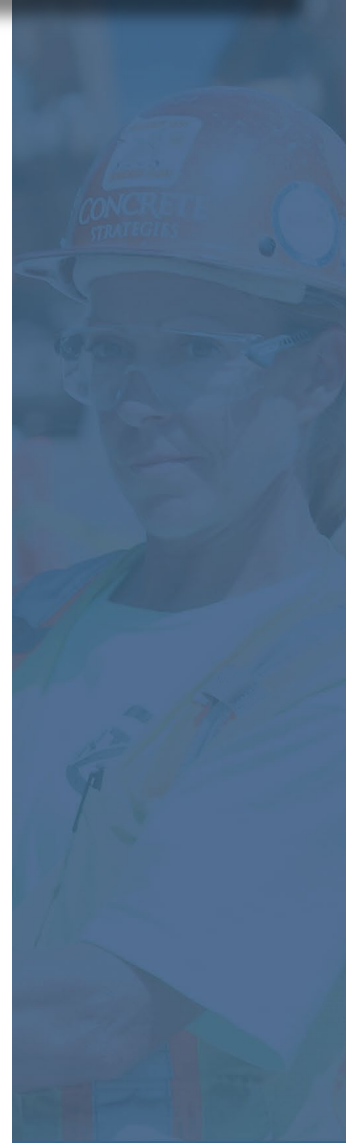
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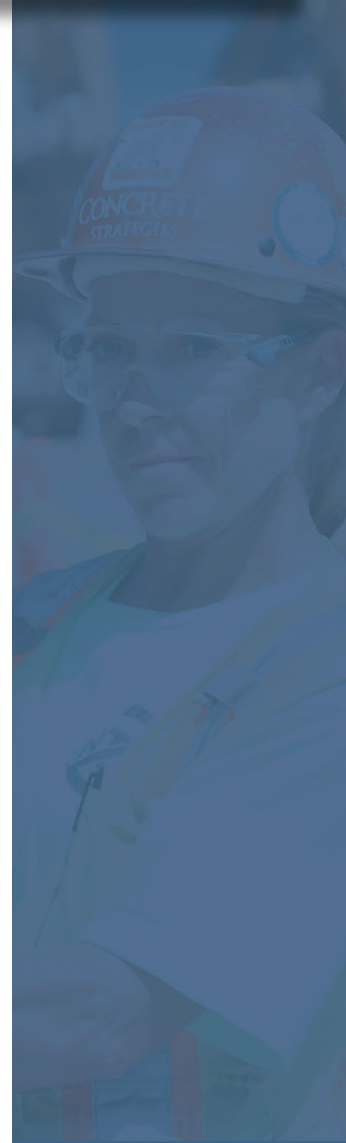
Project Overview

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



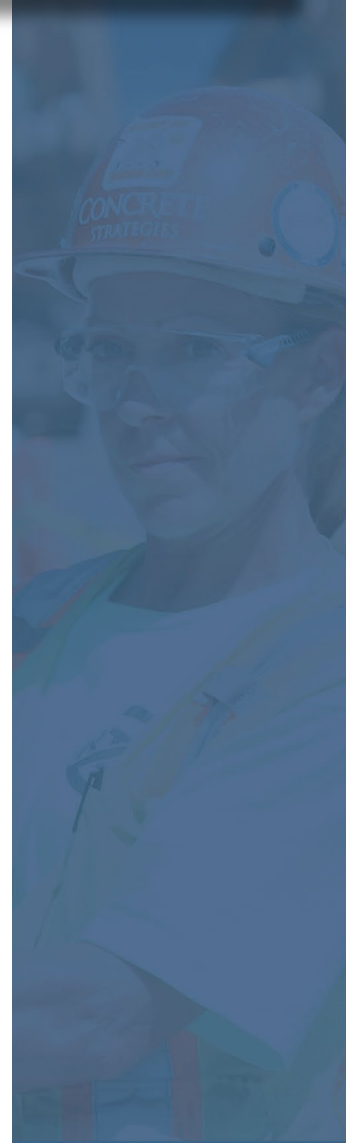
Project Overview

- Project Goal
 - Increase system capacity to a 10-year level of service
- Benefits
 - Reduce basement backups and wastewater overflows
 - This project will benefit approximately 2,185 properties



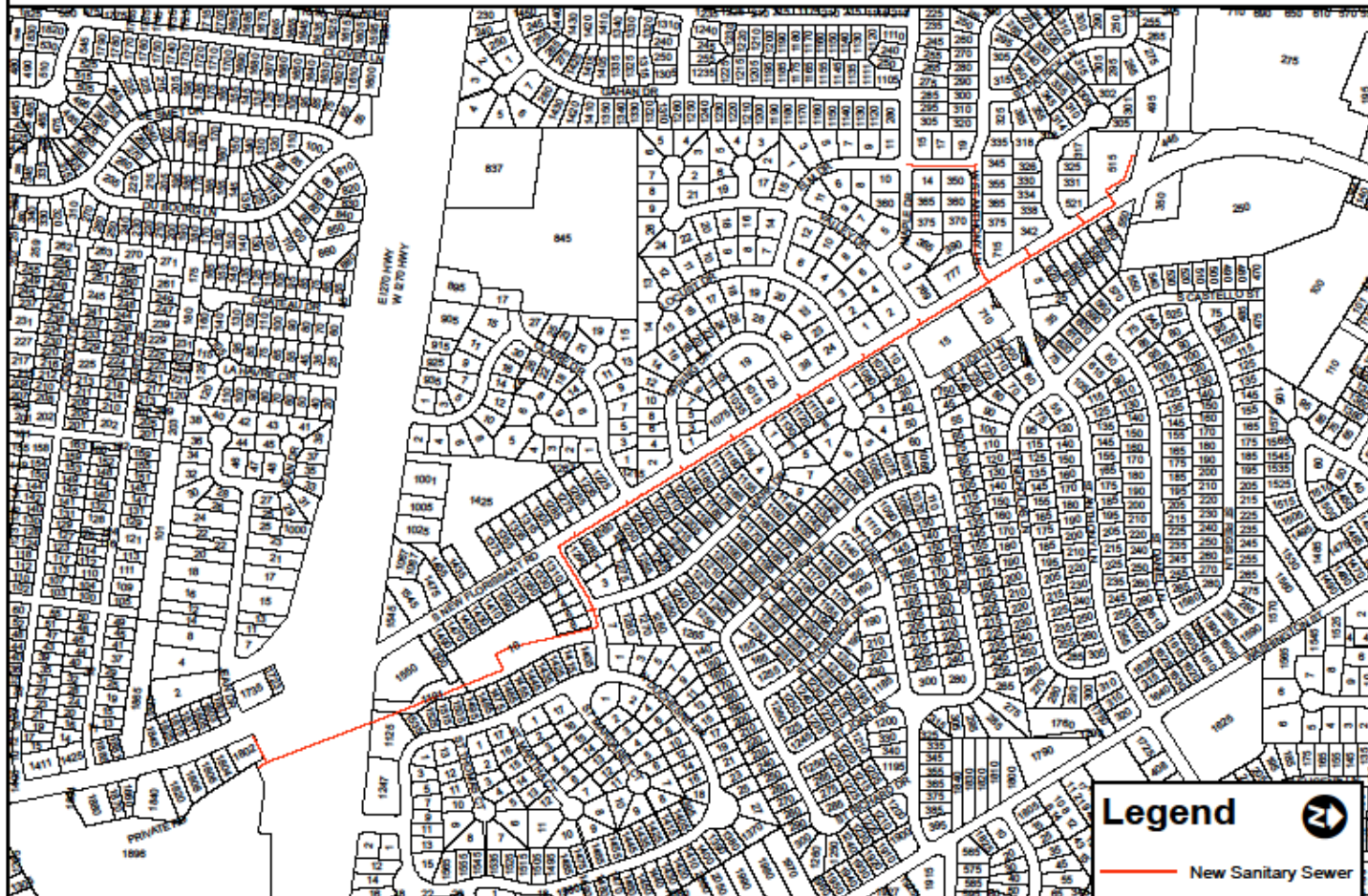
Project Facts

- Solution:
 - Construct approximately 6,000 feet of wastewater pipe.



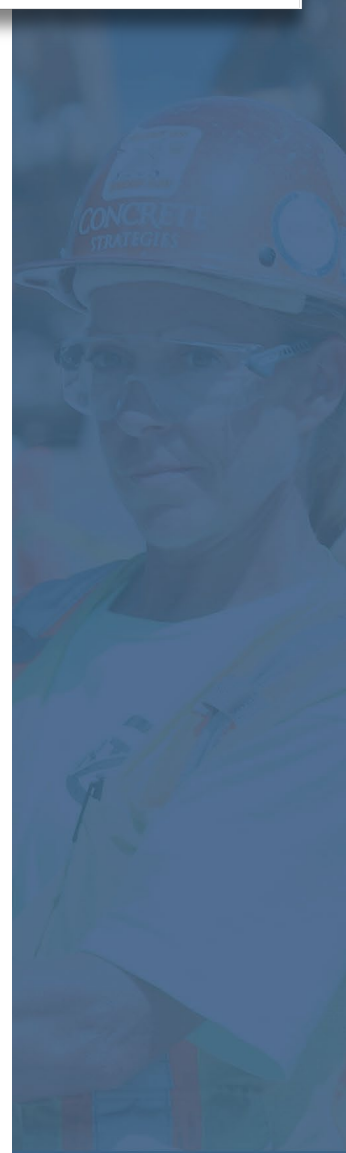
PROJECT MAP

Florissant Dunn Sanitary Relief (St Anthony Ln to I-270) (12178)



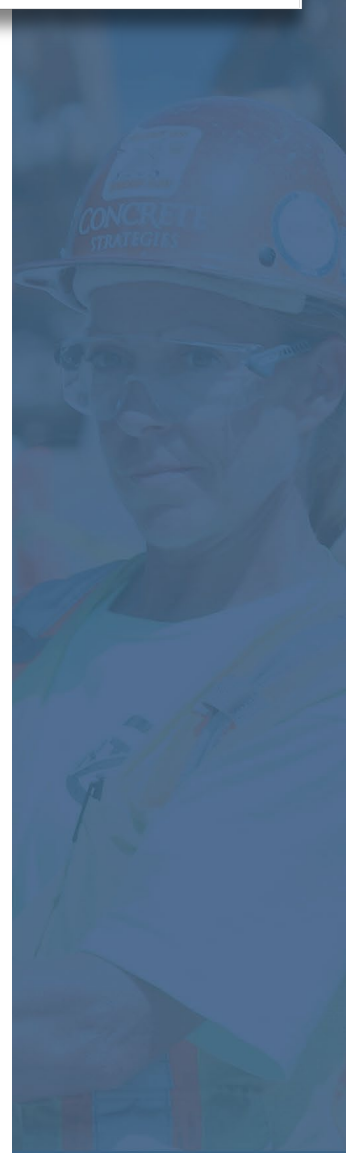
How it will be built

- Construction Methods
 - Wastewater pipe diameters range from 8 - inches to 24 - inches
 - “Tunneling” 547 feet under I-270
 - ~ 35 feet below the drive lanes of I-270
 - “Open Cut” the remaining 5,623 feet
 - Varies in depth from about 10 - feet to about 20 - feet



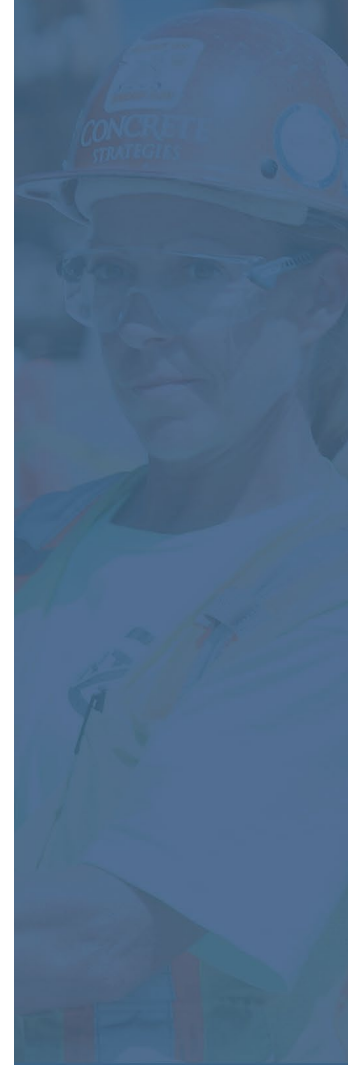
What's next?

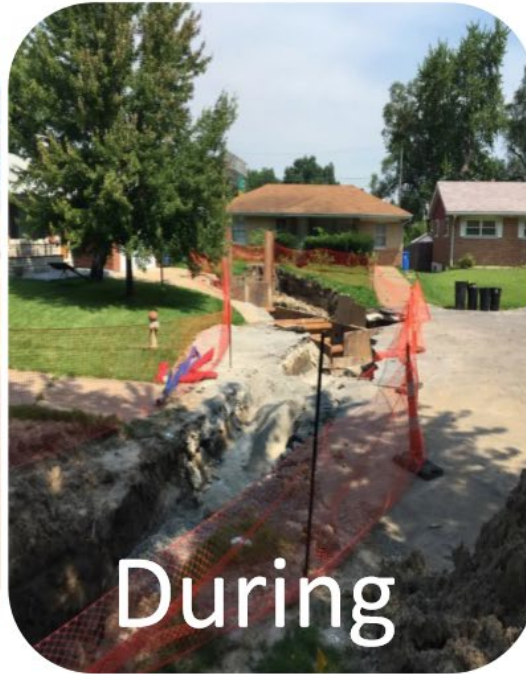
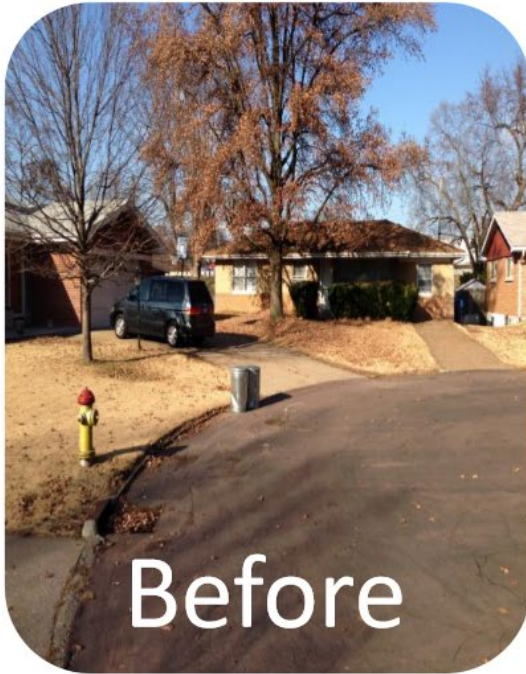
- Easements
 - New easements required: 6
 - Permanent Easements
 - Gives MSD the right to construct and maintain
 - Includes associated working room for staging & construction
 - Trees within the easement will likely be taken
 - Temporary Construction Easements
 - Gives MSD the right to excavate and/or remove trees
 - Expires after construction is complete
- ROW agent will make contact if an easement is needed



What can residents expect during construction?

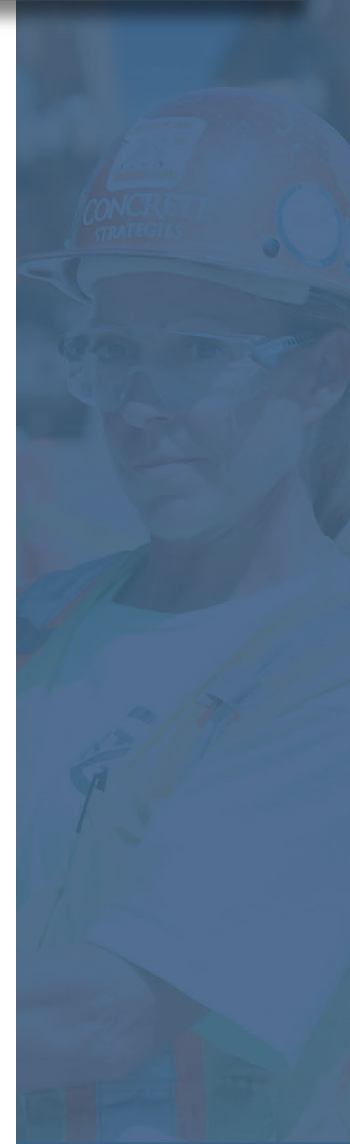
- Temporary traffic disruption
- Work trucks and crews in your neighborhood
- Mobilize equipment and material prior to excavating
- Equipment staged in the right of way/TCE
- You will receive information from the construction team before their work begins.





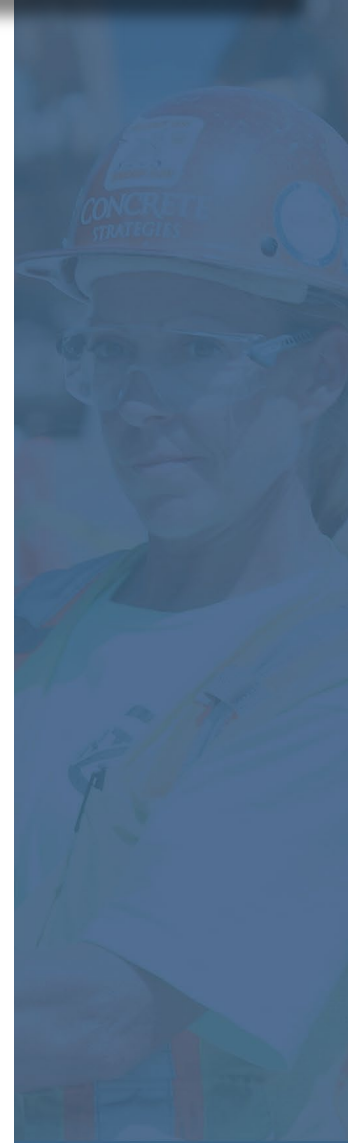
What can residents expect?

- Construction neighborhood meeting w/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 their agreement with you



Tentative Construction Schedule

Design Phase

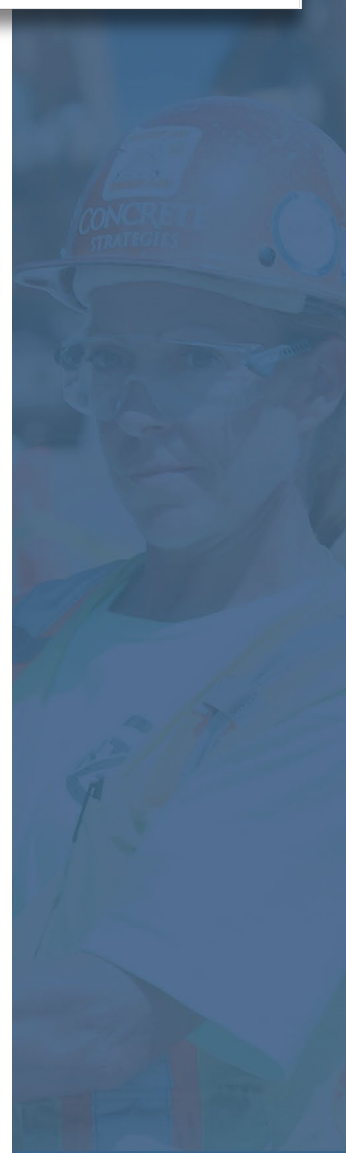
- Complete Design – Summer 2021

ROW Phase

- Complete Easement Acquisition – Summer 2022

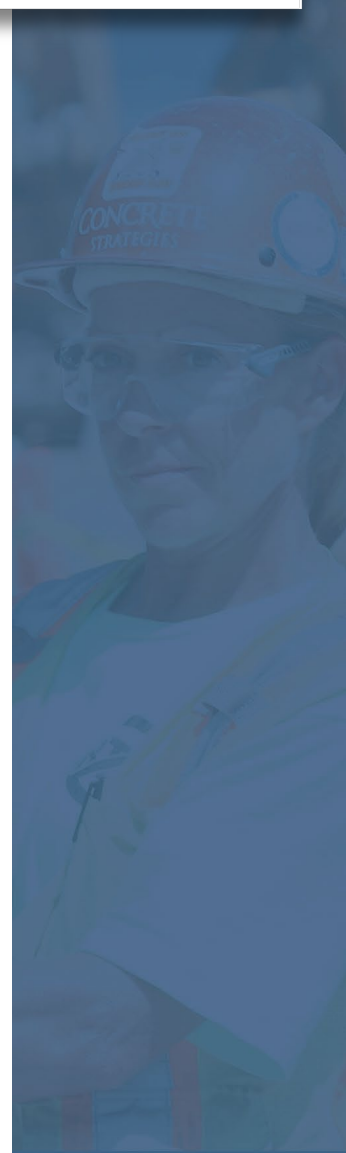
Construction Phase

- Begin Construction – Early 2023
- Complete Duration – 24 - 26 months



FAQs

- **Will construction be on my property?**
 - The attached map shows the approximate project limits.
- **How will vegetation/fences/mailboxes/etc. within the construction limits be affected?**
 - There may be temporary disturbance of these features. MSD's Contractor will restore fences and mailboxes as necessary and replace disturbed vegetation with new sod.



Questions?

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