

# Edmundson Sanitary Relief (Project #12159)

October 13, 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

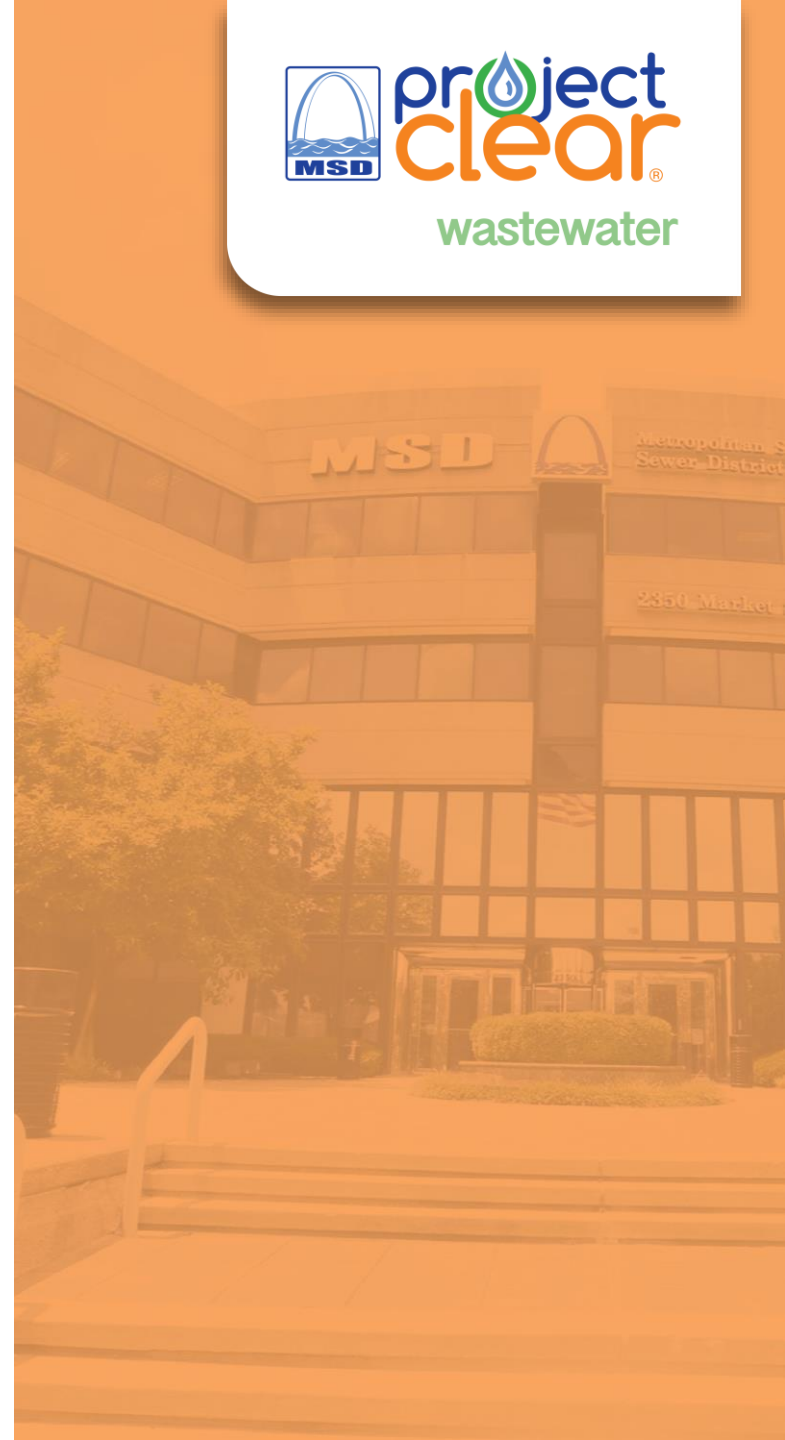
# MSD Project Clear (MSDPC) Overview & Details

- 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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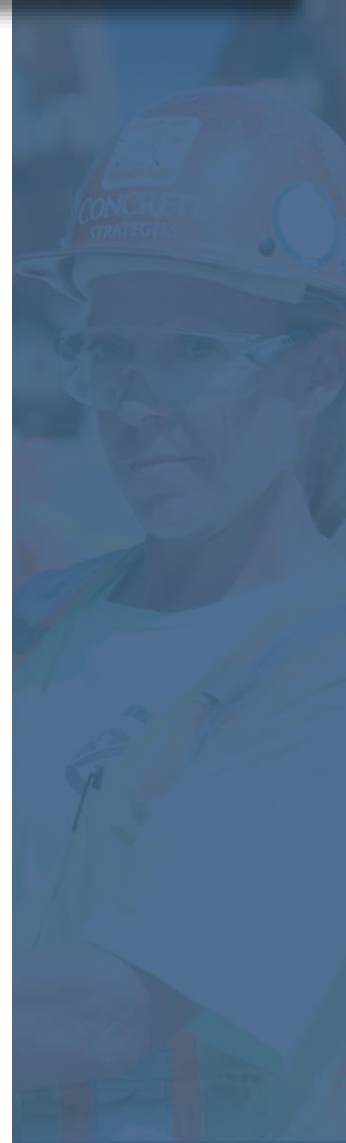
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# Project Overview

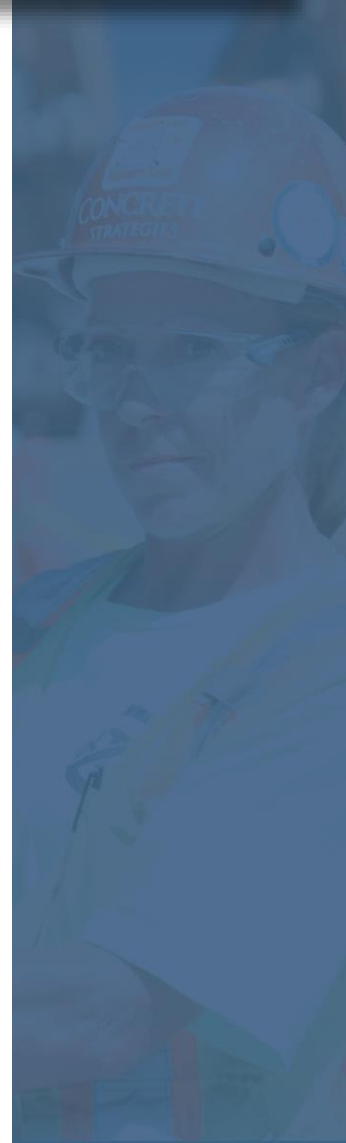
- Origin of Project:

- Rainwater is getting into the wastewater system. This has been causing wastewater to back up into basements.
- Pipes and manholes were lined in 2015 – Only a partial fix
- This project enlarges the wastewater pipes, and changes their layout to be more efficient
- A portion of the pipes are exposed above Coldwater Creek. This will also be fixed.



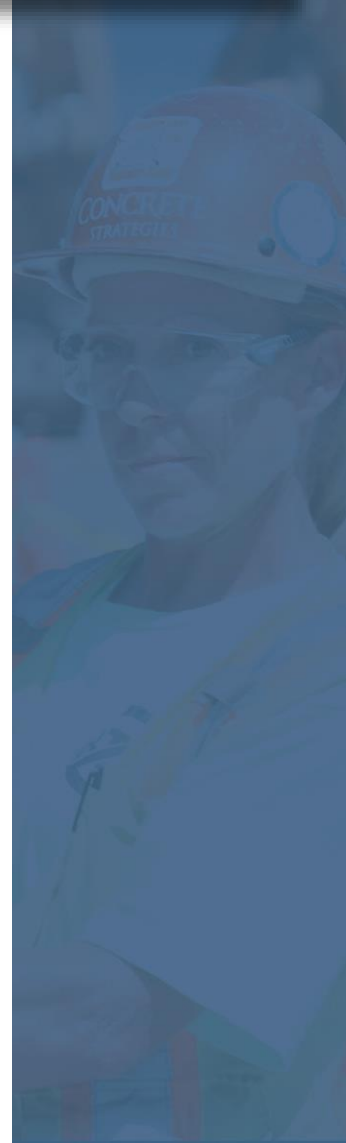
# Project Overview

- Project Goal
  - Increase the wastewater system capacity
- Benefits
  - Reduce building backups
  - Benefit 470 properties
  - Relocate exposed pipe in the Creek

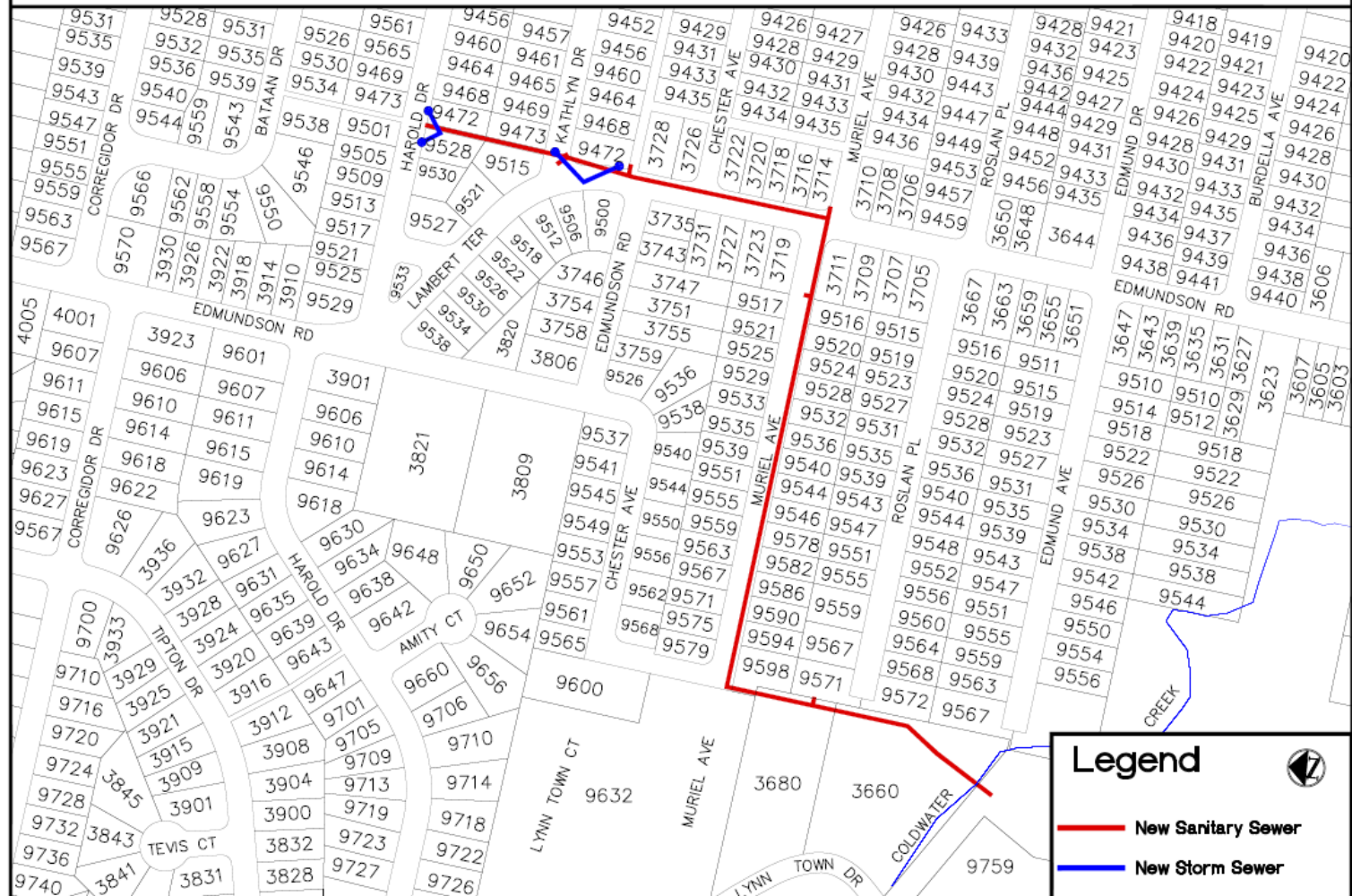
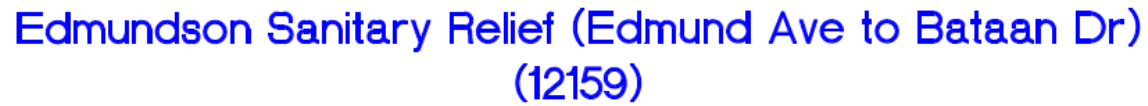


# Project Facts

- Solution:
  - Construct approximately 2,400 feet of new wastewater sewer.
    - Pipe diameters range from 8 inches to 18 inches
  - Relocate approximately 150 feet of storm sewers.
    - Pipe diameters range from 8 inches to 42 inches

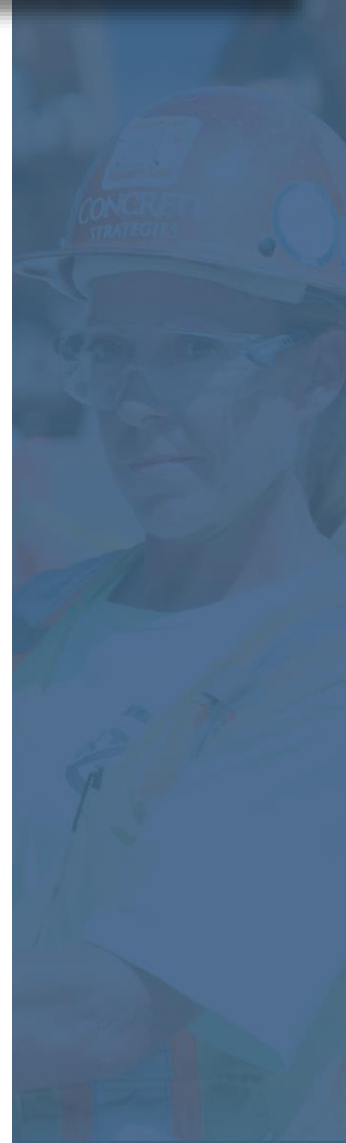






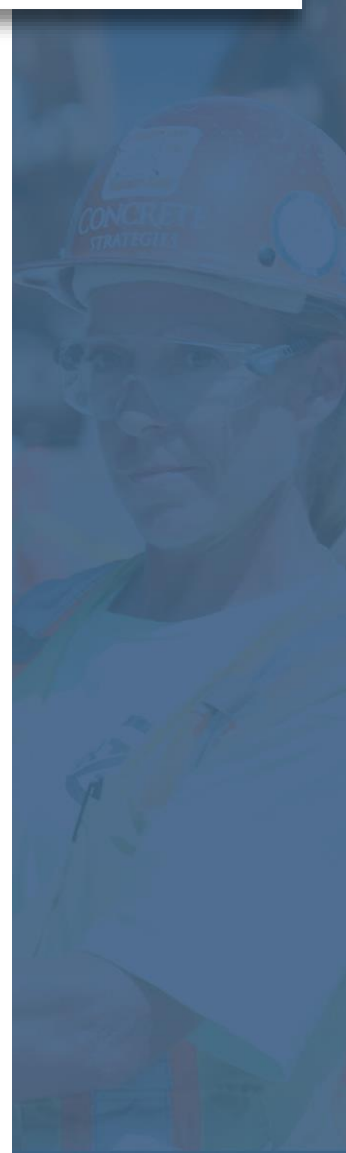
# How it will be built

- Construction Methods
  - Mostly “open-cut”
  - Tunnel from Kathlyn to Harold (beneath existing storm sewer)



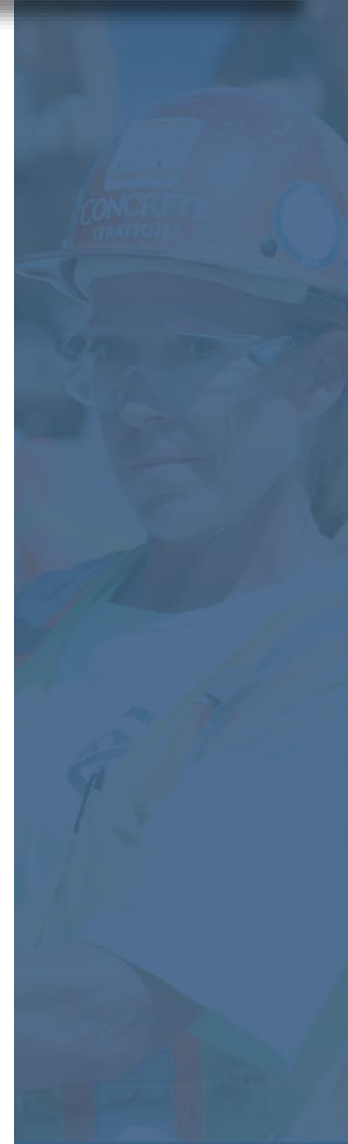
# How it will be built

- Easements
  - New easements required
  - 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
- Right of Way agent will make contact if an easement is needed

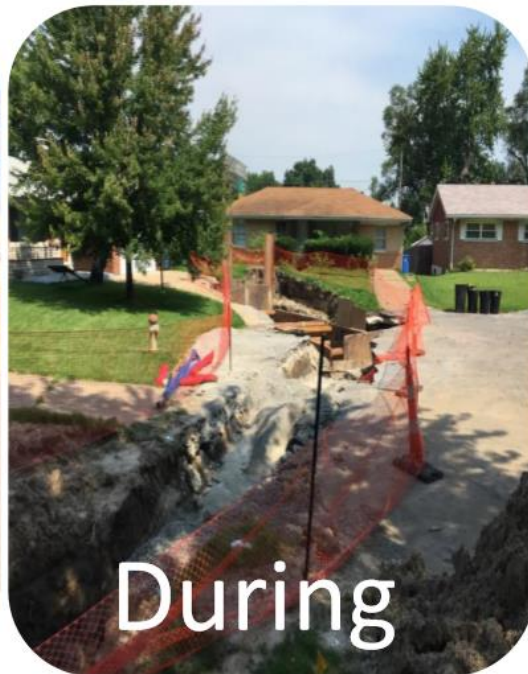
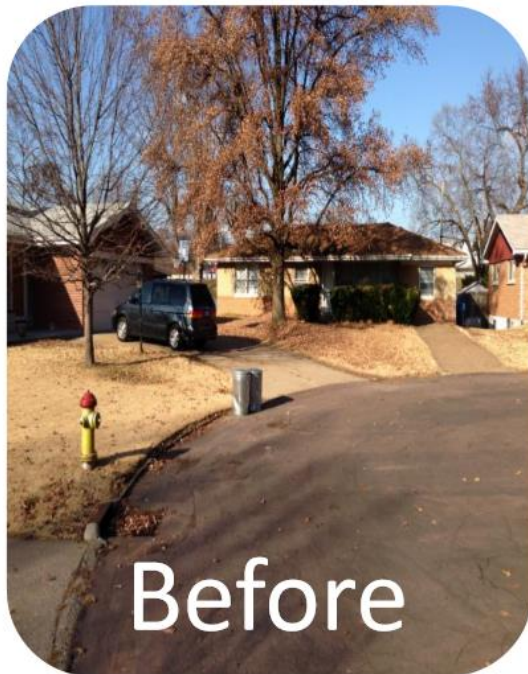


# What can residents expect?

- 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.

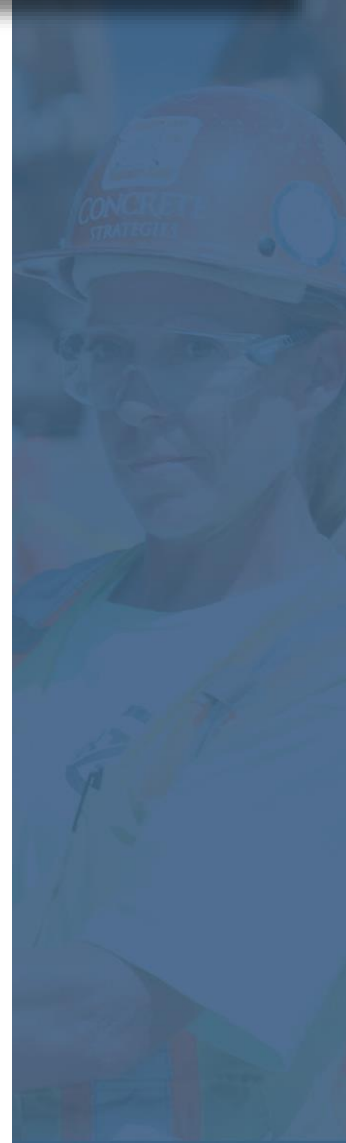






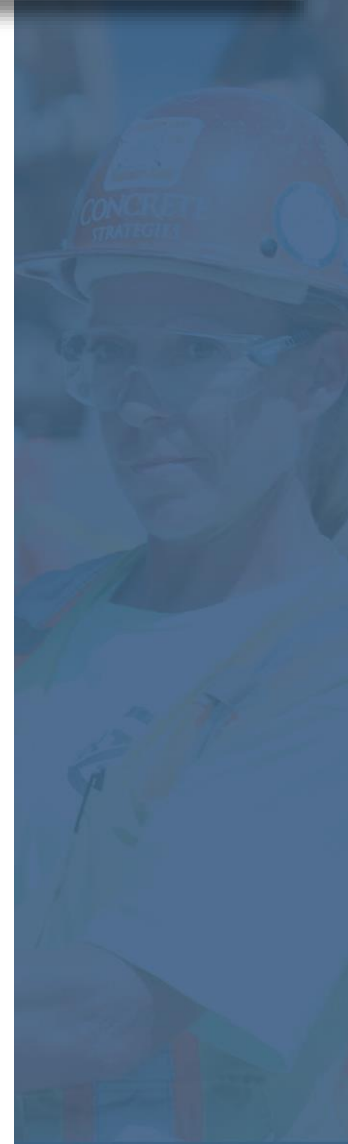
# What can residents expect?

- Construction neighborhood meeting w/contractor
- Contractor will notify you 7 days prior to construction
- Trees in the area of construction 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)
- 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**

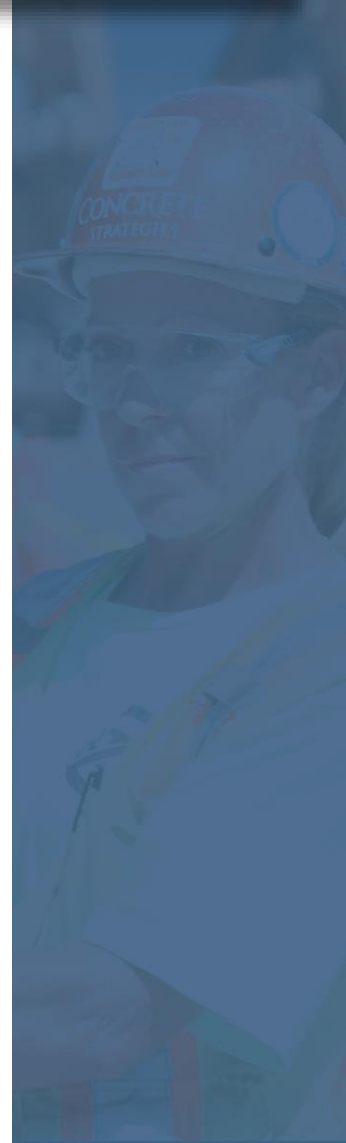
- Complete Design – November 2021

## **ROW Phase**

- Complete Easement Acquisition – Spring 2023

## **Construction Phase**

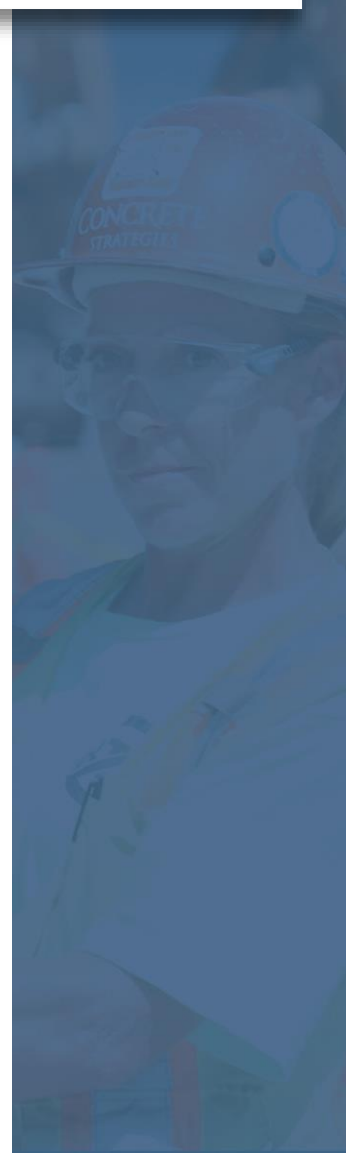
- Begin Construction – Fall 2023
- Complete Duration – 30 months





# FAQs

- **Will construction be on my property?**
  - Please contact the MSD Project Manager to find out if construction will need to take place on your property.
- **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.

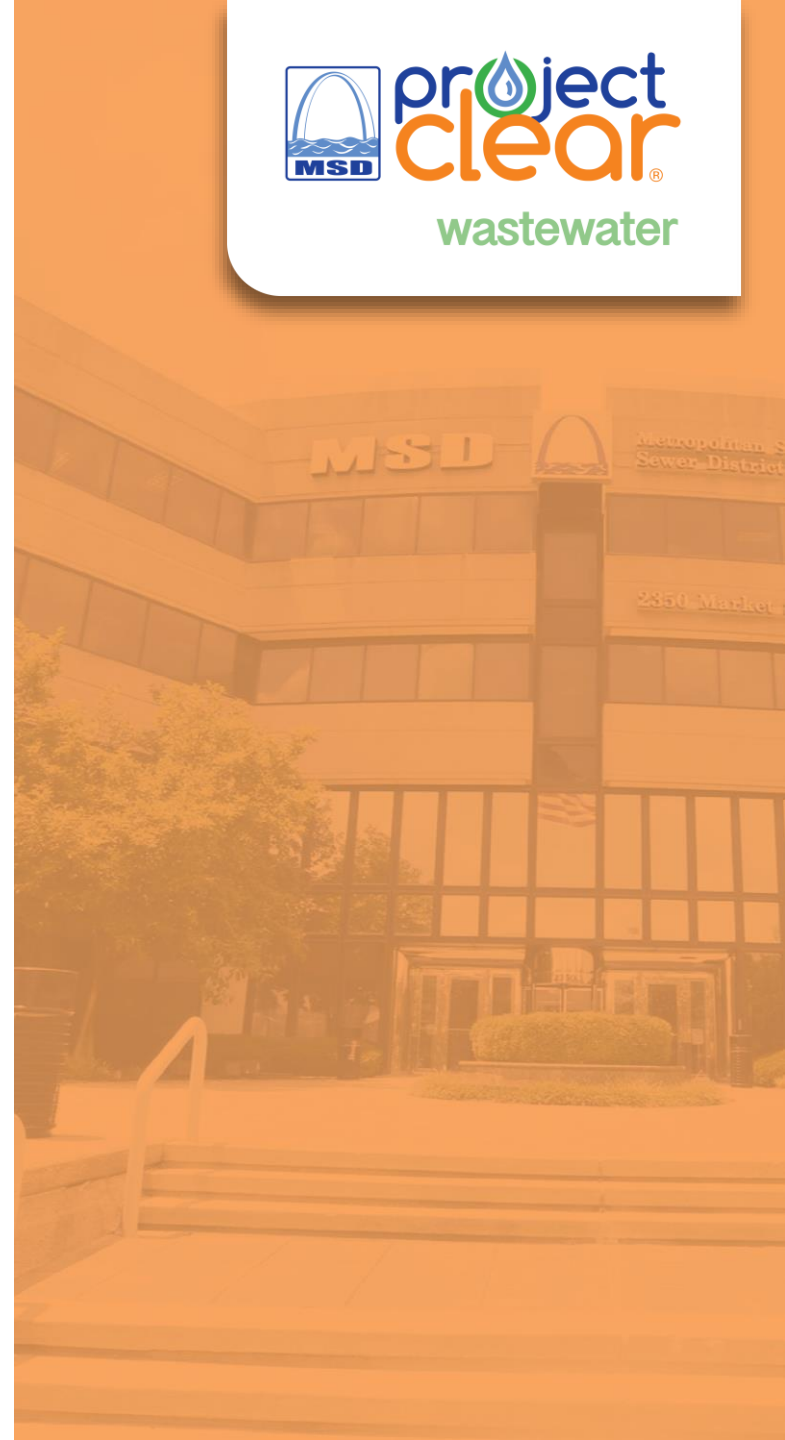


# Questions?

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# Stormwater Townhalls

Flooding and erosion problems affect all parts of our service area.

For more information or to register for an upcoming Stormwater Virtual Town Hall, scan the QR code or visit

[msdprojectclear.org/townhalls](https://msdprojectclear.org/townhalls).



Make your voice heard. Take the stormwater survey at  
[msdprojectclear.org/swsurvey](https://msdprojectclear.org/swsurvey).

