

# Upper Baden Sanitary Relief (Jennings Station Rd to Oakridge Blvd)

## (Project #12241)

November 18, 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

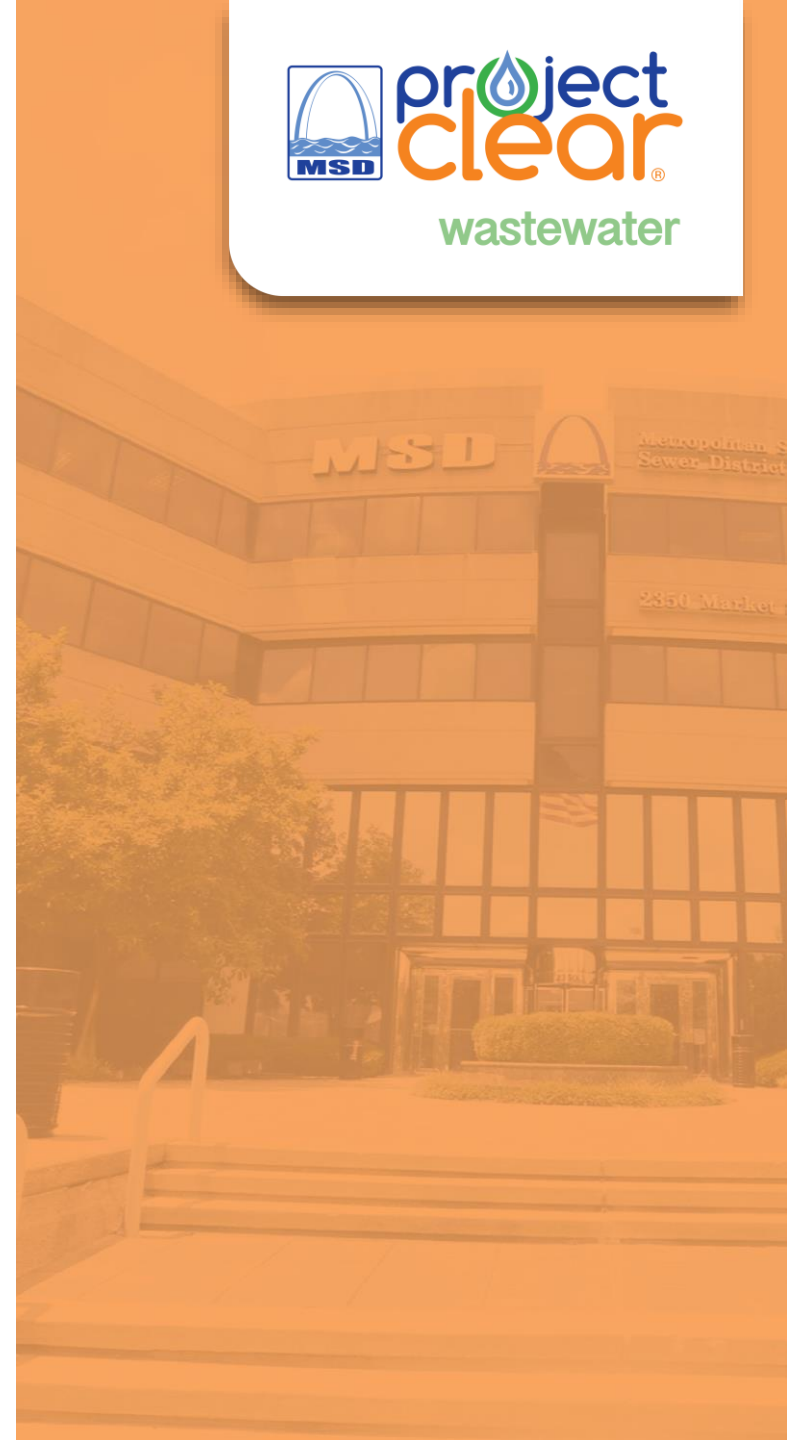
- Government Utility
  - State Constitution
  - Voter Approved Charter in 1954
  - 6 Member Board of Trustees (3 City & 3 County)
- Two utilities: Wastewater & Stormwater
- 520 square mile service area
  - All of St. Louis City
  - 87% of St. Louis County
- ~1,300,000 customers
- 88 municipalities served
- 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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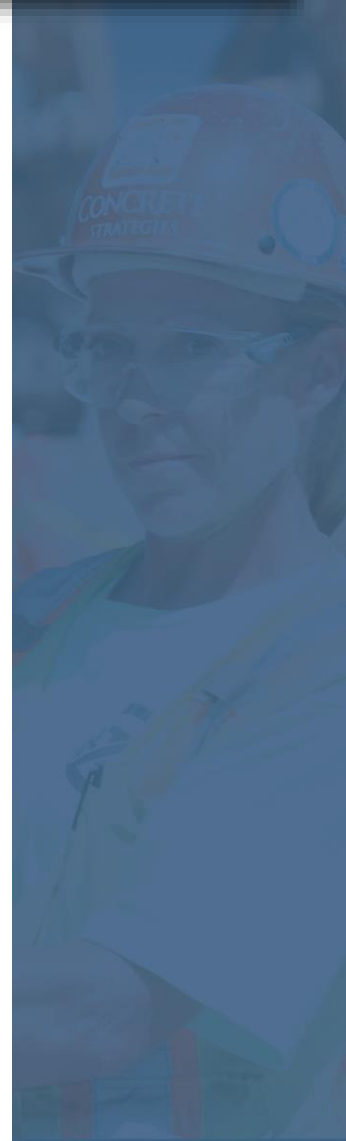
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**Dave Hasty, PE**  
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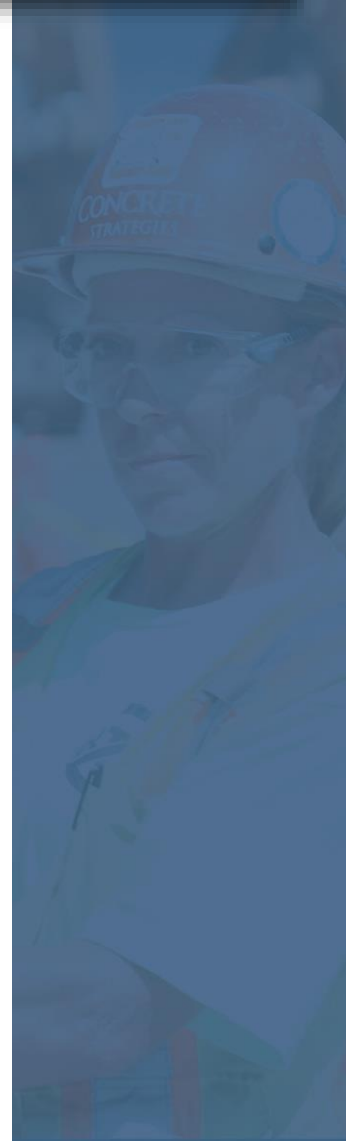
# Project Overview

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



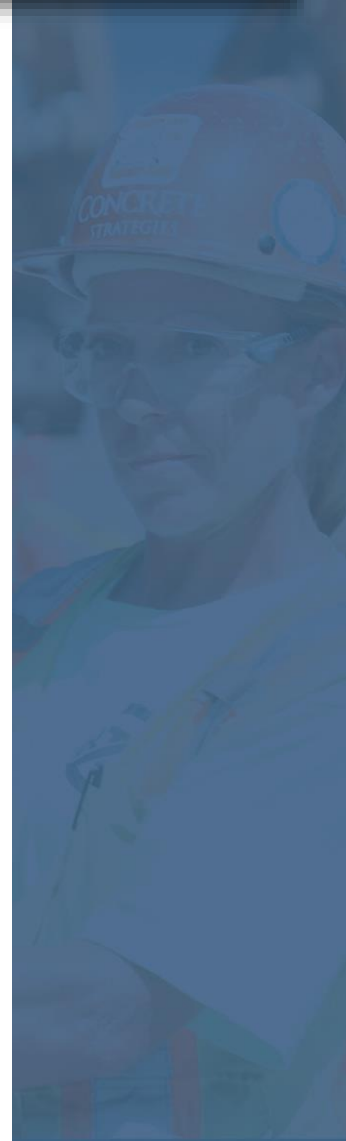
# Project Overview

- Project Goal
  - Increase pipe diameter to increase system capacity
- Benefits
  - Reduce building backups and wastewater overflows
  - This project will benefit approximately 1,000 properties



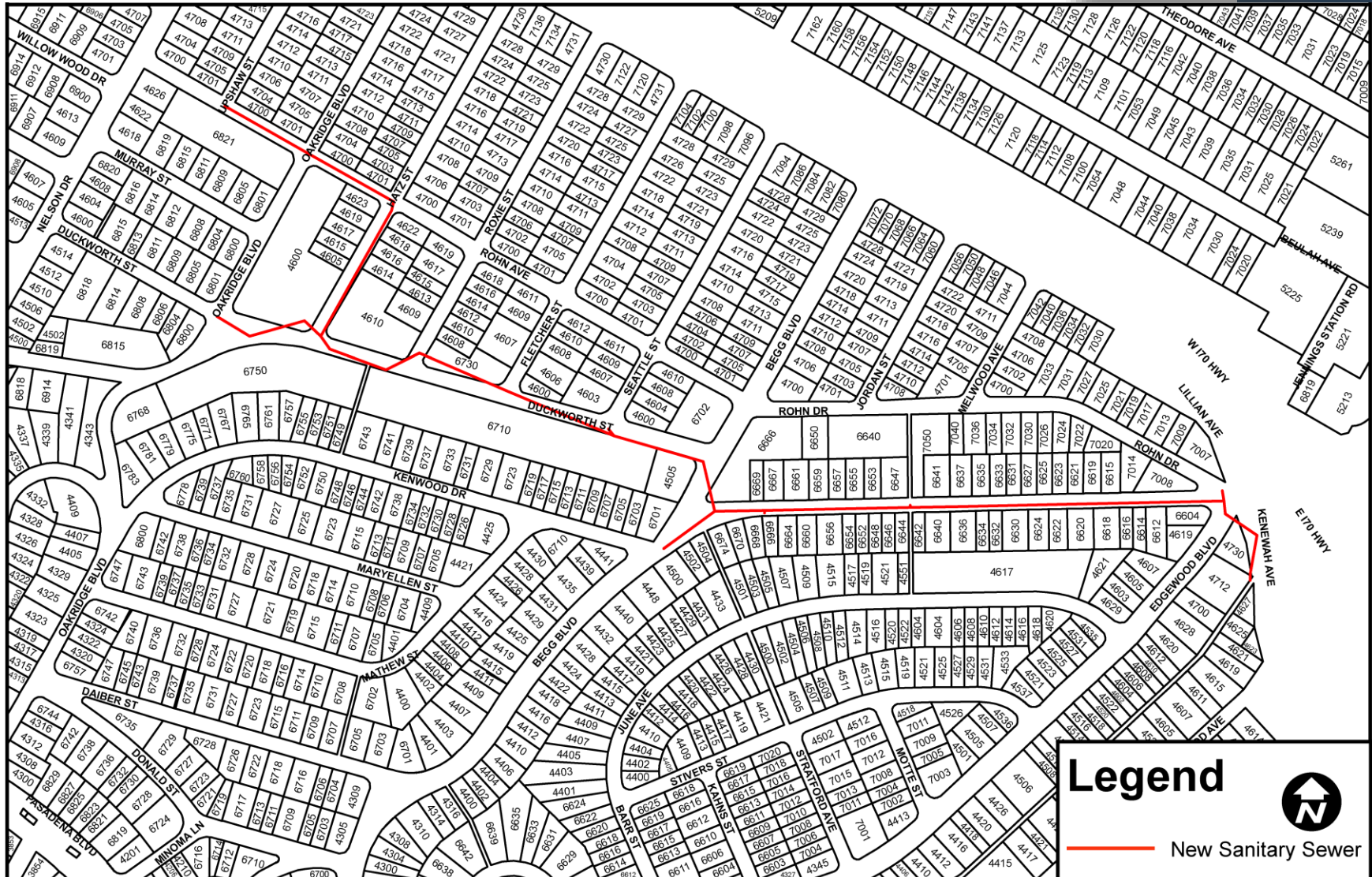
# Project Facts

- Solution:
  - Construct approximately 4,267 feet of wastewater pipe
  - Construct 12 feet by 8 feet precast box culvert
  - Varies in depth from about 10 feet to about 22 feet
  - Pipe diameters range from 8 inches to 27 inches



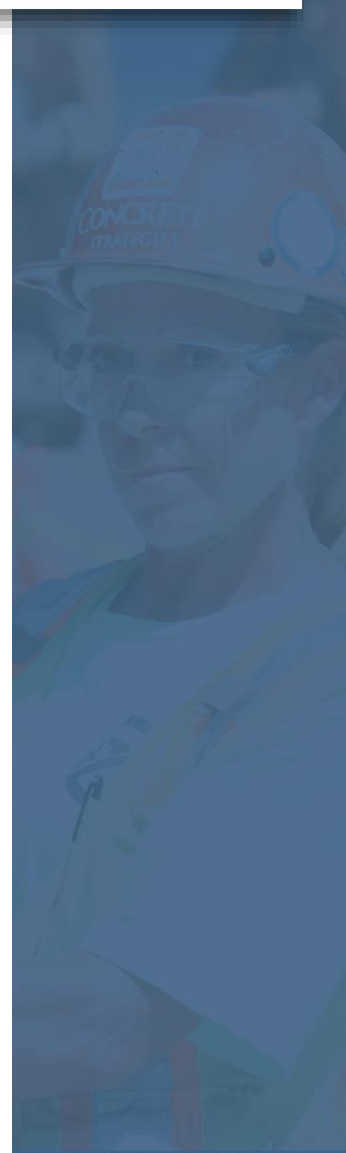


# PROJECT MAP



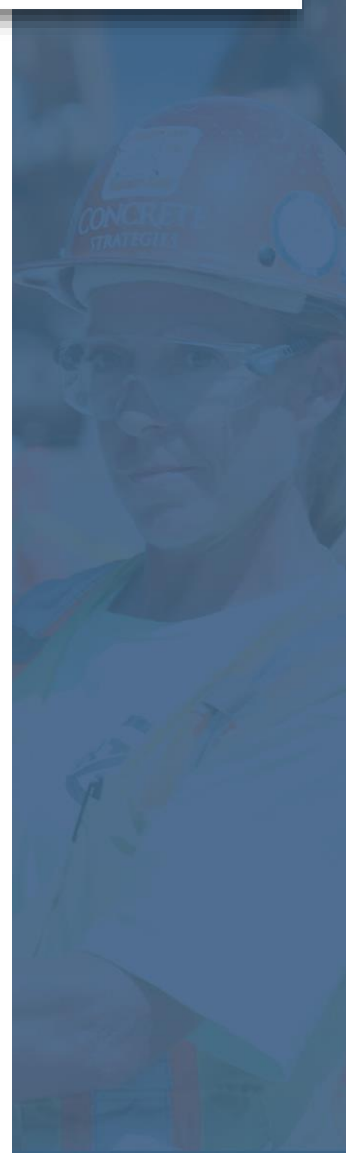
# How it will be built

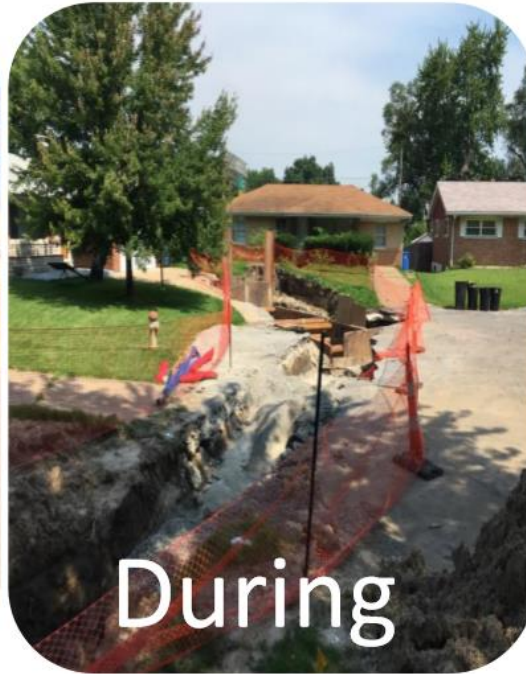
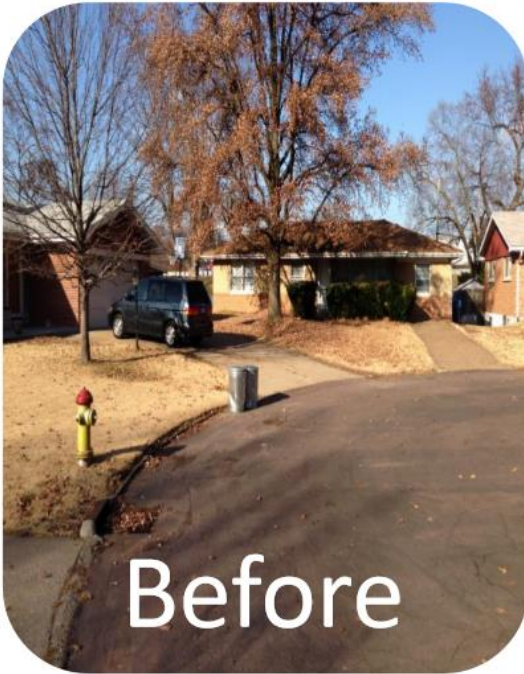
- Easements
  - Permanent Easements
    - Gives MSD the right to construct and maintain
    - Includes associated working room for staging & construction
    - Trees within the easement will likely be taken
  - Temporary Construction Easements
    - Gives MSD the right to excavate and/or remove trees
    - Expires after construction is complete
- ROW agent will make contact if an easement is needed
- Letters will be sent to property owners when an existing easement will be used



# What can residents expect?

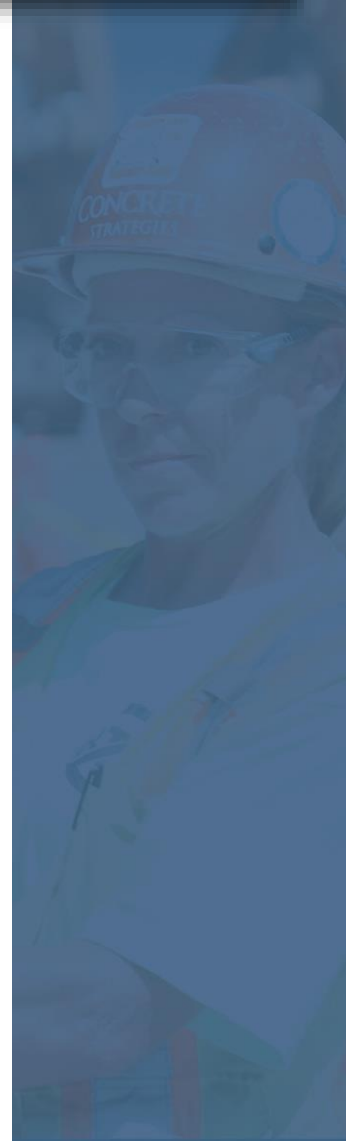
- The entire project will be “open-cut” construction
- Temporary traffic disruption
- Work trucks and crews in your neighborhood
- Mobilize equipment and material prior to excavating
- Equipment staged in the right of way/TCE
- You will receive information from the construction team before their work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





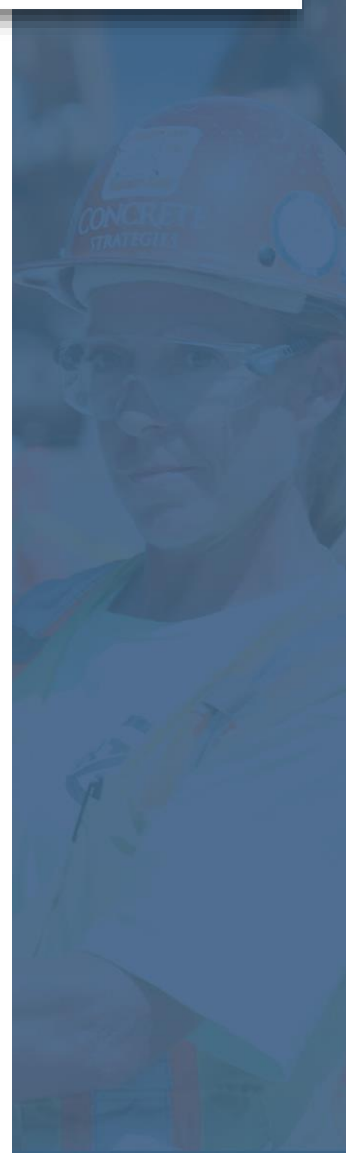
# What can residents expect?

- Construction neighborhood meeting w/contractor
- Contractor will notify you 7 to 14 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. Inspectors travel between several project sites.
- Property owners should contact the MSD inspector with a problem (not the contractor) .
- If you make a special agreement with the contractor for work on your private property, get it in writing and provide a copy to MSD so we can help if the contractor doesn't honor his agreement with you.



# Tentative Construction Schedule

## Design Phase

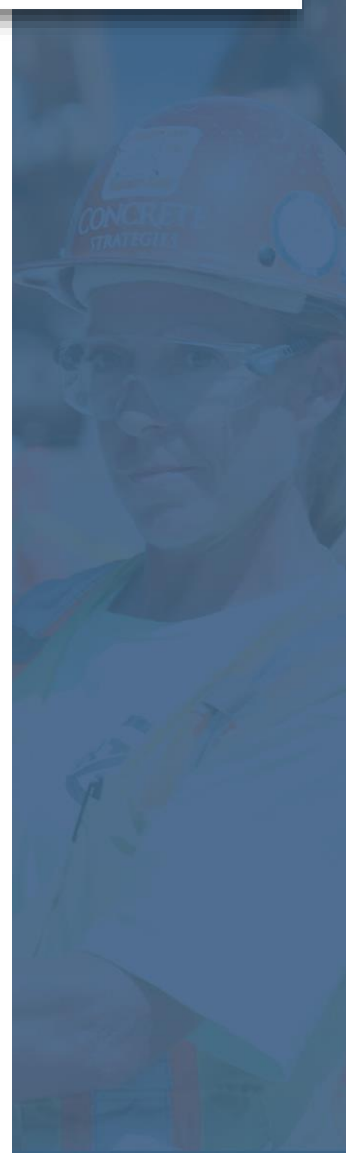
- Complete Design – Fall 2021

## ROW Phase

- Complete Easement Acquisition – Fall 2022

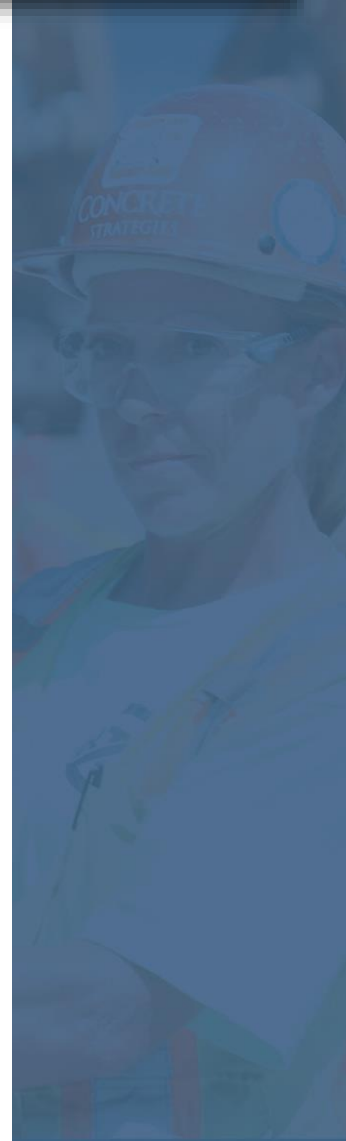
## Construction Phase

- Begin Construction – Fall 2023
- Construction Duration – 12 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?

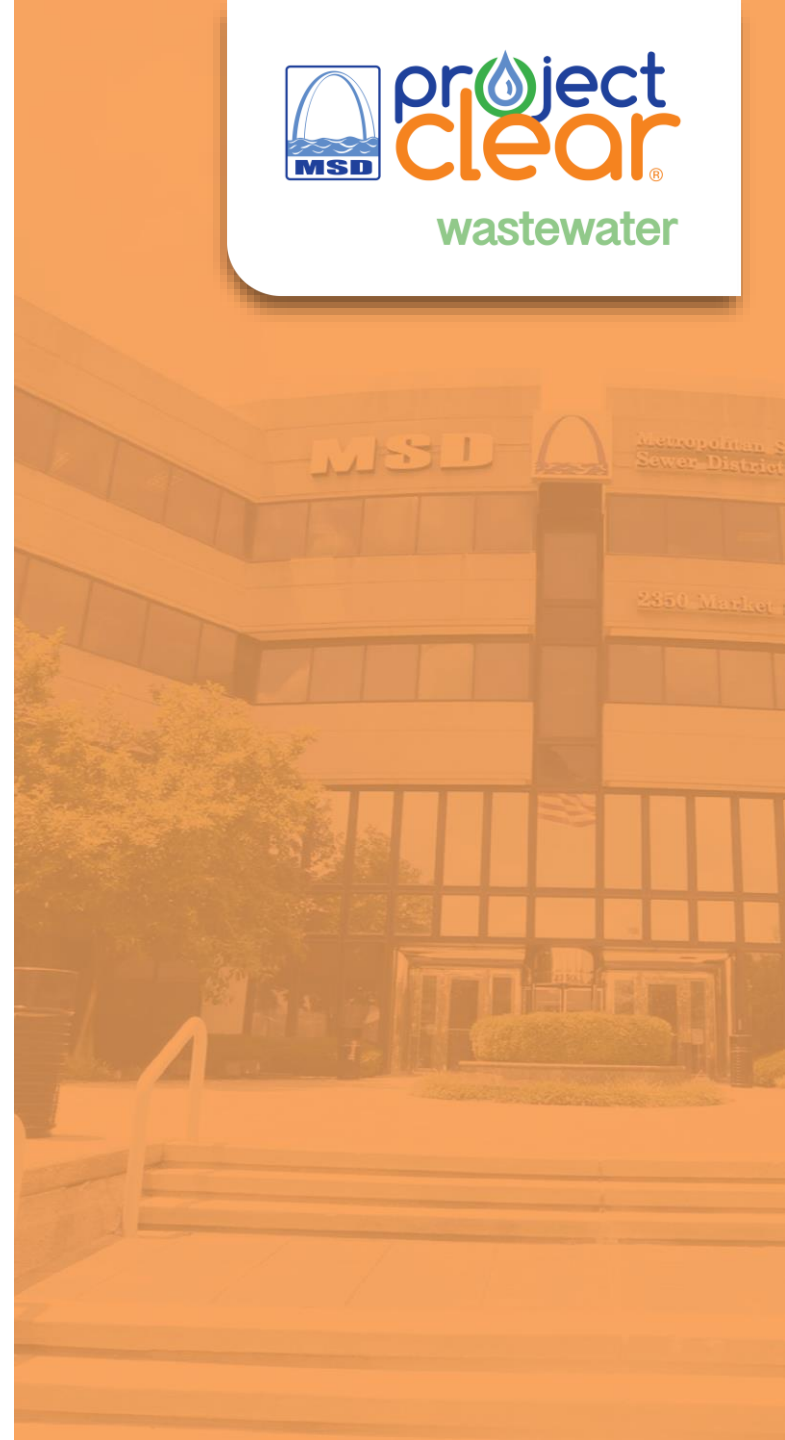
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[MSDprojectclear.org/UpperBaden](http://MSDprojectclear.org/UpperBaden)



# 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).

