

Grand Glaize Trunk Sanitary Relief (Ballwin Golf Club to Claymont Cove Ct) (Project #12272)

Wednesday, August 26, 2020

Today's Roadmap

- Welcome
- MSD Mission and Overview
- MSD Project Clear
- Grand Glaize Trunk Sanitary Relief (Ballwin Golf Club to Claymont Cove Ct) (Project #12272)
- Questions and Answers

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

Introductions

- Jeff Meyer – MSD, Team Leader
- Kevin Koines – MSD, Project Manager
- David Hasty – Wood, Consulting Engineer
- Jeff Huck – Gonzalez, Consulting Engineer

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)

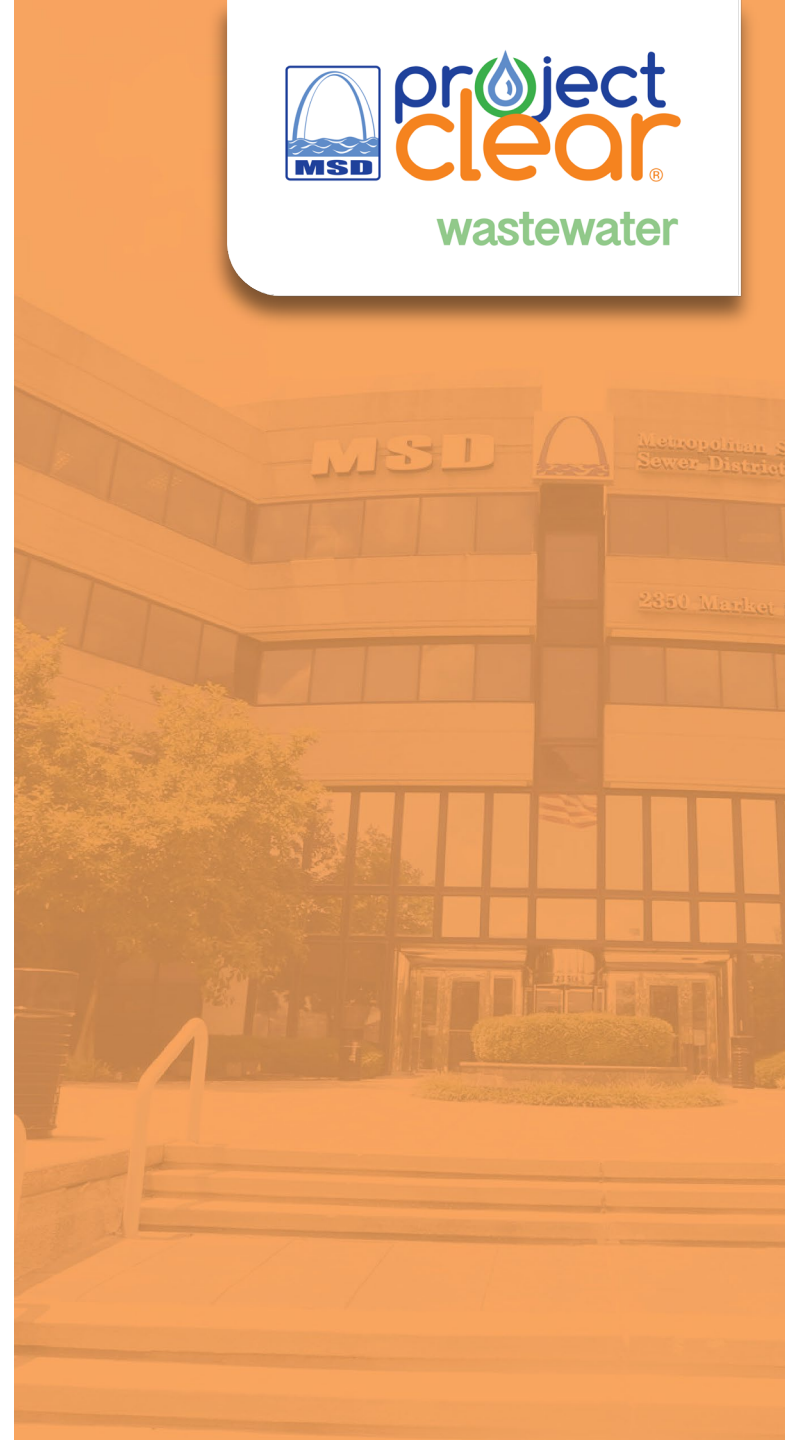
Grand Glaize Trunk Sanitary Relief (Ballwin Golf Club to Claymont Cove Ct) (Project #12272)

Kevin Koines

MSD Project Manager

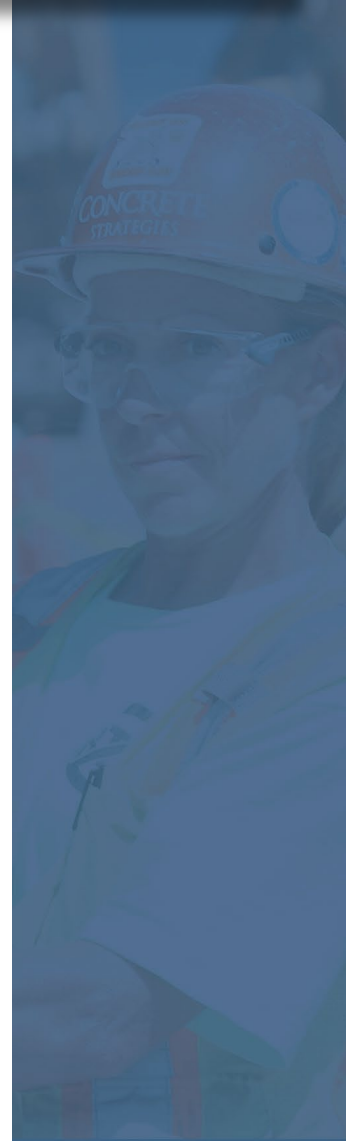
David Hasty & Jeff Huck

Consulting Engineers



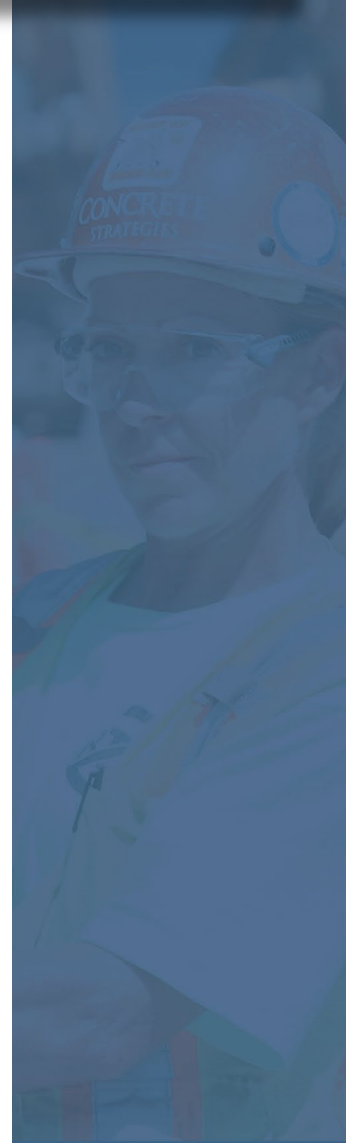
Grand Glaize Trunk Sanitary Relief (Ballwin Golf Club to Claymont Cove Ct) (Project #12272)

- Origin of Project
- Goals
- Project Overview
- Map
- Schedule
- What You Can Expect



Origin of Project

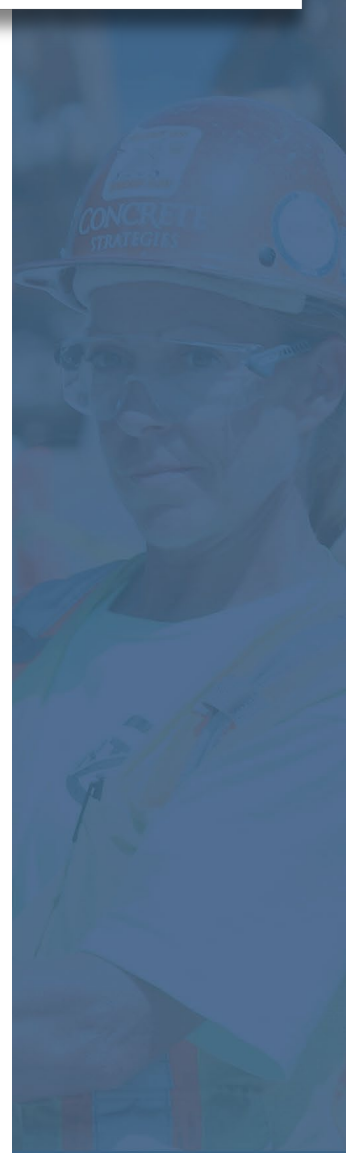
- Complaints
- MSD Planning Group evaluated study area
- Problems Identified
 - Leaky pipes due to issues such as open/offset joints and cracks allowing groundwater to get into wastewater pipes
 - Public sewer pipes are too small to carry flow
 - Sewers are overflowing and backing up into basements



Project Goals

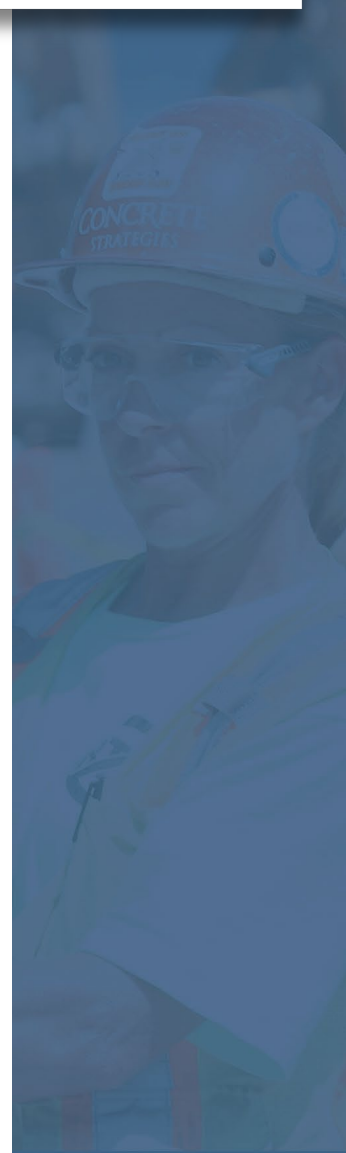
This project will:

1. Reduce basement backups and wastewater sewer overflows;
2. Increase system capacity.



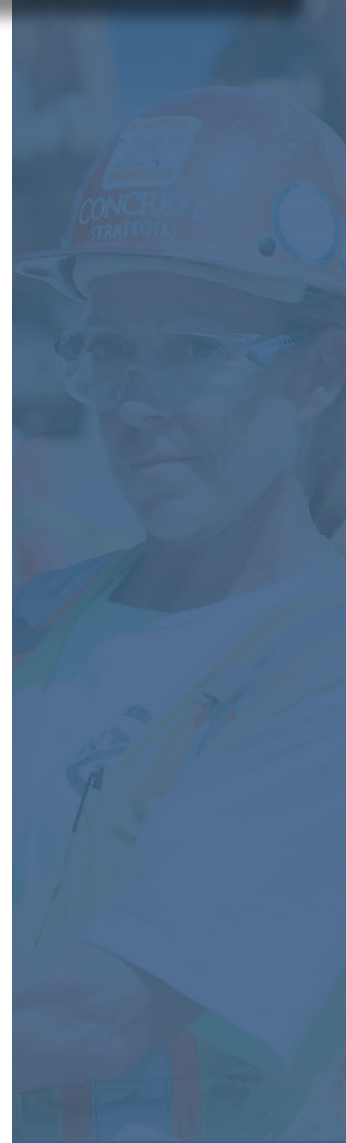
Project Overview

- Sewer Relief Design Solution
 - Construct approximately 1,726 feet of 6 inch to 15 inch diameter wastewater system

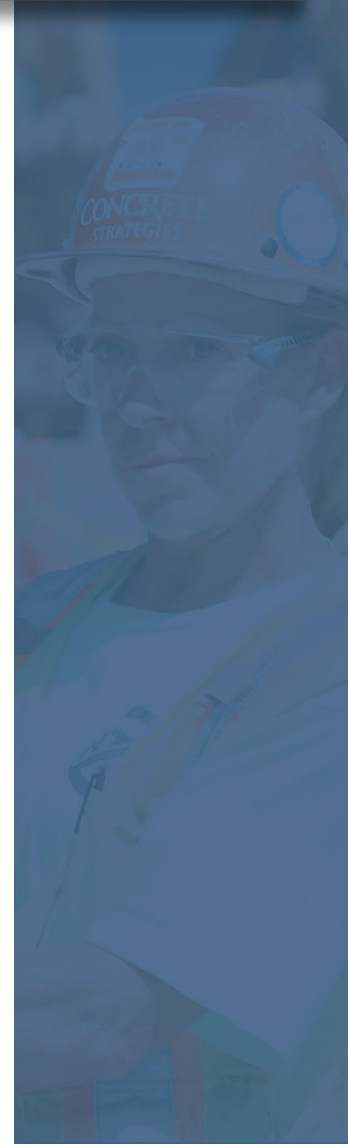
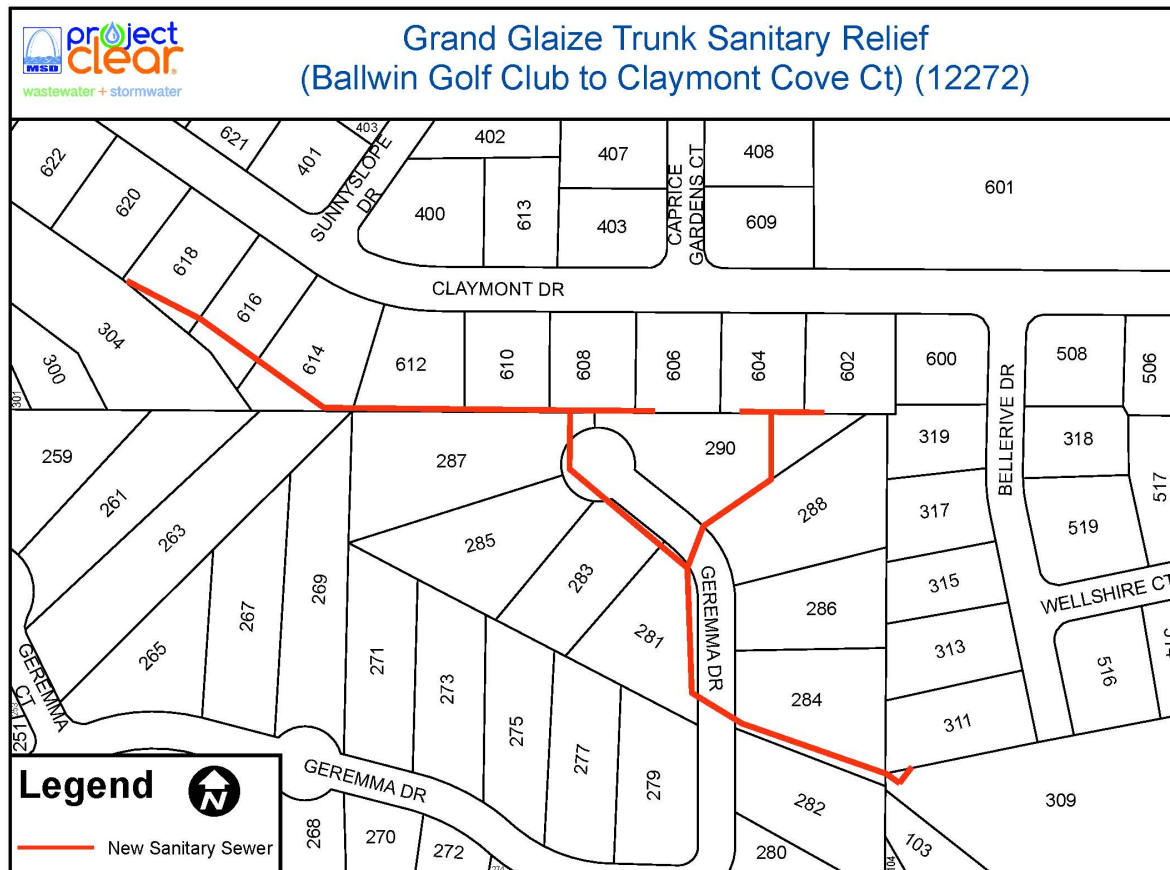


Project Overview

- Easements
 - New easements required: 8
 - 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



Project Map



Anticipated Schedule

Design Phase

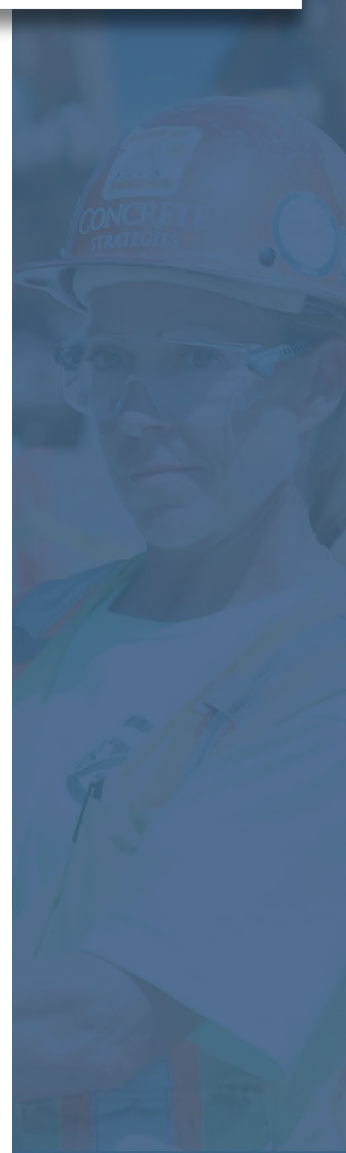
- Complete Design – Fall 2020

ROW Phase

- Complete Easement Acquisition – Fall 2021

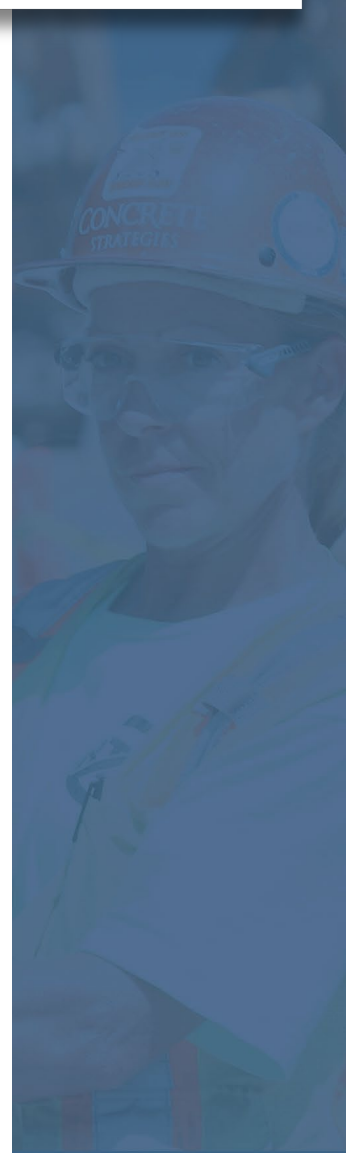
Construction Phase

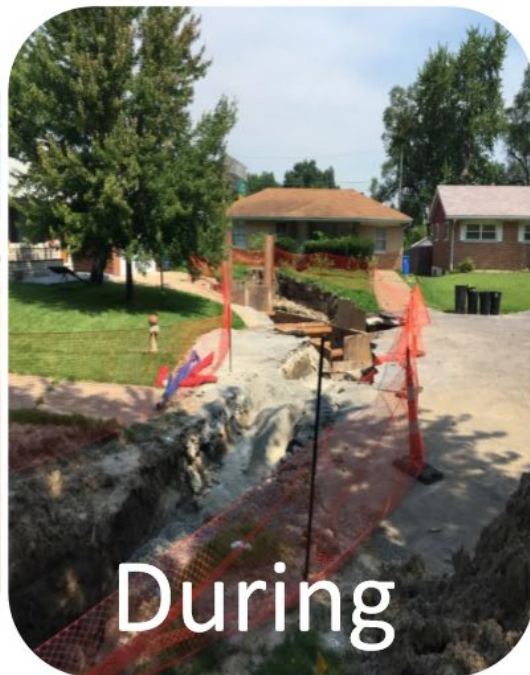
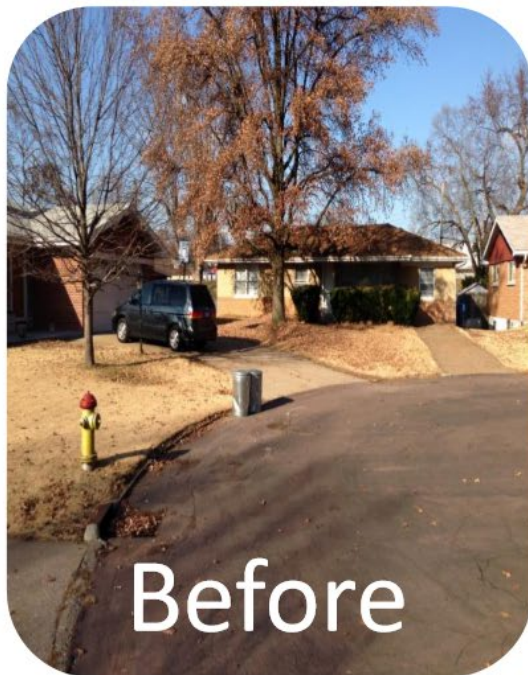
- Begin Construction – Spring 2022
- Complete Duration – 1 year or less



What to Expect: Sewer Relief Construction

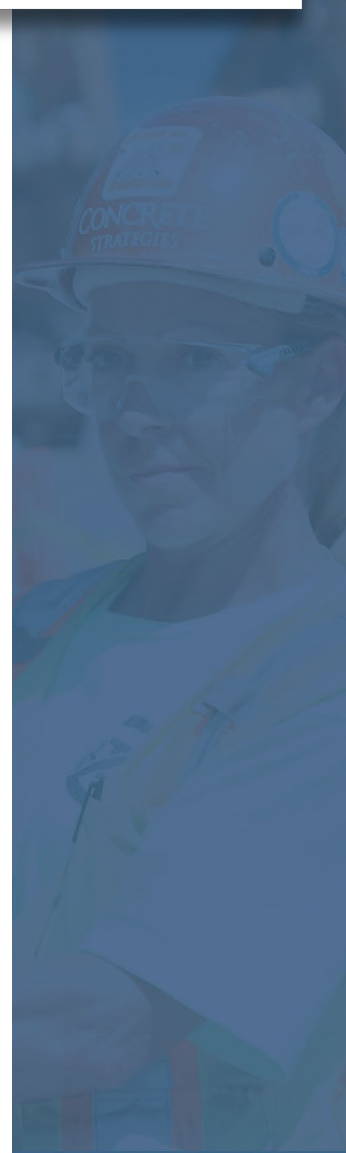
- Some temporary traffic disruption.
- Work trucks and crews in your neighborhood.
- Mobilize equipment and material prior to excavating
- Equipment staged in the right of way/TCE.
- You will receive information from the construction team before their work begins.





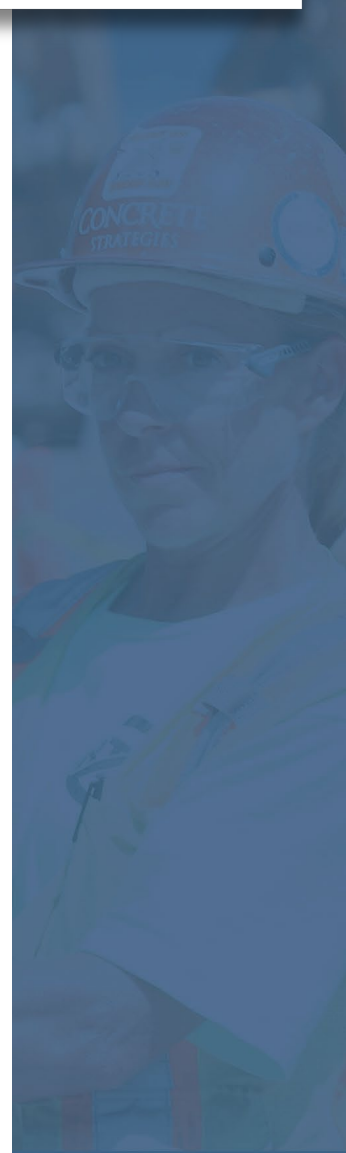
What to Expect: Sewer Relief Construction

- 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



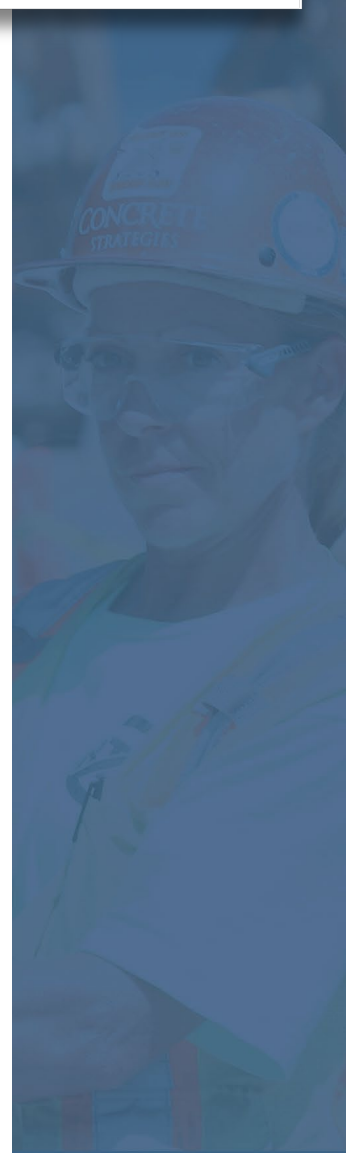
What to Expect: Sewer Relief Construction

- 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



Your Turn!

- We welcome your questions and feedback about MSD in general.
- General questions about the Grand Glaize Trunk Sanitary Relief (Ballwin Golf Club to Claymont Cove Ct) (Project #12272) project will be answered now.



Questions?

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