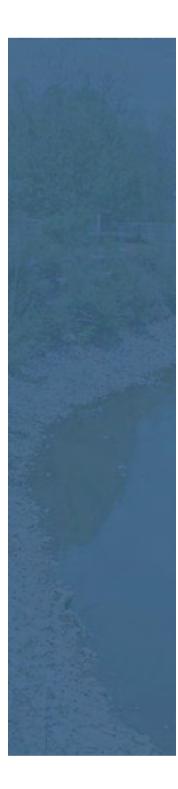


### WW-2 and WW-3 Warson Woods Sanitary Relief (12302)

## Virtual Town Hall

SEPTEMBER 2, 2020 6:00pm – 7:00pm



#### Today's Roadmap



- Technology Overview and Ground Rules
- Overview of MSD Project Clear
- 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 posted 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)



#### WW-2 and WW-3 Warson Woods Sanitary Relief (12302)

Steve Roberts, P.E. – MSD Project Manager

Curt Kimmel, P.E. – Burns & McDonnell Project Manager

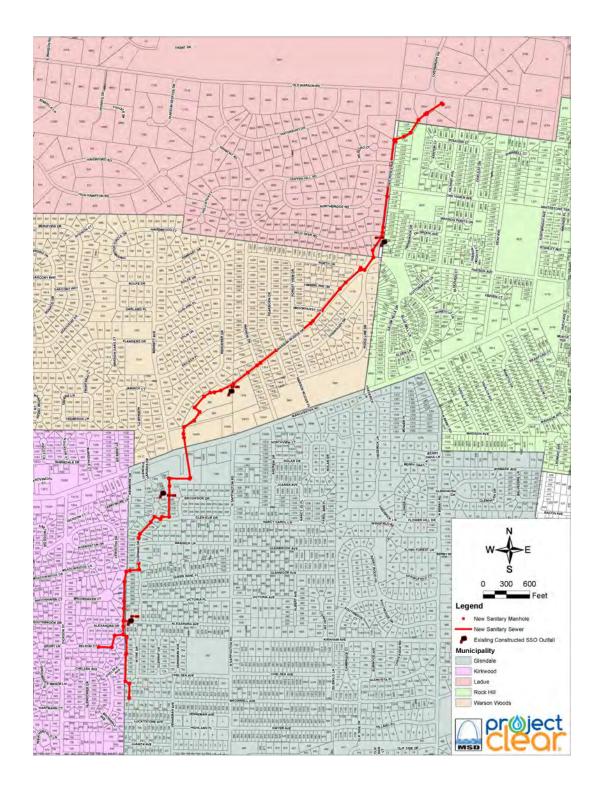


#### **Project Overview**



- Origin of Project
  - The existing sanitary sewer is undersized.
  - Building back-ups due to overcharged or blocked sewer mains in the project area.
  - Three (3) Constructed Sanitary Sewer Overflow (SSO) Outfalls.
- Project Goal and Benefits
  - Alleviate sanitary sewer surcharging and building back-ups during rainfall events.
  - Remove three (3) Constructed SSO Outfalls to prevent untreated wastewater from spilling into local waterways.









#### **Project Map**



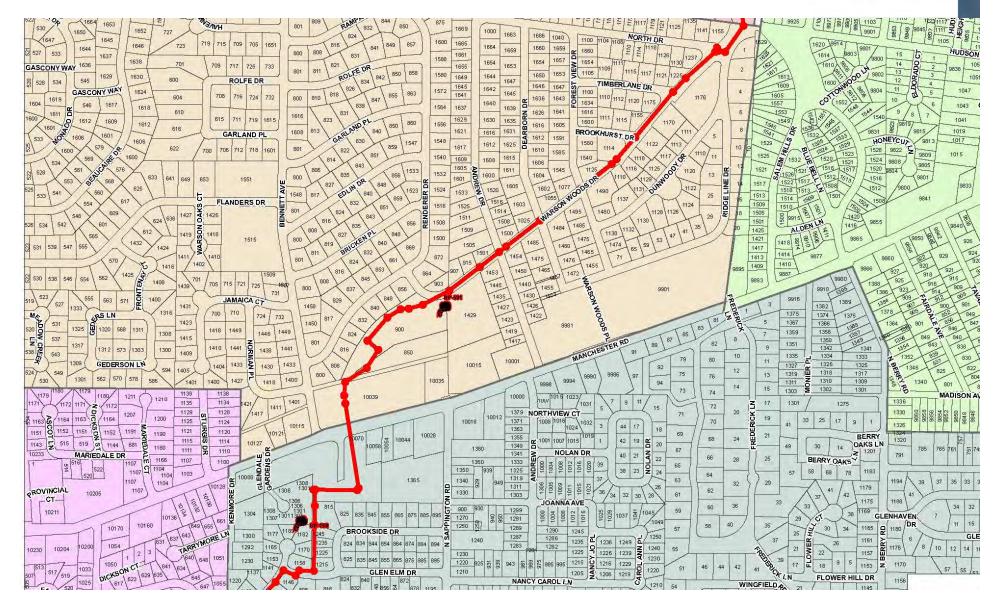
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#### **Project Map**



wastewater



#### **Project Map**



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#### **Project Facts**



- Proposed Sanitary Relief Sewer
  - 10,700 LF
  - 10 feet to 25 feet in depth
  - 8-inch to 30-inch in size
- Remove three (3) Constructed SSO Outfalls
  - Previously identified on Project Map



#### How It Will Be Built



- Construction Method combination of open-cut excavation and tunneling
  - 40-ft x 20-ft shafts for tunneled segments
- Equipment
  - Typical heavy construction machinery may include generators, bypass pumps, backhoes, skid loaders, dump trucks, etc.



#### What Can Residents Expect?



- Easements for access to private property
- Anticipated road closures/traffic impact
- Anticipated access issues (residential/commercial)





#### **Tentative Construction Schedule**



- Easement Acquisition Fall 2021
- Design Completion Early 2022
- Estimated start date Summer 2022
- Estimated duration 24 Months



#### FAQs



- Q1: Will there be any disruption to sewer service or any other utilities?
- Q2: What will the neighborhood look like when construction is finished?
- Q3: Will residents lose access to their homes or businesses during construction?
- Q4: Will the Contractor keep the site and driving areas free of debris and clutter?



## **Questions?**

Steve Roberts, P.E. MSD Project Manager sroberts@stlmsd.com (314) 768-6310

Curt Kimmel, P.E. Burns & McDonnell Project Manager <u>ckimmel@burnsmcd.com</u> (314) 682-1576

A recording of today's meeting will be available at: MSDprojectclear.org/ww2-3

