

# Piscataway Creek Basin Sewer Rehabilitation Projects, Northern Section

August 25, 2021

# Agenda

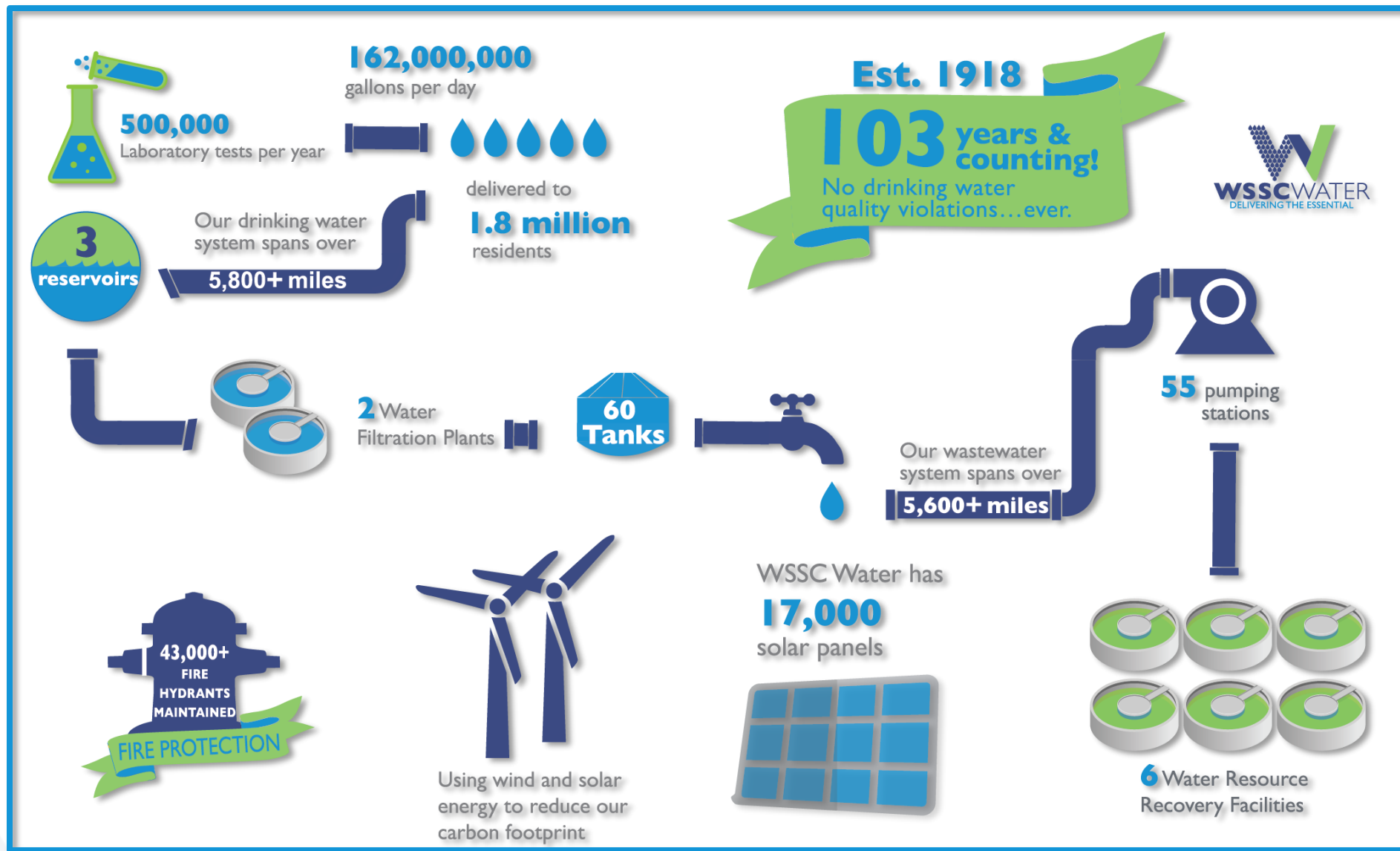
- Introduction to Project Team
- WSSC Water Overview
- Sewer Rehabilitation Program Overview
- Project Overview
- Project Map
- Sewer Rehab Methods
- Estimated Construction Schedule
- Operation Changes in response to Covid-19
- What to Expect During Construction
- Project Summary
- Questions & Answers

# Project Team

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# WSSC Water Overview



# Sewer Rehabilitation Program Overview

- WSSC Water is strategically replacing and rehabilitating our aging water and sewer pipes throughout our service area, a part of our effort to enhance service and reliability to our customers.
- Provide for correcting structural deficiencies in sewer mains that may result from soil settlement, root penetration, or corrosion, and often contribute to sewage overflows and backups into homes.
- The completed projects will extend the life of the sewer pipes by at least 50 years.

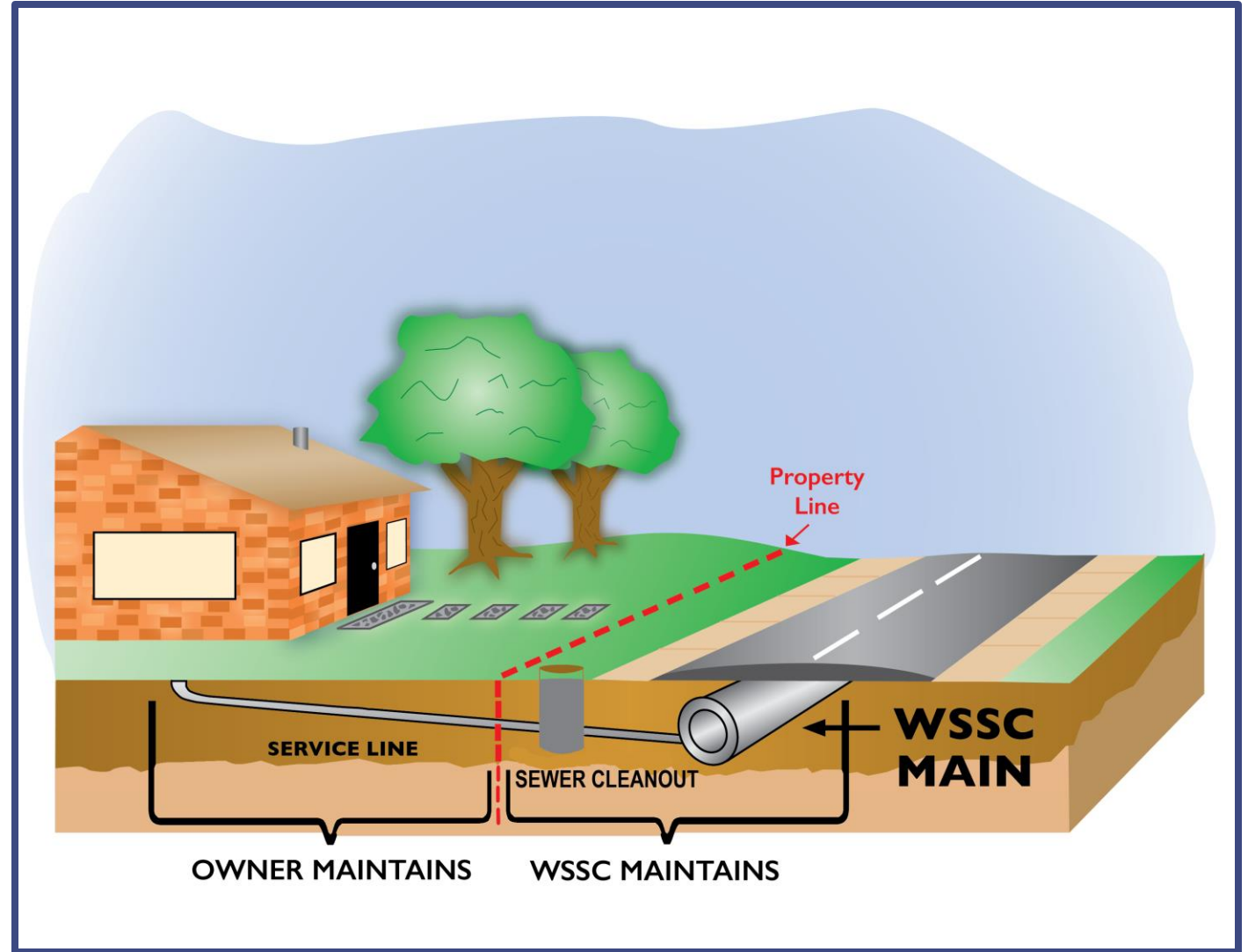
# Project Overview

- Sewer pipes and manholes will be rehabilitated using primarily Trenchless methods.
- Pipes and manholes that are in very poor condition will require excavation to replace or repair them.
- Approximately **10.1** miles of sewer pipes will be rehabilitated or replaced;
- Approximately **250** manholes will be rehabilitated or replaced.
- Sewer house service connections (up to property lines) will be replaced and reconnected where sewer pipes are replaced.
- WSSC Water will restore areas affected by construction.



# Project Overview

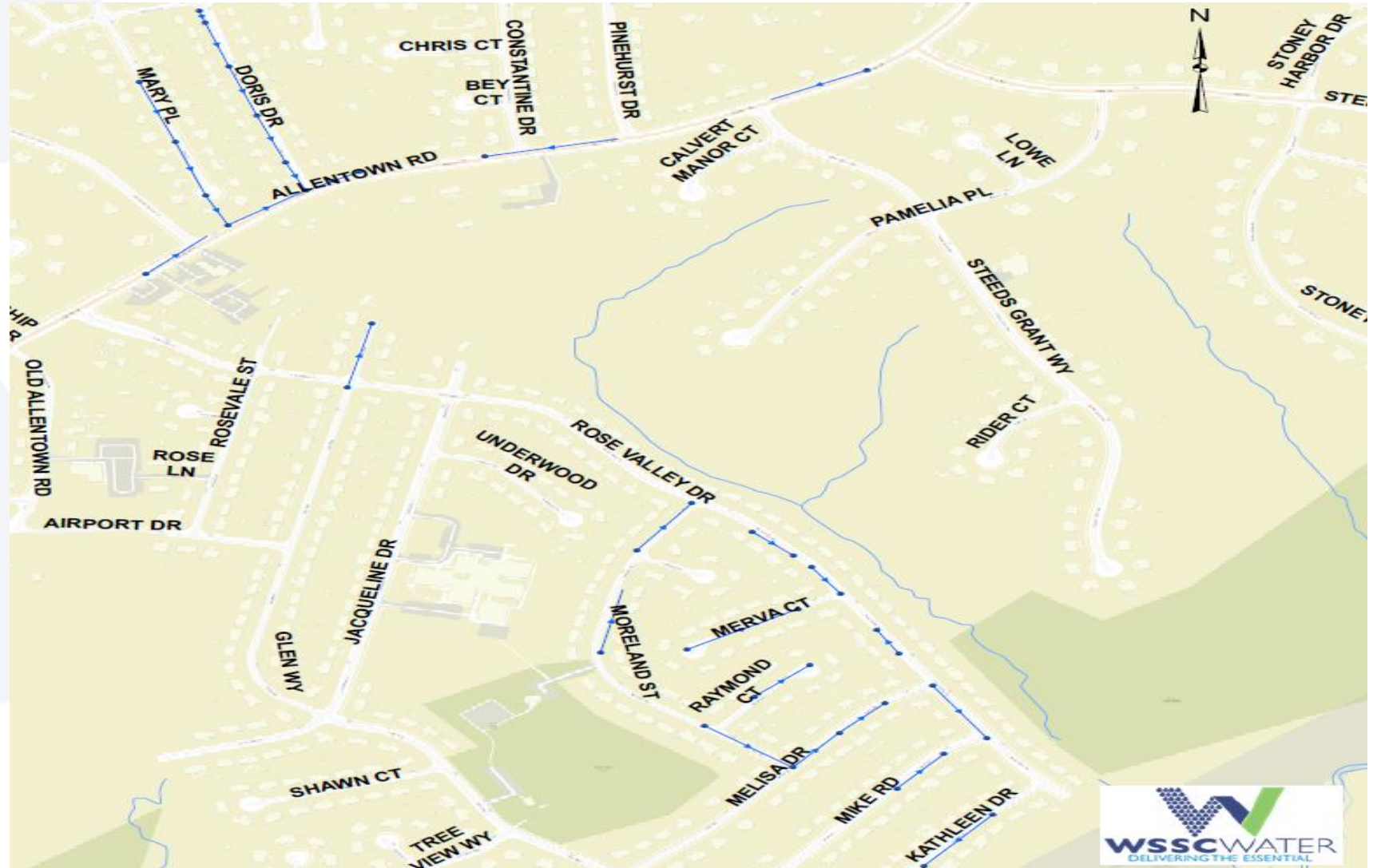
- New sewer mains will be installed within the roadways
- New house connections (sewer service lines) will be installed up-to the property line
- WSSC Water coordinates with local and state agencies, as well as other utilities for all planned work to avoid potential conflict and minimize disturbances to neighborhoods.



# Project Area I, Project No. CICRLLLR7I15B2I - CTO 311

## Directly Impacted Streets

SPELL ROAD  
SULLA COURT  
WHITE AVENUE  
DORIS DRIVE  
KATHLEEN DRIVE  
MIKE ROAD  
MELISA DRIVE  
MORELAND STREET  
ALLENTOWN ROAD  
ROSEVALLEY DRIVE  
RAYMOND COURT  
MERVA COURT  
GLEN WAY  
MARY PLACE





# Project Area 2, Project No. Project C1CR7116B21 - CTO 312

## Directly Impacted Streets

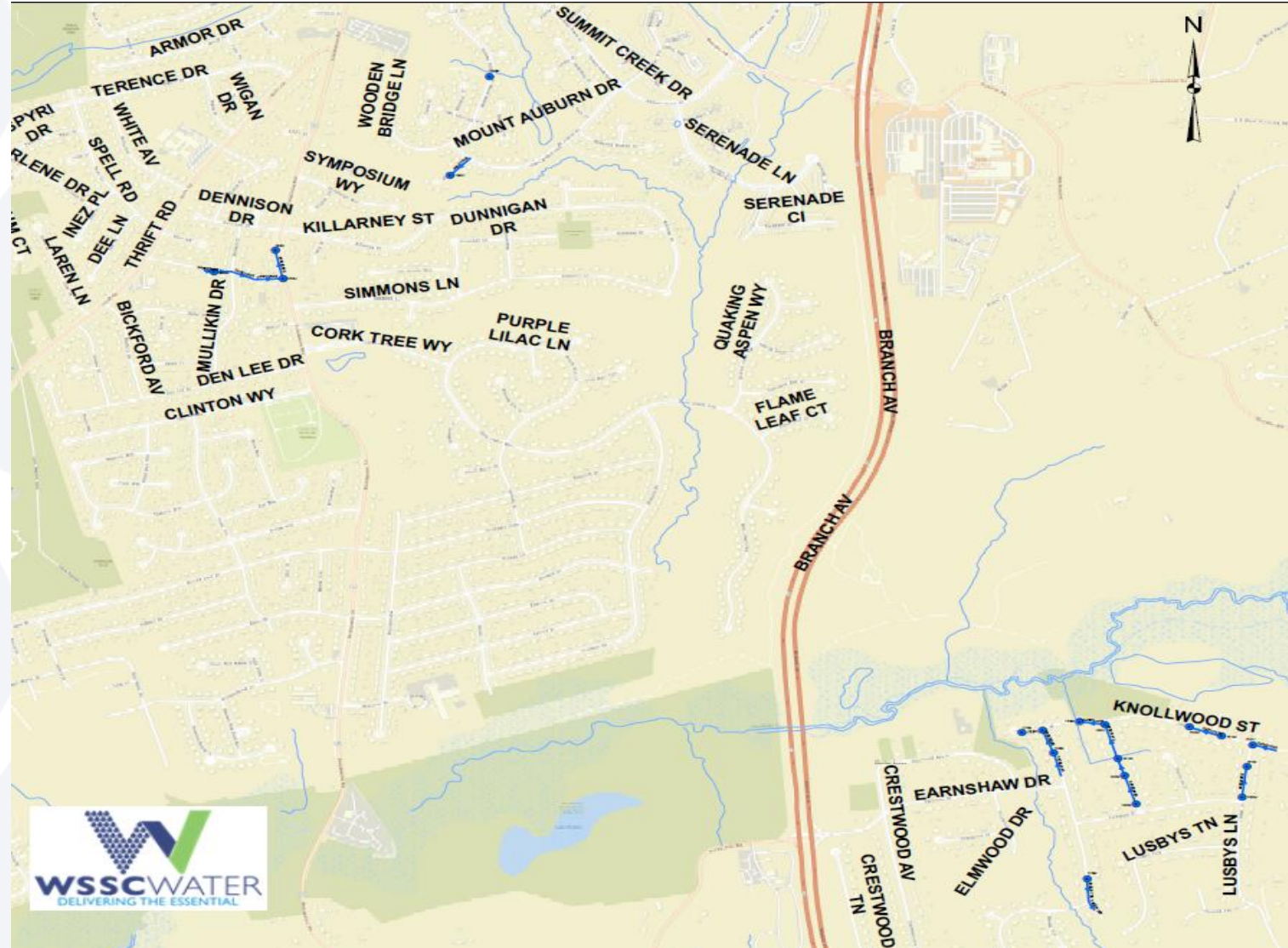
EDWARD DRIVE  
UPTON PLACE  
BRANDYWINE ROAD  
EILERSON STREET  
GROVETON DRIVE  
FULFORD STREET  
KEYSTONE AVENUE  
DANFORD DRIVE  
CRAFTON LANE  
NORTHGATE PARKWAY  
MARLEE AVENUE  
WILLOW WAY  
DEN LEE DRIVE



# Project Area 3, Project No. Project CI7117B21 - CTO 313

## Directly Impacted Streets

REDWOOD DRIVE  
BRANDYWINE ROAD  
PARKVIEW LANE  
WRENSONG LANE  
ELMWOOD DRIVE  
EAST SHELBY LANE  
LUSBYS LANE  
KNOLLWOOD STREET  
KNOLLWOOD PLACE  
EAST REDWOOD DRIVE  
BRIGHTWOOD DRIVE





# Project Area 4, Project No. CILLR685 I Q20 - CTO 306

## Directly Impacted Streets

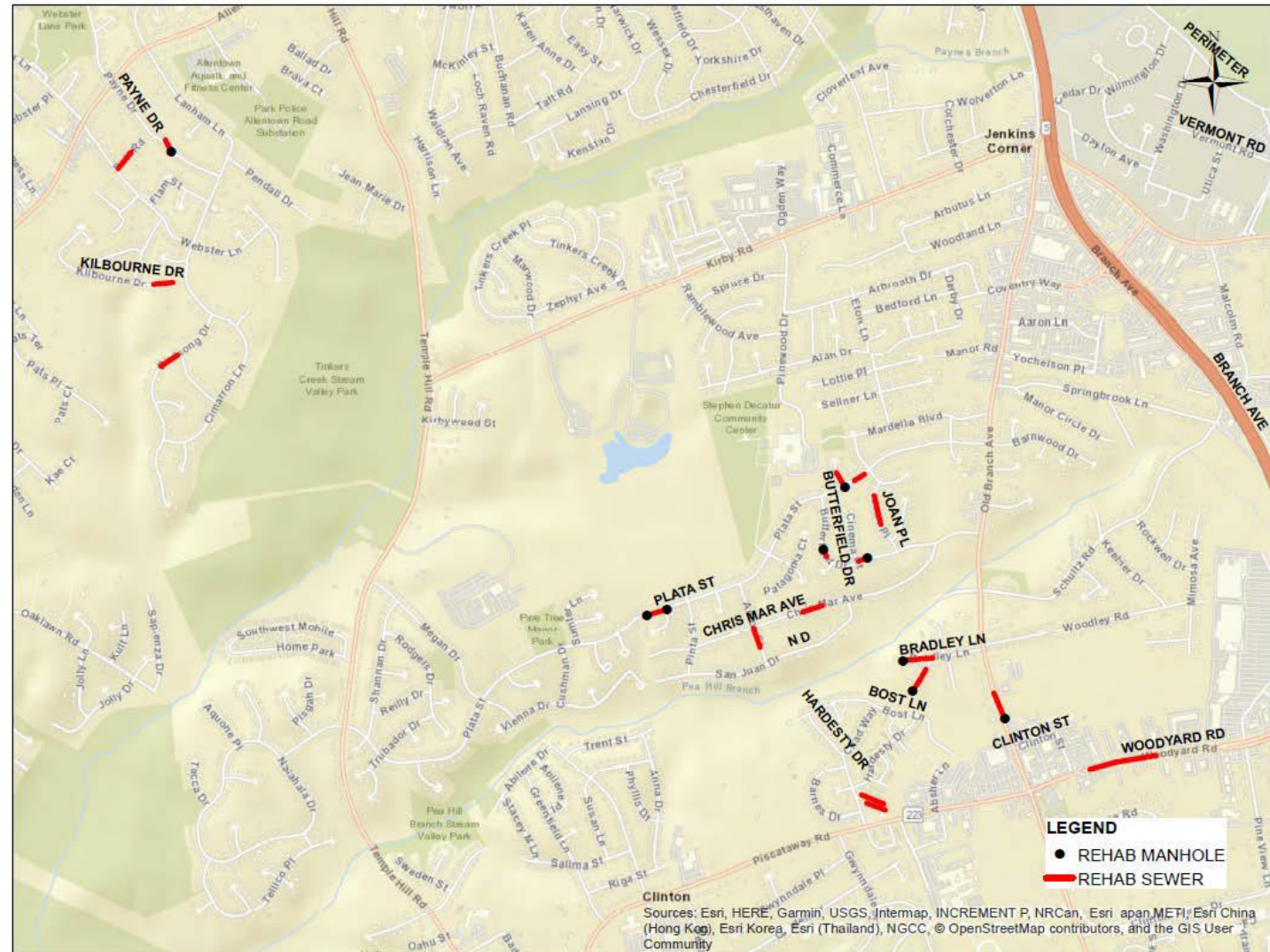
GLISSADE DRIVE  
ZAREH DRIVE  
ACCOLADE DRIVE  
ACCOLADE COURT  
ACCOLADE TERRACE  
MARY CATHERINE DRIVE  
CLAVIER PLACE  
PARKER LANE  
ELIZABETH IDA DRIVE  
DELANCEY STREET  
ROSEDELL PLACE  
JACQUELINE DRIVE  
GLENWAY  
ROSEVALE STREET  
BLACKWATER PLACE  
WINDBROOK DRIVE  
APPLECROSS DRIVE  
TOVE ROAD  
LUNAN ROAD



# Project Area 5, Project No. CICRLLLR7I20B2I - CTO 309

## Directly Impacted Streets

Kilbourne Drive  
Hardesty Drive  
Anaico Court  
Plata Street  
Triangle Drive  
Butterfield Drive  
Bradley Lane  
Old Branch Avenue  
Woodyard Drive  
Chris-Mar Avenue  
Birdsong Drive  
Payne Drive  
Joan Place

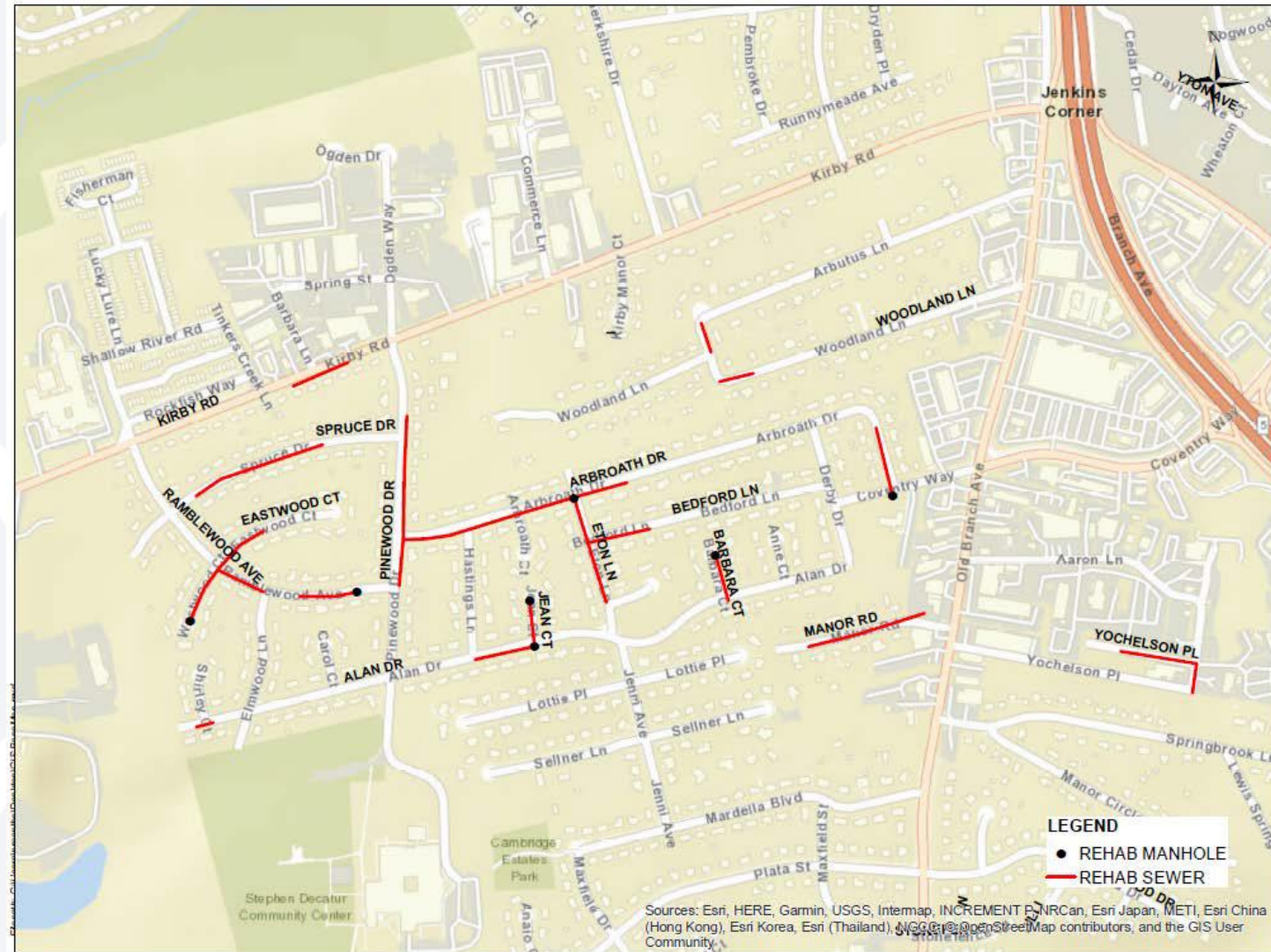




# Project Area 6, Project No. CI/CR/LL/LR7I25B2I CTO - 310

## Directly Impacted Streets

Alan Drive  
Yochelson Place  
Woodland Lane  
Westwood Court  
Spruce Drive  
Ramblewood Avenue  
Pinewood Drive  
Manor Road  
Kirby Road  
Jean Court  
Eton Lane  
Eastwood Court  
Bedford Lane  
Barbara Court  
Arbroath Drive

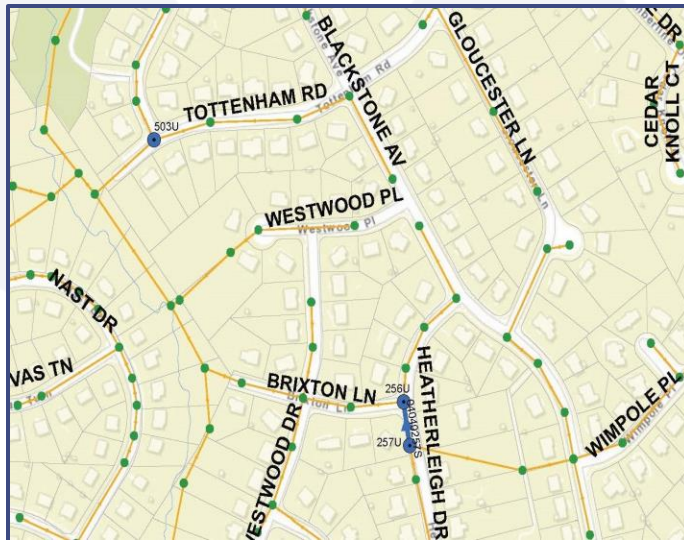
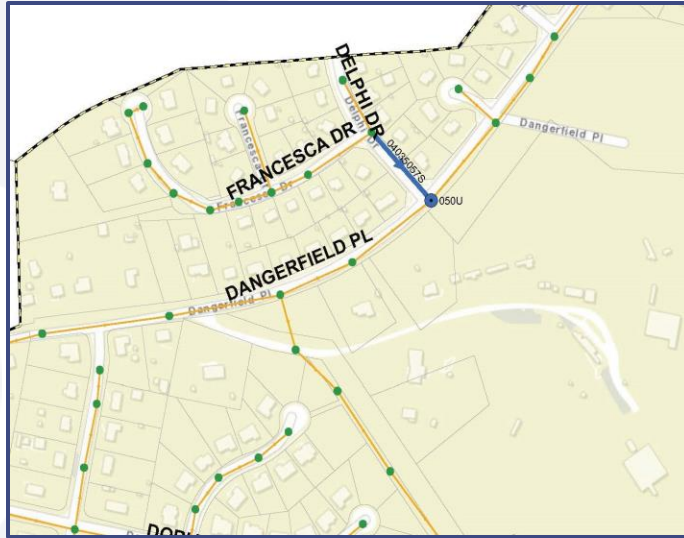




# Project Area 7, Project No. Project CILLR7I23B2I - CTO 308

## Directly Impacted Streets

DELPHI DRIVE  
FRANK TIPPET ROAD  
DALE DRIVE  
ROSARYVILLE ROAD  
WYMANWAY  
LEMOCKS DRIVE  
TYRONE DRIVE  
PHILLIPS DRIVE  
QUEEN ELIZABETH DRIVE  
FARRAR AVENUE  
LEFEVRE DRIVE  
ANGORA DRIVE  
BASEL DRIVE  
BEHUN DRIVE  
LILY GREEN WAY  
CARNOT DRIVE  
HEATHERLEIGH DRIVE  
BLACKSTONE AVENUE  
PITMAN AVENUE  
RHODENDA AVENUE  
TOTTENHAM ROAD





# Project Area 8, Project No. Project CILLR685 IN20 - CTO 303

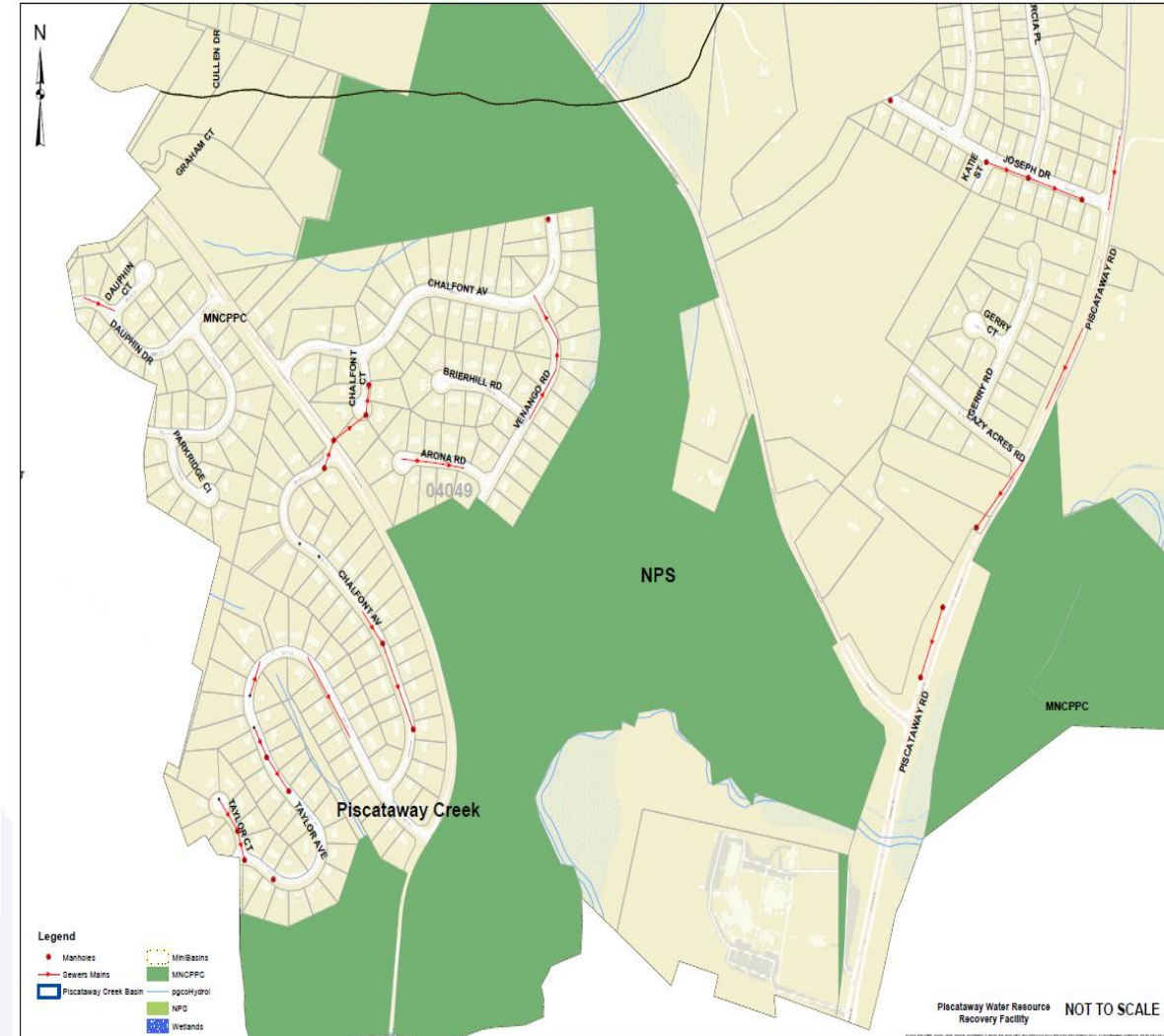
## Directly Impacted Streets

CHALFONT AVE  
TAYLOR AVENUE  
PISCATAWAY ROAD  
VERANGO ROAD  
DAUPHIN DRIVE  
JOSEPH DRIVE  
VALLEY VIEW DRIVE  
JOMAR DRIVE  
ARONA ROAD  
GRAGO DRIVE

PISCATAWAY URGENT REHABILITATION PROGRAM - PROJECT CTO-303



PISCATAWAY URGENT REHABILITATION PROGRAM - PROJECT CTO-303





# Sewer Repairs Types: Open Trench





# Sewer Repairs Types: Trenchless Technology





# Sewer Repairs Types: Manhole Rehabilitation





# Estimated Construction Schedule

Expected Construction Start: Winter 2021

Expected Construction Duration: One Year

*Construction schedules are estimated and weather permitting*

# Operational Changes in response to Covid-19

- WSSC Water has implemented protocols that align with recommendations from local, state, and federal public health authorities.
- Working to minimize impact
  - Facial masks (when indoors) and physical distancing
- All WSSC Water employees and contractors are required to refrain from coming to work if displaying symptoms of COVID-19.
  - We have implemented robust internal contact tracing and quarantine requirements.
- Earlier notification to customers



# What to Expect During Construction

- Anticipated Work schedule: 9:00 a.m. to 3:00 p.m., Monday-Friday
  - Conditions at some locations may require different work hours
  - Residents will be notified at least 2 days prior to all construction activities
- Construction activities may include:
  - Marking locations of utilities
  - Field Inspections
  - Rehabilitation of sewer mains, manholes and laterals (primarily in the roadway)
  - Pavement restoration where digging is necessary
- Reliable sewer service will be maintained during construction



# What to Expect During Construction

- Street parking will be limited on streets with active construction.
  - 48-hours advanced notification will be provided.
  - NO PARKING signs will be posted.
  - All roads will remain accessible at all times during construction. However, certain activities may require temporary closures and delays.
- Access from the public roadway to businesses and homes will be maintained at all times.
- Entry into homes is NOT required.
- Tree removal, only when necessary, pruning and/or stump removal.
  - New trees will be planted where trees needed to be removed
  - Trees on private property will not be removed



# Traffic Impacts

- Certain construction activities may require temporary changes to traffic patterns
  - Traffic will be managed to minimize community disruptions
- Access will be maintained to homes during construction
  - Access into homes is **NOT** required
  - Access onto private property is generally **NOT** required
- Parking restrictions
  - WSSC Water will provide 48-hour advance (denoted by “No Parking” signs) notice prior to any parking restrictions
  - Any vehicles that have not been removed from the designated area will be towed to a nearby street at no cost to the owner.
- Final restoration of sidewalks, roadways and landscaping will take place within 90 days of construction completion.





# Project Summary

- WSSC Water will be rehabilitating pipes, manholes, and some laterals.
  - Lateral work will not extend past the property line.
- WSSC Water is committed to minimizing the impact of construction.
- WSSC Water will restore all areas impacted by construction activities at the end of the project.
- We understand the inconvenience these types of projects can cause and appreciate your patience as we work to provide safe, seamless and satisfying water and sewer services, for our customers every day.
- Sign-up at [www.wsscwater.com/CNS](http://www.wsscwater.com/CNS), to receive emails and/or text alerts so you can keep updated on work in your neighborhood.

# QUESTIONS?

