



**JEA**<sup>®</sup>



**Community Meeting  
September 11, 2019  
Deercreek Subdivision  
Sewer Improvement Project**

# MEETING AGENDA

- Greeting - Safety Briefing
- Opening Comments – Councilman Becton
- Project Background
- Project Overview
- Construction Conditions - What to Expect During the Work
- Question & Answer

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**Safety  
Briefing**

# SAFETY BRIEFING

- Emergency Evacuation Route
- Assembly Place
- Medical Conditions
- CPR
- Fire Extinguisher Location
- Hazards in the Room
- Cell Phones on Silent
- Restrooms





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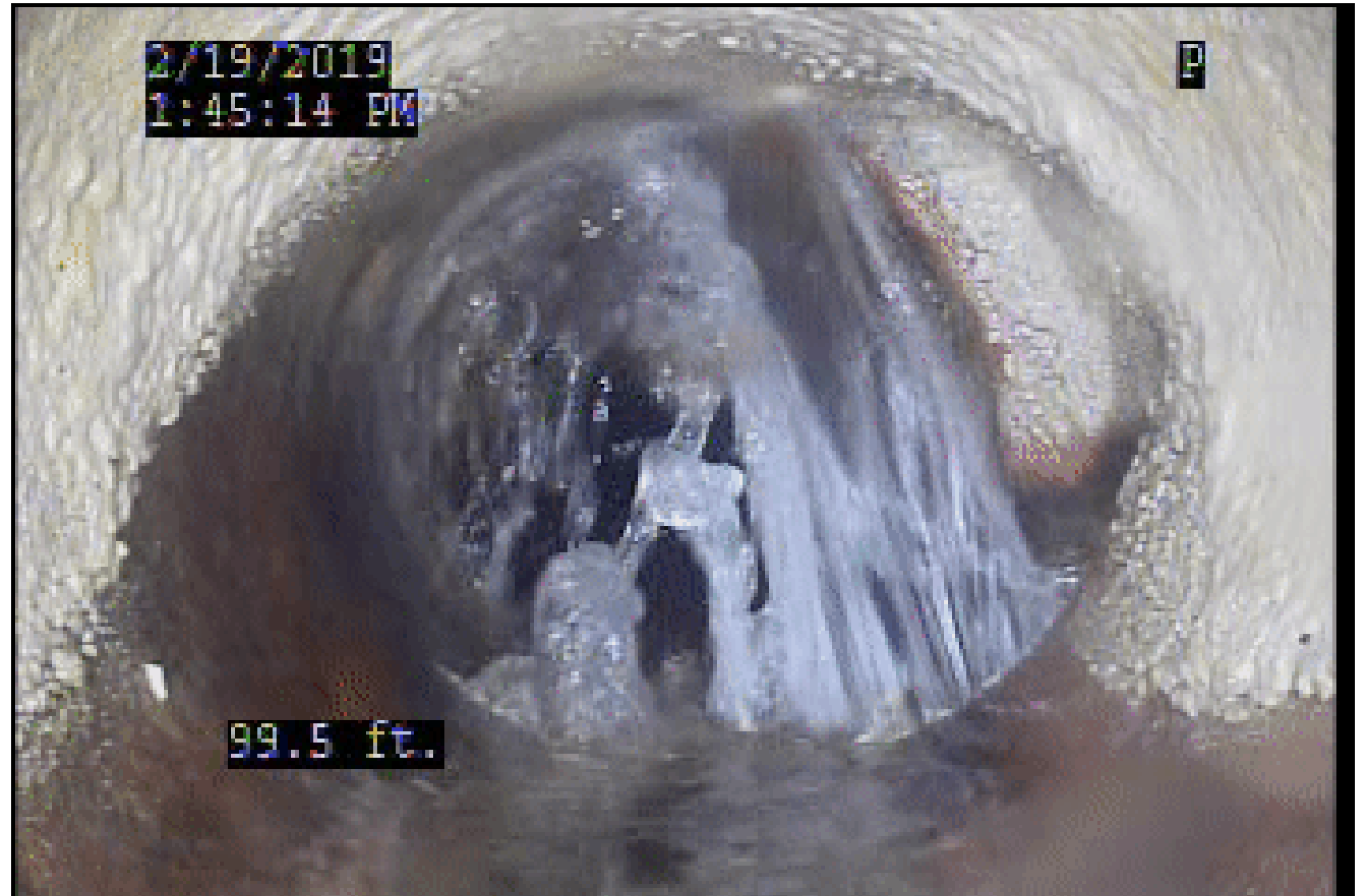


## **PROJECT BACKGROUND**

# PROJECT BACKGROUND

- JEA originally contacted regarding settling manholes prior to Deercreek paving project
- Crews discovered problems with connection points to main sewer line from homes – referred to as “T’s”
- Deercreek Subdivision built in early 1980’s
- Most contractors/developers at the time installed ductile iron “T’s” instead of PVC (standard now)
- Ductile iron compromised by sewer gases over the years causing tuberculation and dirt/water infiltration
- “T’s” need to be repaired to prevent infiltration and future roadway issues

# PROJECT OVERVIEW



**Water Infiltration on a Sewer Line**



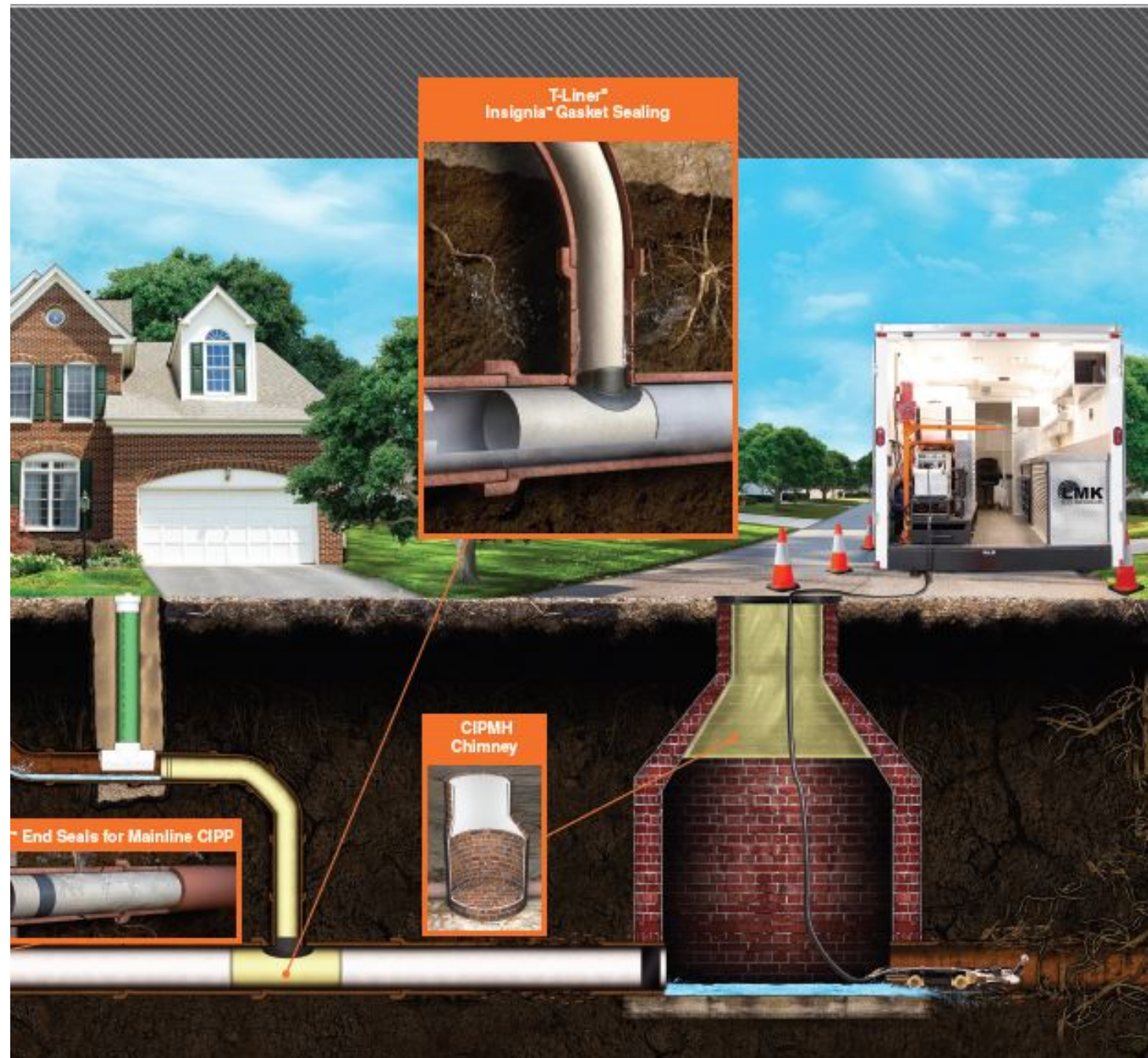
# SANITARY SEWER SYSTEM



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## PROJECT OVERVIEW







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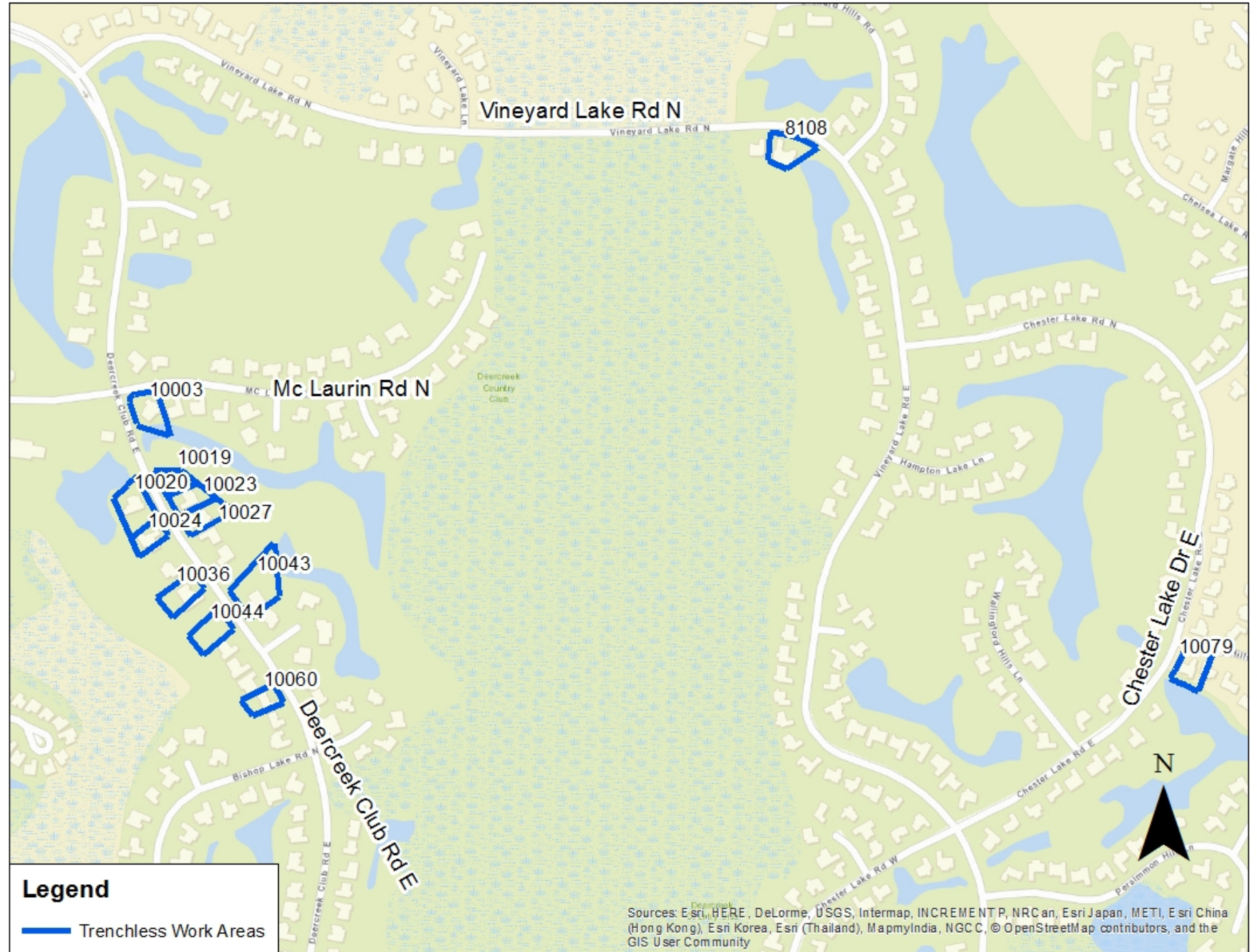
## PROJECT OVERVIEW

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- Replace ten (10) remaining “T’s” using a trenchless lining technology
- Historically 10% of the “T’s are unable to be lined following cleaning work
- JEA crews will be required to replace using traditional “Open Cut” method
- “Open Cut” method will require detours similar to past work on
- Rehabilitate two (2) sections of ductile iron pipe found in “conflict” drainage manholes
- Rehabilitate Sewer Manholes



# PROJECT MAP - "T's" & Sectionals



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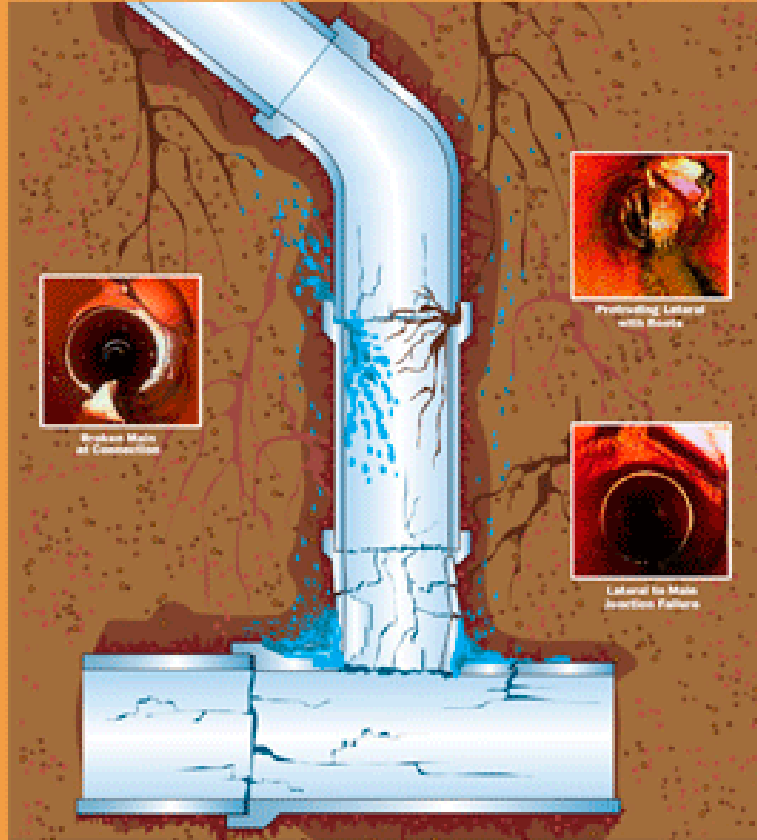
**PROJECT  
MAP**







## THE LATERAL RESTORATION CHALLENGE



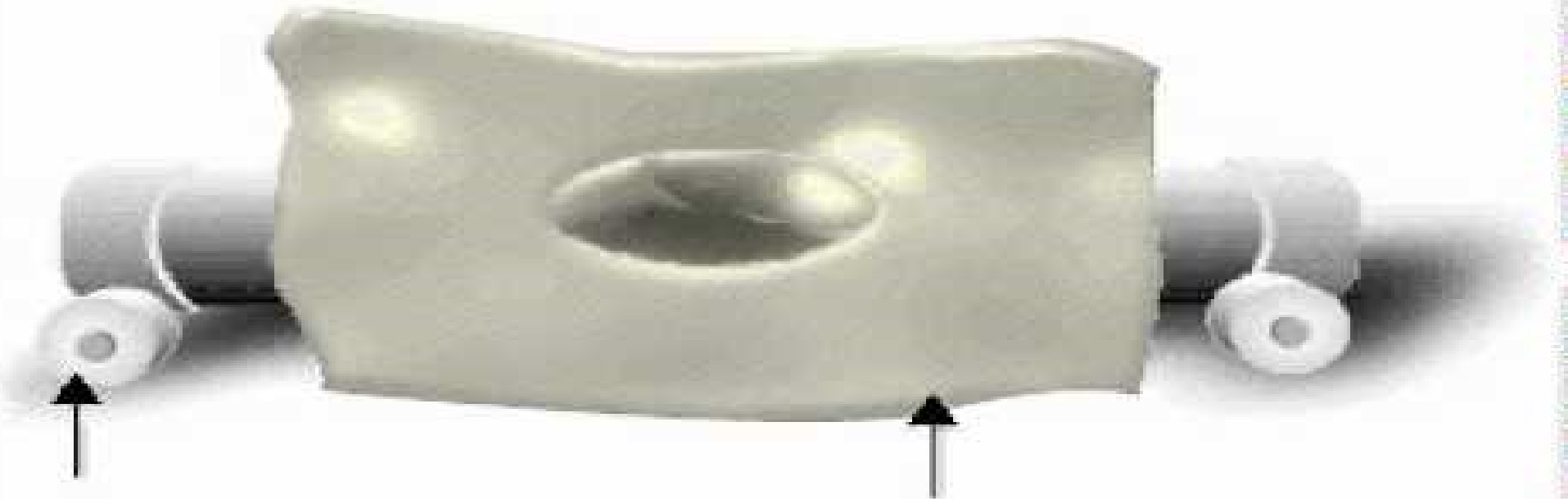
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**CONSTRUCTION  
CONDITIONS**

# CONSTRUCTION CONDITIONS

**2** THE T-LINER IS INSPECTED, COATED WITH THERMOSET RESIN, AND LOADED INTO THE T-LOADER DEVICE.



T-Liner Lining Process Video



# CONSTRUCTION CONDITIONS



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**CONSTRUCTION  
CONDITIONS**





# CONSTRUCTION CONDITIONS

- Residents will first notice locate paint marks, flags and survey markers on the ground throughout the project area – Do not disturb
- Expect large utility trucks in the area depending on the daily planned work activity
- Contractor may need to access your sewer clean-out
- JEA may require some detours and lane closures while work is completed
- No water outages
- Any roads, curb, grass, driveway, sidewalk, or sod unintentionally damaged during construction will be replaced at the end of the project



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**CONSTRUCTION  
CONDITIONS**





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**Questions?**



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JEA Project Outreach

**665-7500**

Email: [projectoutreach@jea.com](mailto:projectoutreach@jea.com)

Project web page: [jea.com/deercreeksip](http://jea.com/deercreeksip)

# Residential Sanitary Sewer System

