



TOWNHALL MEETING

The City of Cahokia Heights

IEPA Grant 21WWCTIRR01

Townhall Meeting Agenda

- WASTEWATER COLLECTION AND TRANSPORT INFRASTRUCTURE REHABILITATION AND RESTORATION PROJECT OVERVIEW PRESENTED BY **ANTONIO BAXTON**
- CONSTRUCTION ACTIVITIES DESIGN AND ENGINEERING TIMELINE, CONSTRUCTION UPDATES AND BID PROCESS PRESENTED BY **JAMES NOLD**
- CAHOKIA HEIGHTS MAIN SANITARY SEWER TRUNKLINE SLIP LINING PROJECT PROGRESSION PRESENTED BY **JACOB CONWAY**
- CAHOKIA HEIGHTS DEPARTMENT STAFF TRAINING AND CERTIFICATIONS UPDATE PRESENTED BY **SHARLIN PFEFFER**

WEBSITE

[Cahokia Heights Sewer Project - Cahokia Heights Sewer Project](#)

WHILE THIS GRANT WILL WORK TO SOLVE SOME OF THE ISSUES WITH FLOODING IN CAHOKIA HEIGHTS, IT WILL NOT SOLVE ALL OF THE PROBLEMS. IT IS A STEP TOWARDS SOLVING A HISTORICAL ISSUE.



TOWNHALL MEETING

The City of Cahokia Heights
IEPA Grant 21WWCTIRRo1

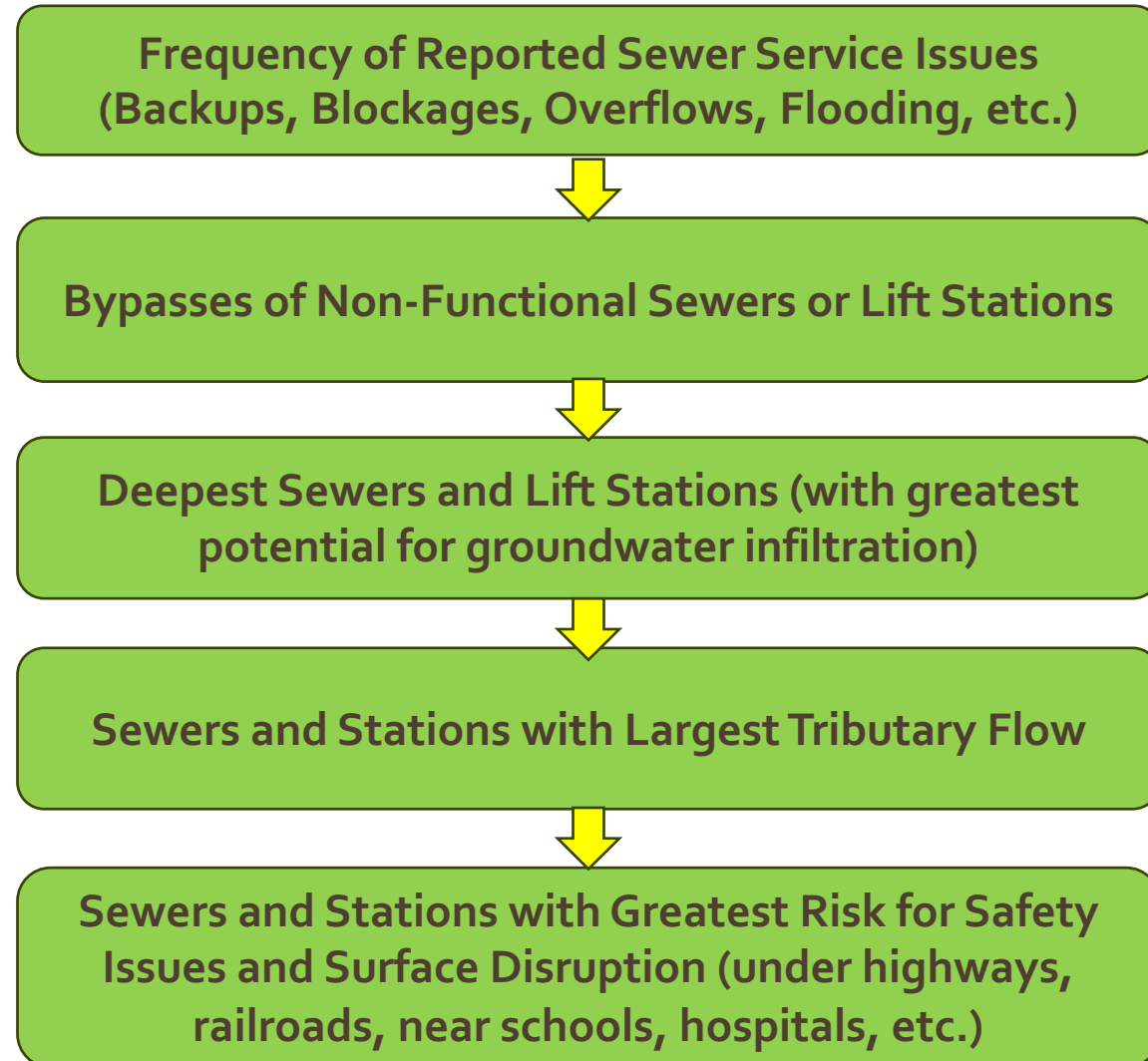




THIRD TOWN HALL MEETING ENGINEERING AGENDA

- OVERVIEW
- PROJECT UPDATES
- RECENTLY COMPLETED PROJECTS
- PROJECT PHOTOS AND TYPICAL SEQUENCE
- PROJECT STATUS AND LOOKING AHEAD
- QUESTIONS & ANSWERS

PROJECT LOCATION SELECTION AND PRIORITY



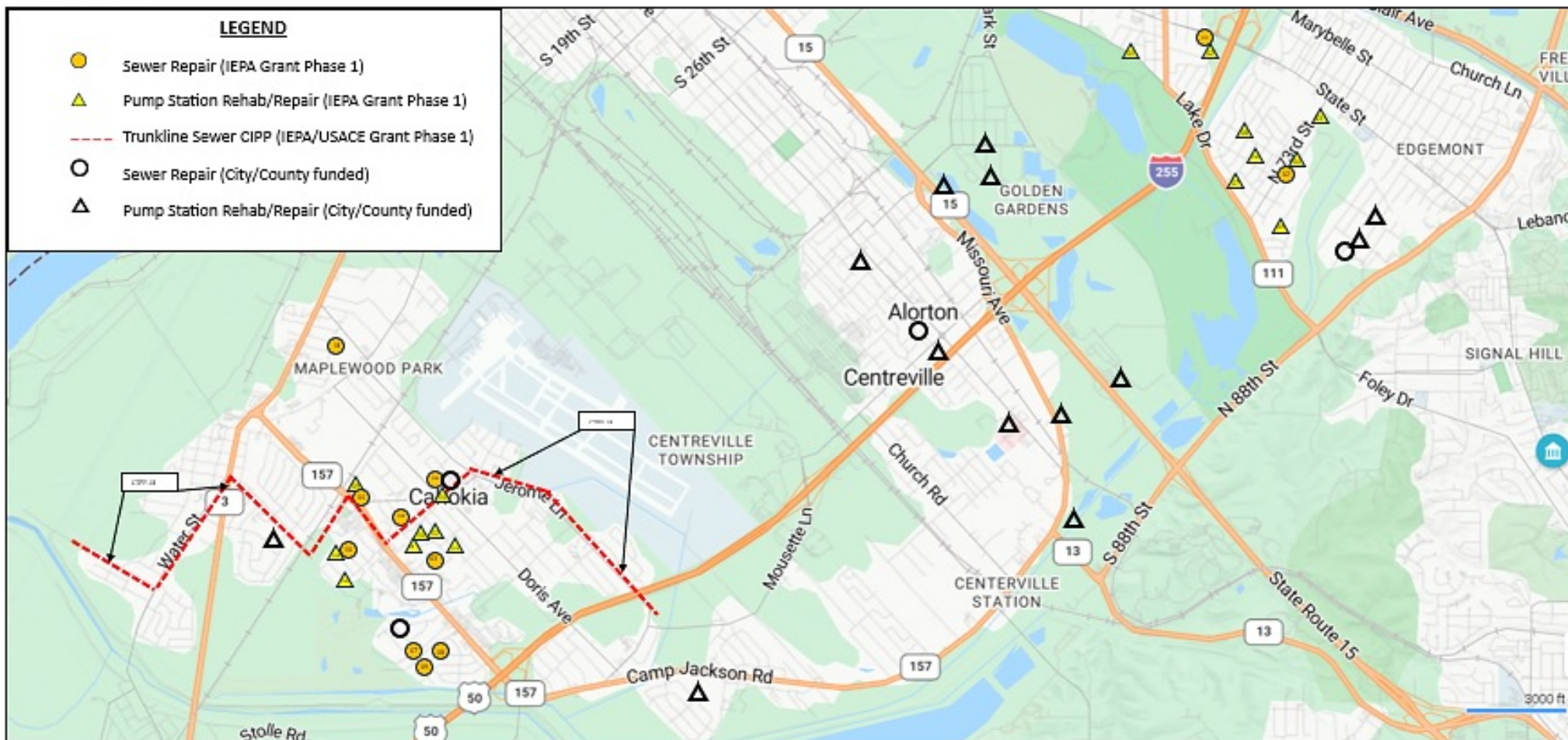


CITY OF CAHOKIA HEIGHTS

IEPA GRANT - WASTEWATER COLLECTION AND TRANSPORT INFRASTRUCTURE



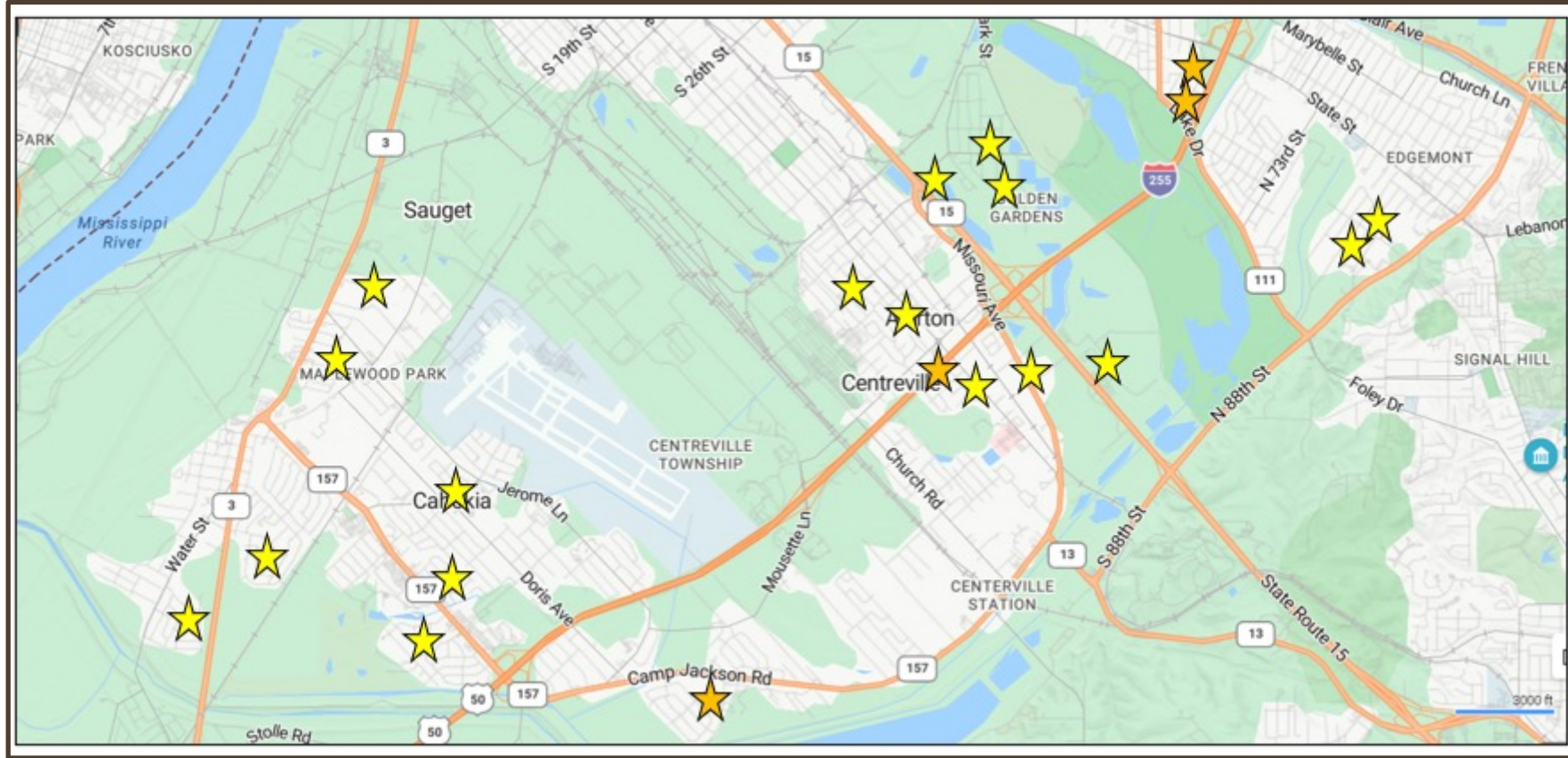
REPAIR AND REHABILITATION PROJECT LOCATIONS



IEPA Grant #	Address	IEPA Grant #	Address	IEPA Grant #	Address	IEPA Grant #	Address	IEPA Grant #	Address	IEPA Grant #	Address
CIPP-01	Jerome Lane to Levin Drive*	SSR-05	858 Midred	SSR-10	1150 Haloran Street	PSR-04	456 N. 73rd Street (Rear)	PSR-09	1051 Cumis Jackson Road	PSR-14	617 Range Lane
SSR-01	327 N. 63rd Street	SSR-06	905 Luella	SSR-11	4025 White Street	PSR-05	102 N. 75th Street	PSR-10	1202 Richard Drive	PSR-15	210 Donald Street
SSR-02	350 N. 73rd Street	SSR-07	148 Blue Water Lane	PSR-01	5651 Lake Drive	PSR-06	7101 Ames Drive	PSR-11	215 Hatchings Drive	PSR-16	222 Mikal Blvd.
SSR-03	1301 St. Zita Lane	SSR-08	126 Kenneth Street	PSR-02	330 N. 63rd Street	PSR-07	7100 Park Place (Rear)	PSR-12	1201 Williams Street		
SSR-04	Cooper Drive	SSR-09	1013 Parklane Drive	PSR-03	490 N. 73rd Street	PSR-08	6951 Ames Drive	PSR-13	1227 Williams Street		



RECENTLY COMPLETED SEWER PROJECTS



★ COMPLETED

500 S. 42nd Street	Lift Station Rehabilitation	\$ 164,000	5800 Old Missouri Avenue	Lift Station Replacement	\$ 199,000
4972 Bond Avenue	Sanitary Sewer Repair	\$ 132,000	Various	Clean, TV and CIPP Sewer Lining	\$ 58,000
4200 Missouri Avenue	Lift Station Replacement	\$ 103,000	4211 Pocket Road	Lift Station Rehabilitation	\$ 121,000
143 Racehorse Drive	Lift Station Replacement	\$ 51,000	239 Pfeiffer Road	Lift Station Rehabilitation	\$ 116,000
800 Range Lane	Sanitary Sewer Repair	\$ 69,000	320 N. 82nd Street	Lift Station Replacement	\$ 189,000
5800 Bond Avenue	Lift Station Rehabilitation	\$ 130,000	352 N. 82nd Street	Lift Station Replacement	\$ 189,000
219 N. 82nd Street	Sanitary Sewer Repair	\$ 158,000	6927 Old Missouri Avenue	Lift Station Replacement	\$ 209,000
301 St. John Drive	Sanitary Sewer Repair	\$ 121,000		TOTAL	\$1,888,000

★ IN PROGRESS

327 N. 63rd Street	Sanitary Sewer Repair	\$ 96,000
310 N. 73rd Street	Sanitary Sewer Repair	\$ 111,000
5008 Market Avenue	Lift Station Replacement	\$ 263,000
36 East Adams Drive	Lift Station Replacement	\$ 228,000
	TOTAL	\$ 698,000

Typical Sewer Repair (N. 63rd St. - 90% complete as of March 2024)



Typical Pump Station Rehab/Replacement

(N. 82nd St. –two stations complete as of October 2023)



Typical Cleaning, Televising, CIPP Lining of Sewer Lines

(various locations completed in 2023, Main Trunkline starting in April 2024)



IEPA GRANT – STATUS AND LOOK AHEAD

(projected milestones)

March 2024

April 2024

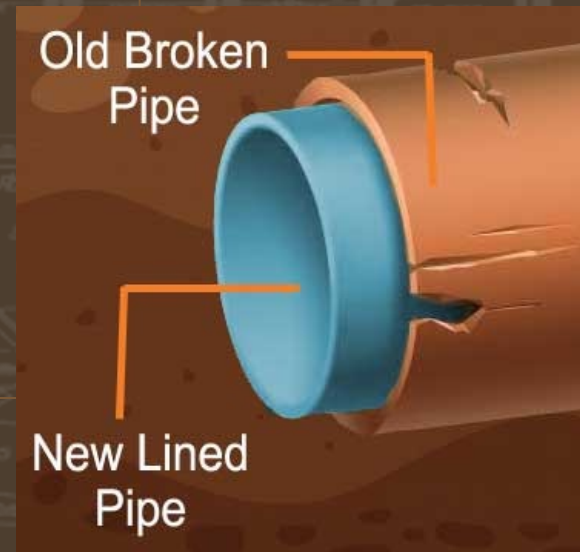
May 2024

June 2024

Bid Package	Location				
1	<u>CIPP-01</u> Trunkline Section 1 – Levin Dr. to Jerome Ln. & Mousette Ln.	Finalize Pre- Construction Documents, Contract, Schedule, etc.	Start Construction	Continue Construction	Continue Construction
2	<u>SSR-01 and 02</u> 327 N. 63rd St. 310 N. 73rd St.	Continue Construction	Complete Construction	Project Closeout	
3	<u>SSR-03 thru 11</u> Nine Sewer Repair Locations	Contract Awarded	Start Construction	Continue Construction	Construction Continues thru October 2024
4	<u>PSR-01 thru 16</u> Sixteen Pump Station Locations	Continue Design Plans, Specifications	Continue Design, Plans, Specifications, Apply for IEPA Permits	Continue Design, Plans, Specifications	Complete Design, Plans, Specifications, Advertise for Bids

Section 219 Environmental Infrastructure Assistance

- Jacob Conway – Project Manager



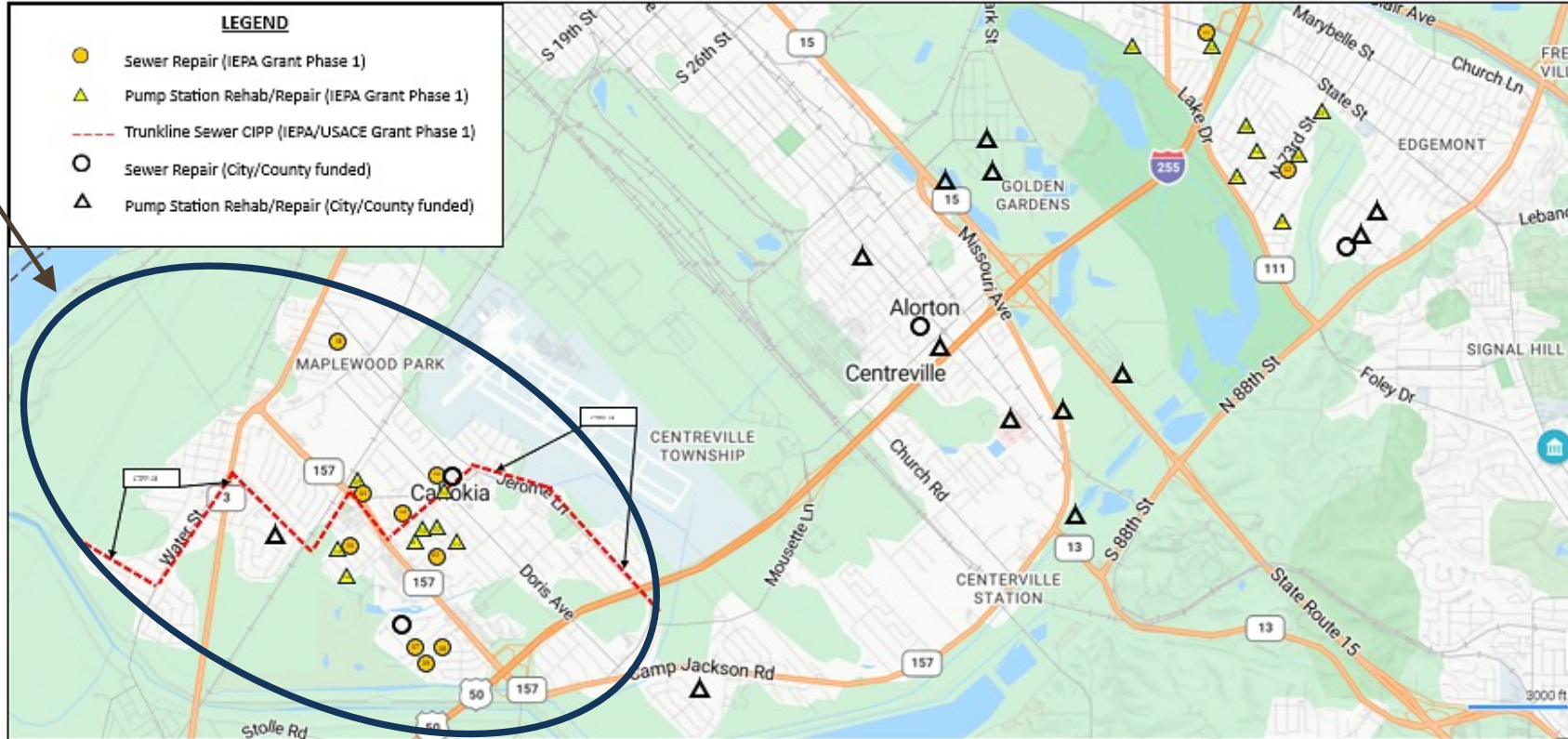
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CITY OF CAHOKIA HEIGHTS
IEPA GRANT - WASTEWATER COLLECTION AND TRANSPORT INFRASTRUCTURE
REPAIR AND REHABILITATION PROJECT LOCATIONS



USACE
PROJECT



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Project Scope and Status

PROJECT SCOPE

Sanitary Sewer Rehabilitation

- Approximately 3 miles of 9-mile-long trunk sewer system
- Using Cured-In-Place Pipe (CIPP) Lining.
 - *CIPP is a trenchless sewer rehabilitation method with no need to excavate and replace existing pipes.*
 - *This method eliminates defects in the sewer line such as cracks, offset joints, and structurally deficient segments.*

PROJECT SCHEDULE

Cahokia Heights – Report & Agreement

- ✓ Project Partnership Agreement 17
MAY 23
(PPA) Execution with City

Cahokia Heights – Contract & Construction

- ✓ AE Design Submittal AUG 2023
- ✓ Design Approval SEP 2023
- ✓ Contract Advertisement NOV 2023
- ✓ Bid Opening DEC 2023
- ✓ **Contract Award FEB 2024**
- Construction Start Date Spring 2024
- Construction Completion Spring 2025

PROJECT SPECIFICS

Budget

- FY23 Appropriation: \$3.5M Received (**Federal**)
- City's Cost Share: \$1.667M Received (**Non-Federal**)

Insituform Technologies USA, LLC.

- Projected Mobilization – April 2024
- Construction Complete – April 2025

What to Expect

- Minor impacts to traffic
- Faint odor
- Access through easements
 - Crew will be in High-Vis / Prior notice when necessary and able

Who Benefits?

- **Entire community**
 - This is the largest, deepest, and most downstream section of the sewer system.
- **Restoring Structural Stability = Long Term Reliability**
- **“LINING” the way for future projects**

For more information

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- Shawn Sullivan
- U.S. Army Corps of Engineers
- Strategic Planning Coordinator
- St. Louis District
- Mobile (Primary): 314-303-4778
- shawn.f.sullivan@usace.army.mil



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St. Louis District

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<https://www.mvs.usace.army.mil/Missions/Programs-Project-Management/Cahokia-Heights/>

The City of Cahokia Heights Water and Sewer

CAHOKIA HEIGHTS DEPARTMENT STAFF TRAINING AND
CERTIFICATIONS UPDATE

PRESENTED BY **SHARLIN PFEFFER**



THIRD TOWN HALL MEETING

QUESTIONS?

