



CITY OF

ST AUGUSTINETM
EST. 1565

CoSA City Commission

“Public Works & Utilities Update”

October 26, 2020

Todd J. Grant, P.G.

Reuben C. Franklin, Jr., P.E.

Director, Utilities

Director, Public Works





Public Works & Utilities Update Agenda

Key Updates

- 13 Lift Station Rebuilds (FEMA)
- Maria Sanchez Flood Mitigation Project (FEMA)
- West Augustine Sewer Improvements
- Lincolnville Drainage & Utility Improvements
- Major Projects in Design Phase
- Mobility Program

Overview

- CIP Overall Status Summary

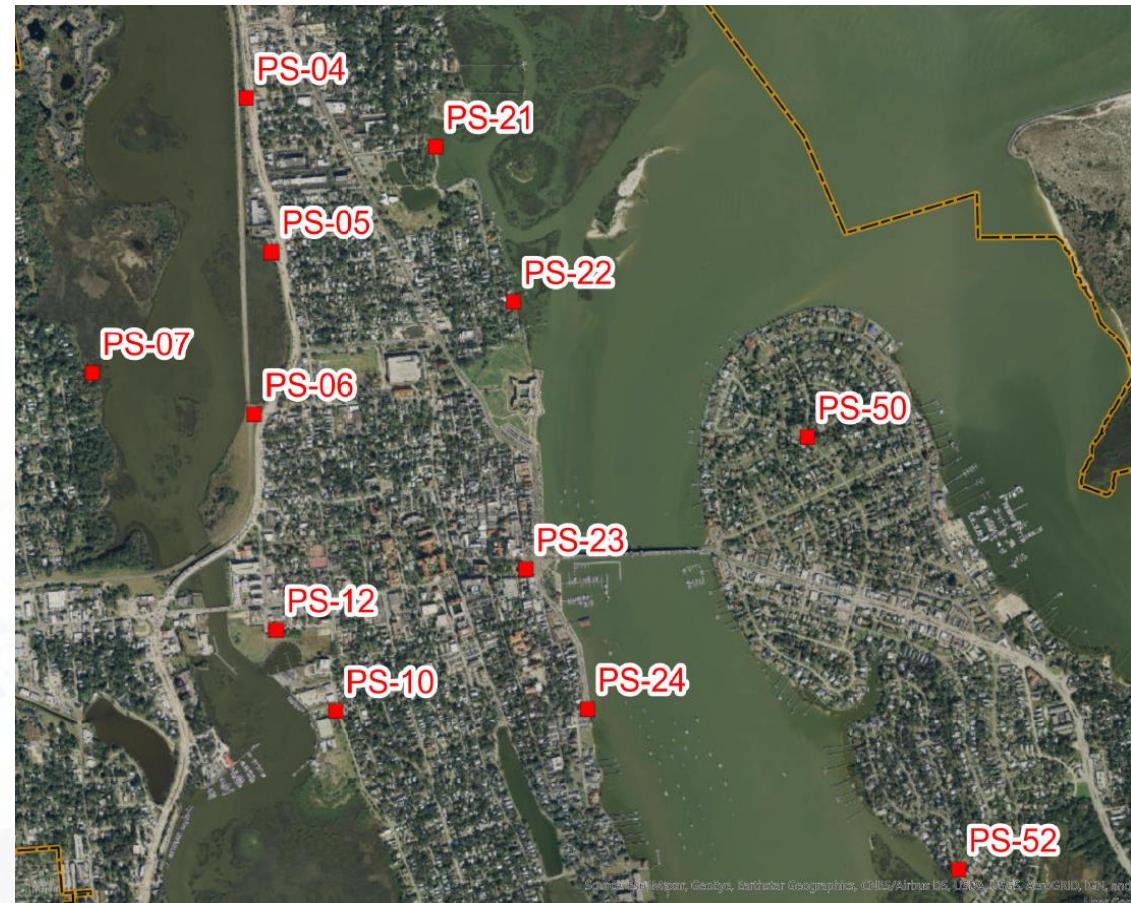


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FEMA 13 LIFT STATIONS REHABILITATION

- ❖ Bidding Complete
 - ❖ First 10 of 13 Stations
- ❖ Bid Evaluation Phase
- ❖ Pre-Bid Estimate: \$14.2 M
- ❖ Awaiting GMP from the CMAR
- ❖ List of 13 Lift Stations to be Rehabilitated or Replaced:
 - ❖ LS-4, 5, 6, 7, 10, 11, 12, 21, 22, 23, 24, 50, and 52
- ❖ Arricola Ave. Force Main





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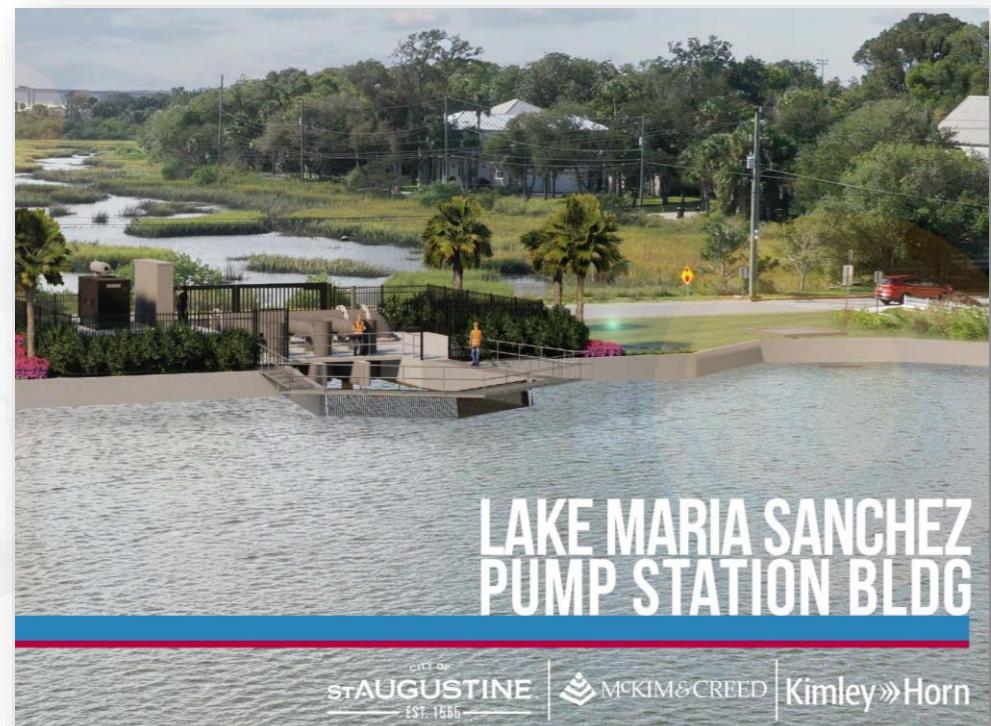
Maria Sanchez Flood Mitigation Project (FEMA)

Progress-to-date:

- ❖ Completed Basis of Design Report
 - ❖ 60% of Design submitted to Florida Division of Engineering Management (FDEM) for the FEMA Scope of Work
- ❖ Additional Design Underway to support the FEMA Approved Scope of Work
 - ❖ Utility Conflicts
 - ❖ Roadway and Streetscape
 - ❖ Environmental Mitigation
 - ❖ Landscape Architectural Renderings

Next Steps:

- ❖ Secure Easements
- ❖ Public Outreach, PZB
- ❖ Complete Supporting and Final Design (Fall 2021)





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Maria Sanchez Flood Mitigation Project (FEMA)

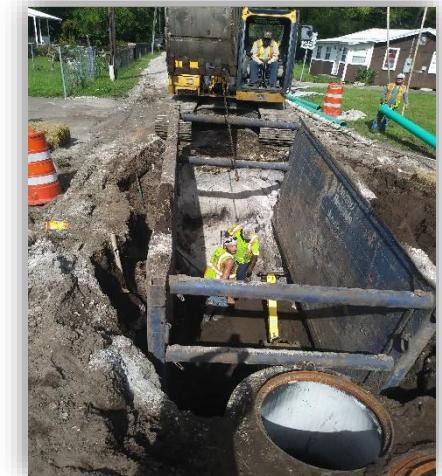




West Augustine Sewer Improvements

West 5th Street Sewer Extension, Phase 2 – In Progress:

- ❖ State Grant (FDEP) and City Funded; Install new gravity sewer on West 5th Street between Volusia and Duval Streets and connect area residents
- ❖ Abandon 13 existing septic systems and connect residents to new sewer system in Phase 2
- ❖ Construction of Phase 2 is on schedule; Estimated completion March, 2021



West 5th Street Sewer Extension, Phase 1 – Complete:

- ❖ State Grant (FDEP) Funded; Installed new gravity sewer on West 5th Street between Duval and Nassau Streets and connected area residents
- ❖ Installation of new gravity sewer mains, manholes, and services is complete
- ❖ Abandoned 12 existing septic systems and connected residents to new sewer system

Septic-to-Sewer Connections – In Progress:

- ❖ City Funded; Connect residents to existing gravity sewer systems
- ❖ To date, abandoned 57 existing septic systems and connected residents to existing sewer system
- ❖ Researching additional homes with existing gravity sewer available for connection program



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Lincolnville Drainage & Utility Improvements

- ❖ Project was grant funded through CDBG/FDEO, SJRWMD, & LCRA
- ❖ **Final road reconstruction is complete!**





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Major Projects in Design Phase

Design Milestones Achieved

- ❖ **Sevilla Street Brick Roadway & Utility Improvements**
 - Progressed to Final Design Phase
- ❖ **Lincolnville Drainage & Utility Project #3**
 - Progressed to Final Design Phase
- ❖ **Force Main Replacement LS-51 to LS-52**
 - Progressed to Final Design Phase
- ❖ **Downtown Improvement District – Phase 2**
 - Detailed Design



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Mobility Program: Activity Management

Mobility Program Activity Update - October 26, 2020

Progress to Date					
Level/Initiative	Deliverable/Activity	% Complete	Est. Finish	Notes	
Neighborhood					
North City Trail Concept Plan	Develop trail from the Fort to the Fullerwood Neighborhood	30%	Mar-21	Issued work order to begin the plan	
San Marco Bike Lanes	Install bike lanes, crosswalks & sidewalk between US1 & SR16	70%	Mar-21	Design is complete	
City					
Parking Code Update	Review and update parking code requirements	30%	1/31/2021	Delayed due to COVID-19	
Smart Parking System	Phase 2 Integrate Parking Garage with On/Off Street Parking	50%	TBD	Pilot project developed for the parking garage	
Commercial Delivery (CD)	Implement parking & truck delivery management system	50%	TBD	Approved by HARB; SJRWMD Permitting	
Bike Share Program	Develop a sponsored bike share program for the City	90%	Fall 2020	Bikes have arrived and preparing for launch	
City Marina Crosswalk	Design and bid crosswalk at City Marina	100%	-	Bids came in over budget	
Local (SJC, CoSAB, TPO, etc.)					
EV Charging Stations	Working with FPL to select more locations	-	-		
Anastasia Blvd Study	Develop Complete Street options for the corridor from Red Cox to BoL	10%	6/1/2021	Collecting corridor data	

Legend

	on target		at risk		corrective action required
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Mobility Program: Activity Management (continued)

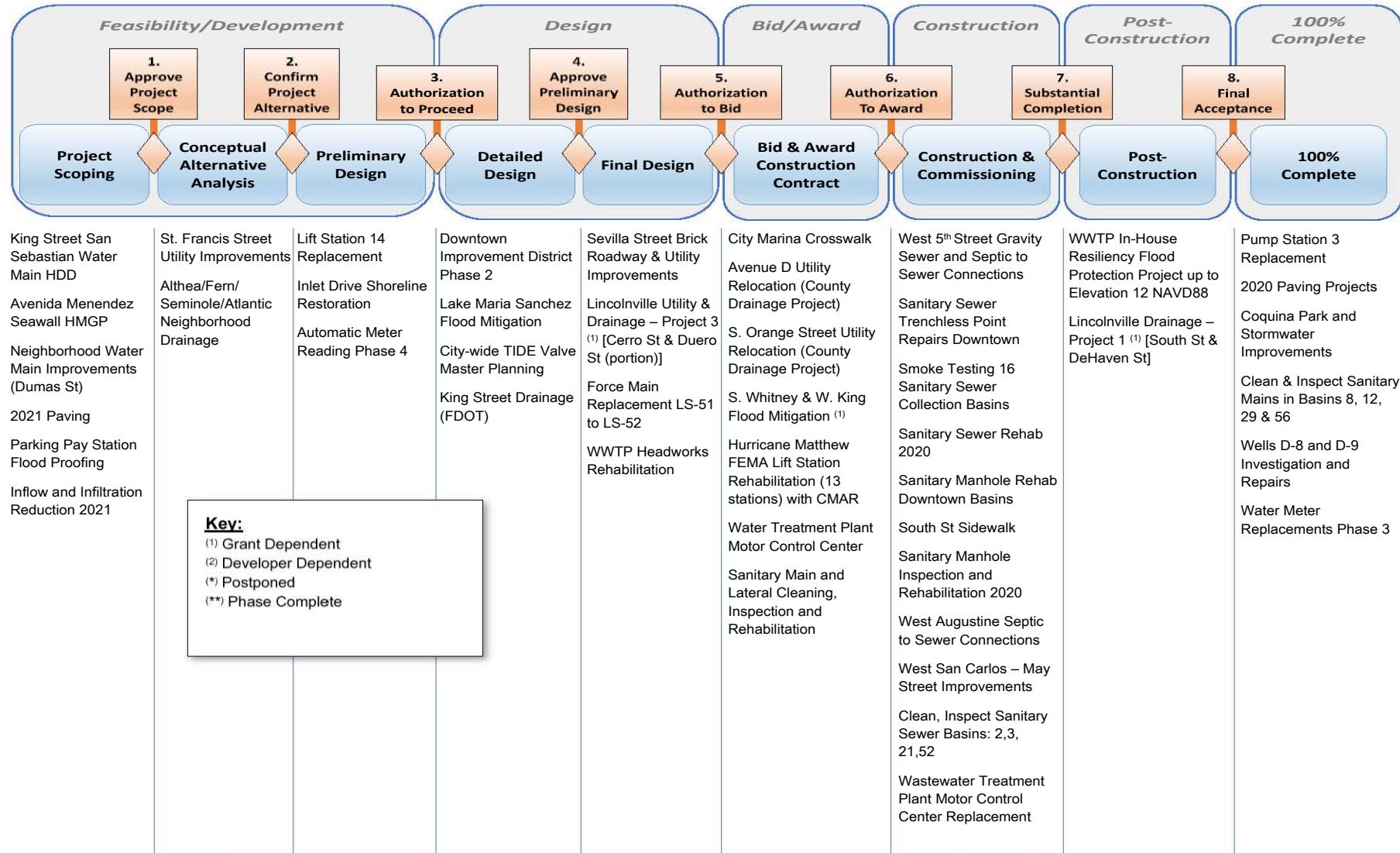
Progress to Date							
Level/Initiative	Deliverable/Activity	% Complete	Est. Finish	Notes			
State (FDOT, SJRWMD, DEP)							
San Marco Ave & May Street	Intersection and drainage improvements	95%	TBD	Intersection is being modified to improve turning radii			
Red Cox Rd/Anastasia Blvd	Intersection improvements	30%	-	Data Collection Complete, FDOT working on concept			
Zorayda/A1A Ped Crossing	Design	90%	TBD	Easement approved; ready to construct			
San Marco Ave Shared Path	Design and construct shared path between Pine and Ocean Ave	60%	TBD	Need decision on palm tree removal			
Federal							
Major Accomplishments (since January 27, 2020)		Upcoming Activities					
→ Approved Easement for Crosswalk		→ Bikeshare Launch					
→		→					
→		→					
Challenges, Risks & Issues							
<input type="checkbox"/> Land Acquisition for Park and Ride Program							
Key Decisions							
Decisions Required:							
• Due to COVID-19 will the shuttling operation continue for Nights of Lights?							

Legend

	on target		at risk		corrective action required
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CIP Overall Status Summary

Design-Bid-Build Active Projects – through October 26, 2020





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Additional Questions and Commission Discussion