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EST. 1565

CoSA City Commission

“Public Works & Utilities Update”

April 26, 2021

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)
- Resilience Program Updates
- Environmental Programs Update
- Development Updates
- West Augustine Sewer Improvements
- Mobility Program

Overview

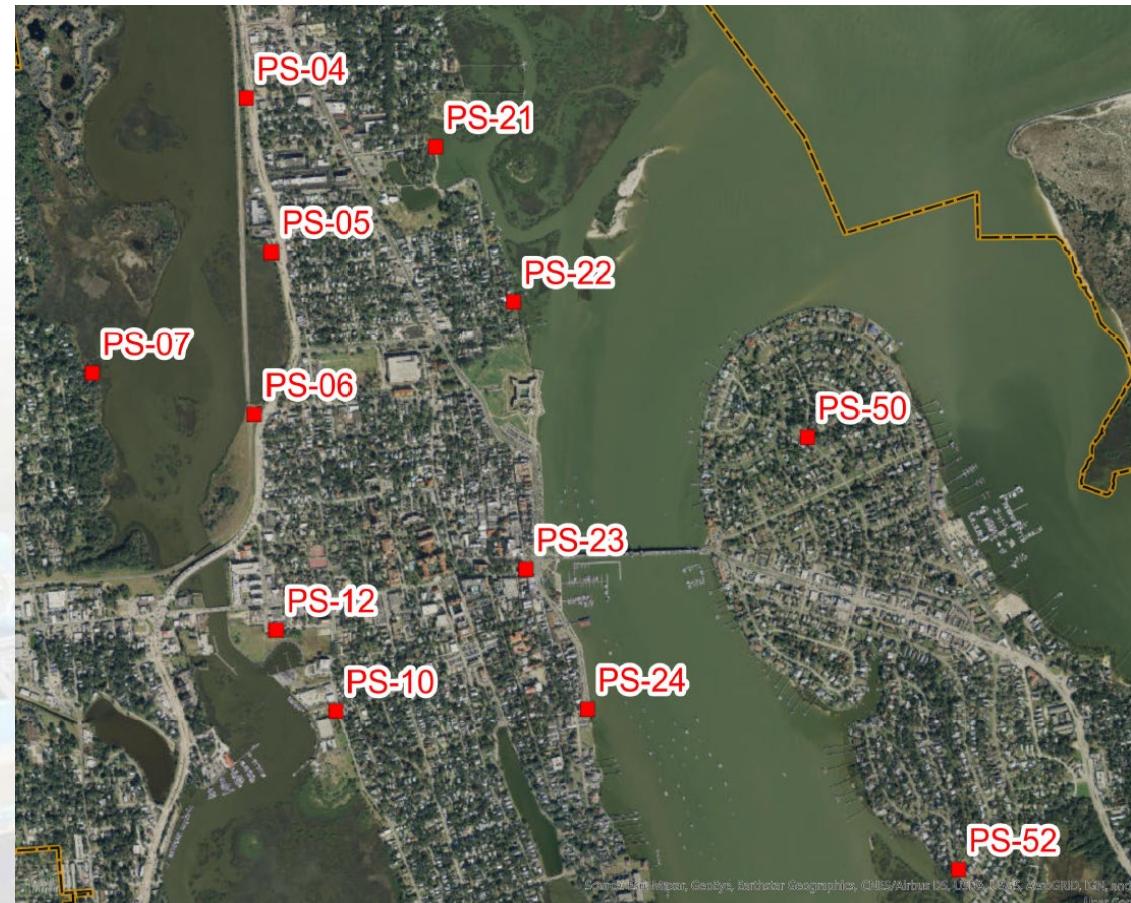
- CIP Overall Status Summary



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FEMA 13 LIFT STATIONS REHABILITATION

- ❖ Start Construction Phase
 - ❖ January 2021
- ❖ Construction Cost \$13.8M
- ❖ Est. Finish Construction
 - ❖ February 2023
- ❖ 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
 - ❖ April – August 2021

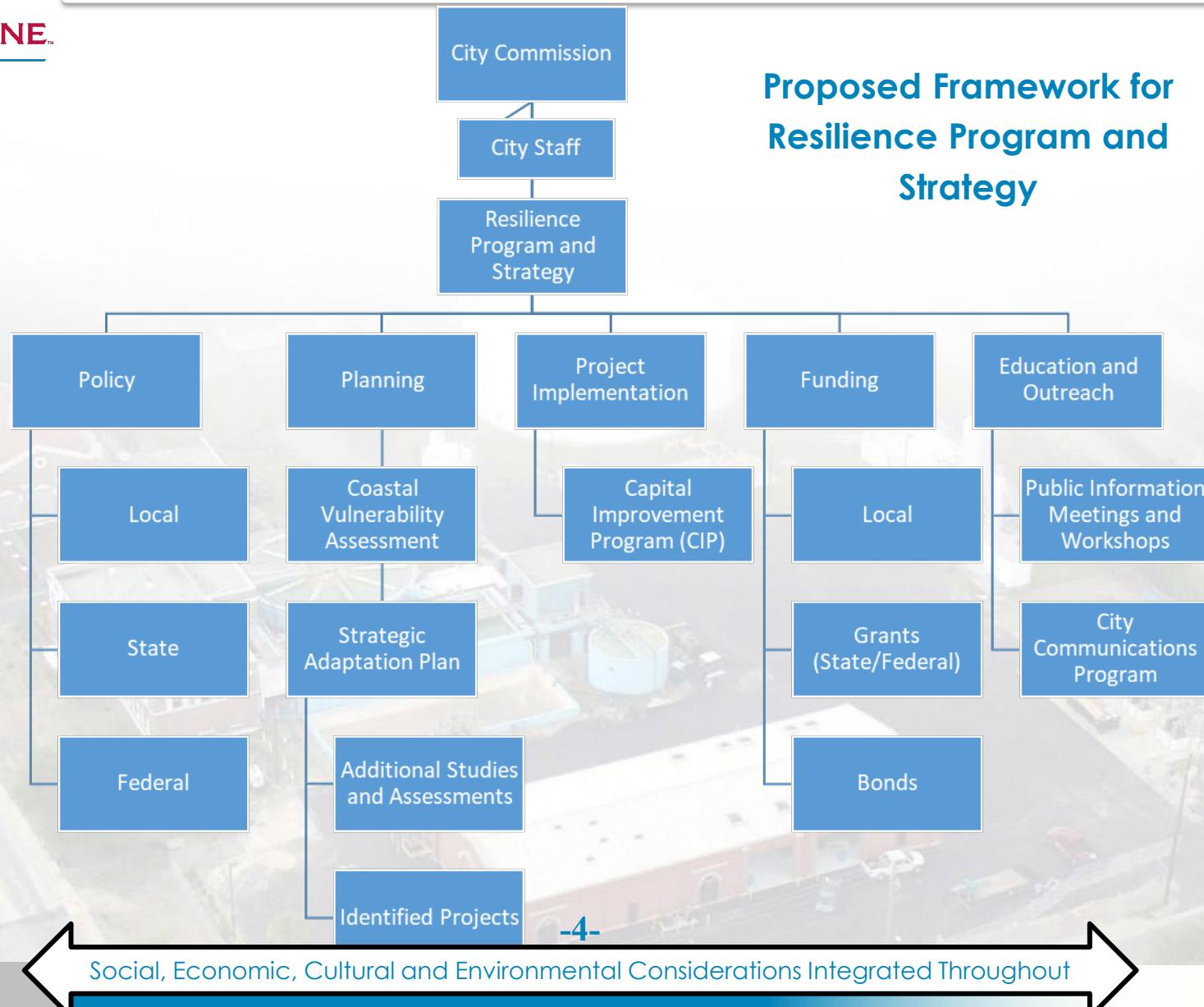




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Resilience Program Updates





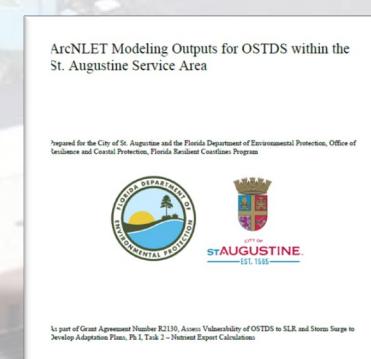
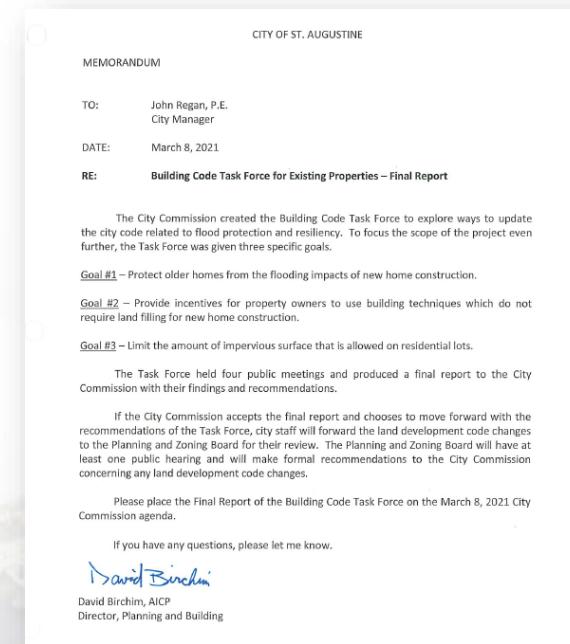
Resilience Program Updates

❖ Policy

- ✓ Building Code Task Force Recommendations went to Commission, approval to proceed to Planning and Zoning Board
- ✓ Monitoring State legislative session related to Resiliency bills

❖ Planning

- ✓ UF Septic Tank Sea Level Rise Study initial results
- ✓ Draft report for the South Davis Shores Resiliency Master Plan





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Resilience Program Updates

❖ Project Implementation

- ✓ FEMA 13 Lift Stations Rehabilitation - under construction (www.CityStAug.com/FEMA13)
- ✓ Lake Maria Sanchez Flood Mitigation and Drainage Improvement Project (HMPG)– proceeding with design (www.CityStAug.com/LakeMariaSanchez)
- ✓ Avenida Menendez Flood Barrier (HMGP) – Phase 1 – contract awarded, design begun
- ✓ South Whitney – West King Street Flood Mitigation – submitted to FDEM, awaiting FEMA review and approval for construction





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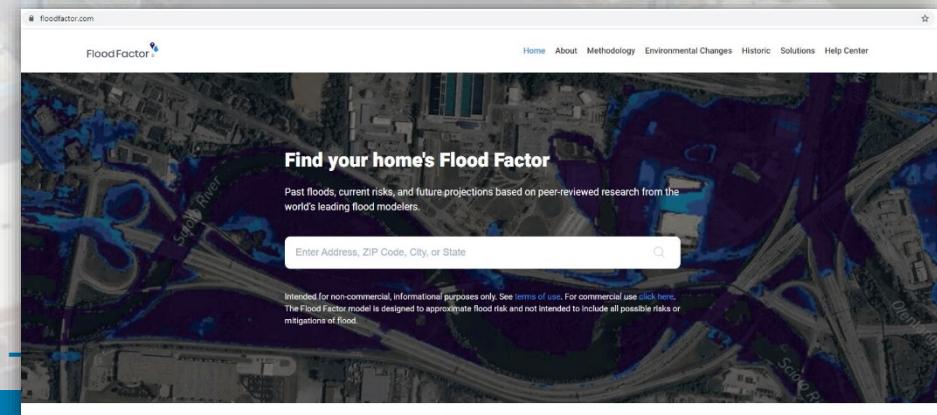
Resilience Program Updates

❖ Funding

- ✓ Monitoring State and Federal legislation, future grant opportunities

❖ Education and Outreach

- ✓ Fullerwood Neighborhood Association – January 28, 2021
- ✓ Lincolnville Neighborhood Association – February 25, 2021
- ✓ Old City South Neighborhood Association – March 18, 2021
- ✓ Multiple individual flood mitigation site visits completed by City Staff





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Environmental Programs

- ❖ Fats, Oils & Grease Program Inspections
 - ❖ 76 routine inspections
 - ❖ 34 follow-up inspections

- ❖ Sustainability
 - ❖ 6 Internal sustainability committee meetings
 - ❖ Tree canopy program development
 - ❖ 2020 water audit





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Development Updates

STATISTICS FOR QUARTER

PRIVATE DEVELOPMENT PROJECTS

- ❖ Projects In Active Construction: 23
- ❖ Current Projects In Review Process: 9
- ❖ Submittal Packages Received: 8
- ❖ Development Permits Issued: 4
- ❖ Projects Closed Out: 3

RIGHT-OF-WAY PERMITS ISSUED

- ❖ General: 83
- ❖ Franchise Utilities: 31





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West Augustine Sewer Improvements

West Augustine Sewer Master Plan, Scope Development with Consultant:

- ❖ Create an overall sewer plan to serve the greater West Augustine area.

West 3rd Street Sewer Extension, Identified for State Funding:

- ❖ Expected to Eliminate 20 Residential Septic Tanks and connect area residents to sewer on West 3rd Street between Volusia and Duval Streets



West 5th Street Sewer Extension, Complete:

- ❖ State Grant (FDEP) and City Funded; Installed new gravity sewer on West 5th Street between Volusia and Nassau Streets and connected area residents
- ❖ Installation of new gravity sewer mains, manholes, and services is complete
- ❖ Abandoned 25 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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Mobility Program: Activity Management

Mobility Program Activity Update - April 26, 2021

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	95%	4/30/2021	Nelmar neighborhood meeting 4/18/21
San Marco Bike Lanes	Install bike lanes, crosswalks & sidewalk between US1 & SR16	75%	6/30/2021	Need to request quote from contractor
City				
Parking Code Update	Review and update parking code requirements	30%	TBD	Delayed due to COVID-19, Fall 2021 with PZB
Smart Parking System	Phase 2 Integrate Parking Garage with On/Off Street Parking	60%	TBD	Sign code needs to be updated, Parking Logix deployed in the 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%	Spring 2021	Bikes have arrived and preparing for launch
May St/San Marco Landscape	Design and install landscaping at the new intersection	90%	6/30/2021	Working on MOT with FDOT
Broudy Multi-Modal Project	Develop public parking as part of a multi modal development	0%	TBD	Need to identify procurement method
King St Master Plan	Determine whether City should request ownership transfer from FDOT	50%	5/31/2021	Present details of the proposed deal to the City Commission
Granada/Cordova St Repaving	Add bike lane to Granada St and Sharrows to Cordova St	0%	6/30/2021	
Local (SJC, CoSAB, TPO, etc.)				
EV Charging Stations	Working with FPL and TPO to select more locations	-	-	Parking Garage and Toques Lot are new sites
Anastasia Blvd Study	Develop Complete Street options for the corridor from Red Cox to BoL	60%	6/1/2021	Collecting corridor data completed

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	100%	-	Complete
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 2021)	Upcoming Activities
→ San Marco Ave & May Street Completion	→ Bikeshare Launch
→	→ Anastasia Blvd Study Results
→	→ King St Ownership Presentation

Challenges, Risks & Issues

- Land Acquisition for Park and Ride Program

Key Decisions

Decisions Required:

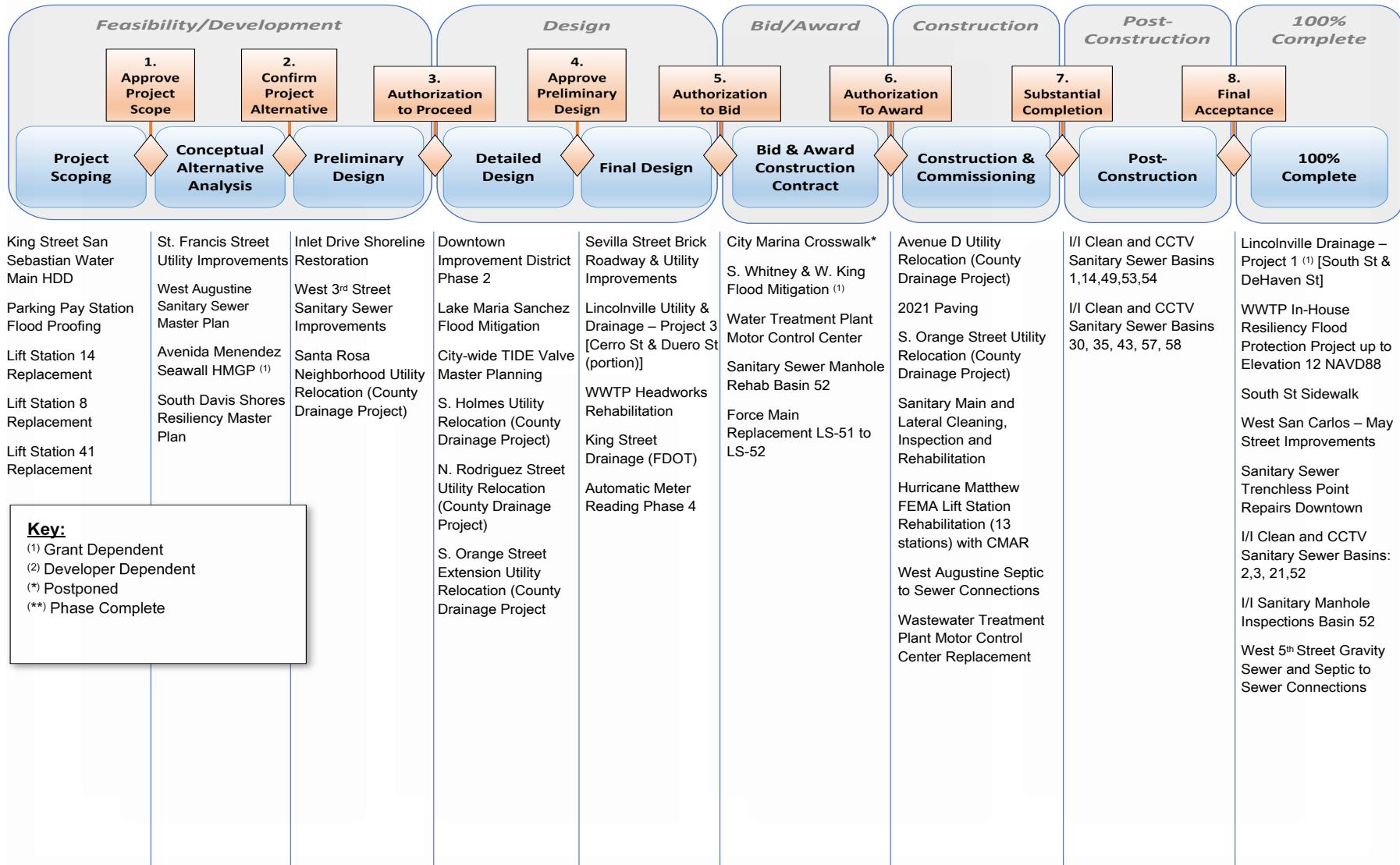
- King St Ownership and Broudy Site Project Procurement

Legend

	on target		at risk		corrective action required
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CIP Overall Status Summary

Design-Bid-Build Active Projects – through April 26, 2021





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Additional Questions and Commission Discussion