



CITY OF  
**ST AUGUSTINE**  
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# CoSA City Commission

## “Public Works & Utilities Update”

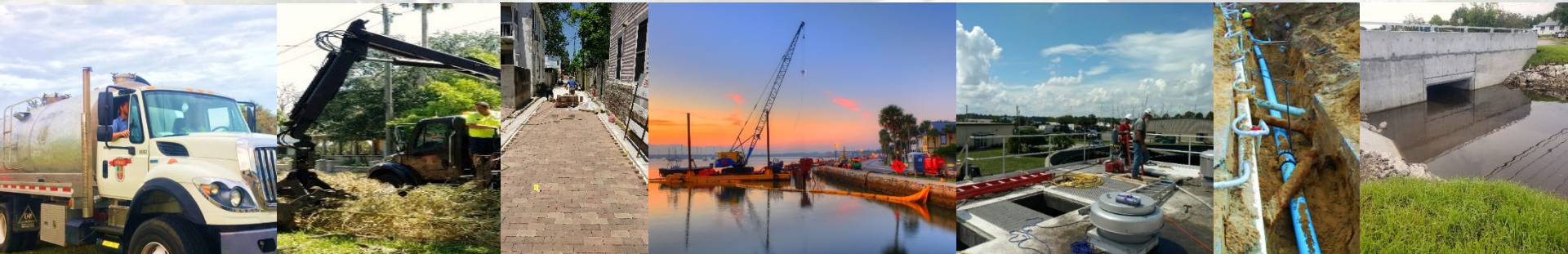
April 26, 2021

Todd J. Grant, P.G.

Director, Utilities

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

Director, Public Works





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# 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

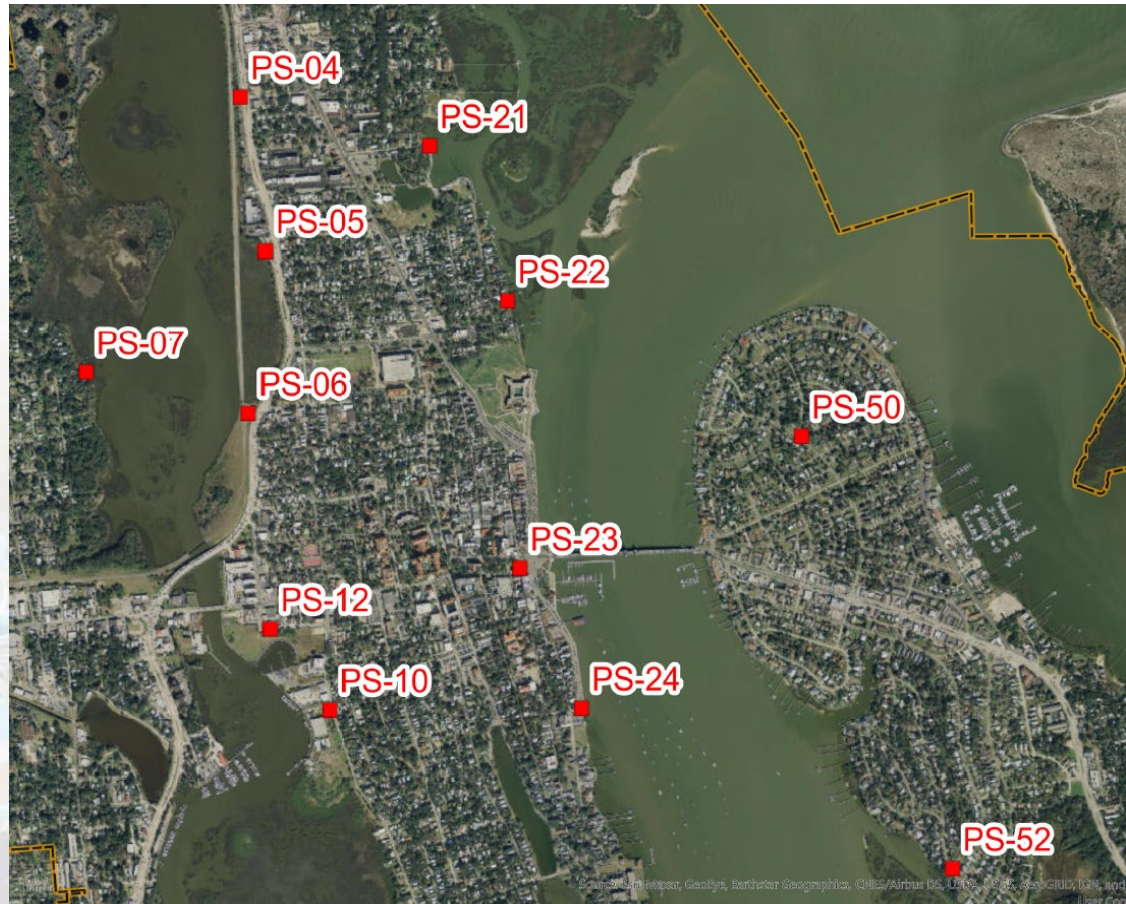


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# FEMA 13 LIFT STATIONS REHABILITATION

- ❖ 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



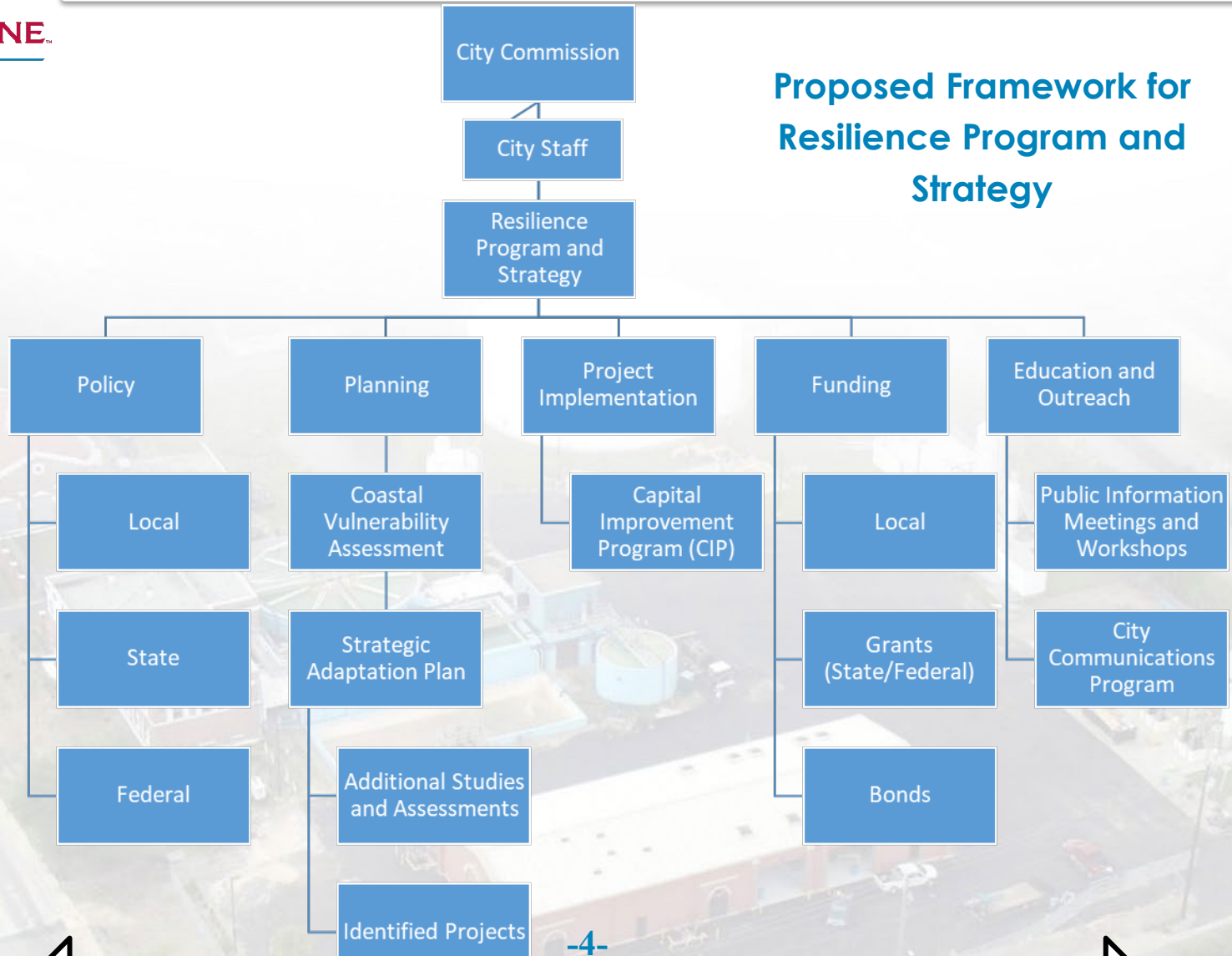




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# Resilience Program Updates

## Proposed Framework for Resilience Program and Strategy





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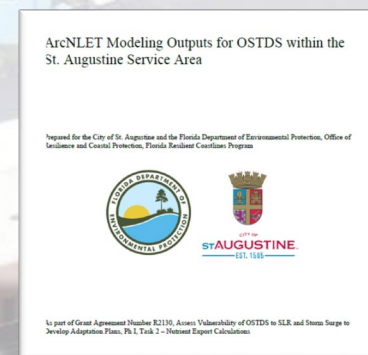
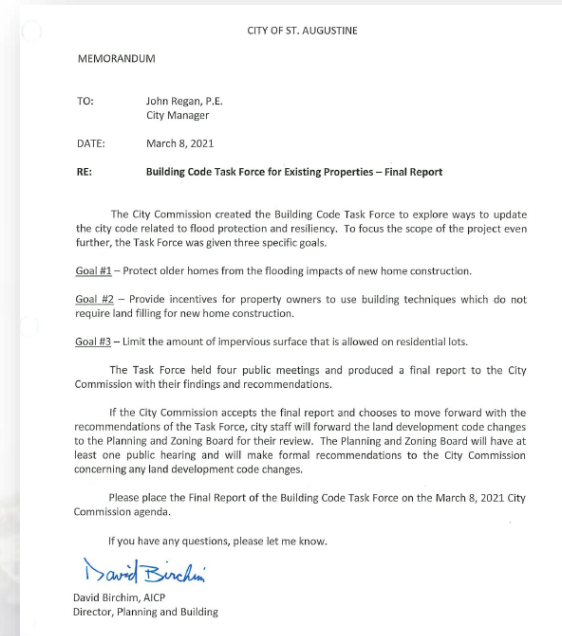
# Resilience Program Updates

## ❖ 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](http://www.CityStAug.com/FEMA13))
- ✓ Lake Maria Sanchez Flood Mitigation and Drainage Improvement Project (HMPG)– proceeding with design  
([www.CityStAug.com/LakeMariaSanchez](http://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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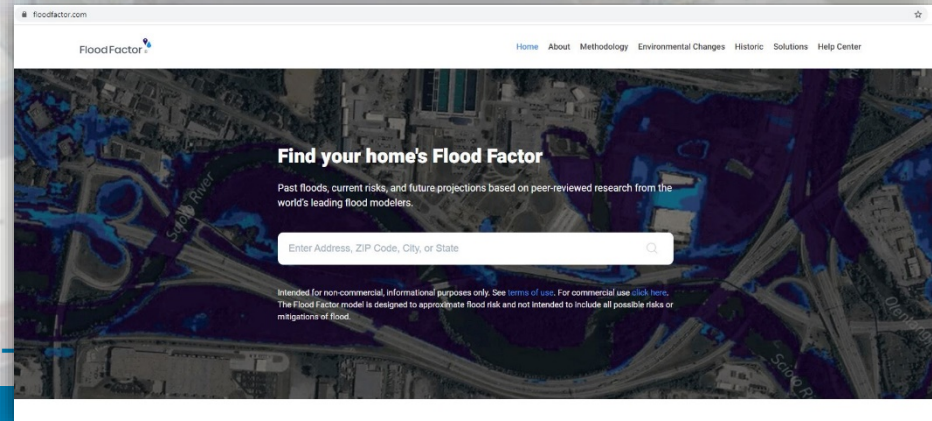
# Resilience Program Updates

## ❖ 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

- ❖ Recycle collection event Jan 2021
- ❖ Storm drain marking event March 2021







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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 3<sup>rd</sup> Street Sewer Extension, Identified for State Funding:

- ❖ Expected to Eliminate 20 Residential Septic Tanks and connect area residents to sewer on West 3<sup>rd</sup> 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



# Mobility Program: Activity Management

## Mobility Program Activity Update - April 26, 2021

Progress to Date				
Level/Initiative	Deliverable/Activity	% Complete	Est. Finish	Notes
<b>Neighborhood</b>				
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
<b>City</b>				
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	
<b>Local (SJC, CoSAB, TPO, etc.)</b>				
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)

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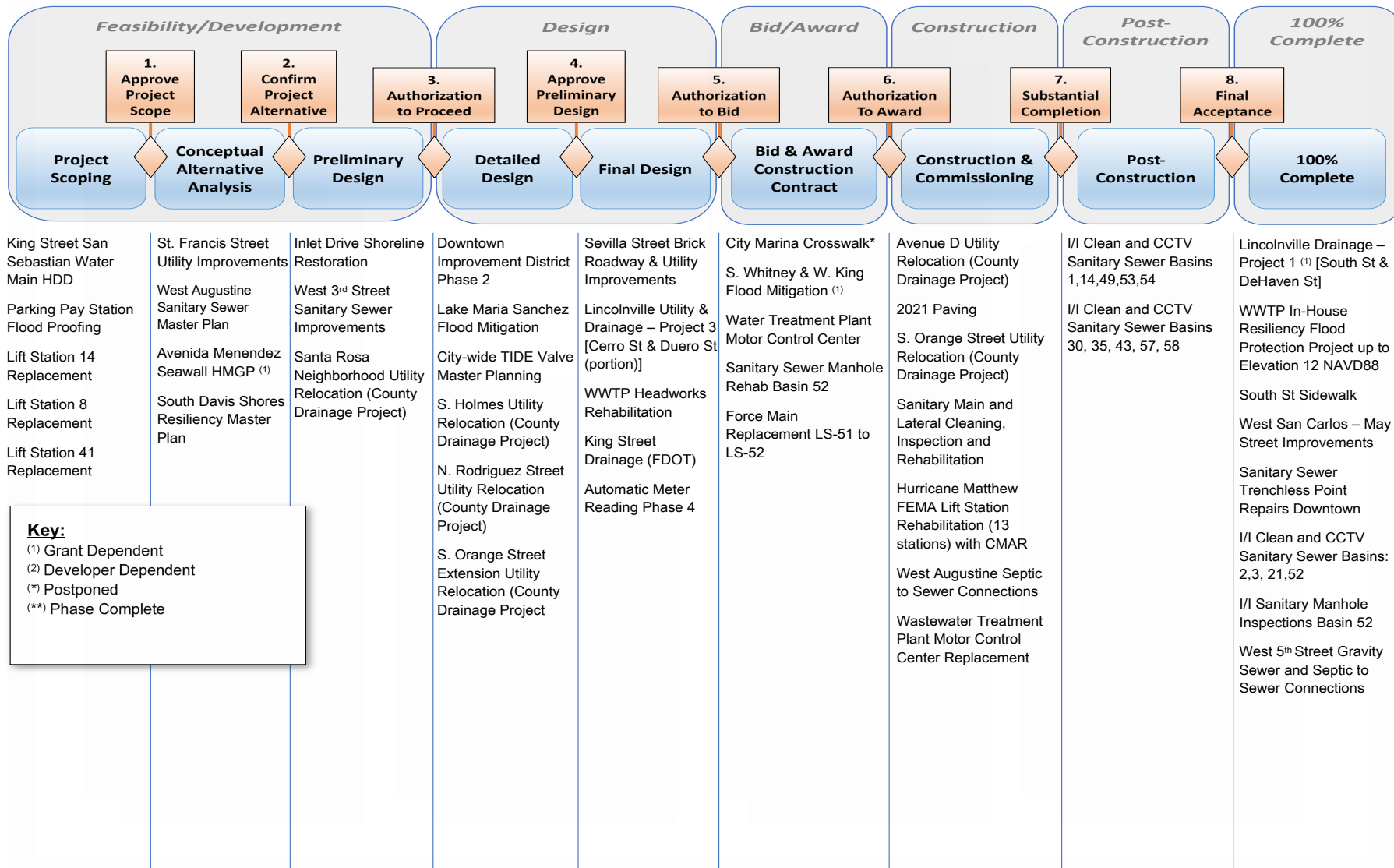
Progress to Date				
Level/Initiative	Deliverable/Activity	% Complete	Est. Finish	Notes
State (FDOT, SJRWMD, DEP)				
San Marco Ave & May Street	Intersection and drainage improvements	100%	-	Complete
Red Cox Rd/Anastasia Blvd	Intersection improvements	30%	-	Data Collection Complete, FDOT working on concept
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				
<div>❑ Land Acquisition for Park and Ride Program</div>				
Key Decisions				
Decisions Required: <div>● King St Ownership and Broudy Site Project Procurement</div>				

## 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