



CITY OF
ST AUGUSTINE
EST. 1565

CoSA City Commission

“Public Works & Utilities Update”

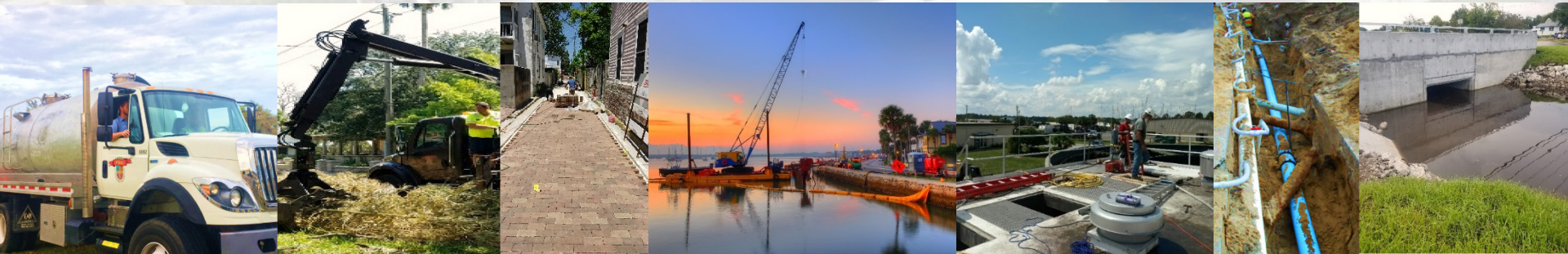
August 10, 2020

Todd J. Grant, P.G.

Director, Utilities

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

Director, Public Works





Public Works & Utilities Update Agenda

Key Updates

- Paving Program
- West Augustine Sewer Improvements
- Lincolnville Drainage & Utility Improvements
- Major Projects in Design Phase
- Mobility Program

Overview

- CIP Overall Status Summary

Paving Program

Streets Paved Since Last Update Report:

<u>Road Name</u>	<u>From</u>	<u>To</u>
Anderson St	South Dixie	US1
Arenta St	West King	Clark St
Avery St	N Whitney	Nesmith
Aviles Dr	South Dixie	US1
Clark St	Daniels	Arenta-US1
Dallyon Ave	Minorca	Montrano
Davis St	West King	South Dixie
Lewis Blvd	Davis	US1
Mackey Ln	West King	Pellicer
Marion St	South Dixie	US1
Minorca Ave	Arredondo	Miruela
Montrano Ave	Arredondo	Miruela
Palmer St	Evergreen	Ravenswood
Pellicer Ln	West King	South Dixie
River Rd	South Dixie	US1
South Leonardi	West King	Pellicer

Plus – Paving In Progress with Lincolnville Drainage & Utility Project:

<u>Road Name</u>	<u>From</u>	<u>To</u>
Blanco St	Cerro St	South St
Cerro St	Riberia St	Oneida St
DeSoto Pl	Granada St	ML King Ave
Duero St	ML King Ave	Riberia St
Duero St	Oneida St	ML King Ave
ML King Ave	DeHaven St	Cerro St
Moore St	Riberia St	ML King Ave
Sanford St	Bridge St	Cedar St
School St	Pomar St	Kings Ferry Way
South St	Riberia St	ML King Ave
Twine St	Lovett St	Cerro St



West Augustine Sewer Improvements

West 5th Street Sewer Extension, Phase 1 – In Progress:

- ❖ State Grant (FDEP) Funded; Install new gravity sewer on West 5th Street between Duval and Nassau Streets and connect area residents
- ❖ Abandon 12 existing septic systems and connect residents to new sewer system in Phase 1
- ❖ Construction of Phase 1 is on schedule; Estimated completion October, 2020
- ❖ Installation of new gravity sewer mains, manholes, and services is complete
- ❖ 580 LF new sewer main, 3 manholes, and 16 services installed to existing homes and vacant lots
- ❖ Currently awaiting FDEP clearance to connect residents to the new sewer

West 2nd Street Sewer Extension, Complete:

- ❖ State Grant (FDEP) Funded; Installed new gravity sewer on West 2nd Street between Duval and S. Volusia Street and connected area residents
- ❖ Completed installation of new gravity sewer mains, manholes, and services
- ❖ 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 is grant funded through CDBG/FDEO, SJRWMD, & LCRA
- ❖ Stormwater drainage infrastructure has been installed
- ❖ Water Main upgrades are complete
- ❖ Sanitary Sewer laterals have been replaced
- ❖ **Final road reconstruction is underway**
- ❖ Milling and resurfacing of approximately 1.4 miles of additional roads in Lincolnville will also be completed with project
- ❖ Estimated completion date is end of August 2020





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EST. 1565

Major Projects in Design Phase

Design Milestones Achieved

- ❖ **Sevilla Street Brick Roadway & Utility Improvements**
 - Progressed to Final Design Phase
- ❖ **Lincolnvile 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**
 - Received HARB Certificate of Appropriateness



Mobility Program: Activity Management

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	0%	Mar-21	Issued work order to begin the plan
San Marco Bike Lanes	Install bike lanes, crosswalks & sidewalk between US1 & SR16	0%	Mar-21	Design is complete
City				
King St Complete St MP	Complete Street Master Plan for King St Corridor	100%	-	Next task is to develop economic/financial report
Mobility Plan	Develop statutorily compliant mobility plan for Comp Plan	100%	-	Adopted at last commission meeting
Parking Code Update	Review and update parking code requirements	20%	9/31/2020	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	40%	TBD	Approved by HARB; SJRWMD Permitting
Bike Share Program	Develop a sponsored bike share program for the City	70%	Fall 2020	
City Marina Crosswalk	Design and bid crosswalk at City Marina	95%	11/20/2020	Preparing bid documents
Local (SJC, CoSAB, TPO, etc.)				
EV Charging Stations	Install EV charging stations at Malaga, city hall parking, etc..	100%	-	Davenport Park station installed
Anastasia Blvd Study	Develop Complete Street options for the corridor from Red Cox to BoL	0%	6/1/2021	Developing Scope of Work with NFTPO

Legend

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

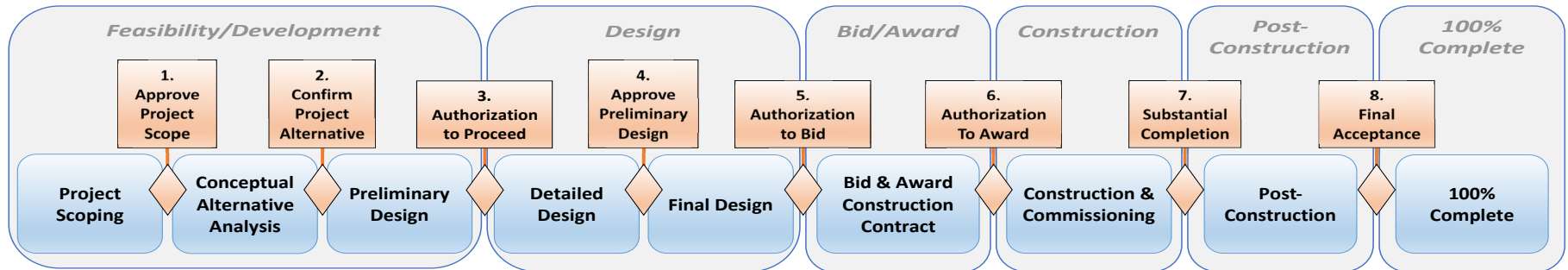
Progress to Date				
Level/Initiative	Deliverable/Activity	% Complete	Est. Finish	Notes
State (FDOT, SJRWMD, DEP)				
San Marco Ave & May Street	Intersection and drainage improvements	95%	TBD	Intersection is being modified to improve turning radii
US 1 SW (Fairbanks-Big Oak)	Design/construct sidewalk along US 1	100%	-	Under construction, design is complete
US 1 Rehab Design	Traffic and pavement improvements from SR207 to North City Gates	100%	-	Design is complete
Red Cox Rd/Anastasia Blvd	Intersection improvements	30%	-	Data Collection Complete, FDOT working on concept
Zorayda/A1A Ped Crossing	Design	90%	TBD	Easement required; delayed; waiting on FDOT response
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		
→ King St Complete St Master Plan		→ Marina Crosswalk Construction		
→ Mobility Plan Adoption		→ Anastasia Blvd Complete Street Study		
→ EV Charging Stations		→ Shuttling?		
Challenges, Risks & Issues				
<div>□ Land Acquisition for Park and Ride Program</div>				
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 August 10, 2020



Pearl Street Force Main Improvements

King Street San Sebastian Water Main HDD

Flood Mitigation at Avenida Menendez Seawall; Bayfront Connectivity ⁽¹⁾

St. Francis Street Utility Improvements

Althea/Fern/ Seminole/Atlantic Neighborhood Drainage

Fish Island Management Plan

Lift Station 14 Replacement
Inlet Drive Shoreline Restoration
Court Theophelia Neighborhood Drainage ^(*)

Downtown Improvement District Phase 2

Lake Maria Sanchez Flood Mitigation
City-wide TIDE Valve Master Planning

Sevilla Street Brick Roadway & Utility Improvements

Lincolville Utility & Drainage – Project 3 ⁽¹⁾ [Cerro St & Duero St (portion)]

Force Main Replacement LS-51 to LS-52

WWTP Headworks Rehabilitation

Hurricane Matthew FEMA Lift Station Rehabilitation (13 stations) and CMAR Pre-Construction Services

Water Treatment Plant Motor Control Center

City Marina Crosswalk

Avenue D Utility Relocation (County Drainage Project)

S. Orange Street Utility Relocation (County Drainage Project)

S. Whitney & W. King Flood Mitigation ⁽¹⁾

Smoke Testing 16 Sanitary Sewer Collection Basins

Sanitary Sewer Rehab 2020

Sanitary Manhole Inspection and Rehabilitation

Sanitary Main and Lateral Cleaning, Inspection and Rehabilitation

Wastewater Treatment Plant Motor Control Center Replacement

West 5th Street Gravity Sewer and Septic to Sewer Connections

WWTP In-House Resiliency Flood Protection Project up to Elevation 12 NAVD88

Sanitary Sewer Trenchless Point Repairs Downtown Basins

Sanitary Manhole Rehab Downtown Basins

Lincolville Drainage – Project 1 ⁽¹⁾ [South St & DeHaven St]

West Augustine Septic to Sewer Connections

Water Meter Replacements Phase 3

West San Carlos – May Street Improvements

Pump Station 3 Replacement

2020 Paving Projects

Coquina Park and Stormwater Improvements

Clean & Inspect Sanitary Mains in Basins 2, 3, 8, 12, 21, 29 & 56

Wells D-8 and D-9 Investigation and Repairs

Charlotte St. Roadway & Utility Improvements

North City Water Main Improvements

Ravenswood Drive Drainage Utility Relocation

West 2nd Street Gravity Sewer and Septic to Sewer Connections

Davis Shores Tide Backflow Valves

FDEP Florida Resilient Coastlines Program Grant for 10 Additional Tide Backflow Valves

Smoke Testing, Cleanout Repairs, and Manhole Inflow Dish Installation in Multiple Basins

Clean and CIPP Sanitary Mains in Basins 2 & 24

Key:

⁽¹⁾ Grant Dependent

⁽²⁾ Developer Dependent

^(*) Postponed

^(**) Phase Complete



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Additional Questions and Commission Discussion