



ST. JOHNS COUNTY
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
2740 Industry Center Road
St. Augustine, Florida 32084

Project Updates Through May 3, 2017

Capacity Projects

CR 210 widening from Greenbriar to Cimarrone (Non-bond)

Phase Status: Design 13%

Current Phase Funded: Design, Permitting

Consultant: Arcadis

Project Manager: Nick Perpich

Project Scope: Four-laning of CR 210 from Cimarrone Blvd. to Greenbriar Rd. a distance of approximately 2.3 miles. The roadway will be rebuilt and widened as a typical 4-lane rural with a minimum of 150 feet of right-of-way with intersection improvements at Greenbriar Road. The project is part of the Ashford Mills DRI proportionate share contribution.

Project Status: Design is underway including Survey and Geotechnical. 30% plans are due in late May 2017 and 60% plans are due in September 2017.

CR 2209 & CR 210 Improvements (Non-bond)

Phase Status: Design 90%

Current Phase Funded: Design

Consultant: CH2MHill

Project Manager: Donnie Tackett

Project Scope: The improvements include the closure of the median open at Johns Creek Shopping Center (Publix) on CR 210. The existing westbound left turn lane would require lengthening. Modification to the striping that currently exist along the second westbound and eastbound turn lanes. Modification to the existing signal as needed to accommodate geometry changes.

Project Status: Bid opening is scheduled for May 3, 2017 at 2:00 PM.

Capacity Projects

Longleaf Pine Pkwy 4-Laning: Roberts Road to Oxford Estates (Non-bond)

Current Phase Funded: Design, Construction

Consultant: England Thims & Miller

Project Manager: Donnie Tackett

Project Scope: This project will four lane County Road 244, Longleaf Pine Parkway from Roberts Road to Oxford Estates main entrance, a distance of 0.5 miles. The current road is two laned but set up for 4 laning including the right of way. The additional two lanes would be the new southbound lanes. Improvements at Oxford Estates Way may include turns lanes to accomodate the four laning. The new roadway would include two travel lanes, paved shoulder and curb and gutter drainage. The sidewalk for the two new lanes has already been constructed. Stormwater drainage will need to be investigated to try to use existing ponds, if available, or acquire a new pond. Intersection improvements at Longleaf Pine Parkway and Roberts Road may be required to maintain the 4 through lanes.

Project Status: Project on hold at this time.

Pacetti Road Improvement Study (Non-bond)

Current Phase Funded: Study

Project Manager: Donnie Tackett

Project Scope: This project will provide a study and preliminary geometric design for Pacetti Road from County Road 208 to State Road 16 for approximately 4.3 miles. The study will examine the existing alignment and recommended alternatives for capacity improvements with consideration of existing and proposed developments. It will also provide pond siting locations, pedestrian and alternative transporation facilities and signal warrants as necessary.

Project Status: Project on hold at this time.

Capacity Projects

Racetrack Road Improvements (Non-bond)

Current Phase Funded: Design, Land Acquisition, Construction

Consultant: England Thims and Miller

Project Manager: Douglas Tarbox

Project Scope: The project consists of the design for the reconstruction of Race Track Road as a four lane roadway between the existing four lane section at Julington Creek Plantation boundary to the 9B Connector Road. This project will include the reconstruction of the traffic signal at the County Road 2209 intersection. The segment between CR 2209 and the 9B Connector Road should be designed as a six lane section with the anticipation of constructing four lanes in phase 1. The right-of-way has been donated by the Bartram Park DRI. Funding for this section of Race Track Road is coming from multiple developers.

Project Status: Section 1, substantially complete, the contractor is completing punch list items.

Section 2, clearing is nearly complete and they have started pipe work. Pipe for utility relocates is being delivered and storm drain is being installed now. Petticoat has started hauling fill in beginning with the east end of the project. Completion for this section is scheduled for spring/summer 2018.

Section 3, piling and caps are nearly complete on the east side of the new bridge (westbound) and anticipate placing beams the second week of May. We are building a new bridge for westbound traffic and will then shift all traffic to it and widen the existing bridge. Project completion scheduled for December 2018.

Capacity Projects

West King Street Segment 1 (Bond)

Phase Status: Construction 90%

Current Phase Funded: Construction

Consultant: Jones Edmunds, Prosser

Contractor: V J Usina

Project Manager: Nick Perpich

Project Scope: Design update and construction of Holmes Blvd. and West King St. Intersection including a possible pond site, new traffic signal, improved drainage and additional turn lanes. Project limits are along Holmes Blvd. from Butler Ave to West King St. Extension. Also along West King St. from Holmes Blvd. to Hurst St.

Project Status: When constructed the intersection will have turn lanes and a new traffic signal. Construction began in February 2016 and should be completed in the Spring 2017. Utility relocations are complete. Pond excavation is complete. Stormwater drainage system is complete. Final Asphalt Paving will be May 1st through May 6th. A Final inspection will take place May 10th.

Woodlawn Road Realignment (Non-bond)

Phase Status: Design 100%, Construction 60%

Current Phase Funded: Construction Phase I

Consultant: Matthews Design Group

Project Manager: Donnie Tackett

Project Scope: Realign Woodlawn Road along the East/West segment from the proposed T intersection modification to near Lewis Speedway. To be designed and constructed in phases.

Project Status: Phase II in final design, utility relocations are on going and bid documents are being prepared.

Safety Projects

Countywide Sidewalk Projects (Non-bond)

Current Phase Funded: Construction

Consultant: Not applicable

Contractor: Varies

Project Manager: Nick Perpich

Project Scope: Work shall include repair and replacement of existing sidewalks, as well as installation of new sidewalks.

Project Status: Palm Valley Rd / Landrum Lane sidewalk is complete. Shores Blvd and Palm Valley Road sidewalks will begin in June and take about 1 month to complete.

Safety Projects

Traffic Calming Program (Non-bond)

Current Phase Funded: Study

Contractor: Not applicable

Project Manager: Rodney Cooper

Project Scope: Traffic studies will be performed on the basis of a "Petition to Study" signed by a clear majority of all affected residents in a given neighborhood. Each candidate street will be studied and ranked according to traffic conditions and point system established in the policy and procedure manual.

Project Status: Heritage Park - This has been approved by the BOCC. A task order has been given to Matthews Design Group to design the proposed traffic calming devices for this project.

Other areas being considered for traffic calming are Cypress Lakes, Cunningham Creek, and Bishop Estates.

US 1 & Ray Road Turn Lane (Non-bond)

Current Phase Funded: Design, Construction

Consultant: Metric Engineering

Project Manager: Donnie Tackett

Project Scope: Design and construct intersection improvements and a fully actuated traffic signal at the intersection of US 1 & Ray Road. FDOT has conducted a traffic signal warrant study that justifies a traffic signal at this location. St. Johns County is anticipating entering into a Local Funding Agreement with FDOT as the County is responsible for one leg of the three leg intersection. FDOT will design and construct the signal and the County will be responsible for the addition of a right turn lane on Ray Road.

Project Status: Utility relocations have been completed, storm structures are being fabricated, clearing and erosion control installation to start within the next couple of weeks and preparation for Ray Road closure is scheduled for May 26th.

Drainage Projects

Countywide Stormwater Model (Non-bond)

Phase Status: Study 80%

Current Phase Funded: Design, Permitting, Land Acquisition

Consultant: Jones Edmunds

Contractor: Not Applicable

Project Manager: Douglas Tarbox

Project Scope: Implementing the recommendations of the Ayres study to proceed to the next phase by adopting a uniform stormwater model and to proceed with producing models for each sub-basin to determine the extent of improvements to relieve flooding and storm duration. This will be an overall county wide endeavor and will take several years to complete.

Project Status: Countywide Flood Protection Level of Service Analysis is underway, working on identifying level of service deficiencies throughout the county

Countywide TMDLS - Stormwater Quality Drainage Improvements (Non-bond)

Phase Status: Original Study 65%

Current Phase Funded: Original Study

Consultant: varies

Contractor: varies

Project Manager: Brian Kelsay

Project Scope: Stormwater quality drainage improvements in the County's storm drainage system and in outfalls to waterways will be installed to reduce the discharge of pollutants. Effective July 2008, the county will be required to begin projects that will help meet the pollution allocations of the Total Maximum Daily Load (TMDL) program for the lower St. John's River Basin.

Project Status: County has met current TMDL goals. Every five years the goals are reevaluated by the FDEP. This year is a reevaluation year. We are awaiting the results of the re-evaluation.

Drainage Projects

Masters Tract (Non-bond)

Phase Status: Construction Phase I 98%, Construction Phase II 5%

Current Phase Funded: Construction Phase I, Construction Phase II

Consultant: Jones Edmunds & Assoc.

Contractor: Preferred Materials, Petticoat-Schmitt

Project Manager: Brian Kelsay

Project Scope: Design and Construction of the regional storm water treatment facility.

Project Status: Phase 2 construction is substantially complete. Final weir gates have been installed. Primary wetland planting is complete in all wetland cells. Secondary wetland planting is complete. Planting in the wetland is complete.

Drainage Projects

Mitigation Plan (Non-bond)

Current Phase Funded: Permitting, Land Acquisition

Consultant: SJC Real Estate Team

Project Manager: Ryan Mauch

Project Scope: Provide needed wetland mitigation for St. Johns County transportation projects.

Project Status: In Basin 5, the Turnbull Creek ROMA has a balance of 144.9 (SJRWMD) and 138 (ACOE) FGUs for District and Corps permitting. Prescribed burn units A and C are planned to be burned and units L and F will be thinned and then roller chopped. Units G, H, I, J, K will be burned in 2019. The ROMA is currently meeting all the permit success criteria. Carter Environmental will continue to redefine fire lines and treat exotics upon observation. SJRWMD compliance inspection planned after next burns.

In Basin 8, the Deep Creek ROMA provides 22.8 (ACOE) 27.8 (SJRWMD) FGUs for District and Corps permitting. The Masters Tract Regional Stormwater pond wetland cell plantings is being planned to be completed by early 2017. Pine thinning completed at the Tatum Tract in May 2015 by Carter Environmental Services, in compliance with the MOA and ACOE permit. Invasive exotic species treatments including cutting and spraying camphor trees and spraying patches of cogon grass occurred in summer 2016 and will need to continue. Carter will revisit for continued treatments. The goal at Tatum is to recruit hardwood species and understory in order to establish a mesic/wetland mixed hardwood forest with less than 1% invasive/exotic species at the tract. Year two monitoring and SJRWMD compliance inspection concluded that additional aggressive exotic treatments and 3 gallon hardwood (maple, sweet gum, live oak) plantings included in the MOA will need to be installed if natural recruitment is not taking hold.

In Basin 9, the Moses Creek ROMA has a balance of 40 FGUs. Timber thinning is ongoing and will be completed in 2017 on the Terrapointe Tract. Upon completion of the harvest, exotic species eradication will commence. At the Rayonier tract, Chinese Tallow removal is ongoing. Timber thinning will be completed in 2017. 10 ditch blocks along the central ditch need to be re-installed by Road and Bridge in 2017. Timber will be stacked along SR 206 to eliminate trespassing. A prescribed burn is then planned for both thinned areas by 2019. Year one monitoring reporting and SJRWMD/ACOE site visits will be conducted by Jones Edmunds (BJ Bukata) for the Moses Creek ROMA after thinning is completed at both tracts.

The 3 ROMAs will be monitored by staff to ensure long term goals are met with continued maintenance for invasive/exotic species, prescribed burning and other maintenance issues within the ROMA properties and SJRWMD and ACOE compliance and monitoring requirements will be met.

Maintenance Projects

Countywide Safety (Non-bond)

Phase Status: Construction 100%

Current Phase Funded: Design, Permitting, Construction

Consultant: SJC Traffic & Transportation

Contractor: SJC Traffic & Transportation, Engineering Pavement Management

Project Manager: Brian Kelsay

Project Scope: Provides for a rapid and flexible response to safety issues as they arise. Roadway safety issues that arise during the year are addressed on an "as-needed" basis. Work may include repair and replacement of guardrail.

Project Status: Safety issues are evaluated and taken care of as needed.

Countywide Stormwater (Non-bond)

Current Phase Funded: Design, Permitting, Construction

Consultant: Not Applicable

Contractor: Not Applicable

Project Manager: Douglas Tarbox

Project Scope: Provides for a rapid and flexible response to drainage issues on an as-needed basis.

Project Status: Ongoing program for intermittent stormwater work.

Administration/Engineering Study Projects

National Pollutant Discharge Elimination System (Non-bond)

Current Phase Funded: Permit Implementation

Consultant: Jones Edmunds and Associates, Watershed Protection Program

Contractor: Not Applicable

Project Manager: Jay Kamys, Ryan Mauch

Project Scope: Implementation of the NPDES permit program.

Project Status: Extension of St. Johns Watershed Protection Program (SJCWPP) task order for calendar year 2017 is underway for the balance of 2017. New deliverables include that storm drain marking locations will be mapped. Education outreach continues throughout the County, with scheduled presentations to the Public. The Science Technology Engineering Mathematics fair is 5/13 at Palencia. St. Johns County was recognized at the recent Career Academies night 4/17 for our support. The PRIDE reporting system has been improved to provide a better picture of our compliance with the Permit.

Jones Edmunds Associates (JEA) Task Order #7 for compiling NPDES Year 4 is underway. JEA has provided the 1st draft with supporting documentation. This will be fully reviewed in preparation of Phase III Year 4 Formal Report. Subsequently the preparation of Cycle IV Notice of Intent (NOI) and Request for Additional Information (RAI) will follow.

FDEP has posted the Tentative Audit schedule for 2017. At this time St. Johns County is not on that list.