

PUBLIC WORKS STATUS REPORT

Project Status Report – February 2014

Engineering Services:

Active Projects:

1. Chester Road Future Widening (Preliminary Design/PD&E)

Estimated Completion Date: Summer 2013

Status: We continue to receive status updates from the Florida Department of Transportation (FDOT) regarding this project. FDOT executed a design contract on February 28, 2011 and the Consultant has completed a design schedule and we expected the FDOT to complete the study by Spring of 2013. Staff met with FDOT representatives regarding the limits on December 5, 2011. With the addition of the East Nassau Center Planning Area (ENCA) the FDOT is re-evaluating project limits. A public information workshop was conducted on September 6, 2012 regarding the proposed improvements. FDOT held a Public Hearing in the first quarter of 2013 with a final recommendation in the summer of 2013. This project was discussed by the TPO on September 12, 2013 and remains on the list of priority projects.

2. Bay Road Widening from Conner-Nelson to CR 108 – (Bidding)

Budget: \$1,683,000

Estimated Completion Date: Summer 2014

Status: On December 19, 2012 the Commission approved the Florida Department of Transportation Small County Outreach Program (FDOT SCOP) agreement for the widening and resurfacing of the remaining segment of Bay Road between CR121 and CR108 in Hilliard. The engineer's estimate is approximately \$450,000 more than the FDOT provided funding. We explored cost savings options with the consultant, however, none could be provided that would not significantly shorten the design life (thinner asphalt) or cause the design to not meet Greenbook standards. On October 2, 2013 we met again with FDOT and they agreed to provide an additional \$425,815 which set the FDOT funded portion of the construction at \$1,333,309. We received the Supplemental Agreement (SA) from FDOT during the week of December 23, 2013. The SA must be executed and approved by the Commission at the January 27, 2014 meeting. We submitted the plans and specifications to FDOT for concurrence during the first week of December 2013 and we received approval to bid the project on January 2, 2014. Bids are due on March 5, 2014 and we expect to have FDOT's concurrence with the recommendation of the award to be considered on April 16, 2014 at the regularly scheduled Commission meeting.

3. A1A and Commerce Boulevard Signalization (Loop Road 4) – JPA (Pre-Bid)

Budget: \$500,000

Estimated Completion Date: Early 2015

Status: In September, 2012 the Commission approved this project to be included on the Capital Improvement Plan. The Commission approved an amended agreement with FDOT for partial funding of the project's construction (a not to exceed amount of \$250,000) in January of 2014. Staff provided comments on the design to the engineer of record on April 25, 2013. The EOR submitted revised plans in late June 2013 and

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comments were provided to the developer's engineer on August 16, 2013. The plans were re-submitted on December 17, 2013 and approved by the County in late December 2013. These plans have now also been reviewed by FDOT and final comments and other items are being addressed by the Engineer of Record prior to FDOT allowing the project to be bid. When FDOT's concerns (Right of Way Certification, Driveway Permit, Final Plans and Specs, etc) have been addressed we will develop a bidding and construction schedule for the project.

4. CR 121 Culvert Extension – (Construction)

Budget: \$210,000

Estimated Completion Date: Spring 2014

Status: In September, 2012 the Commission approved this project to be included on the Capital Improvement Plan. The consultant has now completed the plans and bid documents for this project and staff has negotiated a scope and fee for the Construction Engineering and Inspection (CEI) required for the project from one of our continuing CEI firms. Bids were due on April 25, 2013 and were significantly higher than anticipated. We provided a recommendation to the Commission to reject the bids and re-bid the project at the June 19, 2013 meeting and that recommendation was approved. We then worked with the Consultant and determined that there were no changes to the plans that would reduce the cost on this project and still remove the guardrail. We have now advertised the project for bids and we conducted a pre-bid meeting which was held on October 3, 2013. Bids were received on November 7, 2013 and opened on November 8, 2013. The recommendation regarding award of the bid was approved at the December 18, 2013 meeting. We conducted a preconstruction conference on January 15, 2014. The Contractor was reminded at that meeting of the requirement to obtain a City of Jacksonville Right of Way permit. The permit was acquired on February 2, 2014 and Notice to Proceed to construction was issued and construction will start February 18, 2014.

5. 14th Street and Sadler Road Signalization Upgrade – (Bidding)

Budget: \$505,000

Estimated Completion Date: Summer 2014

Status: In September, 2012 the Commission approved this project to be included on the Capital Improvement Plan. The Commission approved a Work Authorization and Notice to Proceed with design was sent to the consultant on March 20, 2012. This project is for signalization upgrades only. No additional improvements are in the consultant's scope or the budget for this project. The consultant submitted 90% plans for staff review on September 20, 2013 and comments were provided on September 30, 2013. The design is now complete and the project was advertised for bids on December 18, 2013. Bids were due on February 4, 2014 and we hope to have a recommendation of award for the construction work to the Commission at the March 10, 2014 meeting.

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6. Crawford Road Paving – (Consultant Selection)

Budget: \$200,000

Estimated Completion Date: TBD

Status: In September, 2013 the Commission approved for this project to be included on the Capital Improvement Plan. That approval allocated \$200,000 for the design of both phases of the project. FDOT is providing the funding for the construction and staff noted disparities in the funding provided for Phase 1 and Phase 2 in the proposed FDOT work program. We met with FDOT on October 2, 2013 and the FDOT agreed with staff and the new construction funding to be provided by FDOT will be \$1,200,000 (an additional \$289,000) for Phase 1 and \$3,750,000 (an additional \$2,367,000) for Phase 2. We released a Request for Qualifications (RFQ) for the design of this project since the total construction value is greater than 2 million dollars; in accordance with the requirements of the Consultant's Competitive Negotiation Act (CCNA). Those proposals were for the design of both phases of the roadway so that plans and specifications will be complete and ready to bid when funding becomes available. Proposals have been reviewed by staff and the rankings were completed after oral presentations on January 27, 2014. The first of three (3) SCOP agreements from FDOT (for \$911,170) and the rankings will be presented on February 19, 2014 for Commission approval and authorization to begin negotiations with the top ranked firm.

7. Jasmine Street Resurfacing and Drainage Improvements – (Design)

Budget: \$484,000

Estimated Completion Date: December 2014

Status: In September, 2013 the Commission approved for this project to be included on the Capital Improvement Plan. The project addresses drainage and erosion issues along Jasmine Street from 14th Street to approximately 500 feet east of Citrona Drive. The drainage study for this area was completed by the consultant in September 2012. The study found that existing pipes are clogged and dilapidated corrugated metal pipes. These pipes are causing maintenance and drainage problems and must be replaced to effectively correct those problems. The final design of the drainage improvements was completed in October 2013. The project will replace the existing corrugated metal pipes with reinforced concrete pipes and additional inlets to improve drainage, maintenance and provide a longer service life. This project also has funding provided by the FDOT for the resurfacing of Jasmine from 14th Street to Citrona Drive. Staff has now completed the plans and specifications required to create a bid additive to the drainage project which was designed by the consultant. The paving portion of the project was initially funded at \$96,600; however, due to the small nature of the project staff estimated the cost to be approximately \$165,000. We met with FDOT on October 2, 2013 and they have agreed to provide an additional \$50,000 for a total of \$146,600, which is our estimate for the paving portion with no contingency. These dollars will not be available until July 1, 2014, however, and to utilize them we will not be able to bid the project until April, 2014.

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Impact Fee Funded Projects:

1. Blackrock Road – Widening (Construction)

Budget: \$3,700,000

Estimated Completion Date – Fall/Winter 2014

Status: Staff issued a Notice to Proceed with design for the project on October 3, 2011 and the design was expected to take twelve (12) months to complete. We have been delayed by many factors including bidding the job as two (2) separate projects and use of new technologies in the design which were all attempts to save the County money and get a longer lasting project. Utility coordination has also been challenging and at our final utility coordination meeting in March 2013 JEA asked if they could have our Contractor perform the relocations of their facilities. We have done this in the past and although some additional time is required to bid the project the construction phase runs much more smoothly since the Contractor cannot claim they were delayed. The project's bids were due September 10, 2013. We then conducted "pre-award" meetings with the low bidder on several dates: September 18, October 10 and October 15, 2013 due to the difference between the low bid and construction budget for the project. We presented a recommendation to the Commission for consideration at the November 4, 2013 meeting. Our recommendation was approved and the agreement with First Coast Railroad has been terminated. A preconstruction conference was held on December 12, 2013. We have issued a Notice to Proceed and the Contractor began work on January 21, 2014. Construction is underway.

2. 14th & Lime St. – Intersection Improvements (Complete)

Budget - \$440,000

Final Completion – December 2013

Status: On October 4, 2011 the City of Fernandina Beach Commission approved the use of District 501 impact fees for the project's design and construction. Notice to Proceed to design was sent on March 5, 2012 and a design kickoff meeting was held on March 6, 2012. The consultant notified staff on May 18, 2012 that the existing mast arm could be re-used but would not be able to support all of the signals (to do so would require a second mast arm installation). We intend to replace the existing mast arm with one that will support all of the signals in lieu of erecting an additional one. This will reduce the future maintenance requirements at the intersection and ensure that current wind load design requirements are met. The recommendation of award of the construction contract and the CEI services Work Authorization were both approved by the Commission at the April 8, 2013 regularly scheduled meeting. We conducted a preconstruction conference on May 13, 2013 and issued the Notice to Proceed dated May 15, 2013. The project was substantially complete on September 25, 2013. The Contractor had until November 13, 2013 to correct punchlist items and complete the project. Prior to scheduling a final inspection staff noted that some of the equipment for signal interconnectivity did not match what was expected. We and our CEI firm then determined that the bidding documents could have been clearer regarding that item and the Contractor agreed to provide a replacement at no charge and we agreed to issue a change order for the time required. The Contractor completed the project on December 19, 2013 and we are now

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completing paperwork and final submittals required prior to recommending the Commission make final payment for the project which will be presented to the Commission on February 10, 2014. This project is now considered complete and will be moved to the completed projects section of the report next month.

3. Commerce Blvd. Extension (Loop Road 4) 3P Project

Budget: \$1,786,000

Estimated Completion Date: Winter 2014

Status: In September, 2012 the Commission approved this project to be included on the Capital Improvement Plan and in July, 2013 approved the use of the remaining Impact Fees (\$755,308.00) in District 3. Additional funds (\$1,030,871) were allocated on August 7, 2013 towards the project to help fund the construction of the roadway as a Public Private Partnership (P3). Staff provided comments on the design to the engineer of record on April 25, 2013. The EOR submitted revised plans in late June 2013 and comments were provided to the developer's engineer on August 16, 2013. The plans were re-submitted on December 17, 2013 and approved by the County in late December, 2013. A public hearing for the P3 was held on January 13, 2014 at 7 P.M. The Commission approved a contract for CEI services on January 13, 2014 and we await notification from the private partner that construction is to begin.

Recently Completed Projects:

- 1. Bay Road Widening from Conner-Nelson to CR 121 (March 2013)**
- 2. Christian Way (Loop Road) Phase I (June 2013)**
- 3. 14th Street Between Hickory & Atlantic – Improvements (June 2013)**
- 4. Julia Street Recreational Path (August 2013)**

Road and Bridge Monthly Status Report

February 2014

	Location and Project	Description	Status	%
	District 1 Project	Darren Marsh - Project Supervisor		
	None			
	District 1 CIP	David Hearn - Field Manager		
1	Bonnieview Road & Jackson Creek	Cross Drain Repair	*See Road & Bridge Monthly CIP Status Report	N/A
	District 2 Project	Darren Marsh - Project Supervisor		
1	Otter Run Drive	Drainage Repair (2nd Location)	Repaired Curve & Continue Monitoring	75%
2	Nassau Lakes	Drainage Maintenance	Continue Monitoring	10%
3	Burmeister Road	Cross Drain Replacement - Pavement Management Plan	*In-progress	*95%
4	CR107 (Old Nassauville Road)	Cross Drain Replacement (2) - Pavement Management Plan	*Scheduling Summer 2014	0%
	District 3 Project	Darren Marsh - Project Supervisor		
1	North Hampton	Drainage Maintenance	Monitoring the Repairs	95%
2	North Hampton	Drainage Maintenance	Awaiting Scheduling - Outside Vendor to perform Video Pipe Inspection	5%
3	Merrylene Road	Drainage Maintenance	Materials Received & Awaiting Scheduling	5%
	District 4 Project	*Darren Marsh - Project Supervisor		
1	Stafford Road	Drainage Maintenance	*In-progress	*50%
2	Conner Nelson Road	Cross Drain Replacement - Pavement Management Plan	*Scheduling Summer 2014	0%
3	Henry Smith Road	Cross Drain Replacement	*Scheduling March 2014	0%
4	Horseshoe Circle	Cross Drain Replacement - Pavement Management Plan	*Scheduling Summer 2014	0%
5	Murrhee Road	Cross Drain Replacement (2) - Pavement Management Plan	*Scheduling February 2014	0%
	District 4 CIP	David Hearn - Field Manager		
1	CR 115A	Cross Drain Replacement	*See Road & Bridge Monthly CIP Status Report	N/A
	District 5 Project	*Darren Marsh - Project Supervisor		
1	Pinewood Court	Drainage Maintenance	*In-progress	*75%
2	Artesian Boulevard	Cross Drain Replacement (3) - Pavement Management Plan	*Scheduling March 2014	0%
3	Charwood Drive	*Cross Drain Replacement - Pavement Management Plan	*Scheduling March 2014	0%
	District 5 CIP	David Hearn - Field Manager		
1	Swallowfork Subdivision	Drainage Improvement	*See Road & Bridge Monthly CIP Status Report	N/A
	*Multi-Districts Project	*Darren Marsh - Project Supervisor		
1	Multi-Districts	Roadside Shoulder Work in Preparation - For Pavement Management Plan	Completed By 01Mar14	0%

*New


Dept Head Review

Road & Bridge Monthly CIP Status Report February 2014

District 1

Bonnieview Road & Jackson Creek Cross Drain Repair

Budget: \$ 280,000 (Pending Approval)

Estimated Completion Date: Pending

Status: The Work Authorization for design and construction administration was approved by the BOCC on 08-12-13 and Notice to Proceed issued on 08-27-13. Kickoff meeting was held on 10-09-13. The Engineer's preliminary estimate is approximately \$376,000; therefore, we're exploring cost saving options with the consultant. *Awaiting on a final cost estimate to discuss options with Public Works Director.

District 4

CR 115A Cross Drain Replacement

Budget: \$ 218,000 (Pending Approval)

Estimated Completion Date: Pending

Status: Comments on 100% plans were provided to the Engineering of Records (EOR) on 07-31-13 and Final Plans and Specifications are currently being review. A pre-bid meeting was held on 11-08-13. Bids were received on December 4, 2013 and opened on December 5, 2013. The recommendation of Award and request for contingency funds is scheduled for January 15, 2014 Commission meeting. *A pre-construction meeting to be schedule shortly.

District 4

Roy Sikes Rd. Cross Drain Replacement

Budget: \$ 220,000 (Pending Approval)

Estimated Completion Date: Pending

Status: BOCC approved design-build on 06-24-13 and letter requesting additional funding and time sent to FEMA on 06-21-13. Evaluation Committee met on 11-07-13 to rank the project proposals and open bids.

*At the December 9, 2013 BOCC meeting, Staff was authorized to begin contract negotiations with the top ranked firm. Negotiations are currently underway and hope to have a recommendation of Award for the design-build work to the Commission at a meeting in late February or early March 2014.

*NEW

Road & Bridge Monthly CIP Status Report February 2014

District 5

Swallowfork Subdivision Drainage Improvement Project

Budget: \$ 319,257

Estimated Completion Date: Summer 2015

Status: The County has coordinated with Rayonier and obtained a drainage easement that will serve as the primary storm water management facility for this project. A permit has been acquired from the St. Johns Water Management District (SJRWMD) to construct the project utilizing this easement. The County and Rayonier completed Memorandum of Understanding (MOU) and the agreement and easements were approved by the Commission on October 24, 2011. The project has been divided into six phases; (1) Clearing and Grubbing, (2) Swale 1 Excavation and Drainage, (3) Pond 1 Excavation and Drainage, (4) Pond 2 Excavation and Drainage, (5) Roadside Drainage, and (6) Road Stabilization. The construction will involve a total of over twelve (16) acres of pond/swale excavation, approximately 4,000 LF of underground storm drainage pipes, eleven (11) pre-cast drainage structures, and over 60,000 LF of road side ditch and drainage easement improvements. The clearing and grubbing portion of Phase 1 has been completed. *Bids were received for the debris removal of this phase and the recommendation of award has been submitted for staff review and tentatively scheduled for BOCC approval on the February 19, 2014 Board meeting. Swale 1 Excavation and Drainage (Phase 2) was anticipated to begin in Spring 2013, however, weather continues to be an issue with the project and will tentatively begin in Summer 2014.. Upon completion of the debris removal, staff will begin Phase 2.

***NEW**