

# **PUBLIC WORKS STATUS REPORT**

## **Project Status Report – June 2017**

### **Engineering Services:**

#### **Active Projects:**

##### **1. Pages Dairy/Chester Intersection – (Design)**

**Budget: \$5,150,000**

**Estimated Completion Date: Winter 2018**

Status: In April, 2016 the Commission approved for this project to be included on the Capital Improvement Plan. This project will essentially "4 lane" Chester Road from Courtney Isles Parkway through the intersection, creating a 4 lane section from SR A1A to Page's Dairy Road. The project will include signalization of the intersection and railroad improvements/modifications to facilitate the new roadway width. This project also resurfaces a section of Chester Road north of Heron Isles that had been deferred previously. The Commission authorized staff to enter into negotiations for the design of the project at the August 17, 2016 meeting. A design kickoff meeting was held on December 12, 2016 and design is underway. We met with the consultant regarding the preliminary design and directed them to ensure that pedestrians and cyclists are accommodated through the intersection and on Pages Dairy Road. We also directed the consultant to do additional work at the intersection of Pages Dairy and Felmor road. We note that these improvements (paved shoulders on Pages Dairy and intersection improvements at Felmor) were not anticipated when the funding was requested from FDOT and we will have to explore additional funding sources and/or bid these improvements as alternates once the consultant can estimate the additional costs. We also met with the design consultant on April 18, 2017 and to accommodate pedestrians and bicycles through the intersection will require them to change the design from a "rural" roadway utilizing swales to an "urban" roadway utilizing curb and gutter with a piped drainage system. This is due to the right of way constraints in the area. The consultant noted that our budget was based on the less expensive "rural" roadway which is not feasible unless bike and pedestrian facilities are not included for the Chester and Pages Dairy intersection. The Consultant is now refining their estimate based on our direction for them to include pedestrian facilities at the Chester/Pages Dairy intersection and the additional improvements at the Felmor/Pages Dairy intersection.

##### **2. Crawford Road Paving – (Design & Right of Way Acquisition)**

**Budget: \$6,292,170**

**Estimated Completion Date: Fall/Winter 2017**

Status: In September, 2013 the Commission approved for this project to be included on the Capital Improvement Plan. A design kickoff meeting was held May 8, 2014 and the preliminary design and concept report was submitted in the first week of July, 2014. We are also working with the County Attorney regarding draft Right of Way acquisition agreements and presented the first (of two) with Rayonier/Terrapointe to the Commission on July 27, 2015. We presented a similar agreement regarding WestRock for Commission consideration which was approved at the August 19, 2015 meeting. At the March 16, 2016 meeting the Commission directed staff and our consultant to proceed with designing and constructing the 40 mph alternative out of Norfolk Southern right of

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way. The Consultant has revised the design schedule at this time and we have authorized them to begin the associated design and surveying. Plans were submitted on May 17, 2016 (90%) for review by staff. On May 25, 2016 Norfolk Southern Railroad informed us that they would not allow us to construct the roadway without going through their processes. They requested and were sent the 90% plans so that they can review them and send us a “Preliminary Engineering” agreement for execution by the Commission. This agreement was executed by the Commission at the July 20, 2016 meeting. The railroad has requested an additional \$4,000 to locate a fiber optic cable in their right of way and the County Manager has approved that amendment to our agreement with Norfolk Southern. The railroad has also provided direction as of March, 24 2017 that we are to supply: ROW plans, an offer, Appraisal, Plats and Legal Descriptions and other items for acquisition of the 10+- Temporary Construction Easement (TCE). We were aware that the TCE was required since we entered into the agreement with the railroad but these requirements were not expected. The time to complete these items (appraisal and legal descriptions) and the “minimum” six (6) month review time will impact the project schedule negatively by approximately 9 months.

The final agreement for land donation from Rayonier/Terrapointe was approved at the October 10, 2016 Commission meeting and a routine amendment to that agreement will be presented to the Commission on April 10, 2017. We are currently working on a similar final agreement with WestRock and have received legal sketches and descriptions and begun to acquire appraisals for property acquisition. We expect to take a final agreement to the Commission regarding the WestRock property once the appraisal is complete.

#### **3. CR 115 Widening and Resurfacing from Henry Smith Road to Bypass Road Budget: \$8,000,000**

##### **Estimated Completion Date: Winter 2019**

Status: At the County Commission Meeting of July 6, 2016, the Board directed staff to work with FDOT for the widening and resurfacing of CR 115 from Bypass Road to Henry Smith Road. We have also coordinated with FDOT to get the resurfacing project's funding applied to the widening project so that we can begin design utilizing those funds. We received a supplemental agreement that added \$3,640,000 to the project and presented that to the Commission in December, 2016. We also expect another supplemental agreement to be issued in the amount of \$3,500,000 in late summer of 2018 when that funding becomes available. The responses from firms interested in performing this were due on November 16, 2016 and have been reviewed by staff which met on January 13, 2017 to rank the letters of interest and then solicit full proposals. We have selected four (4) of the ten (10) firms to submit full proposals which were due on February 28, 2017. The Commission approved the rankings at the May 17, 2017 Commission meeting and staff is waiting for the proposal from the selected consultant.

#### **4. Thomas Creek Road Resurfacing – (Design) Budget: \$924,000**

##### **Estimated Completion Date: Summer 2017**

Status: On March 16, 2016 the Commission approved a Small County Road Assistance Program (SCRAP) agreement for FDOT to fund the construction of this project (\$924,000) and for this project to be included on the Capital Improvement Plan with a



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budget of \$1,178,000 which will fund the CEI services and a 15% contingency. The project will resurface Thomas Creek Road from US301/SR200 to the Duval County line (4.5 miles). Staff has completed the plans and technical specifications for this project. We have now finalized the bid documents and received concurrence from FDOT to bid the project. We expect to release the project for bids once we have CEI firms on continuing contract.

#### **5. Andrews Road Resurfacing – (Design)**

**Budget: \$896,000**

**Estimated Completion Date: Fall 2017**

Status: On March 16, 2016 the Commission approved a Small County Road Assistance Program (SCRAP) agreement for FDOT to fund the construction of this project (\$704,000) and for this project to be included on the Capital Improvement Plan with a budget of \$1,178,000 which will fund the CEI services and a 15% contingency. The project will resurface Andrews Road from CR121 to US1. (3.5 miles) The design for this project is now underway. We have completed the plans and specifications and they have been sent to FDOT for concurrence to bid. We expect to bid this project once we have continuing CEIs on contract and may bid this project concurrently with Thomas Creek road.

#### **6. Thomas Creek Restoration Project, Phase 8 – (Construction)**

**Budget: \$500,000**

**Estimated Completion Date: January 2018**

Status: The Thomas Creek Restoration Project, Phase 8 is being funded by a \$500,000 REDI Community & Innovative Projects Cost-Share Program grant from St. Johns River Water Management District (SJRWMD). The project consists of the restoration and de-snagging of Thomas Creek from 5,500 LF west of U.S. 1 (end of Phase 7) for approximately 5,500 LF. The intent is to restore the functionality of the creek in order to aid in the conveyance of storm water from the watershed of Thomas Creek, which has been shown to help alleviate flooding issues. The grant contract with SJRWMD was approved by the BOCC at March 15<sup>th</sup> meeting, the amendment to add Phase 8 to the contract with Hayward construction was approved at the May 8<sup>th</sup> BOCC meeting. A pre-construction meeting was held on May 17, 2017 for this phase of the restoration.

#### **7. Simmons Road Trail - (Design)**

**Budget: \$275,000**

**Estimated Completion Date: Late 2018**

Status: This project is being funded by the Florida Department of Transportation (FDOT) through their Local Agency Program (LAP). The design consultant was selected and their contract negotiated by FDOT. The design will be managed jointly by the engineering and planning departments. A design kickoff meeting was held on July 14, 2016 and we received 30% plans on November 23, 2016. Comments on the 30% plans have been given to the designer and staff conducted a public meeting on March 2, 2017 at 5 p.m. to receive input on the project. Staff has since collected all public comments and submitted them to the design consultant. We are currently awaiting submission of 90% plans which are anticipated by the end of May.

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#### **8. Dyal Road Paving (Right of Way)**

**Estimated Cost: \$632,000**

**Estimated Completion Date: TBD**

Status: Based on Commission direction we have estimated the cost of paving approximately .5 miles of Dyal Road that was left unpaved when the remainder of the road was paved many years ago. We have completed a Right of Way map and had title searches done for all of the properties in the area of the project. It appears that this portion of the roadway was not paved due to the 40' Right of Way that the county has for the majority of the project's limits. There are 11 landowners that would have to convey 10' of their property to the County to create a 60' Right of Way.

#### **9. S. 14<sup>th</sup> Street Resurfacing - (Design)**

**Estimated Cost: \$1,230,000**

**Estimated Completion Date: Summer 2019**

Status: The FDOT has programmed \$1,229,939 to resurface 14<sup>th</sup> Street from Sadler Road to the Amelia Island Parkway. The Commission entered into a Small County Road Assistance Program (SCRAP) agreement with the FDOT on March 13, 2017 to fund the design, construction and CEI services for a total of \$1,229,939. We have also solicited a scope and fee to design the project and will present that to the Commission at the April 10, 2017 meeting. The agreement with the FDOT states that construction is to begin by March 1, 2018 but we intend to ask the consultant to compress that schedule as much as possible. We sent a "Notice to Proceed" to design to the consultant on April 18, 2017 and design is now underway.

#### **10. CR108 at Ballpark Rd School Zone Flashers – (Construction)**

**Estimated Cost: \$22,500**

**Estimated Completion Date: August 2017**

Status: Existing budget year funds up to \$22,500 have been reserved to install ground mounted, solar powered, reduced speed, flashing school zone beacons and make improvements in the related school signs and markings. We have solicited formal quotes for the installation of the flashing beacons and accepted the low proposal of \$12,750. We have issued a "Notice to Proceed" for installation of the beacons and installation is now proceeding. We are soliciting a price quote from our striping contractor for pavement markings in the area.

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Recently Completed Projects:

1. Bay Road Widening from Conner-Nelson to CR 108 – (June 2015)
2. A1A and Commerce Blvd Signalization (Loop Road 4) – (August 2015)
3. Commerce Blvd. Extension (Loop Road 4) 3P Project – (August 2015)
4. Jasmine Street Resurfacing and Drainage Improvements - (March 2016)
5. Lime Street Drainage - (June 2016)
6. Middle/Griffin Road Resurfacing - (January 2017)
7. Thomas Creek Restoration Project, Phase 7 – (January 2017)
8. CR 115A Bridge over Little St. Mary's River Repair Project – (March 2017)