Nassau County Major Projects

Status update

Nassau County Board of Commissioners December 12, 2022



Taco Pope, AICP | County Manager

Robert Companion | Deputy County Manager - County Engineer

Doug Podiak | Public Works Director

Cameron Hansen | Road Department Director

Jay Robertson | Parks and Recreation Director

David Hearn | Assistant Road Department Director

Jeff Little | Assistant Facilities Director

Nassau County | Board of County Commissioners 96135 Nassau Place | Yulee, FL 32097 P: (904) 530-6010

CURRENT CHALLENGES

CURRENT CHALLENGES

SUPPLY CHAIN:

- Aggregate and liquid asphalt supplies are strained
- Pipe supplies are beginning to rebound
- Potential railroad strike contributed to supply concerns

INFLATION FACTORS:

- Liquid asphalt cost increases associated with oil costs
- FDOT has instituted a bituminous index to overcome contractor uncertainty
- All costs have risen due to supply chain and oil costs

PROCUREMENT CHALLENGES:

- Single or No Bid submittals on construction ITBs
 - FDOT and FHWA Grants require three bidders, unless approved otherwise
- Bids received are over budget

CURRENT STATE:

- Beginning to see some resolution to the supply chain issues and demand costs
- Private projects are being postponed or cancelled due to economy uncertainty

PROPOSED PATH FORWARD:

- Rebidding projects in January-March
- Implement FDOT Bituminous Index to provide contractors with assurances
- When possible, utilize partners and in-house forces to complete work

Engineering Projects - \$74,691,188

Recently Completed Projects in 2022- \$12,803,876:

- Pages Dairy Road Completed
- Crawford Road Improvements Completed
- CR 121 Safety & Interim Improvements Completed
- Thomas Creek PAS Study Completed
- Clements Road Drainage Project Completed

Procurement Underway \$21,143,079:

- CR 108 Safety Improvements (Middle Road to US 17)
- CR 108 Safety Improvements (Bay Road to Middle Road)
- CR 121 Reconstruction & Resurfacing Phase 1
- Amelia Island Parkway Trail
- River Road Safety Improvements
- Citrona Pedestrian Safety Improvements
- Spring Lake Estates Drainage Improvements

Projects Under Design - \$29,631,429:

- Henry Smith Road
- Pages Dairy and Chester Intersection Improvements
- William Burgess Boulevard Extension
- Pratt Siding Road
- Amelia Island Parkway and Buccaneer Trail Intersection Improvements (Design Funded)

■ Projects in Planning-\$11,112,804:

- CR 121 Reconstruction & Resurfacing Phase 2
- Hendricks Road Extension (Design Funded)
- New Road from Hendricks Road to Amelia Concourse (Design Funded)
- Sundberg Road Improvements

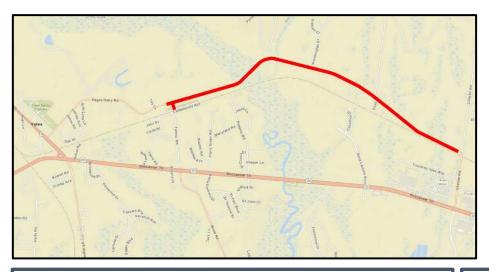
RECENTLY COMPLETED PROJECTS



Pages Dairy Road

Project Status Update – COMPLETED

- 2.7 mile widening and resurfacing project, from Felmor Road to Chester Road.
- JEA and Nassau County have developed an MOU which was approved by the Board.
- Joint FDOT and County Funding
- Construction starting December 2020. Currently +/- \$140,000 under budget and completed on schedule.
- April 2022 scheduled completion. January 21, 2022 Substantial completion. +/- 1 months ahead of schedule.



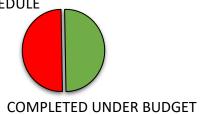


Engineering Firm: Connelly & Wicker Contractor: Petticoat-Schmitt

CEI: ETM

Project Manager: Robert T. Companion, PE

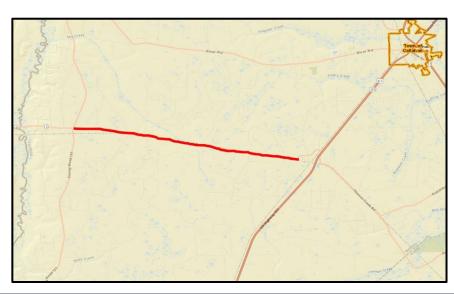
Original Budget: \$3,782,000
Revised Current Budget: \$4,932,000
FDOT CIGP: \$1,250,000
County Funding: \$3,682,000
Total Committed Cost: \$4,791,577



Crawford Road Improvements

Project Status Update – **COMPLETED.**

- FDOT Funded
- Conservation Easement with FPL and all agreements and easements with Norfolk Southern in place.
- Construction Starting in December 2020. Approximately +/- \$887,139 under budget.
- Roadway reopened to public on November 18, 2021.
- Construction complete.





Engineering Firm: EltonAlan
Contractor: Anderson Columbia

CEI: ETM

Project Manager: Robert T. Companion, PE

 Budget:
 \$8,473,264

 Revised Current Budget:
 \$7,323,264

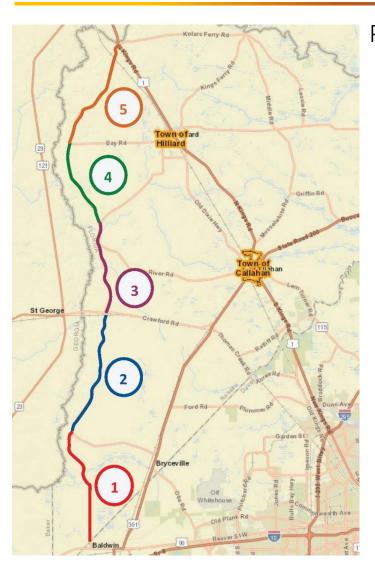
 FDOT SCOP:
 \$4,582,997

 County Funding:
 \$2,740,267

 Total Committed Cost:
 \$6,550,000



CR 121 Safety Improvements



Project Status Update – Completed

- Safety improvements for signing and striping of CR 121 from Duval County to US 1.
- Project Completed.

Engineering Firm: Element Engineering

Contractor: TBD CEI: TBD

Project Manager: Robert T. Companion, PE

Budget: \$662,797 FDOT LAP: \$662,797

County Funding: \$0





CR 121 Interim Improvements





Project Status Update – Completed

- Level Shoulders to promote positive drainage
- Fill in rutting
- Interim repairs to potholes

OEORGIA	Crawford Rd	Brand Origin War on Maria
23	Ford Rd	Garden St. 200 Garden St. 200 S
B B k e	Bryceville Ool Whiteh	Pard & Pa
Bald	C 8	eaver StW 10

Engineering Firm: N/A
Contractor: N/A
CEI: TBD

Project Manager: Road Department

Budget: \$184,370

FDOT LAP: \$0

County Funding: \$184,370 Total Committed Cost: \$184,370

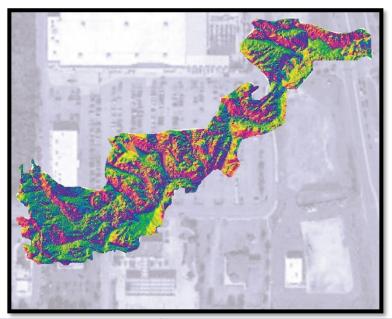
COMPLETED ON TIME



Thomas Creek PAS Study

Project Status Update – Complete

- Study the Thomas Creek Basin and identify projects to mitigate flood impacts.
- Army Corps PAS grant Work-in-kind based grant
- Study findings delivered and Staff is preparing an implementation plan. **Presentation on 12/21/2022**



Engineering Firm: TBD
Contractor: TBD
CEI: TBD

Project Manager: Robert T. Companion, PE

Original Budget: \$240,000
Army Corps Funding (work-in-kind): \$120,000
County Funding (work-in-kind): \$120,000
Total Committed Cost: \$240,000

COMPLETED ON TIME



Clements Road Drainage Improvements

Project Status Update – Complete

- Improve flooding resilience for Clements Road.
- County Funding Public-Private Partnership
- Design completed and construction completed.



Engineering Firm: Public-Private Partnership

Contractor: TBD CEI: TBD

Project Manager: Robert T. Companion, PE

Original Budget: \$200,000
Revised Budget: \$381,061
County Funding: \$381,061
Total Committed Cost: \$381,061

PROCUREMENT UNDERWAY

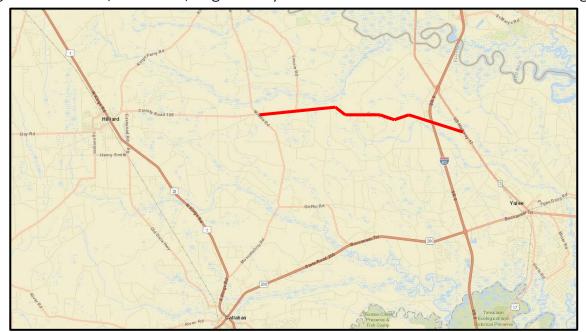


CR 108 Safety Improvements (Middle Rd to US17)

ON BUDGET

Project Status Update – In Procurement – 3RD Rebid

- +/-9.5 mile long resurfacing, striping, and signage safety improvement project.
- LAP funded project
- Project is scheduled to be completed in 2023.
- Savings from CR 115, Crawford, Pages Dairy will be used to address additional rutting



Engineering Firm: Element Design

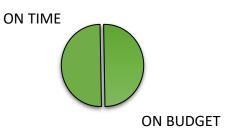
Contractor: TBD CEI: TBD

Project Manager: Robert T. Companion, PE

Budget:
FDOT LAP:
County Funding:
Total Committed Cost:

\$3,997,768 \$3,197,768 \$800,000

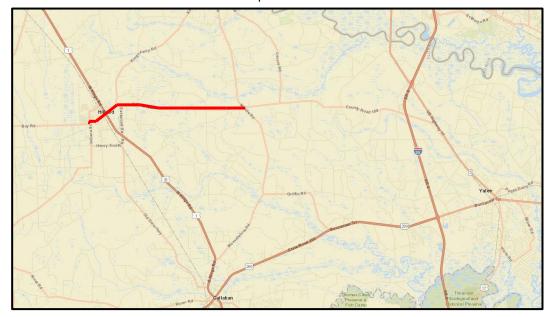
\$0



CR 108 Safety Improvements (Bay to Middle)

Project Status Update – In Procurement 2ND Rebid

- +/-9.5 mile long resurfacing, striping, and signage safety improvement project.
- Design completed in February 2022.
- LAP funded project
- Project is scheduled for construction completion in 2023.



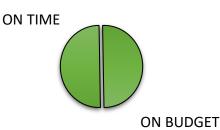
Engineering Firm: Pond & Co. (Pending)

Contractor: TBD CEI: TBD

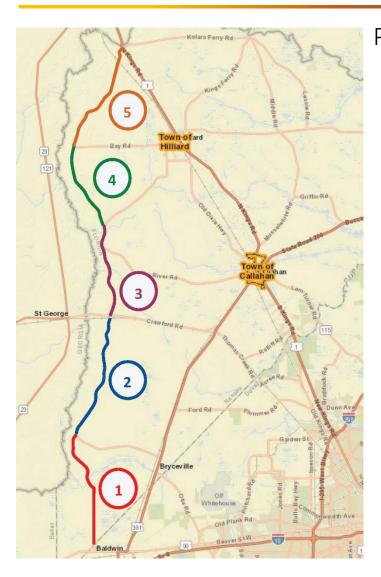
Project Manager: Robert T. Companion, PE

Budget: \$3,921,339 FDOT LAP: \$3,921,339

County Funding: \$0



CR 121 Safety Improvements



Project Status Update – In Procurement For RFQ

- Reconstruction and resurfacing of roadway from Duval County to CR 119 (Phase 1).
- Resurfacing from CR 119 to US 1 in Boulogne (Phase 2).
- Design completion in 2023 (Phase 1)
- Construction completion in 2023 (Phase 1)
- Design completion in 2024 (Phase 2)
- Construction completion 2025 (Phase 2)

Engineering Firm: Kimley Horne – Pending

Contractor: TBD CEI: TBD

Project Manager: Robert T. Companion, PE

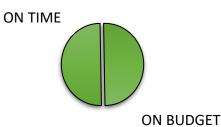
Phase 1
Budget: \$9,000,000
FDOT GAA: \$9,000,000

County Funding: \$0
Total Committed Cost: \$0

Phase 2 (Pending FDOT Agreement Execution)

Budget: \$9,000,000 FDOT GAA: \$9,000,000

County Funding: \$0
Total Committed Cost: \$0



Amelia Island Parkway Trail

Project Status Update – In Procurement

- Construction of 3.25 mile long multi-use trail, from South Fletcher to South 8th Street.
- Construction in four phases
- LAP funded projects
- Design work underway with STV. Phase 1 to construction completion in 2023.

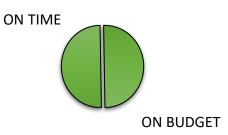


Engineering Firm: Element Engineering

Contractor: TBD CEI: TBD

Project Manager: Robert T. Companion, PE

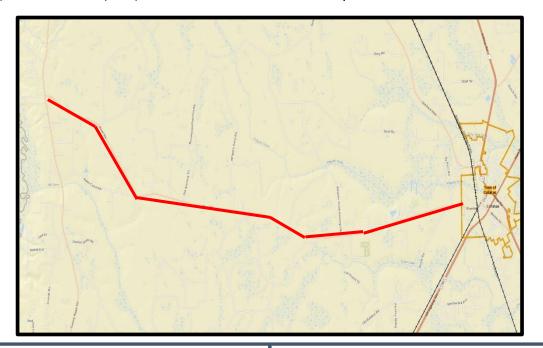
Budget: \$3,164,358 FDOT LAP: \$3,164,358 Agreement Funding (Phase 1): \$770,925



River Road Safety Improvements

Project Status Update – In Procurement

- Safety improvements for signing and striping of +/-11 mile roadway from CR 121 to US 1.
- LAP Funded Project
- Design complete for safety improvements. Discussion topic at WSPS 2023



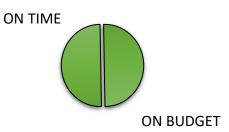
Engineering Firm: Element Engineering Contractor: TBD

CEI: TBD

Project Manager: Robert T. Companion, PE

Budget: \$203,016 FDOT LAP: \$203,016

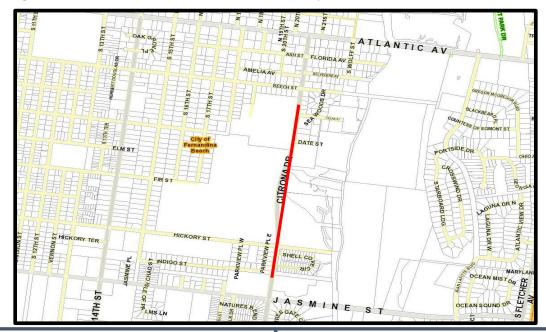
County Funding: \$0
Total Committed Cost: \$0



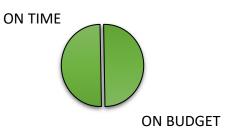
Citrona Drive Pedestrian Improvements

Project Status Update – In Procurement

- Pedestrian improvements of sidewalk for 0.5 miles from Hickory Street to Beech Street.
- LAP Funded Project
- Design began in Summer 2020. Construction completion in 2023.



Engineering Firm:	TBD	Budget:	\$198,598
Contractor:	TBD	FDOT LAP:	\$198,598
CEI:	TBD	County Funding:	\$0
Project Manager:	Robert T. Companion, PE	Total Committed Cost:	\$0



Spring Lake Estates

Project Status Update – In Procurement

- Drainage Improvements to Spring Lake Estates.
- In-house Design
- Construction completion in 2023.



Engineering Firm: Engineering Services Dept.

Contractor: TBD CEI: TBD

Project Manager: Katie Peay, PE

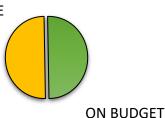
Budget: \$658,000

FDOT LAP: \$0

County Funding: \$658,000

PROJECTS UNDER DESIGN

BEHIND SCHEDULE



Henry Smith Road

Project Status Update - Construction Beginning in Next Six Months

- Resurfacing and improvements of 1.9 mile long 2 lane roadway from CR 108 to US 1.
- Joint FDOT and County Funded
- Design completed. Awaiting permitting
- Project is scheduled construction completion in 2023.

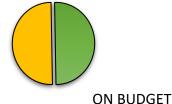


Engineering Firm: Peters & Yaffee

Contractor: TBD CEI: TBD

Project Manager: Robert T. Companion, PE

Budget: FDOT SCOP: County Funding: Total Committed Cost: \$1,550,000 \$900,000 \$650,000 \$284,991

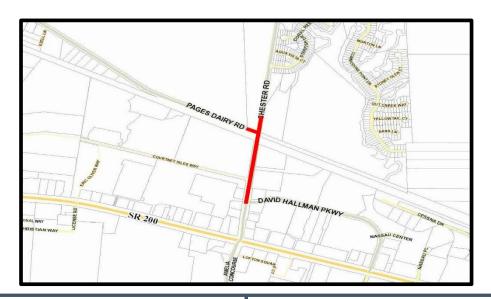


Pages Dairy & Chester Intersection Improvements

Project Status Update – **Under Design**

- Design is at 100% Awaiting final plans and bid package.
- County Funded
- Budget is \$7.4 million.
- Design to be completed in December 2022.
- Project is scheduled construction completion in 2023

 RR Signal Equipment Delays



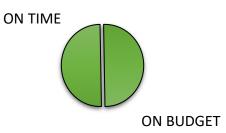
Engineering Firm: EltonAlan
Contractor: TBD
CEI: TBD
Project Manager: Robert T. Companion, PE

 Budget:
 \$7,357,960

 FDOT:
 \$0

 County Funding:
 \$7,357,960

 Total Committed Cost:
 \$573,792



William Burgess Boulevard Extension

Project Status Update – Under Design

- Construction of 1.8 mile long 2 lane roadway with a multi-use trail, from US 17 to Miner Road.
- Joint FDOT and County Funding
- Design is at 100%. ROW Acquisition complete. Permitting and Coordination Underway
- Project is scheduled for construction completion in 2024.



Engineering Firm: GAI
Contractor: TBD
CEI: TBD

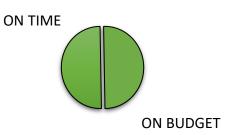
Project Manager: Robert T. Companion, PE

 Budget:
 \$16,892,000

 FDOT LTP:
 \$2,900,000

 County Funding:
 \$13,992,000

 Total Committed Cost:
 \$4,500,000



Pratt Siding Road

Project Status Update –ROW Acquisition

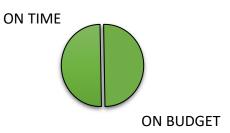
- Paving 1.5 mile long 2 lane dirt roadway from CR 115 to US 1.
- Joint FDOT and County Funding
- Design completed.
- Right-of-Way acquisition is underway.
- Project is scheduled for construction completion in 2024.



Engineering Firm:	EltonAlan		
Contractor:	TBD		
CEI:	TBD		
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Project Manager:	Robert T. Companion, PE
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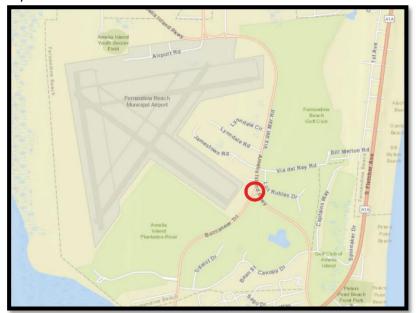
Original Budget:	\$1,782,500
Revised Budget:	\$3,382,500
FDOT SCOP:	\$1,100,000
County Funding:	\$2,282,500
Total Committed Cost:	\$272,582



Amelia Island Parkway and Buccaneer Trail

Project Status Update – **Under Design**

- Construct a roundabout to improve the intersection function and safety.
- County Funding Mobility Project
- Design is Underway.



Engineering Firm: TBD Contractor: TBD

CEI: TBD

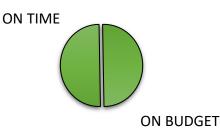
Project Manager: Robert T. Companion, PE

Original Budget: \$448,969

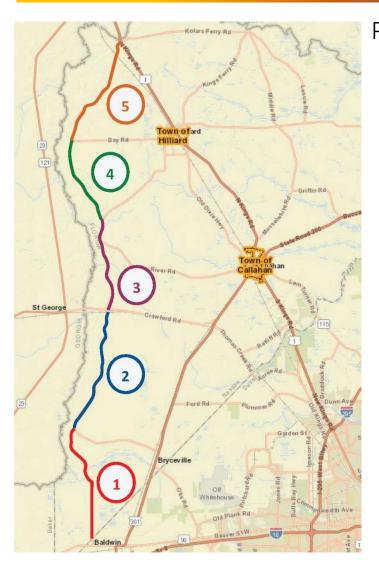
FDOT Funding: \$0

County Funding: \$448,969

PROJECTS IN PLANNING



CR 121 Safety Improvements



Project Status Update – Awaiting Agreement

- Reconstruction and resurfacing of roadway from Duval County to CR 119 (Phase 1).
- Resurfacing from CR 119 to US 1 in Boulogne (Phase 2).
- Design completion in 2023 (Phase 1)
- Construction completion in 2023 (Phase 1)
- Design completion in 2024 (Phase 2)
- Construction completion 2025 (Phase 2)

Engineering Firm: TBD
Contractor: TBD
CEI: TBD

Project Manager: Robert T. Companion, PE

Phase 1

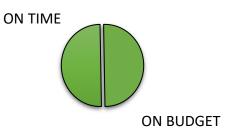
Budget: \$9,000,000 FDOT GAA: \$9,000,000

County Funding: \$0
Total Committed Cost: \$0

Phase 2	(Pending FDOT	Agreement Execution)
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Budget: \$9,000,000 FDOT GAA: \$9,000,000

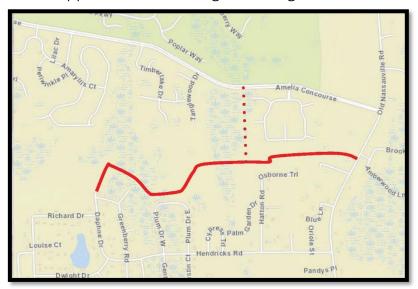
County Funding: \$0
Total Committed Cost: \$0



Hendricks Road Extension

Project Status Update - Planning

- Provide a connection from the western end of Hendricks Road back to CR 107.
- County Funding Mobility Project
- Design to commence in 2023.
- Right-of-Way acquisition is approved and moving to closing.



Engineering Firm: TBD
Contractor: TBD
CEI: TBD

Project Manager: Robert T. Companion, PE

Original Budget: \$1,031,376

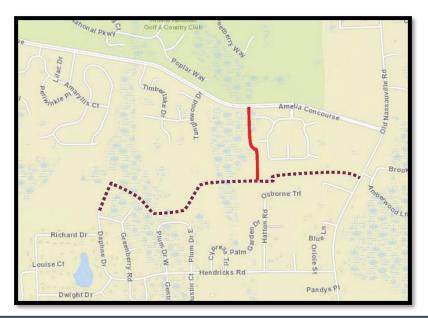
FDOT Funding: \$0

County Funding: \$1,031,376

New Road from Hendricks to Amelia Concourse

Project Status Update – Planning

- Provide a connection from the Hendricks Road Extension to Amelia Concourse.
- County Funding Mobility Project
- Design to commence in 2023.



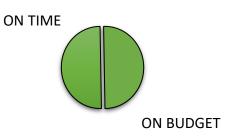
Engineering Firm: TBD
Contractor: TBD
CEI: TBD

Project Manager: Robert T. Companion, PE

Original Budget: \$200,054

FDOT Funding: \$0

County Funding: \$200,054



Sundberg Road Improvements

Project Status Update – Planning

- Pave the existing dirt roadway from Andrews Road to CR 121.
- County Funding Mobility Project
- Survey complete
- Design to commence in 2023.



Engineering Firm: TBD
Contractor: TBD
CEI: TBD

Project Manager: Robert T. Companion, PE

Original Budget: \$881,374 FDOT Funding: \$0

County Funding: \$881,374





Justice Center Repairs and Maintenance CIP Projects

ON BUDGET

- Justice Center Parking Lot Repairs

 CIP included repairing, resealing and restriping the asphalt parking areas within the Justice Center complex.

 Last phase: Scheduling last asphalt repair once materials available.
- Justice Center LED Light Conversion

 All fluorescent lighting will be converted to LED lighting to increase the facility lighting efficiencies. In-House project by Nassau County Electrical Division. (2/3 completed)
- Justice Center Front Plaza Rehab

 CIP repaired cracks and expansion joints with-in the concrete walkways to the Justice Center main entrance.

 Completed October 2022.

Contractor: Various **Tony Lombardi Project Manager:** *JC Parking Lot/LED Budget \$240,000 **Budget expenditures** -\$ 52,745 \$187,255 Balance *JC Front Plaza Rehab Budget \$ 79,978 **Budget Expenditures** -\$69,466 \$ 10,512 Balance



Overall Budget (combined): \$319,978

Combined Budget Used: \$122,211

Budget Remaining: \$197,767

Emergency Services Repairs and Detention Center CIP Projects



Emergency Operations Center Brick Delamination

CIP repaired the brick facade and prevent future moisture and water infiltration. Completed - September 2022

Budget \$134,500 Expenditures -\$44,866 Balance \$89,634

911 Call Center Awning – Completed

CIP will provide protection for the staff and citizens entering or leaving the building during inclement weather conditions. **Completed December 2022**

Budget \$55,476 Expenditures -\$11,596 Balance \$43,880

Sheriff's Vehicle Maintenance Garage

CIP will provide spray foam insulation with upgrades and new installations to the HVAC Mechanical System. In process – Under contract, contractor waiting on materials

Budget \$198,733 Expenditures - \$0 Balance \$198,733

Detention Center Shut-off Valve and Re-piping
 CIP will replace the failing water supply pipe systems throughout the facility to ensure uninterrupted operations.
 Completed - September 2022

Budget \$97,456 Expenditures - \$97,156 Balance \$300







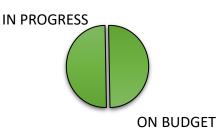
Contractor: Various

Project Manager: Tony Lombardi

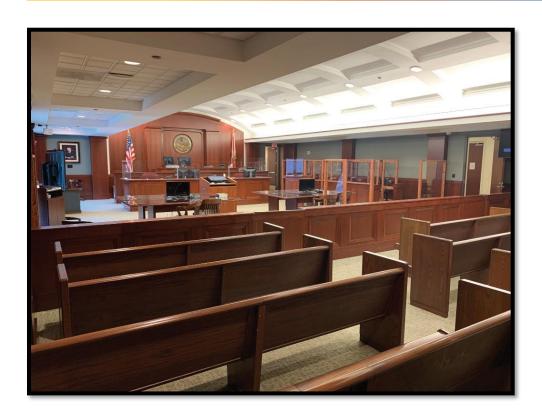
Overall Budget: \$486,165

Emergency Services:

Budget Used: \$153,618 Budget Remaining: \$332,547



Justice Center New Courtroom Expansion



- The Justice Center Courtroom Buildout will consist of building out the courtroom shell #3 for future court growth
- Prepping for construction RFP
- Project completion 2024
- Final Construction Plans
 - Construction documents being completed -PQH

Contractor: PQH
Project Manager: Jeff Little
Grant: \$750,000
County Portion: \$750,000

Budget Used: \$ 52,012 Budget Remaining: \$1,447,988



Historic Courthouse-Generator Installation

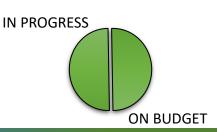
- Historic Courthouse-Generator Installation has been completed as of September 2022.
- Installation of a trailer mounted 350kw generator allows for full building operation during extended power outages.



Contractor: Tradewinds Corp
Project Manager: Tony Lombardi

Overall Budget: \$300,000

Budget Used: \$293,717 Budget Remaining: \$ 6,283



NC Fire Station 70 & 90 Replacement

- Construction of 2 replacement Nassau County Fire Stations to include Station 70 and Station 90.
- Fire Stations 70 and 90 will utilize the newly constructed Station 71 architectural plans with minimal site and facility modifications to address each stations specific needs.
- Project is currently in the RFP process
- Station 70 property has been acquired located on Old Nassauville Road.
- Scheduled to go out for rebid in January 2023.
- Working on geo techs and site surveys for construction.



Contractor: TBD

Project Manager: Doug Podiak Overall Budget: \$8,875,000 Budget Used: \$475,000 Budget Remaining: \$8,400,000



IFAS Office (Miner Road County Ext Office)

ON BUDGET

 Currently in the process of scheduling utility final approvals

Proposed January 2023
 Completion



Contractor: In House
Project Manager: Doug Podiak
Overall Budget: \$372,277

Budget Used: \$292,292 Budget Remaining: \$79,985



JPGC Complex HVAC repairs



James Page Government Complex

- HVAC replacement scheduled
 - Waiting on equipment/scheduling

Budget \$141,604 Allocated \$19,034 Balance \$122,570

Public Services

- Evaporator fan replaced/upgraded
- Completed November 2022

Budget \$ 50,400 Allocated \$ 49,967 Balance \$ 433

Project Manager: Les Burnsed Overall Budget: \$192,004

Budget Used: \$ 69,001 Budget Remaining: \$123,003

COMPLETED UNDER BUDGET

Roof Replacements



Roof Replacements

- Bid awarded to Thomas May Construction
 - Yulee Community Center / FR 30
 - Completed June 2022

• Budget \$42,935

Expenditures \$34,935

Balance \$8,000

- Callahan Ballpark Concession Stand
 - Completed September 2022

• Budget \$14,830

Expenditures \$13,830

• Balance \$ 1,000

- Bryceville Ballpark Concession Stand
 - Completed September 2022

• Budget \$18,785

• Expenditures \$<u>17,785</u>

• Balance \$ 1,000

Signal Shop

• Completed September 2022

• Budget \$20,923

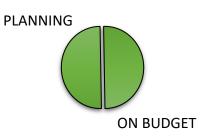
• Expenditures \$19,923

Balance \$ 1,000

Project Manager: Tony Lombardi

Overall Budget: \$ 97,473

Budget Used: \$ 86,473 Budget Remaining: \$ 11,000



Additional CIP Projects – In Process

Solid Waste

- Installation of Modular Office
- Vendor has been selected
- Budget \$195,000

Fire Rescue Storage Building

- Scheduling with procurement for bid process
- Budget \$133,000

Historic Courthouse

- Window Replacement scheduling with procurement for bid process
- Budget \$385,000



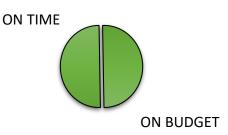




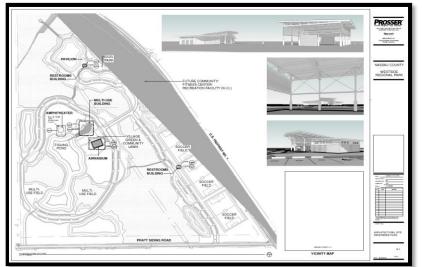
Project Manager: Doug Podiak
Overall Budget: \$713,000

Budget Used: \$0

Budget Remaining: \$713,000



Westside Regional Park



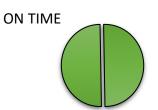




- BOCC approved Lakeside Loop Conceptual Design in 2022
- Ground-breaking ceremony was held on site on March 28, 2022
- Final phases of engineering being completed by Prosser, Inc.
- Land clearing & tree harvesting to take place in early 2023
- Bid documents for project expected to be completed and on the street by Spring 2023

Contractor: Prosser Inc.
Project Manager: Doug Podiak
Overall Budget: \$4,429,056

Budget Used: \$ 234,953 Budget Remaining: \$ 4,194,103



Tributary Community Park

ON BUDGET

- Ribbon cutting held on October 20, 2022
- Phase 1 in final stages of closeout with developer, Greenpointe LLC
- Awarded FRDAP Grant for \$200,000 to begin the engineering & design of 400 ft.
 boardwalk and kayak launch facility in 2023
- Additional phases to be triggered by home sales within the development



Project Manager: Jay Robertson
Overall Budget: \$2,949,845
Developer Portion: \$1,870,245







County Portion: \$1,079,600 Budget Used: \$ 755,421 Budget Remaining: \$ 324,179

ON TIME ON BUDGET

Nassau Crossing Community Park









- Phase 1 recently completed. Amenities completed by Matovina and Co. and landscaping and irrigation completed by the County (C&L Landscaping).
- Ribbon Cutting Ceremony was held on November 5, 2022
 - Approximately \$1.6 million budgeted for 22/23 to complete multiple amenities;
 - o Splash pad project (spring 2023)
 - o Dog park (within 90 days)
 - Sod/irrigate soccer fields (late spring 2023)
 - o Installation of site lighting (summer 2023)
 - Nature overlooks to be completed in early 2023 by developer

Project Manager: Jay Robertson
Overall Budget: \$2,791,000
Developer Portion \$ 924,000

County Portion: \$1,867,000 Budget Used: \$236,338 Budget Remaining: \$1,630,662



Sports Complex Projects

- Hilliard Ballpark Playground awaiting delivery and subsequent installation (\$97,800)
- Musco Sports Lighting purchase and installation at Callahan Soccer Fields currently under procurement review (\$550,000)
- Shade and Bleacher project for existing sports complexes currently under procurement review (\$400,000)
- Bryceville Ballpark playground currently being designed. Expected to be entering into procurement process within the next 60 days. (\$50,000)



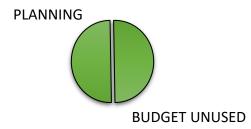




Project Manager: Jay Robertson Overall Budget: \$1,097,800 Budget Used:

Budget Remaining: \$1,097,800

\$0



Boat Ramp Improvements

Melton Nelson Boat Ramp Kayak Launch

CIP Project focus has been on redesign of formulating parking allocations.

- Material list being complete by December 2022.
- Currently in re-design phase.

Holly Point Boat Ramp Improvements

Improvement Project will add extra recreational space and additional parking in the newly acquired .53-acre location to the south of the existing parcel.

 This project is currently under department review for project scope.

Goffinsville Boat Ramp

• Working on scope of project



Project Manager: Jay Robertson

Overall Budget: \$40,000

Budget Used: \$0

Budget Remaining: \$40,000



Holly Point Boat Ramp:

Project Manager: Jay Robertson

Overall Budget: \$303,900

Budget Used: \$0

Budget Remaining: \$303,900



ON BUDGET

Road Department Overlay Program 21/22

Approximately 23.5 miles of roadway overlays have been completed

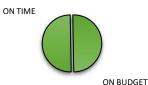
- Will Hardee Road
- Susan Drive
- Magnolia Street
- S 4th Street
- S 5th Street
- Clinch Drive
- Old Nassauville Road
- Bonnieview Road
- Ocean Forrest Drive
- Ocean Forrest Lane
- Cayman Circle
- O'Neil Scott Road
- Arbor Lane
- Rosewood Lane
- Olive Street

- Greenberry Road
- Barnwell Road
- Hendricks Road
- Bailey Road
- Benchmark Avenue
- Duane Road
- Harts Lane
- Harts Road S
- Dove Road
- Roses Bluff Road
- Bill Johnson Road
- Musslewhite Road
- Charlotte Drive
- Thomas Road
- Luther Road
- CR115-A (portion)
- Bloomfield Court





Contractor: CDI: Striping Contractor: Project Manager: Preferred Materials, Inc CDM Smith TRP Construction David Hearn Budget Encumbered: Budget Remaining: Overall Budget: \$3,894,418 \$5,582 \$3,900,000



Road Department Overlay Program -- 22/23

EGANS BLUFF RD

BIG PINE DR

RAINTREE LN

PETUNIA CT

BIG OAK AVE

OLD BLUFF RD

EADY LN

Approximately 23 miles of roadway overlays to be completed:

STERLING CT BENZ PL STERLING LN ACURA CT SPRINGBROOK RD **DELOREAN ST** LAKESIDE DR E DELOREAN CT LASER CT REATTA LN BREAKERS CT MANUCY RD BREAKERS DR SUAREZ BLUFF RD MARSH VIFW I N LINDSEY KAY CT SUMMER TR

PAI METTO TR AMY DR OTTER RUN DR TERRY RD HICKORY PL JEFFERY AVE OTTER CT **RENIA ST** PINEGROVE PL **HAMILTON ST** MAPLE CT MENTORIA RD **OVERLOOK CIR BIG LEAF LN** KINGS FERRY RD LAKESIDE DR N

LAKESIDE DR S **EASTWOOD RD** RIDGEWOOD DR **ROWE RD**

> SHEARD STOKES RD WHITE OAK LN (BIRCH CT)

WHITE OAK PL DEBRA LN IRIS BLVD KERI BLVD GAIL DR

DUCKPOND CT

PERET PLANTATION RD

SPLIT OAK DR RAVENWOOD DR **BROOKWOOD DR** DEERWOOD DR



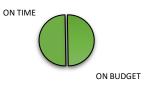


Contractor: TBD TBD **Striping Contractor:** TRP Construction Project Manager: **David Hearn**

Budget Encumbered: Budget Remaining: Overall Budget:

\$4,017,000 \$4,017,000

Double Chip Seal Project



- Double Chip Seal is a three-step project:
 - Step 1 Drainage upgrades performed In-House
 - Step 2 Road Base prep performed In-House
 - Step 3 Double Chip Seal applied by Contractor



Contractor: APS Inc. Budget Used: N/A
Project Manager: David Hearn Budget Remaining: N/A
Overall Budget: \$N/A

ON TIME ON BUDGET

Double Chip Seal Project 20/21 – 21/22

- The Double Chip Seal Project has been completed on all of the roads for 2021 & 2022:
 - Church Ave Bryceville
 - Fouraker Rd Bryceville
 - Lee Stoner Rd Callahan
 - Karen Rd Callahan
 - Lance Rd Callahan
 - Roy Booth Rd Callahan
 - Parks Rd Callahan
 - Ann Drive Callahan
 - Marlee Rd Callahan
 - DB Hicks Rd Bryceville
 - Sheri Ln Bryceville
 - Duck Lake Dr Fernandina
 - Condor Ave Yulee
 - Christopher Ln Fernandina
 - Pirates Bluff Rd Yulee
 - Will Young Rd Yulee
 - Midway Rd Fernandina Beach
 - Hagan Lane Fernandina Beach
 - Plum Loop Yulee
 - Durden Rd Yulee
 - Winona Bayview Rd Yulee
 - Fouracre Cir -- Callahan



ON TIME ON BUDGET

Double Chip Seal Project -- 22/23

- The Double Chip Seal Project is scheduled to be performed on the following roads
 - Oelsner Dr Fernandina
 - Wilder Blvd Fernandina
 - Arbor Ln Fernandina
 - Seymour Ln Fernandina
 - * Frank Ward Rd Fernandina
 - Freeman Rd Yulee
 - Myrtice Rd Yulee
 - Boyd Rd Bryceville
 - D. Fouraker Bryceville
 - Middle Rd Bryceville
 - Lawhon Rd Callahan
 - Debbie Ct Callahan
 - Howard Rd Callahan

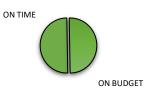


Contractor: Project Manager: Overall Budget: APS Inc. David Hearn \$1,118,824 Budget Used: Budget Remaining:

\$0 \$1,118,824

^{*} Frank Ward Rd is pending Developer Agreement. If the developer is to pave the road, Littleberry Ln will be substituted for Frank Ward Rd.

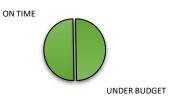
Double Chip Seal Project



- Establishing the 5-Year Plan allows the following:
 - Gives citizens accurate long-range forecast of when roads will be completed.
 - Nassau County projects a 5-year list that is adhered to
 - Allows for early materials purchasing so construction may begin immediately in the fiscal year .
 - We have recently placed a formal bid out for the purchase of culverts. This is the fourth time in two years, with no bidders on the previous three. This presents difficulties in obtaining the necessary materials to complete the projects.
 - Our vendor that supplies Limerock has recently indicated that they are no longer able to supply our orders and we have re-bid the contract.
 - The Road Department found ways to overcome the difficulties and deliver the projects, however, the historic materials costs and lack of materials availability are an ever increasing challenge.
 - Allows better Department planning of work manhours.
 - Having the long range forecast allows the Department to plan for what manpower will be needed to devote to the project and what portion of the year.

Contractor:	APS Inc.	Budget Used:	\$0
Project Manager:	David Hearn	Budget Remaining:	\$1,118,824
Overall Budget:	\$1,118,824	Budget Kemaining:	\$1,118,824

County Wide Road Striping 20/21 - 21/22

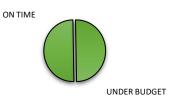


- New striping machine to move small striping jobs in house.
- Budget reduced from \$150,000 to \$50,000 annually.
- Completed Striping:
 - Ratliff Road
 - River Road (from Ballpark Road to Rowe Cutoff)
 - Courtney Isles
 - Crosswalks and Stop bars
 - Safety Improvements at Blackrock Rd & Green Pine Rd
 - Jasmine Street (Citrona to S. Fletcher)
 - Ford Road



Contractor: Project Manager: Overall Budget: In House David Hearn \$100,000 Budget Used: Budget Remaining: \$100,000 \$0

County Wide Road Striping 22/23



- Budget increased from \$50,000 to \$100,000 annually.
- Staff evaluating and quantifying areas to improve Pedestrian and Motorist safety. STOP bars and Crosswalks will be performed in house.
- Anticipated Striping to be Completed:
 - Duane Road
 - Amelia Road
 - CR108 Fast
 - Bypass Road
 - Pages Dairy Road (from US17 to SR200)
 - 14th Street Bike Lane



Contractor: In House Budget Used: \$0
Project Manager: David Hearn Budget Remaining: \$100,00
Overall Budget: \$100,000

Drainage -22/23

- White Oak Place Drainage Improvements Replace all deteriorated Driveways and dig all roadside ditches to improve the drainage in the area. Work to be performed in house. \$51,788 budgeted. Staff is waiting results from the culverts bid to place order for materials and schedule work.
- CR108 & Henry Smith Rd Cross Drain Replacement Project Install Cross
 Drain at the intersection to increase storm water flow and prevent flooding
 issues. Work to be performed in house. \$21,747 budgeted. Staff is waiting
 results from the culverts bid to place order for materials and schedule work.
- Simmons Rd & Will Hardee Drainage Project Install designed underground drainage system to alleviate flooding issues at the intersection. Work to be performed in house. \$104,236 budgeted. Staff is waiting final design and results from the culverts bid to place order for materials and schedule work.

Contractor:	Various	Budget Used:	\$0
Project Manager:	David Hearn	Budget Remaining:	\$177,771
Overall Budget:			

Road Department Apprenticeship Program

Highlights of the Program

- Implementation of "On-Boarding" Safety Training for New Hires
- Permanent Safety/Equipment Trainer position filled, Mr. Joseph Usina
- 12 new Class "A" CDL Holders
- 8 additional Maintenance Operator 2's specializing in Grader, Gradall, Vac-Truck & Bucket Truck. Also, assisting in training for apprentices.
- 6 Maintenance Operator Trainees enrolled in Program receiving training
- Program created a definitive career path for Road Department Employees





Questions?