

Road Dept Monthly Status Report - November 2019
Summary of Work Requests & Work Orders for October 2019

<u>District</u>	<u>Open Work Orders at End of Previous Month</u>	<u>Work Request Received</u>	<u>Work Orders Created</u>	<u>Work Orders Completed</u>	<u>Open Work Orders Carried to Next Month</u>
1	1	4	7	2	6
2	21	24	21	17	25
3	16	16	18	11	23
4	25	17	33	22	36
5	43	19	48	46	45
Sign Related- All Districts	2	9	179	181	0
Totals	108	89	306	279	135

Road Dept Monthly CIP Status Report

For the Month of October 2019

Multiple Districts

Pavement Management Plan (Overlays)

Budget: \$2,500,000

Estimated Completion Date: November 2019

Status: The Board approved the criteria ranking list on February 20th at the Pavement Management Workshop. Staff evaluated the roads and provided the results to the Board at a second workshop in April. Staff started making and installing the first batch of informational signs. Staff forwarded the road list to the paving contractor, Hubbard Construction Co., and the inspection firm, CDM Smith, for their estimates, to begin the requisition process for the Purchase Order and Work Authorization. A pre-construction, and pre-paving meeting was held on June 27th. The inspection firm has been actively doing the prep work of road stationing. The Contractor has prepped the shoulders of the roadways for the overlays. Overlays began in the Callahan area on September 23rd and all of the paving work has been completed, including the addition of Gaines Lane. The remaining work to do is permanent striping and shoulder stabilization and staff anticipates completing the project in November 2019.

District 5

Dornbush Road Outfall Maintenance Project

Budget: \$300,000

Estimated Completion Date: November 2019

Status: Project was selected by BOCC to be completed using funding generated from the millage rate increase. Staff has prepared and received approval of the bid specs. Contract Management placed the project out to bid on March 13th and the bids were opened on April 4th, with Dunmar Group Inc. as the lowest bidder. Staff conducted a preconstruction conference and the Purchase Order has been issued. The contractor has completed construction of the ditch and culvert installation. The ditches have been seeded and staff is awaiting establishment of the grass to close the project out. The contractor has to re-work one section of the ditch in order to get the grass established, staff anticipates close out of this project in November 2019.

Road Dept Monthly CIP Status Report

For the Month of October 2019

District 4

CR 121 Storm Drain Replacement Project

Budget: \$160,000

Estimated Completion Date: January 2020

Status: Project was selected by BOCC to be completed using funding generated from the millage rate increase. Staff has prepared and received approval of the bid specs. Contract Management placed the project out to bid on March 13th and the bids were opened on April 4th with CGC Inc. as the lowest bidder. Staff has scheduled a preconstruction conference for October 8th. Staff will request a start date and schedule from the contractor during this meeting. The project will require a significant detour. The Contractor is finalizing their plans for the detour for the road closure needed. The closure is expected to be no longer than 30 days. The project duration is 90 Days, with an anticipated completion in January 2020.

District 5

Spring Lakes Estates Drainage Maintenance Project

Budget: \$207,000

Estimated Completion Date: December 2019

Status: Project was funded to remedy chronic drainage issues throughout the subdivision. Staff received the Scope of Work from the engineering firm, Peters and Yaffee, Inc in May 2019. The Work Authorization has been approved. The study began in July and has been completed with recommendations that are currently under review. The next phase of this project is the design and bid prep portion. Staff will provide a recommendation of how we should proceed within the next 60 days.

Road Dept Monthly CIP Status Report

For the Month of October 2019

Multiple Districts

Drainage Projects (FY 2019)

Budget: \$900,000

Estimated Completion Date: November 2019

Status: Staff prepared a list of projects that needed drainage work. Staff also obtained estimates for these projects. The following roads/areas are included on the list of potential projects for this funding source: **North Hampton Drainage Repairs, Citrona Avenue Drainage Repairs, DB Hicks Road Drainage Easement Survey, Meadows Lane Drainage Easement Survey and Mulberry Landing Outfall Ditch Maintenance.** Additional projects may be added contingent upon the cost of each of these projects.

To date, **Hilltop Lane Right-of Way Survey** has been completed. The **North Hampton Drainage Repairs** have been completed. The Purchase Order was issued for the **Citrona Avenue Drainage Repair Project** and the Contractor has advised that due to the current conditions of the culvert, they do not believe the lining repair will work. Staff has cancelled the Purchase Order and will prepare the bid specifications for a removal and replacement of the storm drain culvert. This will need to be performed in the summer of 2020 due to the need for an open road cut and road closure. The **Blackmon Road Storm Drain Replacement Project** and the **Eastwood Drive Outfall Ditch Project** will be placed out to bid in October with bids due in November. Staff anticipates beginning the project in early 2020. Staff has also cleaned all the Outfall ditches on **Bismark Road**. The property owner for the **Meadows Lane Drainage Easement Survey** was not willing to provide a permanent drainage easement to Nassau County, however, staff was able to secure a Right-of-Entry and successfully clean 3 outfall ditches to improve the drainage on Meadows Lane. The engineering firm, Peters and Yaffee, Inc., has provided recommendations for the **Mulberry Landing Outfall Ditch Maintenance**. Staff has determined, no additional work is necessary using the recommendation from the Engineering services. Staff was able to purchase a Jetter-Vac Truck with this funding and was delivered the first week of November 2019. Staff rolled forward approximately \$493k to FY2020 for drainage projects that were not able to be bid out in FY2019. Some of these potential projects are **Citrona Drive Storm Drain Repair, Blackmon Road Crossdrain Replacement and Eastwood Drive Outfall Ditch Bulkhead Project.**

Road Dept Monthly CIP Status Report

For the Month of October 2019

Multiple Districts

Drainage Projects (FY 2020)

Budget: \$653,000

Estimated Completion Date: September 2020

Staff will be working with Engineering Services to develop specifications for **Citrona Drive Storm Drain Repair, Blackmon Road Cross Drain Replacement** and **Owens Farm Road Crossdrain Replacement**. Staff anticipates having the final specifications ready to go out to bid in early 2020. Staff also recommends construction take place during the Summer months as not to affect the school travel with road closures needed.

Road Dept Monthly Construction Projects Status Report

For the Month of October 2019

Multiple Districts

Double Chip Seal Upgrade Program

Budget: \$720,000

Estimated Completion Date: Completed 13 Roads

Status: The Double Chip Seal Upgrade Program was approved by the Board on November 26, 2018 and included 27 roads. A preconstruction conference was held with the Double Chip Seal Contractor, Asphalt Paving Systems, on December 18, 2018. Staff has completed 14 roads to date from the original list. A workshop was conducted on June 24th concerning the future of the Double Chip Seal Upgrade Program at which time Road Department staff was directed to terminate Chip Seal activities with Douglas Road as it had already been started. The remaining 13 roads will remain unfinished until further notice. Future workshops are currently being scheduled and projects are suspended at this point and time. Staff will bring a recommendation to the Board in December 2019.

Multiple Districts

Roadway Striping Upgrades

Budget: \$ 150,000

Estimated Completion Date: Completed

Status: This program is designed to refurbish worn striping on County paved roads to provide better visibility of pavement markings to our motoring public. The Recommendation of Award and list of roads to be striped were approved at the June 11, 2018 Board meeting. Striping began August 2018 and has recently been completed under Budget. Staff was able to work with the contractor to perform several small additional striping projects with the remaining funding. Staff has obtained purchase orders for the remaining work to be performed and the Contractor started the work in early September. The work has been completed and the invoice is being processed for payment.

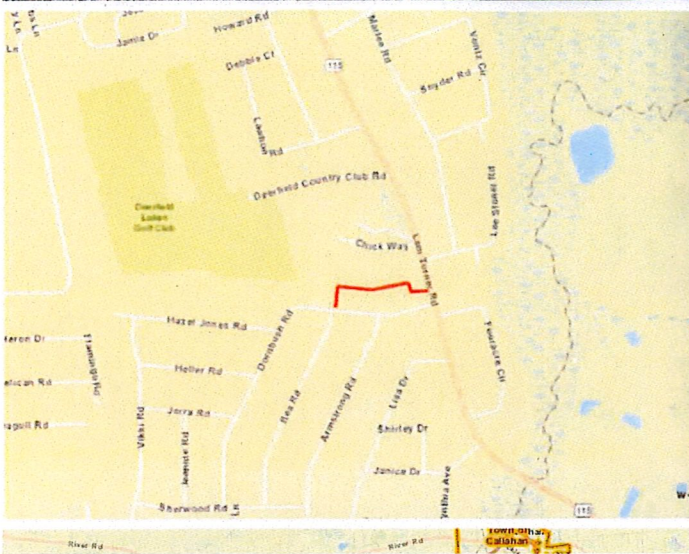


Road Department

Updated Nov 4, 2019

Dornbush Outfall Ditch Repairs

Project Photo



Current Status:

- Ditch Has been surveyed and cleared.
- Ditch has been excavated and graded.
- Culverts have been installed and end-treatments in place.
- Ditches seeded for erosion control

Project Team Members:

Contractor: Dunmar Group

Project Manager: David Hearn

Project

Project Limits:

- Outfall ditch beginning at intersection of Bea Rd. and Dornbush Ave. and ending at Lem Turner Road Right-of-Way

Project Goals:

- Re-grade and slope the existing ditch to improve drainage and ability to maintain.

Construction Activities:

- Clear and Grub trees and brush from drainage easement (50' right-of-way)
- Regrade the ditches with positive flow, raising the elevation in the end section for safety
- Restore all driveways effected by construction activities
- Replace triple cross drain bridge

Project Schedule:

- Construction started in July 2019
- Project duration 90 days
- Anticipated Completion in November 2019