



BOCC AGENDA ITEM

Item Title: Road & Bridge Monthly Status Report - February 2018

Date:

Department: Road & Bridge

Background:

BOCC Required Report

Request:

Road & Bridge Monthly Status Report - February 2018

Financial/Economic Impact to Future Years Budgeting Process or Effect on Citizens:

N/A

Action Requested and Recommendation:

Information Required by BOCC

Is this action consistent with the Nassau County Comprehensive Land Use Plan?

NA

Funding Source:

N/A

Additional Information Needed for Contracts/Agreements (If Applicable)

Contract Number assigned by Contracts Management:

N/A

For non-governmental agencies, has the document been sent to the vendor for signature?

N/A

Does the document need to be recorded? If so, who will pay the recordation fee?

N/A

Are there any special mailing instructions? (Include contact name, address, deadline for submittal, how to mail such as express mail, FedEx, etc):

N/A

How many originals are needed?

N/A

ATTACHMENTS:

Description	Upload Date	Type
Road Dept Monthly Status Report - February 2018	2/8/2018	Cover Memo

Road & Bridge Monthly CIP Status Report February 2018

District 5

Ravenwood Dr Drainage Point Repairs Project

Budget: \$ 69,000

Estimated Completion Date: Pending

Status: The Commission approved as part of FY 15/16 budget on February 22, 2016 meeting. The original Contractor failed to perform the work per the Scope of Work, therefore we terminated the Purchase Order without payment. Staff has reviewed the new video and has contacted vendors for recommendation for repair method. Staff advertised for bids late October 2017 with no response. A separate location with similar defects has been located on the same road. Staff prepared an addendum to the Invitation To Quote and readvertised in early December. *Bids have been received and staff is preparing an Agenda Request to award the bid. Staff anticipates a tentative start date in March of 2018.

*New

District 5

Nassau Oaks Subdivision Outfall Ditch Clearing

Budget: \$ 379,500

Estimated Completion Date: Pending

Status: Approved for CIP FY 2016/17 on July 11, 2016. Both Nassau Oaks Projects are being bid as one project. Bids have been received and the bid tabulation is under review. Staff provided Recommendation of Award for BOCC decision at the December 20th meeting. *Bid has been awarded and Nassau County is waiting on paperwork from contractor to issue Notice to Proceed and hold a Preconstruction Conference. Staff is also obtaining the cost for CEI Services.

*New

Road & Bridge Monthly CIP Status Report February 2018

District 5

Nassau Oaks Subdivision Road Upgrades Project

Budget: \$ 483,000

Estimated Completion Date: Pending

Status: Approved for Mid Year Update CIP FY 2016/17 on February 27, 2016. The project includes installing millings on the dirt roadways, applying a double chip seal to all millings roads within the subdivision and paving the entrance road. Both Nassau Oaks Projects are being bid as one project. Bids have been received and Staff provided Recommendation of Award for BOCC decision at the December 20th meeting. *Bid has been awarded and Nassau County is waiting on paperwork from contractor to issue Notice to Proceed and hold a Preconstruction Conference. Staff is also working on the cost for CEI Services.

*New

Multiple Districts

Storm Drain/Culvert Repair

Budget: \$ 295,000

Estimated Completion Date: Winter 2017

Status: Approved for CIP FY 2016/17 on July 11, 2016. The project was placed out for bid with a due date of January 18, 2017. The Board approved the additional funding requested as part of the Mid-Year CIP update. The Bid was awarded at the June 12, 2017 meeting and staff has received the Purchase Order. Staff had a preconstruction meeting with the vendor on July 24th. Vendor began the work on September 26th. Vendor has indicated completion of 8 of the 11 locations and invoiced for that work. Staff has inspected the locations and reviewed the post-liner video before processing invoices. Vendor has also indicated that they will not be able to line the Will Hardee location due the the condition of the exsiting pipe. Staff is currently working on specifications for replacement of this section of storm drain to be added to the Mid-Year CIP Update. *The remaining two locations are scheduled to be completed by the end of February 2018.

*New

Road & Bridge Monthly CIP Status Report February 2018

District 5

Middle/Griffin Shoulder Repairs

Budget: \$ 494,000

Estimated Completion Date: Pending

Status: *Preconstruction Conference is scheduled for February 7, 2018, a start date and anticipated completion date will be determined at this conference. Florida Infrastructure will be the contractor and CDM Smith will be performing the CEI Inspections for the project.

*New

Multiple Districts

Pavement Management Plan (Overlays)

Budget: \$2,000,000

Estimated Completion Date: Pending

Status: *Staff is preparing the list of recommended roads for Board Approval. Staff anticipates recommendations to be submitted at the February 26th meeting.

*New

Road & Bridge Monthly Construction Projects Status

Report

February 2018

Multiple Districts

Dirt Road Upgrades Project

Budget: \$ 200,000

Estimated Completion Date: Late Winter 2018

Status: The Commission approved additional \$200k budget to perform upgrades to dirt roads throughout the County. The goal of this program is to improve our dirt roads throughout the County by applying stabilized material to our shorter, less populated roads, thus lowering the frequency of the road needing to be graded. This will also allow us to spend more time grading on the longer, more densely populated roads that haven't been upgraded. The Department uses this funding to replace any failing drainage culverts and build up the road with eight (8) inches of stabilized material (clay, limerock & millings). The list of roads for upgrades is as follows: **District 3** – Crews Creek Road and Lang Road. **District 4** – Karnchapking Road and Sheard Stokes Road. **District 5** – Cynthia Avenue and Larsen Road. We have mixed Pratt Siding, Wedgewood Way, Patsy Lane and Bismark Road with a Reclamation machine. Materials have been delivered for the remaining upgrades and have been mixed. Staff has completed the drainage work on Larsen Road, Crews Creek Road, Lang Road and Karnchapking Road. *Material has been hauled to Larsen Road and will be reshaped and compacted in early February. Staff will continue hauling the material to Lang Road, Crews Creek Road, Karnchapking Road then Sheard Stokes Road beginning April 2018 (after Spring Lakes, Ford Road & Kinard Road projects). Staff anticipates completion by late June 2018.

*New

Multiple Districts

Roadway Striping Upgrades

Budget: \$ 150,000

Estimated Completion Date: Completed

Status: This program is designed to refurbish worn striping on our paved roads in order to provide better visibility of roadway striping to our motoring public. All striping for FY 16/17 has been completed and quantities have been verified. *Staff is currently preparing to re-bid the striping contract. Also staff is preparing a list of roads to be striped and will be presenting this to the Board with the recommendation of Award anticipated in March 2018.

*New

Road & Bridge Monthly Construction Projects Status

Report

February 2018

Multiple Districts

Millings on Dirt Roads Project

Budget: \$ 100,000

Estimated Completion Date: Pending

Status: The Commission approved additional \$100k budget to place millings on dirt roads throughout the County. The goal of this program is to eliminate roads needing to be graded. This will also allow us to spend more time grading on the longer, more densely populated roads that haven't been upgraded. The Department evaluates roads using the following criteria for road consideration: Road is less than 1,500 feet in length, with straight-a-ways less than 1,000 feet. We also look for very low populated roads to consider along with this. The Department uses this funding to place a minimum of five inches up to seven inches of compacted millings. The list of roads for upgrades is as follows: **District 3** – Yanie Road. **District 4** – Mt. Olive Road and Henderson Road. **District 5** – R. Jones Road. Staff has completed the millings installation on Mt. Olive Road, Henderson Road Yanie Road and Stewart Avenue. The material for R. Jones Road was used during Hurricane Irma for washed out dirt roads and will be the first road recommended for the FY2018 Dirt Road Upgrades Program. *Staff is recommending combining the funding sources for Dirt Road Upgrades and Millings Road Upgrades into one Double Chip Seal Road Upgrades project for 2018 and future years.

*New

Multiple Districts

Road Patches

Budget: \$ 45,000.00

Estimated Completion Date: To be determined

Status: *The CIP Culvert Lining Project is not yet completed as of this date. The budgeted \$45,000 was not used nor rolled over as we did not have a start or completion date at the end of the budget year.

*New

Road & Bridge Monthly Construction Projects Status

Report

February 2018

District 2

Clements Road Drainage Project

Budget: N/A

Estimated Completion Date: Summer 2018

Status: The Public Works Director and Road & Bridge staff are working with residents in attempting to resolve several drainage issues with the Clements Road Area. Staff has plans to regrade ditches and adjust culverts to improve existing drainage. There are also plans to add Clements Road to the Dirt Road Upgrade Program in the future. *The drainage project should be completed by May 2018. Staff is asking for new Right-of-Entry (ROE) to complete outfall portion of this project.

*New

District 4

Kinard Road Crossdrain Replacement

Budget: \$ N/A

Estimated Completion Date: Winter 2018

Status: A crossdrain on Kinard Road has begun to show signs of failure. The Department has temporarily repaired it and will need to remove and replace the culvert. It is a one way in and out road and will need to be scheduled around the Nassau County School Year Calendar. We anticipated to begin mid-Summer 2017, however, the rains delayed the Construction Project. Staff anticipates installation during Nassau County School's Spring Break (early Spring) 2018 as not to interfere with School Bus traffic.

District 5

Road & Bridge Monthly Construction Projects Status

Report

February 2018

District 5

Spring Lakes Estates Drainage Repairs

Budget: \$ N/A

Estimated Completion Date: March 2018

Status: *Several crossdrains in the Spring Lake Subdivision have failed and need to be replaced. The Department has temporarily repaired them and will need to remove and replace the culverts. The culverts have been ordered and received and staff plans to begin the replacements early February. The project is anticipated to be completed by early March. Staff also will be requesting overlays of these roadways in the pavement management program as not to deplete the normal operating maintenance budget for the asphalt patches that are necessary after the crossdrain replacements.

*New

District 4

Ford Road Drainage Project

Budget: \$ N/A

Estimated Completion Date: Late March 2018

Status: *The crossdrain at the intersection of Carroll Road and Ford Road has failed and needs replacement. Staff has submitted the requisition for a purchase order to be issued and materials ordered. Also, a section of ditch south of Lighthouse Baptist Church suffered extreme erosion and needs to be reshaped, this will also be repaired during the project.

*New

Road & Bridge Monthly Construction Projects Status

Report

February 2018

District 4

Conner Cutoff Drainage Project

Budget: \$ N/A

Estimated Completion Date: Late Summer 2018

Status: *There are several drainage issues that will be addressed with this drainage project, which include culvert replacements, erosion control and coffer dam installations. Staff anticipates beginning this project summer 2018 pending 2018 Dirt Road Upgrade decision.

*New

Multiple Districts

Double Chip Seal Project

Budget: \$ 340,000

Estimated Completion Date: October 2018

Status: *Staff is preparing the recommendations of roads for Board approval. Staff will update when there is an approved Agenda Request and date for approval.

*New

District 5

Logan Road Drainage Project

Budget: \$ N/A

Estimated Completion Date: Pending Right-of-Way Aquisition

Status: * There is no outfall for drainage on Logan Road. Staff has sought permission from the property owner to obtain a right-of-entry then Drainage Easement to open an outfall ditch across their property and reset the roadside ditch drainage and culverts. The owner has verbally indicated approval and is reviewing the language of the right-of-entry.

*New

Road & Bridge Monthly Construction Projects Status

Report

February 2018

District 5

Easy Street Drainage Project

Budget: \$ N/A

Estimated Completion Date: Pending Right-of-Way Aquisition

Status: *Easy Street has a non-functioning drainage system. There is no Nassau County easement for roadway or drainage currently. Staff has obtained a complete list of residents to contact in regards to obtaining a permanent 30 foot easement for roadway and drainage. Staff is drafting a letter to send to all of the residents requesting aforementioned easement.

*New

District 5

Nassau Oaks Drainage Improvements

Budget: \$ N/A

Estimated Completion Date: Pending Completion of CIP Project

Status: *There is a CIP project for Outfall Drainage Improvements and Road Upgrades. Staff will be performing any roadside ditch maintenance (excavation and driveway replacements) needed after the outfall ditches are established.

*New

***District 5**

Larsen Road Drainage Project

Budget: \$ N/A

Estimated Completion Date: Pending Right-of-Way Aquisition

Status: * There is no outfall for drainage on Larsen Road. Staff has sought permission from the property owner to obtain a right-of-entry then Drainage Easement to open an outfall ditch across their property and reset the roadside ditch drainage and culverts. The owner has verbally indicated approval and is reviewing the language of the right-of-entry.

*New