



Nassau County Road & Bridge Department
37356 Pea Farm Road
Hilliard, Florida 32046

J. Scott Herring, P.E.
Public Works Director

MEMORANDUM

TO: Shanea Jones
County Manager

VIA: Scott Herring, P.E.
Public Works Director

FROM: David H. Hearn
Road & Bridge Field Manager

DATE: May 26, 2017

RE: REQUEST TO APPLY SURFACE TREATMENT TO DIRT ROADS

The Road & Bridge Department has successfully completed the Drainage Repair/Upgrade Project in the Swallowfork Subdivision in Callahan. The Department also utilized the remaining funds to place a stabilized mixed material on a portion of the roadways within the subdivision. This mix has upgraded the road and given a good "base" to the roadways, however, due to the amount the roads are traveled (101 residents) and the speed that they are being traveled at, the roads are having to be graded on a weekly basis to blade out the extreme washboard effect. The Department is concerned that the continued maintenance (grading) of the roadways will cause the materials to degrade at a rapid pace.

The Department has met with a vendor which applies surface treatments to paved and dirt roads. The vendor looked at the roadway "base" and believes it to be a very good candidate for a Double Chip Seal Surface Treatment. The Department is requesting the following roads in the Swallowfork Subdivision to be Chip Sealed: Kingbird Drive, Swallowfork Avenue and Mayhaw Lane. These are the main roads within the subdivision and would cost approximately \$146,000. Other roads within the subdivision would be treated in future years through CIP Programs if approved.

The funding is requested as follows:

- Utilize \$100,000 from funds remaining in the Conner Cutoff CIP.
- Utilize the remaining \$46,000 from Road & Bridge operating accounts for the purchase.

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