



Nassau County Road Department
37356 Pea Farm Road
Hilliard, FL 32046

Cameron L Hansen
Road Director

Road and Bridge Department FY 2019 Accomplishments

Construction Projects

Dirt Road Upgrades (All Districts)

- Completed drainage improvements and dirt road upgrades applying Double Chip Seal on 13 roads

Pavement Management Plan (All Districts)

- Completed resurfacing on 5 roads utilizing an overlay method

Drainage Projects:

- Spring Lakes Estates Drainage Study (District 5)
 - Completed drainage study to prepare plans and specs for repair project
- Mullberry Landing Outfall Ditch (District 4)
 - Acquired updated topographical information through Surveyor and Engineer's reports to help manage future maintenance.
- Dornbush Outfall Project (District 5)
 - Reconstructed and regraded outfall ditch eliminating chronic drainage issues

Other Accomplishments

- Filled vacant Supervisor position
- Mowed 396 miles of right-of-way, equaling approximately 1440 acres, for three cycles, totaling 4300 acres, employing roughly 25,000-man hours and 2494.00 equipment hours
- Graded 185 miles of dirt roads approximately 20 times using 2332.47 equipment hours
- Received 723 citizen's work requests and completed 1,633 work orders
- Responded to 38 after hours calls
- Closed out 327 drainage work orders
- Completed 719 sign related work orders
- Placed 210 tons of EZ Street Cold Patch Asphalt mix to repair nearly 1000 potholes
- Chip-sealed 13 roads measuring 3 miles of up-grades
- Replaced 3 miles of striping with an additional 10 school zone upgrades
- Established an inventory of 1,910,606 square feet of County maintained sidewalks
 - Identified and cataloged locations throughout the County requiring maintenance to expediate future repairs
- Partnered with Engineering to design a ranking system for all paved County maintained roads, allowing us to scientifically rank roads to determine order of priority
- Prioritized all work orders to create a process which will allow more efficient time frames for work to be accomplished
- Purchased 3 dump trucks, three pick-ups and a grader as part of the Fleet Replacement Program
- Ordered Jet-Vac truck to clean and camera culvert pipes, eliminating the need to contract out, or replace intact pipes due to clogging

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- Completed 1,050 Fleet Repair Work Orders
- Completed 223 Fleet Pool Requests
- Auctioned 5 items on GovDeals.com

Road and Bridge FY2020 Goals

1. Restructure Department to improve efficiency with maintenance and construction project responsibility
2. Implement new Asset Essentials Work Order System
3. Continue plan to retain vehicles and equipment within the Fleet Replacement Plan as spares, thereby increasing the ability to continue work when primary equipment is down for maintenance
4. Implement Storm Water Management Plan, utilizing Jet-Vac machine.
 - Create cleaning and video schedule as well as GIS map with dates for tracking purposes.