



PAVING the WAY

NASSAU COUNTY ROAD DEPARTMENT MONTHLY NEWSLETTER

ROAD PROJECTS

- LEVEL & OVERLAY:** The FY 2021 Road List has been completed. The Requisitions and Work Authorizations have been approved and issued for the 2022 Road List. A pre-con was held in Early April . There is a Nationwide materials shortage causing a delay. The work began the week of October 15th. Harts Road, Harts Lane, Duane Road, Dove Lane and Roses Bluff Road have all been completed.
- DOUBLE CHIP SEAL PROJECT:** Staff is currently working the 2021 and 2022 Roads. Staff has completed the drainage work on all roads. The Contractor has Chip Sealed all the road. Fouraker Rd, Winona Bayview Rd, Christopher Lane, Duke Lake Dr., Pirates Bluff, Will Young Rd., Durden Rd., Midway Rd., Hagan Lane, Plum Loop and Condor Lane still need to be Fog Sealed.

MOWING

Through strong decisions made by the Board, roadside mowing has been contracted out. The three vendors: Brightview Landscape Services , Inc, Eagle Lawn Care, Inc. and North Florida Lawn Maintenance, Inc., began mowing November 1st, 2021.

By contracting mowing out, it has allowed the Road Department to reallocate manpower and resources to our Drainage, Roadway and Pedestrian Safety Maintenance responsibilities. In addition, Nassau County residents will receive a much higher level of service than we are able to provide with Department forces.

SAFETY PROJECTS

ROADWAY STRIPING: The Road Department placed the Roadway Striping Services contract out for bid. TRP has been awarded the Contract. TRP has ordered the materials and has began the 2021 refurbishments. Staff is working with the contractor and inspecting work completed for 2021 & 2022 refurbishments. Staff is utilizing the Apprenticeship class to refurbish the SCHOOL zone striping throughout the County.

SIDEWALK REPAIRS PROJECT: The Road Department has completed 60 work orders to grind sidewalks and is contracting out approximately 17,000 sf of sidewalk replacements and 195 ADA mat replacements. Jax Utilities Management has began the project replacing 115 Mats and all 17,000 SF of Sidewalk Section Replacements. Contractor is dealing with staffing shortages due to COVID. Contractor has performed all of the damaged section replacements and ADA Mat Replacements. Project is completed.

OCTOBER TOTALS

Work Orders Created	205
LF Ditches Cleaned	1650
LF Storm Drains & Inlets Cleaned	1928
Miles of Dirt Roads Graded	360
Tree Trimming Work Orders Completed	79
Pot Hole Repair Work Orders Completed	15
Traffic Sign related Work Orders Completed	54

ANNOUNCEMENTS

Road Department is still serving the public with a staff shortage of nearly 41%. Crews continue to perform Routine Mowing, Routine Road Grading, Drainage Maintenance, Pot Hole Repair and Tree Trimming. The Department has received all training material and is implementing the Apprenticeship Program . Please contact us at 904-530-6175 for more information.



Road Department

October 2022

Paved Road Overlay Program

Project Photos



Current Status:

- The 2021 Road List has been Completed. The Work Authorizations and Purchase Orders have been approved. There is a Nationwide aggregate materials shortage. The work began the week of August 15th.

Project Team Members:

Contractor: Preferred Materials Inc.
Road Department, CDM Smith, Inc
Project Manager: David Hearn

Project Description

Project Schedule:

- Staff has performed all of the road evaluations. The software firm provided the results to Engineering Services and they have presented the Pavement Management Plan which details the schedule for road overlays for 10+ years.
- Any road prep work will be performed in-house
- 2021 Road List Completed
- 2022 Road List estimates received, staff prepared requisitions and Work Authorizations have been approved
- Striping Contractor has completed the final striping for 2021 Roads
- Harts Rd, Harts Lane, Dove Rd, Duane Rd, Roses Bluff Rd, Benchmark Ave, Durden Rd, Pirates Bluff Rd, Greenberry Rd, Hendricks Rd, Arbor Lane, Old Nassauville Rd, Cayman Circle, Rosewood Lane, Bloomfield Court, Oneill Scott Rd, Magnolia St, 4th Street, 5th Street, Olive Street and Clinch Dr have been completed



Road Department

October 2022

Double Chip Seal Program

Project Photos



Current Status:

- All road have been Chip Sealed. Fouraker Rd, Winona Bayview Rd, Christopher Lane, Duke Lake Dr., Pirates Bluff, Will Young Rd., Durden Rd., Midway Rd., Hagan Lane, Plum Loop and Condor Lane still need to be Fog Sealed.

Project Team Members:

Contractor: Asphalt Paving Systems

Road Department

Project Manager: David Hearn

Project Description

Improve drainage and stabilize road base to place a Double Chip Seal Asphalt Coating on dirt roads

Project Goals:

Perform drainage work and prepare dirt road base for chip seal application

Construction Activities:

- Perform drainage work to include replacing culverts and excavating ditches
- Prepare and compact base layer of lime rock
- Hydroseed ditches and shoulders
- Contractor apply Double Chip Seal Surface Treatment
- Fog Seal Treatment after Double Chip Seal Application

Project Schedule:

- Staff has created two crews to begin the drainage work on October 4th. Drainage work on Fouraker Road, Church Avenue, Lee Stoner Road, Karen Road, Lance Road, Marlee Road, Roy Booth Road, Ann Drive, Parks Road, Duck Lake Drive, Condor Avenue, Will Young Road, Pirates Bluff Road, Plum Loop, Christopher Lane and Fouracre Circle has been completed. A third crew has started the road prep work and completed all of the west side roads with the exception of Fouracre Circle.
- Complete projects (2021 & 2022) October 2022
- Contractor has completed Chip Seal on all the west side roads



Road Department

Drainage Maintenance Accomplishments for October 2022



Work Orders Highlights for October

Culvert Repairs

Staff completed 4 work orders for various driveway repairs. This entailed multiple workers replacing or repairing culverts and repairing driving areas of driveways damaged from drainage issues using 40.04 total man hours. Total cost of Work Orders \$2,975.81

Ditch Cleaning

Staff completed 22 drainage work orders. Digging ditches in various locations from Hilliard to Fernandina. These work orders took a total of 305.25 man hours to complete and cost \$19,219.28

Storm Drain Cleaning

Staff completed 13 work orders for Storm Drain and Culvert Cleaning with the Vac-Con Truck. This entailed 8 workers cleaning drains, using 79.56 total man hours. Total cost of Work Orders \$5,307.07.



Photos—Top to Bottom

Repaired driveway on Armstrong Road.

Cleaning ditch on Johnson Lake.

Repairing washouts at overflow structure in Nassau Lakes.





Road Department

Road Maintenance Accomplishments for October 2022



Work Order Highlights for October

Paved Road Maintenance

- Staff completed 7 work orders for various miscellaneous maintenance. This entailed multiple workers performing various tasks using 216.76 total man hours. Total cost of these work orders was \$14,716.05.
- Staff completed 15 work orders for pot hole repairs. This entailed multiple workers using 93.34 total man hours. Total cost of these work orders was \$4,288.14
- Staff completed 9 work orders for Roadway Shoulder Repairs. This entailed multiple workers repairing shoulders with stable materials using 235.36 total man hours. The total cost of these work orders was \$26,001.84.
- Staff completed 79 work orders for tree/debris removal. This entailed multiple workers using 963.76 total man hours. Total cost of these work orders was \$65,367.56.

Dirt Road Maintenance

- Staff completed 15 work orders, adding additional materials to dirt roads. This entailed multiple workers using 223.59 man hours. The total cost of these work orders was \$39,108.51

Administration

- Staff handled phone calls generating 205 work orders.
- Staff also reviewed and closed out 290 completed work orders.

Photos Top to Bottom

Repairing Shoulders on Crawford Road.
Routine Grading on Daddy Rabbit Lane.
Hydroseeding on Johnson Lake.



Road Department

Traffic Sign Maintenance Accomplishments for October 2022



Road Department Traffic Division

Work Load

Nassau County is responsible for maintenance of over 80,000 Traffic Signs and Markers. This relatively small division of the Department has a very quick response time to repair or replace damaged signs (usually within 24 hrs). The three employees make and install anything from small guardrail markers to large project information signs as well as using the striping machine to perform small striping refurbishment jobs.

Highlights for October

The Traffic Division completed 54 work orders to include cleaning signs, resetting signs, clearing lines of sight around signs, replacing damaged signs, roadway striping and temporary traffic detours. These work orders totaled \$19,195.86 in labor, equipment and materials costs and took 269.26 labor hours to complete.

Photos Top to Bottom

Made and Installed Left Turn with 10 MPH on Old Nassauville.

Apprentice class in combination with the Sign Department at Egan's Bluff Subdivision.

Repaired and Reinstalled Signs at Holly Point Boat Ramp.



Road Department
Fleet Division

Fleet Maintenance Accomplishments October 2022



Work Completed for October

- Performed 44PM's which totaled 44.51 man hours with a cost of \$5,371.79
- Performed 46 non-scheduled maintenance work orders. The work entailed tasks from tightening bolts, repairing tires, changing blades, replacing hydraulic hoses to diagnosing engine malfunctions as well as multiple AC repairs. There was a total of 85.40 man hours used and the work orders totaled \$13,898.79
- Dispensed 1,572.6 gallons of diesel fuel with our service truck which included filling up our off road equipment and some generators.
- The Fleet Division is catching then repairing minor issues during the PM inspections that will keep them from turning into a more extensive repair. This will decrease the overall maintenance cost for all vehicles as the program continues with more inspections and services coming each month.