



# 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 is anticipated to begin the week of August 15th. There was a savings in the overall project budget of \$380,000. Staff is finalizing the Change Order for additional work to be completed from the 2023 list of work.

**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 and Fog Sealed the West side roads and are on schedule to maintain total project completion in September 2022 pending the aggregate shortage.

## 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 begun 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 begun 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.

## JULY TOTALS

Work Orders Created	202
LF Ditches Cleaned	2150
LF Storm Drains & Inlets Cleaned	799
Miles of Dirt Roads Graded	360
Tree Trimming Work Orders Completed	27
Pot Hole Repair Work Orders Completed	11
Traffic Sign related Work Orders Completed	31

## 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

July 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 is delayed but anticipated to begin 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
- Staff has submitted the Change Order for additional work (Olive St, Hilliard Road Dept Complex and CR115-A)



Road Department

July 2022

# Double Chip Seal Program

## Project Photos



## Current Status:

- DB Hicks, Fouraker Rd, Church Ave, Lance Rd, Karen Rd, Lee Stoner Rd, Marlee Rd, Ann Dr, Parks Rd & Roy Booth Rd have been Chip Sealed and Fog Sealed. The crew is now installing the base on the Eastside roads.

## 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.
- Staff has received the required permit exemptions for all roads including the General Permit for Fouracre Circle.
- Complete projects (2021 & 2022) September 2022
- Contractor has completed Chip Seal all west side roads
- Contractor has a delay in obtaining the rock for the Chip Seal of the East side roads



Road Department

# Drainage Maintenance Accomplishments for July 2022



## Work Orders Highlights for July

### Culvert Repairs

Staff completed 9 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 61.72 total man hours. Total cost of Work Orders \$19,893.05.

### Roadside Ditch Cleaning

Staff completed 8 drainage work orders. Digging ditches in various locations from Hilliard to Fernandina. These work orders took a total of 166.94 man hours to complete and cost \$10,629.52.

### Storm Drain Cleaning

Staff completed 7 work orders for Storm Drain and Culvert Cleaning with the Vac-Con Truck. This entailed 8 workers cleaning drains, using 31.72 total man hours. Total cost of Work Orders \$5,684.63.

### Photos—Top to Bottom

Installing Head Wall on Nottingham Drive.  
Installed Cross Drain on Tom Brown Road.  
Repair underground drainage in Timbercreek.





Road Department

# Road Maintenance Accomplishments for July 2022



## Work Order Highlights for July

### Paved Road Maintenance

- Staff completed 2 work orders for various miscellaneous maintenance. This entailed multiple workers performing various tasks using 16.45 total man hours. Total cost of these work orders was \$936.04
- Staff completed 11 work orders for pot hole repairs. This entailed multiple workers using 63.92 total man hours. Total cost of these work orders was \$2,791.10.
- Staff completed 7 work orders for Roadway Shoulder Repairs. This entailed multiple workers repairing shoulders with stable materials using 44.81 total man hours. The total cost of these work orders was \$7,327.91.
- Staff completed 27 work orders for tree/debris removal. This entailed multiple workers using 258.84 total man hours. Total cost of these work orders was \$19,806.22.

### Dirt Road Maintenance

- Staff completed 13 work orders, adding additional materials to dirt roads. This entailed multiple workers using 99.93 man hours. The total cost of these work orders was \$10,184.64

### Administration

- Staff handled phone calls generating 202 work orders.
- Staff also reviewed and closed out 139 completed work orders.

### Photos Top to Bottom

Repaired Shoulders on Radio Avenue

Adding Material to Pratt Siding Road

After hour call to remove tree from Joann Road



Road Department  
Fleet Division

# Fleet Maintenance Accomplishments for July 2022



## Work Completed for July

- Performed 21PM's which totaled 18.53 man hours with a cost of \$1,738.60.
- Performed 54 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 134.750 man hours used and the work orders totaled \$28,008.29
- Dispensed 2,182.5 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.



Road Department

# Traffic Sign Maintenance Accomplishments for July 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 July

The Traffic Division completed 31 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 \$13,490.78 in labor, equipment and materials costs and took 242.66 labor hours to complete.

### Photos Top to Bottom

Installed Turtle Crossing Sign on Clyde Higginbotham Road

Striping at EOC Building

Replaced Adopt a Road Sign on Sadler Road

