

OCEAN COUNTY ENGINEERING DEPARTMENT  
MARK F. JEHNKE, COUNTY ENGINEER  
July 22, 2025



# **JACKSON TOWNSHIP**

## **ENGINEERING UPDATES**

# **JACKSON TOWNSHIP**

## Recently Completed Projects (1 of 2)

- **Stormwater Management, Contract 2022A** (2024)
  - Jackson/Brick/Little Egg Harbor/Lacey/Lakehurst
  - Louisiana Parkway
- **Construction of Traffic Signal at the Intersection of C.R. 526 (West County Line Road) and Brookwood Parkway** (2024)
- **Reconstruction & Resurfacing of Rt. 539, Pinehurst Road, from Horicon Ave to Rt. 528** (2024)
  - Jackson/Manchester/Plumsted
- **Reconstruction & Resurfacing of Certain County Roads, Contract 2020A** (5.55 miles) (2024)
  - Jackson/Lakewood/Plumsted
    - Rt. 527 Cedar Swamp Rd. (Bennetts Mills to Commodore) (1.93 miles)
    - Rt. 571 Cassville Rd. (Rt. 528 to Francis Mills Bridge) (1.85 miles)



# **JACKSON TOWNSHIP**

## Recently Completed Projects (2 of 2)

- **Reconstruction and Resurfacing of County Route 539 from Horicon Avenue to Route 528** (2025)
  - Manchester/Jackson/Plumsted
- **Stormwater Management Contract 2022B** (2025)
  - Jackson/Lakewood/Ocean/Toms River
    - White Road and Cross Street
- **Stormwater Management Contract 2023A** (2025)
  - Jackson/Brick
    - Harmony Road and Hyson Road
    - Leesville Road
    - South Cooks Bridge Road



# **JACKSON TOWNSHIP**

## Active Construction Projects

- **Reconstruction & Resurfacing of Certain County Roads, Contract 2021A**

- Jackson/Brick/Lakewood/Toms River
  - West Veterans Highway (Cassville Road to East Veterans Highway/Cedar Swamp Road) (2.00 miles)

- **Reconstruction & Resurfacing of Certain County Roads, Contract 2022A** (8.40 miles)

- Jackson/Toms River
  - South New Prospect Road, Andover Road to West County Line Road (2.01 miles)
  - Burke Road, Leesville Road to West Commodore Boulevard (1.34 miles)
  - West Veterans Highway, Stump Tavern Road to Cassville Road (1.73 miles)



# **JACKSON TOWNSHIP**

## Upcoming Construction Projects

- **Stormwater Management Contract 2024A**
  - Beachwood/Brick/Jackson/Toms River/South Toms River
    - South New Prospect Road
      - Preconstruction Meeting held July 16, 2025
- **Construction of Traffic Signal at the Intersection of C.R. 9 (Rt. 526/W. Commodore Boulevard) and C.R. 26 (Diamond Road)**
  - Preconstruction Meeting Scheduled for July 23, 2025
- **Rehabilitation of Farmingdale Road Culvert, Structure No. 1511-004, Farmingdale Road over North Branch of Metedeconk River**
  - Preconstruction Meeting Scheduled for July 23, 2025
- **Reconstruction and Resurfacing of Certain County Roads, Contract 2023B**
  - Jackson/Lakewood/Plumsted
    - East Veterans Highway (.78 miles)
    - North Hope Chapel Road (.74 miles)
      - Awarded June 18, 2025



# **JACKSON TOWNSHIP**

## Upcoming Construction Projects

- **New Central Avenue (CR 31) and North Hope Chapel Road (CR 639) Roundabout**
  - Out to bid July 23, 2025



# **JACKSON TOWNSHIP**

## *Projects In Design*

### Traffic Signals

- **Traffic Signal Upgrade, Hope Chapel Road (Rt. 547) & Whitesville Road (Rt. 527)**
  - Advertise 4<sup>th</sup> Quarter 2026
- **New Traffic Signal at Whitesville Road (Rt. 527) & White Road**
  - Advertise 4<sup>th</sup> Quarter 2026
- **New Traffic Signal at Whitesville Road & Faraday Avenue**
  - Advertise 4<sup>th</sup> Quarter 2026
- **Construction of Traffic Signal Upgrades, Contract 2027A**
  - Bennetts Mills Road & Frank Applegate Road/Butterfly Road
    - ❖ Temporary Signal Activation scheduled for the week of August 4th
  - Hyson Road & Harmony Road
  - Construction anticipated to start in 2027



# **JACKSON TOWNSHIP**

## *Projects In Design*

Culverts, Bridges &  
Stormwater Management

- **Replacement of Brewers Bridge, Structure No. 1511-005, Brewers Bridge Road over the South Branch of the Metedeconk River**
  - Advertise September 2026
- **Rehabilitation of Larsen Road Culvert (Structure No. 1511-003), Larsen Road Over North Branch of Metedeconk River**
  - Construction anticipated for 2028
- **Stormwater Management Contract 2025A**
  - White Road
  - Advertise Winter 2025





# JACKSON TOWNSHIP

## *Projects In Design*

Reconstruction &  
Resurfacing  
(1 of 2)



- **Reconstruction & Resurfacing of Route 526 North County Line Road (Jackson Mills Road to Bennetts Mills Road) (2.75 miles)**
  - 4 Traffic Signals
  - Advertise December 2025
- **Reconstruction & Resurfacing of Certain County Roads, Contract 2024C (5.40 miles)**
  - Jackson/Toms River/Brick/Lakewood
    - North Hope Chapel Road (Florence Court to Miller Road) (.80 miles)
    - South Hope Chapel Road (Whitesville Road to East Veterans Highway) (1.05 miles)
    - Advertise October 2025
- **Reconstruction & Resurfacing of Certain County Roads, Contract 2024E (5.10 miles)**
  - Jackson/Brick/Toms River
    - 1 Traffic Signal
    - Bennetts Mills Road (Route 527 to Cooks Bridge Road) (2.85 miles)
    - Advertise December 2025

# JACKSON TOWNSHIP

## *Projects In Design*

Reconstruction &  
Resurfacing  
(2 of 2)



- **Reconstruction & Resurfacing of Certain County Roads, Contract 2025A** (5.35 miles)
  - Jackson/Brick
    - West Veterans Highway (Hawkin Road to Stump Tavern Road) (2.15 miles)
    - Jackson Mills Road (Cedar Swamp Road to N. County Line Road) (1.15 miles)
    - East Commodore Boulevard (Cedar Swamp Road to Jackson Mills Road) (.95 miles)
    - Advertise May 2026
- **Reconstruction & Resurfacing of Certain County Roads, 2025C** (4.35 miles)
  - Jackson/Lakewood
    - Leesville Road (Cassville Road to West Veterans Highway) (3.10 miles)
    - Advertise July 2026

# **JACKSON TOWNSHIP**

## **NJTPA CMAQ- Congestion Mitigation and Air Quality Program (9 Corridors – 36 Signals) (1 of 3)**

*Currently in Progress*



- **County Line Rd (CR 526) from South New Prospect Rd (CR 641) to Jackson Mills Rd (CR 526/638)/ Jackson Mills Rd (CR 638)**
  - South New Prospect Rd (CR 641)
  - Brewers Bridge Rd
  - Villanova Drive
  - Bennetts Mills Plaza (Stop & Shop)
  - Bennetts Mills Rd (CR 636)
  - Bartley Rd
  - Jughandle D
  - Harmony Rd / North Cooks Bridge Rd
  - Huntington Drive
  - Jughandle A
  - Jackson Mills Rd (CR 526/638) / Jackson Mills Rd (CR 638)
  
- **Jackson Mills Rd (CR 526/638) / Jackson Mills Rd (CR 638) from East Commodore Blvd (CR 526) to Chandler Rd / Ely Harmony Rd**
  - East Commodore Blvd (CR 526)
  - Hyson Rd (CR 641) / Smithburg Ct
  - Harmony Rd
  - Chandler Rd / Ely Harmony Rd

# **JACKSON TOWNSHIP**

## **NJTPA CMAQ- Congestion Mitigation and Air Quality Program (9 Corridors – 36 Signals) (2 of 3)**

*Currently in Progress*



- **New Prospect Rd (CR 641) from Hyson Rd (CR 641) / Larsen Rd to Brewers Bridge Rd / Bethel Church Rd**
  - Hyson Rd (CR 641) / Larsen Rd
  - Aldrich Rd / Bennetts Mills Rd (CR 636)
  - Woodlane Rd
  - Brewers Bridge Rd / Bethel Church Rd
- **North Hope Chapel Rd (CR 639) from Cooks Bridge Rd to East Veterans Hwy (CR 528/547) / East Veterans Hwy (CR 528)**
  - Cooks Bridge Rd
  - New Central Ave
  - East Veterans Hwy (CR 528/547) / East Veterans Hwy (CR 528)
- **South Cooks Bridge Rd from Brewers Bridge Rd to Bennetts Mills Rd (CR 636)**
  - Brewers Bridge Rd
  - Westlake Blvd / Thatcher Blvd
  - Manhattan St / Kierych Memorial Dr
  - Bennetts Mills Rd (CR 636)

# **JACKSON TOWNSHIP**

## **NJTPA CMAQ- Congestion Mitigation and Air Quality Program (9 Corridors – 36 Signals) (3 of 3)**

*Currently in Progress*



- **Cross St (CR 626)**
  - East Veterans Hwy (CR 528/547)
  
- **East Veterans Hwy (CR 528/547) from North Hope Chapel Rd (CR 639) to Cross St (CR 626)**
  - North Hope Chapel Rd (CR 639)
  - Cross St (CR 626)
  
- **West Veterans Hwy (CR 528) from Leesville Rd / Don Connor Blvd to East Veterans Hwy (CR 527/528) / Cedar Swamp Rd (CR 527)**
  - Leesville Rd / Don Connor Blvd
  - East Veterans Hwy (CR 527/528) / Cedar Swamp Rd (CR 527)
  
- **Bennetts Mills Rd (CR 636) from Butterfly Rd / Frank Applegate Rd to New Prospect Rd (CR 641)**
  - Butterfly Rd / Frank Applegate Rd
  - Cooks Bridge Rd
  - Manhattan St
  - County Line Rd (CR 526)
  - New Prospect Rd (CR 641)

# **JACKSON TOWNSHIP**

## ***Jackson Township Town Wide Concept Development Project***



- **Review of all County roads to determine the lane configuration and roadway geometry for a 2050 Design Build Year.**
- **Will become the framework for upcoming projects to meet the transportation needs of Jackson Township.**
- **Use findings from recently Completed Transportation Model Update.**
- **Scope of work:**
  - **Data Collection – Updated Township Zoning**
  - **Traffic Data Collection**
  - **Traffic Analysis**
  - **Environmental Screening**
  - **Right-of-way Impacts**
  - **Cost Estimate**
- **Phase1 – September 2025**
- **Phase 2 – 1st Quarter 2026**
- **Final Deliverables: 4th Quarter 2026**

# QUESTIONS?



# THANK YOU