

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)



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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



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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)



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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



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Upcoming Construction Projects

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



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Projects In Design

Traffic Signals



- **Traffic Signal Upgrade, Hope Chapel Road (Rt. 547) & Whitesville Road (Rt. 527)**
 - Advertise 4th Quarter 2026
- **New Traffic Signal at Whitesville Road (Rt. 527) & White Road**
 - Advertise 4th Quarter 2026
- **New Traffic Signal at Whitesville Road & Faraday Avenue**
 - Advertise 4th 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

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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

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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

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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

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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)

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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
- Phase 1 – September 2025
- Phase 2 – 1st Quarter 2026
- Final Deliverables: 4th Quarter 2026

QUESTIONS?



THANK YOU