



*Angel G. Estrada, Chair*  
*Mary D. Ameen, Executive Director*

**ANGEL G. ESTRADA, CHAIRMAN**

**BOARD MEETING AGENDA**

**July 8, 2019**

**10:00 AM**

**Galloping Hill Golf Course**

**3 Golf Drive**

**Kenilworth, NJ 07033**

(Directions on Page 3)

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- A. Open Public Meetings Act Compliance
  - B. Salute to the Flag
  - C. Roll Call
  - D. Approval of Minutes
  - E. Chairman's Remarks
  - F. Executive Director's Report
  - G. Committee Reports/Action Items\*
    - Project Prioritization – Freeholder Kathy DeFillippo, Chair
      1. Endorsement of the Draft FY 2020 Transportation Capital Program (Attachments G.1.a., G.1.b, G.1.c., G.1.d.)
      2. Minor Amendment to the FY 2018-2021 Transportation Improvement Program as Requested by the Port Authority of New York & New Jersey to Utilize Disaster Recovery and Resilience Program Funding (Attachments G.2.a., G.2.b.)
      3. Minor Amendment to the FY 2018-2021 Transportation Improvement Program to Add Federal Funds to the Route 3, Route 46, Valley Road and Notch/Rifle Camp Road Interchange, Contract B Project in Passaic County as Requested by the New Jersey Department of Transportation (Attachment G.3.a., G.3.b.)
    - Planning and Economic Development – Freeholder John Bartlett, Chair

\* Following the Committee Reports, there will be an opportunity for public comment prior to any Action Item vote.

- Freight Initiatives – Freeholder Charles Kenny, Chair
  - Federal Policy Update – Freeholder Matthew Holt
- H. Planning for 2050 Presentation: The Challenges and Opportunities of Growing Racial Diversity in the Suburbs of Northern New Jersey - Myron Orfield, Director, Institute on Metropolitan Opportunity, University of Minnesota Law School
  - I. Public Participation
  - J. Time and Place of Next Meeting: The next meeting of the NJTPA will be held on September 9, 2019 at the NJTPA, One Newark Center, 17<sup>th</sup> Floor, Newark, NJ 07102.
  - K. Adjournment

**Directions to Galloping Hill Golf Course**  
(908) 241-8700

From Points South: Take the Garden State Parkway North to exit 138. Make left turn going South on Boulevard (Route 509), after crossing over Garden State Parkway make right into Galloping Hill Golf Course. Make a right once you enter the site.

From Points North: Take the Garden State Parkway South to exit 138, make right going North on Boulevard (Route 509), cross over Garden State Parkway and make first right for U-Turn. Make left going South onto Boulevard (Route 509), cross over Garden State Parkway and make first right into Galloping Hill Golf Course. Make a right once you enter the site.

From Points West: Follow Route 22 East to Michigan Avenue South. Follow Michigan Avenue South to Boulevard (Route 509), make left and follow Route 509 North over the Garden State Parkway and make first right and make a U-turn. Cross back over the Garden State Parkway and make your first right into Galloping Hill Golf Course. Make a right once you enter the site.

From Newark Airport and points East: Take Route 1&9 North to Route 22 West. Follow Route 22 West to Garden State Parkway South. Take the Garden State Parkway South to exit 138, make right going North on Boulevard (Route 509), cross over Garden State Parkway and make first right for U-Turn. Make left going South onto Boulevard (Route 509), cross over Garden State Parkway and make first right into Galloping Hill Golf Course. Make a right once you enter the site.



Angel G. Estrada, Chair  
Mary D. Ameen, Executive Director

## ANGEL G. ESTRADA, CHAIR

### Board Meeting Minutes

May 13, 2019

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#### A. Open Public Meetings Act Compliance

Chairman Angel Estrada, Freeholder, Union County called the meeting to order at 10:00 a.m. Beverly Morris reported that, in accordance with the Open Public Meetings Act, Chapter 231, P.L.1975, adequate notice of this meeting had been forwarded to the *Star Ledger*, the *Asbury Park Press*, the *Courier News*, the *Daily Record*, the *Home News Tribune*, the *Jersey Journal*, *New Jersey Herald*, and *The Record*. It was posted in the Essex County Hall of Records, Newark, New Jersey, and on the bulletin board of the Lieutenant Governor, Trenton, New Jersey.

#### B. Salute to the Flag

Chairman Estrada led the Board of Trustees in the Pledge of Allegiance.

#### C. Roll Call

Following the salute to the flag, Beverly Morris called the roll. Seventeen voting members were present. (Attachment 1).

#### D. Approval of Minutes

A motion to approve the minutes of the March 11, 2019 meeting was made by Morris County, seconded by Hunterdon County and carried with 15 affirmative votes. Somerset County and the Governor's Office abstained.

#### E. Chairman's Remarks

Chairman Estrada announced that, the NJTPA received the final certification report from the Federal Transit and Highway administrations, following the on-site review last fall, and the NJTPA's transportation planning process meets and/or exceeds most federal planning requirements. He said that the agency received several commendations for its work in various areas but noted that that the certification report includes one corrective action concerning Title VI documentation requirements, and NJTPA staff is already working to address it.

Chairman Estrada said the House Transportation and Infrastructure (T&I) Committee recently held a field hearing on the future of the Hudson River Tunnel and Portal Bridge projects at the Port Authority of New York & New Jersey (PANYNJ) offices in Manhattan. He and Freeholder John Bartlett, Passaic County, attended the meeting, and Congressman Malinowski, Congressman Payne, and Congresswoman Sherrill were there. The session was led by Congressman Peter DeFazio of Oregon, who chairs the T&I Committee. New York Representative Nita Lowey, who chairs the House Appropriations Committee, also participated.

The Chairman said all agreed that the trans-Hudson infrastructure projects are critical to the national economy and national security. While in New York, Representative DeFazio said the next authorization bill will include the Hudson River tunnels and Portal Bridge on a list of projects of national significance. He also said he would support legislation declaring that the tunnels' Record of Decision—which is currently stalled with USDOT—is completed.

The Chairman noted that it was Infrastructure Week, when a diverse and nonpartisan coalition of businesses, workers, elected leaders, and citizens advocates for the renewal of America's roads, bridges, rail, and ports, as well as water, power, and communications infrastructure.

#### **F. Executive Director's Report**

NJTPA Executive Director Mary D. Ameen elaborated on the Chairman's announcement concerning the federal certification review. She said, aside from one corrective action, overall, the certification report gives the NJTPA high marks for its work and the Board's support and involvement in the process. She said the agency received commendations that recognize the Unified Planning Work Program development process and internal controls; transparency on projects through the online project information system, NOTIS, and year-end obligation reports; development of the PRIME database for study findings and recommendations; freight planning expertise and coordination of freight planning at the state and local levels; and support for transportation technology deployment. Ms. Ameen said the draft certification report also included several recommendations for improving the planning process, and many of them have either already been addressed or are in progress.

Ms. Ameen stressed that the corrective action concerning Title VI / Civil Rights compliance requires better documenting Title VI policies, activities and programs on an ongoing basis, and the NJTPA is already developing a formal Title VI plan and taking other steps to address this issue.

Ms. Ameen noted that the certification review found that the NJTPA has effective coordination with neighboring Metropolitan Planning Organizations (MPOs) in the state and larger metropolitan region. The NJTPA coordinates with nine MPOs from New Jersey, New York, Connecticut, and Pennsylvania through the Metropolitan Area Planning (MAP) Forum.

Ms. Ameen said that new Street Smart NJ branding is underway, and the overall theme is "Drive Smart, Walk Smart, Be Street Smart." Related messages include: "We stop for people," "We slow down for safety," "We use cross walks," and "We look before crossing." She said new partnerships will help to spread these messages. The NJTPA recently filmed a public service

announcement with the New Jersey Devils, who will be helping to promote that video. New corporate partners include ShopRite, New Jersey American Water, and Suez Water Company, who will be getting the word out to their customers. She thanked the PANYNJ for promoting Street Smart NJ at PATH stations.

Ms. Ameen said TMA-led Street Smart campaigns continue in several towns, including Point Pleasant Borough, Plainsboro, and Morristown. NJTPA staff is working with the Division of Highway Traffic Safety to develop campaigns in Elizabeth, Linden, New Brunswick, and Trenton. May 15 will see the launch of a campaign in Elmwood Park, and the summer shore campaign will begin June 26 on Long Beach Island. Ms. Ameen said the NJTPA Street Smart effort is nearing the initial goal of 100 partner communities. For more information or to get involved, visit [BeStreetSmartNJ.org](http://BeStreetSmartNJ.org).

Ms. Ameen noted that Street Smart and other NJTPA programs were featured at this year's New Jersey TransAction conference in Atlantic City. She thanked Chairman Estrada and Freeholder DeFillippo for moderating NJTPA-led panels on such topics as NJTPA safety programs, subregional studies, and the transit hub pilot program. Other sessions that included NJTPA staff focused on future trends in technology; the State Transportation Innovation Council; federal policy and funding; real-time data; and federally funded project development.

Ms. Ameen said the NJTPA hosted an interactive American Logistics Aid Network disaster recovery simulation in April, and Freight Initiatives Committee Chair, Freeholder Charles Kenny, Middlesex County, welcomed the participants and took part in the exercise. She said simulations like this aim to help improve resiliency, which is a key goal of the NJTPA long-range plan.

## **G. Committee Reports/Action Items**

### **Project Prioritization – Freeholder Kathryn A. DeFillippo, Chair**

Freeholder DeFillippo said the Committee considered five actions at the April joint committee meeting. Four involve amendments to the current Transportation Improvement Program (TIP). The first involves a set of minor amendments that will add federal funds to three projects, two of which are currently programmed with state funds, as follows:

- The Route 15 Southbound, Bridge over the Rockaway River project in Morris County is part of a federal multi-solicitation list and must have the following future phases of work programmed with \$11 million in federal funding: design in Fiscal Year 2019, right-of-way in 2021, and construction in 2022.
- For the Route 46, Canfield Avenue project, also in Morris County, design can be authorized earlier than planned, so \$1 million in federal funds will be added for this phase of work in Fiscal Year 2019, as well as \$300,000 for right-of-way in 2021, and \$4.6 million for construction in 2022.
- The F.R.E.C. Access Road Bridge over Toms River project in Ocean County also can be authorized earlier than planned, so \$1.1 million in federal funds will be added for design

in Fiscal Year 2019, \$100,000 for right-of-way in 2020, and \$3.5 million for construction in 2021.

The Freeholder said the next item is a set of amendments that adds Surface Transportation Block Grant Program funds to the TIP for three projects that are advancing toward authorization, as follows:

- For the County Route 508 (or Central Avenue) Bridge over the City Subway in Newark, \$500,000 will be added for preliminary engineering in Fiscal Year 2019, \$3 million for design in 2021, \$1 million for right-of-way in 2023, and \$20 million for construction in 2024.
- For the County Route 571, Garden State Parkway Interchange 83 Improvements project in Ocean County, \$1 million will be added for preliminary engineering in Fiscal Year 2019, \$1.5 million for design in 2021, \$800,000 for right-of-way in 2023, and \$5.9 million for construction in 2024.
- For the County Route 652 (or Sixth Avenue), Bridge over the Passaic River in Passaic County, \$500,000 for preliminary engineering will be added in Fiscal Year 2019, \$3 million for design in 2021, \$300,000 for the right-of-way in 2023, and \$15 million for construction in 2024.

Funding for these projects has been made available from resources in the Local Preliminary Engineering and NJTPA Future Projects programs.

Freeholder DeFillippo said the third action item concerns the Bayonne Commuter Ferry Pier and Dock Improvements project. The project has received a \$657,000 Federal Transit Administration Passenger Ferry Grant, which must be amended into the TIP. The funds will be used for improvements to the ferry pier and dock. Funding for completing the project, including a ferry terminal, will be provided by the City of Bayonne using Urban Enterprise Zone funds, developer contributions, and Special Improvement District funds.

The Freeholder said the Committee next considered approval of the Air Quality Conformity Determination for the 2018-2021 TIP and Plan 2045. The EPA recently established more stringent ozone standards for the region and required the New Jersey Department of Environmental Protection to develop new ozone budgets in the State Implementation Plan. The Northern New Jersey Air Quality Conformity Determination document demonstrates that implementation of projects in both the current TIP and Plan 2045 will help meet these budgets and the conformity requirements for ozone. She noted that a separate Conformity Determination will be required for the new TIP that will come before the Board in September.

Freeholder DeFillippo said the Committee also considered a modification to the current TIP that adds \$32.4 million in federal funds to the Bridge Deck/Superstructure Replacement Program for six projects:

- The Route 15 Bridge over Main Street, in Sussex County
- The Caven Point Road/National Storage Bridge, in Hudson County

- The Route 78 Bridges over Route 202/206 & Washington Valley Road, in Somerset County
- The Rattlesnake Bridge Road Bridge over Route 78, in Somerset County
- The Old Newark Pompton Turnpike Bridge over Route 202 & Route 23, and the
- The Route 23 Bridges over the NYS&W Railroad in Passaic County.

She said the committee approved this modification and no further action is required.

The Freeholder reported also that the Committee convened a special teleconference on May 6 to consider approval of the 2018 Transportation Alternative Set-Aside Program and the Safe Routes to School Program. The Transportation Alternatives Set-Aside provides federal funds for community-based projects designed to strengthen the cultural, aesthetic and environmental aspects of the nation's intermodal system. Sixteen projects, totaling nearly \$14 million, have been selected for this funding. In addition, New Jersey has opted to continue its Safe Routes to School Program with Transportation Alternative Set-Aside funding, and 11 projects, totaling \$5.8 million have been selected for this program. The Committee recommended approval of the project lists for both programs.

**Action Item 1: Minor Amendments to the FY 2018-2021 TIP as Requested by NJDOT to Add Federal Funds to Three Projects in the NJTPA Region (Attachment 2)**

Tim Sevener, Transit Village of Mount Tabor, commenting on the Route 15 Southbound, Bridge over the Rockaway River project in Morris County, advocated for investing in additional "green transit" passenger rail service instead of more roadway expansion.

A motion to approve the resolution was made by Passaic County, seconded by Sussex County and carried with 16 affirmative votes. The Citizens' Representative abstained.

**Action Item 2: Minor Amendments to the FY 2018-2021 TIP as Requested by the North Jersey Transportation Planning Authority to Add Federal Funds to Three Local Projects (Attachment 3)**

A motion to approve the resolution was made by Hunterdon County, seconded by Essex County and carried unanimously.

**Action Item 3: Minor Amendment to the FY 2018-2021 TIP to Add the Bayonne Commuter Ferry Pier and Dock Improvements Project as Requested by the City of Bayonne (Attachment 4)**

A motion to approve the resolution was made by Hudson County, seconded by Passaic County and carried unanimously.

**Action Item 4: Air Quality Conformity Determination on the FY 2018-2021 TIP and Plan 2045 for the New 2008 Ozone NAAQS (Attachment 5)**

A motion to approve the resolution was made by Somerset County, seconded by Morris County and carried unanimously.

**Action Item 5: Approval of Projects for the 2018 Transportation Alternatives Set-Aside Program and Safe Routes to School Program (Attachment 6)**

A motion to approve the resolution was made by Sussex County, seconded by Morris County and carried unanimously.

**Planning and Economic Development – Freeholder John W. Bartlett, Chair**

Freeholder Bartlett announced the Passaic County Division of Economic Development will host a panel on economic development and infrastructure, May 16 at William Paterson University Business School in Wayne, NJ.

The Freeholder recalled that the Board previously approved performance measures targets for safety; traffic congestion; pavement; bridges; travel time reliability; emissions; and freight. At the April joint meeting the Committee recommended approval of an action item supporting transit asset management targets set by NJ TRANSIT and PATH. He said the action responds to U.S. Department of Transportation rules for implementing performance management requirements of the FAST Act and previous legislation. The rules require state and metropolitan departments of transportation and MPOs to conduct performance-based planning and programming by tracking several performance measures and setting data-driven targets for each measure.

The Freeholder explained that, under the rules, the NJTPA is required to either support the transit agencies' asset performance targets or establish its own. The NJTPA has coordinated with NJ TRANSIT and PATH on their respective targets for assets—including rolling stock, equipment, facilities and infrastructure—and believes that these targets reflect the planning goals for the projects and programs of the Transportation Improvement Program and Plan 2045. He said, at the meeting, representatives from NJ TRANSIT and PATH briefed the Committee on the targets. He noted that, since the April Committee meeting, NJ TRANSIT made minor changes to a few of the numerical targets, based on updated or corrected data, as specified in the Action Summary, but they do not substantively change the nature or intent of the targets that will be supported with the resolution.

Freeholder Bartlett said, also at the April joint meeting, Central Staff updated the Committee on the state and region's progress in expanding adoption of electric vehicles (EVs), and he noted that the NJTPA continues to provide technical assistance on EVs, including work with Middlesex County to identify appropriate locations for chargers and providing data from the 2018 Greenhouse Gas Inventory to Metuchen. Staff will soon work with the City of Newark to help determine locations for chargers.

**Action Item 6: Support for Transit Asset Management Performance Targets Set by the New Jersey Transit Corporation (NJ TRANSIT) and the Port Authority Trans-Hudson Corporation (PATH) (Attachment 7)**

A motion to approve the resolution was made by Hunterdon County, seconded by Union County and carried unanimously.

Chairman Estrada noted that 30 seconds is allowed for comments to the Board concerning the action items. He said while comments are always welcomed, the Board may or may not be able to address them.

**Freight Initiatives – Freeholder Charles Kenny, Chair**

Freeholder Kenny said the April meeting featured an annual update on the region's freight rail services, where strong growth in demand is prompting major rail investments and boosting prospects for attracting new companies and jobs – a key insight delivered by three industry officials at the meeting.

The Freeholder said the first speaker was Timothy Tierney, President & Chief Operating Officer of Conrail Shared Assets, which is jointly owned by Norfolk Southern and CSX. Conrail handles traffic to and from the port and the region for more than 200 customers and interfaces with 11 of the region's 15 smaller short-line railroads. Mr. Tierney said port and intermodal traffic grew 16 percent from 2017 to 2018, and as a result, Conrail is investing \$21 million in rail infrastructure upgrades, including the Waverly Loop project, which is set to go to construction next year. It will add another route for rail freight in and out of the port. Another major project is reconstruction of the Point-No-Point Bridge over the Passaic River, which is planned for construction in 2021.

Freeholder Kenny said the next presenter was Kean Burenga, President and Managing Partner, Chesapeake & Delaware LLC, which operates four short-line rail services in the region. The company has expanded operations on the Dover and Delaware River Railroad to over 109 route miles. This now includes the lease of the Washington Secondary line from Norfolk Southern and trackage rights over several New Jersey Transit lines. The company is undertaking projects to improve the line to better serve existing customers and attract new ones. Of particular importance are upgrades needed to accommodate the national standard cars, which are taller and heavier than older models. These include addressing issues at the so-called "Hole in the Wall" bridge in Phillipsburg, which was one of the NJTPA's first Freight Concept Development projects. Other projects in the pipeline include upgrading interchanges and grade crossings.

Freeholder Kenny said the third presenter was Dan Mulligan, Director of Sales and Marketing, Global Container Terminals. He noted that the ExpressRail Port Jersey on-dock rail facility became operational at half capacity in January and will be operating at full capacity with a total of 9,600 feet of track later this year. The new facility provides the terminal with significant cost and time savings for service to the Midwest and reduces terminal-related truck traffic.

The Freeholder said the committee meeting also included a presentation by Richard Semenick, Associate Vice President of HDR, and consultant on the NJTPA's Freight Rail Industrial Opportunity (FRIO) Corridors Program, which is being finalized. He said the study aims to foster collaboration among private and public entities to address impediments to national rail service to existing and potential customers in the NJTPA region. The study has included significant input and assistance from NJ Transit, the railroads and the counties.

#### **H. Federal Policy Update – Freeholder Matthew Holt**

Freeholder Holt reported that, on April 30, following a high-level meeting with the President, Democratic congressional leaders (including House Speaker Nancy Pelosi and Senate Minority Leader Chuck Schumer) announced that they had reached an agreement with the administration on a \$2 trillion infrastructure package. He said the members of Congress involved characterized the meeting as “very constructive,” however, this was only an agreement in principle, and many details still need to be worked out. One of those details is how to fund this massive infrastructure investment. A future meeting is supposed to provide an opportunity for the administration to share its ideas for funding the \$2 trillion package, but no meeting date has been set. The Freeholder said discussions on how to pay for infrastructure continue, and many members of Congress remain skeptical that any agreement can be reached before the 2020 presidential election.

The Freeholder reported also that the House Appropriations Committee has set spending levels for fiscal year 2020 bills. This includes \$75.8 billion for the Transportation, Housing and Urban Development, and the Related Agencies Subcommittee. If approved, this would be significant increase over last year's funding levels. It would provide an opportunity to preserve or possibly even expand the funds provided to the Surface Transportation Block Grant Program, which is critical to the work of the NJTPA.

#### **I) Planning for 2050 Presentation: Making Infrastructure Everyone's Number One Priority**

Amit Bose, Coalition for the Northeast Corridor (CNEC), briefed the Board on the activities of the organization, which represents transportation and business community stakeholders whose employees rely on the rail corridor to commute and to conduct commerce. The coalition includes major universities, and nonprofits as well. Mr. Bose said the CNEC lends the voices of end-user businesses to those of regional governments and transit groups that speak to Congress. The organization credits its multi-pronged outreach to legislators, including collaboration with institutional partners, with helping to achieve the inclusion of \$400 million for the Federal-State Partnership for State of Good Repair, a new FAST Act program dedicated to the Northeast Corridor (NEC).

Mr. Bose said CNEC tries to advance appropriation funding for Amtrak and other NEC rail lines and are proponents of the NEC Capital Investment Plan – a collaboration of eight states, DC, USDOT, Amtrak and eight commuter rail agencies. He said the Plan focuses on the NEC main line and connecting corridors to Pennsylvania, New York and Massachusetts. Mr. Bose noted that there is a \$40 billion backlog of NEC projects, including four Gateway projects. He

commended the New Jersey Congressional delegation, the Governor's office, and the NJTPA for their efforts for the Northeast Corridor.

**J) Public Participation**

Neile Weissman, Complete George, said North Jersey must plan now for transit options in the event of a trans-Hudson tunnel shutdown, and a key part of such a plan should be to form a regional bike grid to reduce reliance on private cars and mass transit. He gave the example of London, where there is significant investment in cycling infrastructure at transit hubs and implementing bike share programs. He recommended that the region seek an appropriation from the Transportation Trust Fund to support the planning and building of a London-style system.

Tim Sevener, Transit Village of Mount Tabor, said that the NJTPA has promoted transit-oriented development, which is being implemented in several towns, but there is no complementary expansion of transit lines and facilities. He noted that the Morris Line and Boonton Line have experienced service cuts as high as 45 percent. Mr. Sevener recommended that rail rights-of-way be preserved for future passenger rail development, and none solely for recreational trails, but rather "rail with trails." He said no road widenings should be studied without consideration of transit alternatives.

**K) Time and Place of Next Meeting**

Chairman Estrada announced that the next meeting of the NJTPA will be held on Monday, July 8, 2019 at 10:00 a.m., at the Galloping Hill Golf Course, Kenilworth, NJ.

**L) Adjournment**

At 11:25 a.m., motion to adjourn was made by Hunterdon County, seconded by Passaic County and carried unanimously.

**NORTH JERSEY TRANSPORTATION PLANNING AUTHORITY, INC.**  
**Meeting of the Board of Trustees**  
**Attendance Record: May 13, 2019**

<b>Subregion/Agency</b>	<b>Voting Members/Alternates</b>	<b>Staff &amp; Others</b>
Bergen County		Joseph Baladi
Essex County	David Antonio	
Hudson County	Byron Nicholas	
Hunterdon County	Hon. Matthew Holt	
Jersey City	Barkha Patel	Elias Guseman
Middlesex County	Hon. Charles Kenny	George Ververides Tony Gambilonghi
Monmouth County		Inkyung Englehart
Morris County	Hon. Kathy DeFillippo	John Hayes
Newark	Phillip Scott	
Ocean County		
Passaic County	Hon. John Bartlett	
Somerset County	Hon. Brian Levine Walt Lane	Ken Wedeen Andras Holzmann
Sussex County	Hon. Joshua Hertzberg Tom Drabic	
Union County	Hon. Angel Estrada	Liza Betz
Warren County	David Dech	
Governor's Office	Craig Ambrose via phone	
NJDOT	Mike Russo	
NJ TRANSIT	Jeremy Colangelo-Bryan	
Port Authority of NY & NJ	Steve Brown	
Citizen's Representative	Jared Rodriguez	Jeremy Farrell

<b>Other Attendees</b>	
Anna Aleynick	AECOM
Cory Hopweed	Cambridge Systematics
Suzanne Mack	City of Bayonne
Mike Friedberg	Coalition for the Northeast Corridor
Amit Bose	Coalition for the Northeast Corridor
Neile Weissman	Complete George
Jack Kanerek	Dewberry
Cyrenthia Ward	Federal Transit Administration

Mike Hall	Michael Baker
Tim Sevenser	New Jersey Association of Rail Passengers
Peter Palmer	Somerset County
Mike Camerlengo	STV
Various members of Central Staff	NJTPA

**DRAFT RESOLUTION: MINOR AMENDMENTS TO THE FY 2018 – 2021  
TRANSPORTATION IMPROVEMENT PROGRAM AS  
REQUESTED BY THE NEW JERSEY DEPARTMENT OF  
TRANSPORTATION TO ADD FEDERAL FUNDS TO  
THREE PROJECTS IN THE NJTPA REGION**

**WHEREAS**, the North Jersey Transportation Planning Authority, Inc. (NJTPA) has been designated by the Governor of New Jersey as the Metropolitan Planning Organization (MPO) for the northern New Jersey region; and

**WHEREAS**, the NJTPA formally adopted the FY 2018 – 2021 Transportation Improvement Program (TIP) on November 13, 2017; and

**WHEREAS**, the NJTPA on September 24, 2012 approved a Memorandum of Understanding (MOU) among the NJTPA, the New Jersey Department of Transportation (NJDOT), and NJ TRANSIT on procedures to amend and modify the State Transportation Improvement Program and the NJTPA TIP; and

**WHEREAS**, the TIP may be revised any time; and

**WHEREAS**, according to the MOU, the addition of federal funds to a project where State funds are currently programmed, or the addition of a federally funded project into the constrained years of the TIP, constitute minor amendments if the changes do not require a new air quality conformity determination; and

**WHEREAS**, the NJDOT is requesting that the *Route 15 SB, Bridge of Rockaway River (DB# 14414)* project, the *Route 46, Canfield Avenue (DB# 13316)* project and the *F.R.E.C. Access Road, Bridge over Toms River (DB# 15323)* project be amended into the TIP; and

**WHEREAS**, fiscal constraint is maintained because funds have been made available for these projects through the use of project fund releases; and

**WHEREAS**, these minor amendments are exempt from an air quality conformity determination and do not impact the current conformity determination; and

**WHEREAS**, Congestion Management Process requirements do not apply to these actions; and

**WHEREAS**, the FY 2018 – 2021 TIP conforms to the MAP-21/FAST Act performance-based planning requirements; and

**WHEREAS**, consistent with NJTPA public participation procedures, the NJTPA has provided opportunities for review of this action, and

**WHEREAS**, no action authorized by the NJTPA shall have force or effect until ten (10) days, Saturdays, Sundays and public holidays excepted, after a copy of the minutes of the meeting of the Board of Trustees has been delivered to the Governor for review, unless prior to expiration of the review period the Governor shall approve same, in which case the action shall become effective upon such approval.

**NOW, THEREFORE, BE IT RESOLVED**, that the North Jersey Transportation Planning Authority hereby approves the specified amendments to the FY 2018 – 2021 Transportation Improvement Program.

**BE IT FURTHER RESOLVED** that a copy of this resolution is forwarded to the New Jersey Department of Transportation for submission to the Federal Highway Administration.

**DRAFT RESOLUTION: MINOR AMENDMENTS TO THE FY 2018 – 2021  
TRANSPORTATION IMPROVEMENT PROGRAM AS  
REQUESTED BY THE NORTH JERSEY  
TRANSPORTATION PLANNING AUTHORITY TO ADD  
FEDERAL FUNDS TO THREE LOCAL PROJECTS**

**WHEREAS**, the North Jersey Transportation Planning Authority, Inc. (NJTPA) has been designated by the Governor of New Jersey as the Metropolitan Planning Organization (MPO) for the northern New Jersey region; and

**WHEREAS**, the NJTPA formally adopted the FY 2018 – 2021 Transportation Improvement Program (TIP) on November 13, 2017; and

**WHEREAS**, the NJTPA on September 24, 2012 approved a Memorandum of Understanding (MOU) among the NJTPA, the New Jersey Department of Transportation (NJDOT), and NJ TRANSIT on procedures to amend and modify the State Transportation Improvement Program and the NJTPA TIP; and

**WHEREAS**, the TIP may be revised any time; and

**WHEREAS**, according to the MOU the addition of a project into the constrained years of the TIP constitutes a minor amendment if the change does not require a new air quality conformity determination; and

**WHEREAS**, the NJTPA is requesting that the *CR 508 (Central Avenue), Bridge over City Subway (DB# N1605)* project, the *CR 571, Garden State Parkway Interchange 83 Improvements (DB# N1405)* project and the *Sixth Avenue (CR 652), Bridge over Passaic River (DB# N1606)* project be reprogrammed with federal funds; and

**WHEREAS**, fiscal constraint is maintained because funds have been made available for these projects through the use of programmed resources in *Local Preliminary Engineering (DB# N1202)* and *NJTPA, Future Projects (DB# N063)*; and

**WHEREAS**, these minor amendments are exempt from an air quality conformity determination and do not impact the current conformity determination; and

**WHEREAS**, Congestion Management Process requirements do not apply to these actions; and

**WHEREAS**, the FY 2018 – 2021 TIP conforms to the MAP-21/FAST Act performance-based planning requirements; and

**WHEREAS**, consistent with NJTPA public participation procedures, the NJTPA has provided opportunities for review of this action, and

**WHEREAS**, no action authorized by the NJTPA shall have force or effect until ten (10) days, Saturdays, Sundays and public holidays excepted, after a copy of the minutes of the meeting of the Board of Trustees has been delivered to the Governor for review, unless prior to expiration of the review period the Governor shall approve same, in which case the action shall become effective upon such approval.

**NOW, THEREFORE, BE IT RESOLVED**, that the North Jersey Transportation Planning Authority hereby approves the specified amendments to the FY 2018 – 2021 Transportation Improvement Program.

**BE IT FURTHER RESOLVED** that a copy of this resolution is forwarded to the New Jersey Department of Transportation for submission to the Federal Highway Administration.

**DRAFT RESOLUTION: MINOR AMENDMENT TO THE FY 2018 – 2021  
TRANSPORTATION IMPROVEMENT PROGRAM TO  
ADD THE BAYONNE COMMUTER FERRY PIER AND  
DOCK IMPROVEMENTS PROJECT  
AS REQUESTED BY THE CITY OF BAYONNE**

**WHEREAS**, the North Jersey Transportation Planning Authority, Inc. (NJTPA) has been designated by the Governor of New Jersey as the Metropolitan Planning Organization (MPO) for the northern New Jersey region; and

**WHEREAS**, the NJTPA formally adopted the FY 2018 – 2021 Transportation Improvement Program (TIP) on November 13, 2017; and

**WHEREAS**, the NJTPA on September 24, 2012 approved a Memorandum of Understanding (MOU) among the NJTPA, the New Jersey Department of Transportation (NJDOT), and NJ TRANSIT on procedures to amend and modify the State Transportation Improvement Program and the NJTPA TIP; and

**WHEREAS**, the TIP may be revised any time; and

**WHEREAS**, according to the MOU, the addition of a new federally funded project into the TIP constitutes a minor amendment if the changes do not require a new air quality conformity determination; and

**WHEREAS**, the City of Bayonne is requesting that the *Bayonne Commuter Ferry Pier and Dock Improvements (DB# N1904)* project be programmed with federal funds; and

**WHEREAS**, fiscal constraint is maintained because funds have been made available for this project through a Federal Transit Administration Passenger Ferry Grant (Section 5307); and

**WHEREAS**, this minor amendment is exempt from an air quality conformity determination; and

**WHEREAS**, Congestion Management Process requirements do not apply to this action; and

**WHEREAS**, the FY 2018 – 2021 TIP conforms to federal performance-based planning requirements; and

**WHEREAS**, consistent with NJTPA public participation procedures, the NJTPA has provided opportunities for review of this action; and

**WHEREAS**, no action authorized by the NJTPA shall have force or effect until ten (10) days, Saturdays, Sundays and public holidays excepted, after a copy of the minutes of the

meeting of the Board of Trustees has been delivered to the Governor for review, unless prior to expiration of the review period the Governor shall approve same, in which case the action shall become effective upon such approval.

**NOW, THEREFORE, BE IT RESOLVED**, that the North Jersey Transportation Planning Authority hereby approves the specified amendments to the FY 2018 – 2021 Transportation Improvement Program.

**BE IT FURTHER RESOLVED** that a copy of this resolution is forwarded to the New Jersey Department of Transportation for submission to the Federal Highway Administration and Federal Transit Administration.

**DRAFT RESOLUTION: APPROVAL OF THE AIR QUALITY CONFORMITY DETERMINATION ON THE FY 2018-2021 TIP AND PLAN 2045 FOR THE NEW 2008 OZONE NAAQS**

**WHEREAS**, the North Jersey Transportation Planning Authority, Inc. (NJTPA) has been designated by the Governor of New Jersey as the Metropolitan Planning Organization (MPO) for the northern New Jersey region; and

**WHEREAS**, the NJTPA is responsible for conducting the air quality conformity determination for the northern part of New Jersey; and

**WHEREAS**, the United States Environmental Protection Agency (USEPA), under the authority of the Clean Air Act Amendments of 1990 (CAAA), has designated the northern New Jersey region as among the areas in the United States to be in non-attainment with the National Ambient Air Quality Standards (NAAQS) for ozone, as measured by emissions of its precursors: nitrogen oxides (NO<sub>x</sub>) and volatile organic compounds (VOC); and

**WHEREAS**, the transportation plans and programs developed by the NJTPA are required to conform to the purposes of the State Implementation Plan (SIP) as stipulated in sections 174 and 176 (c) and (d) of the Clean Air Act (42 U.S.C. 7504, 7506 (c) and (d)); and

**WHEREAS**, the Federal Highway Administration (FHWA) and the USEPA issued an updated set of regulations in October 2015 (“Final Rule”) that prescribes the necessary emissions analysis and procedures to be performed on transportation plans and programs to determine their impact on air quality; and

**WHEREAS**, the Final Rule requires that the NJTPA determine that its transportation plans and programs conform with the CAAA requirements by meeting criteria described in the Final Rule, which include a detailed Conformity Determination; and

**WHEREAS**, the USEPA has designated two areas of the NJTPA region as nonattainment for the new ozone standard, and the NJTPA must demonstrate conformity by August 3, 2019; and

**WHEREAS**, the Conformity Determination is the outcome of intensive modeling, interagency consultation, and a public outreach process in accordance with the Final Rule; and

**WHEREAS**, this conformity determination was conducted based on the requirements set forth in the Clean Air Act Amendments of 1990 (CAAA); and

**WHEREAS**, the results of the required emissions analysis of the Regional Transportation Plan and the FY 2018 – 2021 TIP show that the implementation of the projects contained therein will result in emissions of VOC and NO<sub>x</sub> in each analysis year that are less than the appropriate “Emissions Budgets” contained in the SIP thus meeting the tests for the northern New Jersey non-attainment areas;

**NOW, THEREFORE, BE IT RESOLVED**, that the North Jersey Transportation Planning Authority, (NJTPA) hereby approves the Conformity Determination on the FY 2018-2021 TIP and Plan 2045 for the new 2008 ozone NAAQS.

**BE IT FURTHER RESOLVED**, that copies of this Resolution, TIP and accompanying Conformity Determination be forwarded to the Federal Highway Administration, Federal Transit Administration, United States Environmental Protection Agency, New Jersey Department of Transportation, NJ TRANSIT, and New Jersey Department of Environmental Protection.

**DRAFT RESOLUTION: SUPPORT FOR TRANSIT ASSET MANAGEMENT PERFORMANCE TARGETS SET BY THE NEW JERSEY TRANSIT CORPORATION (NJ TRANSIT) AND THE PORT AUTHORITY TRANS-HUDSON CORPORATION (PATH)**

**WHEREAS**, the North Jersey Transportation Planning Authority, Inc. (NJTPA) has been designated by the Governor of New Jersey as the Metropolitan Planning Organization (MPO) for the northern New Jersey region; and

**WHEREAS**, Title 23, Section 134 of the United States Code requires that each MPO undertake a transportation planning process that shall provide for the establishment and use of a performance-based approach to transportation decision-making to support national goals; and that each MPO shall establish targets for the performance measures to use in tracking progress toward attainment of critical outcomes for the region and integrate those targets into their planning documents and processes; and

**WHEREAS**, the U.S. Department of Transportation (USDOT) rules on performance management require that MPOs and operators of public transportation coordinate on setting performance targets for the condition of transit system assets; and

**WHEREAS**, both NJ TRANSIT and PATH are operators of public transportation within the NJTPA region; and

**WHEREAS**, the Federal Transit Administration (FTA) has established four sets of national performance measures for transit asset management (TAM): 1) the percentage of revenue vehicles (by type) that meet or exceed the useful life benchmark (ULB), established by each transit operator, 2) the percentage of non-revenue service vehicles (by type) that meet or exceed the ULB, 3) the percentage of facilities (by group) that are rated less than 3.0 on the Transit Economic Requirements Model (TERM) scale, and 4) the percentage of track segments (by mode) that have performance restrictions; and

**WHEREAS**, the FTA has also directed each transit operator to prepare a Transit Asset Management Plan (TAM Plan), outlining how people, processes, and tools come together to address asset management policy and goals, supporting planning, budgeting, and communications to internal and external stakeholders, and providing accountability and visibility for asset management practices; and

**WHEREAS**, NJ TRANSIT and PATH both prepared TAM Plans by October 1, 2018; and

**WHEREAS**, based on the USDOT final rule on metropolitan planning, MPOs must establish targets for transit assets within 180 days of the date that these targets are provided to the MPO by all applicable transit agencies; and

**WHEREAS**, NJ TRANSIT provided its transit asset targets to the NJTPA on November 28, 2018 and PATH provided its transit asset targets to the NJTPA on February 6, 2019; and

**WHEREAS**, the NJTPA coordinated with NJ TRANSIT and PATH on their respective transit asset targets; and

**WHEREAS**, the final rule on metropolitan planning states that MPOs have two options: 1) agree to program investments in support of each transit agency's targets, or 2) set their own quantifiable targets; and

**WHEREAS**, the transit agency's targets appropriately reflect and will serve as suitable benchmarks for the planning goals and desired outcomes for the projects and programs of the NJTPA Regional Transportation Plan and Transportation Improvement Program (TIP); and

**WHEREAS**, the FHWA metropolitan planning rule also requires that MPO TIPs "shall include, to the maximum extent practicable, a description of the anticipated effect of the TIP toward achieving the performance targets"; and

**WHEREAS**, the NJTPA has added language to the FY 2018-2021 Transportation Improvement Program (TIP) on December 19, 2018, discussing these targets and the anticipated effect of the TIP toward achieving these targets; and

**WHEREAS**, no action authorized by the NJTPA shall have force or effect until ten (10) days, Saturdays, Sundays and public holidays excepted, after a copy of the minutes of the meeting of the Board of Trustees has been delivered to the Governor for review, unless prior to expiration of the review period the Governor shall approve same, in which case the action shall become effective upon such approval.

**NOW, THEREFORE, BE IT RESOLVED**, that the NJTPA hereby supports the NJ TRANSIT and PATH targets for the condition of their transit assets; and

**BE IT FURTHER RESOLVED**, that the NJTPA will program investments that support the achievement of these performance targets; and

**BE IT FURTHER RESOLVED**, that a copy of this resolution be forwarded to the New Jersey Department of Transportation and to NJ TRANSIT and PATH for submission to the Federal Transit Administration.

Attachment G.1., July 8, 2019

**DRAFT RESOLUTION: ENDORSEMENT OF THE DRAFT FY 2020  
TRANSPORTATION CAPITAL PROGRAM**

**WHEREAS**, the North Jersey Transportation Planning Authority, Inc. (NJTPA) has been designated by the Governor of New Jersey as the Metropolitan Planning Organization (MPO) for the northern New Jersey region; and

**WHEREAS**, the NJTPA is the MPO responsible for updating the Transportation Improvement Program (TIP) for the northern part of New Jersey as required by 23 CFR Part 450 and 49 CFR Part 613; and

**WHEREAS**, by federal and state law, NJ TRANSIT, the New Jersey Department of Transportation (NJDOT) and the MPOs biennially establish the federal and state revenue levels that each organization will program for projects and programs in the State's Transportation Capital Program (TCP) and the Statewide Transportation Improvement Program (STIP); and

**WHEREAS**, the annual TCP is a list of all highway, bridge, transit, and related projects funded with federal, state, and certain other funds; and

**WHEREAS**, the FY 2020 TCP was developed by NJDOT and NJ TRANSIT and is the foundation for the NJTPA's federally required Transportation Improvement Program (TIP); and

**WHEREAS**, NJTPA Central Staff and the subregions have reviewed the TCP; and

**WHEREAS**, NJDOT, NJ TRANSIT, and the MPOs are permitted to make certain funding adjustments within the budget for the State's TCP and within the STIP, subject to state and federal laws and regulations; and

**WHEREAS**, no action authorized by the NJTPA shall have force or effect until ten (10) days, Saturdays, Sundays and public holidays excepted, after a copy of the minutes of the meeting of the Board of Trustees has been delivered to the Governor for review, unless prior to expiration of the review period the Governor shall approve same, in which case the action shall become effective upon such approval.

**NOW, THEREFORE, BE IT RESOLVED** that the North Jersey Transportation Planning Authority hereby endorses the FY 2020 Transportation Capital Program.

**BE IT FURTHER RESOLVED** copies of this resolution be forwarded to the New Jersey Department of Transportation and NJ TRANSIT for submission to the Federal Highway Administration and Federal Transit Administration.

## Summary of Action Item

### Endorsement of the Draft FY 2020 Transportation Capital Program

**Action Item:** Endorsement of the Draft FY 2020 Transportation Capital Program (TCP).

**Background:** The New Jersey Department of Transportation's TCP is the list of planned road, bridge, transit and related projects and programs in New Jersey, funded with federal, state, and certain other funds. It is the foundation for the NJTPA's required Transportation Improvement Program (TIP).

In the NJTPA region, the TCP includes more than \$2.8 billion in transportation investments. On April 23, 2019, the NJTPA distributed an analysis of the draft TCP to each subregion for review and comment.

Since that time, discussions between the NJTPA, the New Jersey Department of Transportation (NJDOT), NJ TRANSIT and the NJTPA subregions have resulted in changes to the draft TCP, which will be incorporated in the final TCP and draft Transportation Improvement Program (TIP), and are attached for further reference. Additional opportunities for project scheduling and funding adjustments, as well as comments about other contents of the draft TIP, will be provided during the TIP public comment period.

**Justification for Action:** The FY 2020 TCP contains a balanced set of planned investments for the region, given available resources. By endorsing the FY 2020 TCP, the NJTPA will be apprising the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) that it is in concurrence with NJDOT and NJ TRANSIT's proposed projects and programs.

**Staff Recommendation:** Central Staff recommends approval of this action.

**Summary of Changes to the  
Draft FY 2020 Transportation Capital Program  
as of 5/17/19**

The following changes to NJDOT and NJ TRANSIT projects and programs have been made to the Draft FY 2020 Transportation Capital Program (TCP) since the original program was distributed on April 23, 2019. These changes may result in revisions to the FY 2020 Transportation Improvement Program (TIP).

**NJDOT PROJECTS AND PROGRAMS**

**1. Funding Adjustments**

The funding for the following local program has been adjusted as follows:

- **NJTPA, Future Projects (DB# N063)**  
The STBGP-NY/NWK funding is programmed as follows: \$29.075 M in FY 2020, \$42.366 M in FY 2021, \$89.610 M in FY 2022, \$55.910 M in FY 2023, \$50.505 M in FY 2024, \$73.477 M in FY 2025, \$102.347 M in FY 2026, \$104.977 M in FY 2027, \$108.067 M in FY 2028, and \$110.820 M in FY 2029.

Local projects are revised as follows:

- **Church Street Bridge, CR 579 (DB# NS9806)** in Hunterdon County. CON reprogrammed for \$7 M in STATE-NJTPA funds in FY 2022.
- **County Bridge K0607, New Brunswick Road over Al's Brook (DB# N1407)** in Somerset County. CON reprogrammed to FY 2021 from FY 2020.
- **CR 508 (Central Avenue), Bridge over City Subway (DB# N1605)** in City of Newark. PE added in FY 2020 (\$5 M STBGP-NY/NWK).
- **Garden State Parkway Interchange 83 Improvements (DB# N1405)** in Ocean County. PE added in FY 2020 (\$1.0 M STBGP-NY/NWK), DES reprogrammed to FY 2022, ROW in FY 2023, and CON reprogrammed to FY 2025.
- **Gordon Street over "Out of Service" Conrail Branch, Replacement (DB# NS0408)** in Union County. \$9.75 M for CON in FY 2020 in STATE-NJTPA funds.
- **Landing Road Bridge Over Morristown Line, CR 631 (DB# NS9708)** in Morris County. CON increased to \$22 M from \$6.525 M in FY 2021.
- **Market Street/Essex Street/Rochelle Avenue (DB# 98546)** in Bergen County. DES advanced to FY 2020, ROW advanced to FY 2022, and CON advanced to FY 2024 (DEMO funding reinstated for \$1.64 M)
- **Monmouth County Bridges W7, W8, W9 over Glimmer Glass and Debbie's Creek (DB# NS9306)** in Monmouth County. \$1 M added to DES in FY 2020 (\$4 M STBGP-NY/NWK).

- **Openaki Road Bridge** (DB# NS9802) in Morris County. DES added for \$1.0 M in FY 2020 (STBGP-NY/NWK), ROW reprogrammed to FY 2022 and CON reprogrammed to FY 2023.
- **Route 78, Pittstown Road (Exit 15), Interchange Improvements (CR 513)** (DB# NS0309) in Hunterdon County. CON moved to FY 2021 from FY 2020 (\$5 M STATE-NJTPA).

## 2. Projects/Programs Added

The following NJDOT and NJTPA local projects are reinstated/included in the TIP:

- **Pedestrian Bridge over Route 440** (DB# 17356) in Hudson County.  

The purpose of this Concept Development study is to comply with federal regulations, which is to determine the purpose and need of the pedestrian crossing over Route 440; agree to a preferred alternative; and to identify the appropriate environmental document needed to advance the project through the construction work phase.

\$0.5 M for CD in FY 2020, \$0.35 M for DES in FY 2021; \$3.55 M for CON in DEMO in FY 2022; and \$0.22 M in FY 2023 and \$.245 M in OTHER funding for CON.
- **Route 21, Newark Riverfront Pedestrian and Bicycle Access** (DB# 14357) in City of Newark.  

This project proposes to improve pedestrian and bicycle connections between Broad Street and McCarter Highway (Route 21). The project would improve pedestrian and bicycle access between Downtown Newark and the Riverfront, via Center Street/Park Place between Broad Street and McCarter Highway (Route 21). The project would also include new curb and sidewalks, ADA curb ramps, traffic signals, street lighting, street furniture, and bike lanes. The project will replace the existing traffic signals at Broad Street and Rector Street, Broad St and Central Avenue, Park Place and Rector Street, Center Street and Park Place, Center Street, and Mulberry Street. The following special federal appropriations have been allocated to this project: FY05 SAFETEA-LU: \$1,200,000 (ID# NJ139); \$1,500,000 (ID# NJ269); \$2,000,000 (ID# NJ254); and \$4.7 M for ERC in FY 2020 in DEMO funds.
- **Route 66, Jumping Brook Road to Bowne Road/Wayside Road** (DB# 14357) in Monmouth County.  

Identified by the Pavement, Congestion, and Safety Management Systems, this project will address pavement deficiencies, and improve traffic operations and safety, within the project limits. The roadway will be widened to establish two lanes in each direction, with construction of a grass median, to be consistent with the rest of the Rt. 66 Corridor.

\$3.8 M for ROW in FY 2021, \$1.7 M for UTI in FY 2023, and \$19.8 M for CON in FY 2025 in HSIP funds.

- **Route 439, Route 28 (Westfield Ave) to Route 27 (Newark Ave)** (DB# 15395) in Union County.

Initiated from the Pavement Management System, this project will resurface Route 439 within the project limits.

\$0.75 M for DES in FY 2020, \$1.6 M for ROW in FY 2021; and \$5.7 M for CON in FY 2022 in NHPP funds.

The following NJDOT HSIP-funded program is added to the TIP:

- **Safety Programs** (DB# 19370)

This program uses Highway Safety Improvement Program (HSIP) funding to support eligible Safety Engineering Projects and Pedestrian Safety Improvement Projects, including engineering, ROW and Construction activities intended to reduce fatalities and serious injuries on New Jersey roadways. Examples of some of these improvements are: striping, signage, crosswalks, bus shelters, handicap ramps, bicycle accommodations, travel lane modifications and innovative technology, pavement improvements, traffic control signals, roundabouts, road diets, protection or removal of fixed objects, utility pole relocation or replacement, and systematic approaches to installation of land and roadway departure technologies to prevent vehicles from leaving their respective lanes and causing crashes, injuries, and/or deaths.

\$14 M in HSIP funds and \$0.25 M in state funds for ERC from FY 2020 through FY 2029.

As a result, the following HSIP-funded programs have been deleted and are now included in this new line item, Safety Programs (DB# 19370):

- **Route 33, Neptune Boulevard** (DB# 16330) in Monmouth County.
- **Crash Reduction Program** (DB# X242)
- **Intersection Improvement Program (Project Implementation)** (DB# 98333)
- **Pedestrian Safety Improvement Program** (DB# 06401)
- **Segment Improvement Program** (DB# 15807)

### 3. Phase of Work Advanced

The following projects are advanced:

- **Route 21, Lafayette Street to On Ramp at Interchange 7** (DB# 15377) in the City of Newark, Essex County. CON (\$4.05 M NHPP) advanced to FY 2020 from FY 2021.
- **Route 206, Valley Road to Brown Avenue** (DB# 780A) in Somerset County. Multi-year CON funding advanced to FY 2021-2023 from FY 2024-2026. Overall CON funded decreased from \$55 M to \$46 M.

#### 4. Additional Funding

The following projects were provided additional funding:

- **Route 1, NB Bridge over Raritan River** (DB# 15303) in Middlesex County. Funding source changed from state (\$ 4 M) to NHPP (\$7.5 M) for DES in FY 2022.
- **Route 94, Pleasant Valley Drive to Maple Grange Road** (DB# 15391) in Sussex County. CON increased from \$6 M to \$11 M (STBGP-FLEX) in FY 2022.

The following program reflects increased funding:

- **Rail-Highway Grade Crossing Program, Federal** (DB# X35A1). Additional RHC sub-allocated funds have been added in FY 2020-2022 for NJTPA region and statewide program.

#### 5. Phase of Work Added

The following projects have a phase of work added. Completion dates are unchanged:

- **Kapkowski Road - North Avenue East Improvement Project** (DB# 17339) in Union County. CD added for \$.51 M of DEMO funds in FY 2020, PE removed, \$1.2 M of DEMO funds for DES in FY 2021, and \$12.1 M of DEMO funds for CON in FY 2023.
- **Paterson Plank Road (CR 681), Bridge over Route 3 at MP 10.04** (DB# 16307) in Hudson County. PE added in FY 2020 (\$1 M STBGP-OS-BRDG) and DES added in FY 2021 (\$1.3 M STBGP-OS-BRDG).

#### 6. Phase of Work Delayed

The following projects include a phase of work delay:

- **ADA North, Contract 2** (DB# 15412) in Morris and Sussex Counties. DES added for \$.64 M in state funds in FY 2020. CON funds have been reprogrammed to FY 2021.
- **Route 4, River Drive to Tunbridge Road** (DB# 12431A) in Bergen County. CON reprogrammed from FY 2020 to FY 2021 (\$7.35 M in NHPP funds).
- **Route 130, Westfield Ave. to Main Street** (DB# 11309) in Middlesex and Mercer Counties. CON funds have been reprogrammed from FY 2020 to FY 2021.

## 7. Funding Decrease

The following projects reflect decreased costs:

- **Route 3, Route 46, Valley Road and Notch/Rifle Camp Road Interchange, Contract B** (DB# 059B) in Passaic County. Multi-year funding has decreased by \$11.363 M in NHPP funds for CON.
- **Route 46, Bergen Boulevard to Main Street** (DB# 12428) in Bergen County. CON has decreased from \$7.55 M to \$5.3 M in NHPP funds in FY 2020.
- **Route 206, Doctors Way to Valley Road** (DB# 780B) in Somerset County. CON funding decreased from \$38.25 M to \$32 M in NHPP funds in FY 2020.

The following programs reflect decreased estimated costs and funding needs:

- **New Jersey Rail Freight Assistance Program** (DB# X34). This is now a state-funded program (\$25 M per year from FY 2020 through FY 2029).
- **Rail-Highway Grade Crossing Program, State** (DB# X35A). \$1 M in State funds from FY 2020-2022.
- **Transportation Alternatives Program** (DB# X107). This program is now reprogrammed with additional sub-allocated funds (TA-Allen and TA-PGH/NWB).

## 8. Funding Source Change

The following NJDOT project has a funding source change:

- **Route 9, Main Street** (DB# N1903) in Middlesex County. CON is programmed with \$15 M of State funds in FY 2020.

## NJ TRANSIT PROJECTS AND PROGRAMS

### 9. Prior Year Funding Changes

Prior year funding adjustments will be made to the following FY 2018 NJ TRANSIT TIP programs and reported in the draft FY 2020 TIP:

- **Bus Acquisition Program** (DB# T111)
- **Bus Support Facilities and Equipment** (DB# T08)
- **Ferry Program** (DB# T700)
- **Hudson Bergen and Newark LRT System** (DB# T87)
- **Lackawanna Cutoff/MOS Project** (DB# T535)
- **Light Rail Vehicle Rolling Stock** (DB# T550)
- **Locomotive Overhaul** (DB# T53E)
- **NEC Elizabeth Intermodal Station Improvements** (DB# T600)
- **NEC Improvements** (DB# T44)
- **New Brunswick Station Platform Ext. and Elevator Improvements (Liberty Corridor)** (DB# T532)

- **New CMAQ Bus and Rail Service** (DB# T126)
- **NJ TRANSIT Grid Project** (DB# T910)
- **Other Rail Station/Terminal Improvements** (DB# T55)
- **Perth Amboy Intermodal ADA Improvements** (DB# T630)
- **Preventive Maintenance-Bus** (DB# T135)
- **Preventive Maintenance-Rail** (DB# T39)
- **Rail Rolling Stock Procurement** (DB# T112)
- **Rail Support Facilities and Equipment** (DB# T37)
- **Section 5310 Program** (DB# T150)
- **Section 5311 Program** (DB# T151)
- **Signals and Communications/Electric Traction Systems** (DB# T50)
- **Small/Special Service Program** (DB# T120)
- **Transit Enhancements/Transportation Alternatives Program (TAP)/Alternative Transit Improvements (ATI)** (DB# T210)

#### **10. Misc. Program Changes**

- **Portal Bridge North** (DB# T538) has received an additional \$25 M in OTHER funds.
- **Private Carrier Equipment Program** (DB# T106) increased from \$3 M to \$4 M.
- **Bus Vehicle and Facility Maintenance/Capital Maintenance** (DB# T09) is removed from the FY 2020 TIP as 400 buses have been replaced and maintenance on the older buses is no longer required.
- **Job Access and Reverse Commute Program** (DB# 199) is removed from the FY 2020 TIP as the program utilizes operating funds.

# FY 2020 Transportation Capital Program



**PPC Meeting  
June 17, 2019**

**NORTH JERSEY TRANSPORTATION PLANNING AUTHORITY, INC.**

## Comparison of the Current FY 2018 TIP-2020 Element to the FY 2020 Transportation Capital Program

(in \$ million)

	2020 Year of FY 2018 TIP (Current TIP As Revised) *			
	Federal	State	Other	Sub-Total
NJDOT Projects and Programs	\$649.498	\$882.770	\$3.867	\$1,536.135
NJ TRANSIT Projects and Programs	\$524.877	\$665.952	\$30.850	\$1,221.679
<b>Total</b>	<b>\$1,174.375</b>	<b>\$1,548.722</b>	<b>\$34.717</b>	<b>\$2,757.814</b>

	Federal	State	Other	Sub-Total
NJDOT Projects and Programs	23.55%	32.01%	0.14%	55.70%
NJ TRANSIT Projects and Programs	19.03%	24.15%	1.12%	44.30%
<b>Total</b>	<b>42.58%</b>	<b>56.16%</b>	<b>1.26%</b>	<b>100.00%</b>

	2020 Year of FY 2020 Transportation Capital Program *			
	Federal	State	Other	Sub-Total
NJDOT Projects and Programs	\$705.450	\$929.298	\$0.581	\$1,635.329
NJ TRANSIT Projects and Programs	\$489.026	\$653.038	\$31.594	\$1,173.658
<b>Total</b>	<b>\$1,194.476</b>	<b>\$1,582.336</b>	<b>\$32.175</b>	<b>\$2,808.987</b>

	Federal	State	Other	Sub-Total
NJDOT Projects and Programs	25.11%	33.08%	0.02%	58.22%
NJ TRANSIT Projects and Programs	17.41%	23.25%	1.12%	41.78%
<b>Total</b>	<b>42.52%</b>	<b>56.33%</b>	<b>1.15%</b>	<b>100.00%</b>

\* NJTPA's share of Statewide Program is estimated at 75%.

Does not include third party revenue sources.

# FY 2020 Transportation Capital Program

## Bergen County Projects

### 98546 Market Street/Essex Street/Rochelle Avenue

Bergen County will be undertaking roadway improvements at the intersection of Market Street, Essex Street, Rochelle Avenue, and Main Street in the Borough of Lodi, and the Townships of Rochelle Park and Saddle Brook. The project will also include the replacement of the Market Street Bridge over the Saddle River. This project will improve safety and traffic operations at this intersection.

Counties: Bergen Municipalities: Maywood Boro Lodi Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	DEMO		\$1.000								
ROW	DEMO				\$0.200						
CON	STBGP-NY/NWK						\$7.360				

### 065C Route 4, Bridge over Palisade Avenue, Windsor Road and CSX Railroad

This is a breakout of the Route 4 Corridor Multi-Bridges and Roadway Improvement project. The project will replace the existing Route 4 Bridge over Palisade Avenue, Windsor Road, and CSX Railroad. Approach roadway work and improvement of Belle Avenue intersection will be part of the project as well.

Counties: Bergen Municipalities: Teaneck Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	NHPP	\$1.500									
UTI	NHPP			\$3.000							
CON	NHPP				\$23.100	\$23.000					

### 08410 Route 4, Grand Avenue Bridge

This project will replace the deck structure of structurally deficient bridge built in 1931. The Westbound right through-lane through the intersection will be eliminated. The existing through lane will be used to provide a deceleration lane, an exclusive merge lane, and an acceleration lane that will introduce the right through-lane after the interchange to improve safety at the ramp terminus. A bus shelter will be constructed at the existing bus stop, along with ADA-compliant curb ramps and sidewalks. Gaps in existing sidewalk will be eliminated.

Counties: Bergen Municipalities: Englewood City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP	\$4.000									
ROW	NHPP			\$1.500							
UTI	NHPP					\$2.100					
CON	NHPP						\$24.800				

### 02346 Route 4, Hackensack River Bridge

Initiated from the Bridge Management System, this project will rehabilitate/replace this structurally deficient and functionally obsolete bridge, built in 1931.

Counties: Bergen Municipalities: Hackensack City Teaneck Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE		\$4.500								
ROW	NHPP			\$1.400							
CON	NHPP						\$36.850	\$36.850			

### 94064 Route 4, Jones Road Bridge

Initiated from the Bridge Management System, this project will rehabilitate/replace this structurally deficient and functionally obsolete bridge, built in 1931.

Counties: Bergen Municipalities: Englewood City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	NHPP	\$0.600									
UTI	NHPP	\$6.000									
CON	NHPP				\$22.000						

**12431A Route 4, River Drive to Tunbridge Road**

Identified by the Pavement Management System, this project will resurface the roadway within the project limits. Safety and ADA elements will also be addressed, including; upgraded traffic signals (some relocations necessary), improved intersection lighting, upgraded/compliant curb ramps, and installation of median impact attenuators.

Counties: Bergen Municipalities: Elmwood Park Boro Fair Lawn Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP	\$7.350									

**93134 Route 4, Teaneck Road Bridge**

Initiated from the Bridge Management system, this project will replace the bridge. Operational and safety improvements to Route 4 will be provided by adding acceleration/deceleration lanes and bus turn outs in both directions.

Counties: Bergen Municipalities: Teaneck Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP			\$13.500							

**14319 Route 17, Bridges over NYS&W RR & RR Spur & Central Avenue (CR 44)**

Initiated by the Bridge Management System, this project will replace the bridge decks.

Counties: Bergen Municipalities: Rochelle Park Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP			\$3.050							
ROW	NHPP					\$3.000					
UTI	NHPP							\$4.000			
CON	NHPP								\$26.000		

**15383 Route 17, Pierrepont Ave to Terrace Ave/Polify Rd (CR 55)**

Federal Resurfacing/Rehab project. MP NB 4.54-5.87, 7.5-8.85; SB 4.49-5.4, 7.5-8.48

Counties: Bergen Municipalities: Rutherford Boro East Rutherford Boro Hasbrouck Heights Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP			\$6.100							

**12428 Route 46, Bergen Boulevard to Main Street**

Initiated from the Pavement Management System, this project will resurface within the project limits.

Counties: Bergen Municipalities: Lodi Boro Hasbrouck Heights Boro Teterboro Boro South Hackensack Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP	\$7.550									

**11415 Route 80, Riverview Drive (CR 640) to Polify Road (CR 55)**

This project will reconstruct 9 miles of I-80 Westbound pavement & structures from milepost 56.4 to 65.4 in Passaic County (Woodland Park Borough and the City of Paterson) and in Bergen County (Elmwood Park Borough, Saddle Brook Township, Lodi Borough and the City of Hackensack). In addition there will be a widening of Rt 80 in the WB direction from MP 58.9 to 60.5. The project limits are from approximately 0.2 mile east of the Squirrelwood Road (CR 636) Interchange in Woodland Park Borough, Passaic County to approximately 0.1 mile west of the S. Summit Rd (CR 57) Interchange in the City of Hackensack, Bergen County. Structures located within the project limits are: 1610-156, 1610-158, 1610-171, 1610-159, 1610-160, 1610-165, 1610-166, 1610-167, 1610-170, 1610-152; 0225-150, 0225-151, 0225-154, 0225-155, 0225-156, 0225-157, 0225-158, 0225-159; 1609-161, 1609-160; 0225-162, 0225-164, 0225-166, 0225-167, 0225-168; 0226-150, 0226-151

Counties: Passaic Bergen Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP			\$10.000	\$18.241						
ROW	NHFP					\$3.160					
CON	NHFP						\$42.677	\$45.338	\$48.151	\$51.126	\$54.271
CON	NHPP						\$37.323	\$34.662	\$31.846	\$28.874	\$23.329



**11407 PANY&NJ-NJDOT Project Program**

Under this program, the Port Authority will provide funding support for improvements to four NJDOT facilities: Route 7, Hackensack River (Wittpenn) Bridge, Route 139 (Hoboken and Conrail Viaducts), Route 1&9T Extension, and Route 1&9 Pulaski Skyway. This program will provide a total of \$1.8 billion from FY 2012 through FY 2016 for these four projects. The Route 7 Wittpenn Bridge will be replaced with a new vertical lift bridge. The total project cost is estimated at \$650 to \$700 million. The project is located in Kearny and Jersey City, Hudson County. The Route 139 Contract 3 project will rehabilitate the Hoboken Viaduct, as well as replace the deck and rehabilitate the superstructure of the Conrail Viaduct. The total project cost is estimated at \$180 to \$200 million. The project is located in Jersey City, Hudson County. The Route 1&9T Extension project, will provide a new roadway parallel to Route 1&9 along the railroad right-of-way in Jersey City. It will provide intermodal connections to the rail yards and divert trucks off the Tonnel Circle and Route 1&9, helping to ease congestion and facilitating goods movement throughout the region. The total project cost is estimated at \$70 to \$80 million. The project is located in Jersey City, Hudson County. The Route 1&9 Pulaski Skyway project will rehabilitate the 3.5 mile-long structure that carries Route 1&9 over the Hackensack and Passaic Rivers, the New Jersey Turnpike, several railroads and industrial facilities. The total project cost is estimated at \$1.2 to \$1.5 billion. The project is located in Jersey City, Kearny, and Newark in Hudson and Essex Counties.

Counties: Hudson Essex Municipalities: Jersey City Newark City Kearny Town

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$98.000	\$100.000	\$100.000	\$100.000	\$100.000	\$100.000	\$100.000	\$100.000	\$73.500	

**12408B Route 7, Mill Street (CR 672) to Park Avenue (CR 646)**

This project will reconstruct the pavement within the project limits. Pedestrian safety improvements, traffic signal upgrades, and compliance with ADA standards will also be included.

Counties: Essex Municipalities: Belleville Twp Nutley Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	HSIP	\$0.500									
CON	HSIP			\$10.770							

**15439 Route 10, Chelsea Drive to Kelly Drive**

This proposed safety project will study installation of sidewalk on the Westbound side of Rt. 10 from Chelsea Dr. to Kelly Dr., with ADA curb ramps.

Counties: Essex Municipalities: Livingston Twp West Orange Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE		\$0.300								
ROW	STATE			\$0.100							
CON	NHPP				\$2.500						

**15377 Route 21, Lafayette Street to On Ramp at Interchange 7**

Federal Resurfacing/Rehab project. MP 2.4-4.0; NB 4.6-7.1; SB 6.2-7.1

Counties: Essex Municipalities: Newark City Belleville Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP		\$4.050								

**18373 Route 22, Broad Street (CR 623) to Route 27 (Empire Street)**

Pavement resurfacing for Route 22, Broad Street (CR623) to Route 27/Empire Street. Pavement resurfacing to extend functional life.

Counties: Union Essex Municipalities: Hillside Twp Newark City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP			\$2.500							

**9233B6 Route 23, Route 80 and Route 46 Interchange**

The purpose of this project is to provide greater mobility, reduce congestion and enhance safety through simplicity of movement through the interchange. The improvements include a new ramp (NW-E) providing a direct connection from Rt 23 SB to I-80 WB. Three new bridges are anticipated to facilitate the construction of the new ramp. A connection allowing travel from I-80 EB to Rt 23 NB and SB and Rt 46 WB via a new ramp connection. Adjustments to the lane configuration on the I-80 between Rt 23 and the bridge over the Passaic River to improve lane continuity will be made and modifications to the existing exit and entry ramps on I-80 to improve the merge and diverge with the mainline roadway. A number of retaining walls are anticipated in conjunction with the bridge and ramp construction.

Counties: Passaic Essex Municipalities: Wayne Twp Fairfield Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP		\$3.400								
ROW	STATE			\$0.500							
UTI	NHPP			\$1.500							
CON	NHPP				\$30.400						

**15371 Route 27, Dehart Place to Route 21**

Initiated by the Pavement Management System, the project will mill 3" depth and resurface with 3" thick asphalt on the North and South Bound Route 27 mainline and shoulder. The Route 27 ramps, both North and South Bound will also mill 3" and resurface with asphalt 3". A construction of ADA compliant curb ramps at each corner of an intersection where a sidewalk exists will be built at all 33 signalized intersections and 34 un-signalized intersections. Damaged sidewalks will be repaired and drainage grate inlets will be replaced with bicycle safe grates. Right-of-Way is required for the construction of ADA compliant curb ramps.

Counties: Union Essex Municipalities: Elizabeth City Newark City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP	\$13.264									

**15371A Route 27, Prince Street/Magnolia Avenue and Empire Street/Route 22 Intersections**

Intersection Improvements at 2 locations to address safety.

Counties: Union Essex Municipalities: Elizabeth City Newark City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	HSIP		\$3.175								

**06366B Route 46, Route 287 to Route 23 (Pompton Avenue), ITS**

To better manage and improve traffic conditions along the corridor, the following concepts will be evaluated in the CD phase: deployment of ITS devices that will complement present ITS equipment, minor improvements to address roadway constraints without right of way acquisition, and updates/upgrades to existing traffic signal equipment.

Counties: Morris Essex Passaic Municipalities: Parsippany-Troy Hills Twp Montville Twp Fairfield Boro Wayne Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP					\$11.404					

**12318 Route 280, WB Ramp over 1st & Orange Streets, Newark Subway & NJ Transit**

Initiated by the Bridge Management System, this project will replace the bridge deck, and widen the roadway to reduce congestion and crashes.

Counties: Essex Municipalities: Newark City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP		\$13.000	\$13.250							

# Hudson County Projects

## 11904 Bayonne Commuter Ferry Pier and Dock Improvements

Construction of Ferry Pier and Dock Improvements including upland improvements and ADA compliant walkway to Ferry Barge gangway system.

Counties: Hudson Municipalities: Bayonne

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	OTHER	\$0.581									
CON	SECT 5307	\$0.657									

## 11407 PANY&NJ-NJDOT Project Program

Under this program, the Port Authority will provide funding support for improvements to four NJDOT facilities: Route 7, Hackensack River (Wittpenn) Bridge, Route 139 (Hoboken and Conrail Viaducts), Route 1&9T Extension, and Route 1&9 Pulaski Skyway. This program will provide a total of \$1.8 billion from FY 2012 through FY 2016 for these four projects. The Route 7 Wittpenn Bridge will be replaced with a new vertical lift bridge. The total project cost is estimated at \$650 to \$700 million. The project is located in Kearny and Jersey City, Hudson County. The Route 139 Contract 3 project will rehabilitate the Hoboken Viaduct, as well as replace the deck and rehabilitate the superstructure of the Conrail Viaduct. The total project cost is estimated at \$180 to \$200 million. The project is located in Jersey City, Hudson County. The Route 1&9T Extension project, will provide a new roadway parallel to Route 1&9 along the railroad right-of-way in Jersey City. It will provide intermodal connections to the rail yards and divert trucks off the Tonnel Circle and Route 1&9, helping to ease congestion and facilitating goods movement throughout the region. The total project cost is estimated at \$70 to \$80 million. The project is located in Jersey City, Hudson County. The Route 1&9 Pulaski Skyway project will rehabilitate the 3.5 mile-long structure that carries Route 1&9 over the Hackensack and Passaic Rivers, the New Jersey Turnpike, several railroads and industrial facilities. The total project cost is estimated at \$1.2 to \$1.5 billion. The project is located in Jersey City, Kearny, and Newark in Hudson and Essex Counties.

Counties: Hudson Essex Municipalities: Jersey City Newark City Kearny Town

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$98.000	\$100.000	\$100.000	\$100.000	\$100.000	\$100.000	\$100.000	\$100.000	\$73.500	

## 16307 Paterson Plank Road (CR 681), Bridge over Route 3 at MP 10.04

Initiated by Bridge Management System, this project will reconstruct the bridge. The structure is structurally deficient due to the poor conditions of the deck and superstructure. The structure is also functionally obsolete due to intolerable deck geometry and vertical under clearances.

Counties: Hudson Municipalities: Secaucus Town

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-OS-BRDG					\$13.600					

## 97005B Portway, Fish House Road/Pennsylvania Avenue, CR 659

This project provides roadway reconstruction. The project includes two 12-ft lanes, and a 12-ft shoulder, Eastbound and Westbound, along Pennsylvania Ave/Fish House Rd. Sidewalks will be provided along the Eastbound side of Central Ave to approximately 250 feet East of the intersection of the two roadways.

Counties: Hudson Municipalities: Kearny Town

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-FLEX				\$29.150						

## 12386 Route 3 & Route 495 Interchange

Initiated from the Bridge Management System, this project will replace; the Route 495 Eastbound and Ramp B over Route 3 structure; and the bridge deck for the Route 3 Eastbound and South Service Road structure over Route 495 Ramp J. The project also includes safety and operational improvements within the Routes 3 and 495 interchange.

Counties: Hudson Municipalities: North Bergen Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP					\$15.000					
ROW	NHPP							\$2.000			
CON	NHPP								\$43.150	\$59.000	\$42.000

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**93186 Route 7, Kearny, Drainage Improvements**

This section of Route 7 is generally uncurbed and frequently flooded due to low elevation and lack of sufficient highway drainage system. Roadway runoff is collected through inlets or sheet flow, discharging directly into the marshlands. During moderate and heavy storms, in addition to high tide, the runoff overflows the banks onto the roadway and adjacent properties. This causes the highway to be closed and traffic is detoured. This project will provide highway drainage system improvements including; pumping stations, raising road profile and sheet piling to prevent tidal water to flood the roadway.

Counties: Hudson

Municipalities: Kearny Town

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	NHPP	\$3.400									
CON	NHPP				\$25.000	\$21.000	\$25.000				

# Hunterdon County Projects

## 15419 ADA Central, Contract 3

This contract will bring projects into compliance with current ADA design requirements that could not be completed within original design or construction time frame.

Counties: Somerset Middlesex Hunterdon      Municipalities: Various  
Warren

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-FLEX			\$9.800							

## NS9806 Church Street Bridge, CR 579

The Church Street (CR 579) over the Lehigh Valley Main Line bridge project proposes the replacement of the existing functionally obsolete bridge in an effort to improve substandard sight distance and inadequate deck geometry. The proposed undertaking would replace the existing bridge with a new two-lane bridge to the east and the bridge approaches will be improved.

Counties: Hunterdon      Municipalities: Bloomsbury Boro Bethlehem Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	STATE-NJTPA	\$0.400									
CON	STATE-NJTPA		\$3.800								

## 15322 Delaware & Raritan Canal Bridges

Initiated by the Bridge Management System, this project provides for Concept Development studies on the following structures along the Delaware and Raritan Canal: Carnegie Road, Bridge over D&R Feeder Canal; County Route 571 (Washington Road), Bridge over D&R Canal; Landing Lane (CR 609), Bridge over D&R Canal; Route 206, Bridge over D&R Feeder Canal; Hermitage Avenue, Bridge over D&R Feeder Canal; River Drive, Bridge over D&R Feeder Canal; Bridge over D&R Feeder Canal at Lock No. 3; Coryell Street, Bridge over D&R Feeder Canal; CR 533 (Quaker Road), Bridge over D&R Canal; Manville Causeway (CR623), Bridge over D&R Canal; Chapel Drive at CR 623, Bridge over D&R Canal. The project also provides emergency superstructure replacement and substructure rehabilitation for CR 518 (Georgetown-Franklin Rd), Bridge over D&R Canal and an emergency total structure replacement of CR 514 (Amwell Road), Bridge over D&R Canal.

Counties: Mercer Hunterdon Middlesex      Municipalities: Various  
Somerset

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STBGP-FLEX	\$8.350	\$5.000	\$5.000	\$10.000	\$10.000	\$10.000	\$10.000			

## 14425 Route 22, Bridge over NJT Raritan Valley Line

Initiated by the Bridge Management System, this project will replace the structurally deficient bridge, built in 1937.

Counties: Hunterdon      Municipalities: Clinton Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE		\$1.800								
ROW	NHPP				\$0.400						
CON	NHPP						\$9.500				

## 11413C Route 29, Alexauken Creek Road to Washington Street

Initiated from the Pavement Management System, this project will reconstruct (including cold-in-place recycling) and resurface within the project limits. The project will be Mill X Pave X+1, and will include drainage improvements to eliminate roadway, shoulder and border ponding.

Counties: Hunterdon      Municipalities: Lambertville City Delaware Twp Kingwood Twp Frenchtown Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PE	STBGP-FLEX	\$1.300									
DES	STBGP-FLEX			\$1.100							
ROW	STBGP-FLEX				\$0.400						
CON	STBGP-FLEX								\$12.875		

**16351 Route 29, Bridge over Copper Creek**

Problem Statement submitted by BMS for Tier 1 Screening. It is recommended for replacement.

Counties: Hunterdon

Municipalities: Kingwood Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PE	STBGP-OS-BRDG	\$0.400									
DES	STBGP-OS-BRDG		\$0.900								
CON	STBGP-OS-BRDG				\$2.400						

**08327B Route 31 SB, CR 523 (Walter Foran Boulevard) to Wescott Drive (CR 600)**

This project will improve traffic operations and safety by eliminating the bottleneck issue where Rt. 31 is reduced from 2 lanes to 1 lane. Thus, making the roadway a consistent cross-section of two travel lanes along Rt. 31 Southbound. Sidewalks for pedestrian traffic will also be added.

Counties: Hunterdon

Municipalities: Raritan Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP			\$5.400							

**08327C Route 31, Church Street (CR 650) to E Main Street/Flemington Jct Road**

This project includes the widening of Rt. 31 NB beginning north of Church St. and ending at East Main St./Flemington Junction Rd, where two NB through lanes exist today. It includes SB Rt. 31 widening, beginning at the lane drop just south of Highland Ave/Hunterdon High School at Pennsylvania Ave, and ending where two travel lanes open up just north of the Church St/Voorhees Corner Rd intersection. In order to accommodate this proposed roadway widening, this breakout includes widening the Railroad bridge structure to fit four travel lanes.

Counties: Hunterdon

Municipalities: Flemington Boro Raritan Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE			\$1.500							
ROW	NHPP				\$0.500						
CON	NHPP						\$18.622				

**08327D Route 31, HealthQuest Boulevard to River Road**

This project includes the widening of NB and SB Rt. 31, beginning at the dualized section of near River Rd. The widening ends in the SB direction just north of Health Quest Blvd, where two through lanes open up approaching Sand Hill Rd/Bartles Corner Rd, and in the NB direction the widening ends a little north of Prestige Plaza, where the Phase 1 improvements terminate.

Counties: Hunterdon

Municipalities: Raritan Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE			\$1.100							
ROW	NHPP					\$1.750					
CON	NHPP							\$11.100			

**11342A Route 31, Route 78/22 to Graysrock Road**

Initiated from the Pavement Management System, this project will reconstruct pavement within the project limits.

Counties: Hunterdon

Municipalities: Clinton Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP		\$0.750								
ROW	NHPP			\$0.150							
CON	NHPP						\$8.825				

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**NS0309 Route 78, Pittstown Road (Exit 15), Interchange Improvements (CR 513)**

A graduate of the NJTPA Technical Studies Program, this project focuses on the congestion of the study area at interchange 15 on I-78. Queuing of traffic on the west-bound exit ramp onto the interstate creates a significant safety issue. Congestion issues also exist on CR 513 to the entrance of the Hunterdon Development Center. Improvements include relocation of I-78 EB ramps at Interchange 15; reconstruction of SB left turns at CR 513/South Service Rd intersection; and the re-striping of CR 513 from South Service Rd to Rt 173 will be changed from a three lane section to a four lane section.

The following Federal appropriations were allocated to this project. FY06 SAFETEA-LU/HPP \$800,000 (ID# NJ 222), (available 20% per year).

Counties: Hunterdon Municipalities: Union Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STATE-NJTPA	\$5.000									

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**18601 Route 78, Route 22 to Drift Road/Dale Road**

Building ITS infrastructure in the corridor for Traffic Operation needs due to congestion and high crashes.

Counties: Hunterdon Somerset Warren Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE	\$2.100									
CON	NHPP									\$16.475	

# Middlesex County Projects

## 15418 ADA Central, Contract 2

This contract will bring projects into compliance with current ADA design requirements that could not be completed within original design or construction time frame.

Counties: Monmouth Somerset Middlesex      Municipalities: Various  
Mercer

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	STBGP-FLEX		\$1.300								
CON	STBGP-FLEX			\$11.750							

## 15419 ADA Central, Contract 3

This contract will bring projects into compliance with current ADA design requirements that could not be completed within original design or construction time frame.

Counties: Somerset Middlesex Hunterdon      Municipalities: Various  
Warren

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-FLEX			\$9.800							

## 15322 Delaware & Raritan Canal Bridges

Initiated by the Bridge Management System, this project provides for Concept Development studies on the following structures along the Delaware and Raritan Canal: Carnegie Road, Bridge over D&R Feeder Canal; County Route 571 (Washington Road), Bridge over D&R Canal; Landing Lane (CR 609), Bridge over D&R Canal; Route 206, Bridge over D&R Feeder Canal; Hermitage Avenue, Bridge over D&R Feeder Canal; River Drive, Bridge over D&R Feeder Canal; Bridge over D&R Feeder Canal at Lock No. 3; Coryell Street, Bridge over D&R Feeder Canal; CR 533 (Quaker Road), Bridge over D&R Canal; Manville Causeway (CR623), Bridge over D&R Canal; Chapel Drive at CR 623, Bridge over D&R Canal. The project also provides emergency superstructure replacement and substructure rehabilitation for CR 518 (Georgetown-Franklin Rd), Bridge over D&R Canal and an emergency total structure replacement of CR 514 (Amwell Road), Bridge over D&R Canal.

Counties: Mercer Hunterdon Middlesex      Municipalities: Various  
Somerset

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STBGP-FLEX	\$8.350	\$5.000	\$5.000	\$10.000	\$10.000	\$10.000	\$10.000			

## 17419 Route 1, Alexander Road to Mapleton Road

Improvements will help relieve congestion at Route 1 from the "Dinky" railroad bridge to approximately Plainsboro Road by increasing the number of travel lanes from 3 to 4 lanes per direction on Route 1; provide shoulders, deceleration lanes, acceleration lanes, and turn lanes along the corridor for turning vehicles; widen Washington Road at Route 1 to relocate the merge of the 2-lane circle into a single Washington Road lane out of the intersection; increase the Route 1 southbound to Fisher Place jughandle turn; modify existing 3-phase signal at Route 1 and Harrison St. intersection to a 2-phase signal; and provide a Route 1 cross section with 4 lanes per direction at the Millstone River Bridge. This project in West Windsor (Mercer County) and Plainsboro (Middlesex County) is a derivative of the former Rt. 1/CR 571 Penns Neck project (DB #031). The magnitude and scope of work for the Rt. 1 Alexander Rd to Mapleton Rd project is greatly reduced from the Penns Neck project (\$150 M vs. \$35 M).

Counties: Mercer Middlesex      Municipalities: West Windsor Twp Plainsboro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE		\$2.000								
ROW	CMAQ				\$3.000						
CON	CMAQ							\$24.000			

**15303 Route 1, NB Bridge over Raritan River**

Problem Statement submitted by BMS for Tier 1 Screening. The overall condition of the structure is fair due to the condition of superstructure and substructure. It has a sufficiency rating of 77.0. The deck is in satisfactory condition. The superstructure is in fair condition due to several large spalls with exposed rebars, large incipient spalls, & numerous medium to wide cracks throughout. The east and the west spandrel walls have extensive map cracking with efflorescence throughout. The substructure is in fair condition due to several large spalls with exposed rebars & numerous medium to wide cracks throughout. This bridge is considered Prioritization Category Number 3 and is a low priority for a stage II in-depth Scour Evaluation. BMS has requested a Tier 1 Screening but is recommending to make priority repairs to retard further deterioration, preserve the structural integrity of the bridge, improve safety and extend its useful life.

Counties: Middlesex Municipalities: Edison Twp New Brunswick City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE			\$4.000							
ROW	STATE				\$0.250						
CON	NHPP							\$48.250			

**16352 Route 18 NB, Bridge over Conrail**

Initiated by the Bridge Management System, this project will replace the bridge, built in 1931.

Counties: Middlesex Municipalities: East Brunswick Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP		\$1.300								
CON	NHPP						\$9.700				

**10354 Route 18, East Brunswick, Drainage and Pavement Rehabilitation**

This project consists of pavement reconstruction and resurfacing of NJ Route 18, and will also include mitigating flooding and drainage problems. This project provides repair and replacement of curbs and sidewalks, and milling and resurfacing of most of the roadway within the project limits. Full reconstruction of the right lanes, in both directions, at various locations is included. In addition, upgrades will be made to all curb ramps, and midblock crosswalks, that do not meet current ADA criteria. Improvements to Route 18 and Edgeboro Road, and Route 18 and Tices Lane intersections are also proposed. If warranted, the project will include upgrading of traffic signals and lighting within the project limits.

Counties: Middlesex Municipalities: East Brunswick Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP		\$19.000	\$18.200							

**15398 Route 26, Cox Road to Nassau Street**

Federal Resurfacing/Rehab project.

Counties: Middlesex Municipalities: North Brunswick Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP		\$2.580								

**11307 Route 34, CR 537 to Washington Ave., Pavement**

Initiated from the Pavement Management System, one element of this project will provide a full depth pavement reconstruction, and address guiderails and drainage issues. The project scope will include; roadside work to restore the berm areas back to umbrella sections, earthwork to re-establish eroding slopes behind the guiderails, upgrading of guiderails, repairing damaged drainage and outfall structures, and upgrading traffic signals. Initiated from the Bridge Management System, another element of this project will replace the bridge deck and superstructure of the Bridge over Gravelly Brook on Route 34. The project scope will also include minor repairs to the substructure of the Bridge to correct deficiencies.

Counties: Monmouth Middlesex Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP				\$8.000						
CON	NHPP								\$30.000	\$30.000	\$30.000

**10381 Route 35, Hears Brook and Woodbridge Creek, Culvert Replacement**

Initiated by the Bridge Management System, this project will replace the culvert within the project limits.

Counties: Middlesex

Municipalities: Woodbridge Twp Perth Amboy City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE		\$1.500								
ROW	STATE			\$0.200							
CON	NHPP					\$4.300					

**15392 Route 35, Route 9 to Colonia Boulevard**

Initiated from the Pavement Management System, this project will resurface within the project limits.

Counties: Middlesex Union

Municipalities: Sayreville Boro Perth Amboy City Woodbridge Twp Rahway City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP					\$15.700					

**16339 Route 130, Bridge over Millstone River**

Initiated by the Bridge Management System, this project will replace the structurally deficient bridge, built in 1936.

Counties: Mercer Middlesex

Municipalities: East Windsor Twp Cranbury Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE		\$0.900								
ROW	STATE				\$0.100						
CON	NHPP							\$4.100			

**11309 Route 130, Westfield Ave. to Main Street**

Initiated from the Pavement Management System, this project consists of milling, resurfacing and rehabilitating the roadway within the project limits.

Counties: Mercer Middlesex

Municipalities: East Windsor Twp Cranbury Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP	\$4.180									

**15363 Route 171, Route 130 to Lincoln Avenue**

Initiated from the Pavement Management System, this project will resurface within the project limits.

Counties: Middlesex

Municipalities: North Brunswick Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP		\$3.140								

**N1903 Route 9, Main Street**

This project will realign Route 9 northbound and southbound ramps to and from Main Street. The NB ramps require minor physical modifications. The SB ramps will be relocated, creating a new municipal roadway from Route 9 SB to Main Street and a new intersection at the Crosspointe Town Square Entrance. The new intersection will be controlled with a traffic signal. Mobility improvements to the intersection are required.

Counties: Middlesex

Municipalities: Woodbridge

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-NY/NWK	\$15.000									

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**00321 Schalk's Crossing Road Bridge, CR 683**

Funding is being provided for the replacement of the bridge deck that will maintain the existing steel superstructure and provide bicycle/pedestrian accessibility. A shared bicycle/pedestrian sidewalk lane will be provided through cantilever addition on the through girders along both the east and west sides of Schalk's Crossing Road. Repairs will be made to the substructure. Prior to any bridge rehabilitation, the railroad catenary system will be modified. Roadway improvements would include milling and resurfacing the existing roadway approaches for tie-ins to bridge.

Counties: Middlesex

Municipalities: Plainsboro Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-NY/NWK					\$24,000					



**14422 Route 33, Bridge over Millstone River**

Initiated from the Bridge Management System, the project will rehabilitate/replace the bridge.

Counties: Monmouth

Municipalities: Millstone Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP	\$1.000									
CON	NHPP		\$3.350								

**16330 Route 33, Neptune Boulevard**

Safety Project

Counties: Monmouth

Municipalities: Neptune Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	HSIP		\$2.900								

**11307 Route 34, CR 537 to Washington Ave., Pavement**

Initiated from the Pavement Management System, one element of this project will provide a full depth pavement reconstruction, and address guiderails and drainage issues. The project scope will include; roadside work to restore the berm areas back to umbrella sections, earthwork to re-establish eroding slopes behind the guiderails, upgrading of guiderails, repairing damaged drainage and outfall structures, and upgrading traffic signals. Initiated from the Bridge Management System, another element of this project will replace the bridge deck and superstructure of the Bridge over Gravelly Brook on Route 34. The project scope will also include minor repairs to the substructure of the Bridge to correct deficiencies.

Counties: Monmouth Middlesex

Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP				\$8.000						
CON	NHPP								\$30.000	\$30.000	\$30.000

**14429 Route 35, Bridge over North Branch of Wreck Pond**

Initiated by the Bridge Management System, this project will replace the structurally deficient and functionally obsolete bridge, built in 1931.

Counties: Monmouth

Municipalities: Wall Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP	\$1.250									
ROW	NHPP		\$0.226								
CON	NHPP				\$2.890						

**15372 Route 70, Dakota Trail to Riverview Drive (CR 48)**

Federal Resurfacing/Rehab project. MP 27.9-31.2, 38.45-50.58, 57.8-58.7

Counties: Burlington Ocean Monmouth

Municipalities: Pemberton Twp Manchester Twp Brick Twp Brielle Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP		\$34.700								

**15449 Route 71, Bridge over NJ Transit (NJCL)**

Problem Statement submitted by the BMS for Tier 1 Screening. The structure is structurally deficient due to poor condition of the substructure and has a sufficiency rating of 64.80. The overall condition of the bridge is poor due to poor condition of the substructure.

Counties: Monmouth

Municipalities: Deal

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PE	STBGP-OS-BRDG	\$1.000									
DES	STBGP-OS-BRDG			\$2.000							
ROW	STBGP-OS-BRDG				\$1.000						
CON	STBGP-OS-BRDG						\$14.047	\$21.953			

**16316 Route 71, Bridge over Shark River**

This study will examine replacing or rehabilitating the structurally deficient and functionally obsolete moveable bridge, built in 1932.

Counties: Monmouth

Municipalities: Belmar Boro Avon By the Sea Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PE	STBGP-OS-BRDG	\$4.500									
DES	STBGP-OS-BRDG				\$5.000						
ROW	STBGP-OS-BRDG						\$2.000				
CON	STBGP-OS-BRDG								\$22.000	\$22.000	\$22.000

**18351 Route 35 NB, Bridge over Route 36 NB & GSP Ramp G**

Bridge Rehabilitation of Route 35 NB, Bridge over Route 36 NB and Garden Stae Parkway Ramp

Counties: Monmouth

Municipalities: Keyport Borough

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE		\$0.750								
CON	NHPP					\$3.690					

**NS9706 Rumson Road over the Shrewsbury River, CR 520**

Bridge S-32 carries CR 520, Rumson Road, across the Shrewsbury River between the Boroughs of Rumson and Sea Bright. This bridge serves as one of two evacuation and emergency routes in times of tidal flooding and coastal storms. The existing structure is in poor condition, with deterioration of major bridge components. Monmouth County is proposing a movable structure to replace the current structure.

Counties: Monmouth

Municipalities: Rumson Boro Sea Bright Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-NY/NWK	\$36.000	\$37.000								

# Morris County Projects

## 15411 ADA North, Contract 1

This contract will bring projects into compliance with current ADA design requirements that could not be completed within original design or construction time frame.

Counties: Warren Morris

Municipalities: Knowlton Twp Mt Olive Twp Netcong Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-FLEX	\$4.500									

## 15412 ADA North, Contract 2

This contract will bring projects into compliance with current ADA design requirements that could not be completed within original design or construction time frame.

Counties: Sussex Morris

Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-FLEX	\$2.775									

## 15414 ADA North, Contract 4

This contract will bring projects into compliance with current ADA design requirements that could not be completed within original design or construction time frame.

Counties: Morris Essex

Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-FLEX		\$3.900								

## NS9708 Landing Road Bridge Over Morristown Line, CR 631

Landing Road Bridge crosses over NJ Transit railroad tracks in the Township of Roxbury. Structural deterioration, along with substandard deck geometry, makes this bridge a good candidate for replacement. A larger structure is required due to the current and projected traffic volumes traversing from Sussex County to I-80 in Morris County. The existing bridge superstructure and substructure exhibit severe spalling and medium to wide cracks with large areas of leaching and efflorescence. Structurally deteriorated bridge along with substandard deck geometry, inadequate to carry current traffic volumes, requires bridge replacement. The county proposes to replace the old bridge on a new alignment. This would enable construction for a four lane structure and not impact traffic.

Counties: Morris

Municipalities: Roxbury Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STATE-NJTPA		\$6.525								

## NS9803 NY Susquehanna and Western Rail Line Bicycle/Pedestrian Path

The 4.8 mile New York, Susquehanna, and Western Railway (NYS&W) Bicycle and Pedestrian Path runs along the NYS&W Right-of-Way (ROW) from River Drive, Pequannock Township (Morris County) to the Mountain View rail station in Wayne Township (Passaic County).

Counties: Morris Passaic

Municipalities: Pequannock Twp Wayne Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-NY/NWK	\$15.000									

## NS9802 Openaki Road Bridge

Openaki Road bridge over the Den Brook in Denville Township was built in 1924 and is now structurally deficient and functionally obsolete despite efforts by the county to save the structure. The existing bridge is a single-span thru truss with a wood plank deck. The bridge has narrow roadway width and low inventory and operating ratings. The county plans to widen the roadway to 32' consisting of high-strength weathering steel stringers with a composite reinforced concrete deck slab.

Counties: Morris

Municipalities: Denville Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	STBGP-NY/NWK		\$0.500								
CON	STBGP-NY/NWK			\$6.000							

**12303 Route 10, EB widening from Route 202 to Route 53**

This project is a Concept Development Study to determine the viability of widening Route 10 Eastbound. From Borough perspective, the problem location is the highest priority in terms of reducing traffic congestion, increasing highway capacity and improving traffic safety.

Counties: Morris Municipalities: Morris Plains Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	NHPP							\$4.300			
CON	NHPP									\$5.350	

**11339 Route 10, Hillside Ave (CR 619) to Mt. Pleasant Tpk (CR 665)**

Initiated by the Pavement Management System, This project consists of reconstructing, milling and overlaying existing pavement, rehabilitating the deteriorated concrete, minimizing scour downstream at Indian Brook culvert and intersection modifications to improve traffic flow.

Counties: Morris Municipalities: Roxbury Twp Randolph Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP		\$1.500								
ROW	NHPP		\$1.000								
CON	NHPP				\$22.400						

**98338C Route 10/202, NJ 53 to Johnson Road, Operational Improvements**

This is an operational improvement project to alleviate the congestion problem during the morning peak hour, especially on Rt. 10 EB. Widen Rt.10 EB to three lanes from westerly terminus to the existing three lane section. Rebuild the southwest jug handle and build the Johnson Rd. connector ramp in lieu of the current forward jug handle from Rt. 10 EB to Rt. 202 NB. Widen Rt. 202 to provide additional through lanes.

Counties: Morris Municipalities: Parsippany-Troy Hills Twp Hanover Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	NHPP					\$5.500					
CON	NHPP							\$19.500			

**14414 Route 15 SB, Bridge over Rockaway River**

Initiated by the Bridge Management System, this project will replace the structurally deficient and functionally obsolete timber-structure bridge, built in 1909.

Counties: Morris Municipalities: Jefferson Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	NHPP		\$0.950								
CON	NHPP			\$8.550							

**11424 Route 23, Alexander Road to Maple Lake Road**

Initiated from the Pavement Management System, this project will resurface within the project limits. ADA upgrades and guiderail repair will be included.

Counties: Morris Municipalities: Pequannock Twp Riverdale Boro Kinnelon Boro Butler Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP		\$17.200								

**08347 Route 23, Bridge over Pequannock River / Hamburg Turnpike**

Initiated by the Bridge Management System, this project will replace the bridge and provide scour countermeasures to address this scour critical structure.

Counties: Morris Passaic Municipalities: Kinnelon Boro West Milford Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP	\$8.500									
ROW	NHPP			\$1.500							
CON	NHPP								\$31.300	\$22.000	

**13316 Route 46, Canfield Avenue**

The proposed project is to widen Route 46 to accommodate standard lane widths and to provide an exclusive left turn lane on the west approach of the intersection (for turns into the shopping center). In addition, the Township requested enhanced safety for pedestrian crossing of the intersection as there is a school located nearby.

Counties: Morris Municipalities: Mine Hill Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STBGP-FLEX	\$1.000									
ROW	STBGP-FLEX		\$0.300								
CON	STBGP-FLEX			\$4.600							

**06366A Route 46, Main Street/Woodstone Road (CR 644) to Route 287, ITS**

To better manage and improve traffic conditions along the corridor, the following concepts will be evaluated in the CD phase: deployment of ITS devices that will complement present ITS equipment, minor improvements to address roadway constraints without right of way acquisition, and updates/upgrades to existing traffic signal equipment.

Counties: Morris Municipalities: Rockaway Boro Denville Twp Mountain Lakes Boro Parsippany-Troy Hills Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP		\$8.785								

**06366D Route 46, Main Street/Woodstone Road (CR 644) to Route 80**

Initiated by the Bureau of ITS Engineering, this project is a breakout from Route 46, I-80 to I-80/280, ITS Improvements study. This project will provide operational and safety improvements within the project limits.

Counties: Morris Municipalities: Denville Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	NHPP				\$1.200						
CON	NHPP								\$6.000		

**16318 Route 46, Pequannock Street to CR 513 (West Main Street)**

Some signalized intersections within the proposed project segment have had revisions implemented over the past few years, each signalized intersection has to be evaluated and, if required, revised in the proposed Road Diet design. The following work, to be included but not limited, is as follows: signalized intersections should have the appropriate number/type of traffic signal heads at the appropriate locations, each intersection should be ADA compliant, backplates with retro reflective borders should be added to the traffic signal heads, all 8" traffic signal heads should be changed to 12" and pedestrian signal heads should be countdowns.

Counties: Morris Municipalities: Dover Twp Rockaway Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	HSIP				\$1.250						
ROW	HSIP					\$0.500					
CON	HSIP								\$9.000		

**06366B Route 46, Route 287 to Route 23 (Pompton Avenue), ITS**

To better manage and improve traffic conditions along the corridor, the following concepts will be evaluated in the CD phase: deployment of ITS devices that will complement present ITS equipment, minor improvements to address roadway constraints without right of way acquisition, and updates/upgrades to existing traffic signal equipment.

Counties: Morris Essex Passaic Municipalities: Parsippany-Troy Hills Twp Montville Twp Fairfield Boro Wayne Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP					\$11.404					

**12424 Route 53, Pondview Road to Hall Avenue**

Initiated from the Pavement Management System, this project is to resurface the roadway along with signal improvements, guide rail replacement, and curb ramp replacement. The project will mill and resurface Route 53 and ramps. Upgrade the intersection of Route 53 and Fox Hill Road / Lackawanna Ave. with left turn slots added to the minor street approaches and pedestrian facilities upgraded. Standard curb ramps will be replaced with ADA compliant curb ramps.

Counties: Morris

Municipalities: Parsippany-Troy Hills Twp Denville Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP				\$3.500						

**15351 Route 80, Bridges over Howard Boulevard (CR 615)**

Both the Rt 80 EB and Rt 80 WB structures over Howard Blvd. will be evaluated for either rehabilitation or replacement. In addition operation improvements within the interchange due to the addition of the Hercules trucking facility will be explored along with improvements to acceleration and deceleration lanes.

Counties: Morris

Municipalities: Mount Arlington Boro Roxbury Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE		\$3.400								
ROW	STATE			\$0.250							
CON	NHPP				\$14.300	\$14.300					

**93139 Route 80, Route 15 Interchange**

This project will: provide the missing Rt. 15 Northbound/Southbound to I-80 Eastbound/Westbound ramp to reduce congestion within Wharton and to provide direct access to the interstate; improve the acceleration lane from Rt.15 to I-80 Westbound to improve its safety and operation; reconstruct the intersection of Rt. 15 & Dewey Ave. to improve its level of service; improve the weaving length between North Main St. & Ramp "K"; improve the geometry of Ramp "I" to enhance truck movements; and improve the lane width and add shoulders at the merge of Rt. 15 Northbound and I-80 Westbound to improve its operation and safety. Along with the four structures listed, Structure # 1413152 is also a part of this project

Counties: Morris

Municipalities: Wharton Boro Rockaway Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP	\$6.500									
ROW	NHPP			\$1.200							
CON	NHPP					\$25.000	\$25.000	\$19.500			

**13350 Route 15 and Berkshire Valley Road (CR 699)**

The purpose of the project is to enhance safety and improve operations at the signalized intersection. The project will realign Berkshire Valley Road by removing the current curves within the intersection and replacing with a single, larger 500' radius curve. Improvements include widening and restriping the Berkshire Valley Road SB approach to Route 15. Sidewalks will be built along both the NB and SB sides of Berkshire Valley Road to facilitate pedestrian safety crossings of Route 15 NB and SB intersections.

Counties: Morris

Municipalities: Jefferson Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	HSIP			\$4.200							

**15381 Route 202, Childs Rd/N Maple Ave (CR 613) to Academy Road**

Federal Resurfacing/Rehab project.

Counties: Morris Somerset

Municipalities: Bernards Twp Harding Twp Morristown Twp Morris Plains Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP	\$10.400									



**15389 Route 35, Osborne Avenue to Manasquan River & Old Bridge Road to Route 34 & Route 70**

Reconstruction and Drainage Project

Counties: Ocean

Municipalities: Point Pleasant Beach Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PE	NHPP	\$1.500									
DES	NHPP			\$3.000							
ROW	NHPP				\$1.000						
CON	NHPP						\$16.800				

**15372 Route 70, Dakota Trail to Riverview Drive (CR 48)**

Federal Resurfacing/Rehab project. MP 27.9-31.2, 38.45-50.58, 57.8-58.7

Counties: Burlington Ocean Monmouth

Municipalities: Pemberton Twp Manchester Twp Brick Twp Brielle Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP		\$34.700								

**00357D1 Route 72, Manahawkin Bay Bridges, Contract 5A - Environmental Mitigation**

This project will include the implementation of Submerged Aquatic Vegetation (SAV) mitigations requirements in the Manahawkin Bay to comply with the environmental permit conditions. The overall goal of this work is to offset losses to SAV through a combination of adaptive management and research to establish and enhance SAV beds within the Barnegat Bay. The research element will include monitoring of existing SAV beds to measure recovery post Sandy and adaptive management component will include establishing and/or enhancing up to 10 acres of new or existing beds to facilitate recovery efforts and promote resiliency.

Counties: Ocean

Municipalities: Stafford Twp Ship Bottom Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE	\$0.850	\$0.850	\$0.290	\$0.220	\$0.050					

**11385 Route 72, Manahawkin Bay Bridges, Contract 1A & 1B**

Contract 1A will include Rt. 72 and Marsha Drive Intersection Improvements, reconstruction and widening of Rt. 72 and Marsha Drive, and reconstruction of a traffic signal. The project also includes the installation of new storm drainage systems, a detention basin, ITS improvements, highway lighting and utility relocations. Contract 1B will include operational and safety improvements in Ship Bottom Borough, on Long Beach Island. Approx. 3000' feet of Rt. 72 (locally known as 8th and 9th Streets) and three cross roads (Barnegat Avenue, Central Avenue and Long Beach Boulevard) will be widened. Two-way traffic will be restored along Barnegat Avenue, Central Avenue and Long Beach Boulevard. Five traffic signals will be reconstructed. A new traffic signal will be installed at the intersection of 8th Street and Long Beach Boulevard. In order to reduce frequent flooding along Rt.72 and the intersections, a new storm drainage system will be installed. The project also includes the installation of bicycle and pedestrian accommodations, ITS improvements, highway lighting and utility relocations.

Counties: Ocean

Municipalities: Stafford Twp Barnegat Twp Ship Bottom Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP	\$31.710									

**09322 Route 88, Bridge over Beaver Dam Creek**

Initiated by the Bridge Management System, this project will replace the structurally deficient and functionally obsolete bridge, built in 1923.

Counties: Ocean

Municipalities: Brick Twp Point Pleasant Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	NHPP		\$1.000								
UTI	NHPP			\$2.640							
CON	NHPP				\$3.600						

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**14324 Route 166, Bridges over Branch of Toms River**

Initiated by the Bridge Management System, this project will replace the structurally deficient bridge. It will address the structural deficiencies of the bridge and scour critical issues. Sidewalk and ADA improvements are part of this project, although no right-of-way impacts are anticipated.

Counties: Ocean

Municipalities: South Toms River Boro Toms River Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STBGP-OS-BRDG	\$1.500									
ROW	STBGP-OS-BRDG		\$0.250								
CON	STBGP-OS-BRDG			\$8.350							

# Passaic County Projects

## NS9803 NY Susquehanna and Western Rail Line Bicycle/Pedestrian Path

The 4.8 mile New York, Susquehanna, and Western Railway (NYS&W) Bicycle and Pedestrian Path runs along the NYS&W Right-of-Way (ROW) from River Drive, Pequannock Township (Morris County) to the Mountain View rail station in Wayne Township (Passaic County).

Counties: Morris Passaic Municipalities: Pequannock Twp Wayne Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-NY/NWK	\$15.000									

## 059B Route 3, Route 46, Valley Road and Notch/Rifle Camp Road Interchange, Contract B

From Notch/Rifle Camp Road to just east of the Valley Road Intersection, Route 46 will be widened to provide standard shoulders and acceleration/deceleration/auxiliary lanes, and will be realigned as needed to improve sight distance. At the intersection of Route 46 and Route 3, a three-lane section will replace the existing two-lane connections. Route 46 will be realigned to converge with Route 3 from the right side (not the left as presently exists). Complete interchange upgrades will be made. From Route 46 to Grove Street, Route 3 will be widened to provide auxiliary lanes and standard shoulders. The project will require the removal of three bridge structures and replacing them with four new bridge structures. Each of these structures will be designed to provide a minimum vertical underclearance of 15 feet 6 inches. Culverts will be impacted as well. Bridge Structures to be replaced: 1606172, 1607151, 160150 (to be replaced with two structures); Culverts to be replaced: 1606173; Culverts to be extended: 1606168.

Counties: Passaic Municipalities: Little Falls Twp Clifton City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP	\$42.078	\$31.922	\$38.263							

## 12419 Route 19, Colfax Ave (CR 609) to Marshall Street

Initiated from the Pavement Management System, this project will resurface within the project limits.

Counties: Passaic Municipalities: Clifton City Paterson City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP		\$5.500								

## 08372 Route 20, Paterson Safety, Drainage and Resurfacing

This project, a combining of; "Rt. 20 Paterson, Drainage", "Rt. 20 Edward Ave. Intersection Improvements" and "Rt. 20 5th Ave. (CR 652) Intersection Improvements", addresses safety and drainage issues and provides pavement resurfacing within the project limits. Currently, roadway flooding is caused by inadequate storm water drainage pipes. The project will install additional inlets and larger drainage pipes along seven critical areas and low points on Route 20. The roadway at 5th Avenue will be raised in order to protect Route 20 from the 10-Year Passaic River flood. The project will improve safety and geometric deficiencies at the intersection of Rt. 20 and Edward Avenue, including; sight distance, signals and signage. The Route 20 Southbound juncture with Edwards Avenue will be reconfigured for right-in / right-out traffic movements. The left-turn barrier opening, from Route 20 Northbound to Edward Avenue, will be closed, and traffic will be redirected to the Route 4 East (East 43rd Street will be added to signs) exit to the south. The intersection of East 43rd Street and Route 4 (Broadway) and the end of that exit ramp will be reconfigured with a traffic signal added. The project will also improve safety and geometric deficiencies at the intersection of Route 20 and 5th Avenue (CR 652). Installation / updating of regulatory and advanced warning signs, removal of trees, and raising of the profile of Route 20 along the length of the entire interchange will be performed. The ramp from Route 20 Northbound to 5th Avenue will be reconfigured, with increased left-turn storage on Route 20. The traffic signal at that ramp will be synchronized with the signal at 5th Avenue.

Counties: Passaic Municipalities: Paterson City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	NHPP		\$1.300								
CON	NHPP			\$13.200	\$13.000						

## 08347 Route 23, Bridge over Pequannock River / Hamburg Turnpike

Initiated by the Bridge Management System, this project will replace the bridge and provide scour countermeasures to address this scour critical structure.

Counties: Morris Passaic Municipalities: Kinnelon Boro West Milford Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP	\$8.500									
ROW	NHPP			\$1.500							
CON	NHPP								\$31.300	\$22.000	

**11424A Route 23, High Crest Drive to Macopin River**

Initiated from the Pavement Management System, this project will resurface within the project limits and reconstruct the Northbound shoulder. Safety concerns raised by local officials (known as the "S" curves) will be evaluated.

Counties: Passaic Municipalities: West Millford Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP				\$1.900						
ROW	NHPP					\$0.250					
CON	NHPP							\$11.650			

**14440 Route 23, NB Bridge over Pequannock River**

Initiated from the Bridge Management System, this project will replace the structurally deficient bridge.

Counties: Passaic Municipalities: West Milford Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP		\$1.700								
ROW	STATE			\$0.050							
CON	NHPP					\$4.100					

**9233B6 Route 23, Route 80 and Route 46 Interchange**

The purpose of this project is to provide greater mobility, reduce congestion and enhance safety through simplicity of movement through the interchange. The improvements include a new ramp (NW-E) providing a direct connection from Rt 23 SB to I-80 WB. Three new bridges are anticipated to facilitate the construction of the new ramp. A connection allowing travel from I-80 EB to Rt 23 NB and SB and Rt 46 WB via a new ramp connection. Adjustments to the lane configuration on the I-80 between Rt 23 and the bridge over the Passaic River to improve lane continuity will be made and modifications to the existing exit and entry ramps on I-80 to improve the merge and diverge with the mainline roadway. A number of retaining walls are anticipated in conjunction with the bridge and ramp construction.

Counties: Passaic Essex Municipalities: Wayne Twp Fairfield Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP		\$3.400								
ROW	STATE			\$0.500							
UTI	NHPP			\$1.500							
CON	NHPP				\$30.400						

**06366C Route 46, Route 23 (Pompton Avenue) to Route 20, ITS**

To better manage and improve traffic conditions along the corridor, the following concepts will be evaluated in the CD phase: deployment of ITS devices that will complement present ITS equipment, minor improvements to address roadway constraints without right of way acquisition, and updates/upgrades to existing traffic signal equipment.

Counties: Passaic Municipalities: Wayne Twp Totowa Boro Little Falls Twp Clifton City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP			\$6.395							

**06366B Route 46, Route 287 to Route 23 (Pompton Avenue), ITS**

To better manage and improve traffic conditions along the corridor, the following concepts will be evaluated in the CD phase: deployment of ITS devices that will complement present ITS equipment, minor improvements to address roadway constraints without right of way acquisition, and updates/upgrades to existing traffic signal equipment.

Counties: Morris Essex Passaic Municipalities: Parsippany-Troy Hills Twp Montville Twp Fairfield Boro Wayne Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP					\$11.404					

**11415 Route 80, Riverview Drive (CR 640) to Polify Road (CR 55)**

This project will reconstruct 9 miles of I-80 Westbound pavement & structures from milepost 56.4 to 65.4 in Passaic County (Woodland Park Borough and the City of Paterson) and in Bergen County (Elmwood Park Borough, Saddle Brook Township, Lodi Borough and the City of Hackensack). In addition there will be a widening of Rt 80 in the WB direction from MP 58.9 to 60.5. The project limits are from approximately 0.2 mile east of the Squirrelwood Road (CR 636) Interchange in Woodland Park Borough, Passaic County to approximately 0.1 mile west of the S. Summit Rd (CR 57) Interchange in the City of Hackensack, Bergen County. Structures located within the project limits are: 1610-156, 1610-158, 1610-171, 1610-159, 1610-160, 1610-165, 1610-166, 1610-167, 1610-170, 1610-152; 0225-150, 0225-151, 0225-154, 0225-155, 0225-156, 0225-157, 0225-158, 0225-159; 1609-161, 1609-160; 0225-162, 0225-164, 0225-166, 0225-167, 0225-168; 0226-150, 0226-151

Counties: Passaic Bergen Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP			\$10.000	\$18.241						
ROW	NHFP					\$3.160					
CON	NHFP						\$42.677	\$45.338	\$48.151	\$51.126	\$54.271
CON	NHPP						\$37.323	\$34.662	\$31.846	\$28.874	\$23.329

**11606 Sixth Avenue (CR 652), Bridge over Passaic River**

The Sixth Avenue Bridge (Structure No. 1600-012), designated County Route 652, crosses over the Passaic River connecting the City of Paterson, Borough of Prospect Park and Borough of Hawthorne. The bridge was originally constructed in 1900, and in 1987 the superstructure was replaced with a temporary steel truss structure. Due to structure deficiencies and substandard features, the bridge is in need of replacement. The project involves replacing the existing bridge with a new 3-span steel multi-girder continuous bridge with reinforced concrete deck slab.

Counties: Passaic Municipalities: Paterson City Prospect Park Boro Hawthorne Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STBGP-NY/NWK		\$3.000								
ROW	STBGP-NY/NWK				\$0.300						
CON	STBGP-NY/NWK					\$15.000					

**16308 Taft Avenue, Pedestrian Bridge over Route 80**

Initiated by the Bridge Management System, this project will reconstruct the structurally deficient and functionally obsolete bridge.

Counties: Passaic Municipalities: Woodlawn Park Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP	\$0.850									
ROW	STATE		\$0.100								
CON	NHPP			\$3.830							

# Somerset County Projects

## 15418 ADA Central, Contract 2

This contract will bring projects into compliance with current ADA design requirements that could not be completed within original design or construction time frame.

Counties: Monmouth Somerset Middlesex      Municipalities: Various  
Mercer

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	STBGP-FLEX		\$1.300								
CON	STBGP-FLEX			\$11.750							

## 15419 ADA Central, Contract 3

This contract will bring projects into compliance with current ADA design requirements that could not be completed within original design or construction time frame.

Counties: Somerset Middlesex Hunterdon      Municipalities: Various  
Warren

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-FLEX			\$9.800							

## 99405 Camp Meeting Avenue Bridge over Trenton Line, CR 602

Initiated by the Bridge Management System, this project will replace the "orphan" structure, which is in critical condition. The replacement of this structure will be designed so as not to preclude improvements needed to reintroduce passenger service to the West Trenton Line, as well as increasing the height of the bridge to allow the current tracks to be raised to address ongoing railroad operational issues, as identified in the NJTPA Grade Crossing Assessment Study. The current bridge provides a single lane of traffic, has steep grades on the approaches and has substandard vertical sight distance. The new bridge will be wider to accommodate two traffic lanes, and the grade and vertical sight distance will also be improved.

Counties: Somerset      Municipalities: Montgomery Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-OS-BRDG				\$7.700						

## N1407 County Bridge K0607, New Brunswick Road over Al's Brook

Somerset County Bridge No. K0607, New Brunswick Road over Al's Brook in Franklin Township is a structurally deficient structure with an overall condition of the structure is serious "due to the deformation and bucking of the aluminum structure plate arch sections." The project has graduated from the NJTPA's Local Concept Development phase with a preliminary preferred alternative of replacing the structure on-line, accelerated construction.

Counties: Somerset      Municipalities: Franklin Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-NY/NWK	\$2.500									

## 15322 Delaware & Raritan Canal Bridges

Initiated by the Bridge Management System, this project provides for Concept Development studies on the following structures along the Delaware and Raritan Canal: Carnegie Road, Bridge over D&R Feeder Canal; County Route 571 (Washington Road), Bridge over D&R Canal; Landing Lane (CR 609), Bridge over D&R Canal; Route 206, Bridge over D&R Feeder Canal; Hermitage Avenue, Bridge over D&R Feeder Canal; River Drive, Bridge over D&R Feeder Canal; Bridge over D&R Feeder Canal at Lock No. 3; Coryell Street, Bridge over D&R Feeder Canal; CR 533 (Quaker Road), Bridge over D&R Canal; Manville Causeway (CR623), Bridge over D&R Canal; Chapel Drive at CR 623, Bridge over D&R Canal. The project also provides emergency superstructure replacement and substructure rehabilitation for CR 518 (Georgetown-Franklin Rd), Bridge over D&R Canal and an emergency total structure replacement of CR 514 (Amwell Road), Bridge over D&R Canal.

Counties: Mercer Hunterdon Middlesex      Municipalities: Various  
Somerset

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STBGP-FLEX	\$8.350	\$5.000	\$5.000	\$10.000	\$10.000	\$10.000	\$10.000			

**14416 Hamilton Road, Bridge over Conrail RR**

Initiated by the Bridge Management System, this project will replace the orphan bridge, built in 1918. The alternative is to remove the existing bridge and replacing with a new bridge. Pavement work to mill and resurface the immediate approaches to tie in with the proposed bridge approach slabs. Minor widening will be required to transition from the existing roadway cross section to the proposed bridge cross section. The existing 94'-0" clear span will be increased to 145'-0" in order to clear the CSXT right-of-way and will meet the NJDOT minimum vertical under clearance of 23'-0". The existing lateral under clearance will be increased to avoid construction within the railroad right-of-way. A 6'-0" wide sidewalk will be provided on the north side of the bridge.

Counties: Somerset Municipalities: Hillsborough Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STBGP-OS-BRDG	\$1.100									
ROW	STATE			\$0.500							
CON	STBGP-OS-BRDG					\$8.150					

**13318 Route 28, Rt 287 to CR 525 (Thompson Avenue)**

A police officer from the Bound Brook Police Department submitted a Problem Statement letter that detailed a 0.13 mile stretch of Route 28, from East of I-287 to the Tea Street intersection. This area's geometry is characterized by four narrow lanes with no shoulder and no median. This area has had two fatal accidents between 2005 and 2011, including a cross-over collision. Although NJDOT erected signs preventing left turns on Route 28, vehicles are disobeying the signs.

Counties: Somerset Municipalities: Bound Brook Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP		\$1.600								
ROW	NHPP			\$1.180							
CON	NHPP					\$3.490					

**18601 Route 78, Route 22 to Drift Road/Dale Road**

Building ITS infrastructure in the corridor for Traffic Operation needs due to congestion and high crashes.

Counties: Hunterdon Somerset Warren Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE	\$2.100									
CON	NHPP									\$16.475	

**14415 Route 202, Bridge over North Branch of Raritan River**

Initiated by the Bridge Management System, this project will replace the structurally deficient and functionally obsolete bridge, built in 1922.

Counties: Somerset Municipalities: Bedminster Twp Far Hills Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STBGP-OS-BRDG	\$0.600									
ROW	STBGP-OS-BRDG				\$0.500						
CON	STBGP-OS-BRDG						\$7.000				

**15381 Route 202, Childs Rd/N Maple Ave (CR 613) to Academy Road**

Federal Resurfacing/Rehab project.

Counties: Morris Somerset Municipalities: Bernards Twp Harding Twp Morristown Twp Morris Plains Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP	\$10.400									

**02372B Route 202, First Avenue Intersection Improvements**

Initiated by the Project Development Work Program, this project, a breakout from DBNUM 02372, will provide improvements to the existing intersection, enhance the operational capabilities, and reduce the chronic congestion.

Counties: Somerset Municipalities: Raritan Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	CMAQ			\$6.042							

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**11363 Route 202/206, over Branch of Peter's Brook, Culvert Replacement at MP 27.96**

Initiated by the Bridge Management System, this project will repair/replace the culvert within the project limits.

Counties: Somerset

Municipalities: Bridgewater Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	STATE			\$0.500							
CON	NHPP				\$4.000						

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**780B Route 206, Doctors Way to Valley Road**

This project, a breakout of "Route 206, Old Somerville Road to Brown Avenue (15N)" (Southern section), will provide congestion relief, and operational and safety improvements. The project will include widening from two lanes to four lanes, revision of three existing traffic signals and replacement of the bridge over Royce Brook. This project will be bicycle/pedestrian compatible.

Counties: Somerset

Municipalities: Hillsborough Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP	\$38.250									

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**780A Route 206, Valley Road to Brown Avenue**

This project, a breakout of "Route 206, Old Somerville Road to Brown Avenue (15N) (Northern Section)", will provide congestion relief, and operational and safety improvements. The project will include widening from two lanes to a four lane dualization, relocation of two existing traffic signals (adding two new jug handles) and replacement of the railroad bridge over Route 206. This project will be bicycle/pedestrian compatible.

Counties: Somerset

Municipalities: Hillsborough Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	NHPP		\$5.000								
UTI	NHPP			\$7.000							
CON	NHPP					\$18.000	\$18.000	\$19.000			

# Sussex County Projects

## 15412 ADA North, Contract 2

This contract will bring projects into compliance with current ADA design requirements that could not be completed within original design or construction time frame.

Counties: Sussex Morris Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-FLEX	\$2.775									

## 09319 Route 15, Bridge over Paulins Kill

Initiated from the Bridge Management System, this project will replace the existing bridge with a precast reinforced concrete three-sided rigid frame that will accommodate a 12' lane, 8' shoulder and 6' sidewalk in the northbound direction and a 15' lane and 7' sidewalk in the southbound direction. ADA compliant sidewalk and curb ramps will be provided to extend the southbound sidewalk to the driveway of Lafayette Center Preservation Foundation.

Counties: Sussex Municipalities: Lafayette Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	STATE		\$0.250								
CON	NHPP			\$3.500							

## 96039 Route 23, Hardyston Township Improvements

This project provides safety, operational and drainage improvements within three sections of Route 23 in Hardyston Twp., Sussex County; Northern/Laceytown Road, East Shore Road, and Holland Mountain Road. Within the Northern/Laceytown Road and the East Shore Road sections, localized operational and safety enhancements will be implemented with; minor geometric improvements, drainage upgrades, pavement resurfacing, pavement striping and marking and other safety countermeasures. The Holland Mountain Road section will be extensively reconstructed to improve intersection operation and enhance safety. This work will consist of widening Route 23 and Holland Mountain Road to accommodate through traffic and all turning movements at the intersection. A two-way left turn lane will be constructed on Route 23, at the Holland Mountain intersection, extending approximately 2,500 feet (0.45 mile) north of the intersection. A portion of Snufftown Road will also be reconstructed to improve the intersection alignment with Route 23 and Holland Mountain Road. A new traffic signal at the Route 23/Holland Mountain Road/Snufftown Road intersection will also be constructed.

Counties: Sussex Municipalities: Hardyston Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP		\$12.800								

## 15391 Route 94, Pleasant Valley Drive to Maple Grange Road

Initiated from the Pavement Management System, this project will resurface within the project limits.

Counties: Sussex Municipalities: Vernon Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-FLEX			\$6.000							

# Union County Projects

## 17339 Kapkowski Road - North Avenue East Improvement Project

This project involves the traffic signal and roadway improvements to five existing antiquated signalized intersections to current MUTCD standards in the City of Elizabeth. The intersections include the following locations: North Avenue East / Dowd Avenue / Division Street Intersection; Veterans Memorial Drive / Trumbull Street / Third Street Intersection; Division Street / Trumbull Street Intersection, and Underpass Road Lowering; Trumbull Street / Dowd Avenue Intersection; and North Avenue East / Kapkowski Road Intersection. This project is to improve visibility of motorists, reposition traffic and pedestrian signals to more appropriate locations by installing new traffic signal poles and mast arms, installing video detection and CCTV on the mast arms, upgrade pedestrian signals to count down type push button activation, upgrade the signals to Light Emitting Diodes (LED), replace the existing traffic signal controllers and cabinets, install public sidewalk curb ramps with detectable warning surfaces where possible, add mast-arm mounted LED street name signs, replace the existing regulatory signs with signs conforming to the MUTCD Manual, improve drainage, curbing, sidewalks, roadway subbase, repaving, and restripe the crosswalks, stop bars and roadway center lines. The project also includes the lowering of the roadway under the Central Railroad bridge at the Division Street / Trumbull Street intersection to allow for a 14'-6" clearance. The current clearance is 12'-6". The improved clearance will eliminate a bottleneck and allow trucks to safely navigate this important area and avoid detours into residential neighborhoods. The underpass has a history of being struck by trucks. The following federal appropriations were allocated to this project: DEMO ID# NJ272, DEMO ID# NJ200, DEMO ID# NJ258.

Counties: Union Municipalities: Elizabeth City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PE	DEMO	\$0.510									
DES	DEMO		\$1.300								
ROW	DEMO			\$0.500							
CON	DEMO				\$11.210						

## 95023 Route 1&9, Interchange at Route I-278

The project improves the Rt. 1&9 interchange with I-278 to provide the missing ramp connections from I-278 WB to Rt. 1&9 NB and Rt. 1&9 SB to I-278 EB. Rt. 1&9 SB will connect with I-278 EB via a new forward loop ramp which crosses both directions of Rt. 1&9 on structure and connects to I-278 WB east of Rt. 1&9. The existing I-278 WB connection to Rt. 1&9 SB will remain while the existing I-278 bridge over Rt. 1&9 NB will be replaced with a longer structure allowing the new direct ramp connecting I-278 WB with Rt. 1&9 NB to pass under I-278 WB prior to connecting to Rt. 1&9 NB. The new ramps enter and exit I-278 from the left side of the roadway. The project also improves the level of service of the Rt. 1&9 NB / Park Ave intersection by widening the intersection and providing double left turn lanes from Rt. 1&9 to Park Ave.

Counties: Union Municipalities: Linden City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP			\$3.300							
DES	OTHER			\$10.000							
ROW	NHPP					\$4.000					
ROW	OTHER					\$9.500					
UTI	NHPP						\$3.400				
UTI	OTHER						\$6.800				
CON	NHPP							\$6.300			
CON	OTHER							\$90.000			

## 14330 Route 22, Bridge over Echo Lake

Initiated by the Bridge Management System, this project will replace the structurally deficient bridge, built in 1929.

Counties: Union Municipalities: Mountainside Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	STATE	\$0.300									
CON	STATE		\$2.050								

## 18373 Route 22, Broad Street (CR 623) to Route 27 (Empire Street)

Pavement resurfacing for Route 22, Broad Street (CR623) to Route 27/Empire Street. Pavement resurfacing to extend functional life.

Counties: Union Essex Municipalities: Hillside Twp Newark City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP			\$2.500							

**04361 Route 22, Chestnut Street Bridge Replacement (CR 626)**

Initiated by the Bridge Management System, this project will rehabilitate the structurally deficient and functionally obsolete bridge, built in 1929.

Counties: Union Municipalities: Union Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP		\$14.700	\$14.000							

**658A Route 22/Route 82/Garden State Parkway Interchange**

This project will improve safety and geometric deficiencies and streamline access within the interchange by removing weaving sections. The project will also include widening and deck replacement for the Route 22 Westbound Bridge over Route 82.

Counties: Union Municipalities: Union Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
UTI	STATE	\$0.250									
CON	NHPP					\$8.000	\$23.500				

**16303 Route 27 NB (Cherry Street), Bridge over Conrail**

Problem Statement submitted by the BMS for a Tier 1 Screening. The structure is classified as structurally deficient due to serious condition of superstructure and poor condition of deck and substructure. The overall condition of the structure is serious due to the superstructure condition. The structure is fracture critical due to the Non Redundant (Load Path) Two Truss Configuration. The bridge has a sufficiency rating of 44.8 and is considered Prioritization Category Number 2.

Counties: Union Municipalities: Elizabeth City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP			\$1.900							
CON	NHPP					\$8.150					

**15371 Route 27, Dehart Place to Route 21**

Initiated by the Pavement Management System, the project will mill 3" depth and resurface with 3" thick asphalt on the North and South Bound Route 27 mainline and shoulder. The Route 27 ramps, both North and South Bound will also mill 3" and resurface with asphalt 3". A construction of ADA compliant curb ramps at each corner of an intersection where a sidewalk exists will be built at all 33 signalized intersections and 34 un-signalized intersections. Damaged sidewalks will be repaired and drainage grate inlets will be replaced with bicycle safe grates. Right-of-Way is required for the construction of ADA compliant curb ramps.

Counties: Union Essex Municipalities: Elizabeth City Newark City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP	\$13.264									

**15371A Route 27, Prince Street/Magnolia Avenue and Empire Street/Route 22 Intersections**

Intersection Improvements at 2 locations to address safety.

Counties: Union Essex Municipalities: Elizabeth City Newark City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	HSIP		\$3.175								

**15392 Route 35, Route 9 to Colonia Boulevard**

Initiated from the Pavement Management System, this project will resurface within the project limits.

Counties: Middlesex Union Municipalities: Sayreville Boro Perth Amboy City Woodbridge Twp Rahway City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP					\$15.700					

**11404 Route 82, Caldwell Avenue to Lehigh Avenue**

The Pedestrian Safety Evaluation for Route 82, as part of the Pedestrian Safe Corridor Program, identified specific pedestrian safety deficiencies and countermeasures to remove barriers that prohibit safe walking primarily at intersections. At appropriate locations, these measures include; installing pedestrian countdown signal heads, installing ADA-compliant ramps, revising traffic signal timings for appropriate pedestrian clearance times, clearly defining school zones, etc. Pavement resurfacing will also be performed within the project limits.

Counties: Union Municipalities: Union Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	HSIP	\$10.207									

**94019 Route 82, Rahway River Bridge**

Initiated by the Bridge Management System, this project will replace the structurally deficient and functionally obsolete bridge, built in 1872. The bridge also has flooding problems. The project will provide a 60' precast arch bridge with stone masonry facade. Flooding mitigation is inherent in the structural alternative, which will result in decreased flood levels and arch barrel clogging at the structure. In terms of community and environment, the historic and architectural features are fully preserved.

Counties: Union Municipalities: Springfield Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP	\$1.800									
ROW	STATE		\$0.250								
CON	NHPP				\$7.300						

# Warren County Projects

## 15419 ADA Central, Contract 3

This contract will bring projects into compliance with current ADA design requirements that could not be completed within original design or construction time frame.

Counties: Somerset Middlesex Hunterdon Municipalities: Various  
Warren

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-FLEX			\$9.800							

## 15411 ADA North, Contract 1

This contract will bring projects into compliance with current ADA design requirements that could not be completed within original design or construction time frame.

Counties: Warren Morris Municipalities: Knowlton Twp Mt Olive Twp Netcong Boro

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-FLEX	\$4.500									

## 09325 Route 31, Bridge over Furnace Brook

This project will replace the structurally deficient bridge, built in 1920. Pedestrian facilities on the bridge, and at the adjacent Route 31/Wall Street intersection, will be upgraded to meet current standards and ADA compliance. In addition, improvements to the traffic signal, the substandard Southbound shoulder, and guidrail will be provided.

Counties: Warren Municipalities: Oxford Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE		\$1.100								
ROW	STATE			\$0.500							
CON	NHPP				\$4.250						

## 12422 Route 31, Franklin Road (CR 634) to Route 46

Initiated from the Pavement Management System, this project will resurface within the project limits.

Counties: Warren Municipalities: Washington Twp Washington Boro Oxford Twp White Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP			\$6.300							

## 11340A Route 46, Route 80 to Walnut Road

Initiated from the Pavement Management System, this project will reconstruct pavement within the project limits.

Counties: Warren Municipalities: Knowlton Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP		\$1.000								
ROW	NHPP			\$0.500							
CON	NHPP				\$12.450						

## 16345 Route 57, Bridge over Branch Lopatcong Creek

Problem Statement submitted by BMS for Tier 1 Screening. It is recommended for replacement.

Counties: Warren Municipalities: Lopatcong Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PE	NHPP	\$0.250									
DES	NHPP		\$0.850								
ROW	STATE			\$0.250							
CON	NHPP				\$2.750						

**97062B Route 57, CR 519 Intersection Improvement**

The project will provide operational and safety improvements at the Rt. 57 and CR 519 intersection. The intersection approaches will be widened to provide turning lanes and shoulders. The project includes replacement of two structures over the Lopatcong Creek; the existing bridges, on Rt. 57, immediately to the east of the intersection and on Rt. 519, immediately to the north of the intersection will be demolished and reconstructed further away from the immediate vicinity of the intersection. In order to accomplish this, the Lopatcong Creek will also be relocated.

Counties: Warren Municipalities: Lopatcong Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	NHPP		\$1.000								
CON	NHPP				\$16.450						

**18601 Route 78, Route 22 to Drift Road/Dale Road**

Building ITS infrastructure in the corridor for Traffic Operation needs due to congestion and high crashes.

Counties: Hunterdon Somerset Warren Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE	\$2.100									
CON	NHPP									\$16.475	

**11322 Route 94, Bridge over Jacksonburg Creek**

Initiated by the Bridge Management System, this project will replace the structurally deficient and functionally obsolete bridge, built in 1872. Incidental roadway approach work, including milling & paving and the replacement of the guiderail in order to upgrade to current standards as required, will also be included in the project.

Counties: Warren Municipalities: Blairstown Twp

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	STATE		\$1.000								
CON	STBGP-OS-BRDG				\$6.100						

# FY 2020 Transportation Capital Program

## NJDOT Statewide and Regionwide Programs

### X12 Acquisition of Right of Way

This program funds advanced acquisition and/or demolition of; key right of way parcels, easements, transportation facilities, and access and development rights, in order to preserve transportation corridors for future transportation use.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	STATE	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500

### 13303 Active Traffic Management System (ATMS)

This program will provide funding for the deployment program for the first Active Traffic management System (ATMS) in the State including all phases of design. This program will include funding for the complete delivery of the Final Design document for Active Traffic Management System (ATMS) for a candidate highway (I-80, I-295 or I-78). The design document will be used to deploy and carry out the actual construction of this technology for automatic operation and handling of traffic.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	CMAQ	\$3.000	\$1.000								

### 11344 ADA Curb Ramp Implementation

This program was initiated from a Federal Highway Administration (FHWA) request of the NJDOT to complete an Americans with Disabilities Act (ADA) Curb Ramp Inventory, and to develop a Curb Ramp Implementation Program. A priority list of locations that are missing ADA curb ramps was developed, and funding provided by this program will be applied to projects that are missing ADA curb ramps statewide.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000
ERC	STBGP-FLEX	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000

### 15413 ADA North, Contract 3

This contract will bring projects into compliance with current ADA design requirements that could not be completed within original design or construction time frame.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-FLEX	\$0.500									

### 19315 Aeronautics UAS Program

This program provides funding for NJDOT's Unmanned Aircraft System (UAS) program including but not limited to staff training, equipment purchase, attending UAS related conferences, UAS research, purchase hardware and software, travel expenses, staff support and consultant services to support NJDOT's UAS program.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500

### 08415 Airport Improvement Program

This program provides funding for grants awarded by the Commissioner of the NJDOT pursuant to a competitive application process for project types, including but not limited to, safety, preservation, rehabilitation, and capital improvements (such as runway, taxiway and apron improvements, airport lighting and navigational aids, aviation fuel farms, automated weather observation systems, airport security, and airport access roads). Such grants may be used at public-use general aviation airports for; aviation planning purposes, aviation education and promotion programs, aviation studies, airport feasibility studies, and/or to provide funds which will help match and capture federal funds. This program may also fund capital improvements to airports owned by the state.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000

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**01335 Betterments, Dams**

This program provides funding for NJ Department of Environmental Protection mandated cyclic (2 year) inspections and the preparation and maintenance of Emergency Action Plans (EAP), Operations and Maintenance Manuals (O&M) and Hydrology and Hydraulics (H&H) engineering studies for NJDOT owned dams. If needed, minor improvements will be provided for hydraulically inadequate dams located on the state highway system.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-FLEX	\$0.300	\$0.100	\$0.300	\$0.100	\$0.300	\$0.100	\$0.300	\$0.100	\$0.300	\$0.100

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**X72B Betterments, Roadway Preservation**

This is an ongoing program of minor improvements to the state highway system for miscellaneous maintenance repair contracts, repair parts, miscellaneous needs for emergent projects, handicap ramps, and drainage rehabilitation/maintenance.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$20.000	\$18.000	\$20.000	\$20.000	\$20.000	\$20.000	\$20.000	\$20.000	\$20.000	\$20.000

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**X72C Betterments, Safety**

This is an ongoing program of minor improvements to the state highway system such as beam guide rail and impact attenuators, as well as safety fencing.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$16.000	\$16.000	\$16.000	\$16.000	\$16.000	\$16.000	\$16.000	\$16.000	\$16.000	\$16.000

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**X185 Bicycle & Pedestrian Facilities/Accommodations**

This is a comprehensive program to insure the broad implementation of the Statewide Bicycle and Pedestrian Master Plan, Complete Streets Policy and the implementation of federal and state policies and procedures pertaining to bicycle, pedestrian, transit and ADA access and safety. This program includes addressing bicycle, pedestrian, transit and ADA travel needs through the development of improvements on state, county and local system either by independent capital projects or through grants to counties and municipalities. Projects must make full consideration for the needs of all users.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	CMAQ	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500
ERC	STATE	\$4.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000
ERC	TA-FLEX	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500

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**X07F Bridge and Structure Inspection, Miscellaneous**

This program will provide funding for the inspection of miscellaneous types of structures such as highway-carrying tunnels, pedestrian bridges, and limited safety inspections of railroad bridges over state roadways to ensure the safety of the motoring public. Inspection of miscellaneous types of structures such as highway-carrying tunnels, pedestrian bridges, and limited safety inspections of railroad bridges over state roadways to ensure the safety of the motoring public.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$0.300	\$0.200	\$0.450	\$0.100	\$0.400	\$0.250	\$0.450	\$0.150	\$0.400	\$0.250

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**03304 Bridge Deck/Superstructure Replacement Program**

This program will provide funding for design and construction of deck preservation, deck replacement and superstructure replacement projects in various locations throughout the state. This is a statewide program which will address an approved priority listing of deficient bridge decks. This program will also provide funding for recommendations, survey, aerial photography, photogrammetry, base mapping and engineering.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	NHPP	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$24.000
ERC	NHPP	\$30.000	\$30.000	\$30.000	\$30.000	\$30.000	\$30.000	\$30.111	\$30.000	\$30.000	\$140.000
ERC	STBGP-OS-BRDG	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$5.000	\$5.544	\$5.497	\$5.497	\$5.497

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**98315 Bridge Emergency Repair**

This program allows the NJDOT to provide emergency bridge repairs through various Bridge Maintenance Contracts (i.e., Concrete Structural Repair, Structural Steel Repair, and Timber Structure Repair contracts). The program also allows the NJDOT to obtain emergency technical consultant assistance, for inspection and repair design, when the safety of a bridge(s) is compromised due to unavoidable circumstances (a collision, flood damage, etc.) These consultants will be available to assist NJDOT personnel on an as-needed basis.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$83.000	\$83.000	\$85.000	\$85.000	\$85.000	\$85.000	\$85.000	\$85.000	\$85.000	\$85.000

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**X07A Bridge Inspection**

This program provides regular structural inspection of state highway, NJ Transit highway-carrying bridges and local bridges as required by federal law. This program also enables the in-depth scour evaluation of potentially scour susceptible bridges. This program also provides regular inspection of State-owned tunnels.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	NHPP	\$12.900	\$11.900	\$11.900	\$11.900	\$11.900	\$11.900	\$11.900	\$11.900	\$11.900	\$11.900
EC	STBGP-FLEX	\$7.140	\$7.680	\$7.680	\$7.680	\$7.680	\$7.680	\$7.680	\$7.680	\$7.680	\$7.680
EC	STBGP-OS-BRDG	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000

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**14404 Bridge Maintenance and Repair, Movable Bridges**

This Operations program allows the NJDOT to provide emergency movable bridge and tunnel repairs on a 24/7 basis. The funding will be utilized to address priority structural repair deficiencies, and Public Employees' Occupational Safety and Health Act (PEOSHA) violations, that are identified during in-depth inspections. Movable bridges are required to operate on-demand and adhere to drawbridge operation regulations pursuant to title 33, Code of Federal Regulations.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$28.500	\$28.500	\$28.500	\$28.500	\$28.500	\$28.500	\$28.500	\$28.500	\$28.500	\$28.500

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**17357 Bridge Maintenance Fender Replacement**

This is an ongoing program to replace bridge fender and pier protection system elements that are in poor and critical condition. Fender systems and waterways are regulated by the U.S. Coast Guard and are required to be maintained in good working condition by the Code of Federal Regulations.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	NHPP	\$9.000	\$9.000	\$9.000	\$9.000	\$9.000	\$9.000	\$9.000	\$9.000	\$9.000	\$9.000
ERC	STBGP-FLEX	\$9.000	\$9.000	\$9.000	\$9.000	\$9.000	\$9.000	\$9.000	\$9.000	\$9.000	\$9.000

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**17358 Bridge Maintenance Scour Countermeasures**

This is an ongoing program to proactively install scour countermeasures on the worst scour critical bridges. Scour countermeasures will protect bridges from storms and flooding events which can undermine their substructures.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	NHPP	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000
ERC	STBGP-FLEX	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000

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**X70 Bridge Management System**

This is a program for the development, improvement, and implementation of New Jersey's Bridge Management System, a computerized system of analyzing bridge rehabilitation and replacement needs.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-FLEX	\$1.250	\$1.250	\$1.250	\$1.250	\$1.250	\$1.250	\$1.250	\$1.250	\$1.250	\$1.250

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**13323 Bridge Preventive Maintenance**

This program provides funding for bridge preservation activities (including painting, deck repairs, and substructure repairs) as a means of extending structure life. Painting contracts shall include painting of steel on various structures, as an anti-corrosion measure, and will be awarded based on an approved list of bridges considering the availability and regional breakdown of funding. Preventive maintenance contracts shall include deck repairs, header reconstruction, curb reconstruction, joint resealing, substructure concrete repairs, and sealing of entirestructures, with structures systematically prioritized by corridor or geographical area. Both painting and preventive maintenance contracts are awarded to preserve and prolong the useful service life of bridges, in accordance with the NJDOT Bridge Preventive Maintenance Program.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	NHPP	\$20.000	\$20.000	\$20.000	\$20.000	\$20.000	\$20.000	\$20.000	\$20.000	\$20.000	\$20.000
EC	STATE	\$40.000	\$40.000	\$40.000	\$40.000	\$40.000	\$40.000	\$40.000	\$40.000	\$40.000	\$40.000
EC	STBGP-FLEX	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000

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**08381 Bridge Replacement, Future Projects**

This program provides funding for future projects related to bridge rehabilitations and replacements, statewide.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	NHPP	\$4.165	\$6.505	\$6.353	\$8.375	\$8.056	\$30.649	\$30.997	\$26.992	\$118.259	\$76.257
ERC	STATE	\$1.326	\$2.634	\$6.396	\$21.111	\$26.791	\$25.836	\$26.007	\$24.995	\$31.149	\$114.000

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**98316 Bridge Scour Countermeasures**

This program provides funding for bridge scour countermeasure contracts, which provide critical protection to various bridge substructure elements, extending the life of state bridges which span waterways. These contracts will be awarded based on an approved list of bridges considering the availability and regional breakdown of funding.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$0.200	\$0.200	\$0.200	\$0.200	\$0.200	\$0.200	\$0.200	\$0.200	\$0.200	\$0.200

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**02379 Congestion Relief, Intelligent Transportation System Improvements (Smart Move Program)**

This program provides funding for low-cost, quick-turnaround intelligent transportation system (ITS) improvements, which improve traffic flow and provide traveler information on the state's transportation system. This program will provide for the deployment of these systems through either separate ITS projects, or inclusion of ITS within existing roadway and bridge infrastructure preservation projects to ensure implementation of ITS at a minimum cost and a minimum disruption to traffic during construction. Design support to add ITS components and/or standards may be accomplished through using consultants. ITS equipment are long lead time items and this program will allow procurement to proceed in advance and then to be installed in the first stages to also assist in the mitigation of traffic impacts during construction of those projects. ITS equipment may include Dynamic Message Signs, which provide real time traffic information, in strategic locations to allow the motoring public to make informed decisions on possible alternatives.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000

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**X180 Construction Inspection**

In order to provide inspection of construction projects on an as-needed basis, the NJDOT provides term agreements. This service also provides materials inspection of structural steel and precast concrete produced at out-of-state fabrication facilities.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$11.000	\$11.000	\$11.000	\$11.000	\$11.000	\$11.000	\$11.000	\$11.000	\$11.000	\$11.000

**05304 Construction Program IT System (TRNS.PORT)**

This program will provide a replacement system for the current information technology (IT) systems supporting the Estimating through Awarding of Construction Projects. It will also implement IT systems for Construction Management, Materials and Civil Rights including annual licensing fees.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$1.300	\$1.600	\$1.900	\$2.200	\$2.500	\$3.800	\$3.800	\$3.800	\$3.800	\$3.800

**X242 Crash Reduction Program**

The state's Strategic Highway Safety Plan (SHSP) influences the decisions for investment planning. SHSP emphasis-areas guide problem identification in the Highway Safety Improvement Program (HSIP). The Crash Reduction Program (CRP) is a comprehensive program of safety improvements designed to improve conditions at locations identified by the HSIP. These enhancements may include; pavement improvements, protection or removal of fixed objects, and utility pole relocation or replacement. The CRP will also develop and implement a systemic approach to the installation of lane and roadway departure technologies, such as; rumble strips and rumble stripes, signing, and striping and high friction surface treatment to prevent vehicles from leaving their respective lanes and causing crashes, injuries, and/or deaths. In addition, the CPR will provide for the development and implementation of quick-turnaround projects at locations which show an excessive occurrence of crashes, and for remediation measures at those locations.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	HSIP	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000

**09316 Culvert Replacement Program**

This program provides funding for Culvert replacements based on results of the culvert inspection program. In the majority of cases, culverts will be replaced in the same location, with basically the same waterway opening size, and will require minimal utility involvement.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000
ERC	STBGP-FLEX	\$1.000	\$1.000	\$1.000	\$1.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000

**X142 DBE Supportive Services Program**

This is a federal grant program which provides support to individual Disadvantaged Business Enterprise (DBE) contractors through technical assistance, on-site visits, DBE conferences, newsletters, and similar types of assistance. This program will also support the technology required to monitor, maintain and create reports on program particulars and DBE progress.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-FLEX	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500

**X106 Design, Emerging Projects**

This program provides initial funding for Capital Program Management task order agreements as well as projects emerging from concept development. Funding is also provided for review of projects and for advanced design services which include, but are not limited to the following functions: development of base plan for final design; location of existing features within footprints, such as project monumentation, topography, utilities and drainage, using Subsurface Utility Engineering (SUE), General Field survey, Global Positioning System survey, Primary Control survey and Aerial photography; geotechnical work, specifically soil borings; administrative work needed to set budgets and manpower for right of way acquisition; asbestos surveying or plans, specifications and air monitoring for abatement process.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE	\$17.000	\$16.000	\$17.000	\$17.000	\$17.000	\$17.000	\$17.000	\$17.000	\$17.000	\$17.000
DES	STBGP-FLEX	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000

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**05342 Design, Geotechnical Engineering Tasks**

This program will provide funding for term agreements to obtain consultant services to perform Geotechnical Services for various projects within the geographical confines of the state of New Jersey. The work covered by this agreement will be limited to Geotechnical Engineering Services and consists of two major tasks: conducting subsurface exploration programs and providing geotechnical designs and analysis for bridge and structure foundations, roadway engineering and rock engineering.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE	\$0.500		\$0.500	\$0.500		\$0.500	\$0.500		\$0.500	\$0.500

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**X197 Disadvantaged Business Enterprise**

This is a federal grant to support the development of integrated programs including training workshops, round-table discussions and business development services designed to expand the capacity of Disadvantaged Business Enterprise (DBE) firms and help them compete for public works contracts in the State and particularly with NJDOT.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-FLEX	\$0.100	\$0.100	\$0.100	\$0.100	\$0.100	\$0.100	\$0.100	\$0.100	\$0.100	\$1.000

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**X154D Drainage Rehabilitation & Improvements**

This program funds low-cost/high-value drainage projects on the state highway drainage system.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-FLEX	\$20.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000

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**X154 Drainage Rehabilitation and Maintenance, State**

This program provides funding for the rehabilitation and maintenance of state highway drainage systems, which may include: removal of material, video inspection, contract salary costs, retrofitting inlet covers due to Stormwater Management Regulations, acquisition and maintenance of specialized drainage equipment.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000

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**X241 Electrical Facilities**

This program provides funding for purchasing materials, and for replacement, repair, preservation, and installation of electrical facilities along the state highway system. Included in this program are; highway lighting, sign lighting, cathodic protection for bridges, road weather information systems, and traffic counting/monitoring sites.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$7.000	\$7.000	\$7.000	\$7.000	\$7.000	\$7.000	\$7.000	\$7.000	\$7.000	\$7.000

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**04324 Electrical Load Center Replacement, Statewide**

This program provide provides funding for the betterment of existing highway lighting facilities when those facilities do not comply with current electrical codes and/or replacement equipment is not available. Due to high traffic volumes, maintenance of these existing facilities is hazardous to NJDOT personnel. The use of high-mast lighting will be investigated. ROW acquisition may be required.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$5.000	\$5.300	\$5.620	\$5.960	\$6.310	\$6.690	\$7.100	\$7.520	\$7.970	\$7.970

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**17360 Emergency Management and Transportation Security Support**

This program provides funding for materials and equipment to support the Department's emergency management and transportation security plans and activities. These include resources for continuity of operations, preparedness, response, recovery and mitigation actions.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500

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**X75 Environmental Investigations**

This program provides funding for environmental assessment work-products produced on a quick-response basis through specialized task-order consultant agreements, in such areas as; ecology, hazardous waste investigations, cultural resource investigations, National Environmental Policy Act and Section 4(f) documentation. Funding is also provided for environmental permit fees, laboratory fees, and other environmental consultant agreements that require 100% state funding. This general program will also provide for cleanup of gasoline discharge from underground storage tanks.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$7.500	\$6.000	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500

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**03309 Environmental Project Support**

This program provides for environmental services for the following activities: Land Use Regulation Program permit and preparation payments; ecological surveys and studies; wetland delineations; wetland mitigation monitoring; wetland mitigation remediation; cultural resources mitigation; hazardous waste investigations and studies and payments; asbestos surveys and abatement; hydrology/hydraulic investigations and studies, permits and payments; air/noise studies; and other environmental work as required. These activities are in support of meeting environmental requirements or commitments, and preventing costly violations.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$1.000	\$1.000	\$1.100	\$1.100	\$1.100	\$1.100	\$1.100	\$1.100	\$1.100	\$1.100

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**X15 Equipment (Vehicles, Construction, Safety)**

New Jersey does not meet federal air quality standards, pursuant to the federal Clean Air Act. Air pollution from vehicles and equipment pollute the air through combustion and fuel evaporation. These emissions contribute greatly to air pollution in the State and are the primary cause of air pollution in many urban areas. This program provides funding to reduce New Jersey's carbon footprint by the direct purchase or lease/rental of replacement or new equipment to include, but not limited to the following: construction equipment, snow plow trucks, light duty trucks, passenger vehicles including vans & cars, radios, rollers, concrete mixers, asphalt spreaders, trailer-mounted arrow boards, safety trucks, portable light towers, truck-mounted attenuators, portable message boards, emergency service patrol vehicles, incident management response trucks, vehicle fuel system hardware and software, HARs trailers for diversion route planning and implementation (and all parts associated with this equipment). This equipment supports capital, safety and maintenance programs.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$25.000	\$24.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000

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**X15A Equipment, Snow and Ice Removal**

A stable funding source to be used solely for the continuous improvement of the State's ability to effectively and efficiently remove snow and ice off of the State owned highways and byways. This program will provide direct purchase or replacement of snow and ice removal equipment. Examples of equipment and or stationary assets to include but not limited to; brine manufacturing units, brine distribution equipment, snow plows, salt spreaders, specialized snow fighting equipment, brine manufacturing and calcium dispenser Capital improvements. Part of the funding will be used to replace aging snow equipment that is beyond its functional or useful life.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000

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**00377 Ferry Program**

This program provides federal funding, distributed annually by formula to states, to construct ferry boats and ferry terminal facilities.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	FBP	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000

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**X201 Guiderail Upgrade**

This program will provide funding for the design and construction of guide rail replacement, statewide. Upgrade and replace guide rail to meet current standards.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	NHPP	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000
EC	STATE	\$2.500	\$1.000	\$2.500	\$2.500	\$2.500	\$2.500	\$2.500	\$2.500	\$2.500	\$2.500

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**97008 High-Mast Light Poles**

This program will provide funding for upgrade and replacement of high mast light towers to meet current standards. Upgrade and replace high mast light towers to meet current standards.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	NHPP	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000
ERC	STBGP-FLEX	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000

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**09388 Highway Safety Improvement Program Planning**

This item consists of two programs: Safety Management System (SMS) safety improvement projects and Rail-Highway safety improvement projects. SMS, through guidance of the HSIP (23 CFR 924), identifies, prioritizes and implements safety programs and projects associated with safe corridors and intersection improvement programs in an effort to reduce crashes and crash severity on New Jersey's roadways. Safe Corridor Program currently includes portions of Rt. 1, 9, 22, 40, 46, 47, 73 and 206. The Intersection Improvement Program includes right angle, left turn, same direction and pedestrian crash intersection locations. Rail-Highway Program will continue onsite inspection of public grade crossing to identify rail-highway grade crossing hazards to develop and implement rail-highway grade crossing safety improvements.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PLS	HSIP	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000

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**15343 Intelligent Traffic Signal Systems**

This program will seek to improve mobility on New Jersey's arterial highways. Arterials contribute almost 70% of total congestion that occurs in New Jersey. This program will focus on dynamically managing NJ's arterials from NJDOT's Arterial Management Center. Existing traffic signals will be strategically, systematically and programmatically upgraded from stand-alone signals to highly sophisticated, coordinated, real time traffic response traffic signals. This upgrade will consist of installing new controllers, intelligent software and algorithms, robust detection and communication. This is a plan to upgrade most of the signals on NJDOT owned highways only.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	CMAQ	\$15.000	\$10.000	\$10.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000

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**13304 Intelligent Transportation System Resource Center**

This program includes the development of a statewide Intelligent Transportation Systems (ITS) Strategic Plan, ITS Deployment Plan, and a Work Zone Mobility Monitoring Program. The center will also conduct research, operational tests, evaluation of deployment scenarios and strategies, training and outreach to develop best practices for implementation of ITS.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-FLEX	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000

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**98333 Intersection Improvement Program (Project Implementation)**

This program provides for the implementation of safety and operational improvements at intersections identified by the Highway Safety Improvement Program as having significant safety problems. This program also includes right angle, left turn and pedestrian crash occurrences at intersection locations.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	HSIP	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000
ERC	STATE	\$0.250	\$0.250	\$0.250	\$0.250	\$0.250	\$0.250	\$0.250	\$0.250	\$0.250	\$0.250

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**X151 Interstate Service Facilities**

This program provides for the development and implementation of improvements and landscaping to the network of interstate highway service facilities.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$0.525	\$0.552	\$0.580	\$0.610	\$0.640	\$0.675	\$0.705	\$0.740	\$0.776	\$0.815

**13305 Job Order Contracting Infrastructure Repairs, Statewide**

This program implements the use of Job Order Contracting to better manage and control costs associated with transportation infrastructure repairs (e.g. fixed bridge; movable bridge; roadway drainage systems; roadway repair; lighting etc.). This program utilizes a 3rd party vendor to control the bid award process for transportation projects with an estimated repair cost under \$1M per project.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-FLEX	\$10.000	\$10.000	\$10.000	\$10.000	\$10.000	\$10.000	\$10.000	\$10.000	\$10.000	\$10.000

**X137 Legal Costs for Right of Way Condemnation**

This program provides reimbursement to the Division of Law for legal work performed in connection with right of way condemnation and capital project litigation.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$1.600	\$1.600	\$1.600	\$1.600	\$1.600	\$1.600	\$1.600	\$1.600	\$1.600	

**10347 Local Aid Consultant Services**

This program provides funding for consultant services to assist local public agencies in administering projects and provide oversight to recipients receiving Local Aid funds. The program also provides overall quality assurance and quality control for the project delivery process.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-NY/NWK		\$0.200		\$0.200		\$0.200		\$0.200		\$0.200

**06327 Local Aid Grant Management System**

This program provides for the development and implementation of a web-based grant management system to facilitate customer service to grantees and enable better management of grant funds, both state and federal.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$0.160	\$0.160	\$0.160	\$0.160	\$0.160	\$0.160	\$0.160	\$0.160	\$0.160	\$0.160

**X186 Local Aid, Infrastructure Fund**

Authorizes the Commissioner of Transportation, at the commissioner's discretion, to allocate State Aid to counties and municipalities for transportation projects. Permits funding for the replacement or rehabilitation of orphan bridges. In the fiscal year commencing July 1, 2016, any amount appropriated to the Local Aid Infrastructure Fund above \$7,500,000 shall be deposited into the State Transportation Infrastructure Bank Fund, established pursuant to section 34 of P.L.2016, c.56 (C.58:11B-10.4).

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500

**X186B Local Aid, State Transportation Infrastructure Bank**

Funds appropriated to this program shall be used to provide loans or other assistance to public or private entities for the purpose of financing all or a portion of the costs incurred for the planning, acquisition, engineering, construction, reconstruction, repair or rehabilitation of a transportation project or for any other purpose permitted under the federal infrastructure bank program.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$22.600	\$22.600	\$22.600	\$22.600	\$22.600	\$20.500	\$20.500	\$20.500	\$20.500	

**08387 Local Bridges, Future Needs**

Formula-based and competitive-based funding is provided to counties for future needs related to the local bridge system.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$47.300	\$47.300	\$47.300	\$47.300	\$47.300	\$44.000	\$44.000	\$44.000	\$44.000	\$44.000

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**X065 Local CMAQ Initiatives**

Under the guidance of the Metropolitan Planning Organizations, local projects will be developed that will enhance air quality. Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds are allocated to the states for use in non-attainment and maintenance areas for projects that contribute to the attainment of the Clean Air Act standards by reducing emissions from highway sources.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	CMAQ	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500

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**06326 Local Concept Development Support**

This program provides NJDOT project management and environmental support to local governments.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PLS	STBGP-NY/NWK	\$2.925	\$2.925	\$2.925	\$2.925	\$2.925	\$2.925	\$2.925	\$2.925	\$2.925	\$2.925

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**X41B1 Local County Aid, NJTPA**

This program provides funds allocated to the counties within the NJTPA MPO area for transportation improvements under the NJ Transportation Trust Fund Act.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$105.502	\$105.502	\$105.502	\$105.502	\$105.502	\$98.110	\$98.110	\$98.110	\$98.110	\$98.110

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**17390 Local Freight Impact Fund**

Authorizes the Commissioner of Transportation, at the commissioner's discretion, to allocate State Aid to counties and municipalities for transportation projects that address the impacts of freight travel in local communities and on local transportation infrastructure. This State Aid is set aside prior to any formula allocations to counties and municipalities pursuant to the Transportation Trust Fund Act.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$30.100	\$30.100	\$30.100	\$30.100	\$30.100	\$28.000	\$28.000	\$28.000	\$28.000	

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**X98B1 Local Municipal Aid, NJTPA**

This program provides funds allocated to municipalities in the NJTPA area for transportation improvements under the NJ Transportation Trust Fund Act.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$108.499	\$108.499	\$108.499	\$108.499	\$108.499	\$100.430	\$100.430	\$100.430	\$100.430	\$100.430

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**X98Z Local Municipal Aid, Urban Aid**

This program provides funds allocated to Urban Aid for transportation improvements under the NJ Transportation Trust Fund Act.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$10.000	\$10.000	\$10.000	\$10.000	\$10.000	\$10.000	\$10.000	\$10.000	\$10.000	\$10.000

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**04314 Local Safety/ High Risk Rural Roads Program**

The Local Safety Program provides funds to counties and municipalities for the improvement of dangerous intersections and other road improvements, focusing on pedestrian and vehicular safety improvements of critical need that can be delivered in a relatively short period of time, generally less than two years from problem identification to completion of construction. This program also includes design assistance offered to counties and municipalities for the LSP projects. Depending upon the previous year crash history, this program may encompass certain set aside funding per year for High Risk Rural Roads, for safety countermeasures on rural major or minor roads, or on rural local roads. NJDOT designates as Advance Construction all projects funded from this program.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	HSIP	\$17.000	\$17.000	\$17.000	\$17.000	\$17.000	\$17.000	\$17.000	\$17.000	\$17.000	\$17.000

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**X196 Maintenance & Fleet Management System**

This program provides for the continued operation and system upgrades of the Maintenance & Fleet Management Systems. These systems provide enhanced data accumulation and cost management dissemination capabilities for maintenance operations and a required compatible data source for related systems that are required for federal funding justification (Pavement and Bridge Management Systems). Also included will be the purchase of equipment for the NJDOT fleet and funding for monthly air-time fees.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000

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**01309 Maritime Transportation System**

This program provides funding to support New Jersey's Maritime Industry and Marine Transportation System. The system includes; navigable channels, the State Channel Dredging Program and dredged material management technologies, marine environment enhancements, berth and terminal structures, related intermodal transportation facilities and corridors, shipping, receiving and cargo movement tracking systems, GPS/GIS, Vessel Traffic and Port Information Systems, Physical Oceanographic Real-Time Systems, science, technology and education programs. Navigation aides, boat building technologies, ocean habitat tracking systems and other new technologies interact to create a seamless system linking all aspects of the maritime industry into a single transportation matrix.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000	\$15.000

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**X30A Metropolitan Planning**

NJDOT supports the federally mandated Metropolitan Planning Organization transportation planning process. New Jersey Metropolitan Planning Organizations carry out a "3C" transportation planning process whereby planning activities are conducted on a continuous basis while also providing a forum for cooperative decision making among responsible state and local officials, public and private transit operators and the general public.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PLS	PL	\$9.890	\$9.890	\$9.890	\$9.890	\$9.890	\$9.890	\$9.890	\$9.890	\$9.890	\$9.890
PLS	PL-FTA	\$3.173	\$3.173	\$3.173	\$3.173	\$3.173	\$3.173	\$3.173	\$3.173	\$3.173	\$3.173
PLS	STBGP-NY/NWK	\$8.000	\$8.000	\$8.000	\$8.000	\$8.000	\$8.000	\$8.000	\$8.000	\$8.000	\$8.000

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**17341 Minor Bridge Inspection Program**

This program provides funding for regular inspections of state-owned, county-owned and locally-owned highway minor bridges (culverts) of less than 20 feet in length. New federally funded bridge inspection program. Replaces 99322 & 99322A

Counties: Various Municipalities: Statewide

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$8.800	\$6.900	\$6.900	\$6.900	\$6.900	\$6.900	\$6.900	\$6.900	\$6.900	\$7.000

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**07332 Minority and Women Workforce Training Set Aside**

State law requires that an allocation of one half of one percent for State construction contracts over \$1 million is set aside for minority and women outreach and training purposes. Training and outreach activities will have particular emphasis on contractors who do not meet workforce goals. This requirement is delineated under NJAC 17:27-7.4. NJDOT is committing to the training requirement on a programmatic level rather than on a project-by-project level.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000

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**13306 Mobility and Systems Engineering Program**

This combined program seeks to improve mobility inclusive of but not limited to Intelligent Transportation Systems (ITS), Traffic Signal Timing and Optimization, monitoring Workzone Mobility and Advanced Traveler Information System (ATIS) programs. A combined program will allow for improved, cohesive and sustainable planning, design, procurement and deployment of operations' strategies such as ITS technologies and ATIS. Federal mandates such as: (a) following and maintaining ITS Architecture, (b) preparing TMPs for major construction projects, (c) motorist's information sharing (511), (d) "Every Day Counts" initiatives, (e) incorporation of adaptive signal systems, (f) hard shoulder use, (g) performance measures and, (h) maintenance/upgrade/enhancement of existing ITS infrastructure and hardware are covered under this program. This program also includes review and development of new technology and the possible application, design, procurement, testing and deployment of such technologies. The development of contract documents and engineering plans for various projects and ITS contracts is also included. This program includes technical and engineering support needed for the Traffic Operations Centers; development, enhancement and maintenance of the existing ITS infrastructure, ATIS associated database; and funding for Multimodal Transportation Coordination and Information Related Services. This program will support NJDOT's traffic signal optimization efforts and the Arterial Management Center.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	NHPP	\$10.000	\$8.000	\$8.000	\$8.000	\$8.000	\$8.000	\$8.000	\$8.000	\$8.000	\$8.000
EC	STATE	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500
EC	STBGP-FLEX	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500

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**X233 Motor Vehicle Crash Record Processing**

This program provides the in-house Crash Records unit resources to prepare and cleanse all crash reports to be utilized for developing safety improvement programs. The staff ensure the completeness, accuracy and accessibility of crash data. This is accomplished through a cooperative effort between BTDS, OIT and other HSIP agencies in sharing issues related to the integrity of the data. This program also covers the Electronic Data Transfer (EDT) which expand the FTP capabilities to receive digital crash reports from additional law enforcement agencies. The new Crash Records EDT contract will introduce the use of electronic devices to collect information. It will enable to streamline crash records data validation, correction process and error handling.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	HSIP	\$2.500	\$2.500	\$2.500	\$2.500	\$2.500	\$2.500	\$2.500	\$2.500	\$2.500	\$2.500

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**X34 New Jersey Rail Freight Assistance Program**

This program funds the rehabilitation and improvement of key elements of the New Jersey rail freight network. Funds are used for acquisition, rehabilitation, facility construction, and substitute service assistance under the State Freight Assistance Program. The program provides matching funds to federal grants and to participate in other projects and programs that improve the intermodal goods movement network and support economic development initiatives. The program also provides funding for the design, construction, reconstruction, rehabilitation, land acquisition, and environmental mitigation of freight rail projects that: are significant to port commerce connectivity; eliminate rail freight missing links to port facilities; or upgrade freight rail trackage to a 286,000 pound load carrying capacity.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	NHFP	\$3.777	\$3.780	\$3.780	\$3.780	\$3.780	\$3.780	\$3.780	\$3.780	\$3.780	\$3.780
EC	STATE	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000

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**X200C New Jersey Scenic Byways Program**

This program will assist in the advancement of the NJ Scenic Byways Program and the stewardship and enhancement of the scenic, recreational, archaeological, natural, cultural and historic intrinsic qualities associated with the designated byways. Funding will be utilized for planning, design and development of the state program and for planning, design, development, marketing and implementation of the complete set of byways within the state program. This includes but is not limited to research leading to the development of themes for byways on a statewide basis; technical assistance to specifically provide awareness and education about the byways, activities associated with identifying and marketing tourist amenities on scenic byways on a statewide basis, activities associated with assessing the economic impacts on the set of Byways, activities associated in building stronger partnerships between the byways and other groups that can assist them in sustaining and promoting their byways.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	TA-FLEX	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500

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**N063 NJTPA, Future Projects**

This program provides funding for unanticipated project needs associated with the design, right-of-way or construction of NJTPA selected local projects.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE-NJTPA	\$164.700	\$132.375	\$117.375	\$96.675	\$96.675	\$96.675	\$96.675	\$96.675	\$96.675	\$96.675
ERC	STBGP-NY/NWK	\$15.075	\$42.866	\$85.610	\$61.910	\$51.965	\$72.017	\$102.347	\$104.977	\$108.067	\$110.820

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**99372 Orphan Bridge Reconstruction**

This program provides funding for engineering and construction of orphan bridges. The bridges will be designed utilizing in-house and task order designers. The bridges will be reconstructed in the existing footprint, with the abutments being repaired, and the superstructures being replaced with prefabricated/precast systems whenever possible.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000

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**X28B Park and Ride/Transportation Demand Management Program**

This program supports Transportation Demand Management (TDM) options for carpooling, vanpooling, and transit by providing funding of leases for park-and-rides in areas with high demand throughout the state. The department continues to support approximately 15 leased park-and-rides statewide in an effort to reduce air pollution and congestion and improve air quality.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000

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**X51B Pavement Preservation, NJTPA**

This program will allow NJDOT to accomplish eligible federal pavement preservation activities, in the NJTPA region, on New Jersey's Interstate highway system and will also allow for pavement preservation on all other state-maintained roads, which help to keep New Jersey's highway system in a state of good repair. With timely preservation, the NJDOT can provide the traveling public with improved safety and mobility, reduced congestion and smoother, longer lasting pavements.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	NHPP	\$25.000	\$20.000	\$20.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000
EC	STBGP-FLEX	\$10.000	\$2.000	\$2.000	\$10.000	\$10.000	\$10.000	\$10.000	\$10.000	\$10.000	\$10.000

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**06401 Pedestrian Safety Improvement Program**

This program provides funding to reduce pedestrian crashes and/or fatalities. Locations/segments are identified through crash history data and estimated rates of exposure to motor vehicles/pedestrian conflicts. Locations/segments are examined by NJDOT'S Pedestrian Safety Impact Teams who will conduct Road Safety Audits and make recommendations for improvements. This program funds the implementation of recommendations, as well.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	HSIP	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000

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**X29 Physical Plant**

This program will provide for major repairs, rehabilitation, and replacement of the NJDOT physical plant facilities which are not in compliance with fire and safety standards, do not meet building codes, or which are functionally obsolete for supporting current maintenance, construction, and engineering activities.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$25.000	\$24.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000

**X30 Planning and Research, Federal-Aid**

Funding from this program will enable NJDOT to continue to address planning and research needs in a comprehensive program of studies and proposal development in order to maximize the use of financial resources and staff. Activities will include data collection, inter-governmental planning coordination, planning work in support of the management systems, research initiatives and Local Technical Assistance Program.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PLS	LTAP	\$0.150	\$0.150	\$0.150	\$0.150	\$0.150	\$0.150	\$0.150	\$0.150	\$0.150	\$0.150
PLS	SPR	\$22.509	\$22.509	\$22.509	\$22.509	\$22.509	\$22.509	\$22.509	\$22.509	\$22.509	\$22.509
PLS	STBGP-FLEX	\$18.800	\$19.913	\$19.226	\$19.289	\$19.352	\$19.415	\$19.478	\$19.541	\$19.604	\$19.667

**X140 Planning and Research, State**

This program will provide for planning activities which include needs assessments, geometric deficiencies, local aid assistance, congestion management, travel market analysis, formulation of a new statewide plan, facilitating/implementing multimodal transportation, demographics, access management plans, transportation policy, equipment, modeling, clean air initiatives, data collection equipment, deployment of new technology initiatives, and research initiatives.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PLS	STATE	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000

**X135 Pre-Apprenticeship Training Program for Minorities and Women**

This is a federal grant program that supports pre-apprenticeship training and outreach activities aimed at women and minorities including training and supportive services necessary to help them prepare and qualify for union apprenticeship programs connected with highway construction and employment with NJ DOT. This program will also support the technology required to monitor, maintain and generate reports on program essentials and trainee participant progress.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-FLEX	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500	\$0.500

**X10 Program Implementation Costs, NJDOT**

This program will provide funding for salaries and other administrative expenses which directly relate to developing and delivering the Capital Program. This funding is allocated for multi-year and previously authorized project costs.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$104.040	\$104.210	\$108.240	\$110.410	\$112.620	\$114.870	\$117.170	\$119.510	\$121.900	\$124.340

**X10A Program Implementation Costs, Staff Augmentation**

This program provides funds for engaging specialized consultant-staff to augment the New Jersey Department of Transportation's (NJDOT) permanent workforce. A hiring-freeze, which NJDOT was subject to for nearly a decade, has created a sizeable skills-void within the Department. To efficiently address the void, this program establishes an effective method of implementing key services, and provides flexibility in filling critical staff shortages, as necessary.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$15.000	\$8.000	\$5.000	\$3.000						

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**10344 Project Development: Concept Development and Preliminary Engineering**

This program will provide funding for Concept Development and Preliminary Engineering work on various identified projects on the state transportation system. Functions to be performed include, but are not limited to, data collection including traffic counts and review of as-built plans, evaluation of existing deficiencies, evaluation of existing safety conditions, environmental screenings, assessment of right-of-way and access impacts, assessment of environmental impacts, identification of a Preliminary Preferred Alternative, National Environmental Protection Agency classification, estimates, technical environmental studies, base mapping/surveying, utility investigations, right of way research and estimates, drainage investigations, geotechnical investigations, engineering in support of the environmental document, an approved environmental document, cost estimates and community outreach/involvement.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CD	STATE	\$5.000	\$4.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000

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**05341 Project Management & Reporting System (PMRS)**

This funding is provided to support planned Capital Program Management work, and incorporate functionality by other areas of the department, as well. The PMRS program will provide a collaborative environment for all department stakeholders to utilize one Project Reporting & Management System to manage projects from start to finish. PMRS will facilitate access by all parties, and allow collaborative input into the process. Such initial, Department-wide, access will, ultimately, reduce project costs.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE	\$2.380	\$1.130	\$1.130	\$1.130						

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**17337 Project Management Improvement Initiative Support**

Provide expert consulting services regarding processes and organizational development in the area of project and program management including providing expert consulting services regarding information systems architecture and integration for project and construction management information technology systems. Provide program management services to the Department to implement Project Management and Reporting System including the e-Builder Enterprise Software as a Service information system and other sub-systems such as Bluebeam. Provide coaching and mentoring services to Department personnel in the areas of project and program management, general organizational behavior of project related organizations, and training assessment guidance.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE	\$2.500	\$2.500	\$1.300	\$1.300						

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**X35A1 Rail-Highway Grade Crossing Program, Federal**

This program will provide funding for the elimination of hazards at rail-highway grade crossings, the rehabilitation of grade crossing surfaces, and the installation of protective warning devices for roadways both on and off the federal-aid system. Funding will also be provided for the traffic control items required during the construction work and the installation of advance warning signs and pavement markings at all highway-rail grade crossings.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	RHC	\$2.876	\$2.946	\$3.018	\$3.092	\$3.168	\$3.246	\$3.326	\$3.407	\$3.491	\$3.577

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**X35A Rail-Highway Grade Crossing Program, State**

This program will provide state funding for the elimination of hazards at rail-highway grade crossings by the closure of crossings or the upgrade/improvement of protective warning devices for roads throughout the state. This funding will allow flexibility in allocating monies for emergency repairs as well as to the areas in need regardless of their geographic location (MPO). This program will also allow grade crossing closures without drawing down the federal funds used for grade crossing improvements. Funding will also be provided for the design of traffic detours required for the crossing surface reconstruction projects. This program will also provide funding for emergency repairs to the riding surface of highway-rail grade crossings identified during inspections or from complaints received. These repairs will be accomplished by an NJDOT contractor as priority situations are identified. These repairs will be limited to surface repairs that do not require railroad infrastructure work, or reconstruction of the crossing. This program will also include the installation of roadway-related items (signs, pavement markings) that have been identified as missing or needing replacement or are required (outstanding work from municipalities and counties) to close out federally funded grade crossing projects from previous years.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STATE	\$5.000	\$4.500	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000	\$5.000

**99409 Recreational Trails Program**

New Jersey's Recreational Trails Program provides grants to public agencies and non-profit organizations for a variety of trail projects. The program is administered by the NJ Department of Environmental Protection, Division of Parks and Forestry. Under the program, a minimum of 30 percent of the project funding must be provided for motorized trail projects (ATVs, dirt bikes, snowmobiles), 30 percent for non-motorized (hiking, biking, horseback riding), and 40 percent for diverse use, which is any combination of motorized and non-motorized trail user types. New Jersey has established a maximum grant award of \$25,000 for non-motorized and diverse projects. Grantees must match 20 percent of the total project costs.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	TA-RTP	\$0.900	\$0.900	\$0.900	\$0.900	\$0.900	\$0.900	\$0.900	\$0.900	\$0.900	\$0.900

**X144 Regional Action Program**

This program funds low-cost, quick turn-around capital improvements accomplished under management of the NJDOT Office of Landscape Architecture and the Regional Director for Regional Operations in each of the NJDOT regions. Funding is also provided for small-scale landscape contracts in an effort to minimize adverse effects of highways where engineering solutions are prohibitive.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000

**X03A Restriping Program & Line Reflectivity Management System**

This program funds the application of long-life pavement markings and raised pavement markers on the state highway system. The Line Reflectivity Management Unit was formed, within Maintenance Engineering and Operations, to record reflectivity readings of pavement markings in order to more efficiently and effectively develop and implement the annual striping program for the NJDOT. All equipment purchases will be funded by the NJDOT equipment line item.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-FLEX	\$20.000	\$17.000	\$17.000	\$17.000	\$17.000	\$17.000	\$17.000	\$17.000	\$17.000	\$17.000

**X03E Resurfacing Program**

This comprehensive program funds renewed riding surfaces on state highways in order to prolong the life of pavement and provide an improved ride. This resurfacing program is a key component of the NJDOT's broader Pavement Management Program, which is aimed at preserving and extending the life of state highways. Individual highway segments are selected for resurfacing, or other treatments, through the NJDOT's Pavement Management System. This program consists primarily of resurfacing of highway segments, but may also include; selected repair activities, minor upgrades such as curbing, application of long-life pavement markings and raised pavement markers, and the acquisition of essential equipment and materials.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$100.000	\$95.000	\$100.000	\$100.000	\$100.000	\$100.000	\$100.000	\$100.000	\$100.000	\$100.000

**99327A Resurfacing, Federal**

Funding from this program provides design and construction of pavement resurfacing projects. This program also provides; pavement recommendations, surveys, aerial photography, photogrammetry, base mapping, and engineering, needed to prepare contract documents in order to advertise resurfacing projects. In addition, this program funds contractor services to construct resurfacing projects. Project lists are developed from the Pavement Management System and visual inspection of roadway segments in need of repair. This program also funds preliminary engineering for pavement reconstruction projects.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	NHPP	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$10.000	\$10.000	\$10.000
ERC	NHPP						\$10.000	\$10.000	\$185.681	\$199.957	\$165.000

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**05339 Right of Way Database/Document Management System**

This program funds the ongoing maintenance (web hosting and routine repairs) and updates for ROW unit (PAECETrack) and Access unit (Highway Access Permitting System) databases. The system is a web based allowing access from the field. The system is approved and supported by the Office of Information Technology. This system has scheduling, document production, management control, GIS, and extensive reporting capabilities. Both systems are being upgraded to keep pace with new requirements and regulatory changes. Cost covers both annual hosting and occasional upgrades as may be required.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$0.300	\$0.300	\$0.300	\$0.300	\$0.300	\$0.300	\$0.300	\$0.300	\$0.300	\$0.300

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**05340 Right of Way Full-Service Consultant Term Agreements**

This program will allow for the increased utilization of full service ROW consultant firms to address peak workload demands in the right of way component of the capital program delivery process. Due to staff reduction from retirements and loss of institutional specialists, it may be necessary to provide for supplementary consultant forces to work with the right of way team on specific projects. The task order agreements will be established based on initial funding amounts of \$10,000, with the continued funding of individual task order assignments through project specific state and federal right of way funding accounts.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	STATE	\$0.050	\$0.050	\$0.050	\$0.050	\$0.050	\$0.050	\$0.050	\$0.050	\$0.050	\$0.050
ROW	STBGP-FLEX	\$0.300	\$0.300	\$0.300	\$0.300	\$0.300	\$0.300	\$0.300	\$0.300	\$0.300	\$0.300

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**X152 Rockfall Mitigation**

This program funds engineering services and construction of projects to reduce the potential of rockfall onto highways, preventing safety problems which could potentially cause personal injury and/or property damage. This program will also fund the maintaining of the Rockfall Hazard Mitigation System (RHMS), which evaluates all highway rock cuts and identifies potential rockfall issues. These activities will be performed utilizing both in-house and consultant engineering services.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	NHPP	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000	\$25.000

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**99358 Safe Routes to School Program**

This program provides funding for locally initiated pedestrian access and safety projects to provide safe access to schools. Funding is provided to the states to undertake a Safe Routes to Schools program. Ten to thirty percent of the money must fund enforcement, education and encourage programs. The remaining funding must fund programs leading to the construction of bicycle and pedestrian facilities as well as the salary of a full-time program coordinator. NJDOT designates as Advance Construction all projects funded from this program.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	TA-FLEX	\$5.587	\$5.587	\$5.587	\$5.587	\$5.587	\$5.587	\$5.587	\$5.587	\$5.587	\$5.587

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**06402 Safe Streets to Transit Program**

This program identifies areas around train stations or bus stops and analyzes the risk based on crash history and exposure. Once the areas are identified, this program develops multi-modal improvement plans to address the issues.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000

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**13307 Salt Storage Facilities - Statewide**

This program provides construction of new salt barns at various maintenance yards across the State (1 per Region) to improve snow and ice removal capabilities, and response time.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$3.000	\$3.000	\$3.000	\$3.000	\$3.000	\$3.000				

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**15807 Segment Improvement Program**

This program will provide for the identification and implementation of safety improvements along segments which show crash rates above the statewide average. The safety improvements proposed are; striping, signage, crosswalks, bus shelters, handicap ramps, bicycle accommodations, travel lane modifications, resurfacing, changes in accommodating "U" turns, pedestrian refuge islands, designing for mature drivers, corner modifications and innovative technology i.e. pedestrian/bicycle detectors, etc.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	HSIP	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000

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**X239 Sign Structure Inspection Program**

This program provides funding for the inspection of overhead and cantilever sign structures on state roadways. There are over 1,700 sign structures, including overhead, cantilever and variable message structures on state routes. This program also provides for the inspection of approximately 200 high mast light pole structures on state roadways.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-FLEX	\$2.100	\$2.100	\$2.100	\$2.100	\$2.100	\$2.100	\$2.100	\$2.100	\$2.100	\$2.100

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**X239A Sign Structure Rehabilitation/Replacement Program**

This program funds the rehabilitation and replacement of existing VMS (variable message signs), overhead and cantilever sign structures located on state highways. This program will also provide funding for recommendations, survey, aerial photography, photogrammetry, base mapping and engineering.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STBGP-FLEX	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000

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**15335 Sign Structure Replacement Contract 2016-3**

Some of these sign structure had developed fatigue cracks and are in hazardous condition to vehicular traffic. Others on the lists were constructed using Aluminum material. It has been determined that these types of structures are more prone to fatigue than originally known and are near the end of their service life.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP	\$6.800									

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**X39 Signs Program, Statewide**

This program provides funding for the systematic upgrade of state highway signs, including refurbishing of deteriorated signs, installation of new signs, and improvement and updating of messages.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$3.150	\$3.310	\$3.470	\$3.650	\$3.830	\$4.020	\$4.220	\$4.430	\$4.650	\$4.650

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**19600 Smart and Connect Corridors Program**

This program will provide funding for projects involving the deployment of communication devices and equipment at selected sections of corridors along the roadside and in vehicles enabling automatic transmission of safety messages; enabling the connectivity of vehicles to infrastructure and potential communication between vehicles.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE	\$2.150									
CON	STATE			\$5.365							

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**X160 Solid and Hazardous Waste Cleanup, Reduction and Disposal**

This program will provide for the cleanup, reduction, and disposal of solid and hazardous waste materials from state highway system preservation operations and private disposal sites used during construction and subsequent maintenance of the transportation facility.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$1.330	\$1.330	\$1.330	\$1.330	\$1.330	\$1.330	\$1.330	\$1.330	\$1.330	\$1.330

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**X150 State Police Enforcement and Safety Services**

This program provides reimbursement for State Police services for enforcement and traffic control in construction work zones.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$5.000	\$5.000	\$5.000	\$6.000	\$6.000	\$6.000	\$6.000	\$6.000	\$6.000	\$6.000

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**13308 Statewide Traffic Operations and Support Program**

This comprehensive Statewide Traffic Operations and support strategies program focuses on reducing non-recurring delays due to incidents, work zones, weather emergencies, poor signal timings, special events, etc. The program includes a Statewide Traffic Management Center (STMC), a Traffic Operations Center South (TOCS), a Safety Service Patrol (SSP), a NJDOT/NJSP Traffic Incident Management (TIM) Unit and a Central Dispatch Unit (CDU). The 24/7 Statewide Traffic Management Center (STMC) serves three primary functions: (1) It is the Traffic Operations Center (TOC) for the northern half of the state, (2) It provides for evening/weekend/holiday operations coverage for the entire state and (3) NJDOT is co-located with the New Jersey State Police and the New Jersey Turnpike Authority at the STMC to provide for a coordinated approach to handling traffic operations statewide. The 16/5 Traffic Operations Center South (TOCS) is responsible for coverage for the southern half of the state and monitors the Route 29 tunnel. The STMC handles coverage for TOCS during week nights (after 8:30 pm) and on weekends and holidays. The Safety Service Patrol (SSP) is deployed on congested corridors statewide to rapidly detect and clear incidents by providing safety for first responders and motorists. SSP also provides emergency assistance to disabled motorists. The 24/7 Central Dispatch Unit (CDU) is NJDOT's Emergency Call Center. The Traffic Incident Management (TIM) program is aimed at reducing delays due to traffic incidents. It provides for: (1) equipment and training for NJDOT's Incident Management Response Team (IMRT); (2) training and outreach for county and local emergency responders on methods to reduce traffic delays caused by incidents; (3) developing, printing and distributing diversion route manuals; (4) developing partnerships and outreach with local and state law enforcement organizations; and (5) maintaining a State Police Traffic Incident Management Unit.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	NHPP	\$20.000	\$18.000	\$18.000	\$18.000	\$18.000	\$18.000	\$18.000	\$18.000	\$18.000	\$18.000

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**17353 Storm Water Asset Management**

This program provides a means for the Department to maintain compliance with USEPA and NJDEP storm water management regulations as well as ensuring the state's infrastructure system is resilient under moderate to severe storm events. The Storm Water Asset Management plan will evaluate and prioritize needed repairs to storm water features to maintain the integrity of the storm water system. This program will assist the Department in meeting water quality objectives of the USEPA & NJDEP storm water regulations, and help minimize potential roadway flooding. The plan will involve identification of all storm water features/assets owned or operated by NJDOT, assessing conditions of these assets, developing plans for needed repairs to preserve the integrity of the assets, prioritizing and conducting required repairs, and inspecting efforts to ensure repairs are done per plan.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STBGP-FLEX	\$5.000	\$2.000	\$2.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000	\$4.000

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**14300 Title VI and Nondiscrimination Supporting Activities**

This is a State funded program that will support the activities required to ensure nondiscrimination in the delivery of the NJDOT Capital Program and related projects. Activities include, but are not limited to informational training sessions, translation services and the development of informational material (e.g., pamphlets, brochures, training guides and letters) disseminated to the public and in languages other than English as necessary. This program will also support activities and initiatives in the stand-alone Title VI programs, such as DBE and Contractor Compliance

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$0.175	\$0.175	\$0.175	\$0.175	\$0.175	\$0.175	\$0.175	\$0.175	\$0.175	\$0.175

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**X66 Traffic Monitoring Systems**

This program provides for the collection of essential traffic and roadway inventory data including traffic counts, vehicle classifications, truck weights, roadway video, automated mapping and various other geographical information system activities. Included in this item are the construction, reconstruction and restoration of Weigh-in-Motion and Traffic Volume Systems; and acquisition of equipment to upgrade and to replace equipment which has failed. Site selection is made in accordance with federal requirements for the Traffic Monitoring Guide and the NJDOT's Traffic Monitoring System implementation plan that has been approved by the Federal Highway Administration. Funding is used for professional services to carry out the short-term traffic monitoring program, updates of the Straight Line Diagrams, annual Highway Performance Monitoring System reporting; and local road inventory database updates; for construction services for a contractor to replace in-road traffic monitoring sensors; to continue Data Warehouse Maintenance activities; to initiate/update a Roadway Digital Imaging Program; to fund data sets preparation to operate Safety Analyst software.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PLS	NHPP	\$12.000	\$12.000	\$12.000	\$12.000	\$12.000	\$12.000	\$12.000	\$12.000	\$12.000	\$12.000
EC	NHPP		\$1.600			\$2.000					
EC	STATE	\$1.490	\$1.490	\$1.490	\$1.490	\$1.490	\$1.490	\$1.490	\$1.490	\$1.490	\$1.490

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**X47 Traffic Signal Replacement**

This program provides funding for; purchase of materials, installation of new and upgraded traffic signals statewide, related improvements to the operation of signals. This program provides for the replacement of traffic signals on an annual basis, and assists regional operations in the rehabilitation and maintenance of the state's highway lighting system. It also includes the conversion to energy efficient LED indicators, and installation of generators to provide auxiliary power, which will enable traffic signals to function during times of extended power outages. Through the Traffic Signal Management System, which provides a condition rating of signal equipment integrated with crash data and Congestion Management System Data, this program (developed via consultant RFP, analyzing corridor segments and creating a safety ranking based on MUTCD compliance, pedestrian facilities, controller capabilities, method of detection, accessibility, and other factors) will prioritize signals for replacement based on the above factors. The results from establishing the priority locations will allow systematic replacement of aging signal equipment, optimization of the operation of signals, and promote maximum efficiency of intersections.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$9.000	\$9.000	\$9.000	\$9.000	\$9.000	\$9.000	\$9.000	\$9.000	\$9.000	\$9.000

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**X244 Training and Employee Development**

This program provides for the assessment, planning, development and delivery of training and employee development programs inclusive of equipment, materials and software necessary to advance the skills and knowledge of Department employees to implement the Capital Program.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-FLEX	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000	\$2.000

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**01316 Transit Village Program**

This program will provide dedicated funding to local governments that have been selected for inclusion in the Transit Village Program. Projects which may be funded under this program are bike paths, sidewalks, streetscaping, and signage.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000

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**X107 Transportation Alternatives Program**

This program provides federal funding for projects such as scenic enhancements, historic preservation, and bicycle and pedestrian improvements. NJDOT designates as Advance Construction all projects funded from this program.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	TA-FLEX	\$5.000	\$5.000	\$5.000	\$7.235	\$7.235	\$7.235	\$7.235	\$7.235	\$7.235	\$7.235
ERC	TA-NY/NWK	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500	\$7.500

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**X43 Transportation Demand Management Program Support**

This funding is utilized to continue the management of the Owned and Leased Park and Ride Program and the remaining efforts as they relate to the 1-800-CARPOOL program which also includes maintaining the RidePro ride matching software program.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PLS	CMAQ	\$0.250	\$0.250	\$0.250	\$0.250	\$0.250	\$0.250	\$0.250	\$0.250	\$0.250	\$0.250

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**11383 Transportation Management Associations**

This program will provide annual funding to the following Transportation Management Associations (TMAs): Cross County Connection, EZ Ride, goHunterdon, Greater Mercer TMA, Hudson TMA, Keep Middlesex Moving, RideWise, and TransOptions.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-NY/NWK	\$4.450	\$4.450	\$4.450	\$4.450	\$4.450	\$4.450	\$4.450	\$4.450	\$4.450	\$4.450

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**X126 Transportation Research Technology**

This program provides funding for consultant and university research contracts to conduct multimodal transportation related research and knowledge and technology transfer activities on behalf of NJDOT, MVC and NJ Transit. A quick response Treasury selected research consultant as well as basic agreements with universities provides the mechanism to conduct research. Federal State Planning and Research, SPR, funds may be supplemented with state funds in order to meet federal matching requirements. Included in this line item are funds for American Association of State Highway Transportation Officials, (AASHTO), technical service programs and innovative products such as: Product Evaluation Listing; Technology Implementation Group; Technical Assistance for Climate Change, Material Standards, and Materials Reference Laboratory; SHRP product implementation.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$0.900	\$1.000	\$1.100	\$1.200	\$1.700	\$2.200	\$2.200	\$2.200	\$2.200	\$2.200

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**18379 UHPC Overlay Research Project (8 Bridge Decks)**

This project will investigate the use of Ultra High Performance Concrete (UHPC) as a thin-bonded overlay on bridge decks with a focus on increased service life and enhance structural capacity of the deck. In addition, deck repairs, as well as joint rehabilitation, will be evaluated during the design phase. Structure No. 2106164, 1403153, 0914155, 0604152, 1134171, 0821166, 1817163, 1422164

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STATE	\$8.500									

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**X11 Unanticipated Design, Right of Way and Construction Expenses, State**

This program provides funding for unanticipated project needs, contract change orders, consultant agreement modifications, utility readjustments, elements of federal-aid projects for which federal funding is not available under federal regulations, court-ordered condemnation awards, acceleration of federal-aid projects through multi-year funding agreements with Federal Highway Administration settlement of project accounting discrepancies with Federal Highway Administration, and minor work identified during the year.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$33.970	\$34.000	\$37.000	\$37.800	\$36.000	\$55.000	\$55.000	\$55.000	\$71.500	\$109.820

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**15344 Utility Pole Mitigation**

This project seeks to identify and mitigate locations with incidents of high recurring utility pole accidents. The mitigation project is limited in scope and resources and encompasses 3 to 5 crash locations per year.

Counties: Various Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	HSIP	\$0.175	\$0.175	\$0.175	\$0.175	\$0.175	\$0.175	\$0.175	\$0.175	\$0.175	\$0.175

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**X182 Utility Reconnaissance and Relocation**

This program reimburses utility companies for design and construction costs incurred when the utility companies are required to relocate facilities due to a transportation improvement project. This program also funds subsurface testing as a mitigation measure to accurately locate and identify underground utilities to moderate or lessen the impact with utility locations during the design and construction phases of a transportation improvement project.

Counties: Various

Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$2.500	\$2.500	\$2.500	\$2.500	\$2.500	\$2.500	\$2.500	\$2.500	\$2.500	\$2.500

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**X199 Youth Employment and TRAC Programs**

This is a federal grant program that provides employment and training opportunities to at-risk youths in NJ, especially those in urban areas, during annual implementation of the NJDOT Urban Youth Corps Program. This grant also provides funding to support the TRAC Program, which links school systems to the NJDOT by having department engineers volunteer as mentors to introduce students to careers in civil engineering.

Counties: Various

Municipalities: Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-FLEX	\$0.350	\$0.350	\$0.350	\$0.350	\$0.350	\$0.350	\$0.350	\$0.350	\$0.350	\$0.350



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**T08 Bus Support Facilities and Equipment**

This program provides funds to maintain NJ TRANSIT's bus fleet including but not limited to, bus tires, engines and transmissions and other parts, support vehicles/equipment (for bus operations), maintenance equipment, and bus mid-life overhaul needs. Also included is midlife rehabilitation of bus facilities, other capital improvements to various support facilities and bus mid-life overhauls. This program also involves the replacement of two CNG Compressor filling stations at Howell Garage. This project is funded under the provisions of Section 13 of P.L. 1995, c. 108.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	SECT 5339	\$8.778	\$10.990		\$8.840	\$8.840	\$8.840	\$8.840	\$8.840	\$8.840	\$8.840
ERC	STATE	\$3.451	\$3.451	\$3.451	\$13.951	\$13.951	\$13.951	\$13.951	\$13.951	\$13.951	\$13.951

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**T68 Capital Program Implementation**

Funding is provided for capital project management activities associated with capital program/project delivery including procurement and DBE/SBE activities.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$15.029	\$15.029	\$15.029	\$15.029	\$15.029	\$15.029	\$15.029	\$15.029	\$15.029	\$15.029

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**T515 Casino Revenue Fund**

State law provides 8.5% of the Casino Tax Fund to be appropriated for transportation services for senior and disabled persons. This element also supports capital improvements that benefit the senior and disabled populations. The law provides 85% of these funds to be made available to the counties through NJ TRANSIT for capital, operating, and administrative expenses for the provision of locally coordinated para-transit services. The amount each county receives is determined by utilizing an allocation formula based on the number of residents 60 years of age and over as reflected in the most recent U.S. Census Report. This project is funded under the provisions of Section 13 of P.L. 1995, c. 108.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CAP	CASINO REVENUE	\$13.010	\$13.010	\$13.010	\$13.010	\$13.010	\$13.010	\$13.010	\$13.010	\$13.010	\$13.010

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**T16 Environmental Compliance**

Funding is provided for compliance with environmental regulations at both bus and rail facilities includes but is not limited to replacement of leaking fuel tanks, clean-up of contaminated soil and ground water, oil/water separators, asbestos removal, and fueling station improvements at various facilities. This project is funded under the provisions of Section 13 of P.L. 1995, c. 108.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$2.100	\$2.100	\$2.100	\$2.100	\$2.100	\$2.100	\$2.100	\$2.100	\$2.100	\$2.100

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**T700 Ferry Program**

This program provides funding for the Ferry Program. This program includes federal dollars allocated from the Passenger Ferry Grant Program (Ferry Program), as authorized, under 49 U.S.C. 5307 (Section 5307). Funding will be used to improve the state of good repair of the ferry fleet by retrofitting the power and propulsion systems of commuter ferry vessels to provide more efficient operation. This project will allow for improved ferry service for approximately 30,000 daily passengers travelling between the New York-New Jersey metropolitan region.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$6.500	\$6.500	\$6.500	\$6.500	\$6.500	\$6.500	\$6.500	\$6.500	\$6.500	\$6.500

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**T43 High Speed Track Program**

Funding is provided for an annual program of high speed track rehabilitation including high speed surfacing, systemwide replacement of life-expired ties and other rail improvements, right-of-way fencing, equipment necessary to maintain a state of good and safe repair, purchase of long lead-time materials for next construction season, maintenance-of-way work equipment, interlocking improvements, passing sidings, other improvements, materials and services as necessary to support the program. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$0.929	\$0.929	\$0.929	\$2.415	\$2.415	\$2.415	\$2.415	\$2.415	\$2.415	\$2.415

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**T87 Hudson-Bergen and Newark LRT System**

Funding is provided for annual Hudson-Bergen Capital Asset Replacement improvements, and other improvements along the Hudson-Bergen Light Rail Line, including rolling stock enhancements. Funding is provided for the Route 440 Extension Project is planned to provide convenient transit access for existing and future residents of the western waterfront area. The HBLR Route 440 Extension project would extend the HBLR West Side Avenue Branch from its current terminus at West Side Avenue in Jersey city to a new terminus station on the west side of State Route 440. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Hudson **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$1.270	\$7.005	\$7.005	\$7.005	\$7.005	\$7.005	\$7.005	\$7.005	\$7.005	\$7.005

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**T301 Hudson-Bergen LRT Northern Extension**

The Northern Branch Rail Service project will reintroduce rail service between Englewood in Bergen County and North Bergen in Hudson County to improve regional mobility, mitigate traffic congestion, and foster economic investment. The reintroduction of rail transit service in eastern Bergen County will mark a significant step forward for congestion relief on local and county roads burdened by daily commuter traffic. Eastern Bergen County residents are significantly oriented to jobs in New York City and, to a lesser extent, the Hudson County waterfront and Northern Branch service will provide a mass transit alternative. The 8-mile corridor extends from North Bergen in Hudson County to Englewood in Bergen County using the existing CSX Northern Branch freight corridor.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$33.000									

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**T20 Immediate Action Program**

Funding is provided for emergency project needs under the rail, bus, and headquarters programs; contract change orders; consultant agreement modifications; and other unanticipated work identified during the course of the year, thus allowing the agency to be responsive to emergency and unforeseen circumstances which arise unexpectedly. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$11.808	\$7.148	\$7.516	\$18.337	\$12.994	\$7.400	\$7.353	\$12.521	\$15.566	\$15.566

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**T199 Job Access and Reverse Commute Program**

Funding is provided to continue the Job Access and Reverse Commute (JARC) program with non-federal funds. Moving Ahead for Progress in the 21st Century (MAP-21) eliminated the requirement for dedicated Federal funding for JARC.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
SWI	OPER	\$3.710	\$3.710	\$3.710	\$3.710	\$3.710	\$3.710	\$3.710	\$3.710	\$3.710	\$3.710

**T535 Lackawanna Cutoff MOS Project**

Funding is provided for FY 2008 New Starts earmarks for the Lackawanna Cutoff Rail project, which will provide an 88-mile, single-track commuter rail line with passing sidings between Scranton, Pennsylvania and Port Morris, New Jersey where it will connect with NJ TRANSIT's Boonton/Morristown Line. The total project cost of the 7.3 mile Lackawanna Cutoff MOS project is \$61.624 million. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Morris Sussex Warren                      **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	SECT 5307	\$8.844									

**T95 Light Rail Infrastructure Improvements**

Funding is provided for Light Rail improvements including, but not limited to, communication systems upgrade, accessibility improvements, vehicle and facility improvements, and other infrastructure rehabilitation improvements. Funding is also provided for NLR Infrastructure and River Line capital asset replacement. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various    **Municipalities:** Newark City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$7.675	\$2.275	\$4.375	\$11.375	\$11.375	\$11.375	\$11.375	\$12.050	\$10.700	\$10.700

**T53E Locomotive Overhaul**

Funding is provided for the cyclic overhaul of locomotives based on manufacturer replacement standards to support the equipment through its useful life. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various    **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CAP	STATE	\$7.063	\$4.701	\$4.701	\$4.701	\$4.701	\$4.701	\$4.701	\$4.701	\$4.701	\$4.701

**T122 Miscellaneous**

Funding is provided for the continuation of the mandated vital records program and other miscellaneous administrative expenses such as, but not limited to, match funds for special services grants and physical plant improvements incurred throughout the year. Funds support forensic accounting services in furtherance of the property insurance claim resulting from the damage caused by extreme weather events such as Superstorm Sandy. Funds also support project oversight/management for all day-to-day aspects of NJ TRANSIT projects.

**Counties:** Various    **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$3.150	\$2.170	\$0.350	\$0.350	\$0.350	\$0.350	\$0.350	\$0.350	\$0.350	\$0.350

**T600 NEC Elizabeth Intermodal Station Improvements**

Funding is provided for the reconstruction of the passenger platforms and station building at Elizabeth Rail Station, including, but not limited to new elevators and stairs, ticket and operational office space, and retail space. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Union    **Municipalities:** Elizabeth City

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	SECT 5307				\$14.139						
ERC	SECT 5339	\$0.082									

**T44 NEC Improvements**

Funding is provided for improvements to the Northeast Corridor (NEC) to maintain state of good repair, increase capacity, and improve efficiency. Funding is provided for AMTRAK joint benefit projects and for NJ TRANSIT projects such as, Midline Loop in North Brunswick, New Jersey including associated track and station improvements; platform extensions; improvements at New York Penn Station; and yard improvements. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	SECT 5307				\$11.464	\$2.629	\$14.585	\$14.585	\$3.558	\$3.558	\$3.558
ERC	SECT 5337				\$2.657	\$21.237	\$21.237	\$21.237	\$21.237	\$21.237	\$21.237
ERC	STATE	\$94.949	\$0.450	\$0.450	\$22.189	\$16.385	\$16.385	\$16.385	\$16.385	\$16.385	\$16.385

**T55 Other Rail Station/Terminal Improvements**

Funding is provided for the design, land acquisition and construction of various stations, platform extensions, parking and related facilities, and upgrades throughout the system including related track and rail infrastructure work. Also included are station and facility inspection and repair, customer service station bike locker installation - systemwide, and STARS Program. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$8.185	\$14.298	\$8.185	\$8.185	\$8.185	\$8.185	\$8.185	\$8.185	\$8.185	\$8.185

**T121 Physical Plant**

Funding is provided for demolition of out-of-service facilities, energy conservation program, work environment improvements, replacement of antiquated administrative support equipment, purchase of material warehouse equipment, replacement of non-revenue vehicles, and other minor improvements to various bus/rail facilities. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$1.169	\$1.169	\$1.169	\$1.169	\$1.169	\$1.169	\$1.169	\$1.169	\$1.169	\$1.169

**T538 Portal Bridge North**

Funding is for the design, engineering, construction and other necessary initiatives or items to complete the proposed replacement of the existing Portal North Bridge with a new high-level, two track, fixed structure bridge on a new rail alignment. The new bridge will be approximately 1,200 feet long and will have a clearance that accommodates current and forecasted maritime traffic, thereby eliminating the need for a movable span that interrupts rail operations and results in delays due to mechanical failures. This will improve reliability, allowing NJ TRANSIT to operate longer and higher capacity trains. Additionally, trains will be able to cross the bridge at 90 miles per hour, up from 60 miles per hour today. This element provides funding to advance the Portal Bridge North including, but not limited to, annual EDA or other debt service payments that may be required. This funding is provided to support potential New Jersey State local contribution to the Portal North Bridge Project. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$26.493	\$14.000	\$20.246	\$20.247	\$20.243	\$20.244	\$20.244	\$20.243	\$20.243	\$20.243

**T135 Preventive Maintenance-Bus**

This program provides funding for the overhaul of buses including preventive maintenance costs in accordance with federal guidelines as defined in the National Transit Database Reporting Manual and federal law. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP. In addition, expenditures are for costs of projects in specific years only.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CAP	SECT 5307	\$78.883	\$78.883	\$78.883	\$78.883	\$100.683	\$100.683	\$100.683	\$100.683	\$100.683	\$100.683

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**T39 Preventive Maintenance-Rail**

This program provides funding for the overhaul of rail cars and locomotives and other preventive maintenance costs in accordance with federal funding guidelines as defined in the National Transit Database Reporting Manual and federal law. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CAP	SECT 5307	\$75.454	\$75.493	\$85.073	\$85.073	\$56.135	\$56.135	\$56.135	\$56.135	\$56.135	\$56.135
CAP	SECT 5337	\$151.472	\$151.472	\$151.472	\$151.472	\$151.472	\$151.472	\$151.472	\$151.472	\$151.472	\$151.472

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**T106 Private Carrier Equipment Program**

This program provides State funds for the Private Carrier Capital Improvement Program. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CAP	STATE	\$2.100	\$2.100	\$2.100	\$2.100	\$2.100	\$2.100	\$2.100	\$2.100	\$2.100	\$2.100

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**T34 Rail Capital Maintenance**

The Rail Capital Maintenance project includes Rail Maintenance of Way (MOW) activities and Rail Maintenance of Equipment (MOE) activities in accordance with TTF eligibility requirements.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CAP	STATE	\$91.785	\$91.785	\$91.785	\$91.785	\$91.785	\$91.785	\$91.785	\$91.785	\$91.785	\$91.785

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**T53G Rail Fleet Overhaul**

This program provides funds for the mid-life overhaul and reliability/safety improvements of rail cars based on manufacturer recommendations and other rolling stock modifications to meet recently issued FRA and APTA mandated standards. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CAP	STATE	\$8.945									

**T112 Rail Rolling Stock Procurement**

This program provide funds for the replacement of rail rolling stock, including engineering assistance and project management, to replace over-aged equipment including rail cars, revenue service locomotives, and expansion of NJ TRANSIT rolling stock fleet (cars and locomotives) to accommodate projected ridership growth and other system enhancements over the next ten years. Funding is provided to support vehicles\equipment (for rail operations). Annual funds are provided for Comet V single-level car lease payments, Electric Locomotive lease payments, Diesel Locomotive lease payments, Dual Power Locomotives and Multi-Level rail car lease payments and other upcoming rolling stock lease payments. Pay-as-you-go funding is also programmed for Multi-Level vehicles and other rolling stock.Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.CMAQ:Funding for Rail Rolling Stock Procurement will include CMAQ funds. Rail Rolling Stock Procurement is CMAQ eligible because it meets federal eligibility requirements. The project will provide funding for the purchase of Multi-Level Coaches and Multi-Level EMU vehicles. For the CMAQ justification see "CMAQ Report for NJ TRANSIT".This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various**Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CAP	CMAQ	\$69.675	\$69.675	\$69.675	\$69.675	\$69.675	\$69.675	\$69.675	\$69.675	\$69.675	\$69.675
CAP	SECT 5307	\$67.043	\$45.422	\$59.300	\$52.911	\$69.680	\$69.680	\$69.680	\$69.680	\$69.680	\$69.680
CAP	SECT 5337			\$5.853							
CAP	STATE	\$63.994	\$128.291	\$220.431	\$87.891	\$156.930	\$161.577	\$161.576	\$161.576	\$161.576	\$161.576

**T37 Rail Support Facilities and Equipment**

This program provides funds for rehabilitation and construction activities for yard improvements systemwide, improvements at support facilities necessary to perform maintenance work at rail yards including work at Port Morris Yard, rail capacity improvements including passing sidings, interlockings and electric traction improvements, signal and communication improvements at support facilities, right-of-way fencing, maintenance-of-way equipment and the installation of pedestal tracks necessary to perform maintenance work at rail yards. Funding is provided for systemwide crew quarters, the Meadows Maintenance Complex upgrade/expansion work required to support the new rail fleet. Also included is funding for NJ TRANSIT's capital cost-sharing obligations related to use of Amtrak/Conrail facilities.This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various**Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	METRO-NORTH	\$0.690	\$0.690	\$0.690	\$0.690	\$0.690	\$0.690	\$0.690	\$0.690	\$0.690	\$0.690
ERC	OTHER	\$12.854									
ERC	SECT 5307	\$2.000	\$40.420	\$14.000							
ERC	SECT 5337				\$20.000						
ERC	STATE	\$9.572	\$51.927	\$8.419	\$5.407	\$5.407	\$5.407	\$5.407	\$5.407	\$5.407	\$5.407

**T509 Safety Improvement Program**

This program provides funding for safety improvement initiatives systemwide addressing bus, rail, light rail, Access Link and other identified safety needs. Funding includes investment in equipment, passenger and maintenance facilities, right of way improvements, and other initiatives that improve the safe provision of transportation services. Funding will support planning, engineering, design, construction, acquisition, and other associated costs.

**Counties:** Various**Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$0.929	\$0.929	\$0.929	\$0.929	\$0.929	\$0.929	\$0.929	\$0.929	\$0.929	\$0.929

**T150 Section 5310 Program**

This program provides funds for the purchase of small buses or van-type vehicles for agencies that serve the elderly and persons with disabilities. This was formerly known as the Section 16 Program.This project is funded under the provisions of Section 13 of P.L. 1995, c.108.MATCH funds are provided from the State.

**Counties:** Various**Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CAP	SECT 5310	\$5.110	\$5.110	\$5.110	\$5.110	\$5.110	\$5.110	\$5.110	\$5.110	\$5.110	\$5.110
CAP	STATE	\$1.050	\$1.050	\$1.050	\$1.050	\$1.050	\$1.050	\$1.050	\$1.050	\$1.050	\$1.050

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**T151 Section 5311 Program**

This program provides funding for rural public transportation program. MATCH funds are provided from NJ TRANSIT and local funds. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CAP	MATCH	\$1.330	\$1.330	\$1.330	\$1.330	\$1.330	\$1.330	\$1.330	\$1.330	\$1.330	\$1.330
CAP	SECT 5311	\$3.010	\$3.010	\$3.010	\$3.010	\$3.010	\$3.010	\$3.010	\$3.010	\$3.010	\$3.010
CAP	STATE	\$0.070	\$0.070	\$0.070	\$0.070	\$0.070	\$0.070	\$0.070	\$0.070	\$0.070	\$0.070

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**T508 Security Improvements**

This program provides funds for continued modernization/improvements of NJ TRANSIT Police and other security improvements. Today, the NJ TRANSIT Police Department is the only transit policing agency in the country with statewide authority and jurisdiction. The Department was created on January 1, 1983, and it evolved as a result of the passage of the Public Transportation Act of 1979 and subsequent legislation on the state and federal levels. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
SWI	STATE	\$1.827	\$1.827	\$1.827	\$1.827	\$1.827	\$1.827	\$1.827	\$1.827	\$1.827	\$1.827

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**T50 Signals and Communications/Electric Traction Systems**

This project provides funding for continued modernization/improvements to the signal and communications systems, including signal/communication upgrade of interlockings, and other communication improvements. This project also provides funding for systemwide electric traction general upgrades including: substation replacement, wayside hot box detection system, rail microwave system upgrades, replacement of substation batteries and electric switch heaters, emergency power backup systemwide, rehabilitation of systemwide overhead catenary structures and foundations. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$66.440	\$68.472	\$10.219	\$10.219	\$10.219	\$10.219	\$10.219	\$10.219	\$10.219	\$10.219

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**T120 Small/Special Services Program**

Funding is provided for NJ TRANSIT efforts which initiate or promote transit solutions to reduce congestion, manage transportation demand and improve air quality. Included are State funds for the Vanpool Sponsorship Program, Transportation Management Association Program, and Federal funds for East Windsor Community Shuttle operating support. Funding is also provided for capital acquisition/operating expenses for the Community Shuttle Program, Bike/Transit facilitation, and other activities that improve air quality and help reduce congestion. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$0.961	\$0.961	\$0.961	\$0.961	\$0.961	\$0.961	\$0.961	\$0.961	\$0.961	\$0.961

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**T88 Study and Development**

This element provides funds for system and infrastructure planning studies to ready projects for design, as well as demand forecasting and other related planning work. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various **Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PLS	STATE	\$4.016	\$4.016	\$4.016	\$4.016	\$4.016	\$4.016	\$4.016	\$4.016	\$4.016	\$4.016

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**T500 Technology Improvements**

This element funds improvements to passenger communication and fare collection systems and other information technology improvements to meet internal and external customer needs. Funding is included for Public Address Upgrades/Onboard Communication Systems, Bus Radio System Upgrade Program, GIS Systems, TVM Replacement/Expansion, Smart Card Technology and improvements at stations systemwide, computer systems and services, photocopy lease payments, ADA Access Link computer upgrades and upgrades to increase efficiency and productivity of NJ TRANSIT's technology infrastructure to support services to customers. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various

**Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	\$16.485	\$8.785	\$10.185	\$8.785	\$8.785	\$8.785	\$8.785	\$8.785	\$8.785	\$8.785

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**T42 Track Program**

Funding is provided for an annual program of track rehabilitation including systemwide replacement of life-expired ties and other rail improvements, right-of-way fencing, equipment necessary to maintain a state of good and safe repair, purchase of long lead-time materials for next construction season, maintenance-of-way work equipment, interlocking improvements, passing sidings and other improvements. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various

**Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$16.722	\$16.722	\$16.722	\$16.722	\$16.722	\$16.722	\$16.722	\$16.722	\$16.722	\$16.722

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**T210 Transit Enhancements/Transp Altern Prog (TAP)/Altern Transit Improv (ATI)**

Funding is provided for projects or project elements that are designed to enhance mass transportation service or use and are physically or functionally related to transit facilities as outlined in FTA Circular 9030.1C., including funding for a Statewide Bus Signs and Shelter Maintenance Upgrade Program and historic restoration of NJ TRANSIT facilities. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various

**Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	SECT 5307	\$9.548	\$17.874	\$24.083	\$8.369	\$24.088	\$11.218	\$11.218	\$23.088	\$23.088	\$23.088
ERC	SECT 5337	\$6.049	\$6.049	\$6.049	\$6.049	\$6.049	\$6.049	\$6.049	\$6.049	\$6.049	\$6.049
ERC	SECT 5339	\$3.078		\$15.700	\$3.071	\$3.071	\$3.071	\$3.071	\$3.071	\$3.071	\$3.071

**T300 Transit Rail Initiatives**

This program provides funding for transit expansion projects, including River Line Glassboro-Camden Light Rail Improvements, new station construction, ferry program, fixed guideway improvements (Rail, Light Rail, BRT, and Ferry), and related vehicle and equipment acquisition. Also included are FTA new starts projects authorized under New Jersey Urban Core or SAFETEA-LU. Potential projects in this category include (in no rank order): Northern Branch Rail; HBLR Extension to Secaucus; HBLR Secaucus-Meadowlands Connector; Passaic-Bergen rail service on the NYS&W east of Hawthorne using Diesel Multiple Unit (DMU) passenger equipment; Restoration of commuter rail service on the NYS&W west of Hawthorne; Port Morris Improvements; West Shore--Hoboken to West Haverstraw; NERL Elizabeth Segment from NJ TRANSIT'S Northeast Corridor Midtown Elizabeth Station to Newark Liberty International Airport via the Elizabeth Waterfront; Restoration of commuter rail service on the West Trenton line; River LINE LRT Capitol Extension; Second Phase of River LINE LRT/PATCO Extension; Glassboro-Camden Light Rail; Route 1 BRT, Second Phase of NERL (Newark Penn Station to Newark Liberty International Airport); Commuter rail extension in Monmouth and Ocean Counties; Lehigh Third Track Capacity Improvements; Extension of Cape May Seashore Line north to Hammonton (to Atlantic City Rail Line); Commuter Rail extension to Phillipsburg, improvements on the Atlantic City Rail Line, new rail station improvements such as Atlantic City Line/River LINE connection, Moynihan Station, Penn Station New York access improvements and platform extensions, Penn Station New York Central Concourse, Penn Station New York West End Concourse, E-yard expansion, Bus Rapid Transit Initiatives, Park and Rides and Smart Card Technology Program along with other new systemwide, rail, bus, and light rail initiatives arising during the year. The narrative above governs how the state Transportation Trust Funds that are appropriated in the state budget to "Transit Rail Initiatives" can be used. The Transit Rail Initiatives project is a state funded effort that is displayed here only for information purposes in order to give a better understanding of total transportation funding. As shown below, there is no Federal funding allocated to the Transit Rail Initiatives project in the first four constrained years. In compliance with the state budget and the language above, state Transit Rail Initiatives funds will be used to advance the projects listed above, some of which are also authorized under Federal law, but not yet funded with Federal dollars. Funding is also provided to advance projects dependent on other non-federal (including private) funding, and/or state resources available beyond planned levels. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**Counties:** Various**Municipalities:** Various

Phase	Source	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	\$3.175	\$16.175	\$44.649	\$3.175	\$3.175	\$11.175	\$11.175	\$3.175	\$0.175	\$0.175

Attachment G.2., July 8, 2019

**DRAFT RESOLUTION: MINOR AMENDMENT TO THE FY 2018 – 2021  
TRANSPORTATION IMPROVEMENT PROGRAM AS  
REQUESTED BY THE PORT AUTHORITY OF NEW  
YORK & NEW JERSEY TO UTILIZE DISASTER  
RECOVERY AND RESILIENCE PROGRAM FUNDING**

**WHEREAS**, the North Jersey Transportation Planning Authority, Inc. (NJTPA) has been designated by the Governor of New Jersey as the Metropolitan Planning Organization (MPO) for the northern New Jersey region; and

**WHEREAS**, the NJTPA formally adopted the FY 2018 – 2021 Transportation Improvement Program (TIP) on November 13, 2017; and

**WHEREAS**, the NJTPA on September 24, 2012 approved a Memorandum of Understanding (MOU) among the NJTPA, the New Jersey Department of Transportation (NJDOT), and NJ TRANSIT on procedures to amend and modify the State Transportation Improvement Program and the NJTPA TIP; and

**WHEREAS**, the TIP may be revised any time; and

**WHEREAS**, according to the MOU the addition of a project to the TIP or the addition of federal funds to a project where none are currently programmed and a new air quality conformity determination is not required constitutes a minor amendment; and

**WHEREAS**, the Port Authority of New York & New Jersey (PANYNJ) is requesting the addition of a project (Replacement of Harrison Station South West Head House and Platform (DB# PA1910) to be programmed with federal (Section 5324) funds; and

**WHEREAS**, the PANYNJ is recommending the reprogramming of Section 5324 funding from the following two projects: Repairs at Harrison Car Maintenance Facility (DB# PA1710) and Trackwork Repair and Restoration (DB# PA1419) to support the new project; and

**WHEREAS**, this minor amendment is exempt from an air quality conformity determination and does not impact the current conformity determination; and

**WHEREAS**, Congestion Management Process requirements do not apply to this action; and

**WHEREAS**, the FY 2018 TIP conforms to the MAP-21/FAST Act performance-based planning requirements; and

**WHEREAS**, consistent with NJTPA public participation procedures, the NJTPA has provided opportunities for review of these actions; and

**WHEREAS**, no action authorized by the NJTPA shall have force or effect until ten (10) days, Saturdays, Sundays and public holidays excepted, after a copy of the minutes of the meeting of the Board of Trustees has been delivered to the Governor for review, unless prior to expiration of the review period the Governor shall approve same, in which case the action shall become effective upon such approval.

**NOW, THEREFORE, BE IT RESOLVED**, that the North Jersey Transportation Planning Authority hereby approves the specified amendment to the FY 2018 – 2021 Transportation Improvement Program.

**BE IT FURTHER RESOLVED** that a copy of this resolution is forwarded to the Port Authority of New York & New Jersey for submission to the Federal Transit Administration.

## Summary of Action

### Minor Amendment to the FY 2018 - 2021 Transportation Improvement Program As Requested by the Port Authority of New York & New Jersey to Utilize Disaster Recovery and Resilience Program Funding

**Action:** In order to advance the following projects, the Port Authority of New York & New Jersey (PANYNJ) has requested amending the FY 2018 – 2021 TIP to program federal funds.

**Background:** According to the *TIP Memorandum of Understanding*, when a project is added to the TIP or when federal funds are added to a project where none are currently programmed, and a new air quality conformity determination is not required, which constitutes a minor amendment, action is required by the NJTPA Project Prioritization Committee and the NJTPA Board of Trustees. The following revisions are for the utilization of Disaster Recovery and Resiliency Program federal funds (Section 5324 Public Transportation Emergency Relief Program Funds) and PANYNJ matching funds. They are exempt from an air quality conformity determination and do not impact the current conformity determination.

#### **Minor Amendment:**

- **Replacement of Harrison Station South West Head House and Platform, Hudson County DB# PA1910**

This project is ready to advance in Federal FY (FFY) 2019 and can be funded with available resources from the two programs listed below (in FFY 2019, \$31.5 million of federal SECT 5324 funds and \$3.5 million of PANYNJ funds are added).

#### **Modifications:**

- **Repairs at Harrison Car Maintenance Facility, Hudson County DB# PA1710**

There has been a reduction in the anticipated project cost; therefore, funds are available for the advancement of DB# PA1910 (in FFY 2019, SECT 5324 funds are reduced by \$15.75 million and PANYNJ funds are reduced by \$1.75 million).

- **Trackwork Repair and Restoration, Hudson and Essex Counties DB# PA1419**

There has been a reduction in the anticipated project cost; therefore, funds are available for the advancement of DB# PA1910 (in FFY 2019, SECT 5324 are reduced by \$15.75 million and PANYNJ funds are reduced by \$1.75 million).

The attached documents provide further details on each of these projects.

**Justification for Action:** Approval of this minor amendment to the FY 2018 – 2021 TIP will allow the funds to be secured and the project to advance.

**Staff Recommendation:** Central Staff recommends approval of this action.

PENDING ACTION

# NJTPA

## Transportation Improvement Program Fiscal Years 2018 - 2021

**Routes:** Mileposts: N/A DBNUM: PA1910

**Name:** Replacement of Harrison Station South West Head House and Platform

Replace Harrison Station South West head house and platform to provide a new flood resilient head house and platform. The investment will protect the critical elements of the station from damage in the event of another major storm.

**Counties:** Hudson

**Municipalities:** Harrison

**Project Type:**

**RCIS Category:** Not Available

**Sponsor:** PANYNJ

**Est. Total Project Cost: (Million)**

**TIP:**

*PENDING*

FY 2018 - 2021 TIP Cost: (Million) \$35.000

Unconstrained  
Information Year

MPO	PHASE	SOURCE	2018	2019	2020	2021	2022-2027
NJTPA	CON	PANY&NJ		\$3.500			
NJTPA	CON	SECT 5324		\$31.500			
				\$35.000			



# State of New Jersey

DEPARTMENT OF TRANSPORTATION  
1035 Parkway Avenue  
PO Box 600  
Trenton, New Jersey 08625-0600

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MPO: **PANYNJ**

PROJECT: **Harrison Station Southwest Head House and Platform**

DBNUM: PA1910

TRACK #: -PA1910-0-A-2018

TYPE OF PROJECT CHANGE: Project Cost increase

ACTION TAKEN: New request of \$31.5 million in SEC 5324 funds, with \$3.5 million in PANYNJ funds to cover the cost of this new project. \$15.75 million in unused SEC 5324 funds are being reprogrammed from PA1419, together with an additional \$15.75 million in unused SEC 5324 funds from PA1710 and \$3.5 million in PANYNJ funds, all funds in FFY 2019.

REASON FOR CHANGE:

New Project Request

MPO ACTION REQUIRED: Action requires MPO board approval

FISCAL CONSTRAINT:

Comments: SEC 5324 funds are reprogrammed from PA1419 and PA1710 to cover new project PA1910.

CONFORMITY:

PUBLIC INVOLVEMENT:

# NJTPA

## Transportation Improvement Program Fiscal Years 2018 - 2021

**Routes:** Mileposts: N/A DBNUM: PA1710

**Name:** Repairs at Harrison Car Maintenance Facility

This item provides for the replacement of the sanitary ejector pit, the removal and replacement in-kind of all approach track infrastructure, pavement rehabilitation of three parking lots and the facility roadway, drainage improvement, minor regarding, traffic pavement marking and signage replacements which were damaged by Superstorm Sandy at the Harrison Car Maintenance Facility located in Harrison, NJ. This item also will provide for the replacement of internal electrical systems at the facility.

**Counties:** Hudson

**Municipalities:** Harrison

**Project Type:**

**RCIS Category:** Transit Preservation

**Sponsor:** PANYNJ

**Est. Total Project Cost: (Million)**

**TIP:**

### CURRENT

FY 2018 - 2021 TIP Cost: (Million) \$22.588

Unconstrained  
Information Year

MPO	PHASE	SOURCE	2018	2019	2020	2021	2022-2027
NJTPA	CON	PANYNJ		\$2.259			
NJTPA	CON	SECT 5324		\$20.329			
				\$22.588			

### PENDING

FY 2018 - 2021 TIP Cost: (Million) \$5.088

Unconstrained  
Information Year

MPO	PHASE	SOURCE	2018	2019	2020	2021	2022-2027
NJTPA	CON	PANYNJ		\$.509			
NJTPA	CON	SECT 5324		\$4.579			
				\$5.088			



## State of New Jersey

DEPARTMENT OF TRANSPORTATION  
1035 Parkway Avenue  
PO Box 600  
Trenton, New Jersey 08625-0600

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MPO: **NJTPA**

PROJECT: **Repairs at Harrison Car Maintenance Facility**

DBNUM: PA1710

TRACK #: N-PA1710-2-M-2018

TYPE OF PROJECT CHANGE: Project Cost decrease

ACTION TAKEN: Decrease of \$15.75 million in SEC 5324 funds and \$1.75 million in PANYNJ funds, to be reprogrammed in FFY 2019 for new project PA1910.

REASON FOR CHANGE:

Reduction in project cost.

MPO ACTION REQUIRED: Action requires MPO board approval

FISCAL CONSTRAINT:

Comments: Reduction of SEC 5324 funds in PA1710 will be reprogrammed to cover the cost of new project PA1910 in FFY 2019.

CONFORMITY:

PUBLIC INVOLVEMENT:

# NJTPA

## Transportation Improvement Program Fiscal Years 2018 - 2021

**Routes:** Mileposts: N/A DBNUM: PA1419

**Name:** Trackwork Repair and Restoration

This program element includes repair or replacement of track work, ties, welded rail, power rail, breakers, cabling, heater crossovers, drainage and related equipment within the entire PATH right of way and in stations including but not limited to Hoboken and Exchange Place Station for program elements such as but not limited to the replacement of the Hoboken under-platform fans, and the Exchange Place Pump Room projects to repair damaged infrastructure by floodwaters and related debris as well as saltwater damage.

**Counties:** Hudson Essex

**Municipalities:** Various

**Project Type:**

**RCIS Category:** Transit Preservation

**Sponsor:** PANYNJ

**Est. Total Project Cost: (Million)**

**TIP:**

### *CURRENT*

FY 2018 - 2021 TIP Cost: (Million) \$58.268

Unconstrained  
Information Year

MPO	PHASE	SOURCE	2018	2019	2020	2021	2022-2027
NJTPA	CON	PANYNJ		\$5.827			
NJTPA	CON	SECT 5324		\$52.441			
				\$58.268			

### *PENDING*

FY 2018 - 2021 TIP Cost: (Million) \$40.768

Unconstrained  
Information Year

MPO	PHASE	SOURCE	2018	2019	2020	2021	2022-2027
NJTPA	CON	PANYNJ		\$4.077			
NJTPA	CON	SECT 5324		\$36.691			
				\$40.768			



**DRAFT RESOLUTION: MINOR AMENDMENT TO THE FY 2018 – 2021  
TRANSPORTATION IMPROVEMENT PROGRAM TO  
ADD FEDERAL FUNDS TO THE ROUTE 3, ROUTE 46,  
VALLEY ROAD AND NOTCH/RIFLE CAMP ROAD  
INTERCHANGE, CONTRACT B PROJECT IN PASSAIC  
COUNTY AS REQUESTED BY THE NEW JERSEY  
DEPARTMENT OF TRANSPORTATION**

**WHEREAS**, the North Jersey Transportation Planning Authority, Inc. (NJTPA) has been designated by the Governor of New Jersey as the Metropolitan Planning Organization (MPO) for the northern New Jersey region; and

**WHEREAS**, the NJTPA formally adopted the FY 2018 – 2021 Transportation Improvement Program (TIP) on November 13, 2017; and

**WHEREAS**, the NJTPA on September 24, 2012 approved a Memorandum of Understanding (MOU) among the NJTPA, the New Jersey Department of Transportation (NJDOT), and NJ TRANSIT on procedures to amend and modify the State Transportation Improvement Program and the NJTPA TIP; and

**WHEREAS**, the TIP may be revised any time; and

**WHEREAS**, according to the MOU, the addition of federal funds above the amount specified in the MOU constitutes a minor amendment if the changes do not require a new air quality conformity determination; and

**WHEREAS**, the NJDOT is requesting that federal National Highway Performance Program (NHPP) funds be added to the *Route 3, Route 46, Valley Road and Notch/Rifle Camp Road Interchange, Contract B in Passaic County (DB# 059B)* project; and

**WHEREAS**, fiscal constraint is maintained because funds have been made available through the Fiscal Constraint Bank; and

**WHEREAS**, this minor amendment is exempt from an air quality conformity determination and does not impact the current conformity determination; and

**WHEREAS**, Congestion Management Process requirements do not apply to this action; and

**WHEREAS**, the FY 2018 – 2021 TIP conforms to the MAP-21/FAST Act performance-based planning requirements; and

**WHEREAS**, consistent with NJTPA public participation procedures, the NJTPA has provided opportunities for review of this action, and

**WHEREAS**, no action authorized by the NJTPA shall have force or effect until ten (10) days, Saturdays, Sundays and public holidays excepted, after a copy of the minutes of the meeting of the Board of Trustees has been delivered to the Governor for review, unless prior to expiration of the review period the Governor shall approve same, in which case the action shall become effective upon such approval.

**NOW, THEREFORE, BE IT RESOLVED**, that the North Jersey Transportation Planning Authority hereby approves the specified amendments to the FY 2018 – 2021 Transportation Improvement Program.

**BE IT FURTHER RESOLVED** that a copy of this resolution is forwarded to the New Jersey Department of Transportation for submission to the Federal Highway Administration.

## Summary of Action

### **Minor Amendment to the FY 2018-2021 Transportation Improvement Program to add Federal Funds to the Route 3, Route 46, Valley Road and Notch/Rifle Camp Road Interchange, Contract B Project in Passaic County as Requested by the New Jersey Department of Transportation**

**Action:** In order to advance the following project, the New Jersey Department of Transportation (NJDOT) has requested revising the FY 2018 – 2021 Transportation Improvement Program (TIP) to update programmed funding as detailed below.

**Background:** The requested revision for this project constitutes a minor amendment, according to the *TIP Memorandum of Understanding*. That is, federal funds are being programmed into the constrained years of the TIP in an amount above that specified in the MOU. The project does not require air quality conformity determination. As such, this minor amendment requires action by the NJTPA Project Prioritization Committee and the NJTPA Board of Trustees. Financial information is detailed on the attached documents.

#### **Minor Amendment:**

- **Route 3, Route 46, Valley Road and Notch/Rifle Camp Road Interchange, Contract B, Passaic County DB# 059B**  
The Construction cost estimate has increased. NJDOT is adding \$22 million in National Highway Performance Program (NHPP) funds for construction in Federal Fiscal Year 2019.

**Funding Resources:** Fiscal constraint is maintained because funds have been made available for this project through the Fiscal Constraint Bank.

**Justification for Action:** Approval of this minor amendment to the FY 2018 – 2021 TIP will allow the funds to be secured and the project to advance.

**Staff Recommendation:** Central Staff recommends approval of this action.

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

**Routes:** 3 / 46

**Mileposts:** Rt. 3 0-0.50 Rt. 46 DBNUM: 059B  
59.2-60.6

**Name:** Route 3, Route 46, Valley Road and Notch/Rifle Camp Road Interchange, Contract B

From Notch/Rifle Camp Road to just east of the Valley Road Intersection, Route 46 will be widened to provide standard shoulders and acceleration/deceleration/auxiliary lanes, and will be realigned as needed to improve sight distance. At the intersection of Route 46 and Route 3, a three-lane section will replace the existing two-lane connections. Route 46 will be realigned to converge with Route 3 from the right side (not the left as presently exists). Complete interchange upgrades will be made. From Route 46 to Grove Street, Route 3 will be widened to provide auxiliary lanes and standard shoulders. The project will require the removal of three bridge structures and replacing them with four new bridge structures. Each of these structures will be designed to provide a minimum vertical underclearance of 15 feet 6 inches. Culverts will be impacted as well. Bridge Structures to be replaced: 1606172, 1607151, 160150 (to be replaced with two structures); Culverts to be replaced: 1606173; Culverts to be extended: 1606168.

**Counties:** Passaic

**Municipalities:** Little Falls Twp Clifton City

**Project Type:**

**RCIS Category:** Road Enhancement

**Sponsor:** NJDOT

**Est. Total Project Cost: (Million) \$185.269**

**TIP:**

***CURRENT***

**FY 2018 - 2021 TIP Cost: (Million) \$114.859**

**Unconstrained  
Information Year**

MPO	PHASE	SOURCE	2018	2019	2020	2021	2022-2027
NJTPA	CON	DEMO-R		\$ .244			
NJTPA	CON	NHPP		\$43.215	\$35.950	\$35.450	\$29.500
				\$43.459	\$35.950	\$35.450	\$29.500

***PENDING***

**FY 2018 - 2021 TIP Cost: (Million) \$136.859**

**Unconstrained  
Information Year**

MPO	PHASE	SOURCE	2018	2019	2020	2021	2022-2027
NJTPA	CON	DEMO-R		\$ .244			
NJTPA	CON	NHPP		\$65.215	\$35.950	\$35.450	\$29.500
				\$65.459	\$35.950	\$35.450	\$29.500



# State of New Jersey

DEPARTMENT OF TRANSPORTATION  
1035 Parkway Avenue  
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MPO: **NJTPA**

PROJECT: **Route 3, Route 46, Valley Road and Notch/Rifle Camp Road Interchange, Contract B**

DBNUM: 059B

TRACK #: N-059B-3-M-2018

TYPE OF PROJECT CHANGE: Project Cost increase

ACTION TAKEN: Increases NHPP funding for CON in FFY 19 from \$43.215M by \$22M to \$65.215M.

REASON FOR CHANGE:

CON increased to match the most recent and revised budget estimate, which will be used for this project's Financial Management Plan.

MPO ACTION REQUIRED: Action requires MPO board approval

FISCAL CONSTRAINT:

Comments: See NJTPA FY 18-27 FC Chart #43

CONFORMITY:

PUBLIC INVOLVEMENT: