

Attachment H.3.c.

The North Jersey Transportation Planning Authority

FY 2018 Study and Development Program



September 25, 2017

FY 2018 Study and Development Program

Table of Contents

Introduction	iii
Bergen County.....	1
Essex County.....	5
Hudson County.....	7
Hunterdon County.....	10
Middlesex County.....	13
Monmouth County.....	16
Morris County.....	19
Ocean County.....	22
Passaic County.....	24
Somerset County.....	25
Sussex County.....	27
Union County.....	28
Warren County.....	30
NJ TRANSIT.....	32

FY 2018 Study and Development Program

Introduction

The Fiscal Year (FY) 2018 Study and Development (S&D) Program of the North Jersey Transportation Planning Authority (NJTPA) describes the transportation project planning work to be conducted during the FY. As such, it is a critical link between two of the NJTPA's most important federally required products: the Regional Transportation Plan (RTP), which sets the long-range planning vision for the region, and the near-term Transportation Improvement Program (TIP), which prioritizes and schedules funding for project implementation over four years. The S&D Program is where project solutions to the transportation needs and challenges identified in the RTP are examined and further refined so that they can move forward for implementation in the TIP.

The S&D Program is a subsection of the NJTPA's Unified Planning Work Program (UPWP), which summarizes all planning activities conducted by the NJTPA Central Staff, its member subregions and transportation agencies in the region. Projects scheduled for work in the S&D Program were drawn from the NJTPA's RTP, and from work conducted in the UPWP, or were generated by the New Jersey Department of Transportation (NJDOT) Management Systems. The program includes ongoing work on projects already in development, as well as several new projects being advanced for development for the first time.

Highway project planning work takes place during the Concept Development (CD) phase, during which NJDOT considers issues associated with the project and evaluates alternative solutions. One alternative, called the Preliminary Preferred Alternative (PPA) is selected based on a variety of factors, including environmental impacts, constructability, cost and its potential to address identified needs. Once NJDOT approves the PPA, projects generally become candidates for the TIP. For road or bridge projects listed as Local Concept Development (LCD), a subregion is the lead agency responsible for planning. NJ TRANSIT projects go through similar phases of project development, design, environmental assessment and preliminary engineering.

At the conclusion of the project development work, projects become candidates for inclusion in the NJTPA TIP. The TIP allocates federal funding for the latter stages of projects, including completion of final design, right-of-way acquisition and construction.

S&D Program Development

Projects are selected for inclusion in the S&D Program based on technical evaluation and consultation with interested parties. The goal is to select a reasonable and balanced mix of projects that reflects the priorities of the RTP and can be accomplished within available resources. As such, the project mix reflected in this document represents a realistic and manageable program that can prepare projects for the TIP within prescribed timeframes.

Initial priority setting for most S&D Program projects involved application of established NJTPA project prioritization criteria. These criteria are rooted in the broad regional goals and objectives of the RTP, and address the wide range of transportation, environmental, social and economic factors that inform all NJTPA decision-making. The project prioritization criteria are not applicable to a limited number of projects, namely those that are not sufficiently defined to be scored or outside the scope of the criteria. Prioritization of those projects involves discussions and negotiations at the regional and subregional level.

Other considerations also come into play in deciding whether a particular project is included in the S&D Program. Among the key considerations are:

- Whether the project is currently being worked on in its current phase of work or has completed a prior phase of work. (Since such projects have already been worked on, it is likely to be cost effective to complete their development);
- Safety considerations (addressing unsafe conditions is a top priority);
- Identification of the project in NJTPA regional and/or subregional planning studies;
- Identification of the project as a priority in one of the NJDOT Management Systems;
- Relationship to other projects (for example, it may be cost effective to work on two related projects together rather than separately);
- Geographic coverage (some projects may have benefits over wide areas); and
- Limitation of certain project types (NJDOT staff resources often limit the number of certain types of projects, like drainage or bridge replacements, that can be worked on concurrently).

These considerations, together with project scoring (when appropriate), are the basis for discussions at the regional and subregional level, as well as for consultation sessions with the state's principal implementing agencies, NJDOT and NJ TRANSIT.

The S&D Program is included in the annual UPWP, a multi-volume document that summarizes the transportation planning activities of the NJTPA Central Staff, its subregions and other transportation agencies in the region. In this way, the NJTPA Board of Trustees maintains oversight over the progress of project development work in the region, whether the work is conducted by the NJTPA or other agencies.

FY 2018 Study Development

Bergen County

Sponsor: NJDOT

9240 Route 1&9, Bridge over NYS&W RR & Division Street to Fairview Avenue

Counties: Bergen Hudson Municipalities: Fairview Boro North Bergen Twp
Sponsor: NJDOT MP: 60.56 - 61.10

Replacement of the existing structurally deficient Rt. 1&9 bridge over the NY Susquehanna & Western Railroad. Geometric upgrades include improvements to the Rt. 1&9 from south of Division Street to the intersection of Fairview Avenue with minor improvements to the intersection of Rt. 1&9 and Fairview Avenue.

Year Work

2018 CD

2019

14424 Route 9W, Bridge over Route 95, 1& 9, 46, and 4

Counties: Bergen Municipalities: Fort Lee Boro
Sponsor: NJDOT MP: 0.05

Problem statement submitted by BMS for Tier 1 Screening. It is recommended for rehabilitation or replacement.

Year Work

2018 CD

2019 CD

11406 Route 9W, Palisades Avenue to New York State Line

Counties: Bergen Municipalities: Englewood Cliffs Boro Alpine Boro
Sponsor: NJDOT MP: 2.19 - 11.17

Identified by the Route 9W Assessment for Bicycle and Pedestrian Needs, the limited ability of this roadway to accommodate bicycle traffic and pedestrian crossings at NJ Transit bus stops was identified as a safety deficiency. Bicycle and pedestrian compatibility signing, striping, and drainage grate improvements will be implemented to address these safety issues.

Year Work

2018 CD

2019

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

Counties: Bergen Municipalities: Rochelle Park Twp
Sponsor: NJDOT MP: 10.80 - 10.91

Deck Replacement Program FY 14

Year Work

2018 CD

2019

94056 Route 17, Central Avenue Bridge, Rochelle Park

Counties: Bergen Municipalities: Rochelle Park Twp
Sponsor: NJDOT MP: 10.90

This project will provide for the proposed bridge replacement, which was identified by Bridge Management System. The overall condition of the bridge is serious, with low appraisal ratings for structural evaluation and the inadequate deck geometry.

Year Work

2018 CD

2019

103A1 Route 17, Essex Street to South of Route 4

Counties: Bergen Municipalities: Various
 Sponsor: NJDOT MP: 10.19 - 12.04

Widening of Rt. 17 to provide six lanes of through traffic, some of which is on structures within the project limits. The project will include structure replacements and at-grade crossings at various intersections.

Year Work**2018 LCD****2019 LCD****94057 Route 17, NYS&W Bridge**

Counties: Bergen Municipalities: Rochelle Park Twp
 Sponsor: NJDOT MP: 10.90

This project will provide for the proposed bridge replacement, which was identified by Bridge Management System. The overall condition of the bridge is serious, with low appraisal ratings for structural elevation and the inadequate deck geometry.

Year Work**2018 CD****2019 CD****15383 Route 17, Pierrepont Ave to Terrace Ave/Polify Rd (CR 55)**

Counties: Bergen Municipalities: Rutherford Boro East Rutherford Boro Hasbrouck Height
 Sponsor: NJDOT MP: 4.49-8.85

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

Year Work**2018 CD****2019****11357 Route 17, Sprout Brook, Culvert Replacement**

Counties: Bergen Municipalities: Paramus Boro
 Sponsor: NJDOT MP: 15.0 - 15.1

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

Year Work**2018 CD****2019****103A2 Route 17, Williams Avenue to I-80**

Counties: Bergen Municipalities: Hasbrouck Heights Boro Hackensack City
 Sponsor: NJDOT MP: 8.3-9.9

This study will investigate the widening of Rt. 17 to provide six lanes of through traffic. Structural replacements will be included.

The following special federal appropriations have been allocated to this project: 1) FY 2004/Section 115/H17 \$1,000,000, ID# NJ093); 2) FY05/Section 11/H66, \$2,000,000 (ID# NJ 111); 3)FY06 SAFETEA-LU, HPP \$4,400,000 (ID# NJ128); 4) FY06 SAFETEA-LU, HPP \$9,600,000 (ID# NJ159) (available 20% per year); 5)FY 2004 Sec. 115/H17, PL 108-199, \$1,000,000 (ID# NJ094).

Year Work**2018 CD****2019**

16348 Route 46, Bridge over Erie-Lackawanna Railroad

Counties: Bergen Municipalities: Saddle Brook Twp
Sponsor: NJDOT MP: 65.4

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

Year Work**2018 CD****2019**

14418 Route 46, Bridges over Route 17

Counties: Bergen Municipalities: Hasbrouck Heights Boro
Sponsor: NJDOT MP: 68.01 - 68.11

As a result of a problem statement submitted by the BMS identifying the bridge decks as being in need of rehabilitation or replacement due to poor condition associated with observed cracks and spalls, CIPD completed a Tier 1 Screening and determined that further investigation is necessary to further evaluate the condition of the bridges and to address congestion within the project limits.

Year Work**2018 CD****2019**

16343 Route 63, Bridge over Fairview Avenue

Counties: Bergen Municipalities: Fairview Boro
Sponsor: NJDOT MP: 0.26

Initiated by the Bridge Management System, this project will replace the structurally deficient bridge, built in 1925.

Year Work**2018 CD****2019**

11381 Route 208, Bergen County Drainage Improvements

Counties: Bergen Municipalities: Wyckoff Twp Franklin Lakes Boro
Sponsor: NJDOT MP: 5.3 - 8.5

Initiated by the Drainage Management System (DMS), this project will address drainage issues within the project limits, including three locations ranked 5, 11 and 37 by the DMS.

Year Work**2018 CD****2019**

858 Route 287, Truck Weigh Station, Bergen County

Counties: Bergen Municipalities: Mahwah Twp
Sponsor: NJDOT MP: To be determined

This project consists of construction of a truck weigh station facility on the southbound side of I-287. It will weigh trucks destined for I-287 southbound. The project will include weigh-in-motion scales, static weigh scales, paving, grading, drainage, utilities (relocation and new services), striping, electric, lighting and landscaping. The facility will consist of internal roadways, approximately 11 parking stalls for trucks and automobiles, a commercial vehicle inspection building and a control building. A deceleration lane into and acceleration lane from the weigh station will need to be provided along I-287 southbound.

Year Work**2018 CD****2019**

15430 Route 3 EB, Bridge over Hackensack River & Meadowlands Parkway

Counties: Bergen Hudson Municipalities: East Rutherford Boro Secaucus Town
Sponsor: NJDOT MP: 8.5

Bridge Deck/Superstructure Replacement

Year Work

2018 CD

2019

Sponsor: LOCAL

N1801 East Anderson Street Bridge (02C0023A) over the Hackensack River

Counties: Bergen Municipalities: Hackensack City Teaneck Twp
Sponsor: Bergen County MP: 0.3-0.4

The existing bridge is a twin six-span, simply supported structure with a total length of 302'-2". The total width of the bridge is 74'-0". The bridge was constructed in 1971 and carries four (4) 12-foot lanes between curbs bounded by 5-foot wide sidewalks on both sides. The bridge has a 10' wide medium which contains a 5' wide utility bank between the two structures providing for separate eastbound and westbound roadways. The bridge replaced an existing swing span structure. The superstructure consists of 11 adjacent prestressed concrete box beams overlaid with an asphalt wearing course. There is cracking in the grout joints between the adjacent units resulting in reflective cracks in the wearing surface, eventually causing corrosion of the non-prestressed and prestressed reinforcement. The bridge has a sufficiency rating of 23.0.

Year Work

2018 LCD

2019

N1601 Kingsland Avenue, Bridge over Passaic River

Counties: Bergen Municipalities: Lyndhurst Twp Nutley Twp
Sponsor: Bergen County MP: 0.92

The structure was built in 1905 and reconstructed in 1986. It consists of a two-span, steel thru-truss swing span with two steel thru-truss approach spans having a total length of 364' and total width of 45'-8" with one 6' sidewalk. The bridge's SI&A is 24.4. The superstructure is in poor condition due to fatigue and the substructure is in satisfactory. The electrical machinery is outdated repair very costly.

Year Work

2018 LCD

2019

Essex County

Sponsor: NJDOT

15439 Route 10, Chelsea Drive to Kelly Drive

Counties: Essex Municipalities: Livingston Twp West Orange Twp
Sponsor: NJDOT MP: 21.42-21.87

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.

Year Work

2018 CD

2019

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

Counties: Essex Municipalities: Newark City Belleville Twp
Sponsor: NJDOT MP: 2.1-4.02

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

Year Work

2018 CD

2019

16327 Route 280 Rockfall Mitigation, West Orange Township

Counties: Essex Municipalities: West Orange Twp
Sponsor: NJDOT MP: 6.8-7.0

Rockfall mitigation measures are anticipated to include mass excavation, scaling, rock bolting, wire mesh drapes, and rock catch fences.

Year Work

2018 CD

2019

Sponsor: LOCAL

N1402 Clay Street Bridge over the Passaic River

Counties: Hudson Essex Municipalities: Newark City East Newark
Sponsor: Hudson County MP: 0.0 - 0.07

This study will look at alternatives of an existing movable swing bridge at Clay Street which is structurally deficient.

Year Work

2018 LCD

2019

N1602 CR 508 (Bridge Street), Bridge over Passaic River

Counties: Essex Hudson Municipalities: Newark City Harrison Twp
Sponsor: Essex County MP: 12.27

The historic structure was built in 1913 and rehabilitated in 1981. The SI&A of the bridge is 49.0. The structure is structurally deficient and functionally obsolete. 2 lanes with an overall roadway width of 39.5'. The bridge is eligible for placement on the National Register of Historic Places.

Year Work

2018 LCD

2019

N1605 CR 508 (Central Avenue), Bridge over City Subway

Counties: Essex Municipalities: Newark City
Sponsor: City of Newark MP: 10.40

The functionally obsolete and structurally deficient bridge spans over the City's Subway. The superstructure is in poor condition and the substructure is in fair condition. The Bridge has an SI&A of 32.0. The bridge was built in 1908 and is a four span, Through Truss, Floorbeam-Stringer System.

Year Work

2018 LCD

2019

98540 Route 21, Newark Riverfront Pedestrian and Bicycle Access

Counties: Essex Municipalities: Newark City
Sponsor: Newark City MP: 4.1-4.3

This project proposes to improve pedestrian and bicycle connections between Broad St 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 Ave, 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).

Year Work

2018 LCD

2019

Hudson County

Sponsor: NJDOT

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

Counties: Hudson Municipalities: Secaucus Town
Sponsor: NJDOT MP: 4.33-4.33

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.

Year Work

2018 CD

2019

9240 Route 1&9, Bridge over NYS&W RR & Division Street to Fairview Avenue

Counties: Bergen Hudson Municipalities: Fairview Boro North Bergen Twp
Sponsor: NJDOT MP: 60.56 - 61.10

Replacement of the existing structurally deficient Rt. 1&9 bridge over the NY Susquehanna & Western Railroad. Geometric upgrades include improvements to the Rt. 1&9 from south of Division Street to the intersection of Fairview Avenue with minor improvements to the intersection of Rt. 1&9 and Fairview Avenue.

Year Work

2018 CD

2019

97005E Route 1&9T, Secaucus Road to Little Ferry

Counties: Hudson Municipalities: Jersey City
Sponsor: NJDOT

This project, formerly known as New Road Extension, is the proposed extension of New Road north of Secaucus Road to the CSX facility at Little Ferry and/or a connection to the NJ Turnpike. New Road extension will create a direct connection to Croxton Yard and its vicinity, thereby reducing port-generated truck traffic on the parallel section of Rt. 1 & 9. This will reduce congestion on Rt. 1 & 9, especially during peak hours.

Year Work

2018 CD

2019

15430 Route 3 EB, Bridge over Hackensack River & Meadowlands Parkway

Counties: Bergen Hudson Municipalities: East Rutherford Boro Secaucus Town
Sponsor: NJDOT MP: 8.5

Bridge Deck/Superstructure Replacement

Year Work

2018 CD

2019

Sponsor: LOCAL

N1402 Clay Street Bridge over the Passaic River

Counties: Hudson Essex Municipalities: Newark City East Newark
Sponsor: Hudson County MP: 0.0 - 0.07

This study will look at alternatives of an existing movable swing bridge at Clay Street which is structurally deficient.

Year Work

2018 LCD

2019

N1602 CR 508 (Bridge Street), Bridge over Passaic River

Counties: Essex Hudson

Municipalities: Newark City Harrison Twp

Sponsor: Essex County

MP: 12.27

The historic structure was built in 1913 and rehabilitated in 1981. The SI&A of the bridge is 49.0. The structure is structurally deficient and functionally obsolete. 2 lanes with an overall roadway width of 39.5'. The bridge is eligible for placement on the National Register of Historic Places.

Year Work**2018 LCD****2019**

N1603 JFK Boulevard East, River Road, Manhattan Avenue, and Paterson Plank Road

Counties: Hudson

Municipalities: Various

Sponsor: Hudson County

Retain wall and Slope Stabilization Improvements along County Roads: JFK Boulevard East and River Road (CR 505, 693) in North Bergen, West New York, Guttenberg and Weehawken; Manhattan Avenue along North and South Approaches to 14th Street Viaduct (CR 683, 687) in Union City and Paterson Plank Road (CR681) in Jersey City and North Bergen.

The retaining walls were constructed of either stone (mostly) or concrete and heights varying from 1 to 40 feet. All of the wall conditions are rated as either fair or poor in terms of structural integrity.

Year Work**2018 LCD****2019**

N1702 Koppers Coke Access Road (Liberty Corridor)

Counties: Hudson

Municipalities: Kearny Town

Sponsor: Hudson County

The proposed access road development on the Koppers Coke Peninsula will include 1.9 million square feet of warehousing and the NJ TRANSIT microgrid. The following federal appropriation was allocated to this project, DEMO ID #NJ272.

Year Work**2018 LCD****2019**

N1802 Meadowlands Parkway Bridge

Counties: Hudson

Municipalities: Secaucus Town

Sponsor: Hudson County

MP: 1.4-1.6

The bridge was built in 1973 and it connects State Route 3, the Frank Lautenberg Intermodal Facility and the NJ Turnpike Exit 15X. The bridge is a 4-span simply supported multi stringer bridge and crosses over the NJ Transit's Norfolk Southern line. The bridge has a sufficiency rating of 64.3.

Year Work**2018 LCD****2019**

06307 Route 440/1&9, Boulevard through Jersey City

Counties: Hudson

Municipalities: Jersey City

Sponsor: Jersey City

MP: Rt. 440 24.10-26.18 Rt. 1&9T 2.30-3.80

This project intends to allow Rt. 440/Rt. 1&9 to function as a principal arterial and as a neighborhood main street. The project will improve connections between the local street network and address safety concerns for pedestrians and bicyclists. Part of the plan is the creation of an urban boulevard along Rt. 440/1&9 in order to separate local and express traffic. Light rail expansion and other aesthetic improvements will be included in the study.

The federal SAFETEA-LU legislation provided a special appropriation for concept development designs. A boulevard on Rt. 440 and Rt. 1&9 through Jersey City is planned.

The following special federal appropriations were allocated to this project: FY05 SAFETEA LU/HPP \$1,800,000. Bill lines #350 and #3567, (ID# NJ 130 and ID# NJ 243).

CD Study completion anticipated in 2016, future phases not funded. Jersey City is Lead Agency.

Year Work

2018 LCD

2019

Hunterdon County

Sponsor: NJDOT

15322 Delaware & Raritan Canal Bridges

Counties: Mercer Hunterdon Middlesex Somerset Municipalities: Various
Sponsor: NJDOT

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 provided 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.

Year Work

2018 CD

2019

14425 Route 22, Bridge over NJT Raritan Valley Line

Counties: Hunterdon Municipalities: Clinton Twp
Sponsor: NJDOT MP: 20.08

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

Year Work

2018 CD

2019

11413C Route 29, Alexauken Creek Road to Washington Street

Counties: Hunterdon Municipalities: Lambertville City Delaware Twp Kingwood Twp Frenchto
Sponsor: NJDOT MP: 19.8-24.5 & 33.7-34.3

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.

Year Work

2018 CD

2019

15443 Route 29, Rockfall Mitigation, West Amwell & Lambertville

Counties: Hunterdon Municipalities: Lambertville City West Amwell Twp
Sponsor: NJDOT MP: 17.0-18.25

The slopes along this section of Rt. 29 contain many large blocks and boulders, which are intermingled with soil areas and historic rock block retaining structures; there is essentially no catch area along the NB shoulder; falling rock is likely to impact the roadway, which has limited sight distance. This section contains the 4th highest ranked cut yet to be assigned for mitigation design. In addition, pavement conditions are poor and need to be assessed.

Year Work

2018 CD

2019

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

Counties: Hunterdon Municipalities: Flemington Boro Raritan Twp
 Sponsor: NJDOT MP: 22.21-23.13

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.

Year Work**2018 CD****2019****08327D Route 31, HealthQuest Boulevard to River Road**

Counties: Hunterdon Municipalities: Raritan Twp
 Sponsor: NJDOT MP: 24.53-25.13

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.

Year Work**2018 CD****2019****403A Route 31, Integrated Land Use & Transportation Plan**

Counties: Hunterdon Municipalities: Flemington Boro Raritan Twp
 Sponsor: NJDOT MP: 22.02 - 25.30

The Rt. 31 Integrated Land Use & Transportation Study is for the completion of the South Branch Parkway (SBP) and other elements of the "plan" as needed. The South Branch Parkway is the two-lane, at-grade roadway on the alignment of the proposed Flemington Bypass. The \$2,200,000 of FY 2007 PE DEMO funds was not intended for the SBP. It is intended for one of the "breakouts", such as the Flemington Circle to Roundabout project, or the South Main St. Circle to Roundabout project.

The following special Federal appropriations were allocated to this project. TEA-21/Q92 \$11,839,898; FY 2004/Section 115/H17 \$150,000; FY06 SAFETEA-LU, HPP \$2,000,000 (available 20% per year).

Continue to work with Developers to preserve future alignment of South Branch Parkway. No other activity.

Year Work**2018 CD****2019****16341 Route 78, Bridge over Beaver Brook**

Counties: Hunterdon Municipalities: Clinton Twp
 Sponsor: NJDOT MP: 18.3

Initiated by the Bridge Management System, this project will replace the structurally deficient bridge, built in 1941.

Year Work**2018 CD****2019**

9137A Route 78, Edna Mahan Frontage Road

Counties: Hunterdon

Municipalities: Union Twp

Sponsor: NJDOT

MP: 15.00 - 15.40

The existing frontage road along I-78 eastbound will be extended to meet the existing prison access road. The prison access road extends to the west and terminates at the Edna Mahan Women's Correctional Facility. This will allow a significant workforce at the correctional facility direct access to I-78 eastbound.

Year Work**2018 CD****2019****93141 Route 78, Interchange Study at Route 31**

Counties: Hunterdon

Municipalities: Clinton Twp

Sponsor: NJDOT

MP: Rt. 78: 16.5 - 17.7; Rt. 31: 31.70 - 33.50

Hunterdon County performed a planning study of the I-78 corridor from Interchange 15 to Interchange 20. This study is the basis for DOT work efforts. The findings will be refined and concepts developed that best address the planning needs as well as the physical operational and safety deficiencies within the study limits. Both long-term as well as short-range improvements identified in the NJTPA I-78 Transit Assessment Phase II Study completed in 2009 should be considered.

Year Work**2018 CD****2019****16338 Route 173, Bridge over Mulhockaway Creek**

Counties: Hunterdon

Municipalities: Union Twp

Sponsor: NJDOT

MP: 8.98

Initiated by the Bridge Management System, this project will replace the structurally deficient bridge, built in 1920.

Year Work**2018 CD****2019****16362 Route 173, CR 513 (Pittstown Rd) to Beaver Avenue (CR 626)**

Counties: Hunterdon

Municipalities: Clinton Twp Franklin Twp Union Twp

Sponsor: NJDOT

MP: 12.98-14.62

Problem statement submitted by Clinton Township. The township is requesting installation of pedestrian facilities along Route 173.

Year Work**2018 CD****2019**

Middlesex County

Sponsor: NJDOT

15322 Delaware & Raritan Canal Bridges

Counties: Mercer Hunterdon Middlesex Somerset Municipalities: Various
Sponsor: NJDOT

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 provided 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.

Year Work

2018 CD

2019

14423 Grove Avenue, Bridge over Port Reading RR

Counties: Middlesex Municipalities: Metuchen Boro
Sponsor: NJDOT MP: 0.87

Initiated by the Bridge Management System, this project will rehabilitate/replace the bridge. The bridge has been determined to be structurally deficient and functionally obsolete. The bridge is a 120ft timber structure supported by timber piers, built in 1900.

Year Work

2018 CD

2019

99313 Park Avenue Bridge

Counties: Middlesex Municipalities: South Plainfield Boro
Sponsor: NJDOT MP: RR 25.24

Proposed replacement or rehabilitation of this orphan bridge which is in critical condition.

Year Work

2018 LCD

2019

08417 Route 1, Forrestal Road to Aaron Road

Counties: Middlesex Municipalities: Plainsboro Twp South Brunswick Twp North Brunswick Twp
Sponsor: NJDOT MP: 13.30 - 22.50

A project to address the deficiencies along the portion of Route 1 in South Brunswick between MP 13.30 and 22.50. This stretch of the roadway currently accommodates only two travel lanes in each direction. Sections of Route 1 both north and south carry three lanes of travel. The 3 Intersections of Ridge Road, New Road, and Deans Lane/Henderson Road will be advanced into Concept Development under this agreement.

Year Work

2018 CD

2019

15303 Route 1, NB Bridge over Raritan River

Counties: Middlesex

Municipalities: Edison Twp New Brunswick City

Sponsor: NJDOT

MP: 27.75 - 28.05

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.

Year Work**2018 CD****2019****16352 Route 18 NB, Bridge over Conrail**

Counties: Middlesex

Municipalities: East Brunswick Twp

Sponsor: NJDOT

MP: 37.46

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

Year Work**2018 CD****2019****15398 Route 26, Cox Road to Nassau Street**

Counties: Middlesex

Municipalities: North Brunswick Twp

Sponsor: NJDOT

MP: 1.64-2.54

Federal Resurfacing/Rehab project.

Year Work**2018 CD****2019****16339 Route 130, Bridge over Millstone River**

Counties: Mercer Middlesex

Municipalities: East Windsor Twp Cranbury Twp

Sponsor: NJDOT

MP: 70.04

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

Year Work**2018 CD****2019****14355 Route 440, Route 95 to Kreil Avenue**

Counties: Middlesex

Municipalities: Edison Twp Woodbridge Twp Perth Amboy City

Sponsor: NJDOT

MP: 0.05 - 4.0

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

Year Work**2018 CD****2019**

Sponsor: LOCAL

06316 Carteret Ferry Service Terminal

Counties: Middlesex

Municipalities: Carteret Boro

Sponsor: Carteret Boro

Funding is being provided for the construction of a ferry terminal.

This project is a multi-year funded design/right of way/construction project.

The following special federal appropriation was allocated to this project: FY 2005 SAFETEA-LU, Section 2871 \$1,680,000 (ID# NJ 215), \$565,463 (ID# NJ038)

2008 Technical Corrections Act, received \$750,000 from NJ215 (DB 06316) to this NJ199 (DB 06344).

Year Work

2018 LCD

2019

98541 South Amboy Intermodal Center

Counties: Middlesex

Municipalities: South Amboy City

Sponsor: Middlesex County; South Amboy City

This is an intermodal project linking several major regional routes and modes of transportation into one central point of transfer. Improvements in the vicinity of the South Amboy waterfront may include rail and bus transit plazas, arterial and site access road improvements, bridge reconfiguration, bulkheading and breakwater development, ferry terminal, and pedestrian access to rail and bus facilities.

Year Work

2018 CD

2019

9324A Tremley Point Connector Road

Counties: Union Middlesex

Municipalities: Linden City Carteret Boro

Sponsor: NJTA/Union County

The Tremley Point Connector Road is a new four-lane, predominantly pile-supported, approximately 1.1 mile long roadway/bridge that will cross the Rahway River, featuring two 12-foot lanes in each direction and 3-foot wide right shoulders. The redevelopment of the Tremley Point area of Linden has been the subject of numerous reports and analysis. The local roadway system in Linden is unable to support the increase in truck traffic anticipated by the redevelopment of the Tremley Point Brownfield into more than six million square feet of warehouse and distribution space. The Tremley Point area is located less than 10 miles from Port Elizabeth, Newark and Newark Liberty International Airport. The NJ Turnpike is currently advancing the Environmental Assessment document with the USCG for a Connector Road from Tremley Point in Linden to Industrial Highway in Carteret, which has access to NJ Turnpike Interchange 12.

Year Work

2018 LCD

2019

Monmouth County

Sponsor: NJDOT

07350 Route 9, Bus Rapid Transit

Counties: Ocean Monmouth

Municipalities: Lakewood Twp Howell Twp Freehold Twp Manalapan Tw

Sponsor: NJDOT

MP: 103.0-122.46

The Rt. 9 Bus Rapid Transit project is projected to be an extension of the bus shoulder lane that has completed construction. NJ Transit proposes to extend the shoulder use for buses from the Howell/Lakewood border to Old Bridge in both directions.

Year Work

2018 CD

2019

15402 Route 34, Route 35 & 70 to Route 195/138

Counties: Monmouth

Municipalities: Wall Twp

Sponsor: NJDOT

MP: 0.0-4.1

Federal Resurfacing/Rehab project. MP NB 0.0-4.1; SB 0.0-1.6, 2.6-2.7

Year Work

2018 CD

2019

15389A Route 35, Old Bridge Road to Route 34 & Route 70

Counties: Monmouth

Municipalities: Wall Twp

Sponsor: NJDOT

MP: 15.77-16.1

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

Year Work

2018 CD

2019

16349 Route 36, Bridge over Troutman's Creek

Counties: Monmouth

Municipalities: Long Branch City

Sponsor: NJDOT

MP: 5.36

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

Year Work

2018 CD

2019

15384 Route 36, Clifton Ave/James St to CR 520 (Rumson Rd)

Counties: Monmouth

Municipalities: Long Branch City Monmouth Beach Boro Sea Bright Bor

Sponsor: NJDOT

MP: 5.7-9.4

Federal Resurfacing/Rehab project.

Year Work

2018 CD

2019

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

Counties: Burlington Ocean Monmouth

Municipalities: Pemberton Twp Manchester Twp Brick Twp Brielle Boro

Sponsor: NJDOT

MP: 27.9-58.53

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

Year Work**2018 CD****2019**

15449 Route 71, Bridge over NJ Transit (NJCL)

Counties: Monmouth

Municipalities: Deal

Sponsor: NJDOT

MP: 11.59

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.

Year Work**2018 CD****2019**

16316 Route 71, Bridge over Shark River

Counties: Monmouth

Municipalities: Belmar Boro Avon By the Sea Boro

Sponsor: NJDOT

MP: 5.89

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

Year Work**2018 CD****2019**

15401 Route 138, Garden State Parkway to Route 35

Counties: Monmouth

Municipalities: Wall Twp

Sponsor: NJDOT

MP: 0.37-3.52

Federal Resurfacing/Rehab project.

Year Work**2018 CD****2019**

15380 Route 79, Route 9 to Route 34 (Middlesex Street)

Counties: Monmouth

Municipalities: Freehold Twp Freehold Boro Marlboro Twp Matawan Bo

Sponsor: NJDOT

MP: 0.0-12.13

Federal Resurfacing/Rehab project.

Year Work**2018 CD****2019**

16312 School House Road, Bridge over Route 35

Counties: Monmouth

Municipalities: Brielle Boro

Sponsor: NJDOT

MP: 15.48

BMS has identified this bridge for deck/superstructure replacement based on deck condition rating of 4 (poor).

Year Work**2018 CD****2019**

Sponsor: LOCAL

08379 Laurel Avenue NJ Transit Bridge Replacement

Counties: Monmouth

Municipalities: Holmdel Twp

Sponsor: Holmdel Twp.

The purpose of this project is to provide for the replacement of the NJ Transit bridge (carrying New Jersey Coast Line) over Laurel Avenue.

The following special federal appropriation was allocated to this project. FY06 SAFETEA LU/HPP \$800,000. (ID # NJ -118)

Year Work

2018 LCD

2019

06314 Long Branch Ferry Terminal

Counties: Monmouth

Municipalities: Long Branch City

Sponsor: NJ TRANSIT

This project will provide for the design and construction of facilities for ferry service from Long Branch, New Jersey to New York and other destinations.

Year Work

2018 LCD

2019

NS9603 Monmouth County Bridge S-31 (AKA Bingham Avenue Bridge) over Navesink River, CR 8A

Counties: Monmouth

Municipalities: Middletown Twp Rumson Boro

Sponsor: Monmouth County

Bridge S-31 carries CR 8A across the Navesink River between Middletown and Rumson. It is a primary access route to the densely populated areas north and south of the river. The structure is in poor condition and the major bridge components are deteriorating. The bridge is eligible for the National Register of Historic Places. Possible improvements such as rehabilitation or replacement of the structure will be studied.

Year Work

2018 LCD

2019

08329 Route 66, West of Jumping Brook Road to East of Wayside Avenue

Counties: Monmouth

Municipalities: Neptune Twp

Sponsor: NJTPA

MP: 0.9-2.6

This section of Rt. 66 experiences severe congestion during peak periods. Intersection improvements at Wayside Avenue and Asbury Avenue and a widening to add a center lane or a full lane in each direction is recommended for investigation.

Year Work

2018 LCD

2019

Morris County

Sponsor: NJDOT

15441 Route 15 Corridor, Rockfall Mitigation

Counties: Morris Sussex Municipalities: Jefferson Twp Lafayette Twp Sparta Twp
Sponsor: NJDOT MP: 3.0-19.53

This section of rock cuts includes the 2 highest-ranked cut slopes within the Rockfall Hazard Management System (RHMS) yet to be assigned for mitigation design; the group contains several other cut slopes ranked within the top 12%. The slopes exhibit many loose boulders and overhanging blocks, which, in conjunction with the limited catch areas, present the potential for falling material to impact the traveled roadway. In addition, within the last year, one location had a Rockfall event where a 20-ton boulder fell upon guiderail.

Year Work

2018 CD

2019

14414 Route 15 SB, Bridge over Rockaway River

Counties: Morris Municipalities: Jefferson Twp
Sponsor: NJDOT MP: 4.2

Problem statement submitted by BMS for Tier 1 Screening. It is recommended for rehabilitation or replacement.

Year Work

2018 CD

2019

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

Counties: Morris Municipalities: Dover Twp Rockaway Twp
Sponsor: NJDOT MP: 38.26-39.85

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.

Year Work

2018 CD

2019

06366E Route 46, Route 80 Exit Ramp to Route 53

Counties: Morris Municipalities: Denville Twp
Sponsor: NJDOT MP: 42.80 - 43.10

Congestion along the corridor may be attributed to a combination of high traffic volumes and constricted roadway geometry.

Year Work

2018 CD

2019

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

Counties: Morris Municipalities: Mount Arlington Boro
 Sponsor: NJDOT MP: 30.61

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.

Year Work**2018 CD****2019****15444 Route 80, Rockfall Mitigation, Rockaway, Denville, Par-Troy**

Counties: Morris Municipalities: Rockaway Twp Denville Twp Parsippany-Troy Hills Twp
 Sponsor: NJDOT MP: 37.0-42.0

This through-cut section (MP 41.0 EB & WB) is the 3rd highest overall yet to be assigned for mitigation design. There are several extremely large boulders and rock wedges which, in the event of a fall, will likely reach the pavement of the Interstate highway with high daily vehicular traffic. The project limits contain several other cut slopes ranked within the top 10%.

Year Work**2018 CD****2019****15381 Route 202, Childs Rd/N Maple Ave (CR 613) to Academy Road**

Counties: Morris Somerset Municipalities: Bernards Twp Harding Twp Morristown Twp Morris Plain
 Sponsor: NJDOT MP: 39.0-46.7

Federal Resurfacing/Rehab project.

Year Work**2018 CD****2019****16333 Scour Countermeasure Design and Installation**

Counties: Sussex Morris Municipalities: Hardyston Twp Sandyston Twp Mt Olive Twp
 Sponsor: NJDOT

Initiated by the Bridge Management System, this project will provide scour countermeasures on three bridges; NJ 23 over Branch Franklin Lake, US 206 over Big Flat Brook, and US 206 over Tributary to Drakes Brook.

Year Work**2018 CD****2019****Sponsor: LOCAL****N1604 CR 510 (Columbia Turnpike), Bridge over Black Brook**

Counties: Morris Municipalities: Florham Park Boro
 Sponsor: Morris County MP: 15.38

The functionally obsolete single span with concrete encased and painted rolled multiple steel stringers supported on reinforced concrete substructures was built in 1929 and widened in 1960. Has a SI&A of 34.7. Superstructure is rated as fair and Substructure is rated as satisfactory.

Year Work**2018 LCD****2019**

N1804 Martin Luther King Avenue Bridge (No. 1400-118) over the Whippany River

Counties: Morris

Municipalities: Morristown Town

Sponsor: Morris County

MP: 0.13

The existing bridge built in 1900 is a three span closed spandrel stone arch which was widened in 1928 with a stone masonry arch and multiple steel stringers supported on masonry substructures. The structure is classified as structurally deficient and functionally obsolete. The superstructure is rated poor due to the deteriorated voided masonry arches and section loss of the steel stringers. The bridge has a sufficiency rating of 45.9.

Year Work

2018 LCD

2019

15433 Route 24, EB Ramp to CR 510 (Columbia Turnpike)

Counties: Morris

Municipalities: Morris Twp Hanover Twp

Sponsor: Morris County

MP: 2.09

Develop recommendations that would improve the traffic flow between the ramp and the intersection along with providing improvements to the operation of the intersection that could be investigated further. The Route 24 EB ramp merges with Columbia Turnpike WB approximately 650 feet east of the signalized intersection of Columbia Turnpike and Park Avenue. At this intersection there is a heavy AM left turn movement on the Columbia Turnpike WB approach that currently utilizes a double left-turn lane.

Year Work

2018 CD

2019

Ocean County

Sponsor: NJDOT

07350 Route 9, Bus Rapid Transit

Counties: Ocean Monmouth

Municipalities: Lakewood Twp Howell Twp Freehold Twp Manalapan Tw

Sponsor: NJDOT

MP: 103.0-122.46

The Rt. 9 Bus Rapid Transit project is projected to be an extension of the bus shoulder lane that has completed construction. NJ Transit proposes to extend the shoulder use for buses from the Howell/Lakewood border to Old Bridge in both directions.

Year Work

2018 CD

2019

076C Route 9, Lakewood/Toms River, Congestion Relief

Counties: Ocean

Municipalities: Lakewood Twp Toms River Twp

Sponsor: NJDOT

MP: 94.8 - 101.7

Under existing conditions, this corridor consistently experiences high levels of congestion and crashes both weekdays and weekend. Growth continues in these two towns and the associated traffic will exacerbate these conditions over time. The 7.2 mile segment runs parallel to the Garden State Parkway (to the east) and provides an alternate route for north-south traffic in this area during incidents on the Garden State Parkway.

Year Work

2018 CD

2019

97080N Route 9, Mizzen Avenue and Washington Avenue, Intersection Improvements

Counties: Ocean

Municipalities: Pine Beach Boro Berkeley Twp

Sponsor: NJDOT

MP: 89.41 - 89.44

The signalized Mizzen Avenue intersection is located very close to the unsignalized Washington Avenue intersection. These two intersections are attempting to operate as one. The geometry combined with the traffic volumes create severe delays at these intersections. A Town Center is proposed adjacent to this location.

Year Work

2018 CD

2019

15432 Route 9, Washington Avenue to Beachwood Boulevard

Counties: Ocean

Municipalities: Beachwood Boro

Sponsor: NJDOT

MP: 89.3-90

Problem statement submitted by Ocean County for congestion, safety, and operational deficiencies along Route 9.

Year Work

2018 CD

2019

15389 Route 35, Osborne Avenue to Manasquan River

Counties: Ocean

Municipalities: Point Pleasant Beach Boro

Sponsor: NJDOT

MP: 12.48-14.52

Reconstruction and Drainage Project

Year Work

2018 CD

2019

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

Counties: Burlington Ocean Monmouth Municipalities: Pemberton Twp Manchester Twp Brick Twp Brielle Boro
Sponsor: NJDOT MP: 27.9-58.53

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

Year Work

2018 CD

2019

Sponsor: LOCAL

N1805 Chadwick Beach Island Bridge (No. 1507-007) over Barnegat Bay

Counties: Ocean Municipalities: Toms River Twp
Sponsor: Ocean County

The existing structure is a timber bridge with a timber substructure (load bearing piles and timber bulkhead) that date back to the 1950s. The original superstructure (timber deck boards, pile caps, and railings) were replaced in 1985. The geometry of the bridge itself does not meet today's standards as it's curb-to-curb width is only 24'. The bridge has a sufficiency rating of 51.8.

Year Work

2018 LCD

2019

N1405 Garden State Parkway Interchange 83 Improvements

Counties: Ocean Municipalities: Toms River Twp
Sponsor: Ocean County MP: CR 571: 6.05-6.10 & GSP: 84.40-84.80

Ocean County is undertaking improvements to improve traffic operations and safety at Garden State Parkway Interchange 83 and at the intersection of Route 9 and CR 571. Construction of a new exit ramp will improve system connectivity by linking the Garden State Parkway with Toms River Township.

Year Work

2018 LCD

2019

Passaic County

Sponsor: NJDOT

16324 Route 23 Rockfall Mitigation, West Milford Township

Counties: Passaic Municipalities: West Milford Twp
Sponsor: NJDOT MP: 17.0-22.0

Rockfall mitigation measures are anticipated to include mass excavation, scaling, rock bolting, wire mesh drapes, and rock catch fences.

Year Work

2018 CD

2019

16308 Taft Avenue, Pedestrian Bridge over Route 80

Counties: Passaic Municipalities: Woodlawn Park Boro
Sponsor: NJDOT MP: 56.84-56.84

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

Year Work

2018 CD

2019

Sponsor: LOCAL

N1806 Main Avenue Corridor Improvements

Counties: Passaic Municipalities: Passaic City
Sponsor: Passaic County MP: 2.29-3.0

The current configuration of Main Avenue where the center median serves as parking area in the Central Business District. Originally the median was the Erie Railroad. The current configuration causes for traffic congestion, crashes, and safety issues within the project area.

Year Work

2018 LCD

2019

N1606 Sixth Avenue (CR 652), Bridge over Passaic River

Counties: Passaic Municipalities: Paterson City Prospect Park Boro Hawthorne Boro
Sponsor: Passaic County MP: 0.45

The structure is functionally obsolete and has a SI&A of 57.1. Over the course of 3 years 25 accidents have occurred near the intersection. 2 11'-10" travel lanes with no shoulders and one sidewalk of 4.9'. Curb width is 23'-8". Four span continuous steel Acrow panel trusses on stone masonry piers and abutments, with open grid steel deck built in 1900 and reconstructed in 1987.

Year Work

2018 LCD

2019

Somerset County

Sponsor: NJDOT

15322 Delaware & Raritan Canal Bridges

Counties: Mercer Hunterdon Middlesex Somerset Municipalities: Various
Sponsor: NJDOT

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 provided 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.

Year Work

2018 CD

2019

13318 Route 28, Rt 287 to Tea Street

Counties: Somerset Municipalities: Bound Brook Boro
Sponsor: NJDOT MP: 6.73 - 6.86

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.

Year Work

2018 CD

2019

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

Counties: Morris Somerset Municipalities: Bernards Twp Harding Twp Morristown Twp Morris Plain
Sponsor: NJDOT MP: 39.0-46.7

Federal Resurfacing/Rehab project.

Year Work

2018 CD

2019

12332 Route 202, Old York Road (CR 637) Intersection Improvements

Counties: Somerset Municipalities: Branchburg Twp
Sponsor: NJDOT MP: 20.40

This study will examine alternatives to improve traffic safety and congestion in the area of the intersection.

Year Work

2018 CD

2019

02372 Route 202/206 and Route 22 Interchange, North Thompson Street to Commons Way, Operational and Safety Improvements

Counties: Somerset

Municipalities: Somerville Boro Raritan Boro

Sponsor: NJDOT

MP: Rt. 202/206: 24.14-25.50; Rt. 22: 33.88

This study will provide operational and safety improvements to the Rt. 202/206/22 Interchange complex from North Thomson St. to Commons Way. The improvements will focus on reducing the congestion and weaving problems that occur in the vicinity of Rt. 202/206 and Rt. 22 interchange.

Year Work

2018 CD

2019

Sponsor: LOCAL

N1607 CR 512 (Valley Road), Bridge over Passaic River

Counties: Somerset

Municipalities: Bernards Twp Long Hill Twp

Sponsor: Somerset County

MP: 21.22

Three-span, simply supported concrete encased steel stringers with concrete deck on reinforced concrete abutments and piers. The bridge has an SI&A of 45.0. The substructure is in poor condition due to severe scaling and efflorescence on the breast walls, bridge seats and wing walls for both abutments. Curb width of 33.3', 5'-6" sidewalks on both sides.

Year Work

2018 LCD

2019

N1807 Picket Place, CR 567 Bridge (C0609) over South Branch of Raritan River

Counties: Somerset

Municipalities: Branchburg Twp Hillsborough Twp

Sponsor: Somerset County

MP: 1.40

The existing bridge built in 1979 is a 4 span, simply supported prestressed concrete cast-in-place. Both Substructure is in poor condition due to large spalls with exposed rusted reinforced steel. Superstructure exhibits spalls at the ends of all restressed concrete beams. The bridge has a sufficiency rating of 50.5.

Year Work

2018 LCD

2019

03318 Route 22, Sustainable Corridor Long-term Improvements

Counties: Somerset

Municipalities: Bridgewater Twp

Sponsor: Somerset County

MP: 33.88 - 37.14

This proposed project will investigate long-term improvements between Rt. 202/206 and Chimney Rock Road. Proposed improvements should address the high accident rates as well as eliminate congestion in this area. A full alternatives analysis is to be undertaken by Somerset County in order to fully determine the needs and the most cost-effective solution.

The following special Federal appropriation was allocated to this project. FY 08 Omnibus Appropriations Bill, \$4,000,000, ID# NJ 288, NJ 109, NJ 284, NJ 227, NJ 166, (See also DB 03319)

Year Work

2018 LCD

2019

Sussex County

Sponsor: NJDOT

15441 Route 15 Corridor, Rockfall Mitigation

Counties: Morris Sussex

Municipalities: Jefferson Twp Lafayette Twp Sparta Twp

Sponsor: NJDOT

MP: 3.0-19.53

This section of rock cuts includes the 2 highest-ranked cut slopes within the Rockfall Hazard Management System (RHMS) yet to be assigned for mitigation design; the group contains several other cut slopes ranked within the top 12%. The slopes exhibit many loose boulders and overhanging blocks, which, in conjunction with the limited catch areas, present the potential for falling material to impact the traveled roadway. In addition, within the last year, one location had a Rockfall event where a 20-ton boulder fell upon guiderail.

Year Work

2018 CD

2019

16325 Route 23 and Route 94 Rockfall Mitigation, Hardyston Township

Counties: Sussex

Municipalities: Hardyston Twp

Sponsor: NJDOT

MP: Rt 23: 36.0-36.2; Rt 92: 34.5-34.6

Rockfall mitigation measures are anticipated to include mass excavation, scaling, rock bolting, wire mesh drapes, and rock catch fences.

Year Work

2018 CD

2019

16326 Route 206 Rockfall Mitigation, Andover Township

Counties: Sussex

Municipalities: Andover Twp

Sponsor: NJDOT

MP: 105.5-108.0

Rockfall mitigation measures are anticipated to include mass excavation, scaling, rock bolting, wire mesh drapes, and rock catch fences.

Year Work

2018 CD

2019

16337 Route 206, Bridge over Dry Brook

Counties: Sussex

Municipalities: Branchville Boro

Sponsor: NJDOT

MP: 116.31

Initiated by the Bridge Management System, this project will replace the structurally deficient bridge, built in 1940.

Year Work

2018 CD

2019

16333 Scour Countermeasure Design and Installation

Counties: Sussex Morris

Municipalities: Hardyston Twp Sandyston Twp Mt Olive Twp

Sponsor: NJDOT

Initiated by the Bridge Management System, this project will provide scour countermeasures on three bridges; NJ 23 over Branch Franklin Lake, US 206 over Big Flat Brook, and US 206 over Tributary to Drakes Brook.

Year Work

2018 CD

2019

Union County

Sponsor: NJDOT

17339 Kapkowski Road - North Avenue East Improvement Project

Counties: Union Municipalities: Elizabeth City
Sponsor: NJDOT

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.

Year Work

2018 CD

2019

12311 Route 1&9, Avenue C to Sylvan Street

Counties: Union Municipalities: Linden City
Sponsor: NJDOT MP: 40.01-40.07

This study was initiated due to fixed object crashes at this location. Route 1&9 at the CSAO railroad overpass is frequently hit by heavy vehicle traffic because the posted clearance (13 feet - 6 inches) may be incorrect. The study also focuses on seeking a preferred alternative for pedestrians that must traverse under the overpass from intersections on each side of the bridge.

Year Work

2018 CD

2019 CD

15395 Route 439, Route 28 (Westfield Ave) to Route 27 (Newark Ave)

Counties: Union Municipalities: Elizabeth City Union Twp Hillside Twp
Sponsor: NJDOT MP: 2.0-3.95

Federal Resurfacing/Rehab project.

Year Work

2018 CD

2019

Sponsor: LOCAL

N1409 South Front Street Bridge over the Elizabeth River

Counties: Union Municipalities: Elizabeth City
Sponsor: Union County MP: 0.75

This study will look at alternatives of an existing movable bridge which is currently closed to traffic.

Year Work

2018 LCD

2019

9324A Tremley Point Connector Road

Counties: Union Middlesex

Municipalities: Linden City Carteret Boro

Sponsor: NJTA/Union County

The Tremley Point Connector Road is a new four-lane, predominantly pile-supported, approximately 1.1 mile long roadway/bridge that will cross the Rahway River, featuring two 12-foot lanes in each direction and 3-foot wide right shoulders. The redevelopment of the Tremley Point area of Linden has been the subject of numerous reports and analysis. The local roadway system in Linden is unable to support the increase in truck traffic anticipated by the redevelopment of the Tremley Point Brownfield into more than six million square feet of warehouse and distribution space. The Tremley Point area is located less than 10 miles from Port Elizabeth, Newark and Newark Liberty International Airport. The NJ Turnpike is currently advancing the Environmental Assessment document with the USCG for a Connector Road from Tremley Point in Linden to Industrial Highway in Carteret, which has access to NJ Turnpike Interchange 12.

Year Work

2018 LCD

2019

Warren County

Sponsor: NJDOT

11369 Route 22, Bates Avenue to Route 57

Counties: Warren

Municipalities: Phillipsburg Town Lopatcong Twp

Sponsor: NJDOT

MP: 1.1 - 2.1

Initiated from the Drainage Management System, this project provides for a drainage alternatives study. In 2012 Drainage Management System, this location was ranked 46/232 for flooding and 100/131 for Icing incidents.

Year Work

2018 CD

2019

15442 Route 22, Rockfall Mitigation, Phillipsburg

Counties: Warren

Municipalities: Phillipsburg Town

Sponsor: NJDOT

MP: 0.2-0.6

This section consists of 2 main cut slopes, one of which is located adjacent to the DRJTBC Easton-Phillipsburg toll bridge; there are many large blocks and limited sight distance along the EB curve from the bridge. The other rock cut slope is located along the nearby Rt. 22 WB exit ramp, directly adjacent to a pedestrian sidewalk that is a travel way for students of Phillipsburg High School. There have been several recent reports of Rockfall along this cut and interim action has been recommended. A permanent improvement is required.

Year Work

2018 CD

2019

16347 Route 46, Bridge over Paulins Kill

Counties: Warren

Municipalities: Knowlton Twp

Sponsor: NJDOT

MP: 0.74

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

Year Work

2018 CD

2019

11340A Route 46, Route 80 to Walnut Road

Counties: Warren

Municipalities: Knowlton Twp

Sponsor: NJDOT

MP: 0-1.4

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

Year Work

2018 CD

2019

16345 Route 57, Bridge over Branch Lopatcong Creek

Counties: Warren

Municipalities: Lopatcong Twp

Sponsor: NJDOT

MP: 1.91

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

Year Work

2018 CD

2019

15447 Route 57, Bridge over Shabbacong Creek

Counties: Warren

Municipalities: Washington Boro

Sponsor: NJDOT

MP: 11.120

This study will examine replacing or rehabilitating the structurally deficient and functionally obsolete bridge, built in 1907.

Year **Work**

2018 **CD**

2019

FY 2018 Study and Development

NJ TRANSIT

TN08004 Bus Rapid Transit Planning and Development

Counties: Various Municipalities: Various
Sponsor: NJ Transit

NJT has several active planning projects to address improvements to bus corridors in the state, up to and including traditional Bus Rapid Transit (BRT) concepts. Bus study work anticipated for FY18 includes, but is not limited to the following areas: Route 1, Route 9, Bergen County, Hudson County, Union County, Essex County, Passaic County and Newark. It is expected that follow-up, detailed analysis will also be necessary following the major area wide bus studies now underway.

Year Work

2018 Ongoing Program

TN10002 Central New Jersey Route 1 Bus Rapid Transit

Counties: Middlesex Municipalities: Various
Sponsor: NJ Transit

The proposed BRT system in northern Mercer and southern Middlesex Counties would make use of both existing roads with improvements and new alignments. A 2006 Study examined alignments, BRT technologies, station locations, ridership and potential for coordination with private sector development, municipal plans and cost effectiveness. NJ Transit is examining near term ridership potential for segments of the system to identify and determine the feasibility of potential new services.

Year Work

2018 Continue Project Work

TN08006 County Human Services Transportation (CHST) Coordination Projects Development – Interactive Provider Database and Management Information System

Counties: Various Municipalities: Various
Sponsor: NJ Transit

This is a continuing project planning area that is needed to advance and support the new directions in coordinating the activities of human services transportation services that are governed by the federal requirements for a Coordinated Human Services Transportation Plan (CHSTP) with general public transportation. This includes promoting the use of funding sources including the NJ Job Access and Reverse Commute (NJ-JARC) and the FTA Section 5310 Enhanced Services for Senior Citizens and Individuals with in an integrated fashion with traditional bus and rail services. A variety of activities and projects are already being identified through the county and regional CHSTP including the promotion of first/last mile services being funded through the aforementioned funding sources and the Congestion Mitigation and Air Quality (CMAQ) Shuttle program funded through NJTPA, the promotion of better coordination of human service and traditional transit through the NJ Council on Access and Mobility (NJCAM) Working Group through which state agency representatives, human service transportation providers and NJ TRANSIT meet quarterly to identify opportunities for integrating human service transportation services with traditional transit. It also includes working with regional Transportation Management Associations (TMA) to both manage and promote services that connect with traditional transit.

Year Work

2018 Continue Project Work

TN08001 Greater Newark Area Bus System Study

Counties: Various Municipalities: Various
Sponsor: NJ Transit

This initial study is complete. NJ TRANSIT is building on the findings of the study to advance corridor-specific analysis with the goal of improving existing bus services. These efforts include NJT Route #13, and the Central Avenue corridor (Coach USA routes #24 & 44).

Year Work

2018 Continue Project Work

TN05009 Market Research and Forecasting

Counties: Various

Municipalities: Various

Sponsor: NJ Transit

NJ TRANSIT pursues research and demand forecasting analyses to support project development, FTA Title VI analysis, contingency planning and operations, and also to track customer satisfaction. NJ TRANSIT has developed surveys to fill in the gaps not covered by work in the past, to support its forecasting efforts, project specific analysis, and also to support work for the update of the NJTPA model. Such efforts may include bus, rail and light rail surveys, and travel surveys in support of BRT studies, new transit services, and other initiatives. These surveys will also be used to support NJ TRANSIT demand forecasting updates.

Year Work

2018 Ongoing Program

TN05011 New Start/Concept Development

Counties: Various

Municipalities: Various

Sponsor: NJ Transit

NJ TRANSIT staff are called upon to initiate system planning level work for potential new starts that are state funded or prior to the availability of federal funding.

Year Work

2018 As Required

TN12001 Route 9 Bus Enhancements

Counties: Middlesex

Municipalities: Various

Sponsor: NJT/NJDOT

This program includes a series of projects to improve bus service and parking facilities on the Route 9 Corridor from Middlesex County south into Ocean County. NJ TRANSIT, in concert with NJDOT and NJTPA is currently advancing planning and design work for transit signal priority at key intersections in the corridor, as well as improvements to the northbound ramp connecting Route 9 to the Garden State Parkway which aims to reduce congestion and bus travel times.

Year Work

2018 Continue Project Work

TN05008 Station and Parking Planning

Counties: Various

Municipalities: Various

Sponsor: NJ Transit

NJ TRANSIT maintains an ongoing program focused on station improvement planning, planning for accessibility, transit-friendly land use, and improvements to station access, including shuttle services, bicycles, pedestrians and park/ride development, covering bus, rail and multi-modal facilities. Project work will focus on prioritizing improvements to station infrastructure, working with communities to support transit friendly land-use, and addressing capacity needs for stations and parking.

Year Work

2018 Ongoing Program

TN05010 System-wide Transit Capacity and Infrastructure Planning

Counties: Various

Municipalities: Various

Sponsor: NJ Transit

After several decades of transit improvements since the formation of NJ TRANSIT, the infrastructure inherited from the private bus and rail carriers is now nearing the limits of its capacity. Following WWII through the mid-1980's the mileage of railroad track in NJ was reduced by 50%. Some of the capacity that was lost is projected to be needed in the future plus some rail services have changed to accommodate changing market needs. To accommodate future growth, NJ TRANSIT assesses capacity enhancements for the rail, bus and light rail networks.

Year Work

2018 Ongoing Program

TN16001 Trans-Hudson Planning & Coordination

Counties: Hudson

Municipalities: Various

Sponsor: NJ TRANSIT

NJ TRANSIT will be engaging in various technical analyses to define incremental future trans-Hudson transit system capacity additions in near and long term future. NJ TRANSIT participated on the NEC Future Planning & Tier I EIS and is advancing an EIS for the Hudson Tunnel project. NJ TRANSIT is involved with Amtrak on its evolving plans for preserving current NEC capacity and increasing it in the future. NJ TRANSIT will also continue to coordinate with the Port Authority of NY & NJ in its efforts to both address the future of the Port Authority Bus Terminal and address future trans-Hudson capacity for those services they are most involved with: bus, PATH and ferries.

Year Work

2018 Planning

TN08005 Transit Friendly Planning, Land Use & Development Program

Counties: Various

Municipalities: Various

Sponsor: NJ Transit

NJ TRANSIT's Transit Friendly Planning, Land Use and Development (TPFLUD) program is a national model of commitment by a transit agency to assist in facilitating transit-supportive development in partnership with local stakeholders. The TPFLUD Program works in four categories: Technical Assistance to communities to create TOD plans/projects; Education, Outreach & Engagement; Partnership Building/Leveraging Finds; TOD database to track projects and performance. NJ TRANSIT will continue to support the work of the Together North Jersey consortium to identify sustainable, equitable TOD improvements in the region.

Year Work

2018 Ongoing Program

TN05007 Union County Rapid Transit System

Counties: Union

Municipalities: Various

Sponsor: NJ Transit

The Union County Transitway is a proposed BRT corridor utilizing a dedicated right-of-way converted from a former rail route, extending from Roselle/Roselle Park to Elizabeth, linking the east-west-oriented Raritan Valley corridor with the north-south-oriented Northeast Corridor and Newark Liberty International Airport. The proposed system would utilize modern BRT buses or articulated tram buses with flexibility to operate on the dedicated right-of-way as well as on the local road network. It is envisioned that the system will connect to Newark Airport on its eastern end, Plainfield on the western end and also possibly extending the reach of transit to other areas in proximity to the corridor.

Year Work

2018 Continue Project Work

TN05003 West Trenton Line Initiative

Counties: Somerset

Municipalities: Various

Sponsor: NJ Transit

Commuter rail service operated on the West Trenton Line in Somerset and Mercer Counties until 1982. Since then, there has been considerable residential development and population growth in the corridor, prompting strong interest in pursuing restoration of passenger service in both counties. This interest prompted previous studies by NJ TRANSIT and Somerset County, which analyzed ridership potential, capital and operating costs, and operational issues. The 21.6-mile West Trenton Line is CSX owned and is in active freight use. At its western end in Ewing Township is the West Trenton rail station, owned by NJ TRANSIT and used by SEPTA as a terminal station for its R3 commuter rail service into Philadelphia. At its eastern end, the West Trenton Line crosses the NS owned Lehigh Main Line at a location in Manville, New Jersey known as Port Reading Junction. The proposed West Trenton Line would physically connect to the Raritan Valley Line in Bridgewater and passenger trains would operate to Newark. To advance the consideration of commuter rail service on the West Trenton Line, NJ TRANSIT developed conceptual plans for the operations and facilities for the restoration of passenger rail service. An Environmental Assessment (EA), to identify impacts related to implementation of commuter rail service on the existing right of way, was submitted to FTA in 2008. NJT has committed to updating the rail transit technical information previously developed, including but not limited to, rail operating plans, physical plant requirements, projected ridership, capital and operating costs. Completion of this work is expected early in FY2018.

Year Work

2018 Continue Project Work
