

**FY 2014-2023 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**New Jersey Department of Transportation**

**Meadowlands Adaptive Signal System for Traffic Reduction (MASSTR)**

*DB#: N1101*

The project will incorporate all existing traffic signals within the Meadowlands District into a network of self-adaptive traffic signals to efficiently reduce roadway congestion, delay, travel time, fuel consumptions, and airborne emissions. This will be accomplished through advanced, proven, and cost-effective technology of adaptive signal control. The system will adjust the signal timings based upon the real-time flow of traffic instead of utilizing fixed or actuated timings. Signals along multi-jurisdictional boundaries will be continuously coordinated for optimal operation. Traffic conditions and traffic signal operations will also be monitored and controlled in real-time by a central location. The intersection controls of the proposed system will include preemption for emergency vehicles to allow safe and efficient all-red signal access, as well as priority for mass transit vehicles in order to allow for improved and prioritized treatment along roadway corridors. All system components will utilize state-of-the-art components including wireless vehicle detection devices, wireless communication network, and advanced adaptive traffic signal control software. Inventory of the current signal infrastructure is near completion. Design of the system is currently underway and scheduled for completion in 2009. The system is ready for procurement and phased construction beginning in 2009. There will be \$2 million funded by private developers through the Meadowlands Transportation Planning District (MTPD) and previously collected transportation impact funds.

This project was selected for Transportation Investment Generating Economic Recovery (TIGER 2) grant funding.

14 Municipalities: Carlstadt, East Rutherford, Jersey City, Kearny, Little Ferry, Lyndhurst, Moonachie, North Arlington, North Bergen, Teterboro, Ridgefield, Rutherford, Secaucus, South Hackensack.

Total construction funding needed is expected to be \$6,250,000.

**COUNTY:** Bergen Hudson

**LEGISLATIVE DISTRICT:** Various

**MUNICIPALITY:** Various

**SPONSOR:** New Jersey Meadowlands Commission

**MILEPOST(S):** N/A

**STRUCTURE NO.:** N/A

**FINANCIAL PLAN REQUIREMENT:**

**AIR QUALITY CODE (NON-EXEMPT/EXEMPT):** 2014NM (Non-Exempt)

**ASSET MANAGEMENT CATEGORY:** Local System Support: Local Roadway Improvements

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	EC	DEMO	\$5.000									
NJTPA	EC	OTHER	\$1.250									

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**Route 4, Bridge over Palisade Avenue, Windsor Road and CSX Railroad**

**DB#: 065C / UPC#: 078044**

This is a breakout of the Rt. 4 Corridor Multi-Bridges and Roadway Improvement project. The scope is to replace the existing bridge and improvements to the Rt. 4 roadway within the project limits, including Belle Avenue intersection improvements.

This project is multi-year funded. Total construction funding needed is expected to be \$41,300,000.

**COUNTY:** Bergen

**LEGISLATIVE DISTRICT:** 37

**MUNICIPALITY:** Teaneck Twp

**SPONSOR:** NJDOT

**MILEPOST(S):** 6.80 - 7.20

**STRUCTURE NO.:** 0206169

**FINANCIAL PLAN REQUIREMENT:**

**AIR QUALITY CODE (NON-EXEMPT/EXEMPT):** S19 (Exempt)

**ASSET MANAGEMENT CATEGORY:** Bridge Assets: Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	DES	NHPP		\$2.000								
NJTPA	ROW	NHPP			\$1.500							
NJTPA	CON	STATE					\$20.000	\$21.300				

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**Route 4, Grand Avenue Bridge**

**DB#: 08410 / UPC#: 084100**

This project will replace the deck of structure 0206-179 in order to remove the bridge from the structurally deficient list. The WB 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 termini. A bus shelter will be provided at the existing bus stop, along with ADA-compliant curb ramps and sidewalks. Gaps in existing sidewalk will be eliminated.

Total construction funding needed is expected to be \$15,550,000.

**COUNTY:** Bergen

**LEGISLATIVE DISTRICT:** 37

**MUNICIPALITY:** Englewood City

**SPONSOR:** NJDOT

**MILEPOST(S):** 9.04

**STRUCTURE NO.:** 0206179

**FINANCIAL PLAN REQUIREMENT:**

**AIR QUALITY CODE (NON-EXEMPT/EXEMPT):** S19 (Exempt)

**ASSET MANAGEMENT CATEGORY:** Bridge Assets: Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	PE	NHPP		\$1.000								
NJTPA	DES	NHPP				\$3.000						
NJTPA	ROW	STATE					\$1.000					
NJTPA	CON	NHPP							\$15.550			

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**Route 4, Hackensack River Bridge**

**DB#: 02346 / UPC#: 023460**

Bridge rehabilitation / replacement study for Route 4 over Hackensack River at M.P. 5.94 (Structure # 0206-166); Hackensack City and Teaneck Township, Bergen County.

This project is multi-year funded. Total construction funding needed is expected to be \$33,000,000.

**COUNTY:** Bergen

**LEGISLATIVE DISTRICT:** 37

**MUNICIPALITY:** Hackensack City Teaneck Twp

**SPONSOR:** NJDOT

**MILEPOST(S):** 5.70 - 6.10

**STRUCTURE NO.:** 0206166

**FINANCIAL PLAN REQUIREMENT:**

**AIR QUALITY CODE (NON-EXEMPT/EXEMPT):** S19 (Exempt)

**ASSET MANAGEMENT CATEGORY:** Bridge Assets: Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	PE	NHPP		\$1.500								
NJTPA	DES	NHPP				\$3.000						
NJTPA	ROW	STATE					\$2.000					
NJTPA	CON	NHPP							\$17.000	\$16.000		

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**Route 4, Jones Road Bridge**

**DB#: 94064 / UPC#: 950194**

This project will provide for the proposed bridge rehabilitation or replacement (Structure No. 0206182) which was identified by the Bridge Management System. The overall condition of the structure is critical due to the low inventory ratings. Additional problems stem from the condition of the deck and substructure, and the inadequate bridge roadway width and vertical/lateral under clearances.

Total construction funding needed is expected to be \$7,500,000.

**COUNTY:** Bergen

**LEGISLATIVE DISTRICT:** 37

**MUNICIPALITY:** Englewood City

**SPONSOR:** NJDOT

**MILEPOST(S):** 9.65

**STRUCTURE NO.:** 0206182

**FINANCIAL PLAN REQUIREMENT:**

**AIR QUALITY CODE (NON-EXEMPT/EXEMPT):** S19 (Exempt)

**ASSET MANAGEMENT CATEGORY:** Bridge Assets: Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	DES	NHPP		\$1.800								
NJTPA	ROW	NHPP			\$0.500							
NJTPA	CON	NHPP					\$7.500					

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**Route 4, Teaneck Road Bridge**

**DB#: 93134 / UPC#: 950198**

This study will investigate the proposed replacement of the existing deficient structure that was identified as a need from the Bridge Management System. Operational and Safety Improvements to Route 4 within the project limits.

Total construction funding needed is expected to be \$14,640,000.

**COUNTY:** Bergen

**LEGISLATIVE DISTRICT:** 37

**MUNICIPALITY:** Teaneck Twp

**SPONSOR:** NJDOT

**MILEPOST(S):** 7.61 - 7.64

**STRUCTURE NO.:** 0206173

**FINANCIAL PLAN REQUIREMENT:**

**AIR QUALITY CODE (NON-EXEMPT/EXEMPT):** S19 (Exempt)

**ASSET MANAGEMENT CATEGORY:** Bridge Assets: Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	PE	NHPP		\$0.700								
NJTPA	DES	NHPP				\$1.000						
NJTPA	ROW	STATE					\$0.500					
NJTPA	CON	NHPP							\$14.640			

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

**DB#: 11406 / UPC#: 114060**

The Route 9W Assessment for Bicycle and Pedestrian Needs identified safety deficiencies in terms of the ability of the roadway to accommodate bicycle traffic and pedestrian crossings at NJ Transit bus stops. Bicycle and pedestrian compatibility signing, striping, and drainage grate improvements are expected to address these deficiencies with the intention to be implemented by maintenance engineering.

Total construction funding needed is expected to be \$1,700,000.

**COUNTY:** Bergen

**LEGISLATIVE DISTRICT:** 37

**MUNICIPALITY:** Englewood Cliffs Boro Alpine Boro

**SPONSOR:** NJDOT

**MILEPOST(S):** 2.19 - 11.17

**STRUCTURE NO.:** N/A

**FINANCIAL PLAN REQUIREMENT:**

**AIR QUALITY CODE (NON-EXEMPT/EXEMPT):** AQ2 (Exempt)

**ASSET MANAGEMENT CATEGORY:** Multimodal Programs: Bicycle/Pedestrian

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	ROW	CMAQ			\$0.200							
NJTPA	CON	CMAQ					\$1.700					

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**Route 17, Airmount Ave. to I-287, Pavement**

*DB#: 11333 / UPC#: 113330*

Initiated from the Pavement Management System, this project will resurface various locations of the northbound direction and various locations of the southbound direction within the project limits.

Total construction funding needed is expected to be \$8,800,000.

**COUNTY:** Bergen

**LEGISLATIVE DISTRICT:** 39

**MUNICIPALITY:** Mahwah Twp Ramsey Boro

**SPONSOR:** NJDOT

**MILEPOST(S):** NB MP 23.4 -26.5; SB MP 23.1-26.5

**STRUCTURE NO.:** N/A

**FINANCIAL PLAN REQUIREMENT:**

**AIR QUALITY CODE (NON-EXEMPT/EXEMPT):** S10 (Exempt)

**ASSET MANAGEMENT CATEGORY:** Road Assets: Highway Resurfacing

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	CON	NHPP	\$8.800									



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**Route 17, Central Avenue Bridge, Rochelle Park**

**DB#: 94056 / UPC#: 950236**

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.

Total construction funding needed is expected to be \$6,000,000.

**COUNTY:** Bergen

**LEGISLATIVE DISTRICT:** 38

**MUNICIPALITY:** Rochelle Park Twp

**SPONSOR:** NJDOT

**MILEPOST(S):** 10.90

**STRUCTURE NO.:** 0214159

**FINANCIAL PLAN REQUIREMENT:**

**AIR QUALITY CODE (NON-EXEMPT/EXEMPT):** S19 (Exempt)

**ASSET MANAGEMENT CATEGORY:** Bridge Assets: Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	DES	NHPP			\$1.000							
NJTPA	ROW	NHPP				\$0.500						
NJTPA	CON	NHPP						\$6.000				

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**Route 17, NYS&W Bridge**

**DB#: 94057 / UPC#: 950242**

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.

Total construction funding needed is expected to be \$13,000,000. The following special federal appropriation has been allocated for this project \$1,153,237 (NJ059).

**COUNTY:** Bergen

**LEGISLATIVE DISTRICT:** 38

**MUNICIPALITY:** Rochelle Park Twp

**SPONSOR:** NJDOT

**MILEPOST(S):** 10.90

**STRUCTURE NO.:** 0214157

**FINANCIAL PLAN REQUIREMENT:**

**AIR QUALITY CODE (NON-EXEMPT/EXEMPT):** S19 (Exempt)

**ASSET MANAGEMENT CATEGORY:** Bridge Assets: Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	DES	NHPP			\$1.000							
NJTPA	ROW	NHPP				\$0.500						
NJTPA	CON	NHPP						\$13.000				

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**Route 46, Main Street to Vicinity of Frederick Place, Safety Improvements**

**DB#: 93287A / UPC#: 058057**

Operational and drainage improvements include median widening (11 ft. wide left turn lane and 1 ft. wide painted shoulder), the existing two lanes of traffic on Rt. 46 will be maintained, the intersection with Phillips Ave. will be redesigned to improve traffic flow, the intersection with Liberty St. will be redesigned to accommodate truck turns and to add new signal phasing to the existing signal and the intersection with Grand St. will be redesigned to incorporate left turn lanes on to Rt. 46.

Total construction funding needed is expected to be \$10,130,000.

**COUNTY:** Bergen

**LEGISLATIVE DISTRICT:** 36

**MUNICIPALITY:** South Hackensack Twp Little Ferry Boro

**SPONSOR:** NJDOT

**MILEPOST(S):** 69.18 - 69.80

**STRUCTURE NO.:** N/A

**FINANCIAL PLAN REQUIREMENT:**

**AIR QUALITY CODE (NON-EXEMPT/EXEMPT):** S6 (Exempt)

**ASSET MANAGEMENT CATEGORY:** Safety Management: Safety Improvements

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	CON	NHPP	\$10.130									

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**Route 80, WB, Pavement, Bergen & Passaic Counties**

**DB#: 11415 / UPC#: 114150**

Initiated from the Pavement Management System, this project will reconstruct approximately 7.6 miles of I-80 Westbound pavement 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).

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.

This project is multi-year funded. Total construction funding needed is expected to be \$51,500,000.

**COUNTY:** Passaic Bergen

**LEGISLATIVE DISTRICT:** 35 37 38 40

**MUNICIPALITY:** Various

**SPONSOR:** NJDOT

**MILEPOST(S):** 56.43 - 65.4

**STRUCTURE NO.:** Various

**FINANCIAL PLAN REQUIREMENT:**

**AIR QUALITY CODE (NON-EXEMPT/EXEMPT):** S10 (Exempt)

**ASSET MANAGEMENT CATEGORY:** Road Assets: Highway Rehab and Recon

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	CON	NHPP					\$25.000	\$26.500				

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**Route 208, Bergen County Drainage Improvements**

**DB#: 11381 / UPC#: 113810**

There are drainage problems in 3 locations along this section of Rt. 208. There has been 100 flooding incidents over the past 4 years. These 3 locations have high AADT's and are Ranked #5, #11 and #37 in the Drainage Management System.

Total construction funding needed is expected to be \$5,700,000.

**COUNTY:** Bergen

**LEGISLATIVE DISTRICT:** 40

**MUNICIPALITY:** Wyckoff Twp Franklin Lakes Boro

**SPONSOR:** NJDOT

**MILEPOST(S):** 5.3 - 8.5

**STRUCTURE NO.:** N/A

**FINANCIAL PLAN REQUIREMENT:**

**AIR QUALITY CODE (NON-EXEMPT/EXEMPT):** S4 (Exempt)

**ASSET MANAGEMENT CATEGORY:** Road Assets: Drainage

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	PE	NHPP			\$0.600							
NJTPA	DES	NHPP					\$1.000					
NJTPA	ROW	STATE						\$0.100				
NJTPA	CON	NHPP								\$5.700		

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**Route 208, Wyckoff Twp., Bergen Co., Culvert Replacement**

**DB#: 11355 / UPC#: 113550**

The NJ Route 208 over Culvert (Structure No. 0233-155) along an unnamed tributary is located at milepost 6.31 in Wyckoff Township. The existing culvert is considered a structurally deficient and hydraulically inadequate structure. This project was initiated as part of NJDOT's culvert replacement program. The existing culvert is a 65" x 40" elliptical corrugated metal pipe (CMP) approximately 132 linear feet in length and was constructed in 1950. Field inspection indicates that the culvert has been concrete lined over the deteriorated bottom of the pipe. According to a structural inspection performed in 2009, the culvert was identified as requiring rehabilitation or replacement.

Total construction funding needed is expected to be \$2,100,000.

**COUNTY:** Bergen

**LEGISLATIVE DISTRICT:** 40

**MUNICIPALITY:** Wyckoff Twp

**SPONSOR:** NJDOT

**MILEPOST(S):** 6.3 - 6.4

**STRUCTURE NO.:** 0233155

**FINANCIAL PLAN REQUIREMENT:**

**AIR QUALITY CODE (NON-EXEMPT/EXEMPT):** S4 (Exempt)

**ASSET MANAGEMENT CATEGORY:** Bridge Assets: Culverts

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	CON	NHPP					\$2.100					

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**Route 287, Glaser's Pond, Long-term Drainage Improvements**

**DB#: 02399 / UPC#: 023990**

NJDOT constructed a new outfall into the private pond for the I-287 drainage system. During the construction of I-287, runoff and sediment were conveyed by the drainage system into the pond. The property owners have stated that the pipe system conveys sediment and garbage to the pond and results in the flooding of private property. A study for a long-term solution to this problem as well as other drainage issues in this vicinity will be required. Not ranked in Drainage Management System.

Total construction funding needed is expected to be \$910,000.

**COUNTY:** Bergen

**LEGISLATIVE DISTRICT:** 40

**MUNICIPALITY:** Franklin Lakes Boro

**SPONSOR:** NJDOT

**MILEPOST(S):** 67.00 - 68.00

**STRUCTURE NO.:** N/A

**FINANCIAL PLAN REQUIREMENT:**

**AIR QUALITY CODE (NON-EXEMPT/EXEMPT):** S4 (Exempt)

**ASSET MANAGEMENT CATEGORY:** Road Assets: Environmental Remediation

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	CON	STATE	\$0.910									