

**FY 2014 TRANSPORTATION CAPITAL PROGRAM
New Jersey Department of Transportation Projects**

<i>Program/Project Name</i>	<i>Item # 30</i>	<i>Project ID Number: N1101</i>
Meadowlands Adaptive Signal System for Traffic Reduction (MASSTR)		

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.

COUNTY: Bergen Hudson

MUNICIPALITY: Various

MILEPOSTS: N/A

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: Various

SPONSOR: New Jersey Meadowlands Commission

CIS PROGRAM CATEGORY: Local System Support

CORE MISSION: Local Aid (20)

MPO	Phase	Fund	Amount
NJTPA	EC	DEMO	\$5,000,000
NJTPA	EC	OTHER	\$1,250,000

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<i>Program/Project Name</i>	<i>Item # 84</i>	<i>Project ID Number: 11333</i>
Route 17, Airmount Ave. to I-287, Pavement		

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.

COUNTY: Bergen

MUNICIPALITY: Mahwah Twp Ramsey Boro

MILEPOSTS: NB MP 23.4 -26.5; SB MP 23.1-26.5

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 39

SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Road Assets

CORE MISSION: State of Good Repair and Safety (10)

MPO	Phase	Fund	Amount
NJTPA	CON	NHPP	\$8,800,000

<i>Program/Project Name</i>	<i>Item # 113</i>	<i>Project ID Number: 93287A</i>
Route 46, Main Street to Vicinity of Frederick Place, Safety Improvements		

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.

COUNTY: Bergen

MUNICIPALITY: South Hackensack Twp Little Ferry Boro

MILEPOSTS: 69.18 - 69.80

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 36

SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Safety Management

CORE MISSION: State of Good Repair and Safety (10)

MPO	Phase	Fund	Amount
NJTPA	CON	NHPP	\$10,130,000

**FY 2014 TRANSPORTATION CAPITAL PROGRAM
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<i>Program/Project Name</i>	<i>Item # 231</i>	<i>Project ID Number: 02399</i>
Route 287, Glaser's Pond, Long-term Drainage Improvements		

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.

COUNTY: Bergen

MUNICIPALITY: Franklin Lakes Boro

MILEPOSTS: 67.00 - 68.00

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 40

SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Road Assets

CORE MISSION: State of Good Repair and Safety (10)

MPO	Phase	Fund	Amount
NJTPA	CON	STATE	\$910,000