

**FY 2012 TRANSPORTATION CAPITAL PROGRAM
New Jersey Department of Transportation Projects**

<i>PROGRAM/PROJECT NAME</i>	<i>Item # 73</i>	<i>Project ID Number</i>
Lehigh Rail Line Separation		08445

This earmark provides for the separation of the intersection of 13th Street and the Lehigh Rail Line through a bridge or tunnel in Manville, Somerset County.

The following special federal appropriation was allocated to this project: FY05 SAFETEA LU/HPP \$844,000. Bill line #3065 (ID # NJ 219).

COUNTY: Somerset

MUNICIPALITY: Manville Boro

MILEPOSTS:

STRUCTURE NO.:

LEGISLATIVE DISTRICT: 16

SPONSOR: Manville Twp.

CIS PROGRAM CATEGORY: Local System Support

CORE MISSION: Local Aid (20)

MPO	Phase	Fund	Amount
NJTPA	ERC	HPP20	\$759,515

<i>PROGRAM/PROJECT NAME</i>	<i>Item # 96</i>	<i>Project ID Number</i>
North Plainfield Downtown Streetscape and Pedestrian Improvements (Final Phase)		N1125

Downtown Streetscape and Pedestrian Improvements (Final Phase), Borough of North Plainfield.

This project is included in order to comply with federal legislation. This project is funded through the following special appropriations: FY 10 Appropriations Act \$300,000 (ID# NJ295).

COUNTY: Somerset

MUNICIPALITY: North Plainfield Boro.

MILEPOSTS: N/A

STRUCTURE NO.:

LEGISLATIVE DISTRICT: 22

SPONSOR: To be determined

CIS PROGRAM CATEGORY: Multimodal Programs

CORE MISSION: Transportation Services (40)

MPO	Phase	Fund	Amount
NJTPA	ERC	DEMO	\$300,000

**FY 2012 TRANSPORTATION CAPITAL PROGRAM
New Jersey Department of Transportation Projects**

<i>PROGRAM/PROJECT NAME</i>	<i>Item # 104</i>	<i>Project ID Number</i>
Port Reading Junction		06318B

The Port Reading Junction project will create a double-track rail connection between the CSX Railroad's West Trenton Line, The Norfolk Southern Railroad's Lehigh Valley Line and Conrail's Port Reading Secondary Line in the vicinity of Manville, New Jersey. Presently these lines come together in Manville in an area of single track operation. When a train from any one of these three lines occupies that single track section, movements on the other two lines are frozen until the single track segment is cleared. This project will install new track on both the Lehigh Valley and West Trenton lines, along with associated switches and rail crossovers between these tracks, creating a double-track connection which will allow two trains to operate on this section of railroad simultaneously, eliminating the delays caused by the current single track operation. This rail junction is a critical component of the State's rail system for all three railroads and handles an average of 56 trains per day originating and terminating at Port Newark/Elizabeth and merchandise trains destined for markets in the southeast and midwest. It is currently operating at or near capacity. This connection is projected to handle up to 75 trains per day by 2025.

This project is also funded through a special appropriation, FY 06 SAFETEA-LU, NRS-1301, Liberty Corridor, \$5,000,000.

COUNTY: Somerset

MUNICIPALITY: Manville Boro

MILEPOSTS: N/A

STRUCTURE NO.:

LEGISLATIVE DISTRICT: 31

SPONSOR: Conrail

CIS PROGRAM CATEGORY: Multimodal Programs

CORE MISSION: Transportation Services (40)

MPO	Phase	Fund	Amount
NJTPA	CON	HPP10	\$2,095,000

**FY 2012 TRANSPORTATION CAPITAL PROGRAM
New Jersey Department of Transportation Projects**

<i>PROGRAM/PROJECT NAME</i>	<i>Item # 189</i>	<i>Project ID Number</i>
Route 22, ITS Closed Loop System Extension, Somerset County		11312

This project completes the design and construction of the Rt. 22 closed-loop system by controlling five (5) additional intersections (Vosseller Ave., Harding Rd., Glenside Ave., U-Turn [MP 49.47] and New Providence Rd.) with Rt. 22. This project also includes the installation of two (2) Closed Circuit Television (CCTV) Cameras, two (2) Dynamic Message Signs (DMS), eight (8) TRANSMITTERS, 5,000 LF of fiber optic conduit from West of Thompson Ave. to I-287 & 2,000 LF of fiber optic conduit from Blue Star Dr. to Park Ave.

COUNTY: Somerset Union

MUNICIPALITY: Bridgewater Twp. Scotch Plains Twp Mountainside Boro.

MILEPOSTS: 36.45 - 37.44

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 16 21 22 SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Congestion Relief

CORE MISSION: Transportation Services (40)

MPO	Phase	Fund	Amount
NJTPA	CON	CMAQ	\$2,764,000

**FY 2012 TRANSPORTATION CAPITAL PROGRAM
New Jersey Department of Transportation Projects**

<i>PROGRAM/PROJECT NAME</i>	<i>Item # 190</i>	<i>Project ID Number</i>
Route 22, ITS Closed Loop System, Somerset County		03317E

The Rt. 22 Transit Enhancement Plan identified a variety of "community-based" multi-modal improvements to enhance travel options for the surrounding communities. This Intelligent Transportation System (ITS) project includes the design and construction of a closed-loop traffic system to control the 13 intersections along the Rt. 22 corridor. This project also includes the installation of four Closed Circuit Television (CCTV) cameras. The project will link all the traffic signals in the corridor and operate them as a system to move traffic more efficiently.

COUNTY: Somerset

MUNICIPALITY: Green Brook Twp. North Plainfield Boro Watchung Boro

MILEPOSTS: 40.04 - 46.98

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 22 21 SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Congestion Relief

CORE MISSION: Transportation Services (40)

MPO	Phase	Fund	Amount
NJTPA	CON	CMAQ	\$2,342,000

**FY 2012 TRANSPORTATION CAPITAL PROGRAM
New Jersey Department of Transportation Projects**

<i>PROGRAM/PROJECT NAME</i>	<i>Item # 191</i>	<i>Project ID Number</i>
Route 22, Sustainable Corridor Long-term Improvements		03318

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)

COUNTY: Somerset

MUNICIPALITY: Bridgewater Twp.

MILEPOSTS: 33.88 - 37.14

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 16

SPONSOR: Somerset County

CIS PROGRAM CATEGORY: Congestion Relief

CORE MISSION: Transportation Services (40)

MPO	Phase	Fund	Amount
NJTPA	LFA	DEMO	\$1,307,000

**FY 2012 TRANSPORTATION CAPITAL PROGRAM
New Jersey Department of Transportation Projects**

<i>PROGRAM/PROJECT NAME</i>	<i>Item # 192, 192A</i>	<i>Project ID Number</i>
Route 22, Sustainable Corridor Short-term Improvements		03319

Short-term improvements between Rt. 202/206 and Chimney Rock Road will be addressed. Improvements will be designed to improve safety as well as to eliminate bottlenecks at various locations within this area. Project will also add Closed Circuit Television (CCTV) at the Rt. 22/28 intersection, as well as four Variable Message System (VMS) signs.

The following special federal appropriations have been allocated to this project: 1) FY 2005/Section 117/H66 \$3,000,000 (ID# NJ 109); 2) FY06 SAFETEA-LU/HPP \$3,000,000 (ID# NJ 227) and \$2,400,000 (ID# NJ 166) (available 20% per year); 3) FY 06 appropriation \$1,000,000 (ID# NJ 284); 4) FY 08 Omnibus Appropriations Bill, \$4,000,000, ID# NJ 288. (See also DB 03318).

COUNTY: Somerset

MUNICIPALITY: Bridgewater Twp.

MILEPOSTS: 33.88 - 37.14

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 16

SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Congestion Relief

CORE MISSION: Transportation Services (40)

MPO	Phase	Fund	Amount
NJTPA	CON	DEMO	\$3,052,000
NJTPA	CON	HPP20	\$4,925,000

**FY 2012 TRANSPORTATION CAPITAL PROGRAM
New Jersey Department of Transportation Projects**

<i>PROGRAM/PROJECT NAME</i>	<i>Item # 193</i>	<i>Project ID Number</i>
Route 22, Traffic Signal Improvements/Signal Coordination, Somerset County		03317A

The Rt. 22 Transit Enhancement Plan identified a variety of "community-based" multi-modal improvements to enhance travel options for the surrounding communities. One of the recommendations is to upgrade the traffic signal system along Rt. 22 to link all of the signals in the corridor and operate as a system that moves traffic through the corridor from the western boundary of Green Brook to the eastern boundary of Watchung. Additional studies need to be performed to determine if upgrades to intersection approaches and traffic signals are warranted to improve pedestrian facilities.

COUNTY: Somerset
MUNICIPALITY: Green Brook Twp. North Plainfield Boro Watchung Boro
MILEPOSTS: 40.04 - 46.98
STRUCTURE NO.: N/A
LEGISLATIVE DISTRICT: 22 21 SPONSOR: NJDOT
CIS PROGRAM CATEGORY: Congestion Relief
CORE MISSION: Transportation Services (40)

MPO	Phase	Fund	Amount
NJTPA	CON	CMAQ	\$4,187,000

<i>PROGRAM/PROJECT NAME</i>	<i>Item # 198</i>	<i>Project ID Number</i>
Route 27, Six Mile Run Bridge (3E)		146

The existing structure will be replaced on the same alignment. The existing structure has two 11-foot travel lanes and shoulders of varying width. The new structure will have two 12-foot travel lanes and 10-foot shoulders, along with a sidewalk on the western side of the structure.

COUNTY: Middlesex Somerset
MUNICIPALITY: North Brunswick Twp. Franklin Twp.
MILEPOSTS: 11.45 - 11.65
STRUCTURE NO.: 1216158
LEGISLATIVE DISTRICT: 17 SPONSOR: NJDOT
CIS PROGRAM CATEGORY: Bridge Assets
CORE MISSION: State of Good Repair and Safety (10)

MPO	Phase	Fund	Amount
NJTPA	CON	BRIDGE	\$5,620,000

**FY 2012 TRANSPORTATION CAPITAL PROGRAM
New Jersey Department of Transportation Projects**

PROGRAM/PROJECT NAME	Item # 337	Project ID Number
Route 28, Middle Brook to Jefferson Avenue, Resurfacing		11392

This is a mill and pave resurfacing project in Middlesex & Somerset Counties.

COUNTY: Somerset Middlesex
MUNICIPALITY: Bound Brook Boro. Middlesex Boro. Dunellen Boro.
MILEPOSTS: 7.5 - 12.4
STRUCTURE NO.: N/A
LEGISLATIVE DISTRICT: 16 22 SPONSOR: NJDOT
CIS PROGRAM CATEGORY: Road Assets
CORE MISSION: State of Good Repair and Safety (10)

MPO	Phase	Fund	Amount
NJTPA	CON	STATE	\$5,310,000

PROGRAM/PROJECT NAME	Item # 250	Project ID Number
Route 206, Southbound Merge Improvements with I- 287 Ramp		02372A

This project will construct an acceleration lane for Route 202/206 southbound at its merge with the exit ramp from I-287 southbound. The proposed acceleration lane would be approximately 550 feet in length with a 720-foot taper. It would require widening into the grass median along Route 202/206 southbound along with minor curb and drainage modifications. Advance signing is also proposed along I-287 southbound and Route 202/206 southbound at decision points prior to the merge with the intent of directing motorists with destinations along and off of Commons Way to use I-287 southbound so as to avoid the existing down weave movement from Route 202/206 southbound to Commons Way.

COUNTY: Somerset
MUNICIPALITY: Bridgewater Twp.
MILEPOSTS: 24.14
STRUCTURE NO.: N/A
LEGISLATIVE DISTRICT: 16 SPONSOR: NJDOT
CIS PROGRAM CATEGORY: Congestion Relief
CORE MISSION: Transportation Services (40)

MPO	Phase	Fund	Amount
NJTPA	PE	NHS	\$200,000

**FY 2012 TRANSPORTATION CAPITAL PROGRAM
New Jersey Department of Transportation Projects**

<i>PROGRAM/PROJECT NAME</i>	<i>Item # 340</i>	<i>Project ID Number</i>
Route 206 Bypass, Mountain View Road to Old Somerville Road (Sections 14A & 15A)		779

This project will provide for the construction of a segment of Rt. 206 on new alignment, bypassing a segment of existing highway that has serious congestion and safety problems. The new segment of roadway will consist of four 12-foot travel lanes, two 10-foot outside shoulders, two five-foot inside shoulders, a concrete median barrier and two 15-foot outside borders between Amwell Road (CR 514) and Old Somerville Road. Between Amwell Road (CR 514) and Mountain View Road, the new segment of roadway will consist of two 12-foot travel lanes, two 10-foot outside shoulders, two three-foot inside shoulders, a 15-foot grass median and two 15-foot outside borders.

Advance utility work will be performed on the Texas Eastern pipeline, Buckeye pipeline and AT&T facilities.

This project is multi-year funded under the provisions of Section 13 of P.L. 1995, c.108. Total construction funding needed is expected to be \$53,400,000.

COUNTY: Somerset

MUNICIPALITY: Hillsborough Twp.

MILEPOSTS: 63.40 - 66.40

STRUCTURE NO.: 1810164

LEGISLATIVE DISTRICT: 16

SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Congestion Relief

CORE MISSION: Transportation Services (40)

MPO	Phase	Fund	Amount
NJTPA	DES	STATE	\$2,000,000

**FY 2012 TRANSPORTATION CAPITAL PROGRAM
New Jersey Department of Transportation Projects**

<i>PROGRAM/PROJECT NAME</i>	<i>Item # 256</i>	<i>Project ID Number</i>
Route 287/78, I-287/202/206 Interchange Improvements		04389

This project involves interstate interchange improvements at the I-78 and I-287 Interchange and at the Ramps from I-287 to the Rt. 202/206 interchange. The I-78 EB to I-287 NB Ramp will be shifted from a left-lane entrance onto I-287 NB to a right-lane entrance onto I-287 NB. This modification will eliminate the five-lane weave required for vehicles traveling on I-78 EB who use I-287 NB to access Rt. 202/206 (Pluckemin).

COUNTY: Somerset

MUNICIPALITY: Bedminster Twp. Bridgewater Twp.

MILEPOSTS: Rt. 287: 20.9-22.4

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 16

SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Safety Management

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

MPO	Phase	Fund	Amount
NJTPA	DES	I-MAINT	\$2,500,000