PROGRAM/PROJECT NAME

ITEM # 11

Project ID Number

Bordentown Avenue/Ernston Road, Intersection Improvements, CR 615, 673

NS9705

This project includes improvements to the intersection of Bordentown Avenue and Ernston Road and the replacement of an existing Conrail bridge over Ernston Road. This intersection suffers from operational deficiencies due to the insufficient opening of the railroad bridge and substandard turning radii. Project limits include Locust and Villanova Drive along Ernston Road and Haven Terrace and Princeton Drive along Bordentown Avenue.

COUNTY: Middlesex

MUNICIPALITY: Sayreville Boro Old Bridge Twp.

MILEPOSTS: 21.77 - 22.03 STRUCTURE NO.: RR over Hwy.

LEGISLATIVE DISTRICT: 19 13 SPONSOR: Middlesex County

CIS PROGRAM CATEGORY: Local System Support

МРО	Phase	Fund	Amount
NJTPA	CON	STP-NJ	\$8,706,000

PROGRAM/PROJECT NAME ITEM # 21 Project ID Number
Carteret Ferry Service Terminal 06316

This project will provide for the construction of a ferry terminal.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108. This is a multiyear funded design/right of way/construction project. Total funding needed for design/right of way/construction is anticipated to be \$1,680,000.

The following special Federal appropriation was allocated to this project: FY 2005 SAFETEA-LU, Section 2871 \$1,680,000 (available 20% per year) (ID #NJ 215).

COUNTY: Middlesex

MUNICIPALITY: Carteret Boro

MILEPOSTS: N/A STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 19 SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Multimodal Programs

МРО	Phase	Fund	Amount
NJTPA	ERC	HPP20	\$1,010,478

PROGRAM/PROJECT NAME ITEM # 22 Project ID Number

Carteret Industrial Road 98547

This project will address upgrades to the existing Carteret Industrial Road into Woodbridge Township.

The following special Federal appropriations were allocated to this project. TEA-21/Q92 \$3,075,299 (ID #NJ 038).

COUNTY: Middlesex

MUNICIPALITY: Carteret Boro

MILEPOSTS: N/A STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 19 SPONSOR: Local Lead

CIS PROGRAM CATEGORY: Local System Support

MPO	Phase	Fund	Amount
NJTPA	ERC	DEMO	\$2,075,299

#### PROGRAM/PROJECT NAME

ITEM # 23

Project ID Number

### Carteret, International Trade and Logistics Center Roadway Improvements

06344

The FY 2005 Federal earmarks have provided funding to provide access to a planned warehouse facility in the vicinity of Exit 12 of the NJ Turnpike. This project will need to be coordinated with a planned NJ Turnpike project to construct a Linden-Carteret Connector.

The following special Federal appropriations were allocated to this project. SAFETEA-LU FY 2005 High Priority \$1,000,000, available 20% per year (ID NJ 257); The FY 2005 High Priority also provided \$1,200,000, available 20% per year (ID NJ 199).

COUNTY: Middlesex

MUNICIPALITY: Carteret Boro

MILEPOSTS: N/A STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 19 SPONSOR: Carteret Boro

CIS PROGRAM CATEGORY: Local System Support

МРО	Phase	Fund	Amount
NJTPA	ERC	HPP20	\$2,083,225

PROGRAM/PROJECT NAME ITEM # 266 Project ID Number

Main Street Bypass, Sayreville 06393

Funding is provided for completion of the construction of the Main Street Bypass Road, which will serve as the new primary East/West collector road in the Borough of Sayreville. The project has a multi-year funding agreement. Total NJDOT commitment to this project is \$10.0 million.

COUNTY: Middlesex

MUNICIPALITY: Sayreville Boro

MILEPOSTS: N/A STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 19 SPONSOR: Sayreville Boro

CIS PROGRAM CATEGORY: Local System Support

МРО	Phase	Fund	Amount
NJTPA	ERC	STATE	\$2,000,000

PROGRAM/PROJECT NAME

ITEM # 123

Project ID Number

Schalks Station Road Bridge, CR 683

00321

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

COUNTY: Middlesex

MUNICIPALITY: Plainsboro Twp.

MILEPOSTS: 0.70

STRUCTURE NO.: 1249161

LEGISLATIVE DISTRICT: 14 SPONSOR: NJDOT

МРО	Phase	Fund	Amount
NJTPA	DES	STP-NJ	\$800,000

PROGRAM/PROJECT NAME ITEM # 150 Project ID Number

Tremley Point Access Local Roadway Improvements 9324A

The Tremley Point Connector Road is a new four-lane, predominantly pile-supported, approximately 1.1 mile long roadway/bridge 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 NJ Turnpike Interchange 12 to Tremley Point. This project is also funded through a special appropriation, FY06 SAFETEA-LU, NRS-1301, Liberty Corridor, \$10,000,000, (\$9,189,390 available), and will be used for environmental mitigation.

COUNTY: Union Middlesex

MUNICIPALITY: Linden City Carteret Boro

MILEPOSTS: N/A STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 22 19 SPONSOR: Union County

CIS PROGRAM CATEGORY: Local System Support

МРО	Phase	Fund	Amount
NJTPA	ERC	HPP10	\$9,189,390
NJTPA	ERC	OTHER	\$29,200,000

PROGRAM/PROJECT NAME

ITEM # 296

Project ID Number

Route 1, Heathcote Brook Bridge

08357

Emergency repair to pavement was required in October 2007 due to settlement of bridge substructure. Inspection and temporary repairs were done to stabilize the condition and restore pavement and deck elevations. The project will replace the culvert on an emergency basis due to uncertainty of the durability of the temporary repairs to withstand further scour from significant storm events.

COUNTY: Middlesex

MUNICIPALITY: South Brunswick Twp.

MILEPOSTS: 15.29

STRUCTURE NO.: 1201152

LEGISLATIVE DISTRICT: 14 SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Bridge Assets

МРО	Phase	Fund	Amount
NJTPA	CON	STATE	\$4,000,000

PROGRAM/PROJECT NAME

ITEM # 158

Project ID Number

Route 1, Middlesex County Corridor Study

93146

A Smart Growth Study is underway by Planning to identify a strategy for Rt. 1. The section of Rte. 1 through South Brunswick is only 4 lanes whereas the sections to the north and south of this section are 6 lanes. This causes a bottleneck effect and congestion.

The following special Federal appropriations were allocated to this project. FY06 SAFETEA-LU, \$2,500,000 (available 20% per year, ID# NJ266); \$3,500,000 (available 20% per year, ID# NJ251) and \$800,000 (available 20% per year, ID# NJ151).

COUNTY: Middlesex

MUNICIPALITY: South Brunswick Twp. North Brunswick Twp.

MILEPOSTS: 13.93 - 22.5

STRUCTURE NO.:

LEGISLATIVE DISTRICT: 14 17 SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Capital Program Delivery

МРО	Phase	Fund	Amount
NJTPA	CD	HPP20	\$2,000,000

PROGRAM/PROJECT NAME ITEM # 297, 297A Project ID Number

Route 1, Millstone River, Bridge Replacement 031A

This project is part of the Route 1, Penns Neck Improvements and will replace the bridge over the Millstone River as an independent project. The Millstone River bridge was constructed in 1928 and rehabilitated in 1959. The existing three-span bridge is 104 feet long and 76 feet wide. The structure is in poor condition. The bridge carries six travel lanes of Route 1 with no shoulders or sidewalks on either side. The existing bridge also carries gas, water, telephone and fiber optic utilities. The new structure will be two spans, 110 feet long and 126 feet wide and will accommodate six travel lanes with full shoulders/auxiliary lanes for bicycles and two sidewalks for pedestrians.

COUNTY: Mercer Middlesex

MUNICIPALITY: West Windsor Twp. Plainsboro Twp.

MILEPOSTS: 11.96

STRUCTURE NO.: 1103155

LEGISLATIVE DISTRICT: 14 SPONSOR: NJDOT

МРО	Phase	Fund	Amount
DVRPC	CON	STATE	\$8,953,000
NJTPA	CON	STATE	\$8,953,000

PROGRAM/PROJECT NAME

ITEM # 159, 159A, 159B

Project ID Number

Route 1, North of Ryders Lane to south of Milltown Road (6V)

9239

The project includes the total replacement of the deficient bridge on the existing alignment, plus approach roadway profile and vertical sight distance improvements, improvement of ramp geometry and reducing the number of bridge spans from five to one. No additional through lanes are proposed. The typical section will be three 12-foot lanes, a 12-foot auxiliary lane, a 3-foot inside shoulder, and a 12-foot outside shoulder in each direction, separated by a concrete barrier curb. Elimination of the railroad line under the bridge is an important element of the preferred alternative. Also included are geometric improvements and four traffic signals along parallel service roads on both sides of Route 1 within the project limits. This project is being designed to be bicycle/pedestrian compatible. In addition, safety conditions will be improved for bicycle/pedestrians along College Farm Road and Access Road. This is a multi-year funded project under the provisions of Section 13 of P.L. 1995, c.108. Total funding needed is anticipated to be \$19.06 million.

The following special Federal appropriation was allocated to this project. FY06 SAFETEA-LU, HPP, \$1,600,000 (available 20% per year, ID #NJ 181), Liberty Corridor, \$10,000,000.

COUNTY: Middlesex

MUNICIPALITY: North Brunswick Twp.

MILEPOSTS: 25.60 - 25.80 STRUCTURE NO.: 1202152

LEGISLATIVE DISTRICT: 17 SPONSOR: NJDOT

MPO	Phase	Fund	Amount
NJTPA	CON	HPP10	\$9,189,390
NJTPA	CON	HPP20	\$640,000
NJTPA	CON	NHS	\$23,015,000

PROGRAM/PROJECT NAME

ITEM # 303

Project ID Number

Route 18, Interchange of CRs 516/527

9394

Interchange improvements include the elimination of geometric design deficiencies at the existing interchange to improve safety and operations. This realignment includes widening Route 18 to provide adequate inside shoulders and widening CRs 516/527 in both directions through the interchange area. To accommodate these improvements, the existing bridge over Route 18 will be replaced. A new ramp will be provided from Route 18 northbound to CR 516/527 eastbound and westbound via a new signalized intersection. The existing ramps to and from Route 18 and CR 516/527 will also be reconfigured to match the alignment of Route 18 and CR 516/527. The signalized intersection of CR 516 and Old Matawan Road will be relocated and improved. This signal will be coordinated with the new signal at the ramp from Route 18 to optimize operations at both intersections. This project will be bicycle/pedestrian compatible. This project is multi-year funded under the provisions of Section 13 of P.L. 1995, c.108. Total funding needed for construction is anticipated to be \$28.800 million.

COUNTY: Middlesex

MUNICIPALITY: Old Bridge Twp.
MILEPOSTS: 34.00 - 34.50
STRUCTURE NO.: 1211152

LEGISLATIVE DISTRICT: 13 SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Congestion Relief

МРО	Phase	Fund	Amount
NJTPA	CON	STATE	\$10,000,000

PROGRAM/PROJECT NAME ITEM # 304

Route 18, Raritan Riverfront Multipurpose Trail

Project ID Number

03349

The Raritan Riverfront Multipurpose Trail extends from Route 27 to Route 18, John Lynch Bridge over the Raritan River. The existing trail has numerous safety and security problems which deter bicyclists from using this facility. The study will determine a cost-effective routing of bicycle traffic through this area.

**COUNTY:** Middlesex

MUNICIPALITY: New Brunswick City

MILEPOSTS: 42.20 - 43.80 STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 17 SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Multimodal Programs

МРО	Phase	Fund	Amount
NJTPA	DES	STATE	\$500,000

PROGRAM/PROJECT NAME

ITEM # 169

Project ID Number

Route 18 Ext., Hoes Lane Extension to I-287 (3A)

115B

Existing Hoes Lane from the Hoes Lane Extension to I-287 will be rehabilitated and will remain a four-lane roadway with signal modification. This project will be bicycle/pedestrian compatible.

This is a multi-year funded project under the provisions of Section 13 of P.L. 1995, c.108. Total construction funding needed is anticipated to be \$49.460 million.

The following special Federal appropriation has been allocated to this project: Liberty Corridor, \$12,000,000, (\$11,027,268 available).

COUNTY: Middlesex

MUNICIPALITY: Piscataway Twp.

MILEPOSTS: 45.59 - 47.79

STRUCTURE NO.: 1231166 1231167

LEGISLATIVE DISTRICT: 17 SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Road Assets

МРО	Phase	Fund	Amount
NJTPA	ROW	HPP10	\$3,000,000

PROGRAM/PROJECT NAME

ITEM # 177

Project ID Number

## Route 27, Oak Tree Road/Green Street, Intersection Improvements

93227B

Intersection improvements will include additional lanes, turning lanes, auxiliary lanes, revised signalization and widening of Oak Tree Road and Green Street. This project will be bicycle/pedestrian compatible.

COUNTY: Middlesex

MUNICIPALITY: Woodbridge Twp.

MILEPOSTS: 25.00 - 25.20 STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 18 SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Congestion Relief

МРО	Phase	Fund	Amount
NJTPA	DES	STP	\$1,200,000

PROGRAM/PROJECT NAME

ITEM # 178

Project ID Number

Route 27, Renaissance 2000, Bennetts Lane to Somerset Street

97079

Three lanes of travel will be provided on Route 27 for the majority of the project limits, with a single travel lane in each direction and a center, two-way left-turn lane. Between Bennetts Lane and How Lane/Veronica Avenue, there will be one northbound lane and two southbound lanes. Additional lanes are provided at select intersections in response to traffic volume demand.

COUNTY: Middlesex Somerset

MUNICIPALITY: New Brunswick City North Brunswick Twp. Franklin Twp.

MILEPOSTS: 13.10 - 15.17 STRUCTURE NO.: 1216159

LEGISLATIVE DISTRICT: 17 SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Congestion Relief

МРО	Phase	Fund	Amount
NJTPA	ROW	STP	\$1,700,000

PROGRAM/PROJECT NAME

ITEM # 179

Project ID Number

**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

МРО	Phase	Fund	Amount
NJTPA	CON	BRIDGE	\$4,800,000

PROGRAM/PROJECT NAME

ITEM # 308

Project ID Number

Route 27, South Plainfield Branch (Lake Avenue Bridge)

95102

Bridge)

This project will provide for the replacement of the Lake Avenue (Route 27) bridge over the abandoned South Plainfield Branch. The new structure will provide for four travel lanes. A new traffic signal will be provided for the intersection of Route 27 and Lake Avenue which will be hard wired to a revised traffic signal at the Route 27 intersection with Amboy Avenue. This project will be bicycle/pedestrian compatible.

COUNTY: Middlesex

MUNICIPALITY: Metuchen Boro MILEPOSTS: 21.55 - 21.61 STRUCTURE NO.: 1218152

LEGISLATIVE DISTRICT: 18 SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Bridge Assets

МРО	Phase	Fund	Amount
NJTPA	ROW	STATE	\$300,000

PROGRAM/PROJECT NAME

ITEM # 186

Project ID Number

Route 35, Cheesequake Creek Bridge

06368

A design and construction contract is required to repair, and the slow the rate of deterioration to this structure. Several elements of this bridge exhibit severe deterioration and if no significant repairs are initiated, the useful service lift of this structure will be compromised. Since the complete replacement of this structure is considered unfundable, it is recommended that this rehabilitation effort be undertaken. The rehabilitation design may likely result in more than one construction contract; however, at this time, only one construction project is shown.

COUNTY: Middlesex

MUNICIPALITY: Old Bridge Twp. Sayreville Boro

MILEPOSTS: 47.1 - 47.3 STRUCTURE NO.: 1222150

LEGISLATIVE DISTRICT: 13 19 SPONSOR: NJDOT

МРО	Phase	Fund	Amount
NJTPA	DES	BRIDGE	\$1,000,000

PROGRAM/PROJECT NAME

ITEM # 203

Project ID Number

Route 130, Southbound, North of Deans Road to Vicinity of Lawrence Brook, Resurfacing

07312

The scope of this project is to preserve the integrity of the roadway by maintaining the pavement structure, improving ride quality and restoring skid resistance.

The Pavement Management System has identified this highway segment as deficient in both ride quality and surface distress. The existing southbound roadway within the project limits consists of two 12-foot concrete travel lanes except between mileposts 80.21 - 80.30 where a third asphalt lane exists. The outside shoulder consists of asphalt. The opposing traffic is separated by a grass median.

The suggested roadway treatments are for the concrete lanes, concrete pavement rehabilitation followed by micro-surfacing and then overlay with a two-inch hot mix asphalt; the asphalt lane will have an overlay of two-inches of hot mix asphalt; the outside shoulder will be milled to an average depth of one inch and then have an overlay of two inches of hot mix asphalt.

COUNTY: Middlesex

MUNICIPALITY: South Brunswick Twp. North Brunswick Twp.

MILEPOSTS: 78.80 - 80.30 STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 17 SPONSOR: NJDOT

**CIS PROGRAM CATEGORY: Road Assets** 

МРО	Phase	Fund	Amount
NJTPA	CON	NHS	\$2,285,000

PROGRAM/PROJECT NAME

ITEM # 331

Project ID Number

Route 287, Vicinity of Stelton Road to Vicinity of Main Street, Resurfacing

07307

The existing roadway consists of three 12-foot asphalt travel lanes and 12-foot asphalt outside shoulder in each direction, separated by a grass median and/or concrete median barrier curb. This segment of the interstate highway has received a Final Pavement Ranking of 3.08 and was ranked 31 on the FY 2007 Pavement Projects List which is generated by the Pavement Management System.

The riding lanes of this segment of highway exhibit low severity cracking, minimal raveling, low severity patching and low severity longitudinal joint cracking. The acceleration and deceleration lanes exhibit moderate cracking.

The suggested treatment is to mill one inch and resurface with two inches of Hot Mix Asphalt. On the deceleration and acceleration lanes, the suggested treatment consists of milling two inches and resurface with three inches of Hot Mix Asphalt. Substandard guide rail will be upgraded to meet current standards. Drainage work will be limited to the resetting of inlets if necessary to meet the raised pavement surface. No utility work is anticipated. The primary scope of this project is to preserve the integrity of the interstate system by maintaining the structural capacity of the pavement, improving the riding quality and restoring skid resistance.

Deck replacements will be included for three structures: Route 287 NB & SB bridges over Possumtown Road, and Route 287 NB Ramp A over Ramp B at Easton Avenue. Other bridge decks within the project limits do not require rehabilitation and pavement will be transitioned to meet the existing bridge decks. Existing vertical clearances will be maintained at all underpasses.

COUNTY: Middlesex Somerset

MUNICIPALITY: Piscataway Twp. Franklin Twp. Bridgewater Twp.

MILEPOSTS: 5.90 - 12.90 STRUCTURE NO.: 1231167

LEGISLATIVE DISTRICT: 17 16 SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Road Assets

МРО	Phase	Fund	Amount
NJTPA	CON	STATE	\$20,000,000

PROGRAM/PROJECT NAME

ITEM # 333

Project ID Number 99379

Route 440, High Street Connector

This project will provide connector ramps and a roadway system linking the Perth Amboy waterfront redevelopment area and Route 440.

This is a multi-year funded project under the provisions of Section 13 of P.L. 1995, c.108. Total funding needed for construction is anticipated to be \$2.5 million.

The following special Federal appropriation was allocated to this project: FY05 SAFETEA LU/HPP \$4,000,000. Bill line #1221 "Expand Rt. 440 State Street Interchange in Perth Amboy, aka High Street Connector"

COUNTY: Middlesex

MUNICIPALITY: Perth Amboy City

MILEPOSTS: 3.90 - 4.20 STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 19 SPONSOR: Perth Amboy

CIS PROGRAM CATEGORY: Congestion Relief

МРО	Phase	Fund	Amount
NJTPA	ERC	STATE	\$500,000