

FY 2006 TRANSPORTATION CAPITAL PROGRAM

New Jersey Department of Transportation Projects

| <i>PROGRAM/PROJECT NAME</i> | <i>Project ID Number</i> |
|-------------------------------------|--------------------------|
| Duer Street Bridge over Green Brook | NS0208 |

The existing superstructure of the bridge will be replaced and repairs performed on the existing masonry abutments. The new superstructure will consist of galvanized steel beams supporting a composite, cast-in-place reinforced concrete deck. The superstructure will maintain the current 30-foot, curb-to-curb roadway width. However, the existing substandard bridge railing will be replaced by a reinforced concrete open balustrade railing. Accordingly, the width of the sidewalks on the bridge will be slightly reduced to eight-feet, six-inches to maintain overall bridge width. The existing masonry abutments will be modified to accommodate the new superstructure and all missing stones will be replaced and the mortar joints re-pointed.

COUNTY: Somerset Union

MUNICIPALITY: North Plainfield Boro Plainfield City

MILEPOSTS: N/A

STRUCTURE NO.: 18M1001

LEGISLATIVE DISTRICT: 22

SPONSOR: Somerset County

PROGRAM CATEGORY: Bridge Preservation - Local Bridges

| MPO | Item No. | Phase | Fund | Amount |
|-------|----------|-------|--------|-----------|
| NJTPA | 177 | CON | STP-NJ | \$700,000 |

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| <i>PROGRAM/PROJECT NAME</i> | <i>Project ID Number</i> |
|---|--------------------------|
| Elm Street Bridge over South Branch of Raritan River, CR 667 | NS0207 |

The existing structure will be rehabilitated to H-15 capacity loading. The floor beams are to be replaced. The existing asphalt-filled corrugated metal deck on steel stringers will be replaced with glued laminated deck panels with a hot-mix asphalt surface course. The sidewalk will be retained along the south side of the bridge. The vertical alignment of the west approach will be improved. This rehabilitation will be done in accordance with the Secretary of the Interior's Standards for Rehabilitation.

COUNTY: Somerset

MUNICIPALITY: Branchburg Twp. Hillsborough Twp.

MILEPOSTS: 0.04

STRUCTURE NO.: 18C0601

LEGISLATIVE DISTRICT: 16

SPONSOR: Somerset County

PROGRAM CATEGORY: Bridge Preservation - Local Bridges

| MPO | Item No. | Phase | Fund | Amount |
|-------|----------|-------|--------|-------------|
| NJTPA | 178 | CON | STP-NJ | \$3,800,000 |

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| <i>PROGRAM/PROJECT NAME</i> | <i>Project ID Number</i> |
|---|--------------------------|
| South Main Street/Finderne Avenue Bridge over Raritan River, CR 533 | NS0003 |

The project will replace the existing bridge with a new bridge having a roadway width of 56 feet (four 12-foot lanes with 4-foot shoulders). The sidewalk width will be five feet. The new bridge will be designed for HS 25 loading. The existing superstructures and substructure in both the river and land spans will be removed and replaced through staged construction. The new bridge will shift approximately 6 feet east of the existing west fascia. To improve stream hydraulics and level of service of the crossing, the roadway will be raised and the land span arch configuration will be replaced with stringer spans. The work will be staged to maintain traffic. The sidewalk will be maintained on one side.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108. The total construction cost is anticipated to be \$15,000,000.

COUNTY: Somerset

MUNICIPALITY: Manville Boro Bridgewater Twp.

MILEPOSTS: 29.19 - 29.26

STRUCTURE NO.: 18G0702

LEGISLATIVE DISTRICT: 16

SPONSOR: Somerset County

PROGRAM CATEGORY: Bridge Preservation - Local Bridges

| MPO | Item No. | Phase | Fund | Amount |
|-------|----------|-------|--------|-------------|
| NJTPA | 181 | CON | STP-NJ | \$7,500,000 |

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| <i>PROGRAM/PROJECT NAME</i> | <i>Project ID Number</i> |
|---|--------------------------|
| Route 22, Crab Brook, Drainage Improvements | 93151 |

Flooding of westbound Route 22 and adjacent Crab Brook in the vicinity of North Drive to Watchung Avenue occurs several times a year. The flooding results from inadequate hydraulic capacities of Crab Brook and Route 22 culverts. The improvements consist of deepening and widening the Crab Brook channel between North Drive and DuPont Street. Crab Brook will be cleaned downstream of DuPont Street. Additional inlets and larger culverts across Route 22 at three locations will provide hydraulic capacity necessary to convey runoff from the north side of Route 22 into Crab Brook.

COUNTY: Somerset

MUNICIPALITY: North Plainfield Boro

MILEPOSTS: 45.25

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 22

SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Drainage

| MPO | Item No. | Phase | Fund | Amount |
|-------|----------|-------|-------|-------------|
| NJTPA | 386 | ROW | STATE | \$1,900,000 |

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| <i>PROGRAM/PROJECT NAME</i> | <i>Project ID Number</i> |
|--|--------------------------|
| Route 22, Park Avenue/Bonnie Burn Road | 9189 |

This project will provide for the total replacement of the existing bridge over Route 22 and will provide three 12-foot lanes in the northbound direction and two 12-foot lanes in the southbound direction of Park Avenue Road between the intersections of Bonnie Burn Road and Sunset Place. The intersection of Park Avenue Road/New Providence Road with Bonnie Burn Road will be reconfigured for improved intersection traffic flow.

COUNTY: Somerset

MUNICIPALITY: Watchung Boro Scotch Plains Twp.

MILEPOSTS: 47.15 - 47.55

STRUCTURE NO.: 2003150

LEGISLATIVE DISTRICT: 21 22 SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge and Roadway Preservation - Bridge and Roadway Rehabilitation

| MPO | Item No. | Phase | Fund | Amount |
|-------|----------|-------|-------|-------------|
| NJTPA | 364 | DES | STATE | \$1,800,000 |

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| <i>PROGRAM/PROJECT NAME</i> | <i>Project ID Number</i> |
|--|--------------------------|
| Route 22, Sustainable Corridor Short-term projects | 03319 |

Short-term improvements between Route 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.

The following special Federal appropriations were allocated to this project. FY 2005/Section 117/H66 \$1,984,000 (balance available \$1,984,000).

COUNTY: Somerset

MUNICIPALITY: Bridgewater Twp.

MILEPOSTS: 33.88 - 37.14

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 16

SPONSOR: NJDOT

PROGRAM CATEGORY: Capital Program Delivery - Corridor Studies

| MPO | Item No. | Phase | Fund | Amount |
|-------|----------|-------|------|-------------|
| NJTPA | 105 | DES | DEMO | \$500,000 |
| NJTPA | 119 | ROW | DEMO | \$1,250,000 |

| <i>PROGRAM/PROJECT NAME</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

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

| MPO | Item No. | Phase | Fund | Amount |
|-------|----------|-------|--------|-----------|
| NJTPA | 46 | DES | BRIDGE | \$700,000 |

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| <i>PROGRAM/PROJECT NAME</i> | <i>Project ID Number</i> |
|--|--------------------------|
| Route 202, Mine Brook Bridge Replacement | 98349 |

This project will provide for the replacement of the existing structure as well as improvements to the immediately adjacent approach roadways and the permanent closure of Lakeview Drive to and from Route 202. The roadway will consist of a 12-foot lane with an adjoining eight-foot shoulder in each direction with guiderail continuous across the structure and offset from the outside edge of the shoulder. The structure will be constructed in two stages with the use of a temporary bridge along Route 202 northbound. Architectural parapets are to be provided on the structure to provide an aesthetic treatment.

COUNTY: Somerset

MUNICIPALITY: Bernardsville Boro

MILEPOSTS: 35.39 - 35.44

STRUCTURE NO.: 1809153

LEGISLATIVE DISTRICT: 16

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

| MPO | Item No. | Phase | Fund | Amount |
|-------|----------|-------|--------|-------------|
| NJTPA | 42 | ERC | BRIDGE | \$1,200,000 |

| <i>PROGRAM/PROJECT NAME</i> | <i>Project ID Number</i> |
|--------------------------------------|--------------------------|
| Route 206, Crusers Brook Bridge (41) | 94060 |

This project will provide for the replacement of the existing structure, which is in poor condition due to the condition of the superstructure and the inadequate deck geometry. Also, the structure is potentially scour critical, since the abutments are not founded on piles.

COUNTY: Somerset

MUNICIPALITY: Montgomery Twp.

MILEPOSTS: 61.80

STRUCTURE NO.: 1810155

LEGISLATIVE DISTRICT: 16

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

| MPO | Item No. | Phase | Fund | Amount |
|-------|----------|-------|--------|-----------|
| NJTPA | 58 | ROW | BRIDGE | \$850,000 |

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| <i>PROGRAM/PROJECT NAME</i> | <i>Project ID Number</i> |
|-----------------------------------|--------------------------|
| Route 206, CSX Bridge Replacement | 94059 |

This project provides for the replacement of the existing 85-foot, single-span bridge with a new 138-foot, single-span structure. The improvements will include a realignment of Route 206 to the west with a roadway section that will provide for one 12-foot travel lane, 10-foot shoulder, and sidewalk in each direction. A new "T" intersection with traffic signal will be constructed for the relocated intersection of Route 206 and CR 601. The improvements will upgrade Route 206 and the adjacent roadways to improve their operational characteristics and safety throughout the project limits. The existing bridge will be open to traffic until the construction of the new structure is completed. This project will be bicycle/pedestrian compatible with shoulders and sidewalks provided on both sides of the roadway as well as crosswalks.

COUNTY: Somerset

MUNICIPALITY: Montgomery Twp.

MILEPOSTS: 62.3 - 62.9

STRUCTURE NO.: 1810156

LEGISLATIVE DISTRICT: 16

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

| MPO | Item No. | Phase | Fund | Amount |
|-------|----------|-------|-------|-------------|
| NJTPA | 396 | ROW | STATE | \$2,750,000 |

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| <i>PROGRAM/PROJECT NAME</i> | <i>Project ID Number</i> |
|--|--------------------------|
| Route 206, Old Somerville Road to Brown Avenue (15N) | 780 |

This project will provide for the widening of the highway to increase the number of travel lanes from two lanes to four lanes and will include shoulder widening, median barrier construction, and associated intersection improvements. This project will be bicycle/pedestrian compatible.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108. Total design cost is anticipated to be \$5,500,000.

COUNTY: Somerset

MUNICIPALITY: Hillsborough Twp.

MILEPOSTS: 66.20 - 68.40

STRUCTURE NO.: 1810165 1810166 1810167 1810168

LEGISLATIVE DISTRICT: 16

SPONSOR: NJDOT

PROGRAM CATEGORY: Congestion Relief - Major Widenings

| MPO | Item No. | Phase | Fund | Amount |
|-------|----------|-------|------|-------------|
| NJTPA | 136 | DES | NHS | \$2,000,000 |

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| <i>PROGRAM/PROJECT NAME</i> | <i>Project ID Number</i> |
|--|--------------------------|
| Route 206 Bypass, Belle Mead-Griggstown Road to Old Somerville Road (14A 15A) | 779 |

This project will provide for construction of a segment of Route 206 on new alignment, bypassing a segment of existing highway which has serious congestion and safety problems. The new segment of roadway will consist of four 12-foot travel lanes, two 12-foot outside shoulders, two five-foot inside shoulders, a 20-foot grass median, and two 15-foot outside borders.

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

This project is funded under the provisions of Section 13 of P.L. 1995, c.108. Total design cost is \$11,625,000; total construction funding is anticipated to be \$100,806,000.

COUNTY: Somerset

MUNICIPALITY: Hillsborough Twp. Montgomery Twp.

MILEPOSTS: 62.20 - 66.30

STRUCTURE NO.: 1810164

LEGISLATIVE DISTRICT: 16

SPONSOR: NJDOT

PROGRAM CATEGORY: Congestion Relief - Missing Links

| MPO | Item No. | Phase | Fund | Amount |
|-------|----------|-------|------|-------------|
| NJTPA | 139 | UTI | NHS | \$4,500,000 |