

# FY 2006 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<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

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 22, Liberty Avenue & Conrail Bridge	95116

The Route 22 bridge over Conrail and Liberty Avenue will be replaced due to structural deficiency and its overall poor condition. The project will also improve the existing substandard roadway features within the project limits.

COUNTY: Union

MUNICIPALITY: Hillside Twp.

MILEPOSTS: 57.30

STRUCTURE NO.: 2004153

LEGISLATIVE DISTRICT: 29

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

MPO	Item No.	Phase	Fund	Amount
NJTPA	45	DES	BRIDGE	\$1,600,000

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<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 22, Madison Avenue, Drainage Improvements	98418

Drainage improvements will include installation of concrete vertical curb along the Route 22 westbound shoulder between Caldwell Avenue and Fairway Drive North, corner cutbacks and channelization at Madison Avenue and Caldwell Avenue intersections, adding inlets at the intersections of Madison and Caldwell Avenue, adding inlets in the right shoulder westbound, constructing a new drainage system along the westbound shoulder, upgrading one existing storm drain crossing and replacing the outfall. Twelve single inlets will be converted to double inlets. Three new single inlets and seven double inlets will be constructed. A deceleration lane eastbound near the intersection of Fairway Drive South will be constructed. The turning radius of Fairway Drive East and Fairway Drive South will be improved.

COUNTY: Union

MUNICIPALITY: Union Twp

MILEPOSTS: 54.40 - 54.80

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 20

SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Drainage

MPO	Item No.	Phase	Fund	Amount
NJTPA	166	DES	STP	\$500,000

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<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 22, Michigan Avenue, Drainage Improvements	93210

This drainage project may provide for the regrading of the right shoulder to meet the minimum four percent required by NJDOT criteria which will help the flooding along the travel lane and shoulder. This regrading is subject to further investigation on the impacts to existing driveways. Seven single inlets will be converted to double inlets; three new double inlets will be installed. One headwall will be constructed at the outfall. The drainage pipes along the eastbound shoulder will be replaced.

COUNTY: Union

MUNICIPALITY: Union Twp.

MILEPOSTS: 53.87

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 20

SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Drainage

MPO	Item No.	Phase	Fund	Amount
NJTPA	167	DES	STP	\$450,000

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## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 22, Mountain Avenue, Drainage Improvements	93211

Drainage improvements include upgrading of the drainage system from Mountain Avenue underpass with the installation of an underground detention basin near Echo Lake Channel in order to reduce the peak drainage flow and avoid impact to Echo Lake Channel. The basin would be installed in a commercial parking lot on westbound Route 22. No improvements are proposed for the box culvert and its downstream channel. Drainage pipes and inlets will need to be upgraded between Sheffield Street and Echo Lake Channel. Twenty-nine catch basins are proposed.

COUNTY: Union

MUNICIPALITY: Mountainside Boro

MILEPOSTS: 51.60

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 21

SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Drainage

MPO	Item No.	Phase	Fund	Amount
NJTPA	168	DES	STP	\$550,000

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 22, Mountainside Boro, Drainage Improvements	96032

Currently, there is flooding on both sides of Route 22 in the vicinity of Evergreen Court and on eastbound Route 22 in the vicinity of Walnut Avenue. Drainage improvements at these locations will include additional inlets and larger pipes to alleviate the flooding.

COUNTY: Union

MUNICIPALITY: Mountainside Boro

MILEPOSTS: 50.10 - 50.80

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 21

SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Drainage

MPO	Item No.	Phase	Fund	Amount
NJTPA	269	CON	STATE	\$1,700,000

# FY 2006 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 22, Mullen Road, Drainage Improvements	93159

Drainage improvements will eliminate flooding and icing conditions along this portion of Route 22. Six inlets will be added to the storm drainage system, three inlets each on the eastbound and westbound shoulders. These inlets will be connected to an 18-inch RCP that will link the new inlets to the existing drainage system. The existing 18-inch RCP between inlets will be replaced by a 24-inch RCP. All other existing pipes and inlets will remain unchanged. These improvements will mitigate the spread of stormwater in the 10-year storm event and have the capacity to convey stormwater runoff during the 25-year and smaller storm events.

COUNTY: Hunterdon

MUNICIPALITY: Readington Twp.

MILEPOSTS: 26.8 - 26.9

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 23

SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Drainage

MPO	Item No.	Phase	Fund	Amount
NJTPA	270	CON	STATE	\$400,000

# FY 2006 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<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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## New Jersey Department of Transportation Projects

<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