

FY 2008-11
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
New Jersey Department of Transportation Projects

<i>PROJECT NAME</i>	<i>Project ID No.</i>	<i>TIP No.</i>
Route 23/80, Long-term Interchange Improvements	9233B6	9233B6

The proposed long-term improvements may involve a major construction project that addresses existing weekday and weekend congestion problems and provides for a critical missing link in the highway network. While the NJDOT's Interchange Study recommended several concepts for long-term improvements, the Routes 23/46/80 Task Force could not, based on the preliminary nature of such concepts, determine one concept to endorse. The Routes 23/46/80 Task Force agreed that the NJDOT should further develop four concepts to determine the most viable alternative to meet the needs of the interchange.

The following special Federal appropriation was allocated to this project. FY06 SAFETEA-LU, HPP \$1,200,000 (available 20% per year).

COUNTY: Passaic Essex

MUNICIPALITY: Wayne Twp. Fairfield Twp.

MILEPOSTS: 23: 5.1-5.7; 80: 52.8-53.75

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 40 27

SPONSOR: NJDOT

PROGRAM CATEGORY: Capital Program Delivery - Planning Programs and Studies

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	FA	HPP20	\$600,000				
NJTPA	PD	HPP20		\$600,000			

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<i>PROJECT NAME</i>	<i>Project ID No.</i>	<i>TIP No.</i>
Route 80, Eastbound, West of Hope-Johnsonburg Road to East of Ledgewood Avenue, Resurfacing	06410	06410

The existing roadway typically consists of three to four 12-foot asphalt concrete travel lanes with 12-foot asphalt concrete shoulders. The opposing traffic is separated by a woods and a grass median. The roadway condition is generally poor, consistently exhibiting rutting, high severity wheel path fatigue cracking, and localized patching. The outside shoulder is generally in fair to poor condition. It is proposed to mill and resurface the entire roadway with Superpave hot mix asphalt. All inlets and other roadway utility hardware will be adjusted to final grade. Raised pavement markers will be reinstalled. Deteriorated curb and curb with existing low reveal will be reconstructed. No utility work is anticipated. Only resurfacing and incidentals required to facilitate the resurfacing as outlined in the scope of work for 3R projects will be done.

Bridge decks within the project limits do not require rehabilitation; therefore, pavement will be transitioned to meet the bridge decks. A minimum vertical under clearance of 16 feet will be maintained at all underpasses with the exception of Structure 1427150 which will be at 15 feet, 8 inches.

COUNTY: Warren Sussex Morris

MUNICIPALITY: Various

MILEPOSTS: 12.80 - 28.50

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 23 24 25 SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Highway Resurfacing

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	CON	STATE		\$22,800,000			

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<i>PROJECT NAME</i>	<i>Project ID No.</i>	<i>TIP No.</i>
Route 80, Eastbound, West of Madison Avenue to Polify Road, Resurfacing	07310	07310

The existing roadway consists of jointed reinforced concrete pavement travel lanes with hot mix asphalt inside and outside shoulders. This segment of interstate highway ranked 26th statewide and received a Final Pavement Rating of 2.80 on the FY 2007 critical needs list generated by the Pavement Management System.

The pavement is severely distressed and has reached terminal serviceability. The scope of this project is to extend the life of the pavement and delay the need for the complete reconstruction identified in the PMS 2002 interstate study that was based upon FWD analysis.

Anticipated repairs to the concrete pavement include joint replacement, full and partial slab replacement and load transfer restoration. In addition, a surface treatment will be applied such as diamond grinding or a thin overlay to restore ride quality and friction.

This project is critical to the network strategy of preserving the integrity of interstate pavements and delaying the need for costly reconstruction currently estimated at \$40 million for this 65 mile eastbound section.

COUNTY: Passaic Bergen

MUNICIPALITY: Various

MILEPOSTS: 58.90 - 65.40

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 35 38 37 SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Highway Resurfacing

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	CON	STATE		\$12,250,000			

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PROJECT NAME	<i>Project ID No.</i>	<i>TIP No.</i>
Route 80/287, Safety Improvement	00371A	00371A

This project will provide for the reconstruction of Ramp D (connecting I-287 northbound to I-80 westbound) and Ramp B (connecting I-80 westbound to I-287 northbound). Both ramps have been associated with above average vehicular turnovers and loss of control accidents. The deceleration lane for Ramp D will also be reconstructed. Acceleration lane improvement work for Ramp H (connecting I-80 eastbound to I-287 northbound) will also be included. The I-287 northbound structure over Littleton Road will be widened.

COUNTY: Morris
MUNICIPALITY: Parsippany-Troy Hills Twp
MILEPOSTS: Route 80: 43.56 - 43.76; Route 287: 41.5 - 42.5
STRUCTURE NO.: 1420153
LEGISLATIVE DISTRICT: 26 **SPONSOR:** NJDOT
PROGRAM CATEGORY: Safety - Safety Improvements

	MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
	NJTPA	CON	I-MAINT		\$12,700,000			

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New Jersey Department of Transportation Projects

PROJECT NAME	<i>Project ID No.</i>	<i>TIP No.</i>
Route 80, Parsippany-Troy Hills Roadway Improvement	00371B	00371B

The I-80 pavement will be reconstructed and the bridge decks for the I-80 eastbound structures over I-287 northbound (1414168) and Smith Road (1414169) will be replaced. An additional lane will be added to Ramp G (connecting I-80 eastbound with I-287 southbound) and the weaving distance between Ramp G and Ramp L (connecting the Littleton Road frontage road to I-80 eastbound) will be increased. A new ramp will be constructed to provide access from I-80 eastbound to Littleton Road eastbound. Ramp B at South Beverwyck Road will be widened to provide a right-turn lane. The slip ramp from I-80 eastbound to the eastbound local lanes will be relocated to the east in order to provide a longer weaving distance from Ramp I (connecting I-287 southbound to I-80 eastbound). Ramp J (connecting I-287 southbound to I-80 westbound) will be reconstructed. The bridge decks for the I-80 westbound structures over I-287 northbound (1414168) and Smith Road (1414169) will be replaced. This project is multi-year funded under the provisions of Section 13 of P.L. 1995, c.108. Total Federal aid needed is anticipated to be \$69.0 million for construction.

COUNTY: Morris
MUNICIPALITY: Parsippany-Troy Hills Twp
MILEPOSTS: Route 80: 41.50 - 45.60; Route 287: 41.50 - 41.80
STRUCTURE NO.: 1414168 1414169 1420154
LEGISLATIVE DISTRICT: 26 SPONSOR: NJDOT
PROGRAM CATEGORY: Roadway Preservation - Hwy Rehab and Recon

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	ROW	STATE		\$600,000			
NJTPA	CON	I-MAINT				\$9,000,000	\$60,000,000

PROJECT NAME	<i>Project ID No.</i>	<i>TIP No.</i>
Route 80, Rockfall Mitigation, Roxbury Township	01362	01362

This project will provide for the redesign and reconstruction of the rock cut and catchment zone due to the potential for falling rock onto the shoulder and/or travel lanes.

COUNTY: Morris
MUNICIPALITY: Roxbury Twp.
MILEPOSTS: 29.30 - 29.50
STRUCTURE NO.: N/A
LEGISLATIVE DISTRICT: 25 SPONSOR: NJDOT
PROGRAM CATEGORY: Safety - Rockfall Mitigation

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	CON	I-MAINT	\$6,250,000				

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<i>PROJECT NAME</i>	<i>Project ID No.</i>	<i>TIP No.</i>
Route 80, Truck Weigh Station, Eastbound, Knowlton Township	285A	285A

This project will provide for the upgrade of the existing truck weigh station in Knowlton Township. Proposed improvements will provide upgraded weighing equipment (weigh-in-motion scale and automated internal directional signals, 70 foot long three-platform static scale, truck weight monitoring system and a closed-circuit television system) and support facilities that will enable New Jersey State Police to more effectively perform their duties in enforcing truck weight and safety regulations. Other improvements will include advanced warning signing as well as extending the acceleration/deceleration lanes on I-80. Only five truck parking spaces will be provided in order to contain the facility within existing right of way.

COUNTY: Warren

MUNICIPALITY: Knowlton Twp.

MILEPOSTS: 1.55 - 2.75

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 23

SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Truck Size and Weight Control

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	DES	I-MAINT	\$2,000,000				
NJTPA	CON	I-MAINT				\$11,298,000	

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<i>PROJECT NAME</i>	<i>Project ID No.</i>	<i>TIP No.</i>
Route 80, West of Knowlton Road to West of Hope Johnsonburg Road	06409	06409

The existing roadway typically consists of three or four 12-foot asphalt concrete travel lanes with 12-foot asphalt concrete outside shoulders. The opposing traffic is separated by a woods and a grass median for the majority of the project. The roadway condition is generally poor, consistently exhibiting rutting, high severity wheel path fatigue cracking, and localized patching. The outside shoulder is generally in fair to poor condition. It is proposed to mill and resurface the entire roadway with Superpave hot mix asphalt. All inlets and other roadway utility hardware will be adjusted to final grade. Raised pavement markers will be reinstalled. Deteriorated curb and curb with existing low reveal will be reconstructed. No utility work is anticipated. Only resurfacing and incidentals required to facilitate the resurfacing as outlined in the scope of work for 3R projects will be done.

Bridge decks within the project limits do not require rehabilitation; therefore, pavement will be transitioned to meet the bridge decks. A minimum vertical under clearance of 16 feet will be maintained at all underpasses.

COUNTY: Warren

MUNICIPALITY: Knowlton Twp. Blairstown Twp. Hope Twp.

MILEPOSTS: 8.00 - 12.80

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 23

SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Highway Resurfacing

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	CON	STATE	\$16,120,000				

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**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
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<i>PROJECT NAME</i>	<i>Project ID No.</i>	<i>TIP No.</i>
Route 80, Westbound, East of South Beverwyck Road to West of the Route 23 Interchange, Resurfacing	07311	07311

The existing roadway typically consists of three 12-foot asphalt travel lanes with a 12-foot asphalt shoulder with berm. The opposing traffic is separated by a 40-foot grass median with three-foot asphalt inside shoulder.

This segment of interstate highway ranked 34th statewide and received a Final Pavement Rating of 3.36 on the FY 2007 critical needs list generated by the Pavement Management System.

The existing roadway surface is in poor condition, exhibiting rutting, high severity longitude joint raveling, high severity patching and potholes, with some medium to high severity block cracking. Guide rail and bridge structures exist between the project limits. There are existing raised pavement markers within the project limits.

Improvements include patching, milling and structural overlay. It is proposed to mill a two-inch depth and overlay five inches over the entire roadway with Superpave hot mix asphalt. All inlets will be upgraded to current standard and/or adjusted to final grade. Raised pavement markers will be installed according to current standards. Deteriorated curb and curb with existing low reveal will be reconstructed. Substandard guide rail will be upgraded under this contract.

COUNTY: Morris Essex Passaic

MUNICIPALITY: Parsippany-Troy Hills Twp Montville Twp. Fairfield Twp. Wayne Twp.

MILEPOSTS: 45.60 - 53.30

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 26 27 40 SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Highway Resurfacing

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	CON	I-MAINT		\$20,700,000			

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**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
New Jersey Department of Transportation Projects**

PROJECT NAME	Project ID No.	TIP No.
Route 80, Westbound, West of Hope-Johnsonburg Road to East of Ledgewood Avenue, Resurfacing	06411	06411

The existing roadway typically consists of three to four 12-foot asphalt concrete travel lanes with 12-foot asphalt concrete shoulders. The opposing traffic is separated by a woods and a grass median. The roadway condition is generally poor, consistently exhibiting rutting, high severity wheel path fatigue cracking, and localized patching. The outside shoulder is generally in fair to poor condition. It is proposed to mill and resurface the entire roadway with Superpave hot mix asphalt. All inlets and other roadway utility hardware will be adjusted to final grade. Raised pavement markers will be reinstalled. Deteriorated curb and curb with existing low reveal will be reconstructed. No utility work is anticipated. Only resurfacing and incidentals required to facilitate the resurfacing as outlined in the scope of work for 3R projects will be done.

Bridge decks within the project limits do not require rehabilitation with the exception of Structure 1427154; therefore, pavement will be transitioned to meet the bridge decks. A minimum vertical under clearance of 16 feet will be maintained at all underpasses with the exception of Structure 1427150 which will be at 15 feet, 8 inches.

COUNTY: Warren Sussex Morris

MUNICIPALITY: Various

MILEPOSTS: 12.80 - 28.50

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 23 24 25 SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Highway Resurfacing

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	CON	STATE		\$18,450,000			

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<i>PROJECT NAME</i>	<i>Project ID No.</i>	<i>TIP No.</i>
Route 80, Westbound, West of Route 23 Interchange to East of Squirrelwood Road, Resurfacing	07309	07309

This highway segment has been identified as critical pavement preservation need by the Pavement Management System and is deficient in ride quality, surface distress and structural thickness. This highway segment was identified in a 2002 interstate pavement study as needing complete reconstruction; however, funding of that magnitude is not available. It is, therefore, proposed to extend the life of this pavement by patching and structural overlay to improve the ride quality and structural capacity. The existing roadway typically consists of four 12-foot composite travel lanes with 12-foot asphalt outside shoulder with vertical concrete curb. The opposing traffic is separated by a concrete median barrier with 10-foot asphalt inside shoulders.

The existing roadway surface is in poor condition, exhibiting high severity reflective cracking, longitude joint raveling, rutting and patching. The concrete pavement exhibits some broken slabs. Guide rail and bridge structures exist within the project limits. There are existing raised pavement markers within the project limits.

Proposed improvements consist of concrete pavement repair, slab stabilization, milling and overlay. It is proposed to mill two inches in composite pavement areas and resurface five inches over the entire roadway with Superpave hot mix asphalt. All inlets will be upgraded to current standard and/or adjusted to final grade. Raised pavement markers will be reinstalled according to current standards. Deteriorated and low reveal curb will be reconstructed. Substandard guide rail will be upgraded under this contract.

COUNTY: Passaic

MUNICIPALITY: Wayne Twp. Totowa Boro West Paterson Boro

MILEPOSTS: 53.30 - 57.30

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 40 35 34 SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Highway Resurfacing

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	CON	STATE		\$9,265,000			