

PROJECT NAME: MANCHESTER-HOOKSETT
FEDERAL NUMBER: A000(461)
STATE NO: 14604

PROJECT INFORMATION SHEET

DESCRIPTION:

The State of New Hampshire-Department of Transportation is proposing to construct 1.14 miles of pavement rehabilitation improvements and bridge rehabilitation work on 4 bridges, guardrail replacement and drainage work along I-93. The work begins in the City of Manchester, 0.47 miles south of the Bridge over the Merrimack River and continues north 0.67 miles into the Town of Hooksett. Included is work at Exit 10 consisting of rehabilitating the ramp pavement, resetting curb and adjusting drainage structures.

FEDERAL FUNDING:

This project is multi-funded using 100% Federal funding under the Interstate Maintenance 4R and Bridge Rehabilitation, Painting, Preservation and Improvement program.

EXPLANATION:

The pavement along I-93 and the ramps at Exit 10 is showing signs of distress and needs to be rehabilitated to restore the riding surface and extend its service life. The goal of the improvements under the Interstate Maintenance program is to address pavements before the conditions deteriorate further and require more extensive and costly treatments. The 2 Merrimack River bridges are on the States Redlist of bridges and has Sufficiency ratings of 61.6 (NB) and 57.7 (SB). The decks on these two bridges are in poor condition and will require removal and replacement of the deck pavement and membrane and replacement of the concrete deck. The 2 bridges over NH Route 3A will require removal and replacement of the deck pavement and membrane and parcel or full depth concrete repair. This segment of I-93 was originally constructed in two projects (P-1050-E and P-1050-F) in 1976 and was last resurfaced in 1993 (placement of a leveling course & 1" overlay) including all ramps.

TRAFFIC IMPLICATIONS:

Bridge rehabilitation work will be completed in phases to minimize the traffic disruption. Traffic will be maintained on the existing paved travel lanes on I-93 northbound and southbound, having a minimum of three (3) - 12 foot wide travel lanes at all times, in each direction, except as otherwise permitted. Corridor-wide meetings on traffic management and construction schedule will be held on a weekly basis, or as determined by the District Construction Engineer. No changes in traffic control will be allowed without completing all advanced notification requirements. These notices will be communicated to the Transportation Management Center (TMC). Due to the heavy traffic volumes recorded for I-93 during the typical construction season, lane closures and ramp closures will be completed, during nighttime operations utilizing lane closures between the hours of 9:00 pm to 6:00 am.

INTERMEDIATE COMPLETION DATE:

The I-93 Phase 1 Detour Crossovers and pavement work to binder course will be completed prior to October 29, 2010.

All I- 93 southbound barrel work including the bridge over US Route 3A and the Merrimack River bridge will be paved to binder course by October 28, 2011.

ADVERTISING DATE:

May 11, 2010

COMPLETION DATE:

June 28, 2013