

COMPLETION OF CONTRACT 14633F will finalize the reconstruction of **Exit 5**, tying into the completed ramps project and the new PNR. **Severino Trucking Co, Inc.** of Candia, NH won the contract with a low bid of \$36.7M. \$35.5 is dedicated to contract 14633F, and \$1.2 M to 10418F (South Road Mitigation). The total project cost is \$38.5M. The project involves:

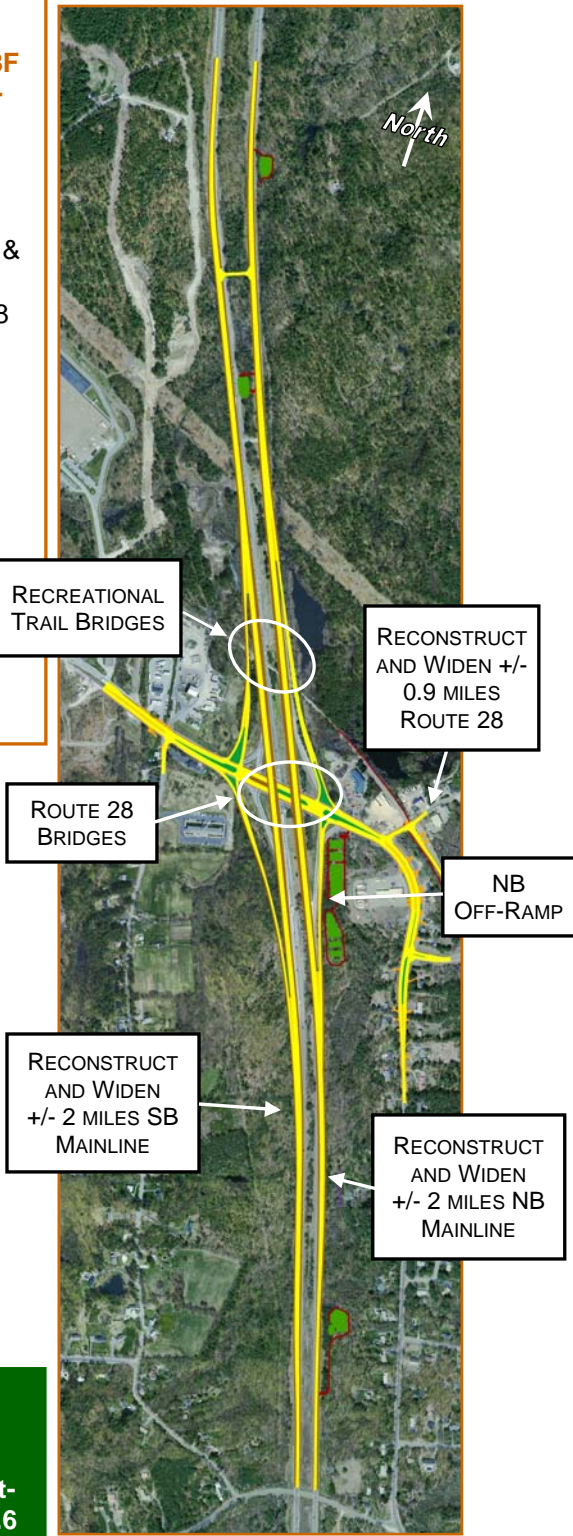
- Replacement of four red-listed bridges over Route 28 and the Recreation Trail (two each)
- Reconstruction and widening of approximately two miles of I-93 NB & SB
- Reconstruction and widening of approximately 0.9 miles of Route 28
- Construction of a new NB off-ramp and connections to the NB on-ramp and SB on and off-ramps recently constructed under the previous Exit 5 ramps project
- Reconstruction of segments of Perkins and Auburn Roads, and Liberty and Independence Drives
- Construction will be facilitated through the use of temporary median crossovers, temporary widening and temporary ramps for traffic control.
- NB traffic has been moved onto the SB lanes so the NB lanes can be constructed outside of I-93 traffic

Work began in March 2011 and is currently about 60% complete. Summer 2014 is the targeted completion date.



Independence Drive w/Striping Laid Out, October 2012

Contract 10418F: This project consists of constructing wetland mitigation on two sites that will be accessed from Gilcreast and South Roads, southwest of the I-93 Exit 4 interchange in the town of Londonderry. The sites provide 75.2 acres of mitigation consisting of 11.6 acres of created wetlands/habitat enhancement and 63.6 acres of upland preservation land. This project includes work to replace a culvert that carries South Road over a tributary to Beaver Brook. A new culvert box will improve wildlife connectivity between the two mitigation areas and improve flood conveyance. Also included in this project is the reconstruction of a segment of South Road in the vicinity of the culvert work.



CONTRACT 14633F, EXIT 5 AREA



CORRIDOR NEWS

I-93 Construction News and Highlights

Winter 2013~ Issue No. 12

~ I-93 Improvements ~ *Moving Ahead* ~

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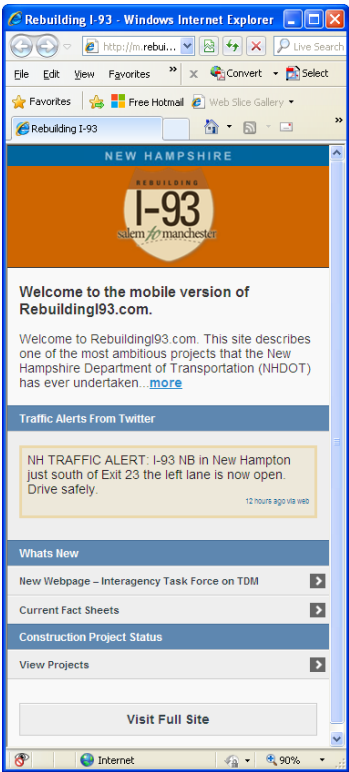


REBUILDING THE NORTHERN SECTION OF THE SALEM TO MANCHESTER I-93 CORRIDOR

The majority of the construction effort to date for the I-93 Corridor has been focused on the area from Exit 3 south. The advertisement of the 13933H contract in September of 2013 will substantially complete the southern portion of the corridor. While Exit 5 has been under construction for a few years now, there are six remaining capacity improvement projects that will complete the work from north of Exit 3 to the I-293 interchange. These six projects constitute approximately \$250M worth of work that will be done between the fall of 2014 and 2020. The DOT is currently working out the final financing details for this work, but has initiated the final engineering of the construction projects. **The graphic below shows the anticipated schedule of activity for the northern section.**

Anticipated Schedule of Northern Contracts

Contract #	Contract Description	2014	2015	2016	2017	2018	2019	2020
14633B	NB & SB Mainline between Exit 3 & 4							
14633C	NH 102 Bridge at Exit 4							
14633D	NB & SB Mainline & Ramps at Exit 4							
14633I	NB & SB Mainline between Exit 4 & 5							
14633H	NB & SB Mainline North of Exit 5							
14633J	Future Corridor Paving							



I-93 PROJECT MOBILE WEBSITE

The I-93 Project Website, rebuildingi93.com, has gone mobile! Easily access information on traffic impacts through construction updates and Twitter feeds. Also see "What's New" and access basic project status information. From the mobile website, a link will take the user to the full website for a wealth of information regarding the reconstruction of I-93.



Scan the QR Code to the left or type the following link into your browser:

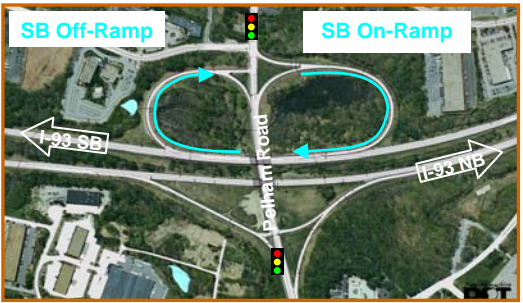
<http://m.rebuildingi93.com>



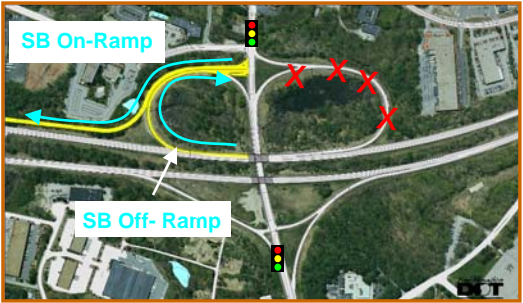
EXIT 2, INTERCHANGE RECONSTRUCTION

PROJECT OVERVIEW: **Contract 13933E** will finalize the reconstruction of Exit 2. When complete, three travel lanes in each direction will be operational from the State Line to the Windham/Salem Town Line near Brookdale Road overpass. **The contract was awarded to George Cairns & Sons with a bid of \$40.9M in July 2012 and is currently 10% complete.** This project will:

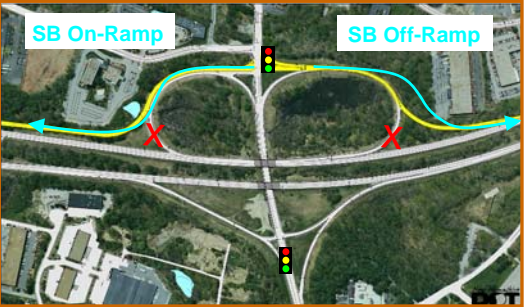
- Replace two red-listed bridges over Pelham Road.
- Reconstruct/widen approximately 1.3 miles of I-93 NB and 1.8 miles of SB Mainline.
- Reconstruct/widen Pelham Road between Stiles/Manor Parkway to Policy Street and rebuild I-93 bridges over Pelham Road to accommodate an eight-lane typical section through the interchange.
- All (five) traffic signals along Pelham Road will be coordinated to improve traffic flow.
- Construct a 1,950 linear foot sound wall along the NB mainline near South Shore Road.
- Construct Haigh Avenue mitigation site, creating 7.6 acres and nine acre-feet of floodplain mitigation.
- Move the NB lane drop more than two miles north, beyond the influence of the Exit 2 on-ramp.



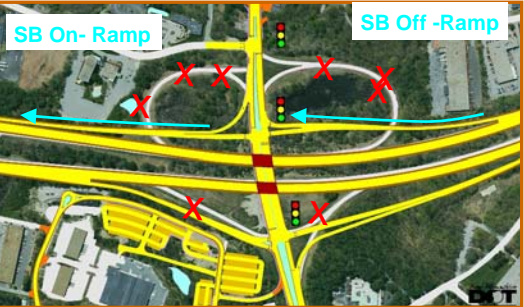
Existing Traffic Flow



Interim Condition #1 ~ Existing SB On-Ramp to be Closed*



Interim Condition #2 *



Final Ramp Configuration ~ Existing SB Ramps to be Removed*

*Phasing to be Determined by Construction Start Date



PROJECT OVERVIEW: **Contract 13933N** involves reconstruction of the I-93 SB mainline bridges over NH Route 111 and NH Route 111A at Exit 3 in Windham. The contract was awarded to E. D. Swett, Inc. of Concord, NH on January 11, 2012 for a bid price of \$11.5M. Because SB traffic is currently on the new future NB mainline, it is possible to accomplish work out of traffic, minimizing impacts to the traveling public. The new SB bridges are being constructed adjacent and look similar to the recently completed NB bridges over NH 111 and NH 111A. The two previously existing SB bridges were determined to be structurally deficient and were designated as "Red List" bridges. These bridges have been torn down to make room for the new bridges currently under construction. This is the third of five projects required to complete highway improvements in the Exit 3 area. **The project is anticipated to be completed by September 2013.** The total construction cost of the project is estimated to be \$12.1M.



SB Bridge over Route 111A, Slab Steel Reinforcement December 2012 - 70% Complete



SB Bridge Piers over Route 111 December 2012 - 45% Complete



SB Bridge over Route 111A, with Deck Panels Installed



SB Bridge Piers over Route 111, Northern Abutment



**CONTRACT 13933I - EXIT 3 SB MAINLINE,
SB ON-RAMP AND NH ROUTE 111**

This contract will reconstruct and widen 2.9 miles of south-bound I-93 mainline in Windham in the Exit 3 area, relocate 1.25 miles of NH Route 111 and construct a new SB on-ramp. This is the fourth of five projects required to complete highway improvements in the Exit 3 area.

This contract was awarded to R. S. Audley, Inc. of Bow NH with a low bid of \$33M. During the end of 2012, tree cutting along the relocated Route 111 and drainage installation near the intersection of the SB off-ramp and Route 111 will occur. Heavy construction will commence with the spring 2013 construction season.

The project will take three years to complete at an estimated total cost of \$35.1M.

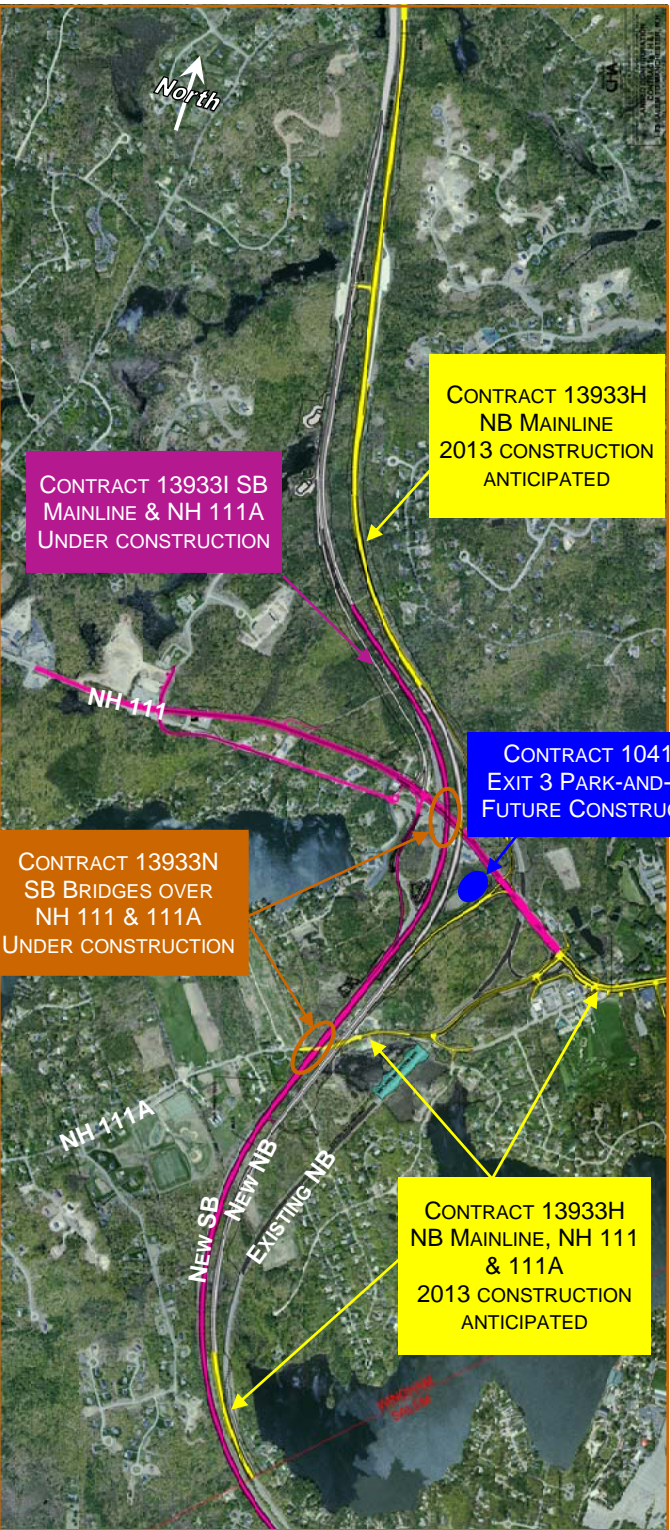
**CONTRACT 13933H - EXIT 3 AREA - NB MAINLINE
NH 111A AND NB ON/OFF RAMP**

This contract will reconstruct and widen 2.17 miles of NB I-93 mainline in Windham, mostly north of Exit 3, and reconstruct portions of NH Routes 111 and 111A and NB on/off ramps. **The project is anticipated to go to bid in the early summer of 2013**, and take three years to complete at an estimated total cost of \$39.9M. This is the fifth of five projects required to complete highway improvements in the Exit 3 area and will tie together all of the previous projects in this area.

All Exit 3 highway work is scheduled for completion during the 2016 construction season.

CONTRACT 10418H - EXIT 3 AREA PARK-AND-RIDE

This contract will reconstruct a Park-and-Ride Facility within the existing State Right-of-Way in the existing NB on-ramp loop area. Because of its location, all roadway construction at Exit 3 must be complete prior to the PNR being constructed. Therefore, **this project is not anticipated to advertise before 2015.**



EXIT 3 AREA CONSTRUCTION

Contract 13933D involves the **reconstruction and widening of NB and SB I-93 mainline** in Salem in the vicinity of Exit 1 to just south of Exit 2, **replacement of the NB and SB I-93 bridges over Lowell Road**, and **reconstruction of the Exit 1 NB and SB Ramps**. This project will tie into the previously completed 13933C project which improved the Exit 1 Ramps and Bridges.

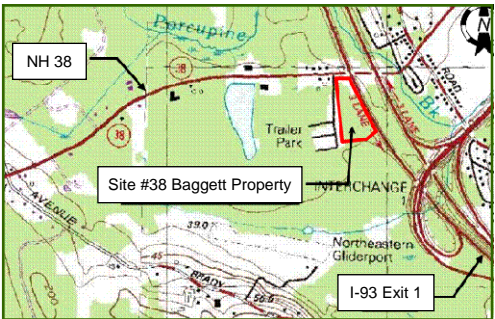
Also included is approximately 1,600 linear feet of **sound wall** along the SB mainline in the vicinity of Lowell Road, and construction of the **Baggett Wetlands Mitigation Site**.

The project was awarded in November 2010 to Middlesex Corporation of Littleton, MA with a low bid of \$30.6M. Work began in the spring of 2011 and is expected to be complete by early summer, 2013. **The project is approximately 81% complete.**

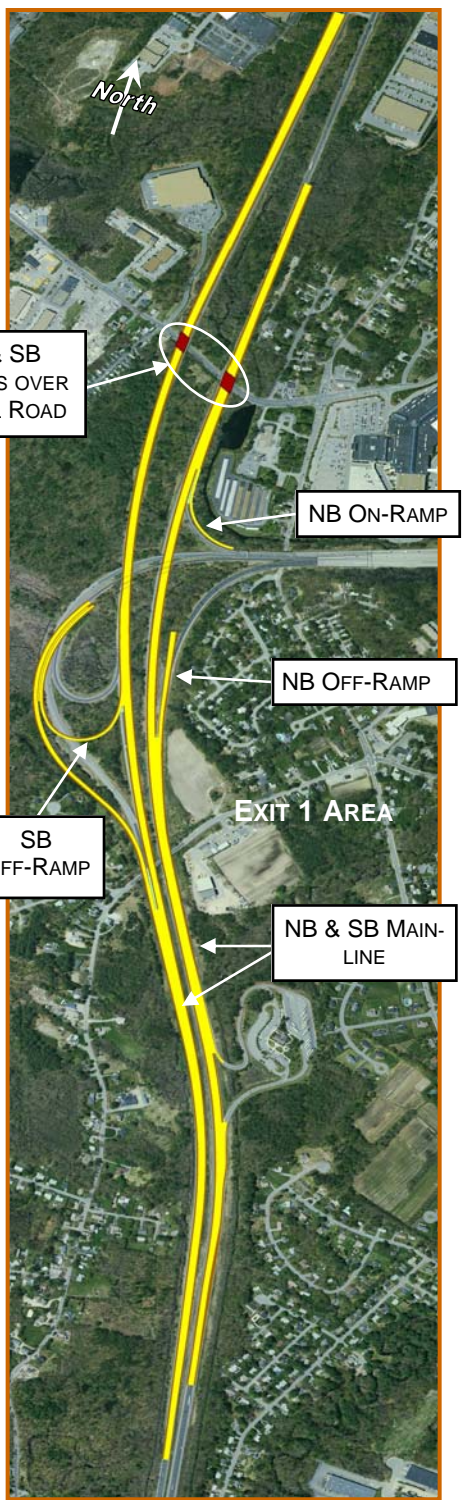
Construction of this project will be accomplished in multiple phases. The current NB lane configuration, three lanes transitioning to two lanes just north of the Exit 1 off-ramp, will be in place throughout the winter. Traffic is being gradually shifted onto the newly constructed portions of roadway. This will provide a new work area for the next stage of construction. Once completed, this project will extend the three-lane section north beyond the influence of the Exit 1 northbound on-ramp.



Exit 1 On- and Off-Ramps & Mainline Lanes, December 2012



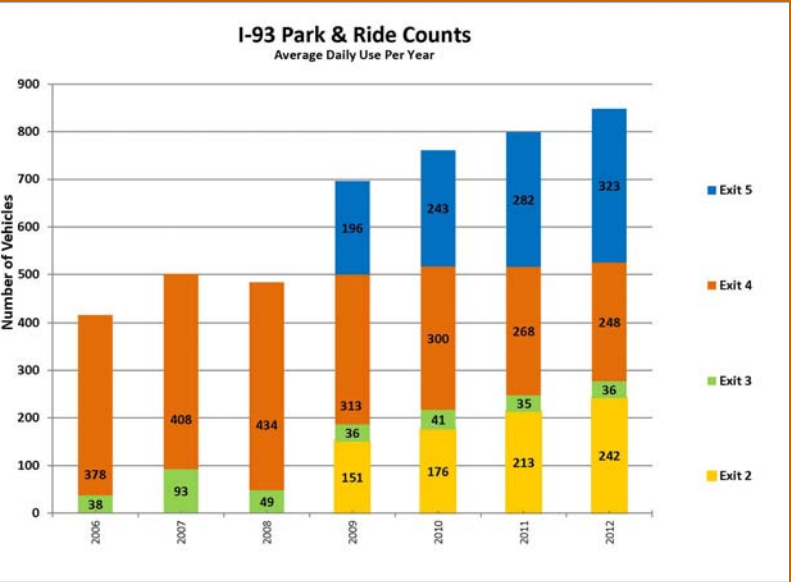
WETLAND MITIGATION: Contract 13933D includes the creation of the **Baggett Wetland Mitigation Site** located off NH 38 (Lowell Road) in Salem. The six-acre site will provide critical flood storage and preserve wildlife habitat.



CONTRACT 13933D ~ EXIT 1 AREA

BUS RIDERSHIP AND PARK-AND-RIDE USAGE

Since the beginning of the I-93 reconstruction in 2006, the use of park-and-ride facilities in the corridor has more than doubled. Currently, an average of 850 vehicles use the I-93 corridor park-and-ride facilities on any given day. Furthermore, monthly bus ridership has increased by 56% since 2009 to an average of 27,700 passengers per month. Consequently, the use of bus service and park-and-ride facilities has reduced the peak weekday commuter traffic along the busiest sections of I-93 by more than 5%.

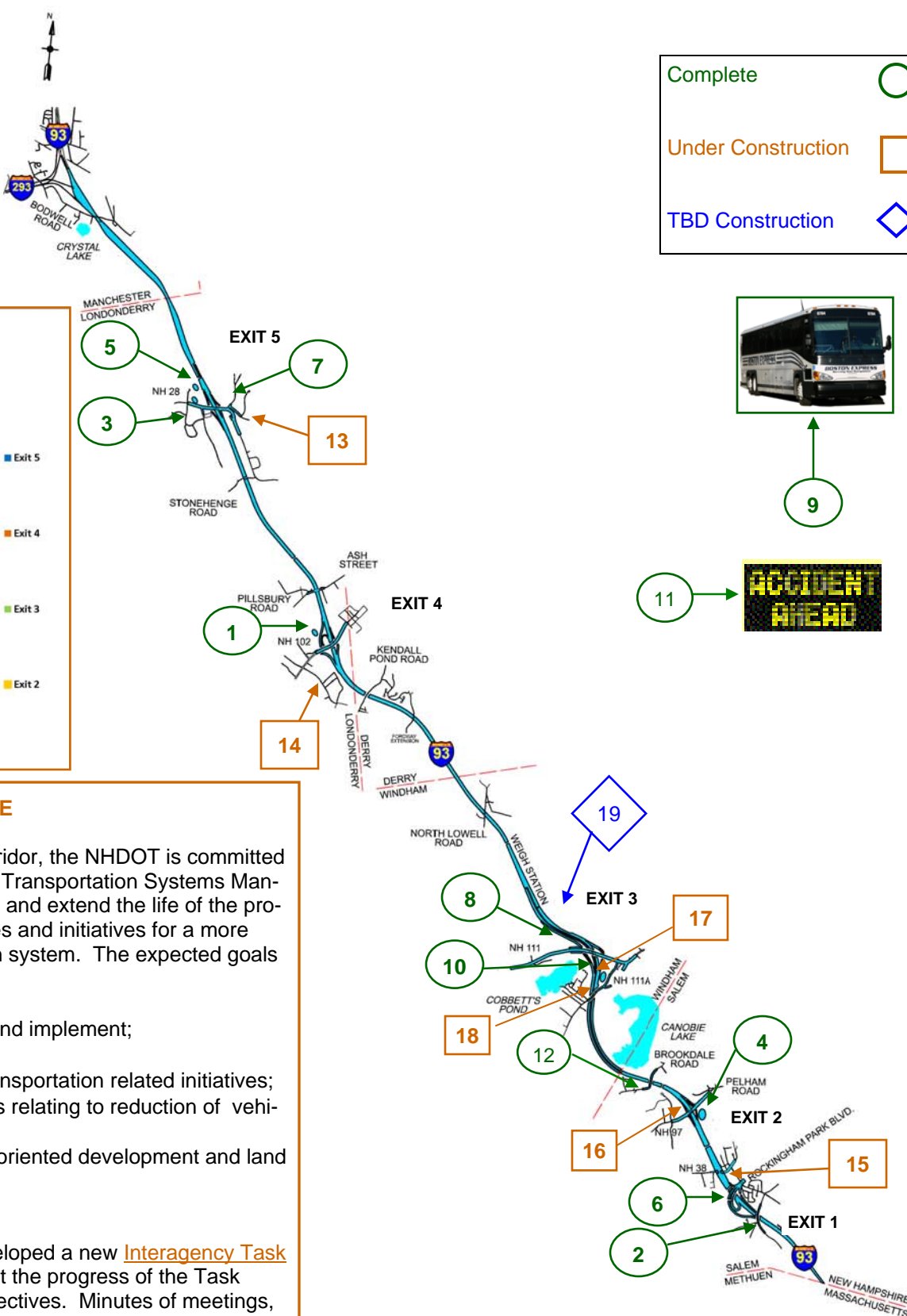


INTERAGENCY TASK FORCE

As part of the overall transportation strategy for the I-93 Corridor, the NHDOT is committed to utilizing Transportation Demand Management (TDM) and Transportation Systems Management (TSM) measures to manage travel demand on I-93 and extend the life of the project. The Interagency Task Force will help develop measures and initiatives for a more economically and environmentally sustainable transportation system. The expected goals and objectives of the Task Force are to:

- Identify appropriate strategies and initiatives to pursue and implement;
- Determine policy and propose legislation;
- Facilitate cross-agency planning and coordination on transportation related initiatives;
- Advance the NH climate action plan goals and strategies relating to reduction of vehicle miles traveled (VMT);
- Assist with local and regional planning efforts on transit oriented development and land use; and
- Promote and support multi-modal alternatives.

The New Hampshire Department of Transportation has developed a new Interagency Task Force webpage on the RebuildingI93.com website to present the progress of the Task Force as it works to meeting the above stated goals and objectives. Minutes of meetings, the membership roster and other relevant documents can be accessed through the new webpage.



I-93 PROJECT SUMMARY OF PROJECTS TO DATE					
	Status	Project Description	Contract Number	Constructed To/From	Cost (M)
1	Complete	Exit 4 Bus Terminal/PNR	10418M	01/06 - 05/07	\$1.4
2	Complete	Cross Street Bridge	13933B	11/06 - 10/08	\$6.9
3	Complete	Exit 5 PNR/Rockingham Road	10418I	12/06 - 10/08	\$7.8
4	Complete	Exit 2 Bus Terminal/PNR	10418G	03/07 - 10/08	\$7.1
5	Complete	Exit 5 Bus Terminal/Maintenance Facility	10418N	08/07 - 10/08	\$7.2
6	Complete	Exit 1 Ramps & Bridges	13933C	09/07 - 10/09	\$24.7
7	Complete	Exit 5 Ramps & Bridges	14633E	07/08 - 05/10	\$15.8
8	Complete	Exit 3 SB Off-Ramp & NB Bridges	13933K	09/08 - 11/10	\$27.6
9	Complete	Bus Procurement - Operation Costs for Expanded Service	10418L	Service Began 11/08	\$12.5
10	Complete	Exit 3 NB Mainline	13933G	05/09 - 04/12	\$30.7
11	Complete	Phase I Intelligent Transportation Systems (ITS)	10418Z	11/09 - 11/11	\$4.4
12	Complete	Brookdale Road Bridge	13933F	06/10 - 07/12	\$5.1
13	In Progress	Exit 5/Route 28 Interchange	14633F	03/11 - 07/14	\$37.3
14	In Progress	South Road Mitigation	10418F	03/11 - 07/14	\$1.3
15	In Progress	Exit 1 Area, NB & SB Mainline	13933D	03/11 - 09/13	\$32.7
16	In Progress	Exit 2 Interchange Reconstruction	13933E	07/12 - 10/15	\$43.6
17	In Progress	Exit 3 SB Bridges over Routes 111 & 111A	13933N	03/12 - 11/13	\$12.1
18	In Progress	Exit 3 - SB Mainline, SB On-Ramp & NH 111	13933I	10/12 - 10/16	\$35.1
19	Anticipated 2013	Exit 3 NB Mainline, NH Routes 111 & 111A	13933H	06/13 - 06/16	\$39.9

Completed to date: \$151.2M

In progress: \$162.1M

2013: \$39.9M

Total: \$353.2M

Future Capacity Improvements (2014 - 2020) \$250.0M

