

EXIT 2 INTERCHANGE RECONSTRUCTION

CONSTRUCTION
COMPLETE

Contract 13933E finalized the reconstruction of Exit 2. This project marked several milestones, including:

- Completion of three travel lanes on I-93 NB and SB from the MA state line northerly to north of the Windham/Salem town line.
- Replacement of the two bridges carrying I-93 over Pelham Road. These last “Red Listed” bridges on the I-93 corridor between Salem and Manchester were taken out of service in December 2014. The new bridges were built to accommodate an eight-lane typical section through the interchange which has significantly improved the flow of traffic in the Exit 2 area.
- Reconstructed and widened Pelham Road between Stiles/Manor Parkway and Policy Street.



CORRIDOR NEWS

I-93 Construction News and Highlights

Summer/2016 ~ Issue No. 17

~ I-93 Improvements ~ *Moving Ahead* ~

I-93 Continues to Move towards Completion in 2020

There has already been great progress in 2016 including the completion of two major projects. The Exit 2 Area (Contract 13933E) was completed in March and the Southbound Exit 3 ramps including NH Route 111 to the west of Exit 3 (the 13933I project) was completed in June 2016. The last major road contract in the Exit 3 area (the 13933H Contract) is on track for completion in the fall of 2016 to complete the road work for Exit 3. These three projects alone constitute more than \$110M in work and reconfigure two of the busiest interchanges on I-93.

Advancing the few remaining projects, mostly north of Exit 3, starts this year. Over the past few years NHDOT has worked to secure financing for some of the remaining I-93 projects. With the passing of Senate Bill 367 in May of 2014, New Hampshire secured long term funding for the I-93 Salem to Manchester corridor. To accelerate the remaining construction, NHDOT and the State of NH Treasurer have worked with the Federal Highway Administration (FHWA) to obtain a very low interest rate Transportation Infrastructure Finance and Innovation Act (TIFIA) loan. In late May 2016, approval was received for the \$200M TIFIA loan. This long-term, low interest federal loan will allow the State to complete the remaining construction of Interstate 93 by the end of 2020, fix 23 Red List bridges across the state and pave nearly 1,100 additional miles of State roads. Below is an overview of the projects that will be moving ahead in 2016.

Contract 14633H - North of Exit 5 to the I-293 Interchange - started construction in June 2016. At a cost of \$48.8M this project is anticipated to be complete in the fall of 2019.

Contract 14633I - Exit 4 to Exit 5 - is anticipated to advertise for bidding in 2016. With a projected construction start in the spring of 2017, this \$34.7M project has an anticipated completion date in the fall of 2020.

Contract 14633D - Exit 4 Area - is anticipated to advertise for bidding in 2016. With a projected construction start in the spring of 2017, this \$67.3M project has an anticipated completion date in the fall of 2020.

Contract 14633B - Weigh Station to Kendall Pond Road - started construction in March 2016. At a cost of \$54.4M this project is anticipated to be complete in the fall of 2019.

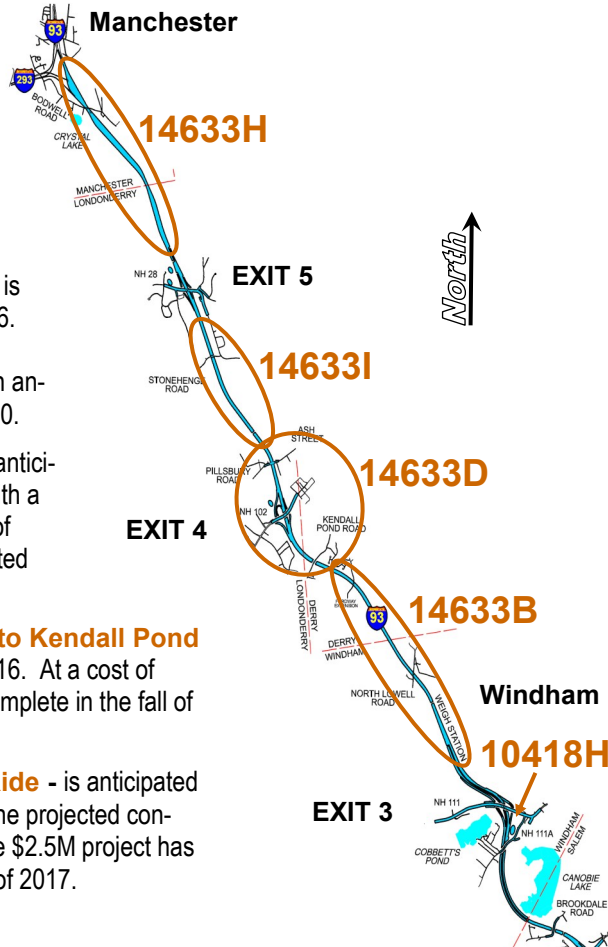
Contract 10418H - Exit 3 Park & Ride - is anticipated to advertise for bidding in late summer. The projected construction start is in the spring of 2017. The \$2.5M project has an anticipated completion date in the fall of 2017.

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NB & SB
MAINLINE
WIDENING
WEIGH STATION TO
KENDALL POND
ROAD

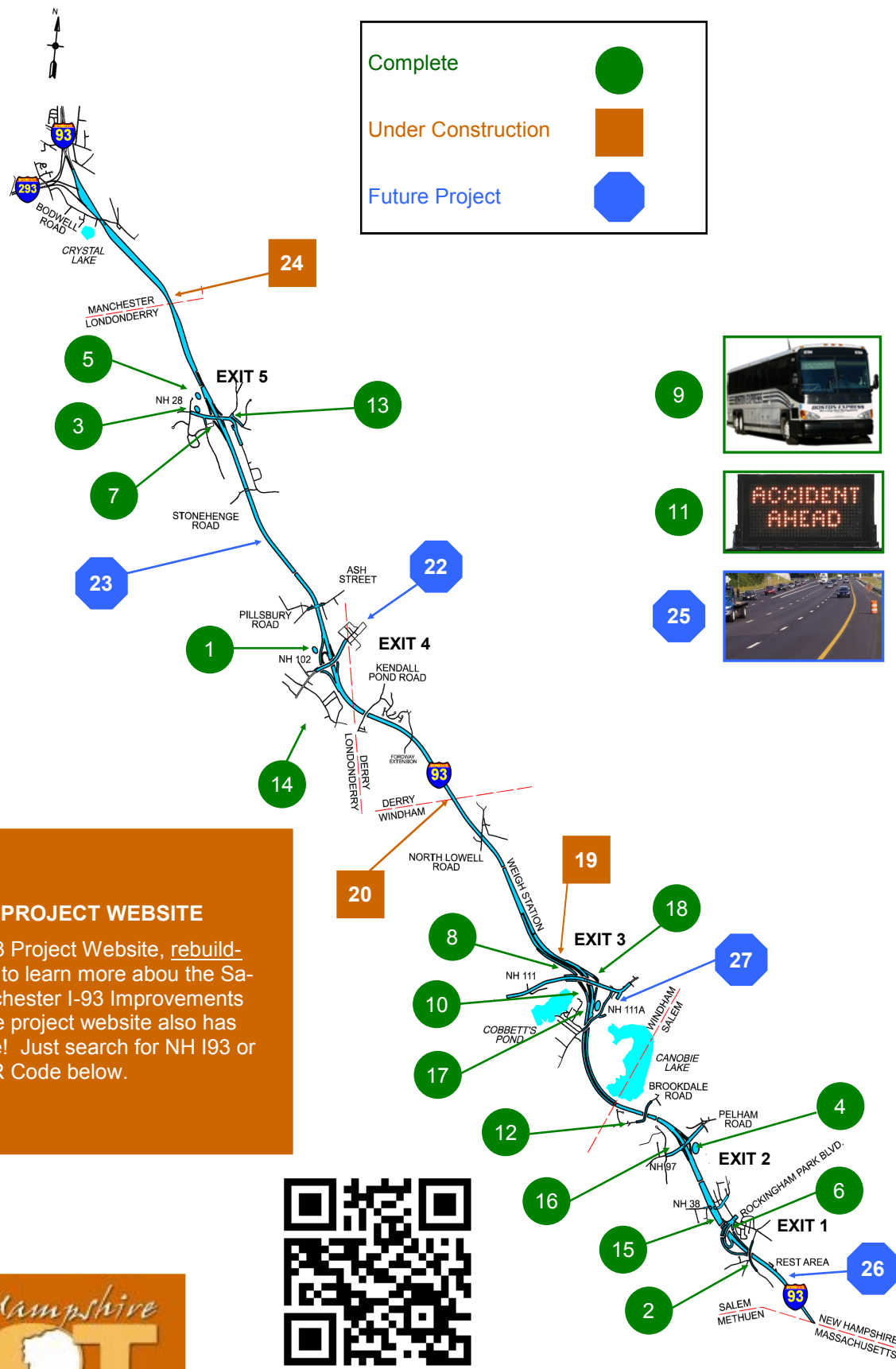
Contract 14633B will re-construct and widen approximately 3.5 miles of both the NB and SB lanes of I-93 from approximately the weigh stations north to the Kendall Pond Road bridges. Four bridges, 2 carrying I-93 NB & SB over North Lowell Road and 2 carrying I-93 NB & SB over Fordway Extension, will be widened to accommodate this work. This contract was awarded to R.S. Audley, Inc. in February of 2016. With construction started in March of 2016, it is estimated that this \$54.4M project will be complete in the fall of 2019.



The Contractor started work this spring with the clearing of trees and the installation of erosion control measures, followed by the placement of embankment. Blasting for rock excavation also began; this blasted rock is being crushed to create gravel/select materials needed for the project. Work has begun with the widening of the east side of the I-93 NB barrel which will allow for shifting of traffic to facilitate future phases of construction.


Widening/paving on the east side of NB I-93 will be completed to allow traffic shifts. Work will then shift to the west side of I-93 NB. Bridge work will begin at North Lowell Road and Fordway Extension. Drainage and construction of water quality detention basins will continue.

I-93 PROJECT SUMMARY OF PROJECTS TO DATE					
	Status	Project Description	Contract Number	Constructed To/From	Cost (M)
1	Complete	Exit 4 Bus Terminal/Park-and-Ride	10418M	01/06 - 05/07	\$1.4
2	Complete	Cross Street Bridge	13933B	11/06 - 10/08	\$6.9
3	Complete	Exit 5 Park-and-Ride/Rockingham Road	10418I	12/06 - 10/08	\$7.7
4	Complete	Exit 2 Bus Terminal/Park-and-Ride	10418G	03/07 - 10/08	\$7.1
5	Complete	Exit 5 Bus Terminal/Maintenance Facility	10418N	08/07 - 10/08	\$6.5
6	Complete	Exit 1 Ramps & Bridges	13933C	09/07 - 10/09	\$24.1
7	Complete	Exit 5 Ramps & Bridges	14633E	07/08 - 05/10	\$14.8
8	Complete	Exit 3 SB Off-Ramp & NB Bridges	13933K	09/08 - 11/10	\$26.7
9	Complete	Bus Procurement -Operation for Expanded Service	10418L	Service Began 11/08	\$19.3
10	Complete	Exit 3 NB Mainline	13933G	05/09 - 04/12	\$30.8
11	Complete	Phase I Intelligent Transportation Systems (ITS)	10418Z	11/09 - 11/11	\$4.5
12	Complete	Brookdale Road Bridge	13933F	06/10 - 07/12	\$5.1
13	Complete	Exit 5/Route 28 Interchange	14633F	03/11 - 08/14	\$35.6
14	Complete	South Road Mitigation	10418F	03/11 - 08/14	\$1.3
15	Complete	Exit 1 Area, NB & SB Mainline	13933D	03/11 - 08/13	\$32.6
16	Complete	Exit 2 Interchange Reconstruction	13933E	07/12—09/15	\$43.6
17	Complete	Exit 3 SB Bridges over Routes 111 & 111A	13933N	03/12 - 09/13	\$11.4
18	Complete	Exit 3 — SB Mainline, SB On-Ramp & NH 111	13933I	10/12 - 06/16	\$35.1
Completed Construction subtotal:					\$314.5
19	In Progress	Exit 3 NB Mainline, NH Route 111A	13933H	11/13 - 06/16	\$34.9
20	In Progress	NB & SB Mainline between Exit 3 & 4	14633B	2016-2019	\$54.4
24	In Progress	NB & SB Mainline North of Exit 5	14633H	2016-2019	\$48.8
Under Construction subtotal:					\$138.1
21		This project has been incorporated into 14633D	14633C		
22	Future	NB & SB Mainline, Ramps & NH 102 Br. at Exit 4	14633D	2017-2020	\$67.3
23	Future	NB & SB Mainline between Exit 4 & 5	14633I	2017-2019	\$34.7
25	Future	Future Corridor Paving	14633J	2018-2020	\$10.5
26	Future	NB & SB Mainline South of Exit 1	13933A	2018-2020	\$13.2
27	Future	Exit 3 Park-and-Ride	10418H	2016-2017	\$2.5
Future Projects subtotal:					\$128.2
Total Construction Cost:					\$580.8




I-93 PROJECT WEBSITE
Visit the I-93 Project Website, rebuildingi93.com, to learn more about the Salem to Manchester I-93 Improvements project. The project website also has gone mobile! Just search for NH I93 or scan the QR Code below.

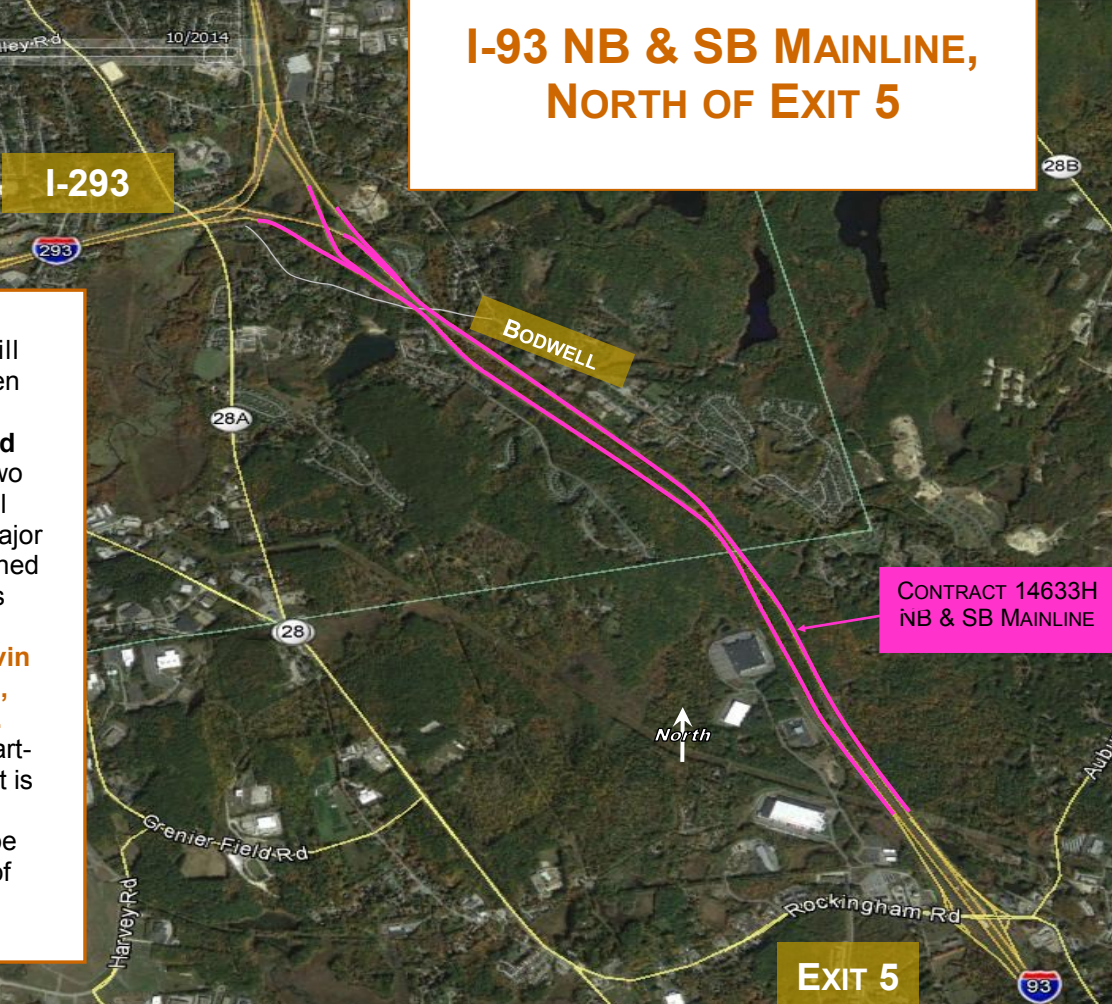




Completed Work Blooms on I-93!

As construction progresses on a project, the contractors grade the slopes and seed to establish vegetation which helps prevent erosion of the soil. The NHDOT seeds slopes with a wildflower mix as a customary practice. This beautification shines at Exits 2, 3 and 5 along the I-93 Corridor. The results of these seed mixes can be seen this spring as motorists pass through the area.





I-93 NB & SB MAINLINE, NORTH OF EXIT 5

Contract 14633H will reconstruct and widen approximately **three miles of the NB and SB lanes of I-93**. Two bridges over Bodwell Road and several major culverts will be widened to accommodate this work. **This contract was awarded to Alvin J. Coleman & Sons, Inc. in May of 2016.** With construction started in June of 2016, it is estimated that this \$48.8M project will be complete in the fall of 2019.

CONTRACT 14633H NB & SB MAINLINE

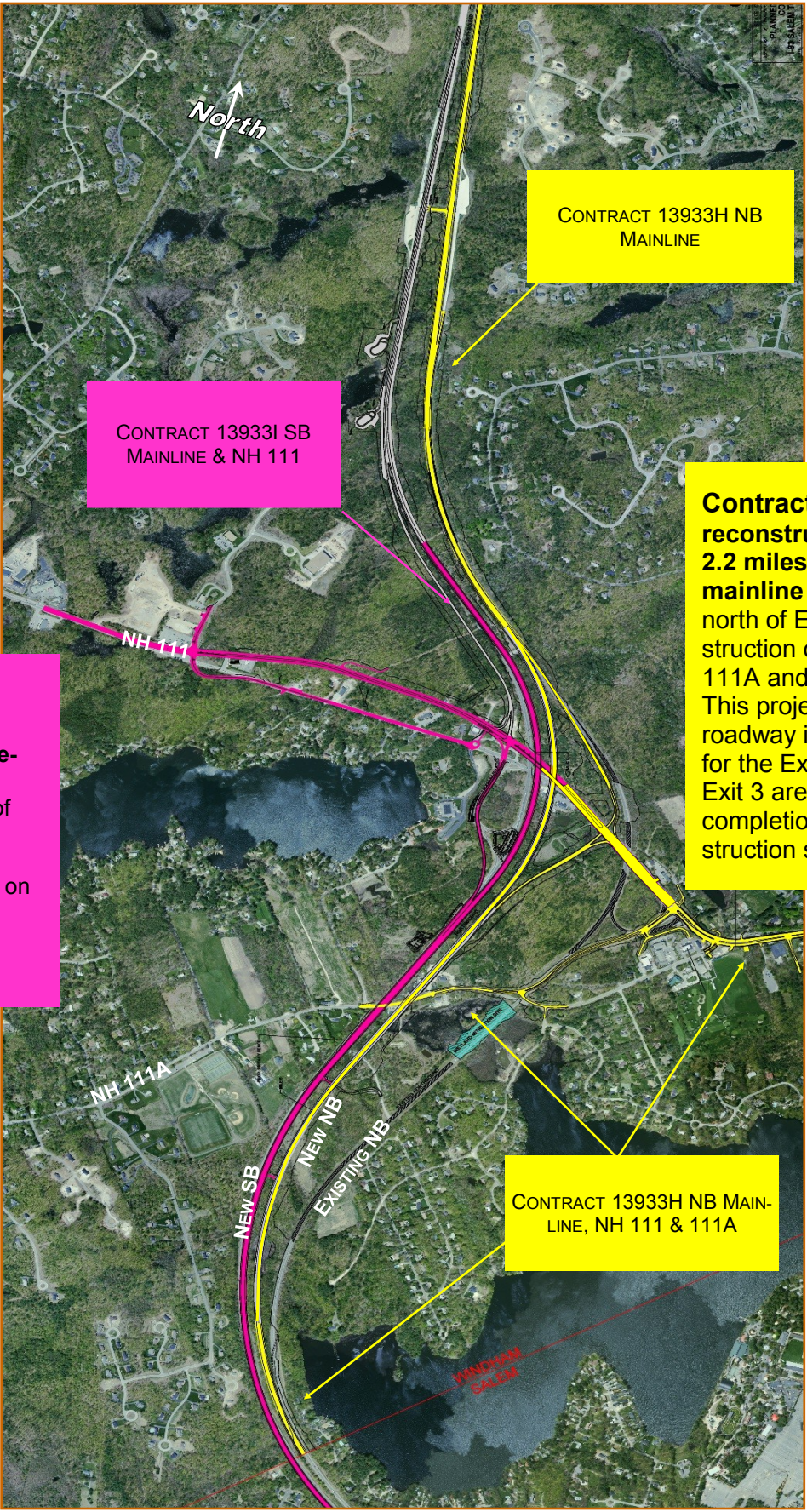
EXIT 3 SB MAINLINE, SB ON-RAMP
AND NH ROUTE 111



NEW SECTIONS OF NH 111
(ABOVE & BELOW)

Contract 13933I was completed in June 2016. It involved the **reconstruction and widening of 2.9 miles of SB I-93 mainline in Windham** in the vicinity of Exit 3, and relocation of 1.25 miles of NH Route 111 and construction of a new SB on-ramp.

This \$35.1M project was awarded to R. S. Audley, Inc. of Bow, NH on September 13, 2012.



CONTRACT 13933H NB MAINLINE, NH 111 & 111A

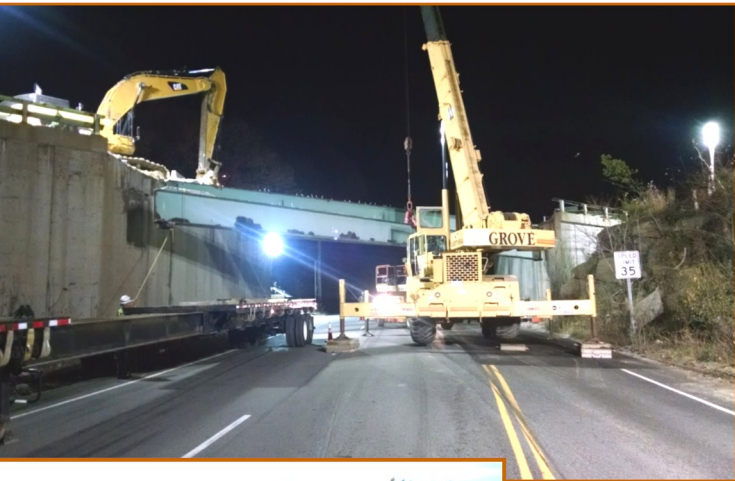
I-93 EXIT 3 AREA, I-93 NB MAINLINE,
NH 111, NH 111A & NB ON/OFF RAMP

SECTION OF
NEW
NH 111A



Contract 13933H involves the **reconstruction and widening of 2.2 miles of Northbound I-93 mainline in Windham**, mostly north of Exit 3, and the reconstruction of NH Routes 111 and 111A and NB on & off ramps. This project will complete the roadway improvements planned for the Exit 3 area. All work in the Exit 3 area is on schedule for completion during the 2016 construction season.

NIGHT WORK TO REMOVE THE OLD
I-93 NB BRIDGE OVER NH 111



NEW
DETENTION
BASIN NORTH
OF EXIT 3
AFTER STORM

