



Lebanon I-89 Exit 20 /NH Route 12a Widening Project

Spring 2010 Project Updates/Facts and Figures

PROJECT DESCRIPTION:

The project involves the reconstruction and widening of Route 12a from 5 lanes to 7 lanes at I-89 exit 20. The work on 12a begins at the Mascoma River bridge and extends just beyond Airport Road and involves; road widening, median islands, drainage, 4 new intersection signal systems, pavement overlay, signs and pavement markings. The project also involves the construction of a new plaza connector road that will connect the Upper Valley and K-Mart plazas, which includes the construction of an underpass under I-89. The purpose of the project is to help improve traffic flow on Route 12a.

HOW WILL THIS BE ACHIEVED ?

In order to make room for the actual widening of Route 12a, the interstate bridges will be demolished and new longer bridges will be built. I-89 traffic will be maintained by using phased construction and the shifting of lanes on both the north and southbound barrels. Both the high and low speed lanes will be open at all times except for operational closures during low traffic volumes as permitted. The plaza connector bridges will also be constructed using lane shifts coordinated with the 12a bridge construction phasing.

Due to the heavy daytime traffic volumes and congestion, much of the work involved in the widening of Route 12a will be done at night. Work on 12a that does not require a lane closure will be done during the day.

ADDITIONAL PROJECT WORK INCLUDES:

- Relocation of the water main on 12a
- Removal of old pavement piles and construction debris behind the K-Mart Plaza
- New sidewalks on both sides of Route 12a
- K-Mart and Upper Valley plaza road upgrades
- Widen and realign both northbound and southbound on and off ramps.
- Various tree plantings and landscaping
- The creation of several highway runoff detention ponds

(additional information on back)

CONSTRUCTION SCHEDULE

2010 Season

- The I-89 northbound bridge will be widened and the southbound traffic will shift onto it. The existing southbound bridge will be demolished and a new longer bridge will be built.
- Preliminary 12a work begins. Aerial utilities and private business signs will be relocated and existing oil and gas tanks within the widening will be removed or relocated.
- Some of the new drainage system will be constructed on 12a.
- The water main relocation on 12a will begin in late April.
- Trees will be planted behind K-mart where old pavement piles have already been removed.
- The southbound off ramp traffic will shift over the first section of the plaza underpass.

2011 Season

- I-89 traffic will shift onto the new southbound bridge and the northbound bridge will be built and the plaza connector underpass construction continues.
- The actual widening and reconstruction of 12a will be built including; sidewalks, roadway widening, remaining drainage, new signal systems at the 4 intersections, curbed islands and landscaping.
- The K-Mart and Upper Valley Plazas connector road upgrades will likely be completed in 2011, however, could be built anytime between 2010 and 2012.

2012 Season

- Complete the remaining work from the 2011 season and pave final wearing courses on I-89, interstate access ramps and Route 12a by the end of summer.

TRAFFIC IMPACTS

Lane closures on Route 12a will occur at night from 6:00 pm to 6:00 am. The I-89 ramps may be closed one at a time for construction purposes on a limited basis from 8:00 pm to 6:00 am. During bridge removal and erection of new structural steel traffic of the I-89 bridges over 12a, traffic will be shut down for 15 minutes at a time, between the hours of 11:00 pm and 5:00 am. For these types of anticipated traffic operations the public will be provided advance notice by the use of roadway message boards and press releases. Detours signs will also be set up as needed.

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