

FACT SHEET

Concord 41704, I-89 Bridge Painting

Proposed work: The Department proposes with a low-bid contract to paint four state-owned steel beam bridges along a half-mile stretch of Interstate 89 between Exits 2 and 3 in Concord, located at Turkey Pond and Stickney Hill Road. See Location Maps (attached). The work requires a lane closure on I-89 NB at Turkey Pond, and a lane closure on the Stickney Hill Road off-ramp at Exit 3, as well as environmental protection and compliance with lead-bearing paint (LBP) removal regulations.

Bridges: The four bridges are paired at two NB/SB sites. The bridges are located at Turkey Pond (photo 1, 2), three spans 240-foot long, and at Stickney Hill Road (photo 5), one span 45 feet long. Repainting will include all the steel beams on these bridges.

Time Frame: The project is scheduled to advertise in Sept 2018. The date of completion is mid 2019, the work assumed to be performed in 2019. Lane closures are limited to 8 weeks at Turkey Pond and 4 weeks at Stickney Hill.

Work zone: At Turkey Pond support equipment and work activities will operate from behind concrete barrier in a temporary lane-closure work-zone in the I-89 NB deceleration lane (photo 2) at Exit 3. See examples (photos 3 & 4). The work at Stickney Hill will be performed from a lane-closure under I-89 on the Exit 3 Off-ramp while maintaining a minimum 12-ft travel lane with the use of delineation barrels and cones. See example (photo 6).

Traffic Impacts:

- The work at Turkey Pond will maintain the high-volume I-89 traffic on two through lanes. The Contractor’s work zone will be protected with temporary concrete barrier on the NB deceleration lane. The project will have minor I-89 impacts for low-volume traffic exiting at Exit 3.
- On the Stickney Hill roadway a lane closure work zone will remain in place 24/7 using truck-mounted rapid deployment methods (photo 6) while maintaining one 12-foot lane of traffic. The lanes will be switched to complete the other half of the bridges.
- Traffic at each bridge will be maintained for that site, as directed, using an appropriate combination of traffic control devices, signs, warning devices, delineators, and uniformed officers with vehicles.
- The pedestrian footpath (photo 1) will be closed during the work.

Right of Way: All proposed work will be performed within the State’s ROW.

Containment: All lead-bearing paint chips, abrasive debris, and dust generated during paint removal operations will be contained and collected within airtight, sealed enclosures to protect the environment, the public, and adjacent properties (photos 3 & 6).

Work Hours: Work involving high noise machinery may only operate between 7:00 am and 7:00 pm daily, unless approved otherwise.

Painting: All steel bridge beams will be blast cleaned and repainted with three coats of a non-lead, high-performance paint used on many NH bridges. The finish color will be dark brown. Contractors are pre-qualified and certified for large industrial and lead-containing paint removal projects. All work is subject to Department quality assurance inspection and approval.

