



**Bridge Replacement Project –
North Main St. (Route 28) over MBTA and PanAm Railroad
Andover, MA**

Executive Summary
July 14th, 2017

MAS Building and Bridge, Inc. has been contracted by the Massachusetts Department of Transportation (MassDOT) to remove and replace the North Main Street (Rte. 28) Bridge over the MBTA / PanAm Railroad. The project value is approximately \$7,000,000 dollars and will involve the complete removal of the bridge decking superstructure and partial removal of both North and South abutment substructures. The bridge is one of the final few remaining on the MassDOT Accelerated Bridge Program.

The Project is divided into two phases to limit impact to town residents and commuters. Each phase will allow for a portion of the bridge to be removed and replaced, allowing pedestrians and vehicular traffic (one travel lane in each direction) to utilize the undisturbed portion of the bridge.

The utility work involving electrical, fiber optic, sewer, water, and gas relocations has been completed. This will allow bridge construction to commence. Please refer to the attached summary of Phase 1 activities that will be starting in the next few weeks and continue through the spring of 2018.

The second phase of work will begin in late Spring 2018 by transferring traffic to the new Southbound lane allowing the Northbound lane to be removed and replaced. The second phase of work will last through Late fall of 2018.

Once both phases are completed, the project will continue with final landscaping, guardrails, paving and striping through Spring of 2019. The final phase utility work restoring electrical and fiber optic utilities to their original configuration will continue into summer of 2019.

The Project Goals are to limit impact to abutters, motorists and pedestrians, complete the work on schedule and on Budget. Night and weekend work can be expected through various portions of the demolition and reconstruction in order to coordinate with the Railroad entities while working over the tracks.

If there are any questions, please contact the Massachusetts Department of Transportation Field Office: 978-475-4385.

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ANDOVER RT 28 BRIDGE RECONSTRUCTION – PHASE 1 SUMMARY SCHEDULE

<u>Activity</u>	<u>Timeline</u>	<u>Work Shift – Traffic Impacts</u>
Installation of Test Anchors in Crib Wall.	4th week of July – 1st week of August 2017	Nights 9 PM – 5 AM – No traffic impacts (work w/in RR right of way only)
Mobilize to Site and Install Phase 1 TMP (Barrier – Striping etc...)	2nd week of August 2017	Days 7 am – 3:30 PM. Traffic will be shifted to the Northbound lane leaving one lane of traffic in each direction through the work zone (see attached)
Begin Stage 1 Minipile Installation	Mid August – Mid September 2017	Days 7 am – 3:30 PM. Traffic will remain in the Phase 1 TMP, 1 or 2 Saturdays can be expected, 2 days of alternating traffic expected
Install Strongback	2 Weekends : Last week of Sept – Early October 2017.	No additional traffic impacts, Phase 1 TMP remains, (work w/in RR right of way)
Phase 1 Demolition	Preparation 3rd week of October. Bridge demolition to take place during the weekend of October 21st – 22nd (TBD)	Partial bridge closures to be coordinated. Remaining work w/in RR right of way.
Phase 1 North and South Abutment Construction	End of October through early December 2017	Days 7 am – 3:30 PM. Traffic will remain in the Phase 1 TMP
Crib Wall Anchor Installation	End of October through early December 2017	No additional traffic impacts Phase 1 TMP remains, (work w/in RR right of way),
Phase 1 Deck reconstruction	Early December 2017 – Spring 2018, *As weather permits	Days 7 am – 3:30 PM. Traffic will remain in the Phase 1 TMP