



ENGINEERING SUCCESS TOGETHER

## WEEKLY SUMMARY REPORT

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Clients: Newton & Needham DPW  
Contract: Central Ave/Elliot St Bridge  
Contractor: Aetna Bridge Company

Dates: 9/6/2016 to 9/9/2016  
Inspector(s) on site: JD/ND

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### WORK COMPLETED THIS WEEK

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- Pour arch saddle concrete lifts nos. 2 and 3 at abutments, and no. 2 at piers
- Install drainage structures and piping
- Because of the high pipe invert at catch basin CB-3 in Needham, an alternate roof slab and frame/grate with shallower depths is needed in order to obtain the required rim elevation.
- Excavations for catch basins CB-4 and CB-7 in Newton encountered a stone drainage culvert. Because of these obstructions and the ledge encountered while excavating for the nearby water quality unit WQ1 the previous week, an alternate drainage system design is being prepared that will avoid these obstructions.

### WORK ANTICIPATED FOR NEXT WEEK

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- Pour arch saddle concrete lift no. 3 at the piers
- Continue installing drainage structures and piping

### CONSTRUCTION SCHEDULE STATUS

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- Construction remains on schedule. The bridge is scheduled to re-open to vehicular traffic and to pedestrian traffic on the south sidewalk in mid-December. The contractor will return in the Spring of 2017 to complete the north sidewalk and punch list items.

PHOTOS

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Compacting Backfill around Drainage Structures, West Approach  
9/7/2016



Pouring Concrete Arch Saddle at East Abutment  
9/7/2016

**PHOTOS**

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Pouring Concrete Arch Saddle at Pier  
9/8/2016



Installing Burlap over Freshly Poured Concrete Arch Saddle at Pier  
9/8/2016