



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: 8/15/2016 to 8/19/2016  
Inspector(s) on site: JD & ND

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### WORK COMPLETED THIS WEEK

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- Excavation of the fill over the arches
- Formwork for the north spandrel wall
- Parging of the top surface of the arch joints
- Keystone repairs
- Cutting micro piles to cutoff elevations
- Changed condition encountered at bases of arches. No suitable concrete or stone foundation to attach lateral thrust anchors to. An alternate detail has been developed using concrete and reinforcing dowels. Aetna will be tracking time and costs related to this.
- Work at northwest wall halted because of lack of cohesion of soils on the excavation slope. Temporary excavation support will be installed next week to stabilize.

### WORK ANTICIPATED FOR NEXT WEEK

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- Crews will be working Saturday 8/19.
- Install excavation support for northwest wall excavation
- Complete excavation of fill over the arches
- Complete parging of the top surface of arch joints
- Continue installing formwork for the north spandrel wall
- Begin installing reinforcing steel for the arch saddle
- Install concrete thrust anchors at arch bases
- Begin installing drainage structures and piping

PHOTOS

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Cut-Off Piles at West Abutment  
8/15/2016



Cutting Off Piles at Pier  
8/15/2016

**PHOTOS**

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View of Arches Looking East  
8/16/2016



Cut Off Piles at East Abutment  
8/18/2016