Decatur WAY... Water, Art, and You

Lowell's Green Alley



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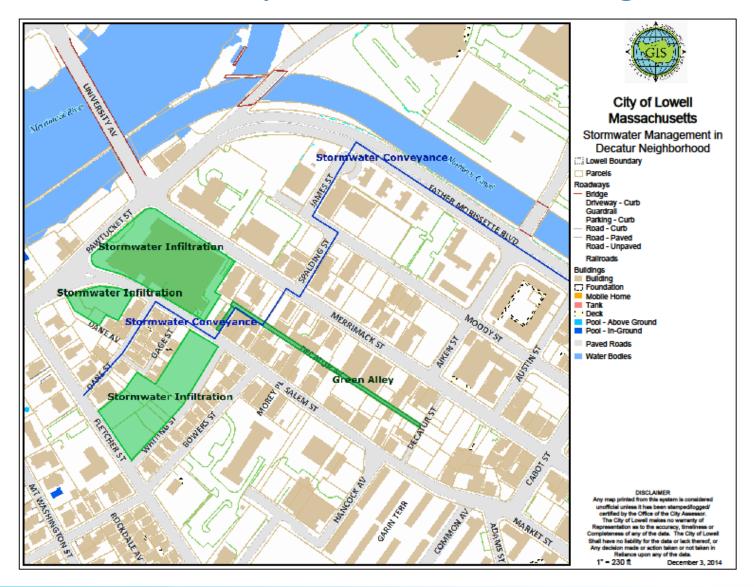








Stormwater Conveyance in Decatur Neighborhood

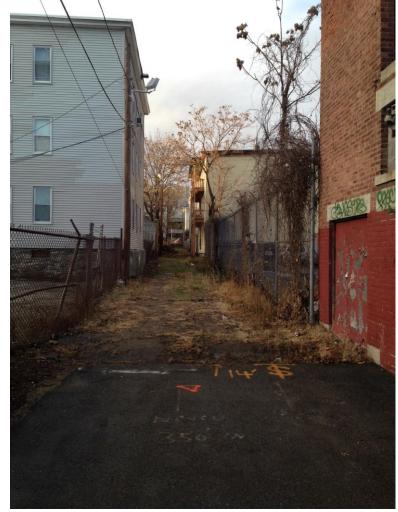




Before Photos









Porous Pavements

- Porous Asphalt
- Precast Interlocking Permeable Pavers
- Cast-in-Place Pervious Concrete
- Precast Pervious Concrete









Precast Pervious Concrete

PROS

- Formed in a controlled environment
- Cleaning/replacing panels easier than cast-in-place pervious concrete
- Different standard size panels are available

CONS

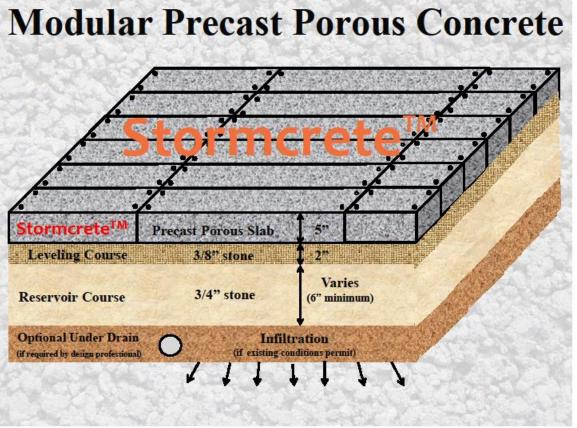
Potentially more expensive





Precast Pervious Concrete







Maintenance Requirements

- Inspect at least once per year to examine surface infiltration rates
- Vacuum as much as 2 to 4 times per year to remove solids and debris and keep voids open
- Power wash can be used to dislodge trapped particles
- Light salting during winter months is acceptable

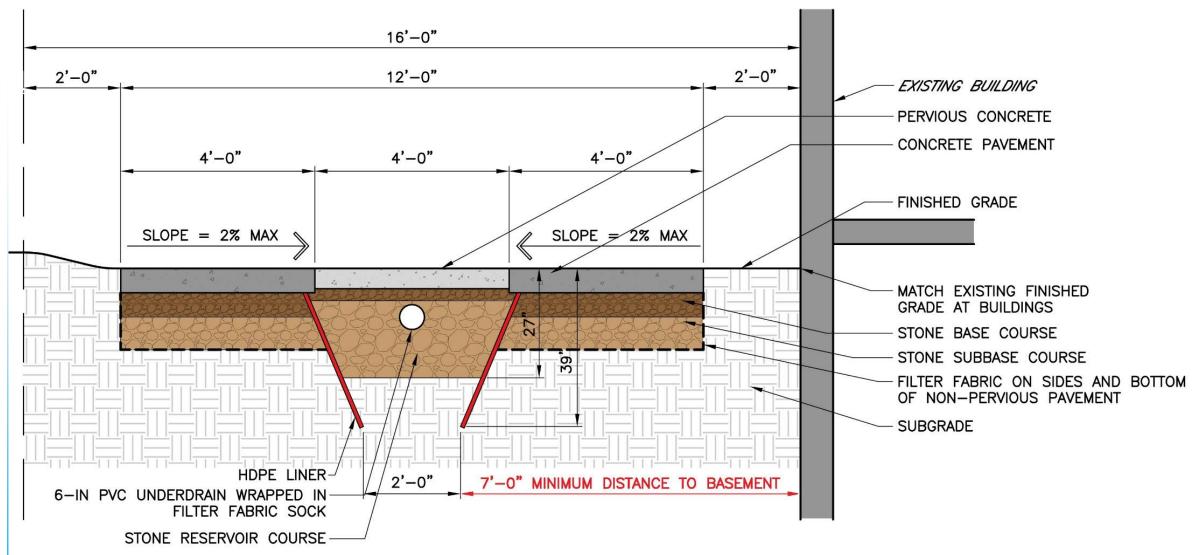








Typical Section



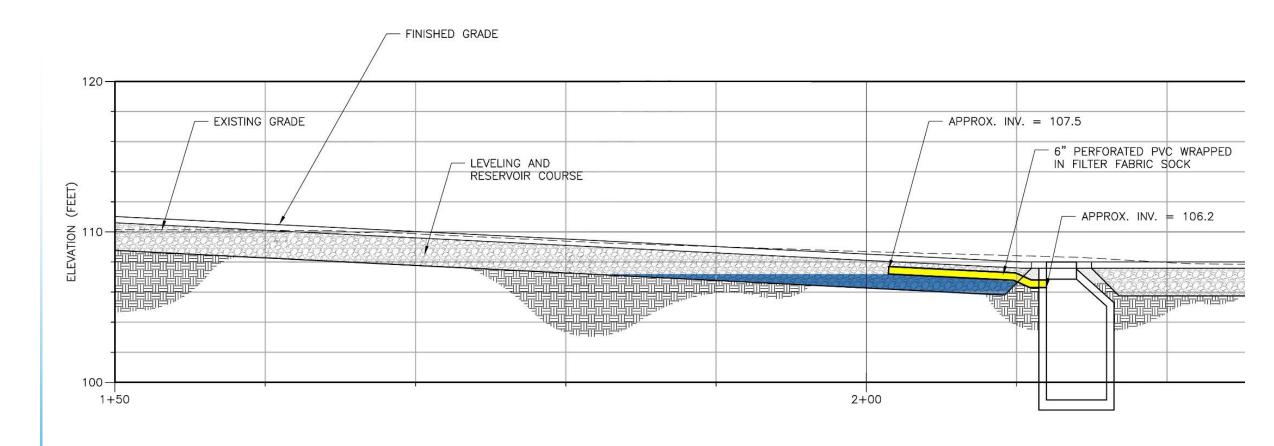
Before Photo and After Concept





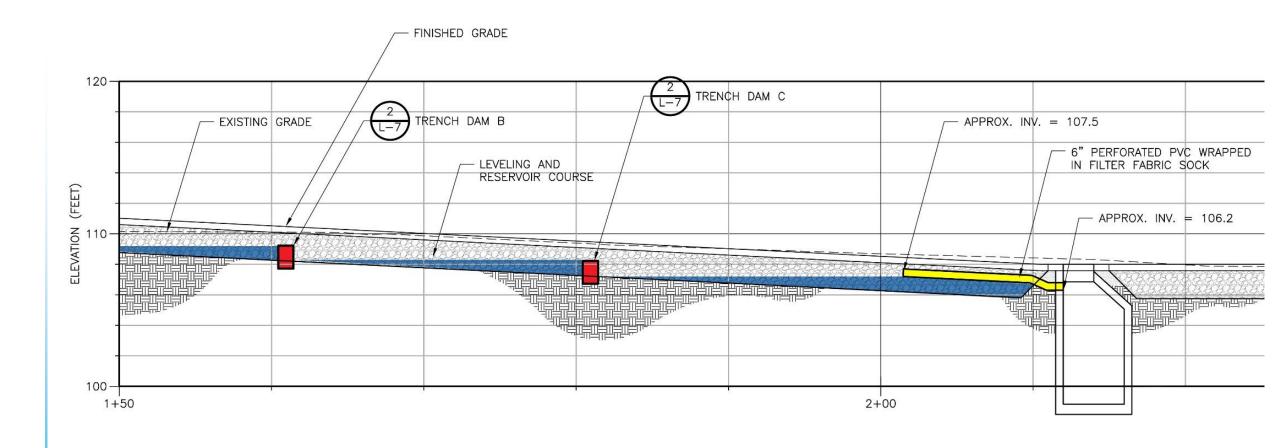


Reservoir without Impervious Dam





Reservoir with Impervious Dam





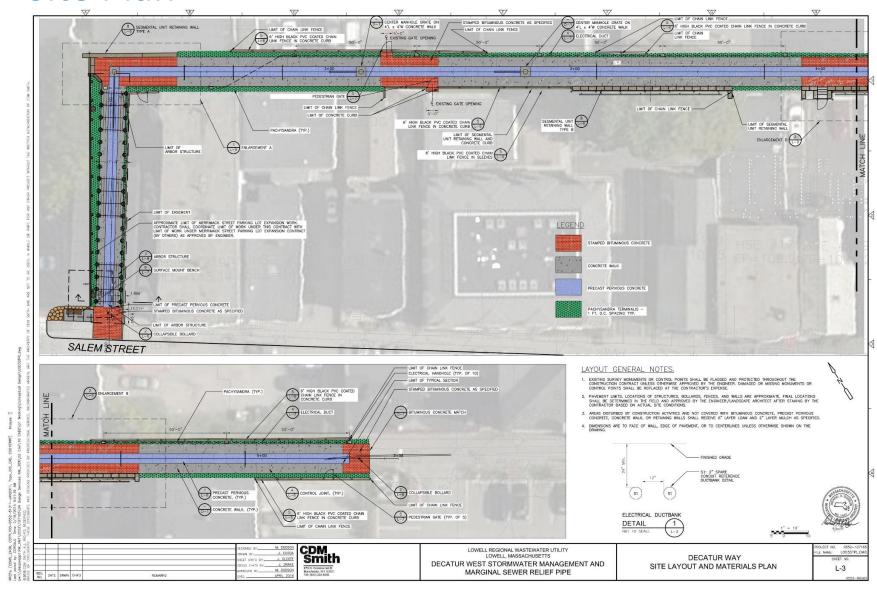
Construction





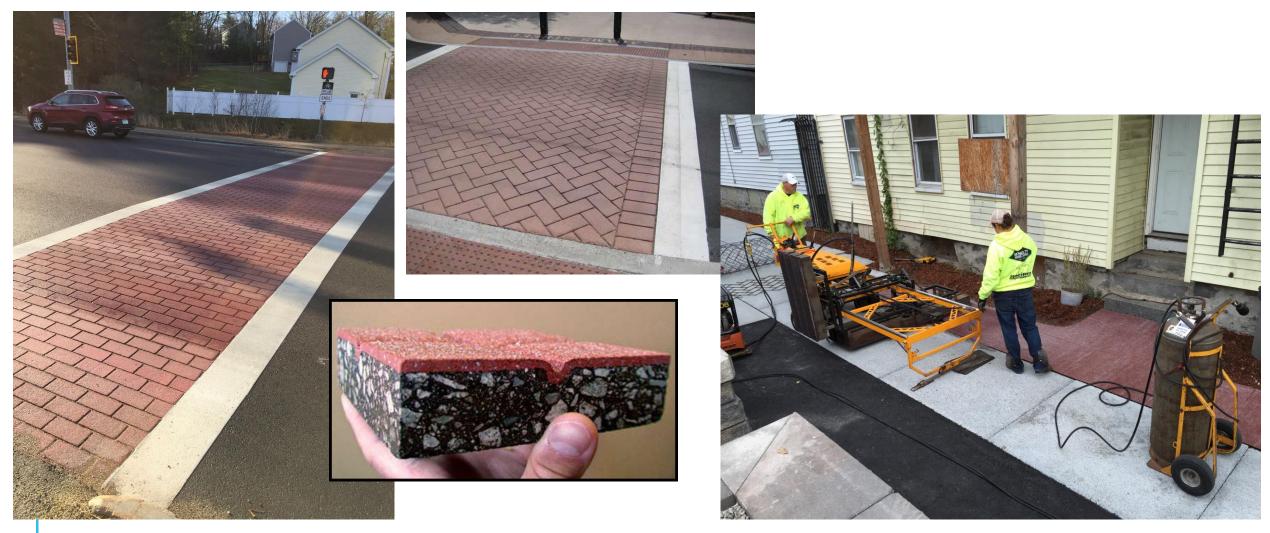


Site Plan





Stamped Bituminous Concrete



Aiken Street Bridge





Arbor Location: Before Photo



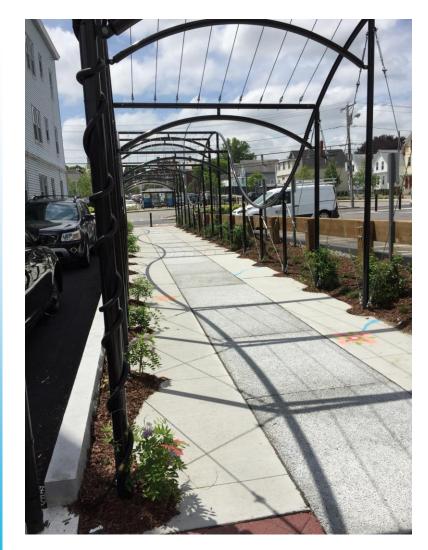
Completed Arbor Structure



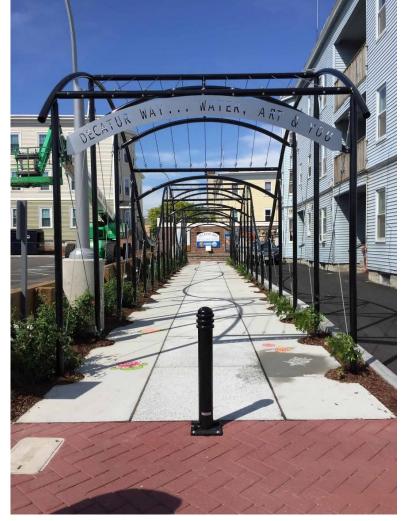




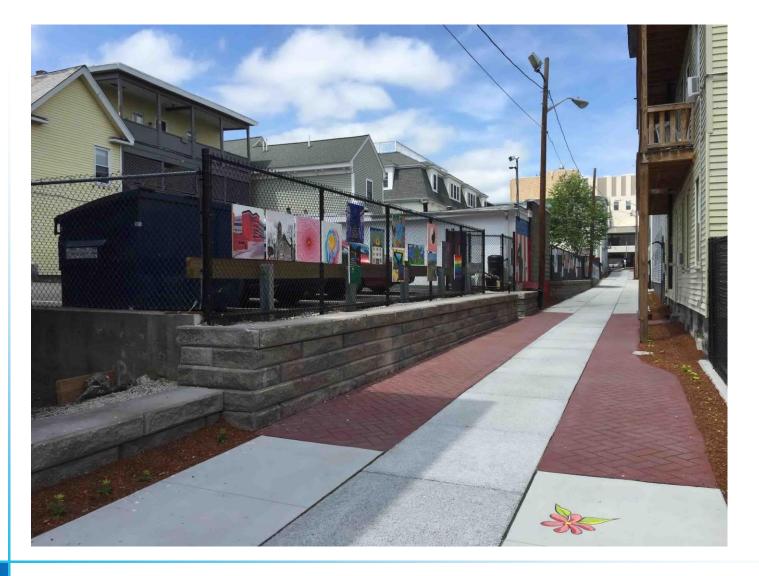
Completed Arbor Structure







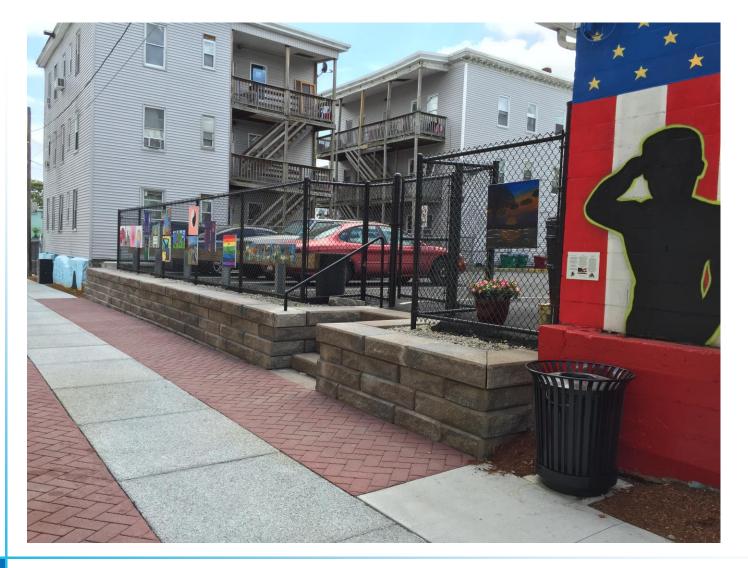


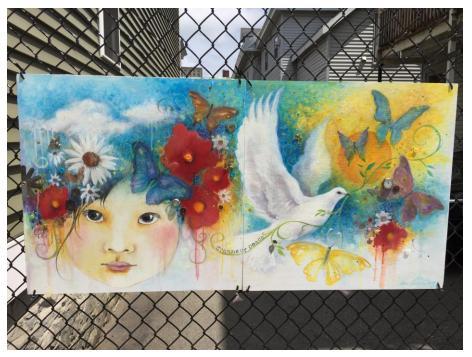






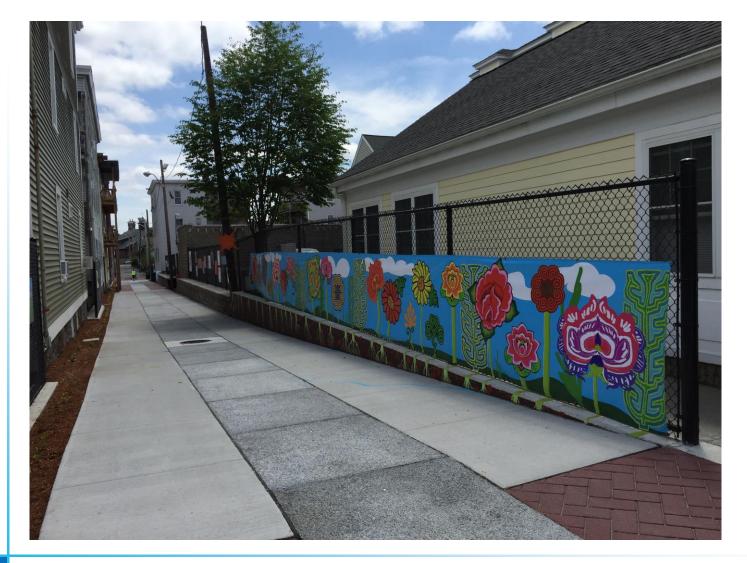








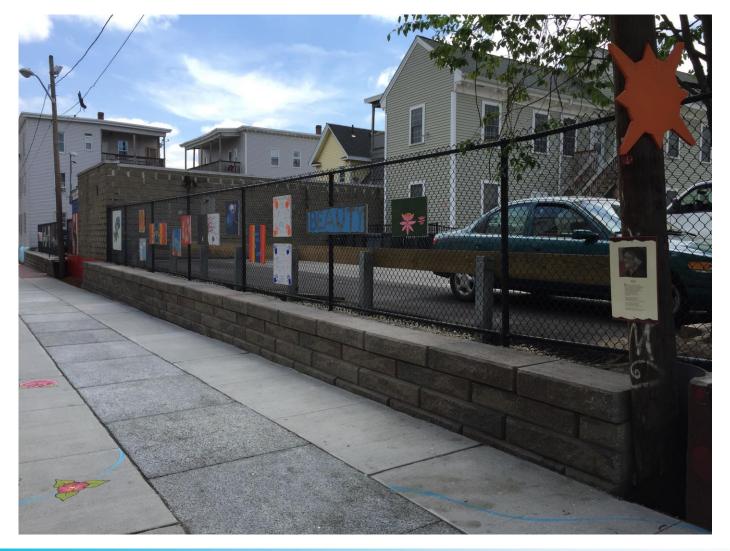








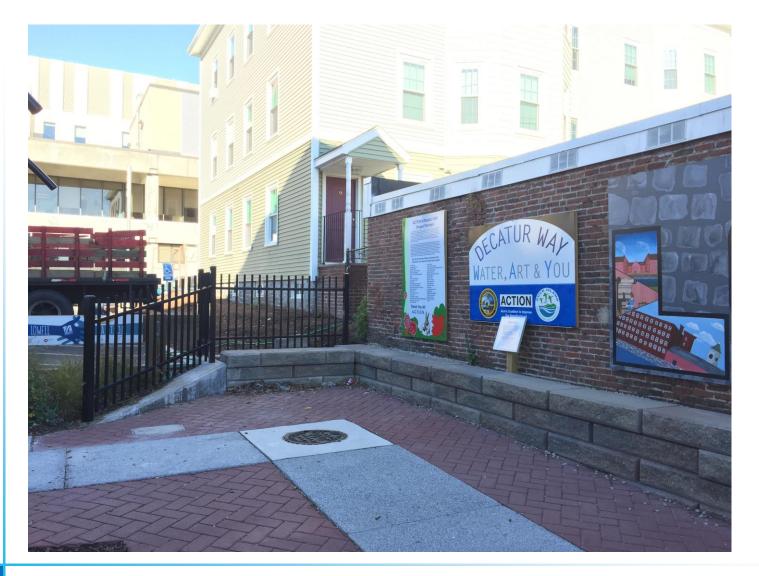


















Community Improvements & Environmental Protection





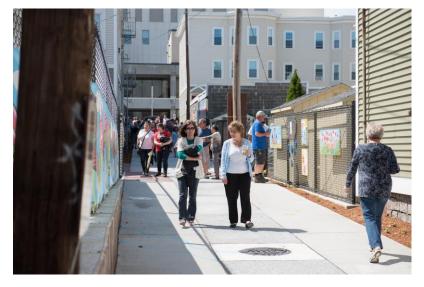






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Contact us!



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Find more insights through our water partnership at cdmsmith.com/water and @CDMSmith

