

Low-Impact Development Techniques for Stormwater Management at Devens



Total Traditional Project Cost: \$1,004,000

LID Reduced site paving	-\$32,000
LID Reduced curbing	-\$50,000
LID Reduced stormwater piping	-\$14,000
LID Reduced stormwater structures	-\$68,000
LID Increased landscaping	+\$12,000
LID Increased site preparation	+\$10,000
LID Increased soil mix	+\$18,000

Total Estimated LID Savings: -\$124,000 (12%)



Apex bio-filtration landscape islands (Phase 1)



Apex bio-filtration landscape islands (Phase 2)

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Greening Infrastructure Upgrades

- Vegetated roadside swales
- Micro-basins (local recharge)
- Native wildflower and grasses (low maintenance, increased infiltration)



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Evergreen Solar bio-filtration landscape islands



Natural open drainage vs. piping and catch basins



Devens Common underground infiltration systems



Devens Common cisterns collecting roof runoff