



Project update for:

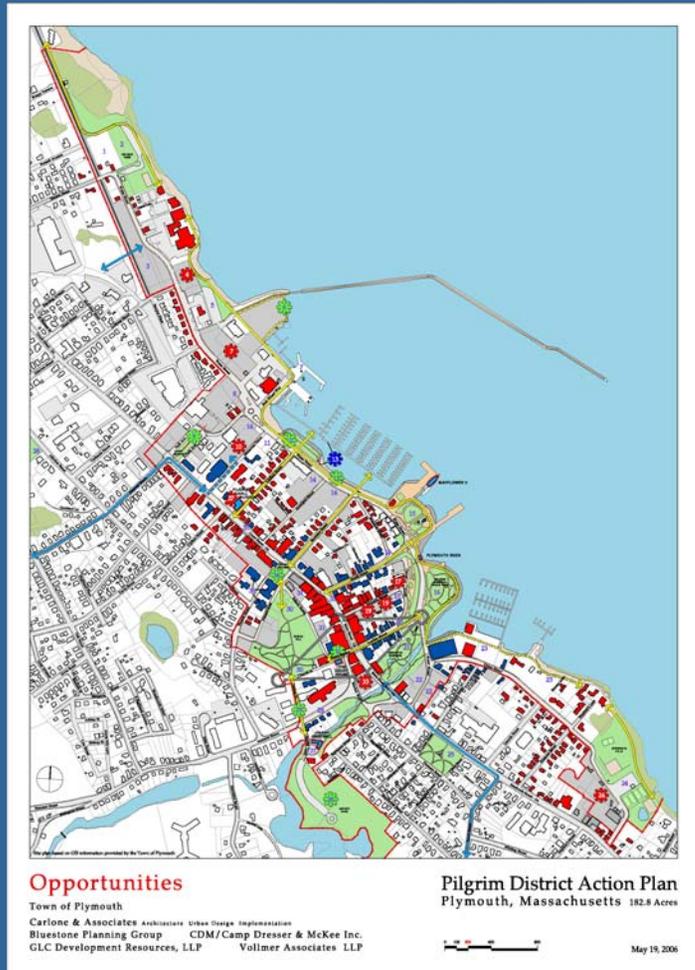
Nelson Memorial Park Rehabilitation Project

October 6, 2009



Introduction





- Nelson Park is one of the two “anchor” parks in the downtown area (Stephen’s Field is the other)
- Improvements to the park were included within the Plymouth Public Space Action Plan



- DPW applied for and received a \$500,000 PARC grant towards the project.
- Partnered with the Office of Community Development for \$250,000
- Project approach will be similar to the Brewster Gardens project, i.e. maximize in-house work and combine with outside contractors.



- Goals (specified in PARC application)
 - Improve stormwater runoff (non-compliant)
 - Improve/enhance connection to Seaside Trail
 - Improve overall quality of park: landscaping, paths, benches, tables, lighting, roadways, boat access, parking and splash pad!



Existing Conditions



EXISTING CONDITIONS



Court Street – Rte 3A

Nelson Street

Russell Avenue

Knapp Terrace

Robbins Road

Seaside Trail

Water Street

Plymouth Harbor



EXISTING CONDITIONS



EXISTING CONDITIONS





Town of Plymouth: Nelson Memorial Park Rehabilitation Project



Legend

- Barrier Beach – Coastal Beach
- Barrier Beach – Coastal Dune
- Coastal Beach
- Salt Marsh

Entire Site within Coastal Zone



■ Coastal Dune

- means any natural hill, mound or ridge of sediment landward of a coastal beach deposited by wind action or storm over wash. Coastal dune also means sediment deposited by artificial means and serving the purpose of storm damage prevention or flood control.

■ Coastal Beach

- means unconsolidated sediment subject to wave, tidal and coastal storm action which forms the gently sloping shore of a body of salt water and includes tidal flats. Coastal beaches extend from the mean low water line landward to the dune line, coastal bank line or the seaward edge of existing man-made structures, when these structures replace one of the above lines, whichever is closest to the ocean.

■ Barrier Beach

- means a narrow low-lying strip of land generally consisting of coastal beaches and coastal dunes extending roughly parallel to the trend of the coast. It is separated from the mainland by a narrow body of fresh, brackish or saline water or a marsh system. A barrier beach may be joined to the mainland at one or both ends.

■ Coastal Bank

- means the seaward face or side of any elevated landform, other than a coastal dune, which lies at the landward edge of a coastal beach, land subject to tidal action, or other wetland.



■ Notice of Intent (NOI)

- The Massachusetts Wetlands Protection Act (MGL c. 131, § 40) and its regulations (310 CMR 10.00) regulate activities within defined resource areas. The act requires filing on an application to the local Conservation Commission and the corresponding DEP office.

■ Waterways Permit/License (Chapter 91)

- The waterways regulations (310 CMR 9.00) govern activities proposed on tidelands (both filled and flowing), Great Ponds and certain non-tidal rivers and streams. The placement of any fill materials (sand) will require review and the granting of a Permit under the provisions of the waterways program. The placement of structures will require a license.

■ CZM State Consistency Review

- Any project that requires a state permit must be consistent with state coastal policies, as administered by Coastal Zone Management (CZM).

■ Massachusetts Environmental Protection Act (MEPA)

- Any project undertaken by an Agency, involves financial assistance and meets any MEPA Threshold will be required to file and Environmental Notification Form (ENF) and possibly and Environmental Impact Report (EIR).



Site Analysis



- Goals
 - Enhance / Extend Beach into park
 - Return enjoyment to waterfront by pulling parking away from edge
 - Improve stormwater runoff (non-compliant)
 - Enhance connection to Seaside Trail
 - Improve overall quality of park: landscaping, paths, benches, tables, lighting, roadways, boat access, parking and splash pad!





CIRCULATION



Town of Plymouth: Nelson Memorial Park Rehabilitation Project



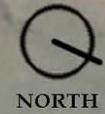
CONCEPT PLAN



- 1 Entry Improvements
- 2 Parking Improvements
- 3 Beach Improvements
- 4 Spray play
- 5 Stormwater wetland
- 6 Trailhead improvements



CONCEPT PLAN
NELSON MEMORIAL PARK
TOWN OF PLYMOUTH
SEPTEMBER 18, 2009



SCALE: 1" = 60'



1 Entry Improvements



New Crosswalk

Realigned Entry

Tree Preservation

Passenger Drop-off



2 Parking Improvements

Boat drop-off /
turn around

Relocated parking –
48 total spaces



3 Beach Improvements



Recreational Beach

Enhanced Play Area

Beach walk / steps



4 Spray play



Custom Water Play

Spray Play Area

Picnic Pavilion





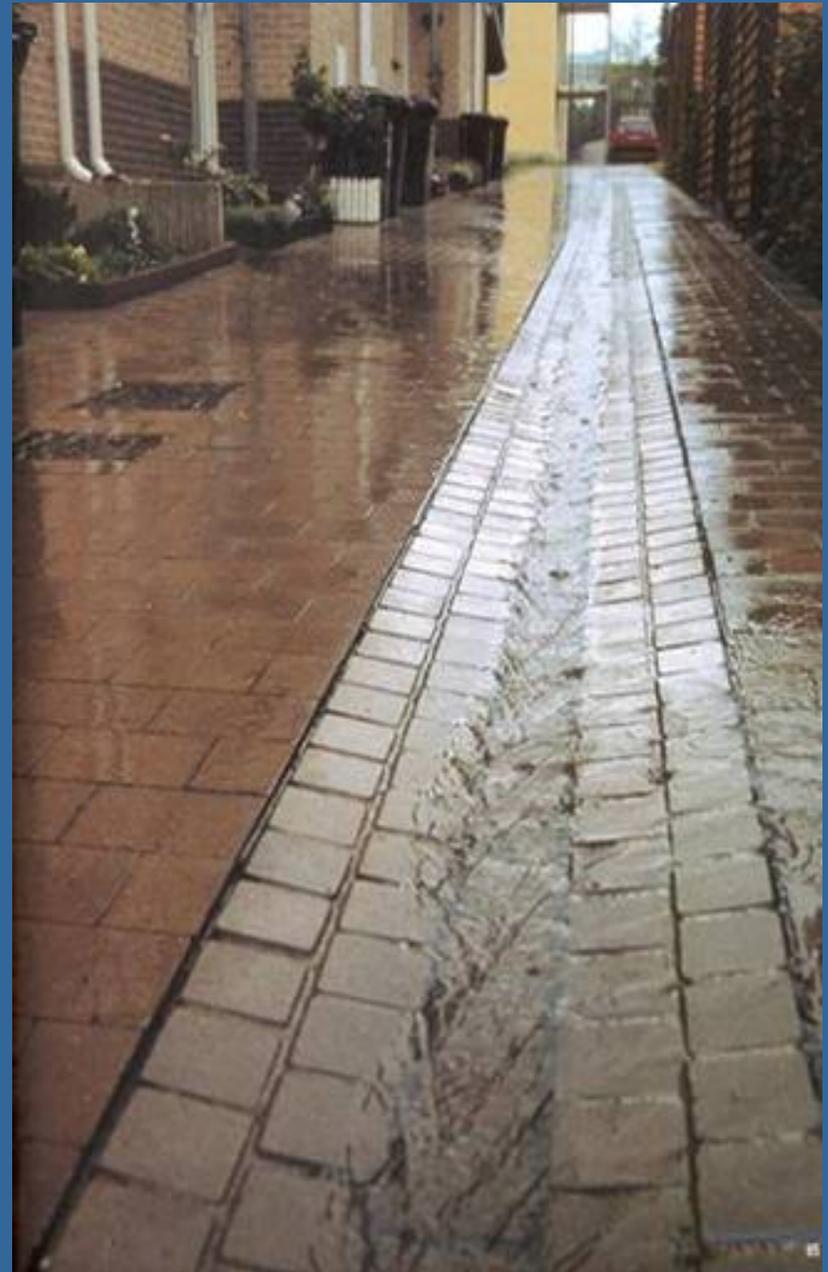




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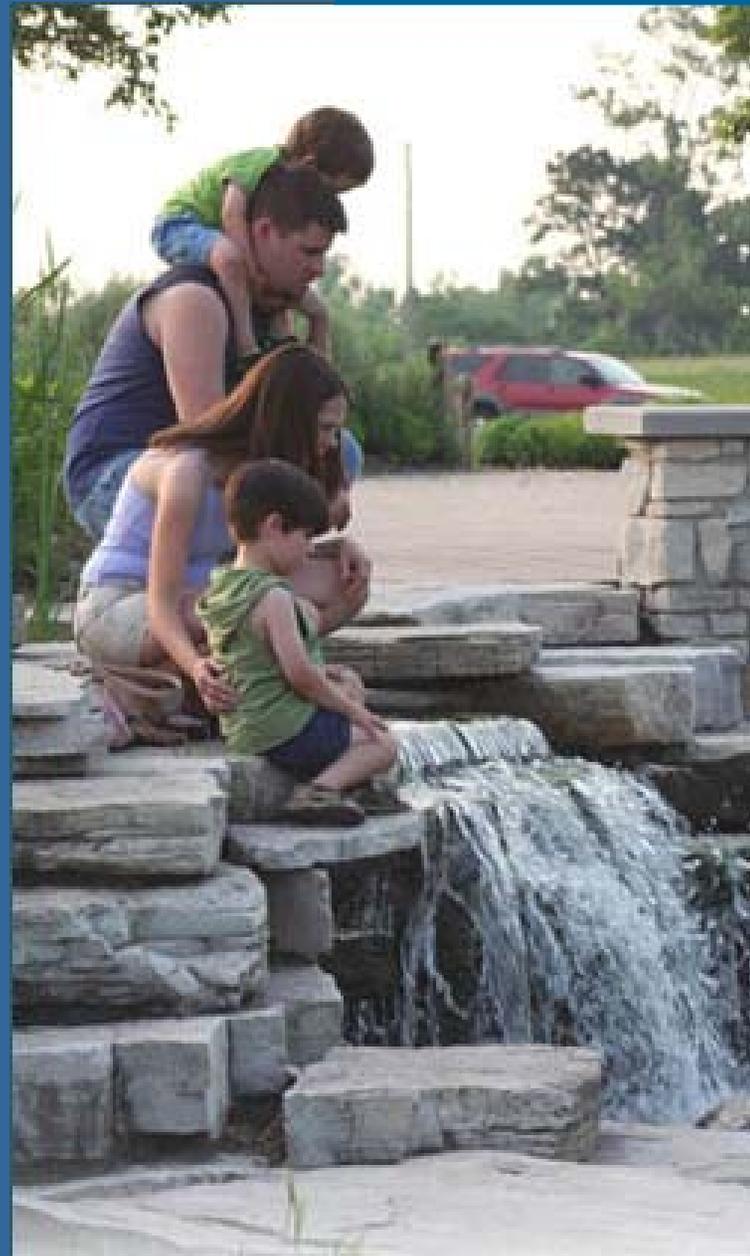






Town of Plymouth: Nelson Memorial Park Rehabilitation Project





5 Stormwater wetland





Town of Plymouth: Nelson Memorial Park Rehabilitation Project







Dry Approach is Particularly Well Suited to this Location



6 Trailhead improvements



Seaside Trail

Wetland

Path Extension

New Trailhead

Trail Parking

Park Connection



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