



REMEDIATION AND REUSE OF PORT NORFOLK PARK



DCR Public Meeting

Thursday, December 11, 2014, 7:00-8:30
Port Norfolk Yacht Club



MASSACHUSETTS DEPARTMENT OF
CONSERVATION AND RECREATION



Commonwealth of Massachusetts

Governor

Deval L. Patrick

Energy and Environmental Secretary

Maeve Vallely Bartlett

Department of Conservation and Recreation Commissioner

John P. Murray



DCR Mission Statement

*To protect, promote and enhance our
common wealth of natural, cultural and
recreational resources
for the well-being of all.*

Purpose of the Meeting

General public meeting to present the final design for the new Port Norfolk Park and discuss construction schedule and impacts.



Public Benefits of the Project

- Remediation of contaminated site
- Connection to regional bike paths
- Continuation of salt marsh edge along Neponset River
- Creation of aesthetically pleasing park from abandoned lot
- Information of historic use on interpretive signage



Neponset River Greenway

Project Funding

DCR Project Funding includes \$4.25 Million Through
Fiscal Year 2016



Project Team

GEI Consultants, Inc. – Environmental and Geotechnical Consultants

Anne Leifer, P.G., LSP

Halvorson Design Partnership – Landscape Architects

Cynthia Smith, ASLA

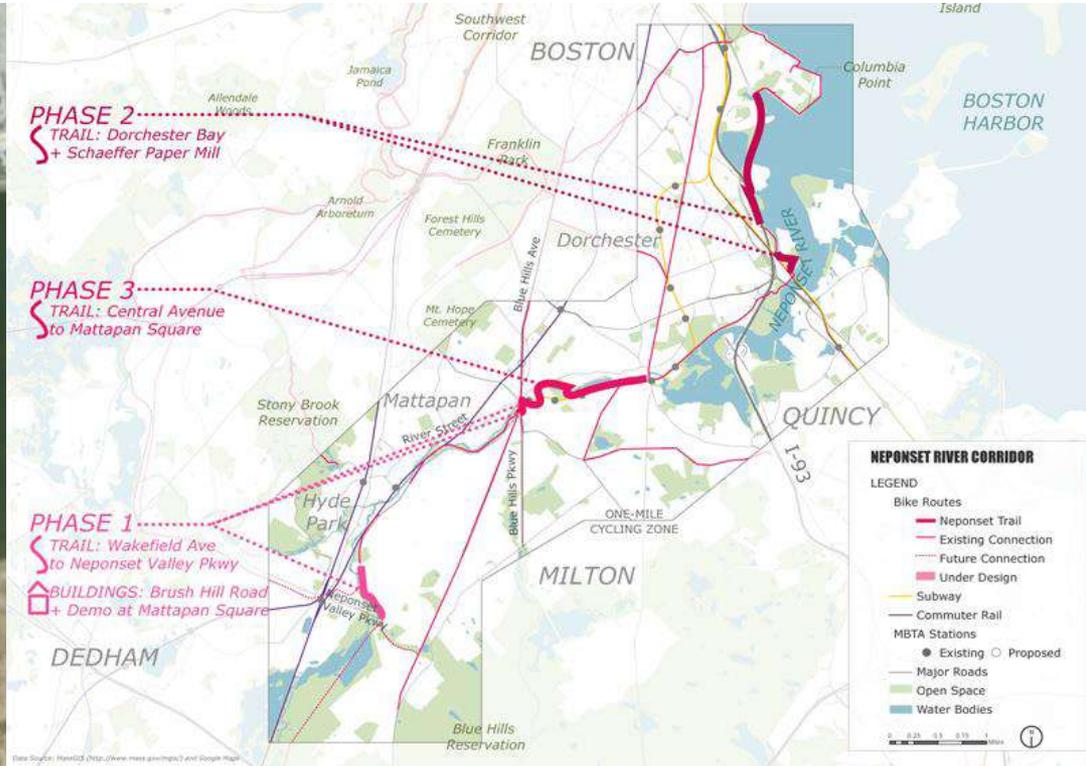
Epsilon Associates, Inc. – Permitting Consultants

Michael Howard



Current Site Photos

Regional Trail Connections



Property Plan



Site History



- Former Marshland; Filled in the 1850s
- Former Shaffer Paper/Flounder Fishing Pier
 - Historic uses include lumberyard, iron foundry, planing mill, door/window/wooden tank manufacturing, metal treating and fabricating, used paper storage and recycling, hazardous waste transportation and storage, and fishing pier
 - MDC purchased in 1986 for a park, performed site assessments
- Condominium Parcel
 - Historic uses include lumberyard and New England Road Machinery Co.
 - MDC purchased from adjacent condominiums in 1995
- Outstanding Environmental Issues
 - Polycyclic aromatic hydrocarbons (PAHs), metals, and polychlorinated biphenyls (PCBs) in soil, and salt marsh degradation require remediation for human health and ecological receptors



Historic Site Photo



Current Site Photos

Remediation Goals

- Clean up contamination to levels consistent with park use
 - Excavate and remove areas with very high lead concentrations in soil
 - Remove debris and dilapidated seawalls
 - Edge treatment to protect shoreline and restore salt marsh
- Construct park elements
- Mudflat contamination chiefly the result of upstream sources
 - No cleanup currently planned



Current Site Photos



Project Design – Demo, Repair, Excavation

Pavement, Concrete, Retaining Wall, Lead-Impacted Soil



Project Design – Landscaping and Features

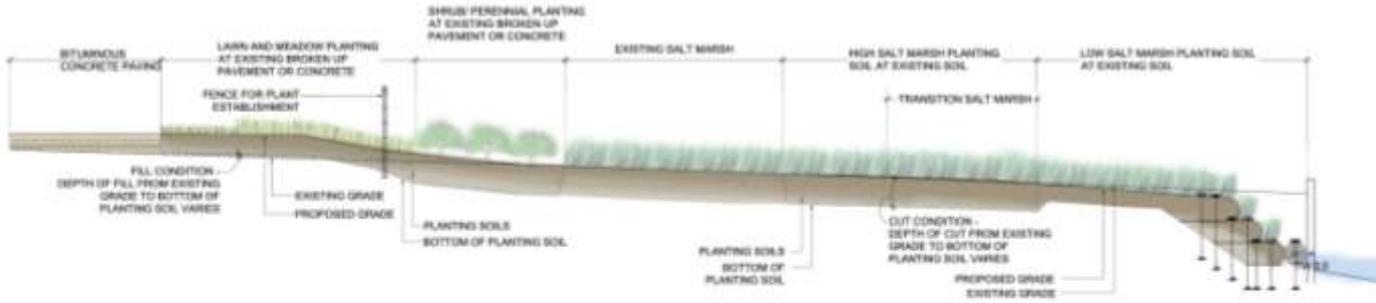
Existing Trees, New Trees/Shrubs/Grass, Paved Path, Bike Path, Seating Stones



PLANTING MATERIALS LEGEND

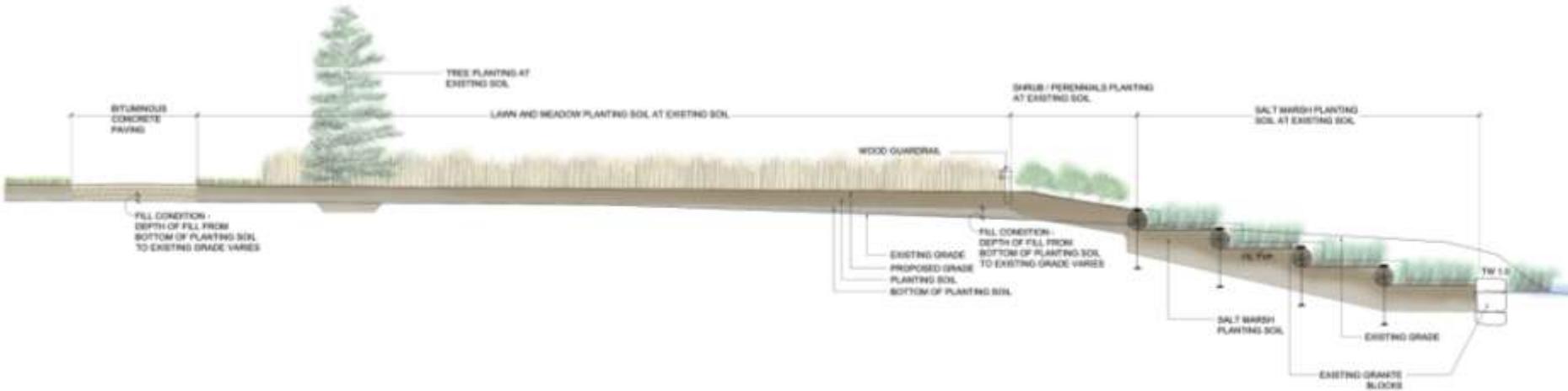
- | | |
|----------------------------|-------------------------------|
| SEEDED LAWN - MOW HEIGHT-1 | HIGH SALT MARSH |
| SEEDED LAWN - MOW HEIGHT-2 | LOW SALT MARSH |
| SEEDED MEADOW | TRANSITION SALT MARSH |
| SHRUBS / PERENNIALS | TRANSPLANTED SALT MARSH |
| DECIDUOUS TREES | EXISTING SALT MARSH TO REMAIN |
| EVERGREEN TREES | EXISTING VEGETATED RIDGE |
| EXISTING TREES TO REMAIN | |

Project Design – Cross Sections



CROSS SECTION - 1

SCALE: 1/4"=1'-0"



CROSS SECTION - 2

SCALE: 1/4"=1'-0"

Permitting and Construction Schedule

Permits/Approvals Obtained: MEPA Environmental Notification Form, Mass Historical Commission letter, Mass Division of Marine Fisheries letter, Boston ConComm Order of Conditions

Permits Pending: MassDEP Water Quality Certification, MassDEP Chapter 91 Waterway License, US Army Corps of Engineers Category II Approval, EPA NPDES Permit

Construction Schedule:

- Bids received from contractors on December 3, 2014
- Apparent low bid contractor is SumCo Eco-Contracting of Salem, MA
- Notice to Proceed expected in 2014
- Remediation and park construction in Spring/Summer/Fall 2015 and Spring 2016



Current Site Photos

Construction Impacts and Mitigation

Construction operations will include:

- Truck traffic
- Noise
- Dust
- Vegetative clearing
- Equipment staging



Mitigation efforts will include:

- Normal working hours
- Construction entrance/exit
- Dust monitoring and suppression
- Keeping mature, non-invasive trees and planting of additional trees and shrubs
- Keeping construction activities within DCR property limits



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Thompson Island - Massachusetts

Questions?



PORT NORFOLK PARK SITE PLAN



Additional Information

For more information:

Web: <http://www.mass.gov/eea/agencies/dcr/public-outreach/public-meetings/>

If you have questions or concerns or would like to be added to an email list to receive DCR general announcements:

Email: MassParks@state.ma.us

Call: **617-626-4973**

Write: Department of Conservation and Recreation, Office of Public Outreach,
251 Causeway Street, Suite 600, Boston, MA 02114

Note: Public comments submitted to DCR by email or letter may be posted on the DCR website in their entirety, and no content, including personal information, will be redacted.