Little Beaver Island Wetland Restoration Project

New York Power Authority

Generating more than electricity

August 4, 2010

Office of Parks · Recreation · Historic Preservation

New York State

Agenda

- Introduction
- Project Description
- Schedule

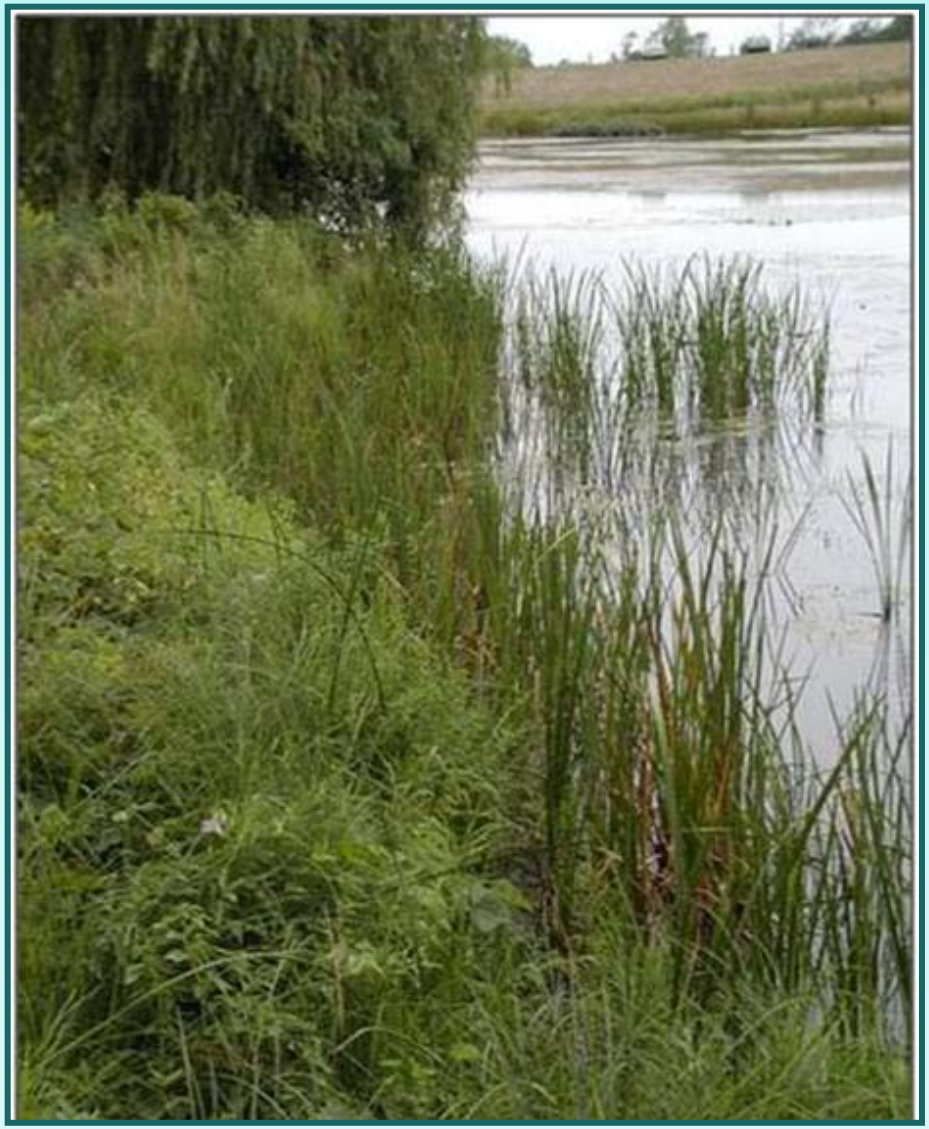
Little Beaver Island Marsh – pre 1950

Objective: Enhance/restore wetland structure and function by modifying the topography and planting with native wetland vegetation

Little Beaver Island Wetland Restoration

Wetland Restoration

- ✓ Remove overlying fill and stockpile marsh topsoil
- ✓ Grade elevations for wetland marsh
- ✓ Place wetland topsoil
- ✓ Stabilize with erosion control blankets and seeding
- ✓ Plant with wetland plants



Native Marsh Planting Plan

Wet Meadow

- Soft rush
- Joe Pye Weed
- White Boneset
- New England Aster
- Swamp Smartweed

Deep Emergent

- Softstem Bulrush
- Burreed
- Arrowhead
- Three-square
- Pickerelweed

Shallow Emergent

- River Bulrush
- Hardstem Bulrush
- Tussock Sedge
- Soft rush
- Softstem Bulrush
- Burreed

Trees/Shrubs

- Red-osier dogwood
- Black Willow
- Silky Willow
- Arrowwood
- Red Maple

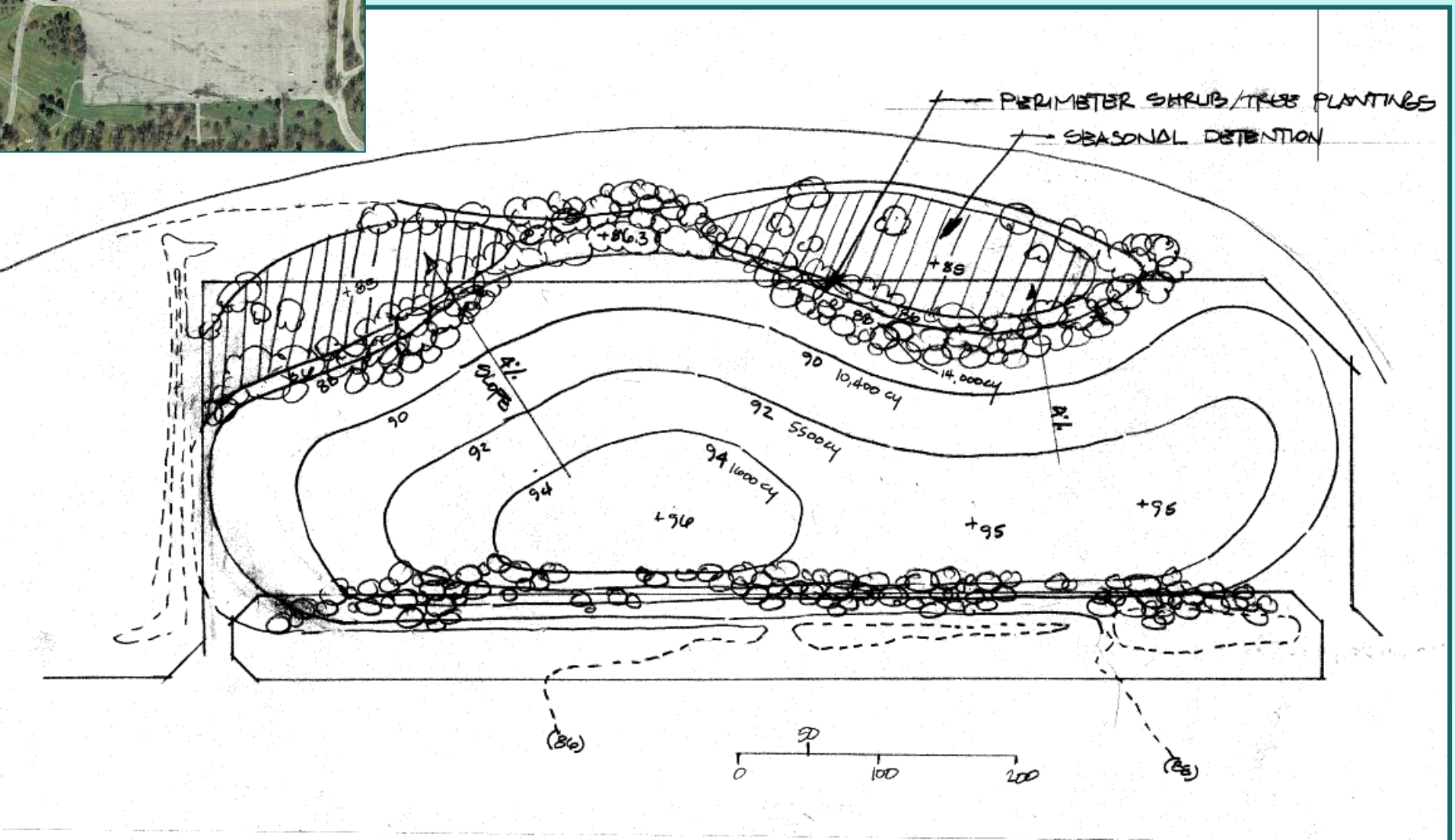
Overlook and Trail

Osprey Pole Installation

Kayak Launch

Little Beaver Island Wetland Restoration Spoils Disposal

Little Beaver Island Wetland Restoration
Spoils Disposal



Progress & Schedule

- Minimize impacts on Park users
- Award Earthwork Contract – July 2010
- Excavation and Grading Construction – Aug.-Nov. 2010
- Award Planting Contract - August 2010
- Cultivate Plantings
- Planting – Apr. – Jun. 2011

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Questions and **Comments**

NYPA Niagara Relicensing web site:
http://niagara.nypa.gov/

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