BUFFALO RIVER REGIONAL SEDIMENT MANAGEMENT at UNITY ISLAND
BUFFALO, NEW YORK

Regional Sediment Management — Beneficial Use of Dredged Material
Section 204 of the 1992 Water Resources Development Act, As Amended
Construction General (Continuing Authorities Program)

Location
- Unity Island, Buffalo, New York

Project Description
- This authority evaluates the use of dredged material from new or existing federal projects to protect, restore, or create aquatic and ecologically related habitats, including wetlands. It is also designed to reduce storm damage to property that is connected to dredging for construction, operation, or maintenance of an authorized navigation project.
- Creation of over five acres of emergent and submerged aquatic habitat.
- Creation of wetland communities along the shoreline.
- The creation of deep-water fish habitat using submerged trees will increase the density and diversity of aquatic species.
- Feasibility phase was 100 percent federally funded.
- Design and implementation is cost shared 65 percent federal and 35 percent nonfederal.

Importance
- Buffalo River is a listed area of concern due to loss of fish and wildlife habitat.
- A high priority project because it incorporates sediment remediation and the restoration of aquatic habitat and wetlands.

Consequence
- Without implementation of this project, there will be a lack of alternative uses of dredged material for ecosystem restoration.

<table>
<thead>
<tr>
<th>Project Phase</th>
<th>Est. Fed. Cost of Phase</th>
<th>Federal Funding through FY19</th>
<th>FY20 Requirement</th>
<th>FY20 Budget</th>
<th>FY21 Requirement</th>
<th>FY21 Budget</th>
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<tbody>
<tr>
<td>Design &amp; Implementation</td>
<td>$1.9M</td>
<td>$1.8M</td>
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Project Sponsor/Customer
- City of Buffalo

Congressional Interests
- Representative Brian Higgins D NY-26
- Senator Charles Schumer D NY
- Senator Kirsten Gillibrand D NY

Current Status
- Adaptive management, including plantings, will continue in 2020.
- Project is the first CAP 204 project completed in the Great Lakes.
- Project closeout is planned in 2020

Issues
- None
New Constructed Weir

Map of Unity Island 204 Features

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