Sauquoit Creek: A Holistic Approach to Urban Planning + Floodplain Management

Jane Nicholson, AICP
Project Location
Region
Region
Project Location
Sauquoit Creek
Project Background
Sauquoit Creek Alignment
Long-term solution that:

1. Minimizes the risks of flooding and makes the community more flood resilient

2. Reduces the cost of recovery
Community-Based Approach

Local and State officials are increasingly recognizing the need to address localized flooding problems.

Community-based approach focused on minimizing localized flood problems to avoid future ones.

Key is to develop a strategy and action items that address the needs of the community or at a minimum, those neighborhoods with flood problems.
Part 1:
Sauquoit Creek Channel + Floodplain Restoration Project
Project Scope

1. Restore the natural floodplain
2. Reduce flooding
3. Reduce impacts on private property abutting stream
4. Contribute towards mitigating flooding downstream
Total Acres of Disturbance: 6.06 Acres
Phase 1
## Phase 1 Potential Reduction

<table>
<thead>
<tr>
<th>Bench</th>
<th>Profile</th>
<th>Existing W.S. Elev* (ft)</th>
<th>Proposed W.S. Elev* (ft)</th>
<th>Change in W.S. Elev (ft)</th>
<th>Description of Point of Comparison</th>
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</thead>
<tbody>
<tr>
<td>L-5 &amp; L-6</td>
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<td>436.12</td>
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</tbody>
</table>

Comparison made at location of current fishing overlook (Model XS 7220)
Build-Out Reduction

- Existing, effective FIRM (blue)
- Full implementation potential reduction in SFHA (yellow)
Part 2:
Sauquoit Creek Nature Trail Master Plan
Project Logistics
# Town of Whitestown

## Project Partners

<table>
<thead>
<tr>
<th>Local</th>
<th>State</th>
<th>Federal</th>
<th>Non-Profit</th>
<th>Collaboratives</th>
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<tbody>
<tr>
<td>Oneida County</td>
<td>Village of Whitesboro</td>
<td>Sauquoit Creek Commission (Collaborative)</td>
<td>New York State Department of Environmental Conservation</td>
<td>New York State Department of Transportation</td>
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<td>New York State Department of Health</td>
<td>New York State EFC</td>
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<td>United States Army Corp of Engineers</td>
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### Funding

**Total Project Cost:** $11.1 million

<table>
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<th>Status</th>
<th>Amount</th>
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<td>Applied</td>
<td>HMGP $1.3 million</td>
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<td>Needed</td>
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Project Timeline

Phase 1 focus on Dunham Manor Park

Benches L-5 & L-6

Bid 2018, Construction 2019
Thank you!

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