Role of DEC in the NY/NJ Harbor Study

• The Army Corps of Engineers is required to have a non-federal sponsor for coastal storm risk reduction studies such as HATS

• Because HATS spans multiple states, Both NYS and NJ are contractual non-federal sponsors for the HATS Study. NYC and NYS Department of State are both cooperating agencies.

• Up until recently the Study was cost-shared 50% federal, 25% NYS, and 25% New Jersey

• To date DEC has provided $3.5M for the Study
Army Corps of Engineers Process

- Army Corps of Engineers Study, Design and Construction Process
  - Initial Study Authority
  - Feasibility Study Phase
  - Design Phase
  - Construction Phase
  - Operation and Maintenance Phase

- DEC is required by law to have a contractual local sponsor for the construction phase and O&M
DEC and NYS wear multiple hats.

Non-federal Sponsor Role:

- **Study and Design Phases**
  - Cost-Sharing
  - Coordination on the study process
  - Plan/Study review and comment

- **Construction & Operation and Maintenance Phases**
  - Real estate acquisition
  - Hazardous and toxic waste cleanup
  - Indemnification
  - Operation and maintenance

- **Permitting Role:**
  - Review the proposed plan against DEC and DOS permit requirements
USACE Coastal Projects in NYS
USACE Projects in NYS

• Completed since Hurricane Sandy:
  • Fire Island Breach repairs
  • Long Beach Coastal Storm Risk Reduction Project
  • Fire Island Inlet to Moriches Inlet sand placement
  • Coney Island Seagate Project
  • Downtown Montauk Emergency Stabilization Project

• Under Construction:
  • Fire Island Inlet to Montauk Point
  • Rockaway
  • Montauk Point Lighthouse

• In the Design Phase:
  • South Shore of Staten Island

• In the Feasibility Study Phase:
  • NY/NJ Harbor Study
  • Nassau County Back Bays
  • South Shore of Long Island
DEC Flood Control Projects

- Over 100 flood control projects have been constructed throughout the State which the State operates and maintains
  - 15 miles of concrete walls
  - 80 miles of levees
  - 145 miles of improved channel
  - 18 pumping stations
  - 41 closure structures
  - 575 drainage structures
  - Numerous ponding areas
Other DEC Resiliency Initiatives

• Lake Ontario Resiliency and Economic Development Initiative (REDI)
  • $300 million, to benefit communities and improve resiliency in flood-prone regions along Lake Ontario and the St. Lawrence River

• Resilient Streams Flood Resiliency Studies
  • Studies to reduce flooding and ice jam formations and improve riparian ecology on 48 high-priority flood-prone watersheds throughout New York State.

• 2022 Bond Act
  • Over $1B for flood risk/restoration initiatives
DEC Review of the HATS Draft Report

• NYS is currently reviewing the HATS draft Feasibility Study Report – This includes DEC, the NYS Department of State, the Office of General Services, and the New York State Parks Recreation & Historic Preservation.

• DEC is also working in close coordination with New Jersey and New York City.

• Public comment is an integral part of the Feasibility Study Process. DEC encourages anyone with interest in the Study to provide written comments to the Army Corps of Engineers.
## Next Steps

### SCHEDULE

<table>
<thead>
<tr>
<th>Action/Milestone</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Execute Feasibility Cost-Sharing Agreement (study start)</td>
<td>✔ 15 July 2016</td>
</tr>
<tr>
<td>Release Interim Report</td>
<td>✔ 19 February 2019</td>
</tr>
<tr>
<td>Public Meetings for Interim Report</td>
<td>✔ March - October 2019</td>
</tr>
<tr>
<td>Delay due to lack of Federal funding</td>
<td>✔ February 2020 – September 2021</td>
</tr>
<tr>
<td>Federal funding resumption</td>
<td>✔ October 2021</td>
</tr>
<tr>
<td>FCSA Amendment Execution</td>
<td>✔ 28 June 2022</td>
</tr>
<tr>
<td>Tentatively Selected Plan Milestone</td>
<td>✔ 26 July 2022</td>
</tr>
<tr>
<td>Release Draft Integrated Feasibility Report and Tier 1 EIS</td>
<td>✔ Late September 2022 (156+ day review period)</td>
</tr>
<tr>
<td>Public Meetings for Draft Report</td>
<td>October 2022 – February 2023 (Additional in-person and virtual public meetings – see website for updates.)</td>
</tr>
<tr>
<td>Public Comment Closing Date</td>
<td>March 7, 2023</td>
</tr>
<tr>
<td>Agency Decision Milestone</td>
<td>June 2023</td>
</tr>
<tr>
<td>Submit Final Integrated Feasibility Report and Tier 1 EIS</td>
<td>January 2024*</td>
</tr>
<tr>
<td>Chief of Engineer’s Report Approval (study end)</td>
<td>June 2024*</td>
</tr>
</tbody>
</table>

* Schedule may be revised.
Thank You

• Matt Chlebus, PE
• Professional Engineer
• Matthew.Chlebus@dec.ny.gov
• Noah.Patterson@dec.ny.gov
• Coastals@dec.ny.gov
• 518-402-8185

Connect with us:
Facebook: www.facebook.com/NYSDEC
Twitter: twitter.com/NYSDEC
Flickr: www.flickr.com/photos/nysdec