



Restore North and South Seawalls at Perry's Victory and International Peace Memorial

National Park Service
U.S. Department of the Interior
Perry's Victory and International Peace Memorial
Put-In-Bay, Ohio

Welcome

The purpose of the open house is to provide you with the opportunity to comment on the proposal to restore the north and south seawalls, limit wave over-topping, and manage stormwater to protect the cultural resource, help ensure the health and safety of the public, and enhance the visitor experience while preserving the setting of Perry's Victory and International Peace Memorial (PEVI or Park).

We invite you to:

- View the posters and the slideshow.
- Talk to us about the project.
- Increase your understanding of the project.

Thank you for joining us!





Background

- PEVI consists of a 352-foot high Doric column and Beaux Arts Plaza on South Bass Island in Lake Erie. It is surrounded by 25 acres of landscaped grounds.
- The Memorial, built between 1912 and 1915, commemorates Commodore Oliver H. Perry's victory against the British on September 10, 1813. It stands as a reminder of the events of the War of 1812, and as a symbol of international peace between the United Kingdom, Canada, and the United States.
- The Park sits on a low-lying isthmus connecting the east and west sides of South Bass Island. Lake Erie surrounds the Park to the north and south.
- The seawalls protecting the site were originally constructed in 1936. In 1976, the south seawall was demolished and reconstructed with a new profile that extended farther outwards into Lake Erie.



View of Perry's Victory International Peace Memorial



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Purpose of Action

The National Park Service (NPS) proposes to restore the existing seawalls to prevent further deterioration and undermining. This project would ensure the integrity of the historic PEVI Monument and ensure safe and appropriate visitor opportunities within the historic landscape of the Park.

The purpose of this meeting is to provide you with the opportunity to comment on the proposal to restore the north and south seawalls and stormwater system at the PEVI Site.

The following were considered during the project:

- Consistency with the project's purpose and need.
- Choosing a design and construction methods that are feasible to build and permit.
- Ensuring the design would be successful and typical of the setting.
- Replacing the existing seawall while avoiding impacts to the greatest extent possible.
- Incorporating resiliency in design to prevent over topping during future stormwater events.



North seawall as seen from the top of the monument



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Need for Action

- The current condition of the seawalls is poor and would continue to deteriorate. Significant undermining would continue to occur along the seawalls (USACE, 1995; WJE, 2017).
- If the seawalls are not restored, the nationally significant memorial would not be adequately protected.
- The stormwater drainage system is not adequately sized to manage large rainfall events. Access to the east side of the island has been impacted by flooding at the site. Significant flooding throughout the site would continue to occur.



Deterioration at the south seawall



Wave overtopping at the north seawall



Flooding throughout the Park following a storm event



Resources



The Lake Erie Water Snake inhabits the shoreline areas

Biological Resources

- The **Lake Erie Water Snake** (*Nerodia sipedon insularum*), a state threatened species, inhabits Lake Erie and the shoreline areas adjacent to the seawalls.
- **Submerged aquatic vegetation** was identified in the project area, including American eelgrass (*Vallisneria americana*) and Richardson's pondweed (*Potamogeton richardsonii*).
- Dead and weathered **mussels** were identified in the project area, including Pink heelsplitter (*Potamilus alatus*) and Threeridge (*Amblema plicata*).
- Section 7 ESA consultation with U.S. Fish and Wildlife Service (USFWS) is ongoing.
- **Lake Erie** and one **palustrine emergent wetland** occur in the project area.



Submerged aquatic vegetation, mussel, and archaeological resource surveys were conducted

Cultural and Archaeological Resources

- The **PEVI** Monument is listed on the National Register of Historic Places.
- The North and South Seawalls are not historic structures
- **Underwater and terrestrial archaeological** resources were identified in the project area.
- Consultation for compliance with Section 106 of the National Historic Preservation Act is ongoing.

Other Considerations

- **Construction Activities** would occur on water and land. During construction, the work areas would be closed to visitor access. Impacts will be evaluated in the Environmental Assessment.
- **Wave energy** reflecting off the seawall before and after construction has been modelled. Results indicate the difference in energy is minimal. Potential impacts to neighboring properties are negligible.

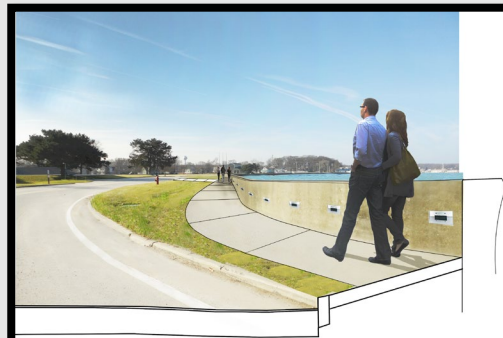


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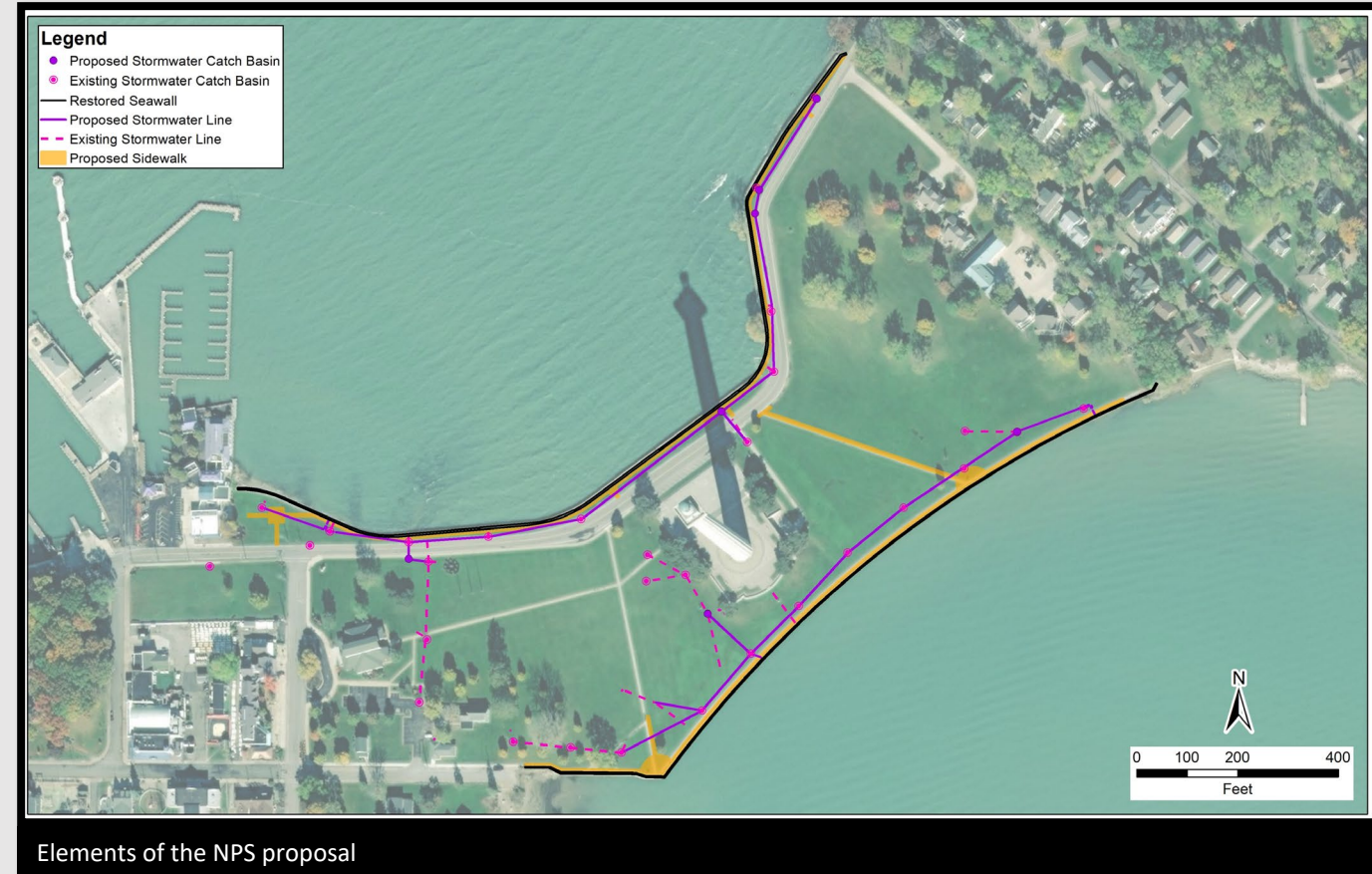
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NPS Proposal

- 3,340 linear feet of seawalls will be restored to address deterioration and raised to a new elevation ranging 12-24" above existing.
 - North Seawall-Center would be demolished and replaced.
 - The remaining North Seawall would be partially demolished and repaired.
 - The South Seawall would be partially demolished and repaired.
 - An 80-foot extension would be added to the South Seawall.
- The stormwater system would be upgraded and include pretreatment.
- Potential visitor experience enhancements include seating areas with benches, embedded lighting, a new sidewalk, and an interpretive plaza.



Rendition of the restored north seawall and new sidewalk





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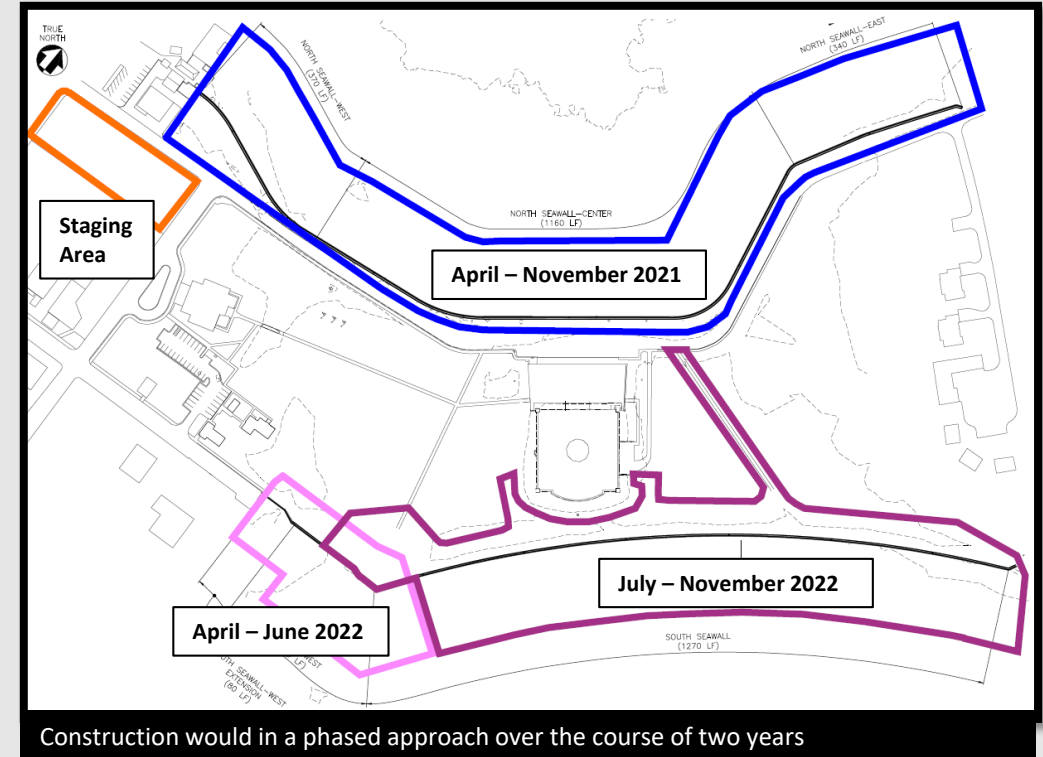
Visitors and Community

Construction Means and Methods

- A traffic control plan would be in place throughout construction.
- Construction would occur from the land and Lake Erie.
- Heavy equipment would be required, including **barges, cranes, concrete trucks, and wire saw cutters** throughout the duration of construction.
- Equipment, materials, and construction offices would be staged in the Peace Garden lawn.
- Frequent construction deliveries would occur.

Disruptions

- Access to the **memorial and visitor center would not be impacted by construction.**
- During construction, the work areas and staging area would be fenced off and closed to visitor access.
- Construction of the South Seawall - West is scheduled to be completed prior to July 1. Access to the public beach would be restricted during this phase of construction.
- **Temporary lane closures of State Highway 357** would be necessary to allow construction and ensure visitor safety. Single lane closures would be limited to 6 hours. Full road closures would be limited to 2 hours. Lane closures times and dates are being coordinated with the Village of Put-in-Bay.
- **Temporary utility shutdowns** would be necessary. Water shutdowns would be limited to 4 hours. Electric/phone/cable shutdowns would be limited to 2 hours.
- Construction noise would be limited by local ordinances.
- Construction would not occur on weekends or holidays.



Schedule

- April – November 2021 North Seawall
- April – June 2022 South Seawall - West
- July – November 2022 South Seawall



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Give Us Your Feedback!

The NPS invites you to share your comments on the proposal.

You can provide input in several ways:

- Submit written comments in person on the comment card provided.
- Submit comments electronically on the NPS Planning, Environment, and Public Comment website at <http://parkplanning.nps.gov/pevi> or at PEVI_Superintendent@nps.gov.
- Submit written comments by mail or hand-deliver to:
Perry's Victory and International Peace Memorial
93 Delaware Avenue, P.O. Box 549
Put-In-Bay, Ohio 43456

Please submit your comments to restore the seawalls along the Perry's Victory and International Peace Memorial Site by August 21, 2020.

We thank you for your participation in this process!

