Formal Public Meeting
for
MaineDOT
Ferry Terminal Modifications
Swan’s Island
Ferry Terminal
WIN: 023480.00

Presented By:
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Craig Morin, HNTB Project Manager

February 21, 2019
Agenda

- Introductions
- Project Location
- Purpose & Need
- Existing Conditions
- Proposed Work
- Program Cost
- Anticipated Schedule
- Open Forum/Discussion
Project Location

Swan’s Island Ferry Terminal

Project Area
Project History:
- The terminal is currently experiencing an increase in ridership which has triggered the design and construction of a new larger ferry vessel. The new vessel will exceed the spatial capacity of the existing pen, hence requiring the addition of two new turning dolphins and other miscellaneous modifications.

Purpose & Need:
- The purpose of the project is to modify and expand upon the existing fender system at the ferry terminal to accommodate a new larger ferry vessel commencing service in 2019. The proposed project is needed due to the increased demand of the ferry service, which has resulted in the need for a new, larger ferry vessel. The current ferry terminal fender system is insufficient to accommodate the new ferry and modifications need to be made to improve the structural condition of the fender system. The ferry terminal is a vital component to summer tourism and is greatly utilized by the island community.
New Ferry Vessel

State of Maine Department of Transportation
154 Foot LOA Passenger Vehicle Ferry
WIN 018376.10 Federal Project No. 1837610

PRINCIPAL CHARACTERISTICS

- LENGTH BET. PERP.: 147'-6"
- LENGTH ON DECK: 154'-0"
- MOLDED BEAM: 38'-0"
- MOLDED DEPTH: 14'-6"
- MOLDED DRAFT @DWL: 9'-3"
- NUMBER OF PASSENGERS: 250
- APPLICABLE USCG REG: Subchapter K
New Ferry Vessel in Pen
Existing Conditions

Condition Summary:

- Dolphins, fender panels, wave screens and gangways are in satisfactory condition.
- Fender panels are excessively large and prevent proper mooring line arrangements.
- Existing wave screens function properly and mitigate choppy waves.
Proposed Work

Brief Summary of Proposed Scope of Work:
The scope of work will include a wide range of modifications at the Swan’s Island ferry terminal including: turning dolphins, wave screens, walkways, electrical lighting, and miscellaneous elements.

Specifically, at the Swan’s Island Ferry Terminal, the following design elements will include:

- Addition of two turning dolphins;
- Addition of a wave screens between the new and existing dolphins on the north and south sides of the pen;
- Addition of gangways to the two new turning dolphins; and
- Modifications to the existing lighting to provide light at new dolphins.
Proposed Work

NOTES:
1. For turning dolphin details and additional information, see Sheets 502 through 506.
2. For check resettling details, see Sheet 505.
3. For bollard details, see Sheet 509.
4. For dolphin mooring details and pipe extension modifications, see Sheet 515.
5. For wave screen details, see Sheet 511.
6. For aluminum gangway and transition walk details, see Sheet 515.
7. For lighting details, see Sheet 515 through 518.
8. Baseline was determined using information from the 2009 breakwater plans.
9. The Contractor shall replace existing concrete as directed by the Workplan. Concrete repairs shall be performed under the supervision of 5.05.1, 5.05.3, and 5.05.6, Methods of Repairing Concrete. Reinforcing Steel is to be used to repair vertical surfaces, with 1/2 inches, Repair of Upward-facing Surfaces - below Reinforcing Steel, and Repair of Vertical Surfaces (9 courses, respectively).
## Program Cost

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Funding Strategy (Sources):

- Federal Funding: Ferry Boats & Terminals FAST Act.
- State Funding: Bond Funds
Anticipated Schedule

Complete Final Design: Spring 2019
Project Advertisement: Spring 2022
Start Construction: Summer 2022
End Construction: Spring 2023
Open Forum/Discussion

QUESTIONS &
GENERAL DISCUSSION

Open Forum Protocol:
- Raise your hand
- State your name
- Speak clearly

Next Steps:
- Complete final design
- Advertise the project to contractors
- Commence construction

Meeting Adjourned:
- Thank you!