

**ADDENDUM #2**

**SWAN ISLAND LANDING BULKHEAD IMPROVEMENT**

**Date:** November 6, 2015

**Project:** IF&W Swan Island Landing Bulkhead Improvement

**Location:** Richmond, ME

**G&D Project No.:** 2014-104

**Addendum #2:**

This addendum is hereby made a part of the contract documents in response to discussion points and questions submitted through November 6, 2015.

1. I'm assuming that the beginning and end of the wall is defined by the red hatching and  $\frac{3}{4}$ " stone hatching around the southeast end of the parking lot. What does the red hatching mean?

**RESPONSE 1: See revised Sheet C-1. The red hatching refers to the new segmental block retaining wall.**

2. Referring to sheet C-1:

- a. Note "relocated pier deck..." Is the intent to remove this existing structure and then reinstall it after the wall is complete?

**Yes**

- b. Note "New removable wood ramp..." Is this part of the work? If so, are there any details defining what is required?

**No, the removable wood ramp will be handled by owner.**

- c. Are the existing ramps and floats to be removed and replaced as part of the work?

**No, that will be by owner**

- d. Note "New float..." Is a new float to be provided as part of the work? If so, any details provided?

**No, by owner**

- e. Where does the required underdrain behind the new bulkhead wall outlet?

**That is the responsibility of the design/build engineer.**

- f. Rip-rap for 6" drain pipe? Grades on underdrain and drain pipe?

**Provide 6" riprap at drain outlet. Revised Sheet C-1 includes invert elevations for the drain pipe.**

- g. What is the heavy black line coming off the westerly corner of the new slab and following the edge of the crushed stone back to the westerly end of the new bulkhead? If this is a curb, need detail and won't it trap water?  
**The 'heavy black line' referenced is the proposed edge of the reclaimed asphalt parking area.**
- h. There is no guardrail or curb stop to protect cars parking from the bulkhead edge. Do you intend for the bulkhead to be left high for this purpose with a notch for the pier deck?  
**Yes, raise the top of wall 12" to 18" above grade and provide adequate spacing for the pier deck.**
- i. Detail for cable float guides and number required.  
**See plan note on Sheet C-1.**
- j. The surface water from the new paved parking lot is to drain into the crushed stone behind the wall. Is this something that Bill approves of?  
**Yes**
3. Spec for wall requires a geotech to be hired by the contractor through the wall licensee. Is this your intent with Bill's report part of the documents?  
**A professional engineer licensed in the state of Maine is required for the design of the wall.**
4. Since sheeting installation and removal will be required to build the cofferdam to allow the bulkhead to be built in the dry, why wasn't a sheet pile bulkhead the construction choice for this project?  
**Multiple options were considered, a pre-cast concrete block retaining wall was chosen by the client.**
5. When will permits be obtained?  
**Permits are expected by 12/1/15.**
- 5a. Is the in water work timing for Sturgeon or is there another endangered species?  
**Timing is dictated by the Army Corps of Engineers.**
6. Bid due 11/17 and completion 4/1/16, when is work start date for this year?  
**Permits are expected by 12/1/15.**
7. When is work start date if completion is 4/1/17?  
**November 8, 2015 to April 9, 2017.**
- 7a. Would either completion date have a possibility of extension for the out of water work?  
**Yes –out of water work may go to May 1<sup>st</sup> of the given calendar year.**

8. Could the segmented precast concrete wall be substituted with epoxy coated steel sheet piles?

**No**

9. Schematic wall cross section does not indicate negative elevation at wall base. With river bed contour and elevation info provided by Summit as well as base material required, would the excavated elevation be a consistent 18' for river face wall?

9a. Verify block wall base does not include cast in place concrete

**This is the responsibility of the designer based on elevations provided, specifications, geotechnical report, and proposed retaining wall type.**

10. Verify existing timber wall is to be removed

**Yes**

- 10a. If timber wall is to be removed are there any as built plans?

**There are no 'as-built' plans available for the existing timber wall.**

- 10b. What would the horizontal timber removal work limits be for the stabilizing timber protruding into lot itself?

**The removal work limit shall match the work limit for the structural fill for the new wall.**

11. Verify work limits & boulder pile intention at NE corner.

**See Revised Site Plan Sheet C-1.**

- 11a. Is the submerged timber crib near NE boulders to be removed?

**Yes – to the property line.**

12. Is there any hydrology info at high tide?

**The Mean Higher High Waterline (MHHWL) and Apparent Mean Low Waterline is labeled on the As-built and Topographical Survey Sheet SV-1 and Boundary Survey Sheet SV-2.**

13. The existing steel & timber ramp is to be reused and construction of timber walkway approach it does not indicate material specs.

**Timber ramp is to be handled by owner.**

- 13a. Is the new float under the existing ramp part of this project? if so what specs?

**No, by Owner.**

14. Since storage space is limited and a large amount of landing excavation is required, how much (length & height) of the mock wall template is to be constructed?

**Mock wall templates are not required; see revised specification section 32 32 23: Segmental Retaining Wall.**

15. Does the under drain behind the block wall start NE upstream beyond existing boulders and drain at the southern corner?  
**By wall designer.**
16. Verify detail of contractor/sub-contractor responsibility of actual electrical hook up to shed once replaced for final set.  
**Contractor is responsible for bringing power underground to the shed and leaving 10' of additional wire. Owner will be responsible for actual connection.**
17. Is there a set destination for shed temporary storage?  
**Yes – See Addendum #1.**
18. Can the adjacent public parking lot be used for storage?  
**No – Owner to research possible storage locations.**
19. Is there any limit of blocking off entire entrance to landing so there would be no access of gravel boat launch?  
**No.**
20. Verify work limit of rip rap on other side of gravel launch and if end result is to eliminate launch approach.  
**See Site Plan Sheet C-1. The riprap is proposed for the west side of the existing launch.**
21. The reinforcement of structural fill is only accomplished with horizontal geogrid?  
**Reinforcement of structural fill is based on proposed design.**
22. Is there ledge? Summit narrative indicates possible but not in boring logs. Rock excavation section of specs discuss blasting procedures.  
**Ledge is not anticipated.**
23. Is CMP responsible for disconnecting the street light?  
**See revised Site Plan Sheet C-1. CMP is responsible for disconnecting the street light and utilities from the existing pole to be removed. Contractor is responsible for coordinating activities with all necessary utility companies. CMP is to bill owner directly.**
24. Concrete pads for shed?  
**Yes, see revised Site Plan Sheet C-1.**
25. Wall Batter?  
**Yes, wall Batter is acceptable per manufacturers specifications of  $\pm 5\%$ .**
26. Does the wall have to be built in the dry? –Is a sheet pile wall required?  
**If shoring is not used, the wall designer must demonstrate that the base of the wall will remain stable from sliding and overturning during its construction.**

27. What is to happen with the existing 'Welcome to Swan Island' sign?  
**See revised Site Plan Sheet C-1.**
28. Clarify beginning and end of wall and total length.  
**See revised Site Plan Sheet C-1.**
29. Is a radius allowed at east corner of wall?  
**Yes, see revised Site Plan Sheet C-1.**
30. Can we extend the parking lot construction activities?  
**Yes, out of water activities can be extended to May 1<sup>st</sup> of the given calendar year.**

**ITEMS ATTACHED TO ADDENDUM 2**

Plans attached to Addendum 2:

1. Civil Site Plan Sheet C-1 REV: November 6, 2015
2. Bidder List



**BIDDER LIST**  
**MAINE DEPARTMENT OF IF&W**  
**SWAN ISLAND LANDING BULKHEAD IMPROVEMENTS**

Project #	14-104
Bid Package Issued On:	10/23/15
Last Revised:	11/6/2015

<b>Contact Name</b>	<b>Company</b>
Kim Suhr	Wyman & Simpson, Inc.
Tom Linindoll	McGee Construction
Pat Dubay	Sargent Corp
Andy McCrum	Precast of Maine
Brett Plossay	Crooker Construction
Karen McKenzie	H.B. Fleming, Inc.
Andy Kittredge	CPM Constructors
Mark Reinsborough	Shaw Brothers
Charlie Guerette	Reed & Reed, Inc
Carl Jordan	Haley Construction – Redi-Rock
Lucinda Tilas	Chesterfield Associates

