

Delaware Division of Fish Wildlife: Reconstruction of the Millsboro Boat Ramp

Addendum #2 - Contractor Questions

<i>Question #</i>	<i>Page Index</i>	<i>Contractor's Question</i>	<i>Engineer's Response</i>
1	-	How will coordination regarding impacts to the tree to remain south of the project parcel be handled?	DFW would coordinate with the neighboring land owner. The contractor shall be responsible to contract a licensed arborist to perform pruning and limb trimming in accordance with ISA standards as directed prior to construction of the new aluminum sheet piles.
2	-	Is there any area available for staging and stockpiling?	The contractor shall be responsible to coordinate delivery, handling, and storage of all materials including docking materials provided by the Owner. Staging areas will be limited to the project parcel and shall not include the DeIDOT right-of-way.
3	-	Is the "Buy America" program applicable to this project?	No, the project is not subject to the Buy America requirements.
4	-	Will the Contractor be required to perform dewatering prior to fill placement behind the new bulkhead?	Dewatering shall be required. No fill shall be placed in submerged areas.
5	-	If dewatering is required, will stripping of any existing material be required prior to fill placement? If so, please define strip depth so fill quantity can be determined equally by all bidders.	No material shall be required to be stripped from the areas below the fill placement below the Ordinary High Water line.
6	-	The plans show mill & overlay of existing pavement. The overlay depth is shown to be 2". One soil boring shows the depth of existing pavement to be 2". So, 2" milling will completely remove the existing pavement. Is it your intent for these areas to only have 2" of HMA on existing subbase while the expanded area is 4" HMA on 6" GABC?	The milling depth shall be reduced from 2" to 1" in order to not completely remove the existing pavement. The mill and overlay areas shall include 2" of HMA underlain by the existing milled HMA and crushed stone subbase. The new, full depth pavement areas shall include the pavement sections as shown, 4" of HMA on 6" GABC.
7	-	Will the Contractor be responsible for loading and delivery of the dock materials? If so, from where?	The Contractor shall be responsible for accepting the delivery, storage, handling, and installation of the dock materials. The Contractor shall coordinate the delivery location with GD, following purchasing of the materials by DFW.

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8	C101	Note #4 on sheet C101 states using B borrow as fill in the new parking lot extension into the pond with 8" lifts and 95% compaction. Since B borrow is sand, can it be placed into the water without de-watering ? If de-watering is required is the new sheet pile wall designed to withstand the water load ? Would compaction tests be required on sand ?	No fill material (include B Borrow) shall be placed in submerged areas. All structures (including sheet piles) are design to be self-supporting and stable after construction is completed. It is the Contractor's responsibility to determine erection procedures and sequencing to ensure the safety of the structure, along with its components and all personnel. See Note #9 on Sheet C111 for additional detail. Compaction testing shall be required to confirm the compaction of each lift of fill material.
9	C101	Note #5 on sheet # C101 Please clarify if the geotextile fabric goes on the bottom, sides and top of the B borrow ?	The geotextile fabric shall be include on all sides of the fill material including the bottom, side, and top.
10	C109	On sheet # C109 please confirm the rebar locations of the #4 & #5's. See section 2-C109 & 3-C109 vs 4-C109	The rebar layout on details 2-C109 & 3-C109 shall be used. #4 rebar shall be used longitudinally down the ramp at 12" O.C. at the top and the bottom of the concrete section. #5 rebar shall be used laterally across the ramp at 12" O.C., inside the #4 rebar within the concrete section.
11	-	In Regard to Project Manual Section 31 62 19 Timber Piles for Environmental and Staging requirements at the current site will an alternate PierTech-Helical System be allowed. This process will limit the intrusion into the pond bedding and allow for a super Life expectancy to 12" Timber Piles called for. Please find attached Engineering Technical Specs for clarification...	DFW prefers 12" timber piles over the PierTech altenate suggestion.
12	-	Will #4 Steel Coated Rebar be substituted with #3 Gatorbar See attached Tech Sheet	#4 steel coated rebar shall be used as shown on the approved plans.
13	-	Will a Wood Bulkhead reinforced with Pier-Tech Helical Tie back be allowed instead of sheet pilings	The bulkhead shall be aluminum as shown on the approved plans, not wooden.