

NON-CONFIDENTIAL DESIGN-BUILD QUESTIONS
US 301 Over Four Hole Swamp - Project ID P0040308 - Orangeburg County

Final RFP - Round No. 3

Question No.	Category	Section	Page / Doc No.	Question/Comment	Discipline	Response
1	Attach_A	Exhibit_4a	3	Please clarify RFP language to reflect Clearing and Grinding is only required at the bridge site. Response to question 12 of RFP for Industry Review questions and answers conflicts with the below statement. Section 2.9 states "Clear and Grind in accordance with SCDOT Engineering Directive (ED) 29."	Roadway	Section 2.9 applies to both bridge site and Safety Improvements for the entire length of the project.
2	Attach_A	Exhibit_4a	3	If section 2.9 is intended to apply to the Safety Improvement area of the project and survey has not been provided for the limits of this area, there is no way to quantify the need for guardrail, ditch relocations, and installation of beveled pipe ends. Can this section be exclude from applying to the safety improvement area of the project?	Roadway	No, Section 2.9 applies to both the bridge replacement and safety improvements. An addendum will be issued to clarify and will include guardrail and end treatment quantities.
3	Attach_A	Exhibit_4b	4-5	Section 2.1.17 states "For protection of the pile, ensure concrete portion of the piles with points extend a minimum of 2 feet below final ground line or predicted scour line, whichever is deeper." Please clarify if the scour referenced in this statement is 100-year or 500-year scour.	Hydrology	Whichever is deeper. The requirement is related to corrosion protection to ensure the bridge foundation is protected at both the 100 year and 500 year scour events. Often the 500-year scour depth is deeper than the 100-year, but the lines may converge at non-scourable rock material.
4	Attach_A	Exhibit_4b	4-5	Section 2.1.17 states "For protection of the pile, ensure concrete portion of the piles with points extend a minimum of 2 feet below final ground line or predicted scour line, whichever is deeper." Please clarify desired depth of concrete portion of piles. Statement appears to require 2 feet below final ground line or predicted scour line, but could be interpreted as 2 feet below final ground line or 2 feet below predicted scour line, whichever is deeper.	Hydrology	Desired depth is 2 feet below final ground line or 2 feet below predicted scour line, whichever is deeper. Language was written to cover a variety of water crossing sites. The first condition (ground line) may control in a riverine situation where a pier coincides with an excavated, final ground line at an elevation that does not experience scour.
5	Attach_A	Exhibit 4e	2	Does the following statement from section 2.1 apply to the safety improvement section or only the bridge site and associated roadway approach work? "Design new and analyze existing closed drainage systems with GEOPAK drainage software"	Hydrology	Within project limits of bridge replacement work. This does not apply to the safety improvement section.





6	Attach_A	Exhibit 4e	2	Does the following statement from section 2.1 apply to the safety improvement section or only the bridge site and associated roadway approach work? "Replace 15-inch piping with minimum 18-inch piping at all locations where design warrants retaining pipes except for driveways and yard drain connections that meet design standards"	Hydrology	Within project limits of bridge replacement work. This does not apply to the safety improvement section.
7	Attach_A	Exhibit 5	38	The unit price of \$56.00 per square yard of eight (8) inch full depth asphalt pavement patching is low. Consider revising unit rate to \$85.00/SY.	Pavement	Unit rate will be revised to \$85.00/SY. An addendum will be issued to demonstrate the change.
8	Attach_A	Agreement	61-63	B. Defense and Indemnification Procedures. This section makes several references to Section I, Section II.C, Section II.C.2, Section C.1, Section II.C.3, and Section II.G, but these sections are either mis-labeled or missing. Please clarify.	Legal	An addendum will be issued to clarify.
9	Attach_A	Exhibit 5	19	"The Contractor shall monitor vibrations at no less than four locations at each specific site of construction activity along the perimeter of the project during all foundation and embankment construction activities." Does this statement apply if no structures are within 300 feet of vibration inducing construction activities?	Construction	No.

