

Question No	Questions	Response to Bidders	Date Responded
1	Can you confirm the directions of the tension (50 kips) and shear (95 kips) forces are as shown in red in the screenshot below?	See Addendum #1.	7/29/2026
2	On sheet 21 of 27, please confirm the change in compression seal type is only between roadway and sidewalk, not between roadway and raised curb. Roadway and raised curb would require the same 2.5" wide seal while the sidewalk would require 3" wide seal.	Please refer to Note 1 on sheet SD118 and Addendum #2.	7/31/2026
3	On sheet 24 of 27, main span joints, please confirm what work is required. It appears new strip seal joints are required at the roadway portion. What is required at the raised curb and sidewalk portions? Is new cover plate and armor required or just 5" compression seal?	Refer to sheet SD121 showing a new strip seal for the roadway between the curb/gutter units. Refer to sheet SD121 showing existing steel cover plates are to be removed and re-used. Refer to sheet SD121 showing new compression seal and bent plate armoring are required between the strip seal and edge of deck.	7/31/2026
4	Also on sheet 24 of 27, is the 4x8x1/4 bent plate shown in section E-E new or existing? If new, where is it required?	Refer to sheet SD121 showing new bent plates are required where existing concrete is of insufficient depth to accommodate the compression seal.	7/31/2026
5	Pavement Marking removal: We don't see a bid item or a specification for removing existing pavement markings, but there is 4,700 LF of new MMA striping. Please confirm whether removal of existing or conflicting permanent markings is required, and if so where it is paid, since there is no removal item.	See Addendum #2.	7/31/2026
6	The V-Wrap FRP system is designed in accordance with the AASHTO Guide Specifications for Design of Bonded FRP Systems for Repair and Strengthening of Concrete Bridge Elements (Second Edition, 2023) to provide the factored resistance specified on sheet SD113. Please confirm that this design approach is acceptable. 3. CFRP MUST EXTEND AT LEAST 20 FEET ON EACH SIDE OF PIER CAP AS SHOWN ON SHEET SD110. CFRP MUST HAVE A FACTORED RESISTANCE OF 95 KIPS FOR SHEAR CAPACITY AND 50 KIPS FOR TENSILE CAPACITY ON EACH CANTILEVER.	Please refer to Section 6-15.1 of the project manual for design specifications.	7/31/2026

Bidder Question Responses

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7	FRP calculations are based on normal-weight concrete with an assumed minimum compressive strength (f_c) of 3,000 psi. Please confirm that this assumption is acceptable.	Please refer to Note 17 on Drawing GD002 for design specifications of the existing structures.	7/31/2026
8	On sheet GD002, the CFRP thickness is specified up to 0.1". However, the required V-Wrap FRP system requires a thickness of up to 0.2" to satisfy the design requirements. Please confirm that an FRP thickness of up to 0.2" is acceptable.	See Addendum #2.	7/31/2026
9	Please confirm that the FRP may be extended beyond the required strengthening region at the top and bottom to improve its effectiveness.	See Addendum #1.	7/31/2026
10	Regarding the FRP protective coating, V-Wrap system is assumed to receive two coats of Tstrata TC protective coating. Please confirm that this coating system is acceptable	Please refer to Section 6-15 of the project manual for coating requirements.	7/31/2026