

## Q&A

Updated May 20, 2019 1:35 PM

1. Is sand from the river channel either in or out of the restricted areas-an allowable fill material?

Sand from the river channel cannot be used as an allowable fill material.

2. Can gradations or other requirements be provided for an Approved Sand material?

With respect to gradation, all granular materials maybe be used as long as they are relatively free or organic materials(less than 2% by weight), free of debris and do not have any particles 3 inches or larger.

3. Sheet 2 of 8 in special plan 3 indicates phasing on the existing bridge repairs. Does the phasing shown on sheet 2 align with the project phasing to allow phase 2 bridge repair work- on the superstructure and approach sections- to be performed after the August 1<sup>st</sup>, 2019 phase 1 completion date?

No, this phasing does not correlate with the phasing of the project. The bridge repairs need to be completed prior to opening the existing bridge and temporary road to public traffic. The phasing details on Sheet 2 of 8 in special plan 3 refers to construction traffic only, not the traveling public.

4. We understand that considerable effort has been put forth to arrive at the current design for the temporary bridges, however a lesser cost may be offered depending on the contractor's current available materials. Assuming that a contractor would offer preliminary engineered drawings and calculations for NDOT's review and acceptance in an expedited manner, would alternate designs be considered for the temporary bridges?

No approvals for alternate structures for the temporary bridges will be granted prior to bid opening. NDOT will consider other options proposed by the Contractor after letting.

5. The notes call for all structural steel to be A709. Would the NDOT consider alternate material that meets the same standards since this is a temporary bridge with an accelerated schedule? This would only be applicable to the temporary bridge. Materials such as A36, A572, A529 especially for plate and channel sections.

No approvals for alternate materials for the temporary bridges will be granted prior to bid opening. NDOT will consider other options proposed by the Contractor after letting.

6. Would NDOT provide the design calculations and geotechnical documents for the temporary bridge and the permanent bridges?

All available geotechnical information is contained within the bid plans (for both projects). NDOT will not provide the design calculations for the temporary bridges nor the permanent bridges.

7. In a previous question, it was stated that contractor cannot use fill from river to construct project. Can NDOT define limits of river we cannot get fill from?

Fill cannot be removed from river below Ordinary High Water (OHW) mark.

8. Can we burn flood debris? If not, please advise as to the appropriate disposal of debris.

Clearing and Grubbing, Section 202.02 Paragraph 4a states "Disposal shall be in accordance with all local, State, and Federal regulations"

9. Please provide these documents and delivery timeframe for all applicable documents listed in A.1.b.i-.xiv

The department does not have a definitive timeframe for these documents. They will be available when completed. The contractor can commence work prior to receiving the documents.

10. Would NDOT allow non-domestic steel for any of the temporary bridge substructure?

Yes, non-domestic steel may be used for any component which will not be permanently incorporated into the project.

11. The requirement of 1/8" in 10 feet of tolerance on temp pavement appears to be very restrictive considering the posted speed limit is 25 mph. We would suggest 1/4" in 10 feet of tolerance.

The temporary surfacing specifications will not be adjusted.

12. Due to the work starting after April 1<sup>st</sup> and ending prior to September 1<sup>st</sup>, will the Migratory Bird Compliance requirement be waived?

Yes, an addendum will be issued to clarify.

13. Special Plan No. 1, Sheet S7(N-12), Special Plan No. 1, Sheet S5(US-281).

If there is any geotechnical information, such as a Geotechnical Baseline Report or Geotechnical Data Report, beyond what is listed on the referenced sheet, please provide. In addition, we would like to have the design calculations for the new permanent bridge foundations and the UCS of the shale bedrock(US-281 Specifically)

Do to the softness of the shale, core samples were not taken and therefore UCS are unavailable for US 281. Blow counts are shown on the boring logs.

14. Fourth paragraph in this section (SP&P, Paragraph 1. Construction Schedule) states that all riprap shown on G12 and G15 shall be in place and accepted by March 15, 2021. Should this requirement pertain to the riprap on G13 and G16 instead?

Yes, an addendum will be issued to clarify.