



RFP 21MCO582

In response refer to RFP No. 21MCO582 Addendum 1 and Response to Questions August 27, 2021

Gentlemen/Ladies:

In this addendum, we have revised the drawings, revised the bid tab initially found in the specification, and added an alternate traffic plan. We have also included the Union Pacific Railroad Consent letter. Please see the 4 attachments for these items. **A mandatory follow up pre-bid meeting will be held via Teams on Friday September 3, 2021 at 11am.** The following questions have been asked according to the instructions of the bid and are hereby answered:

1. Please address sheet number multiples.
Sheet numbers have been corrected. All responses below reference the corrected sheet numbers.
2. Which set of detail requirements (City, County, TxDOT) is to be followed for each detail?
As stated on Sheet 1, General Note 5: "All materials and construction shall conform to the following, in order of precedence, (1) Details shown in these plans and specifications, (2) Texas Department of Transportation – 'Standard Specifications for Construction of Highway, Streets and Bridges'." Although the project is located in the City of Midland, a combination of TxDOT, Midland County, City of Midland, and other details are included in the plans as needed. It is intended that the details included in the plans be followed for the various aspects of construction, not a blanket set of details from one entity.
3. What concrete strength is required for various construction types?
Concrete strength requirements are listed in the detail for each application. Sheet 3 states what strength is required for roadways. Sheet 5 states what strength is required for pipeline caps. Sheet 7 states what strength is required for manhole and valve box adjustments. Sheet 9 states what strength is required for the culvert and wingwalls. Sheet 17 states what strength is required for curb and gutter. For any items not listed herein, see the corresponding detail in the plans.
4. What riprap detail is to be used?
Protection stone riprap shall be used in accordance with the note in the plan view on Sheet 34.
5. Clarify which concrete island detail is to be used?
The detail for "Item 536-6001 Concrete Median" shall be used.
6. City of Midland driveway details paved per square foot rather than per each, please adjust.

The driveway items have been adjusted to have a unit of square yards. Please be advised that despite the change in units, the City of Midland driveway detail is not being used on this project. See Question 7 below.

7. Please provide a detail for what is required for the commercial driveways.
The detail required for driveways is added to the plan set on Sheet 4.
8. Please provide clarification on traffic control plan and phasing, i.e. what are the stations for sequencing and work to be done in each zone?
The stationing for each phase is listed at the bottom right corner of each page in the sheet title. The work to be done in each phase includes all traffic and construction items necessary to complete each phase before proceeding to the next phase. A suggested sequence of work is given in the plans. It will be the contractor's responsibility to use whatever means necessary to ensure project safety throughout the course of construction.
9. Please clarify the use or lack of use of the Railroad Concrete Crossing Panels.
Railroad Concrete Crossing Panels shall be installed for the railroad spurs that cross at approximately Sta 66+57 and Sta 87+33. Notes on the plan and profile sheets have been updated to reflect this.
10. Culvert plan & profile sheet 37 only refers to Sta 33+75. Does this apply to both crossings?
No, there is only a culvert proposed at the crossing at Sta 33+75. This is now Sheet 39.
11. Can the contractor do two lifts? First lift in each phase and second lift at the end of the project?
The asphalt specification, TxDOT Item 340, states for Type D the minimum lift thickness is 1.5 inches and the maximum is 3 inches. One or two lifts is allowed in accordance with the specification.
12. Storm Manholes at Sta 96+60 and Sta 97+60 – this is an end of run inlet, not a manhole. Is there information on where it goes or its material? If it ties to the storm drain at 97+60, it will need to be capped.
Sta 96+60 RT is a sanitary sewer manhole and is proposed to be adjusted to final grade. The plans have been revised to show the inlets at Sta 97+11 RT and Sta 97+60 LT to be protected in place and should be graded to drain. These inlets appear to drain into a 11.42' by 7.25' CMP arch pipe that runs from north to south and drains outside of the project site limits.
13. At Sta 104+70, there are two drainage inlets or structures. Are these to be replaced, or just removed? Clarification on the underground pipes requested as well.
These are to be removed as shown on Sheet 28 and replaced as shown on Sheet 38. The storm drain pipes, sanitary sewer pipes, and water lines shown in the profile are a representation of what is existing and intended to be protected in place.
14. Please provide existing top of inlet and proposed top of inlet elevations for storm sewer manhole (inlet) adjustment.
Top of grate elevations for the proposed area drains at Sta. 104+70 are shown on Sheet 38. Existing top of grate elevations for the inlets to be protected in place are now shown on Sheet 28.
15. Does the earthwork quantity include embankment?
Yes.

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16. Is each phase equal earthwork and haul off, or will cut from one phase be needed for another?

Cut material from each phase should not be needed as fill for other phases.

17. Earthwork, does this number include ditches?

Yes.

18. There are 8 driveways with hatching, 4 with cross hatching. Please clarify and verify what the legend for the hatching.

The hatching has been corrected to match the legend.

19. Bid item for caliche driveways – is that in the base item or is that a different driveway line item?

Item 10, Flexible Base (Roadway) does not include base material for driveways. All material for driveways shall be included in the driveway bid items.

20. We count 9 commercial driveways, not 8. Please advise.

This has been updated in the bid quantities.

21. We need bid items for the 3'x2' culvert and SETs.

This has been updated in the bid quantities.

22. Sheet 16 TxDOT Misc. Details – Concrete C&G detail, general Note. 3. “Fiber in lieu of reinforcing steel is acceptable”. Can we use fiber instead of steel or will fiber be in addition to steel?

For this project, rebar will be required.