

## Espejo Gates Questions:

1. The Schedule of Values has a Base Bid, Alternate 1, and Alternate 2. Is it required that the Contractor bid all three of these? Or just one that he deems most economical ?

All three bids will be taken into account.

2. The Earthwork Tabulation Sheet 18 depicts a total Cut Volume of 545 CY and a total Fill Volume of 109,923 CY. The Schedule of Values has Item No. 6 Excavation, 7,200 CY, and Item No. 7 Embankment, 75,000 CY. Please explain these differences.

Both Sheet #18 and Items # 6 and 7 were both incorrect and updated on Addendum #3 to the project. The new quantity values for Item #6= 6,300 CY and Item #7 75,000 CY

3. Please provide a Typical Section for Pay Item 45 Construction Detours. If a SY quantity is available, that would also be helpful.

Entire Espejo Gates road is planned to be closed during construction period.

4. Please provide a BCS "Box Culvert Supplement" summary sheet detailing Concrete Quantities (CY) for Wingwalls and End Treatments.

A BCS has been prepared and will be submitted with Addendum #3

5. Please revise the TxDOT Item. We are assuming that the intent was 247-6041.

Txdot item has been revised to 247-6045 for type b (caliche)

6. Please show the proposed location of the Geogrid. We are assuming the Geogrid will be placed directly on the Subgrade, prior to the installation of the 12" Flex Base Layer.

The geo grid will be placed on top of the 7" lime subgrade, and under the 12" caliche.

7. Please clarify that the Lime Treatment (7 IN) is for the uppermost 7 inches of the Flex Base Layer and not the lower 7 inches of Flex Base. Lime Treating the lower 7 inches of the proposed flex base would require special methods to prevent damage to the Geogrid.

The lime treatment will be located at the bottom of the proposed typical section, mixed with the natural excess soil in the area. As advised by the Geotech of the project.

8. What type of Flex Base is required for the Project ? The Schedule of Values, Pay Item 55, Pay Item 59, Pay Item 59.1, and Pay Item 59.2 use the TxDOT Item 247-6041 AND are described as "caliche". TxDOT Item 247-6041 is Flex Base TY A, which is crushed stone, not Caliche, which is generally described as Flex Base TY B or Flex Base TY E. As an additional note, Plan Sheets 6 and 7 (Typical Sections) show the Flex Base as TY B, Plan Sheet 8 shows the Flex Base with TxDOT Item 247-6041 (TY A) but listed in the table as Flex Base TY B, and Plan Sheet 9 shows Flex Base TY A, which is different from the Typical Sections. Please provide some clarifications.

Correction on Item: 247-6045 Type B caliche,  
And for the alternates #1 and #2, should also be Caliche and not crushed stoned.

\*items on "Schedule of Values" have been changed and there will be included in Addendum #3

9. What kind of geo grid will be used for project?

The Type of geo grid will be type 5 or equal to.