

ROCKWALL COUNTY
RFP FOR CONSTRUCTION FOR CRENSHAW ROAD
EAST PROJECT

ADDENDUM NO. 04

Q1. Will there be a designated area for a construction storage yard or batch plant for the above referenced project?

A. No.

Q2. We noticed that there are two separate bid items, G9 and P3, both described as "6" Concrete Driveway" for the above mentioned project. Could you please clarify the difference between these two bid items and explain the intended use or location for each? We want to make sure we are assigning the correct quantities and pricing to the proper item.

A. Item G9 is intended to be for the removal of the existing roadway surface. There is an error on bid proposal form and summary of quantities that will be corrected with an addendum issued next week.

Q3. What is the difference between the two pay items G9 and P3? It appears that 6" driveway is doubled up on.

A. Item G9 is intended to be for the removal of the existing roadway surface. There is an error on bid proposal form and summary of quantities that will be corrected with an addendum issued next week.

Q4. Will embankment be paid by the unit cubic yard or is it a plans quantity payment?

A. Embankment will be a plans quantity payment.

Q5. Can we reuse the striped topsoil on site or will it need to be imported?

A. Stripped topsoil can be reused.

Q6. Could there be a pay item for topsoil?

A. No.

Q7. On Sheets 6 and 8, there is a callout for "Remove Existing Road" with a quantity of 4,668 SY. Could you please clarify the required scope of this operation, including the following:

What thickness is to be removed?

What is the existing material composition?

Can the removed material be reused as fill elsewhere on this project?

Since there does not appear to be a separate bid item for this operation, please confirm which bid item this work is to be included under.

A. Thickness of the existing road is assumed to vary. - Seal coat, rock, bladed on thin hot mix pavement. - Yes, if excavated materials meet specifications of plans and referenced geotechnical report. - Item G9 is intended to be for the removal of the existing roadway surface. There is an error on bid proposal form and summary of quantities that will be corrected with an addendum.

Q8. The current condition of Crenshaw Road will most likely not support the delivery of materials required for this project such as imported borrow material, concrete trucks, and concrete beams, especially during wet weather conditions. We believe that this road will need to be improved prior to the delivery of these heavy loads. Can you add an allowance bid item to cover costs associated with temporary improvement of Crenshaw Road?

A. No, an additional item will not be added. This will be considered means and methods and should be accounted for subsidiary to the existing bid items.

Q9. There is no FD Standard sheet for drill shafts. Will it be added?

A. Yes. TxDOT detail MS-FD-24 will be added to the set.

Q10. The plans do not have any notes about requiring epoxy coated rebar. Is black rebar to be used on the bridge slab?

A. Epoxy coated rebar is not required on the bridge slab.

Q11. In response to you answer to question Q22 in Addendum 3, all boring logs in the geotech report indicate soils that are well above 35 PI, with the exception of one that is 35. It appears that the vast majority of the soil required to be excavate for this project is not within the specifications recommended in the geotech report, which states "We recommend embankment fill have Plasticity Index (PI) of less than 35 and free of debris and organics." Is the intent to remove all excavated soil from the project and construct all embankment with imported material that meets these criteria? Will soil with PI greater than 35 be allowed for embankment in areas outside of the footprint of the pavement?

A. All embankment material shall meet material meet specifications of plans and referenced geotechnical report.

Q12. Will broken concrete be allowed for the 12" stone riprap?

A. No.

Q13. How will the proposed calendar days to final completion be evaluated for award? Is there a scoring system for price plus duration?

A. Proposed contract time will be reviewed for responsiveness to the solicitation requirements and to confirm the bidder's responsibility to complete the work within the proposed timeframe. Contract time is not a scored or ranked evaluation factor. Award will be made to the lowest responsive and responsible bidder in accordance with the solicitation and applicable Texas law. No combined or weighted evaluation of bid price and contract time will be performed unless specifically stated in the solicitation.

Q14. Which posts are required for MBGF (timber or steel)?

A. Steel posts will be required.

Q15. Will the bridge deck require mechanical grooving?

A. Yes.

Q16. What is the requirement for bridge deck surface finish? Broom finish? Or Groove?

A. Requirements are shown in the TxDOT Standard Specification Item 422.4.11

Q13. How will the proposed calendar days to final completion be evaluated for award? Is there a scoring system for price plus duration?

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Q14. Which posts are required for MBGF (timber or steel)?

A. Steel posts will be required.

Q15. Will the bridge deck require mechanical grooving?

A. Yes.

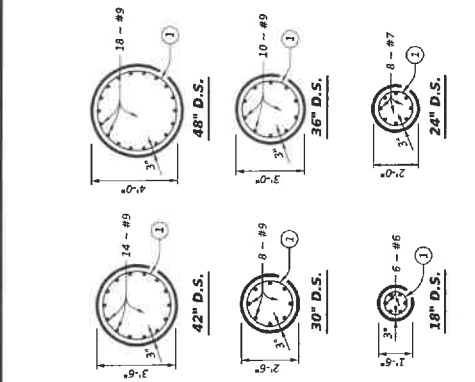
Q16. What is the requirement for bridge deck surface finish? Broom finish? Or Groove?

A. Requirements are shown in the TxDOT Standard Specification Item 422.4.11

Bidder Acknowledgement: _____

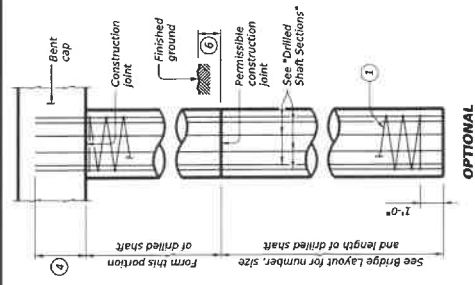
TXDOT detail ms-FD-24

Addendum No. 04 Q9

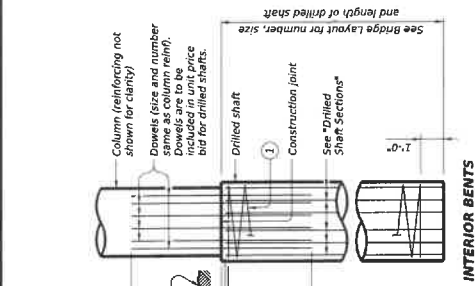


DRILLED SHAFT SECTIONS

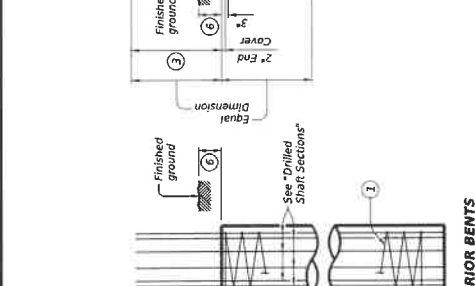
- 1 #3 spiral at 6" pitch (one and a half flat turns top and bottom).
- 2 Min extension into supported element:
#6 Bars = 1'-11"
#8 Bars = 2'-3"
- 3 Min lap with column reinf:
#9 Bars = 3'-9"
#11 Bars = 4'-8"
- 4 Min extension into supported element:
#6 Bars = 1'-11"
#8 Bars = 2'-3"
- 5 Drilled shafts may extend to the bottom of bent caps for "H" heights of 6 ft and less (as shown on the Bridge Layout). If approved, drilled shaft diameter equals the column diameter. Obtain approval of the forming contractor and the designer. Payment will be made if this option is used.
- 6 1'-0" Min, unless shown otherwise on plans.
- 7 Or as shown on plans.



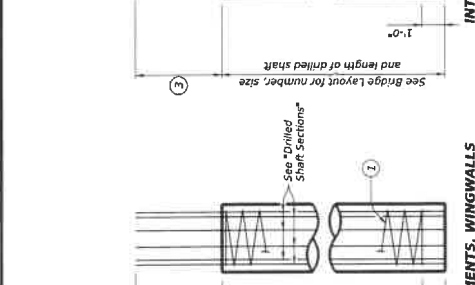
OPTIONAL INTERIOR BENT DRILLED SHAFT DETAIL



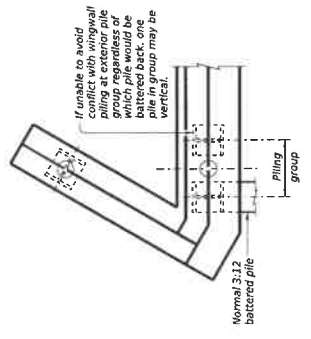
INTERIOR BENTS DRILLED SHAFT DIA GREATER THAN COLUMN DIA



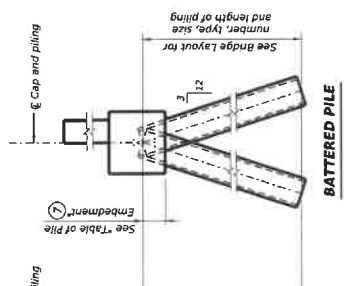
INTERIOR BENTS DRILLED SHAFT DIA EQUAL TO COLUMN DIA



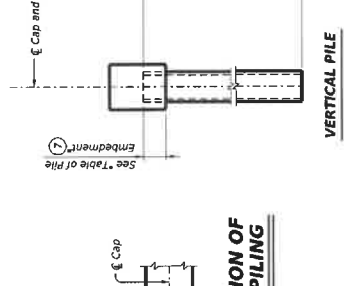
ABUTMENTS, WINGWALLS AND MULTI-DRILLED SHAFT FOOTINGS



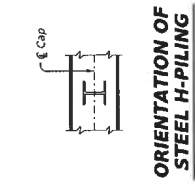
DETAIL A
(Showing plan view of a 30° skewed abutment)



BATTERED PILE



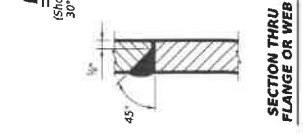
VERTICAL PILE



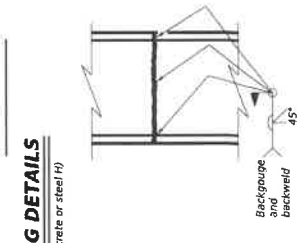
ORIENTATION OF STEEL H-PILING

TABLE OF PILE EMBEDMENT	
Pile Type	Embedment Depth (ft)
18" Sq. Concrete	1'-0"
18" Dia. Steel	
HP14 Steel	
20" Sq. Concrete	1'-6"
24" Sq. Concrete	
HP16 Steel	
HP18 Steel	

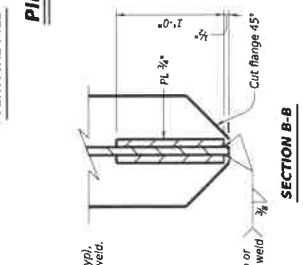
See Prestressed Concrete Piling (CPI) standard for additional details on concrete pile embedment.



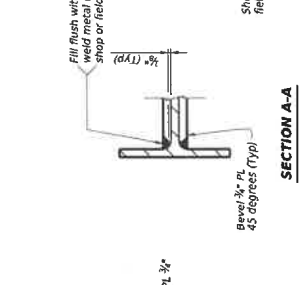
SECTION THRU FLANGE OR WEB



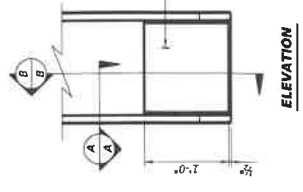
SECTION B-B



SECTION A-A



SECTION B-B



ELEVATION

STEEL H-PILE TIP REINFORCEMENT

See Item 027 "Steel Piling" to determine when tip reinforcement is required and for options to the details shown.

COMMON FOUNDATION DETAILS

FD

SHEET 1 OF 2

Texas Department of Transportation

Bridge Design Standard

Project No.	Revision	Date	Drawn	Checked	Reviewed
MS-FD-24-09p	00000-2024	08/08/24			
TXDOT	TXDOT	TXDOT	TXDOT	TXDOT	TXDOT
Sheet No.	Count	Job	Contract	Division	Project

