



Request for Proposal, 18MCO532
In response refer to RFP No. 18MCO532 Addendum 1 (one)
September 14, 2018

Gentlemen/Ladies:

Please note that there have been changes made to the original request for proposal. These changes are provided below and on the following pages of this addendum. This document also contains questions submitted by prospective bidders and responses to those questions from Dunaway.

REVISED PART D BID QUANTITIES OF ATTACHMENT A

ADDITION OF PIPELINE CAP DETAILS OF ATTACHMENT B

QUESTIONS/ANSWERS:

1. Bids are due 9/27/18, award 10/8/18. Is there a start no later than date, or a bid start date? Can the Contractor identify a start date after award?
Construction schedule and start date are flexible and open to contractor's identification.
2. What is the basis of award? Can Phase I and Phase II be awarded to different contractors? Is award on Phase I or both Phases?
Intention is to award a bid to a singular contractor. Project was split into phases for budgetary reasons.
3. Can the roadway be closed to through traffic?
No, the contractor must maintain at minimum one-way traffic.
4. Is the relocation of the power pole cost by contractor? Has the power company been contacted?
Yes the cost is by the contractor, please refer to the note on the cover sheet stating: "If any existing utility poles, power poles, guy wires, telephone utilities, etc. are found to be in conflict with these construction plans, the contractor shall contact the appropriate utility company and coordinate the relocation of any/or all such utilities (no special pay)."
5. Item #13, Asphalt Excavation is by the CY, what is the removal of thickness, and area? Where is the locations(s)
The only asphalt being removed is the areas where the new asphalt is being installed. Please refer to the Geotechnical report for existing asphalt thickness.
6. Where is the imported fill located? Is 3D digital information available to check quantities and locations?
The contractor will need to source the imported fill in accordance with Note 1 on Sheet 2, Typical Sections. 3D digital information will not be provided for bidding.

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7. Item #5, Prime, what material is acceptable? What is the application rate used for the quantity?
MC-30, AE-P, EAP&T, and PCE, as stated in the specification for Item 300: Asphalts, Oils, and Emulsions, are acceptable materials to be used for Prime. The application rate is dependent on the material used and should be sufficient to reduce dust and provide good adhesion. Too high of a rate will inhibit proper adhesion. IF AE-P, EAP&T, or PCE are used, adequate penetration into the base material must also be ensured. Please include in your bid which of these specific materials and the application rate you are intending to use.
8. Item #6, what grade of flexible base is required?
Please refer to Note 3 on Sheet 2, Typical Sections.
9. The base item is by the SY for 11" base, what about the 8" & 6"?
This item should state "Flexible Base" not "11 Flexible Base." Because it is the intent to reuse the existing base material and add extra material to the total an 11" thickness, the thickness to be added varies along the roadway. The naming convention will be revised in Addendum No. 1.
10. The base quantity does not appear to correct, can it be checked?
Quantity & Units revised per Addendum No. 1
11. Item #7, TxDOT allows up to 3" of the Item 340, Type D to be placed in one lift, is this acceptable?
No, two (2) lifts will be required in accordance with TxDOT's Pavement Manual.
12. Item #9 & #10 indicate striped, should this be solid?
Revised per Addendum No. 1.
13. Item #15, 16 ea – 32' x 25' Pitched Conc Pmt section, I only find 4 locations, none of them are 25' long?
Concrete pitched pavement section lengths vary by installation. Quantities broken down into individual 32' x 25' sections for ease of quantifying. (Example: At Sta. 10+100, the plans call for 32' x 175' pitched concrete pavement section which equates to seven (7) – 32' x 25' pitched concrete pavement sections.)
14. Sheet #37, there is no detail for the Overflow structure. Detail A-A, & B-B are for the rock check dam. Can you provide the dimensioned cross sections?
See Silt Fence Stone Overflow Structure detail on Sheet 37.
15. Sheet 11-13, 16-19, & 23 show 17ea hatched driveways. They reference detail sheet 2. Are these quantities in excavation, subgrade, and base items?
Yes, the material quantities for the driveways were included in the excavation, subgrade and base material items.
16. Sheet 1, general notes indicates testing by contractor, is this correct?
Testing is to be provided by the County. The note on Sheet 1, General Notes, refers to any retesting required, or extra testing requested by the engineer is at the contractor's expense.
17. Removal of gravel driveways, 10 ea, is this in the excavation?
Yes, this quantity is included in the excavation.
18. Where is the pipeline cap located? $60' \times 5'/9 = 33.33$ sy, not 11 sy? Class A is 3000 psi, detail requires 3500 psi, what is required?
Please see the revised detail stating 3500 psi for concrete. Unit quantities revised per Addendum No. 1. The 11 each Pipeline cap quantity was determined based off survey data of location of pipelines and assumed pipeline depths. Final deliverable quantity may vary depending on actual pipeline depths determined by field locating during construction.

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19. What about a schedule? A roughly start date?
Construction scheduling and start date are flexible and open to contractor's identification.
20. Does this RFP require a Bid Bond?
No.
21. Both phases have excavation and import fill. Is all of the excavation used for embankment and we need the import to complete grades? No embankment bid item.
Yes, the Excavation and Import Fill bid items are to be used to complete grades as shown on the plans. The (TxDOT) embankment bid item is not used, as the material for Improt Fill is specified in Note 1 on Sheet 2 of the Plans.
22. Item 17, 60' x 5' Pipeline Cap, 11sy, I found 8 locations on the plan & profile sheets. $60' \times 5' \times 8' = 2,400 \text{ sf} / 9 = 266.7 \text{ sy}$, please clarify quantities.
Quantities and units revised per Addendum No. 1.
23. Is Phase II a standalone bid?
Project intended to be single road construction project; but split into phases based off available budget and engineer's Opinion and Probable Construction Cost.
24. Item #12, Asphalt Excavation is by the CY, what is the removal thickness, and area? Where is the location(s)?
The only asphalt being removed is in the areas of roadway where the new asphalt is being installed. Please refer to the Geotechnical report for existing asphalt thickness.
25. Item #14, 17 ea – 32' x 25' Pitched Conc Pmt section, I only find 4 locations, none of them are 25' long?
Concrete pitched pavement section lengths vary by each installation. Quantities broken down into individual 32' x 25' sections for ease of quantifying. (Example: At Sta. 10+100, the plans call for 32' x 175' pitched concrete pavement section which equates to seven (7) – 32' x 25' pitched concrete pavement sections.)
26. Sheet 27, 29-30, 33-34, & 36 show 7ea hatched driveways. They reference detail sheet 2. Are these quantities in excavation, subgrade, and base items?
Yes, the material quantities for the driveways were included in the excavation, subgrade and base material items.
27. Removal of gravel driveways, 7 ea, is this in the excavation?
Yes.
28. Pipeline cap detail, Class A is 3000 psi, detail requires 3500 psi, what is required?
3500 psi. She sheet revision.
29. Bid item #15 32'x26' Pitched Concrete Pavement Section 16 EA, the plans show 17 EA?
Please see revised quantity sheets per Addendum No. 1.
30. Bid Item #17 60'x5' Pipeline Cap 11 SY, according to the plans, this quantity should be 8 EA (not SY)?
Please see revised quantity sheets per Addendum No. 1.
31. Bid Item #15 32'x25' Pitched Concrete Pavement Section 17 EA, the plans show 16 EA?
Please see revised quantity sheets per Addendum No. 1.

WARNING TO CONTRACTOR:

CALL 811 (TEXAS 811) OR OTHER UTILITY LOCATING SERVICES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. DUNAWAY ASSOC., L.P. IS NOT RESPONSIBLE FOR KNOWING ALL EXISTING UTILITIES OR DEPICTING EXACT LOCATIONS OF UTILITIES ON DRAWINGS.

CRITICAL:

LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND ARE BASED ON PUBLIC RECORDS. THE CONTRACTOR IS COMPLETELY RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES, BOTH HORIZONTALLY AND VERTICALLY, BEFORE THE COMMENCEMENT OF ANY CONSTRUCTION.

UTILITY RELOCATION NOTE:

IF ANY EXISTING UTILITY POLES, POWER POLES, GUY WIRES, TELEPHONE UTILITIES, ETC. ARE FOUND TO BE IN CONFLICT WITH THESE CONSTRUCTION PLANS, THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANY AND COORDINATE THE RELOCATION OF ANY/OR ALL SUCH UTILITIES (NO SPECIAL PAY).

STATE PLANE COORDINATE NOTE:

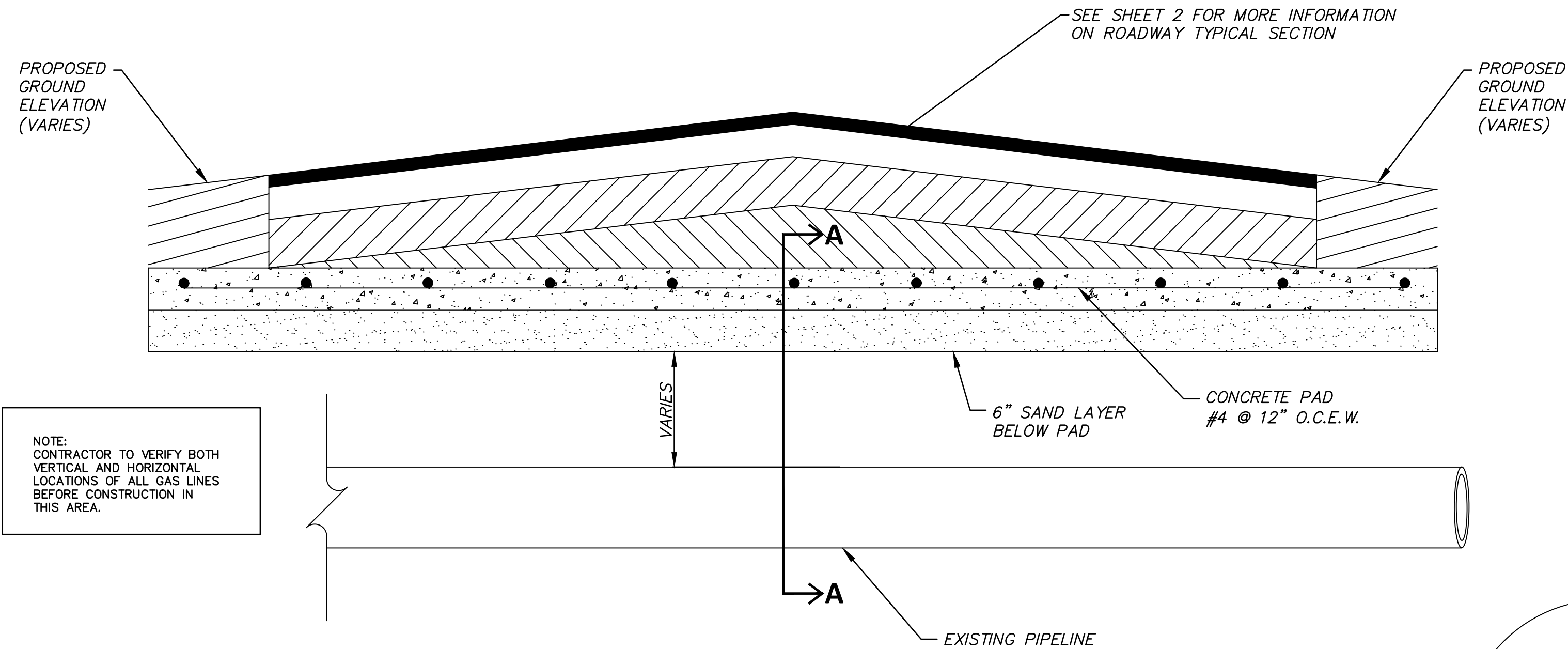
THE BASIS OF BEARINGS SHOWN HEREON IS THE TEXAS COORDINATE SYSTEM OF 1983, CENTRAL ZONE 4203, AND BY GPS OBSERVATIONS MADE IN THE FIELD. COORDINATE VALUES ARE NAD83 GRID. ALL DISTANCES ARE SURFACE VALUES. A COMBINED GRID FACTOR OF 0.999899 WAS USED FOR THIS PROJECT.

OFF-SITE BENCHMARK INFORMATION:

FOUND NGS MONUMENT "Z 1451" BENCHMARK DISC SET IN THE SOUTHEAST ABUTMENT OF A BRIDGE OVER U.S. HWY 80, 148.9FT NORTH-EAST OF THE NEAR RAIL, 9.3FT EAST-SOUTHEAST OF A UTILITY POLE. PUBLISHED ELEVATION: 2875.28' NAVD88 DATUM.

SITE BENCHMARK:

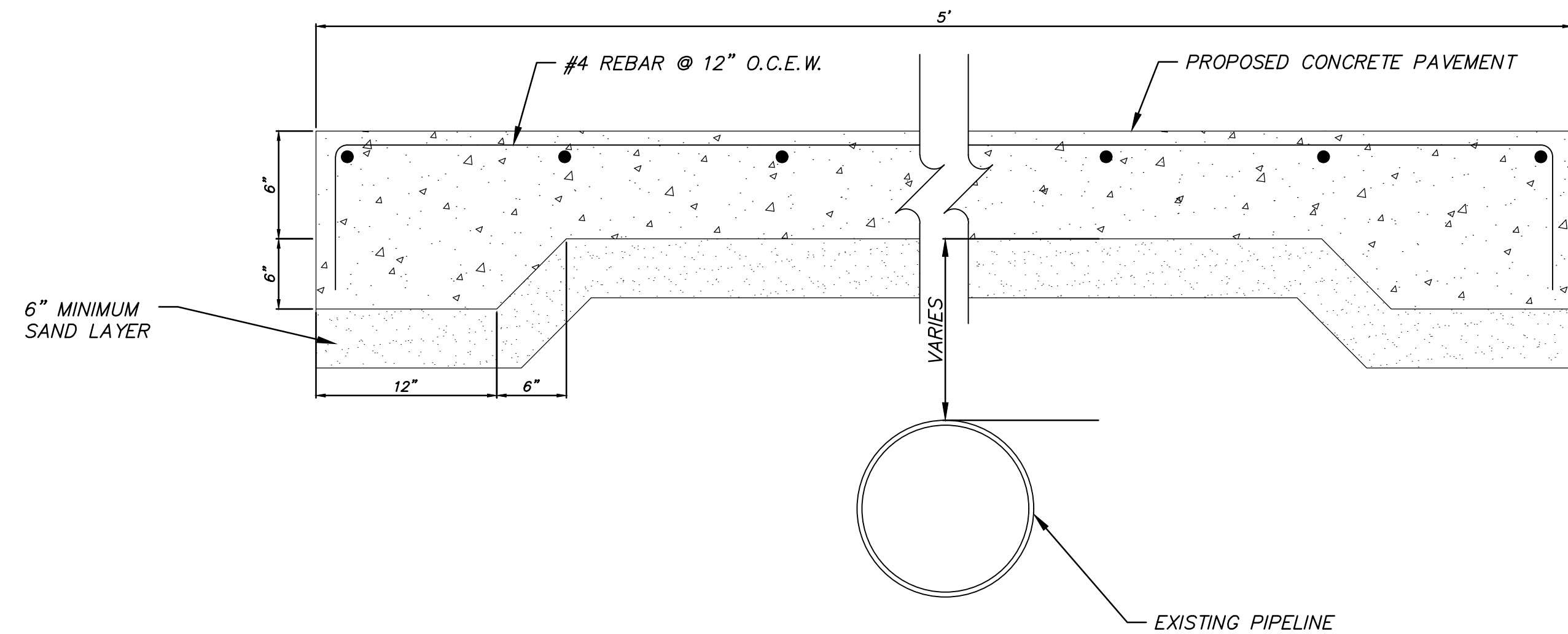
SET 5/8" IRON ROD WITH RED CAP STAMPED "DUNAWAY CONTROL" NEAR THE INTERIOR ELL CORNER OF A WELL PAD, APPROX. 765' WEST OF FM 1788 AND APPROX. 3400' NORTH OF U.S. HWY 80. NAD83 GRID COORDINATES: N: 10,370,711.46' E: 1,709,814.32' NAVD88 ELEVATION = 2889.37'.



NOTE: CONTRACTOR TO VERIFY BOTH VERTICAL AND HORIZONTAL LOCATIONS OF ALL GAS LINES BEFORE CONSTRUCTION IN THIS AREA.

STANDARD CONCRETE CAP FOR PIPELINE CROSSINGS

NOT TO SCALE



SECTION A-A PIPELINE CAP CROSS SECTION

NOT TO SCALE

NOTES:

1. CONCRETE SHALL HAVE A MINIMUM OF 5 SACKS OF CEMENT PER CUBIC YARD AND A MINIMUM 28 DAY COMPRESSION STRENGTH OF 3500 P.S.I.
2. MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO TxDOT STANDARD SPECIFICATIONS.
3. REINFORCEMENT SHALL BE #4 BARS AT 12" ON CENTER EACH WAY.
4. CONTRACTOR TO VERIFY BOTH VERTICAL AND HORIZONTAL LOCATIONS OF ALL GAS LINES BEFORE CONSTRUCTION IN THIS AREA.
5. WIDTH AND LOCATION TO BE BASED ON SLAB EXTENDED APPROXIMATELY 2'-6" BEYOND OUTSIDE PIPE ON BOTH SIDES.
6. CONTACT PIPELINE OWNER A MINIMUM OF 48 HOURS PRIOR TO WORKING IN THIS AREA.
7. NO LESS THAN SIX INCHES OF SAND OR EQUIVALENT CUSHION BETWEEN THE BOTTOM OF THE SLAB AND TOP OF EXISTING PIPELINE.

FULL PATH: C:\p\hvac\2018\09\01\001\001.dwg

FILENAME: TYPICAL DETAILS.dwg
PLOTTER: JPL-Plotter
PLOT DATE: 10/15/2018

1	REVISE NOTE 1	JAS	9/20/18	JRA	DESIGNED
				JRA	DRAWN
				BIB	CHECKED
NO.	REVISION	BY	DATE		

**MIDLAND COUNTY
MIDLAND, TEXAS**

SCALE	DATE
HORIZ N/A	JULY 2018
VERT N/A	
WATER NUMBER N/A	COUNTY NUMBER N/A
SEWER NUMBER N/A	DOE NUMBER N/A

DUNAWAY

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BROOKS I. BACA
P.E.# 95580

MIDLAND COUNTY COUNTY ROAD 1160	DA PROJECT B001484.021
PIPELINE CAP DETAILS	SHEET 38

Paving, Grading, and Drainage Improvements to serve County Road 1160 - Phase I

County Project No. Roadway Improvements to serve Midland County					
Base Bid		Quantity	Unit	Unit Price	Total
Item	Description				
1	Preparation of R.O.W. (60' ROW)	172	STA		
2	Excavation/Earthwork	9,641	CY		
3	Imported Fill	2,989	CY		
4	Subgrade Preparation	68,472	SY		
5	Prime Coat	4,083	GAL		
6	Flexible Base	13,610	CY		
7	HMA Pavement - 3" thickness - Type D	10,499	TON		
8	Sawcut Existing Asphalt (full depth)	233	LF		
9	Reflective Marking (Type 1) 4" Double Yellow Solid	17,118	LF		
10	Reflective Marking (Type 1) 4" White Solid	34,236	LF		
11	24" Stop Bar Pavement Marking	75	LF		
12	Surface Preparation for Pavement Marking	51,354	LF		
13	Asphalt Excavation - 1.5" thickness	2,181	CY		
14	Asphalt Haul Off	2,181	CY		
15	32'x25' Pitched Concrete Pavement Section	17	EA		
16	Pitched Concrete Pavement Section at Intersection (250 SY)	1	EA		
17	60'X5' Pipeline Cap	11	EA		
18	Erosion Control	1	LS		
19	Traffic Control	1	LS		
20	Mobilization	1	LS		
TOTAL BASE BID					

Paving, Grading, and Drainage Improvements to serve County Road 1160 - Phase II

County Project No.					
Roadway Improvements to serve Midland County					
Base Bid		Quantity	Unit	Unit Price	Total
Item	Description				
1	Preparation of R.O.W. (60' ROW)	129	STA		
2	Excavation/Earthwork	8,032	CY		
3	Imported Fill	444	CY		
4	Subgrade Preparation	51,484	SY		
5	Prime Coat	2,644	GAL		
6	Flexible Base	8,814	CY		
7	HMA Pavement - 3" thickness - Type D	7,894	TON		
8	Sawcut Existing Asphalt (full depth)	48	LF		
9	Reflective Marking (Type 1) 4" Double Yellow Solid	12,871	LF		
10	Reflective Marking (Type 1) 4" White Solid	25,742	LF		
11	Surface Preparation for Pavement Marking	38,613	LF		
12	Asphalt Excavation - 1.5" thickness	1,430	CY		
13	Asphalt Haul Off	1,430	CY		
14	32'x25' Pitched Concrete Pavement Section	16	EA		
15	60'X5' Pipeline Cap	3	EA		
16	Erosion Control	1	LS		
17	Traffic Control	1	LS		
18	Mobilization	1	LS		
		TOTAL BASE BID			