



Request for Proposal, 19MCO557

In response refer to RFP No. 19MCO557 Addendum 1 and Response to Questions December 27, 2019

Gentlemen/Ladies:

Please note that there have been changes to the specifications made to the original request for proposal. These changes are provided on pages 4 through 13 of this addendum. This document also contains questions submitted by prospective bidders and responses to those questions.

1. Sheet 10 shows temporary HMAC for detouring traffic. What is the pavement section? What is the quantity? The detail shows 22' +, what is the minimum width of roadway or minimum width of temporary HMAC?

A minimum of two – 11' lanes will be required to be kept open at all times and it will be the responsibility of the contractor to use temporary HMAC pavement as required in the field to keep the minimum stated condition. Temporary paving section shall be 2" HMA over 6" Flexible Base. Temporary paving sections will not require testing but shall be compacted enough to support traffic. All costs associated with traffic control shall be included in the traffic control bid item.

2. Sheet 10 calls for the removal of existing traffic control & lane marking, what is the quantity, type of removal, and payment item? Are work zone markings required?

Any traffic control or lane markings that conflict with the contractor's work area shall be removed. Work zone markings are not required unless the safety of the traveling public is compromised without them. All costs associated with traffic control shall be included in the traffic control bid item.

3. Is the driveway gravel section 6" or 8"?

Driveway gravel section is 8".

4. Is the excavation, and subgrade for the driveways included in the quantities?

The excavation is included in the earthwork item. The subgrade shall be included in the driveway bid items.

5. There are 5 driveways on the West side of Fairgrounds that are not identified in the legend, 47+80, 55+50, 56+40, 87+50, 89+10. What is required? What is the section?

Please see revised plan and profile sheets issued with these RFI responses.

6. Ignore the alternate section on sheet 2?

No, a revised bid tab for the Base Bid and one for the alternate section Bid is now included.

7. What is the prime application rate used in the proposal?

For the estimate included in this bid Dunaway used 0.3 gal/sy. There are multiple materials accepted for use as Prime in the specification called "Item 300: Asphalts, Oils, and Emulsions." MC-30, AE-P, EAP&T, and PCE, are stated in the specification as acceptable. 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.

The tack coat rate application included in the Alternate Bid is estimated the same as the prime rate. The application rate is dependent on the material used and should be sufficient to provide good adhesion. Please include in your bid which specific materials and application rate you are intending to use.

8. What is the HMAC application rate used in the proposal?

For the estimate included in this bid, Dunaway used 115 lbs/sy*in. HMA shall be placed and tested in accordance with Item 340 for Type D and Type B.

9. Where is the concrete pavement removal at FM-307 bid item? What is the thickness?

The existing concrete pavement section in question is now shown in the revised bid tab and revised Overall Roadway Stationing sheet 15. The thickness of the existing concrete pavement is unknown at this time, but the bid should be based on full-depth removal.

10. Has the City of Midland seen and approved the plans?

Yes.

11. Has the 12" water line depth been determined for adequate coverage with the 6":11":3" section?

It is the responsibility of the contractor to verify location and depth of utilities. Contractor shall notify the county and engineer of conflicts prior to commencing construction.

12. Where are the 11 ea pipeline caps?

Pipeline caps are to be utilized anywhere an existing pipeline does not have adequate cover. The need for a pipeline cap will be verified during construction once the pipeline depth has been determined. The quantity listed in the bid tab is anticipated.

13. Will time be suspended for any utility relocates?

Time may be suspended for relocation only. If any work can be done on other areas of the project while waiting on relocations, that work should be done. For example, if the contractor is waiting on utility relocations at Sta 56+00, work can be done from Sta 5+00 to 55+00 or 57+45 to the end during that time.

14. Is the curb & gutter 3000 psi?

Yes

15. Is the digital information available?

No.

16. You have a bid item to Relocate Mailboxes, 1 LS, but do not show any to be relocated?

Contractor is to relocate any mailboxes that conflict with the proposed roadway construction. If the contractor is able to construct around an existing mailbox, and the location of the mailbox does not contradict the intent of the design, it shall be protected in place.

Reconstruction of South Fairgrounds Road

Roadway Improvements to Serve Midland County					
		Quantity	Unit	Unit Price	Total
Base Bid					
Item	Description				
1	Preparation of R.O.W. (60' ROW)	86	Sta.		
2	Relocate Mailboxes	1	L.S.		
3	Remove Concrete Curb or Curb and Gutter	183	L.F.		
4	Remove Concrete Pavement (full depth)	1,079	S.Y.		
5	Sawcut Existing Asphalt (full depth)	483	L.F.		
6	Asphalt Excavation - 1.5 inch depth (average)	1,464	C.Y.		
7	Asphalt Haul Off	1,464	C.Y.		
8	Earthwork	22,677	C.Y.		
9	Haul Off	22,677	C.Y.		
10	Subgrade Preparation	39,226	S.Y.		
11	Prime Coat	9,485	Gal.		
12	Flexible Base (Roadway and Driveways)	10,674	C.Y.		
13	HMA Pavement - 3" thickness - Type D	5,454	Ton		
14	Concrete Pavement at Intersections	1,810	S.Y.		
15	6" Concrete Driveways	928	S.Y.		
16	6" Concrete Curb and Gutter	180	L.F.		
17	Concrete Pads for Exist. Water Valves	6	Ea.		
18	Concrete Pads for Exist. Sanitary Sewer Manhole	1	Ea.		
19	60'x5' Pipeline Cap	11	Ea.		
20	Reflective Marking (Type 1) 4" Double Yellow Striped	85	Sta.		

Reconstruction of South Fairgrounds Road

Roadway Improvements to Serve Midland County		Quantity	Unit	Unit Price	Total
Base Bid					
Item	Description				
21	Reflective Marking (Type 1) 4" Broken Yellow Striped	2	Sta.		
22	Reflective Marking (Type 1) 4" White Striped	4	Sta.		
23	18" Stop Bar Pavement Marking	40	L.F.		
24	Surface Preparation for Pavement Marking	91	Sta.		
25	IN SM RD SN SUP&AM TY10BWG(1) SA (P)	9	Ea.		
26	Aluminum Signs	61	S.F.		
27	Erosion Control	1	LS		
28	Traffic Control	1	LS		
29	Mobilization	1	LS		
TOTAL BASE BID					
CONSTRUCTION START DATE					
TOTAL CALENDAR DAYS					



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:

COORDINATES PROVIDED ARE RELATIVE TO THE TEXAS STATE PLANE COORDINATE SYSTEM (NAD83), CENTRAL ZONE 4203; ALL COORDINATES, BEARINGS, AND DISTANCES ARE NAD83 GRID VALUES.

OFF-SITE BENCHMARK INFORMATION:

CITY OF MIDLAND BENCHMARK AP-03, A 2-INCH ALUMINUM CAP STAMPED AP3, LOCATED AT THE SOUTHWEST CORNER OF THE INTERSECTION OF BENTON ST. AND INDIANA AVE. PUBLISHED ELEVATION: 2772.55' NAVD88 DATUM

BENCHMARK:

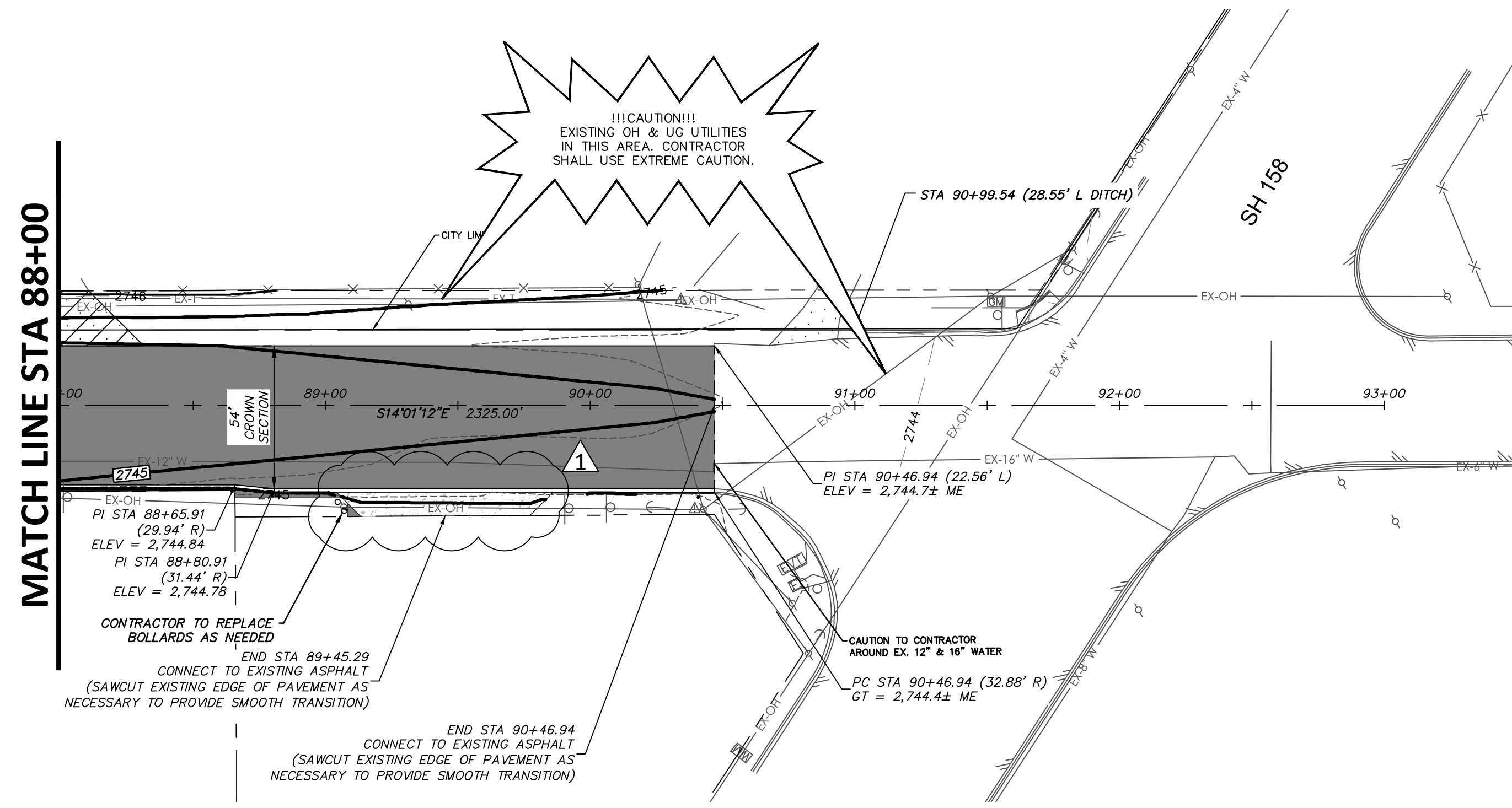
CP-100 A 5/8" IRON ROD WITH RED CAP LOCATED 310' SOUTH OF THE CENTERLINE OF THE EAST CITY VIEW ROAD, ON THE WEST SIDE OF FAIRGROUNDS ROAD. NAD83 GRID COORDINATES: N: 10,691,251.84' E: 1,766,288.86' ELEVATION = 2748.81'

OFF-SITE BENCHMARK INFORMATION:

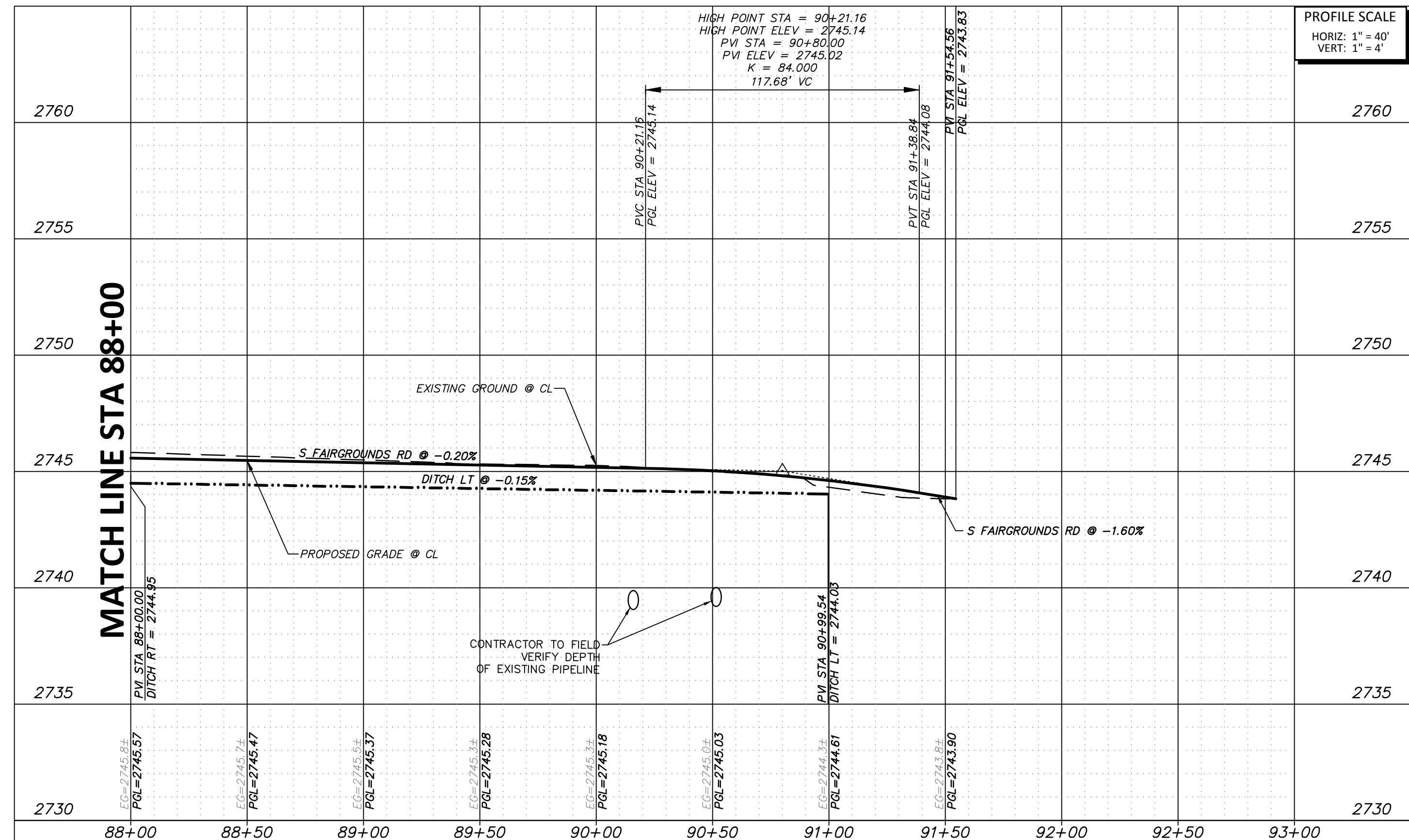
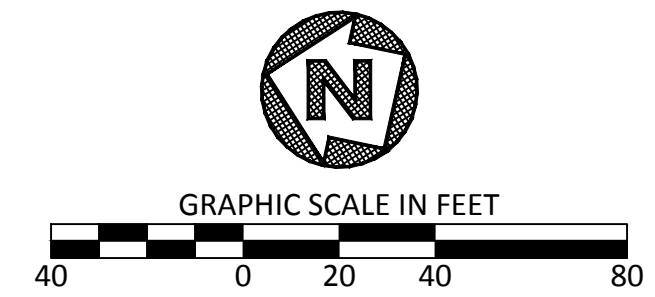
CITY OF MIDLAND BENCHMARK AP-04, A 2-INCH ALUMINUM CAP STAMPED AP4, LOCATED AT THE SOUTHWEST CORNER OF THE INTERSECTION OF CLAY ST. AND INDIANA AVE. PUBLISHED ELEVATION: 2767.64' NAVD88 DATUM

BENCHMARK:

CP-101 A 5/8" IRON ROD WITH RED CAP LOCATED 475' NORTH OF THE CENTERLINE OF THE EAST INDIANA AVENUE, ON THE EAST SIDE OF FAIRGROUNDS ROAD. NAD83 GRID COORDINATES: N: 10,695,515.09' E: 1,765,078.61' ELEVATION = 2775.78'



S. FAIRGROUNDS ROAD



FULL PATH: G:\production\4001\065601\66691001\CAD\Drawings\Plan\Sheet\065601_Plan.dwg
 FILENAME: 065601_Plan.dwg
 PLOTTED BY: jmlb
 PLOTTED AT: 12/23/2019 10:21:01 AM

1	RESPONSE TO RFIS	JLB	12/20/2019	TNN
				DESIGNED
				TNN
				DRAWN
				JLB
				CHECKED
NO.	REVISION	BY	DATE	CHECKED

**MIDLAND COUNTY
MIDLAND, TEXAS**

SCALE
HORIZ
1"=40'
VERT
1"=4'
DATE
NOVEMBER
2019

DUNAWAY
4000 N. Big Spring Street • Suite 101 • Midland, Texas 79705
Tel: 432.699.4889
[TX REG. F-1114]

STATE OF TEXAS
BRIAN W. ADKINS
100284
PROFESSIONAL ENGINEER
PROJECT ENGINEER
12/23/2019
DATE

MIDLAND COUNTY PRECINCT 2	DA PROJECT B005669.001
S. FAIRGROUNDS ROAD MIDLAND COUNTY, TEXAS	SHEET
ROADWAY PLAN AND PROFILE STA 88+00 TO STA 93+00	24