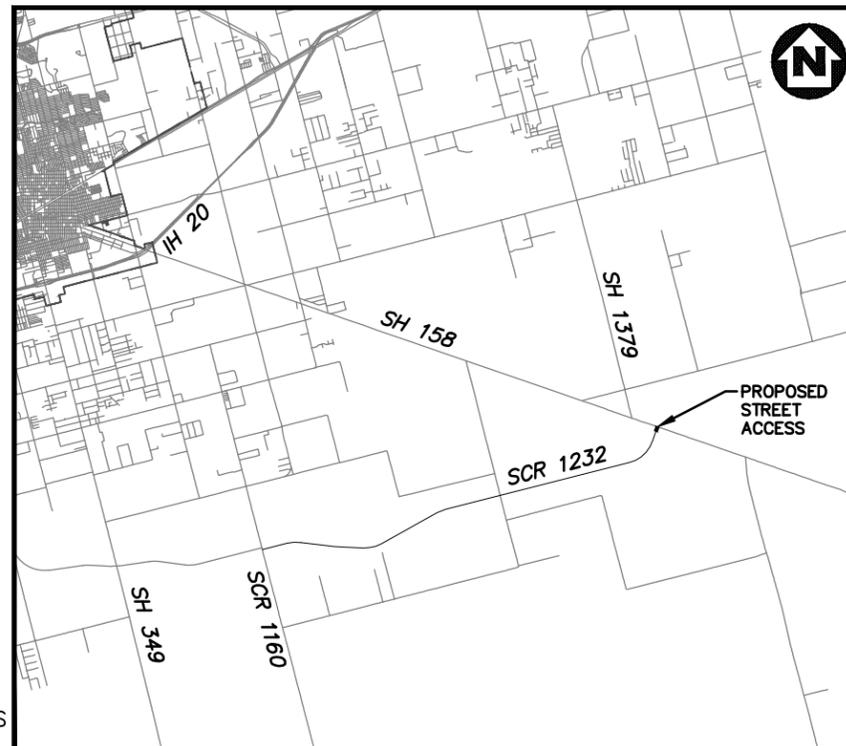


MIDLAND, TEXAS

DRIVEWAY PERMIT PLAN SET FOR THE TEXAS DEPARTMENT OF TRANSPORTATION

SH 158 (SOUTH RIGHT-OF-WAY) APPROXIMATELY 2,950' ± SOUTHEAST OF SH 1379

TYPE: FOR THE CONSTRUCTION OF STREET ACCESS CONNECTION
CONSISTING OF: PAVING & CULVERTS



SITE LOCATION MAP

N.T.S.

MIDLAND COUNTY
ODESSA DISTRICT

JUNE 2021



4000 N. Big Spring Street • Suite 101 • Midland, Texas 79705
Tel: 432.699.4889
FAX: 432.699.4889

1 RESPONSE TO BID QUESTIONS 11/16/21

DESIGN SPEED

SH 158 = 75 MPH

INDEX OF SHEETS

- 1. COVER SHEET
- 2. GENERAL NOTES
- 3. OVERALL LAYOUT
- 4. TYPICAL SECTIONS-SH 158
- 5. TYPICAL SECTIONS-SCR 1232
- 6. TCP SEQUENCE OF WORK
- 7. DRIVEWAY PLAN AND PROFILE
- 8. SH 158 PLAN (1 OF 2)
- 9. SH 158 PLAN (2 OF 2)
- 10. CULVERT 1 PLAN AND PROFILE
- 11. SIGNS & PAVEMENT MARKINGS PLAN
- 12. SIGNS & PAVEMENT MARKINGS PLAN - SH 158 (1 OF 2)
- 13. SIGNS & PAVEMENT MARKINGS PLAN - SH 158 (2 OF 2)
- 14. SUMMARY OF SMALL SIGNS
- 15. EROSION CONTROL PLAN

*TXDOT STANDARDS

- 16. BC(1)-14
- 17. BC(2)-14
- 18. BC(3)-14
- 19. BC(4)-14
- 20. BC(5)-14
- 21. BC(6)-14
- 22. BC(7)-14
- 23. BC(8)-14
- 24. BC(9)-14
- 25. BC(10)-14
- 26. BC(11)-14
- 27. BC(12)-14
- 28. DOM(1)-15
- 29. DOM(2)-15
- 30. DOM(3)-15
- 31. DOM(4)-15
- 32. PM(1)-20
- 33. PM(2)-20
- 34. PM(3)-20
- 35. SCP-5
- 36. SCP-MD
- 37. SETB-FW-0 SHEET 1 OF 3
- 38. SETB-FW-0 SHEET 2 OF 3
- 39. SETB-FW-0 SHEET 3 OF 3
- 40. SETP-CD SHEET 1 OF 2
- 41. SETP-CD SHEET 2 OF 2
- 42. SRR 1 OF 2
- 43. SRR 2 OF 2
- 44. SMD (GEN)-08
- 45. SMD (SLIP-1)-08
- 46. SMD (SLIP-2)-08
- 47. TCP(2-5)-12
- 48. TSR(4)-13
- 49. WZ(RS)-16

* THE STANDARD SHEETS, SPECIFICALLY IDENTIFIED IN THIS INDEX OF SHEETS, HAVE BEEN SELECTED BY ME OR UNDER MY RESPONSIBLE SUPERVISION AS BEING APPLICABLE TO THIS PROJECT.

6/16/21



Brian W. Adkins

BY SEALING AND SIGNING THESE PERMIT PLANS AS A PROFESSIONAL CIVIL ENGINEER LICENSED TO PRACTICE IN THE STATE OF TEXAS, I CERTIFY THAT THE PROPOSED DRIVEWAY OR PUBLIC STREET CONNECTION(S) TO THE STATE ROADWAY MEETS OR EXCEEDS THE MINIMUM STOPPING SIGHT DISTANCE REQUIRED FOR A POSTED SPEED OF 75 MPH, BASED ON THE MOST RECENT TXDOT DESIGN MANUAL REQUIREMENTS.

ALL CONSTRUCTION WITHIN THE STATE RIGHT OF WAY WILL REQUIRE COMPLIANCE TO TXDOT STANDARD SPECIFICATIONS, STANDARD PLANS, AND TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION, NOVEMBER 1, 2014, AND SPECIFICATION ITEMS LISTED AS FOLLOWS SHALL GOVERN ON THIS PROJECT FOR ALL WORK WITHIN THE STATE RIGHT OF WAY.

TRAFFIC CONTROL MUST BE MAINTAINED THROUGHOUT THE DURATION OF WORK WITHIN TXDOT ROW.

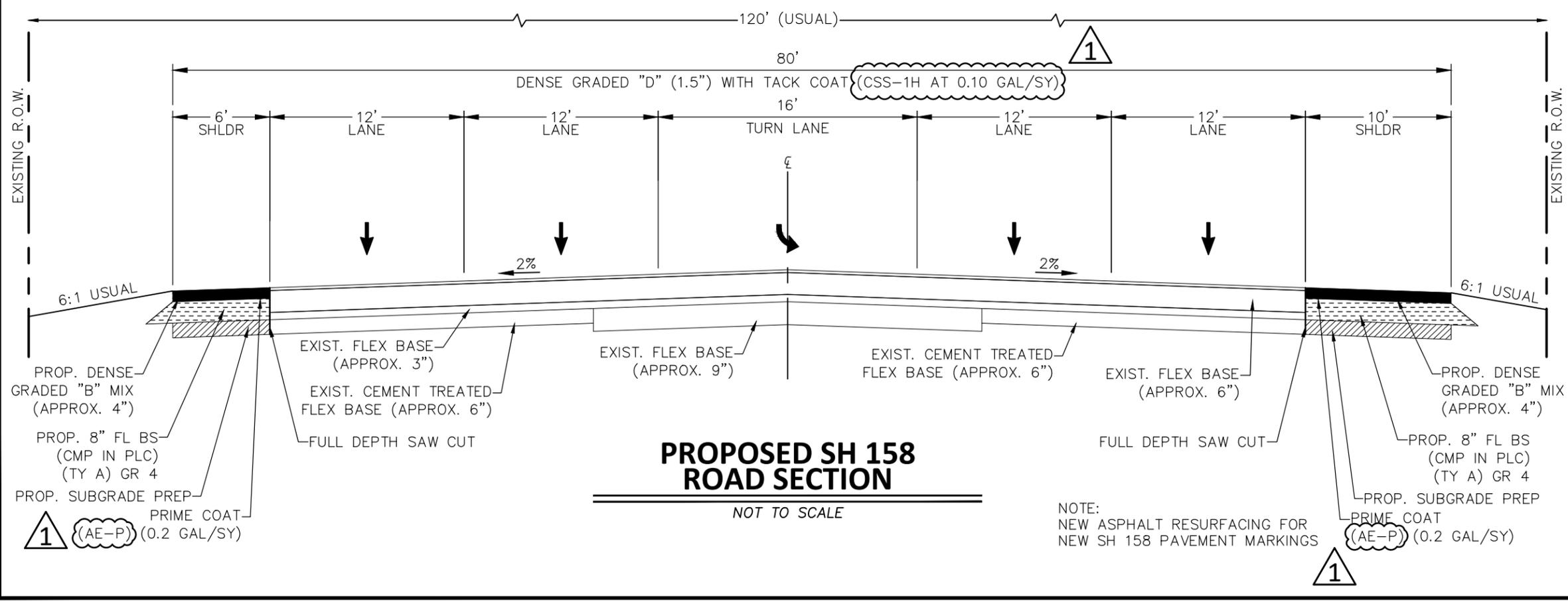
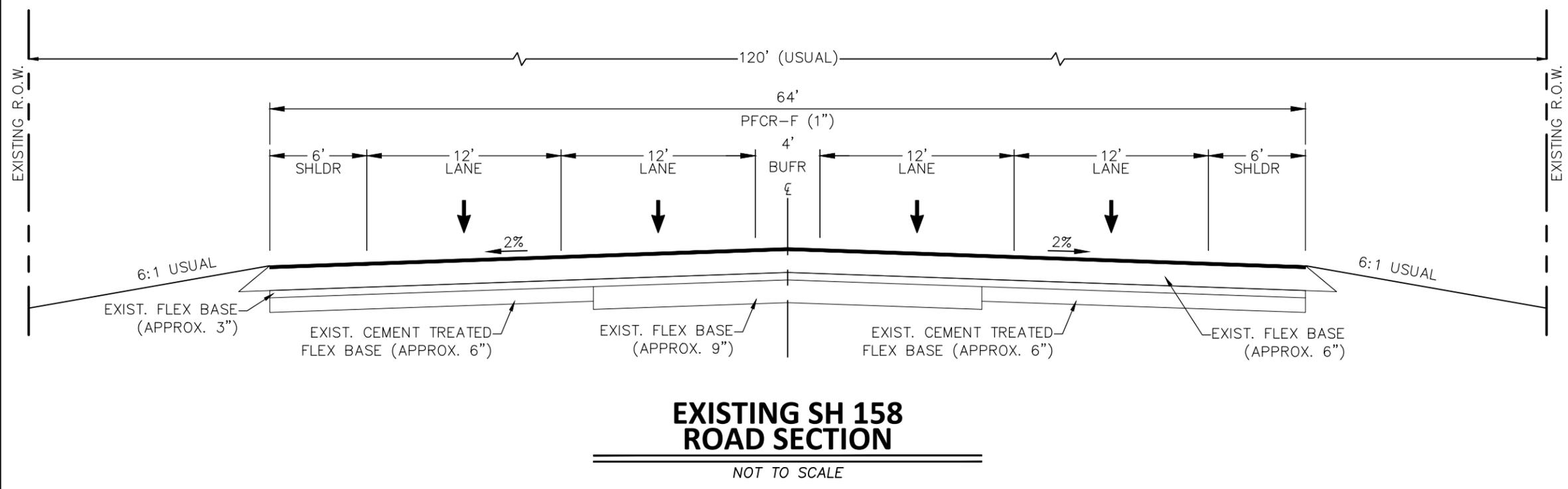
NO CONSTRUCTION SHALL BE PERMITTED WITHIN TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) RIGHT OF WAY PRIOR TO TXDOT APPROVAL AND ISSUANCE OF PERMIT.

NO EQUATIONS
NO EXCEPTIONS
NO RAILROADS

FULL PATH: G:\Production\500\001\400\B001\484\Design\012\Drawings\Plot_Sheets\TXDOT_Plans

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PLOTTED BY: Cristian Alonso

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6/16/21

Brian W. Adkins

DATE	BY	REV	REVISION
11/16/21	BWA	1	RESPONSE TO BID QUESTIONS 11/16/21

DUNAWAY 4000 N. Big Spring Street
Suite 101
Midland, TX 79705
432-699-4889
TX REGISTERED ENGINEERING FIRM F-1117

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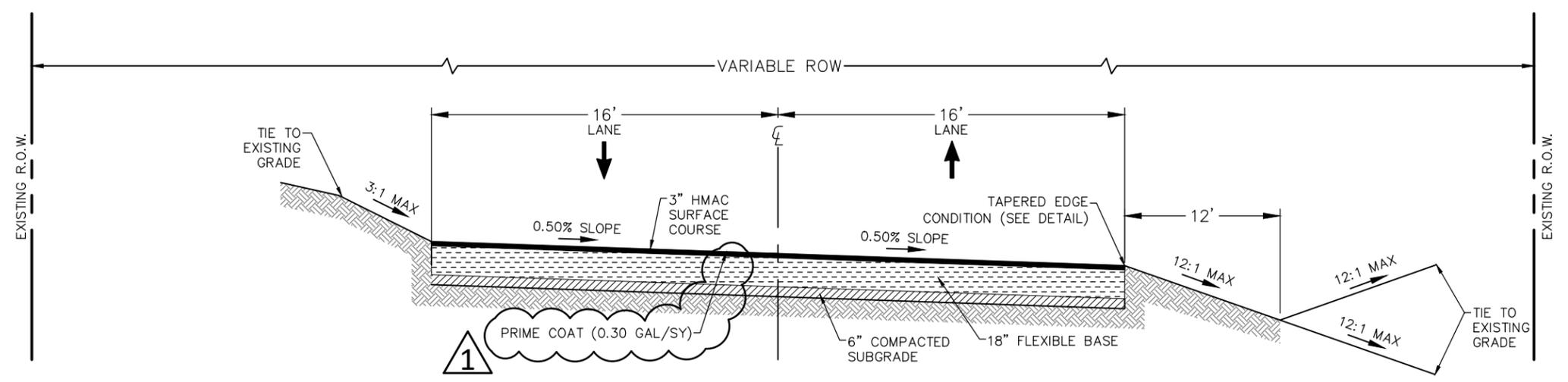
SH 158 @ SCR 1232 DRIVEWAY PERMIT

**TYPICAL SECTIONS
EXISTING AND PROPOSED**

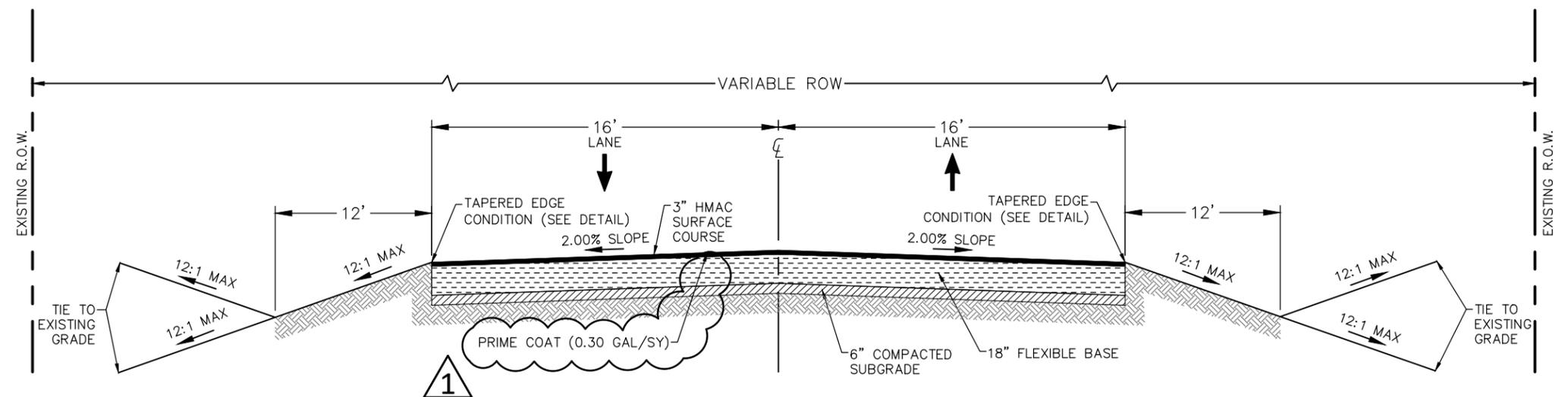
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6	TEXAS		SH 158		
STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
ODA	MIDLAND	N/A	N/A	N/A	4

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FILENAME: TYPICAL SECTIONS.dwg
 PLOTTED BY: Cristian Alonso
 PLOTTED WITH: _DWG To PDF.pc3



**PROPOSED SCR 1232
 PITCHED ASPHALT
 PAVEMENT TYPICAL SECTION**
 NOT TO SCALE



**PROPOSED SCR 1232
 TYPICAL CROWN
 ROAD SECTION**
 NOT TO SCALE

6/16/21

Brian W. Adkins

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11/16/21	BWA	1	RESPONSE TO BID QUESTIONS 11/16/21

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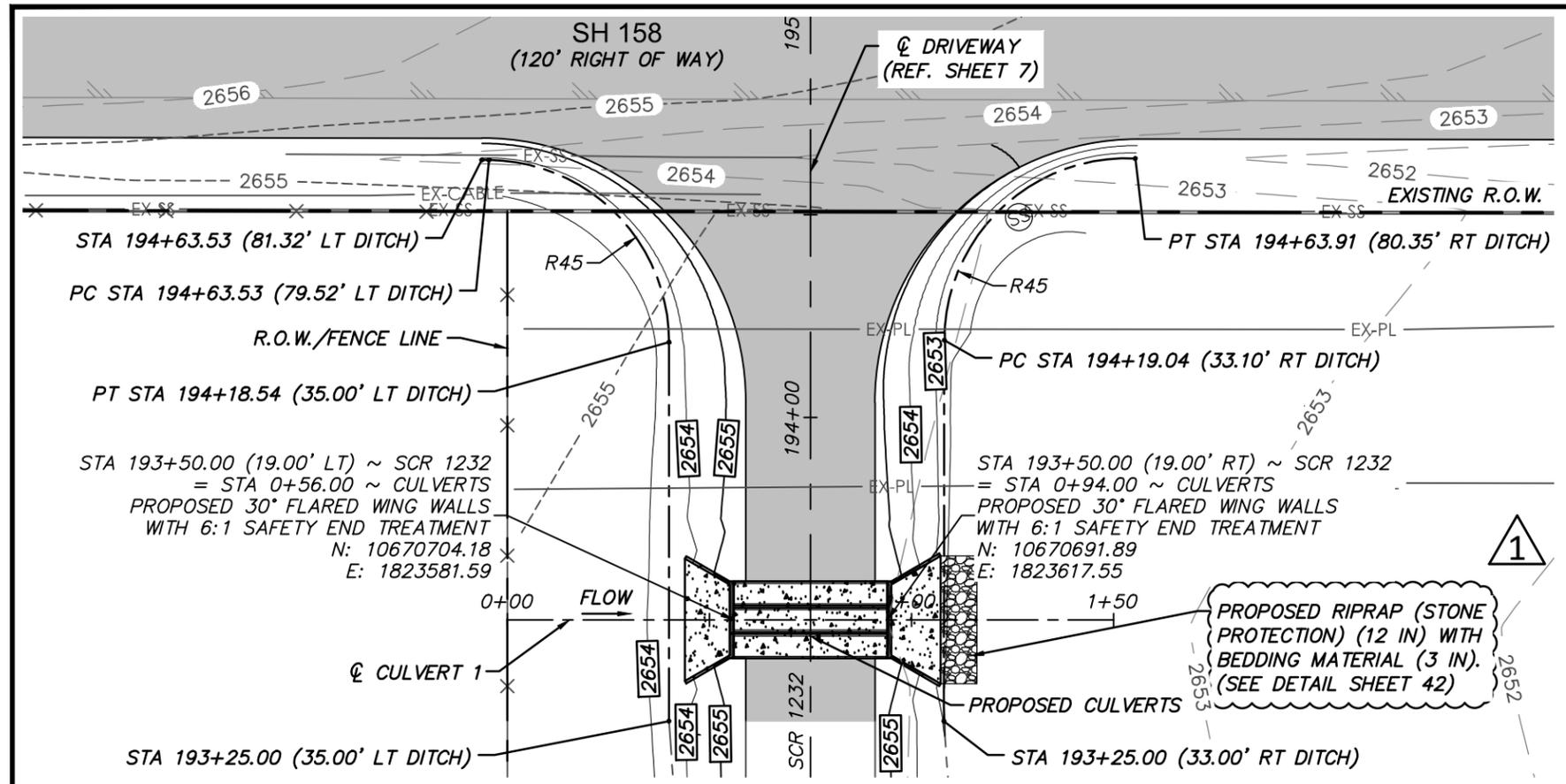
**TYPICAL SECTIONS
 PROPOSED**

FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.		
6	TEXAS		SH 158		
STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
ODA	MIDLAND	N/A	N/A	N/A	5

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PLOTTED BY: Cristian Alonso

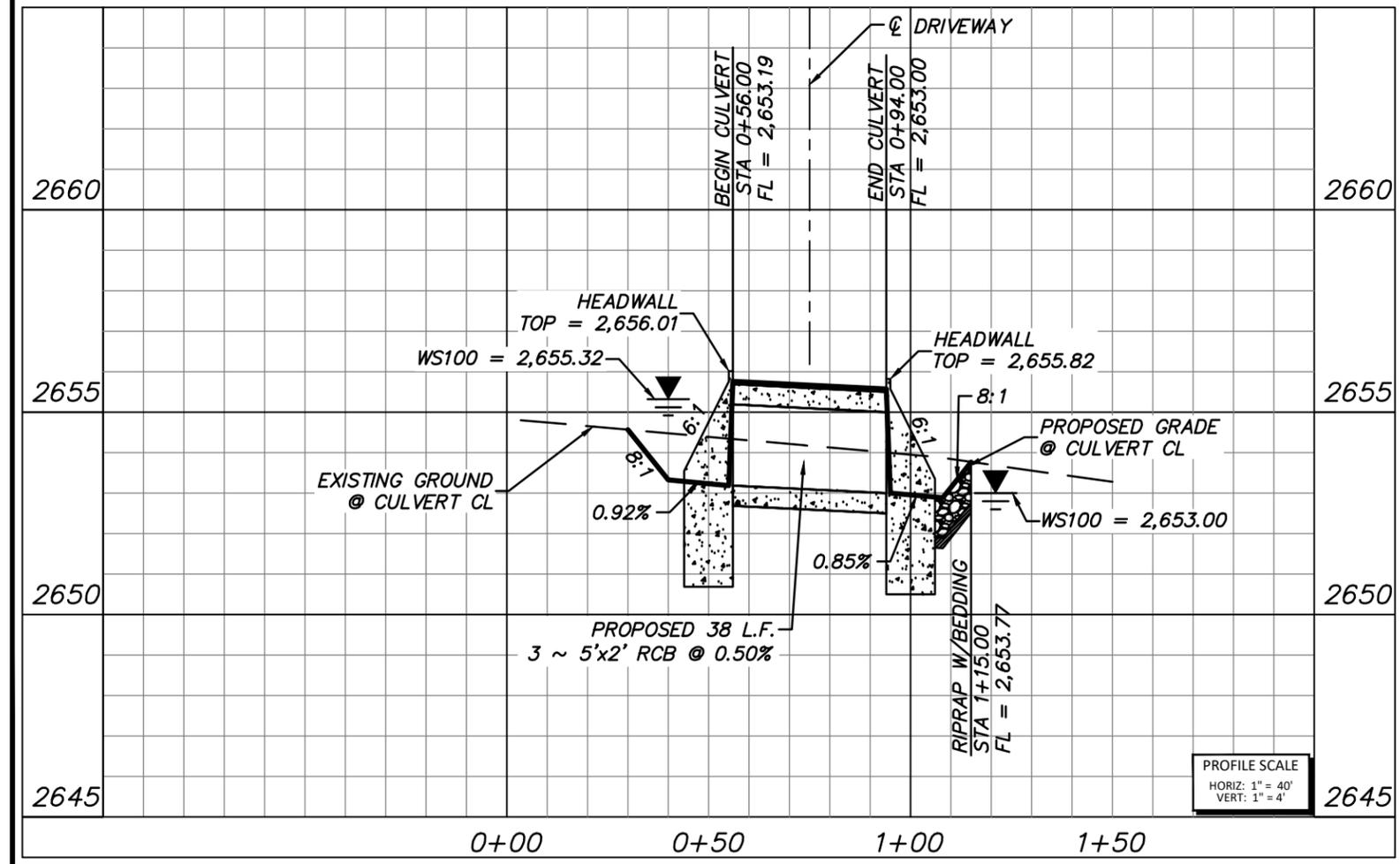
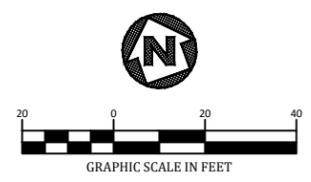
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UTILITY RELOCATION NOTE:
IF ANY EXISTING UTILITY POLES, POWER POLES, GUY WIRES, TELEPHONE UTILITIES, ETC. ARE FOUND TO BE IN CONFLICT WITH THESE CONSTRUCTION PLANS. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANY AND COORDINATE THE RELOCATION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

OFF-SITE BENCHMARK INFORMATION:
FOUND TXDOT MONUMENT "CD41" SET IN CONCRETE HEADWALL AT THE WEST END OF CANAL STREET ON THE EAST SIDE OF LOOP 250. NAD83 GRID COORDINATES: N: 10,679,932.73 E: 1,735,723.30 PUBLISHED ELEVATION: 2837.09' NAVD88 DATUM

BENCHMARK:
CUT "X" WITH BOX IN TOP OF CURB AT SOUTHWEST SIDE OF MEDIAN LOCATED SOUTH OF THE LOOP 250 & I-20 INTERSECTION. NAD83 GRID COORDINATES: N: 10,676,534.05 E: 1,735,456.92 NAVD88 ELEVATION = 2836.96'



HEADWATER	TAILWATER
WS 10 = 2654.55	WS 10 = 2653.00
WS 100 = 2655.32	WS 100 = 2653.00
VELOCITY	DISCHARGE
DS 10 = 6.06 fps	Q 10 = 71.0 cfs
DS 100 = 7.38 fps	Q 100 = 134.6 cfs

6/16/21

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11/16/21	BWA	1	RESPONSE TO BID QUESTIONS 11/16/21

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CULVERT 1 PLAN & PROFILE

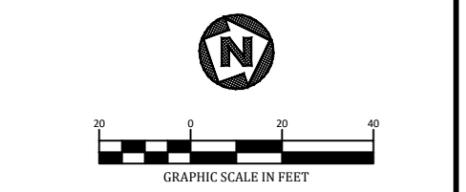
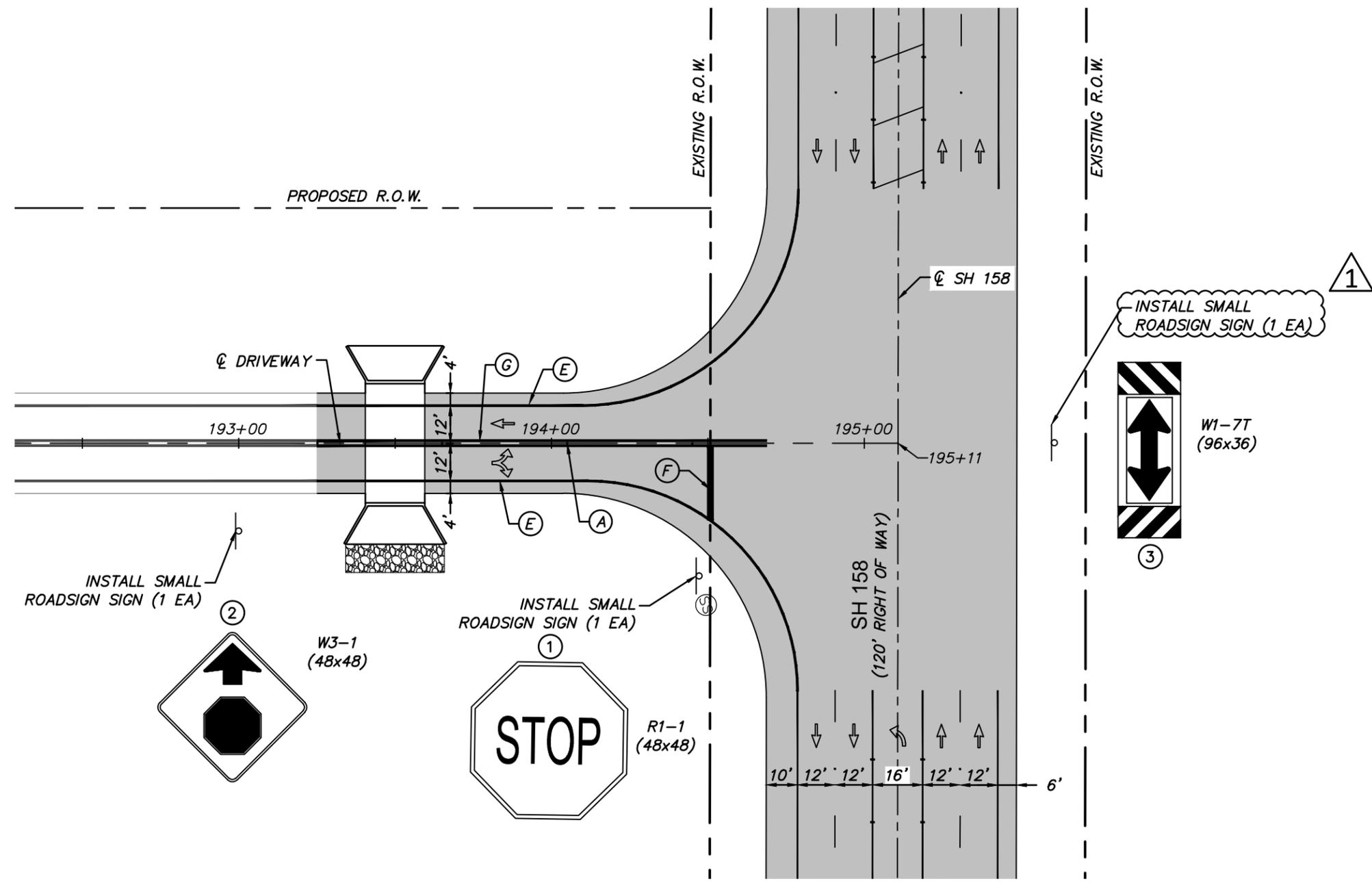
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6	TEXAS		SH 158		
STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
ODA	MIDLAND	N/A	N/A	N/A	10

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FILENAME: SIGNAGE & PAVEMENT MARKINGS.dwg
 PLOTTED BY: Cristian Alonso
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PAVEMENT MARKINGS		
SYMBOL	DESCRIPTION	QTY.
(A)	REFL PAV MRKR TY 1-C	4 EA
(B)	REFL PAV MRKR TY II-A-A	0 EA
(C)	REFL PAV MRK (W) 4" (BRK)	0 LF
(D)	REFL PAV MRK (W) 8" (SOLID)	0 LF
(E)	REFL PAV MRK (W) 4" (SOLID)	385 LF
(F)	REFL PAV MRK (W) 18" (SOLID)	24 LF
(G)	REFL PAV MRK (Y) 4" DOUBLE (SOLID)	144 LF
(H)	REFL PAV MRK (Y) 8" (SOLID)	0 LF
⊕	INSTALL ROADSIDE SIGN	3 EA

- NOTES:
- INSTALL PAVEMENT MARKINGS AND SIGNAGE PER TXDOT STANDARDS AND DETAILS AND TEXAS MUTCD.
 - STRIPING TO FOLLOW ALIGNMENT STATIONING OF ROADWAY.
 - ALL PAVEMENT MARKING DIMENSIONS MEASURED FROM CENTER OF STRIPING.



6/16/21

STATE OF TEXAS
 BRIAN W. ADKINS
 100284
 LICENSED PROFESSIONAL ENGINEER

Brian W. Adkins

DATE	BY	REV	REVISION
11/16/21	BWA	1	RESPONSE TO BID QUESTIONS 11/16/21

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SIGNAGE & PAVEMENT MARKINGS PLAN

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6	TEXAS		SH 158		
STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
ODA	MIDLAND	N/A	N/A	N/A	11