







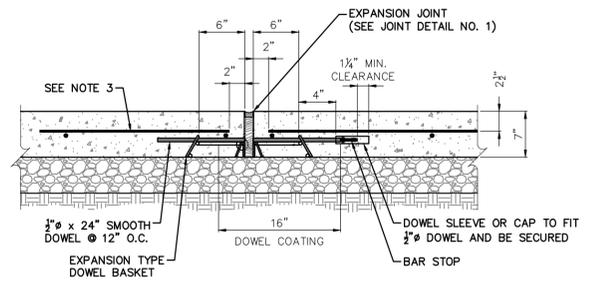
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**CRITICAL:**  
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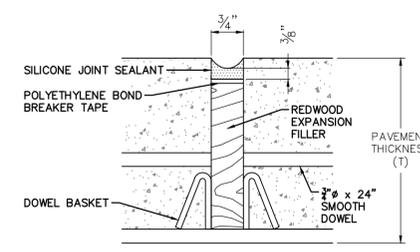
**UTILITY RELOCATION NOTE:**  
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**STATE PLANE COORDINATE NOTE:**  
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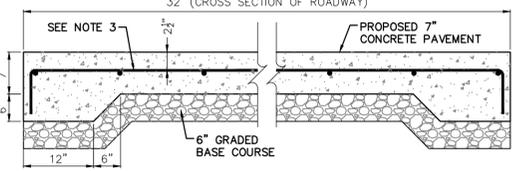
**BENCHMARK:**  
SEE GENERAL NOTES (SHEET 1) FOR DETAILS



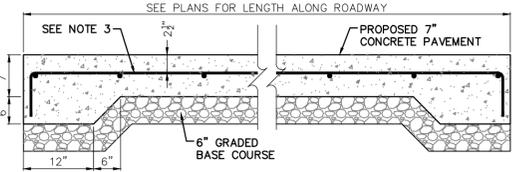
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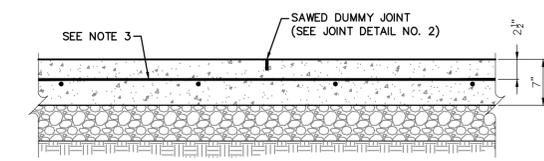
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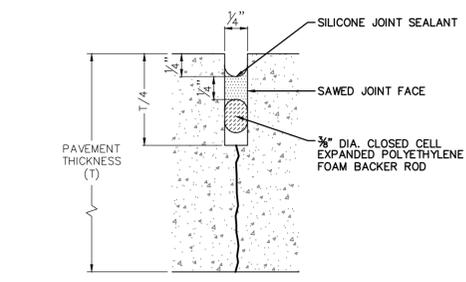
**CONCRETE PAVEMENT TYPICAL SECTION**  
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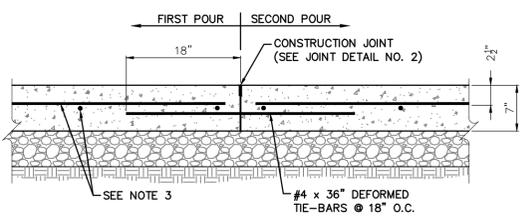
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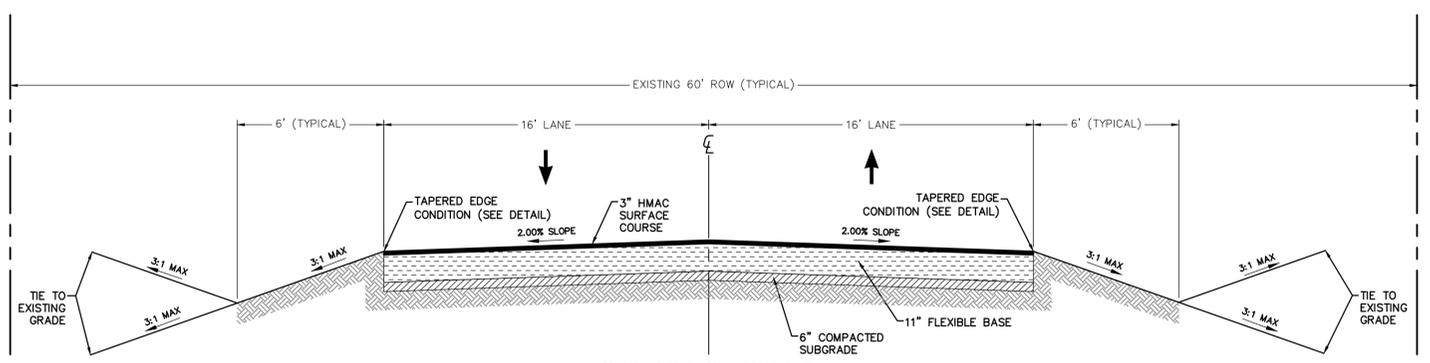
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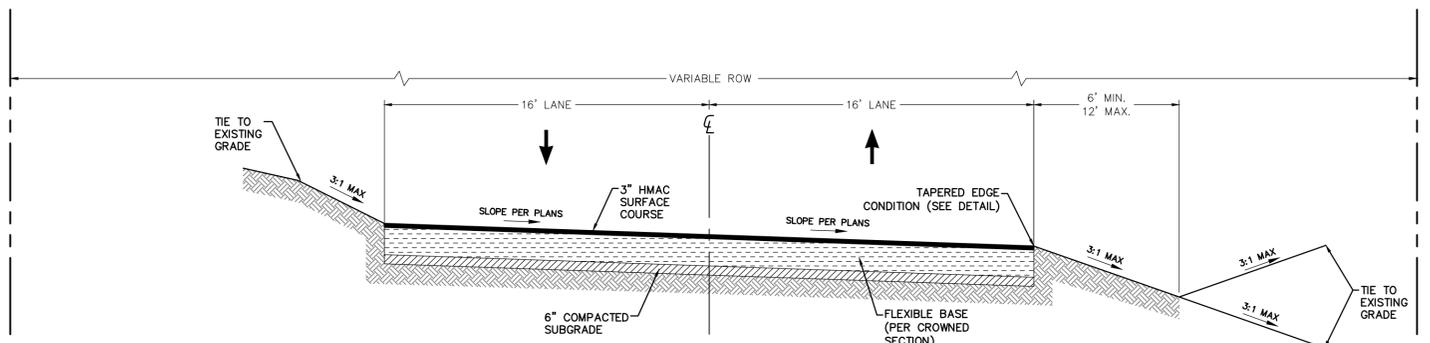
**JOINT DETAIL NO. 2**  
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**CONSTRUCTION JOINT**  
NOT TO SCALE



**STA. 187+62 TO END CROWN ASPHALT PAVEMENT TYPICAL SECTION**  
NOT TO SCALE



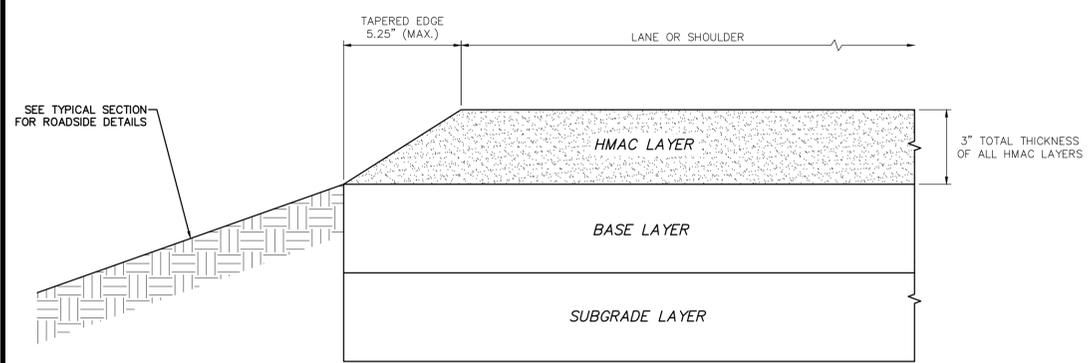
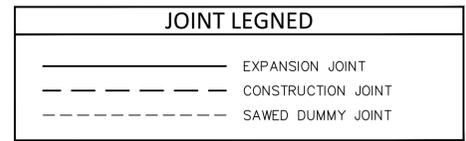
**PITCHED ASPHALT PAVEMENT TYPICAL SECTION**  
NOT TO SCALE

**CONCRETE PAVEMENT AND JOINT NOTES:**

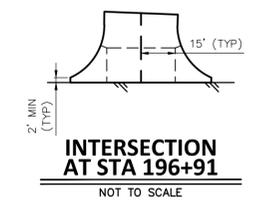
- CONCRETE SHALL BE CLASS "A" AND SHALL HAVE A MINIMUM OF 5 SACKS OF CEMENT PER CUBIC YARD AND A MINIMUM 28 DAY COMPRESSION STRENGTH OF 3000 P.S.I.
- REINFORCEMENT SHALL BE #4 BARS AT 18" ON CENTER EACH WAY.
- FOR DEFORMED BAR SPLICES, LAP BARS 40 DIAMETERS AND TIE.
- ALL DOWELS TO BE PLACED AT 1/2.
- EXPANSION JOINTS TO BE PLACED AS SHOWN NOT TO EXCEED 100' SPACING.
- CONSTRUCTION AND SAWED DUMMY JOINTS SHALL ALTERNATE EVERY 14' TO 17.5' BETWEEN EXPANSION JOINTS, OR AS SHOWN. ROADWAY CENTERLINE SHALL BE A CONSTRUCTION JOINT.
- SAWCUT FOR CONSTRUCTION JOINTS SHALL BE DONE WITHIN 8 HOURS OF POUR OR AS SOON AS CONCRETE CAN SUPPORT WEIGHT. PROVIDE A NEAT CUT WHICH IS TRUE IN ALIGNMENT.
- CONSTRUCTION JOINTS SHALL BE REQUIRED AT THE END OF A DAY'S WORK, UNLESS IT ENDS AT AN EXPANSION JOINT.
- ALL CONSTRUCTION JOINTS SHALL BE CLEANED OF DEBRIS, BLOWN DRY, AND IMMEDIATELY SEALED.
- RADIAL JOINTS SHALL BE NO SHORTER THAN 18".
- ODD SHAPED PANELS SHALL BE REINFORCED WITH #3 BARS AT 18" EACH WAY. AN ODD SHAPED PANEL IS CONSIDERED TO BE ONE IN WHICH THE SLAB TAPERS TO A SHARP ANGLE WHEN THE LENGTH TO WIDTH RATIO EXCEEDS 3 TO 1 OR WHEN A SLAB IS NEITHER SQUARE NOR RECTANGULAR.

**NOTES:**

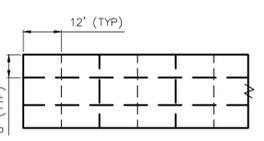
- NATIVE SOILS AND IMPORTED FILL MAY BE USED TO LEVEL THE PROJECT. GENERAL FILL SHALL POSSESS A PLASTICITY INDEX, PI, OF NO MORE THAN 30 AND SHALL HAVE NO LESS THAN 35% PASSING A NO. 200 MESH SIEVE. ALL GENERAL FILL SHALL BE PLACED IN 6-INCH MAXIMUM LIFTS AND SHALL BE COMPACTED TO AT LEAST 95% OF ASTM D698 (STANDARD PROCTOR) WITH MOISTURE CONTENT ±2% OF OPTIMUM. TESTING FREQUENCY OF ONE TEST PER 300 LINEAR FEET OF ROADWAY PER LIFT.
- SUBGRADE SOILS BENEATH PAVEMENTS SHALL BE COMPACTED THEN PROOF-ROLL TESTED WITH A FULLY LOADED WATER TRUCK OR LOADED DUMP TRUCK. THE PROOF-ROLL TEST IS CONSIDERED PASSING IF SOIL DEFLECTIONS ARE LESS THAN 1/2-INCH WHEN TESTED USING A LOADED DUMP TRUCK (OR SIMILAR). WHEN USING THE PROOF-ROLLED METHOD 100% COVERAGE OVER THE ROADWAY WITH A MINIMUM OF 2 PASSES PER AREA IS RECOMMENDED. ALTERNATIVELY, SUBGRADE VERIFICATION MAY BE PERFORMED USING A NUCLEAR DENSITY GAUGE, WHERE SUBGRADE DENSITY SHALL BE GREATER THAN 95% OF ASTM D698 (STANDARD PROCTOR) WITH MOISTURE CONTENT ±2% OF OPTIMUM. WHEN USING THE NUCLEAR DENSITY METHOD, TESTING FREQUENCY OF ONE TEST PER 300 LINEAR FEET OF ROADWAY PER LIFT.
- PROPOSED FLEXIBLE BASE MATERIAL SHALL BE CRUSHED ROCK CONFORMING TO TXDOT STANDARD SPECIFICATION ITEM NO. 247, GRADE 1-2 OR BETTER. THE FLEXIBLE BASE MATERIAL SHALL BE INSTALLED IN FOUR TO SIX (4"-6") INCH COMPACTED LIFTS. ADDITIONALLY THE FLEXIBLE BASE MATERIAL IN EACH LIFT SHALL BE COMPACTED TO A MINIMUM OF 98 PERCENT OF THE MATERIAL'S DRY DENSITY AS PER ASTM D698 (STANDARD PROCTOR) WITH MINIMUM MOISTURE CONTENT OF ±4%. ONE TEST SHALL BE PERFORMED EVERY 300 LINEAR FEET OF ROADWAY, APPROXIMATELY ONE TEST EVERY 10,000-12,000 SQUARE FEET OF AREA PER LIFT.
- PRIME COAT SHALL BE PER TXDOT ITEM 310 SPECIFICATIONS.
- PROPOSED ASPHALT IS A TYPE D HMAc THAT SHALL MEET TXDOT ITEM 340 SPECIFICATIONS.
- THESE NOTES AS SHOWN ABOVE ARE PER THE GEOTECHNICAL ASSESSMENT PREPARED BY D&S, WHICH SHALL BE REFERENCED FOR ADDITIONAL INFORMATION AND SPECIFICATIONS. ANY SUBSEQUENT REVISIONS TO THIS ASSESSMENT SHALL GOVERN.
- THE PROPOSED FINISHED GRADE OF ROADWAY IN LOW WATER CROSSING AREAS SHALL MATCH THE EXISTING TOP OF PAVEMENT OR CALICHE UNLESS SPECIFIED OTHERWISE ON THE CORRESPONDING PLAN & PROFILE SHEETS.
- THE TAPERED EDGE CONDITION AT THE EDGE OF PAVEMENT SHALL BE AS SHOWN IN THE TAPERED EDGE CONDITION HMAc PAVEMENT DETAIL. THE SLOPE OF THE TAPERED EDGE SHALL BE 1.75H:1V, WHICH IS 5.25" FOR 3" OF HMAc PAVEMENT. THIS TAPERED EDGE CONDITION SHALL APPLY AT ALL LOCATIONS FOR ALL TYPICAL SECTIONS.



**TAPERED EDGE CONDITION HMAc PAVEMENT**  
NOT TO SCALE



**INTERSECTION AT STA 196+91**  
NOT TO SCALE



**ROAD SECTION STA 23+75 - 234+00**  
NOT TO SCALE

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		CHECKED		

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE	
HORIZ	N/A
VERT	N/A
DATE	
AUGUST 2022	

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



**MIDLAND COUNTY PRECINCT # 1**  
**SOUTH COUNTY ROAD 1270 - PHASE 2**  
**MIDLAND COUNTY, TEXAS**

**TYPICAL PAVEMENT SECTIONS**

DA PROJECT: B005667.001  
SHEET: 2



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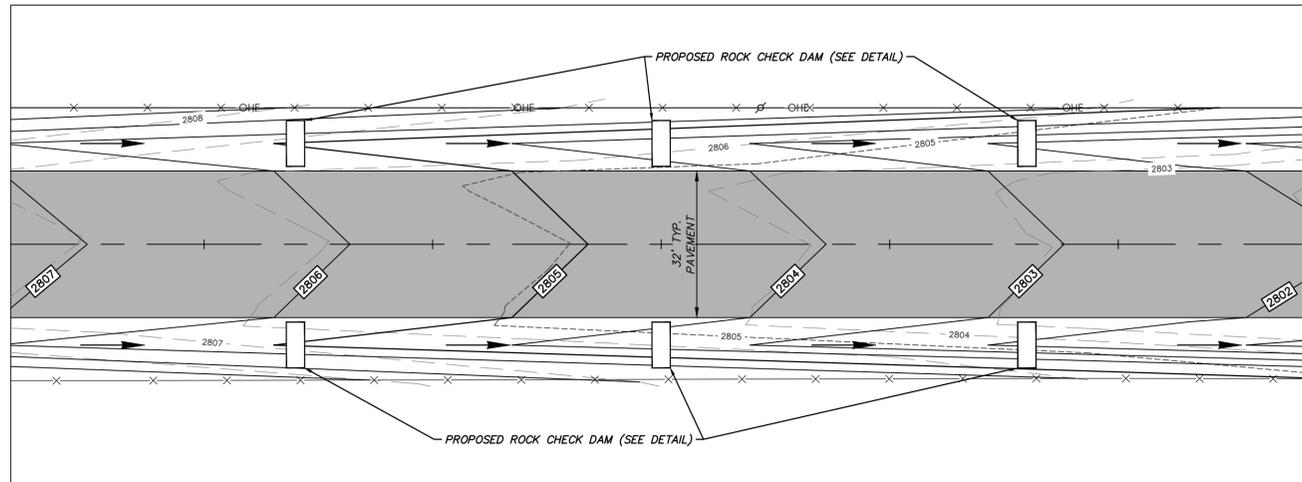
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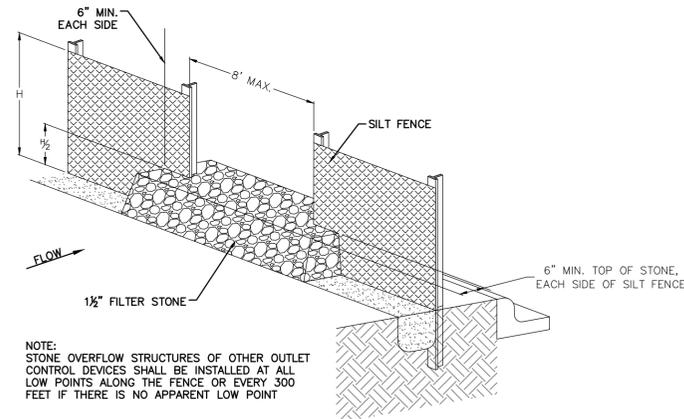
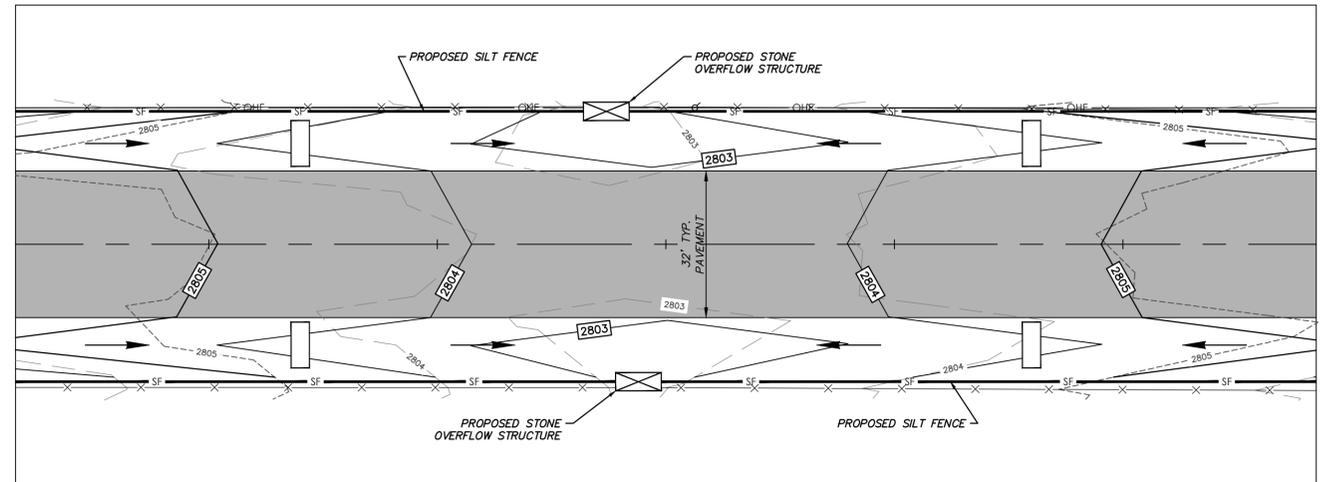
**BENCHMARK:**

SEE GENERAL NOTES (SHEET 1) FOR DETAILS

**TYPICAL EROSION CONTROL PLAN WITH ROADWAY DITCHES**



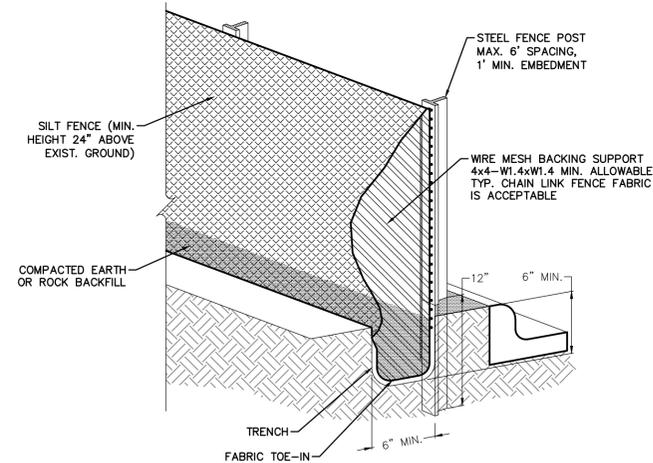
**TYPICAL EROSION CONTROL PLAN WITH DRAINAGE EXITING R.O.W.**



**SILT FENCE STONE OVERFLOW STRUCTURE**  
NOT TO SCALE

**SILT FENCE GENERAL NOTES:**

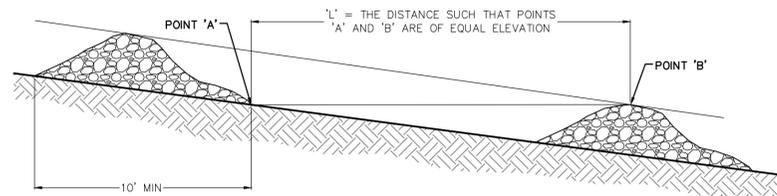
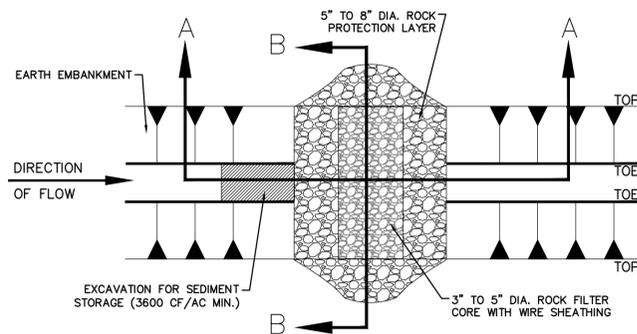
1. STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF ONE FOOT.
2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CANNOT BE TRENCHED IN (E.G. PAVEMENT), WEIGHT FABRIC FLAP WITH ROCK ON UPHILL SIDE TO PREVENT FLOW FROM SEEPING UNDER FENCE.
3. THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH STEEL SUPPORT POST OR TO WOVEN WIRE, WHICH IN TURN IS ATTACHED TO THE STEEL FENCE POST. THERE SHALL BE A 3 FOOT OVERLAP, SECURELY FASTENED WHERE ENDS OF FABRIC MEET.
5. INSPECTION SHALL BE MADE EVERY TWO WEEKS AND AFTER EACH 1/2" RAINFALL. REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF HALF THE HEIGHT OF THE FENCE. THE SILT SHALL BE DISPOSED OF AT AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.



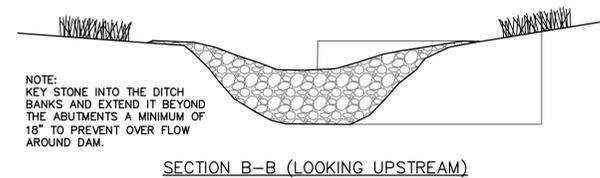
**SILT FENCE**  
NOT TO SCALE

**NOTES:**

1. EROSION CONTROL MEASURES MAY ONLY BE PLACED IN FRONT OF INLETS, IN CHANNELS, DRAINAGEWAYS, OR BORROW DITCHES AT RISK OF CONTRACTOR.
2. CONTRACTOR SHALL REMAIN LIABLE FOR ANY DAMAGE CAUSED BY THE MEASURES, INCLUDING FLOODING DAMAGE, WHICH MAY OCCUR DUE TO BLOCKED DRAINAGE.
3. AT THE CONCLUSION OF ANY PROJECT, ALL CHANNELS, DRAINAGEWAYS AND BORROW DITCHES IN THE WORK ZONE SHALL BE DREDGED OF ANY SEDIMENT GENERATED BY THE PROJECT OR DEPOSITED AS A RESULT OF EROSION CONTROL MEASURES.



**SECTION A-A**  
**ROCK CHECK DAM**  
NOT TO SCALE



**SECTION B-B (LOOKING UPSTREAM)**

**EROSION CONTROL LEGEND**

--- 2805 ---	EXISTING MAJOR CONTOUR
--- 2804 ---	EXISTING MINOR CONTOUR
--- [2805] ---	PROPOSED MAJOR CONTOUR
--- [2804] ---	PROPOSED MINOR CONTOUR
→	PROPOSED FLOW ARROW
— SF —	PROPOSED SILT FENCE
□	PROPOSED ROCK CHECK DAM
⊠	PROPOSED OVERFLOW STRUCTURE

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**MIDLAND COUNTY  
MIDLAND, TEXAS**

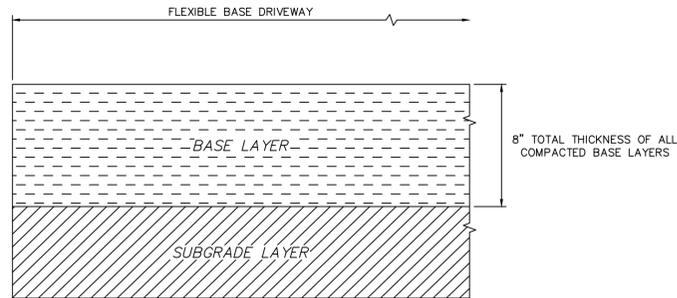
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VERT	N/A
DATE	AUGUST 2022

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

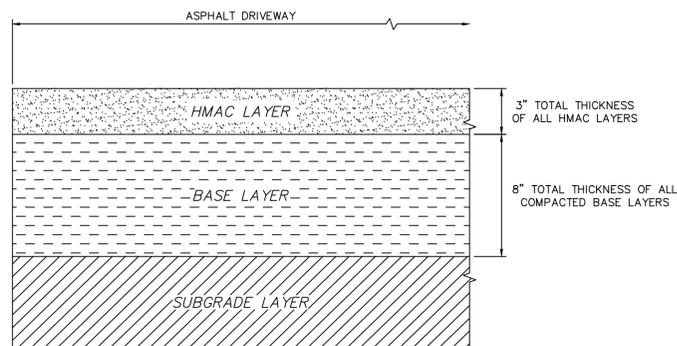


MIDLAND COUNTY PRECINCT # 1  
SOUTH COUNTY ROAD 1270 - PHASE 2  
MIDLAND COUNTY, TEXAS  
**TYPICAL EROSION CONTROL  
PLAN AND DETAILS**

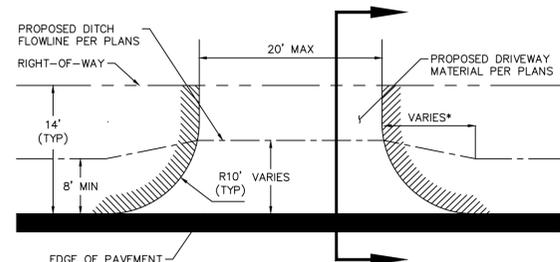
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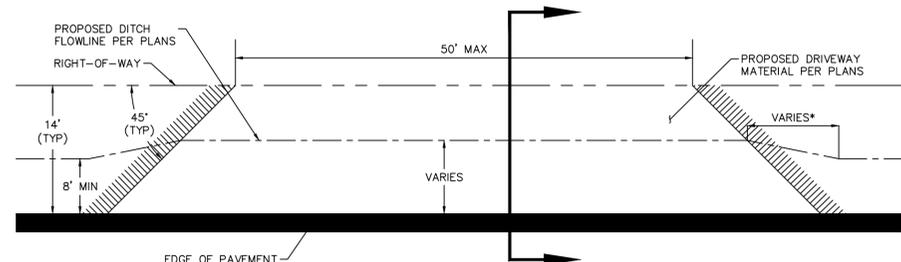
**TYPICAL FLEXIBLE BASE DRIVEWAY SECTION**  
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**TYPICAL ASPHALT DRIVEWAY SECTION**  
NOT TO SCALE



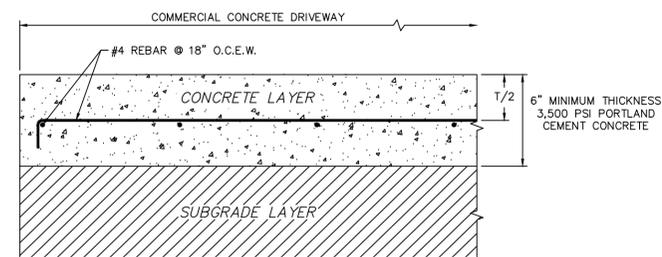
RESIDENTIAL PLAN VIEW



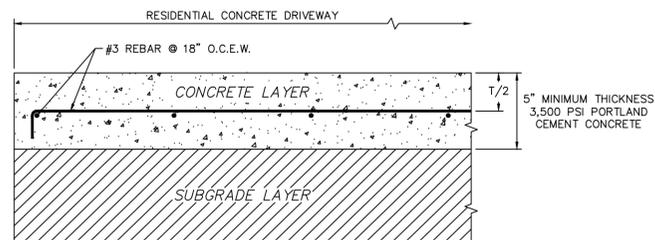
COMMERCIAL PLAN VIEW

VARIES\* - LENGTH TO PROVIDE A SMOOTH TRANSITION IN DITCH CENTERLINE. TYPICAL LENGTH OF 5' FOR EVERY 1' OF HORIZONTAL ADJUSTMENT (5:1).

**TYPICAL DRIVEWAYS**  
NOT TO SCALE



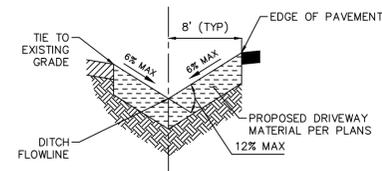
COMMERCIAL



RESIDENTIAL

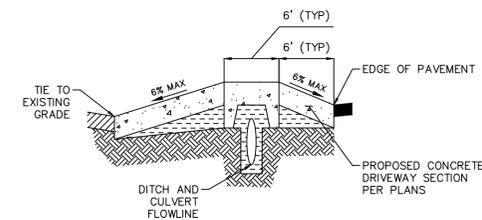
NOTE:  
CONTRACTOR TO FOLLOW TYPICAL CONCRETE SECTIONS SHEET FOR JOINTING DETAILS AND NOTES.

**TYPICAL CONCRETE DRIVEWAY SECTIONS**  
NOT TO SCALE



**INVERTED FLOWLINE DRIVEWAY SECTION**

- NOTES:
1. FLOW LINE FOR ROAD DITCH SHALL REMAIN WITHIN THE R.O.W. CONTRACTOR TO FIELD FIT DRIVEWAY FROM FLOW LINE TO CURRENT CONDITIONS ALONG THE R.O.W.
  2. IF DITCH CANNOT BE ACCOMMODATED WITHIN THE R.O.W. AT THE DEPTHS SHOWN ON THE PLAN AND PROFILE SHEETS, CONTRACTOR MAY INSTALL CULVERT(S) FOLLOWING THE CULVERT DRIVEWAY SECTION PER THIS DETAIL.



**CULVERT DRIVEWAY SECTION**

- NOTES:
1. CONCRETE SECTION TO FOLLOW TYPICAL CONCRETE DRIVEWAY SECTIONS DETAIL, THIS SHEET.
  2. CONCRETE SECTION SHALL USE FOOTERS TO SPAN THE CULVERT(S) DITCH, PLACED ON UNDISTURBED SUB-GRADE OR COMPACTED BASE MATERIALS.
  3. MINIMUM CULVERT SIZE SHALL BE 12" OR EQUIVALENT.
  4. CULVERT MATERIAL SHALL BE REINFORCED CONCRETE, HIGH-DENSITY POLYETHYLENE, OR CORRUGATED METAL.
  5. CULVERT COVER SHALL MEET OR EXCEED MINIMUM PER MATERIAL MANUFACTURER OR 1-FOOT, WHICHEVER IS LESS.
  6. CULVERT COVER MAY BE REDUCED WITH USE OF RCP CLASS IV OR CONCRETE ENCASEMENT A MINIMUM OF 6-INCHES FROM OUTSIDE EDGE OF PIPE TO TRENCH WALLS.
  7. CULVERTS SHALL BE PLACED TO MAINTAIN POSITIVE DRAINAGE ALONG PROPERTY FRONTAGE.
  8. CONTRACTOR TO INSTALL SAFETY END TREATMENTS FOLLOWING TxDOT DETAIL SETP-PD, WHERE PRACTICABLE. IF A SETP-PD IS NOT FEASIBLE, CONTRACTOR TO INSTALL A SAFETY END TREATMENT FOR PIPE CULVERTS FROM TxDOT'S BRIDGE STANDARD DETAILS.
  9. MAXIMUM SLOPES OF THE DRIVEWAY MATERIALS FOR GRADES SHALL BE 8:1 IN ANY DIRECTION.

**TYPICAL DRIVEWAY CROSS-SECTION**  
NOT TO SCALE

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 PLOTTED AT: 11:29:56 AM

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		JLB		DRAWN
		JLB		CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE	
HORIZ	N/A
VERT	N/A
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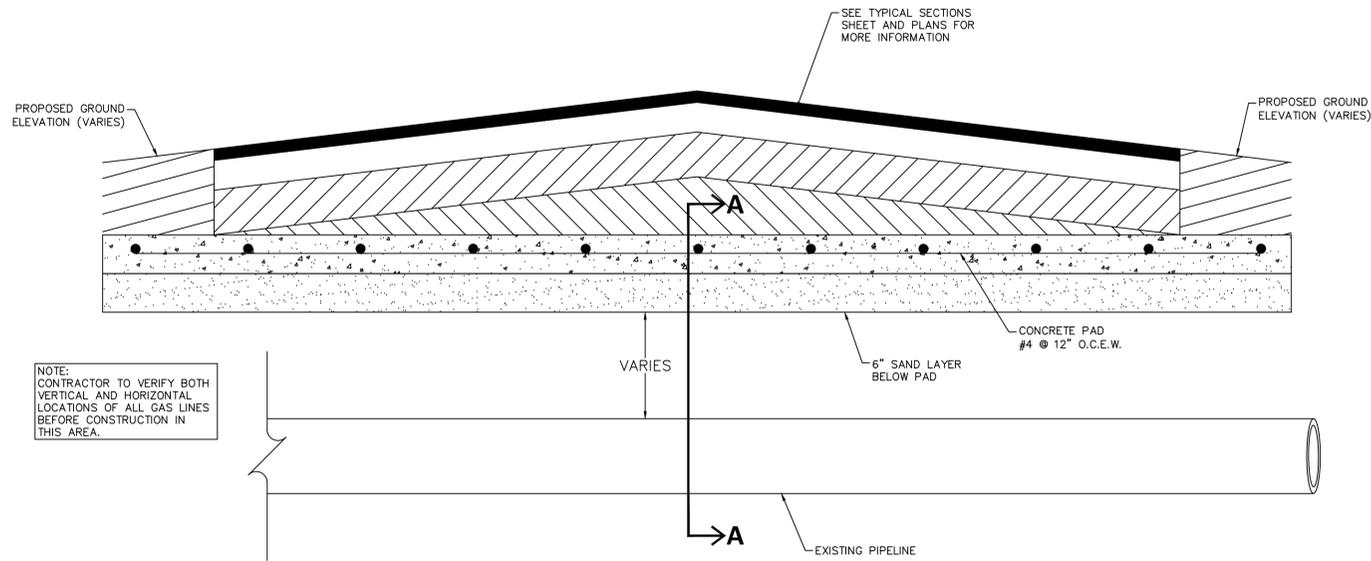


MIDLAND COUNTY PRECINCT # 1  
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 MIDLAND COUNTY, TEXAS

**TYPICAL DRIVEWAY SECTIONS**

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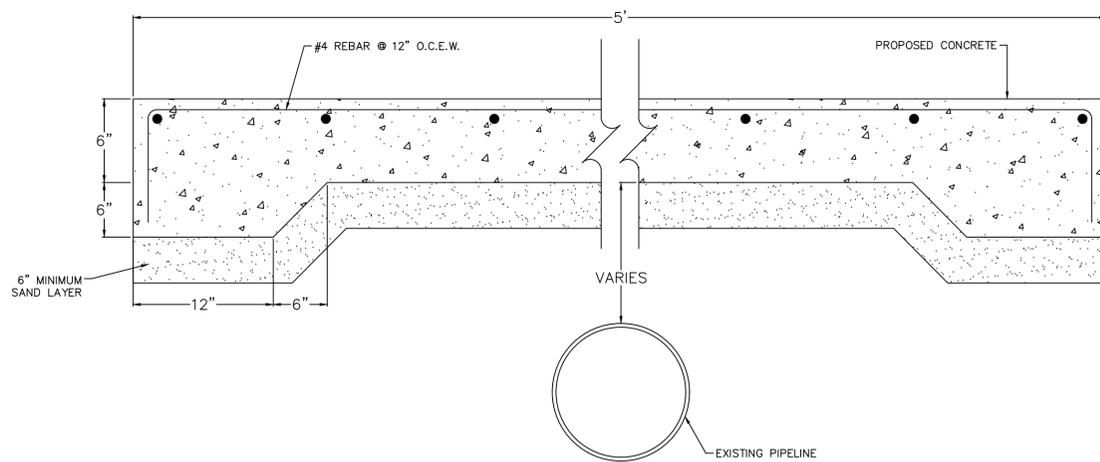
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**4**



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

NOTES:

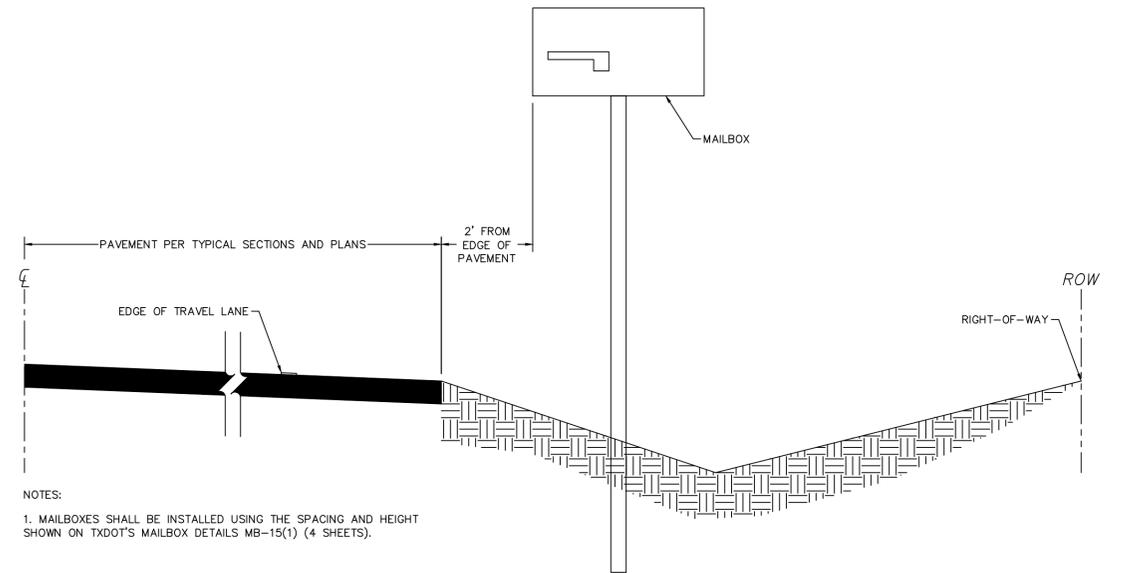
1. CONCRETE SHALL BE CLASS "A" AND SHALL HAVE A MINIMUM OF 5 SACKS OF CEMENT PER CUBIC YARD AND A MINIMUM 28 DAY COMPRESSION STRENGTH OF 3500 P.S.I.
2. MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO TXDOT STANDARD SPECIFICATIONS.
3. REINFORCEMENT SHALL BE #4 BARS AT 12" ON CENTER EACH WAY.
4. CONTRACTOR 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.
8. MINIMUM DEPTH OF COVER IS DETERMINED BY PIPELINE OPERATOR AND MUST BE VERIFIED BY CONTRACTOR. IF NOT ENOUGH COVER IS PROVIDED, CONTACT ENGINEER.



SECTION A-A

**STANDARD CONCRETE CAP FOR PIPELINE CROSSINGS**

NOT TO SCALE



NOTES:

1. MAILBOXES SHALL BE INSTALLED USING THE SPACING AND HEIGHT SHOWN ON TXDOT'S MAILBOX DETAILS MB-15(1) (4 SHEETS).

**MAILBOX SPACING FROM EDGE OF PAVEMENT**

NOT TO SCALE

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**MIDLAND COUNTY  
MIDLAND, TEXAS**

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DATE	AUGUST 2022			

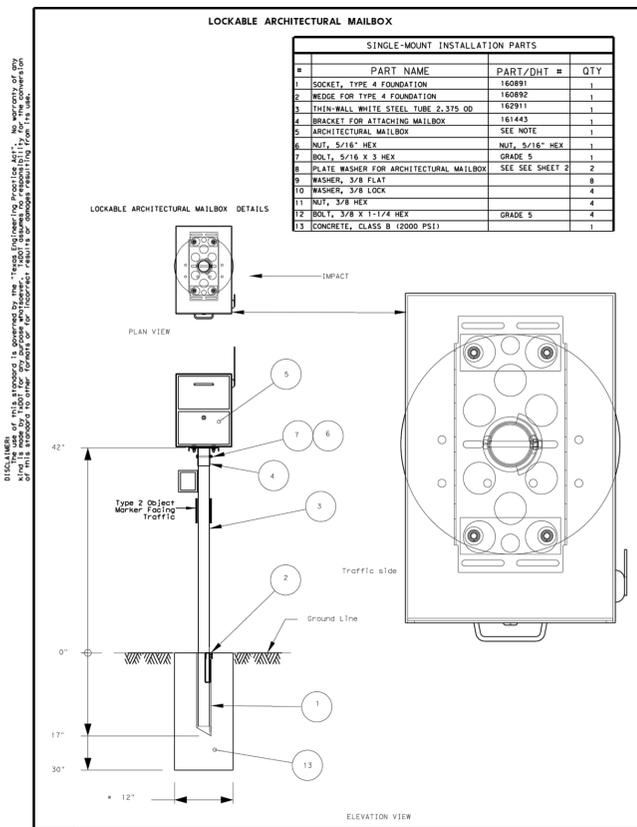
**DUNAWAY**  
4000 N. Big Spring Street • Suite 101 • Midland, Texas 79705  
Tel: 432.699.4889  
(TX REG. F-1114)



MIDLAND COUNTY PRECINCT # 1  
SOUTH COUNTY ROAD 1270 - PHASE 2  
MIDLAND COUNTY, TEXAS

**PIPE ENCASEMENT AND  
MAILBOX DETAILS**

DA PROJECT	B005667.001
SHEET	5



DHT NUMBER	DESCRIPTION
<b>FOUNDATIONS</b>	
46625	WEDGE FOR V-RING SOCKET FOR TYPE 1 FOUNDATION
149340	V-RING SOCKET FOR TYPE 1 FOUNDATION
143433	WEDGE FOR TYPE 2 FOUNDATION
143434	ANCHOR FOR TYPE 2 FOUNDATION
166103	ANCHOR FOR TYPE 7 FOUNDATION
160891	SOCKET FOR TYPE 4 FOUNDATION
160892	WEDGE FOR TYPE 4 FOUNDATION
166104	WEDGE FOR TYPE 7 FOUNDATION
<b>POSTS</b>	
4289	WINGED CHANNEL MAILBOX POST
149339	MULTIPLE MAILBOX POST (GALVANIZED TUBING)
164116	MULTIPLE MAILBOX POST (WHITE COATED)
166114	MULTIPLE MAILBOX POST (WHITE COATED OCTAGONAL)
166153	MULTIPLE MAILBOX POST (GALVANIZED OCTAGONAL)
161442	RECYCLED RUBBER POST, FOR SMALL MAILBOX ONLY
143426	THIN-WALL GALVANIZED STEEL TUBE 2.375" OUTER DIAMETER
162911	THIN-WALL WHITE STEEL TUBE 2.375" OUTER DIAMETER
<b>CONNECTING HARDWARE</b>	
3817	ANGLE BRACKET USED FOR TEMPORARY MAILBOX SUPPORT
166105	BRACKET FOR SINGLE MOUNTING OF MAILBOXES (MOUNTING KIT)
3789	PLATE FOR DOUBLE MOUNTING OF MAILBOXES
166108	BRACKET FOR DOUBLE MOUNTING OF MAILBOXES (MOUNTING KIT)
166111	BRACKET FOR MULTIPLE MOUNTING OF MAILBOXES (MOUNTING KIT)
149339	BRACKET FOR ATTACHING SMALL OR MEDIUM SIZE MAIL BOX
149338	EXTENDER TO BRACKET FOR ATTACHING LARGE MAILBOX
159489	ANGLE BRACKET PART A
159490	ANGLE BRACKET PART B
<b>MAILBOX BRACKET CONNECTING DETAILS</b>	
162323	BRACKET FOR DOUBLE MOUNTING OF MAILBOXES ON THINWALL STEEL POST, GALVANIZED OR POWDERCOATED
161443	AND TO MULTIPLE WHITE MAILBOX POST
159358	CASTING (NEWSPAPER RECEPTACLE BRACKET)
163221	SOCKET (NEWSPAPER RECEPTACLE BRACKET)
160698	BOLT/HEX HEAD, GALV 3/8" DIA X 3/4" L, HD, W/2-FLAT WASHERS
163750	BOLT/HEX HEAD, GALV 3/8" X 1-1/2", 16 NC, W/2-FLAT WASHERS
160701	BOLT/HEX HEAD, GALV 3/4" DIA X 2-1/2" L, HD, W/2-FLAT WASHERS
163720	BOLT/HEX HEAD, GALV 3/4" X 3-1/2", 16 NC, W/2-FLAT WASHERS
160699	BOLT/HEX HEAD, GALV 3/8" DIA X 3-3/4" L, HD, W/2-FLAT WASHERS
160700	BOLT/HEX HEAD, GALV 3/8" DIA X 4" L, HD, W/2-FLAT WASHERS

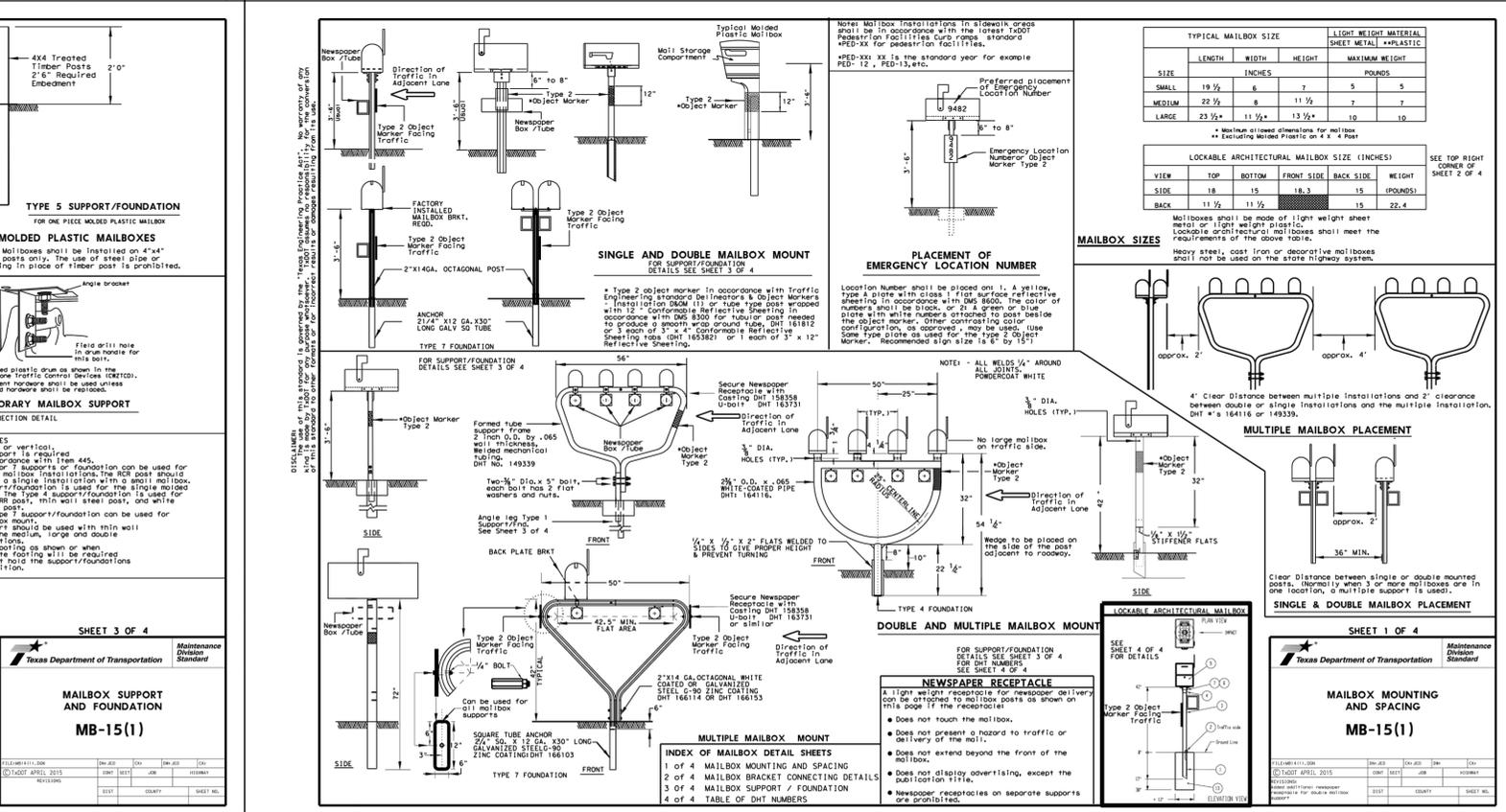
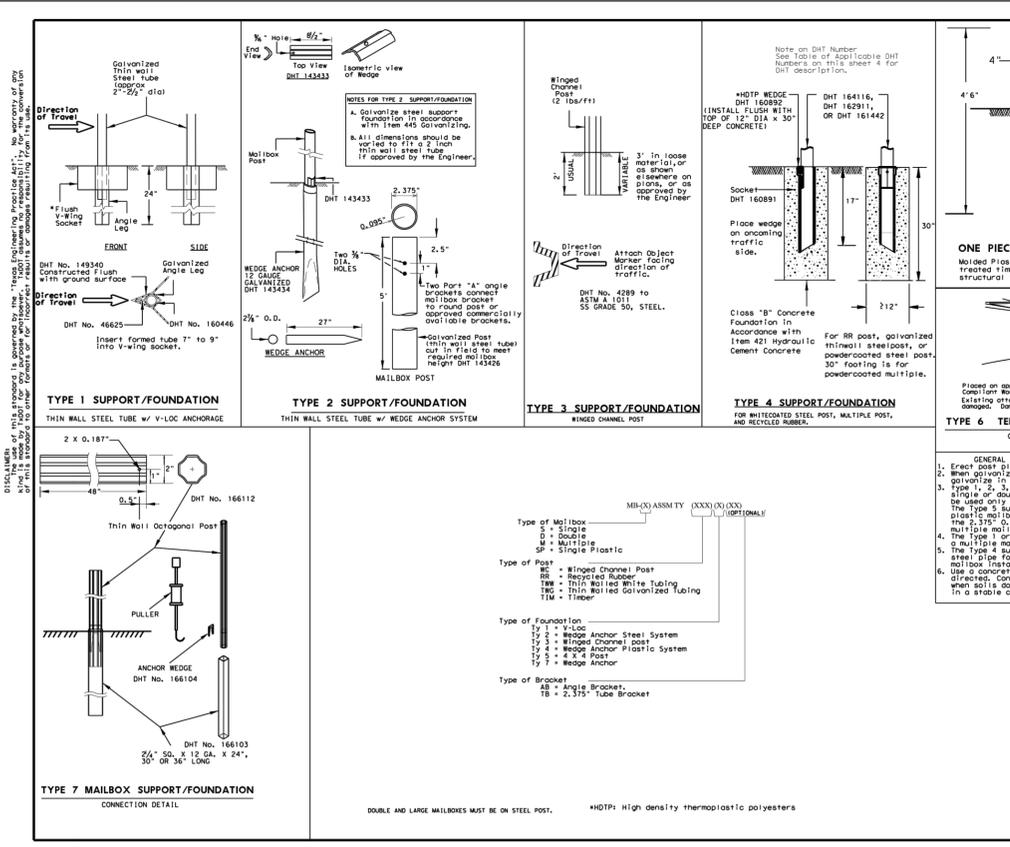
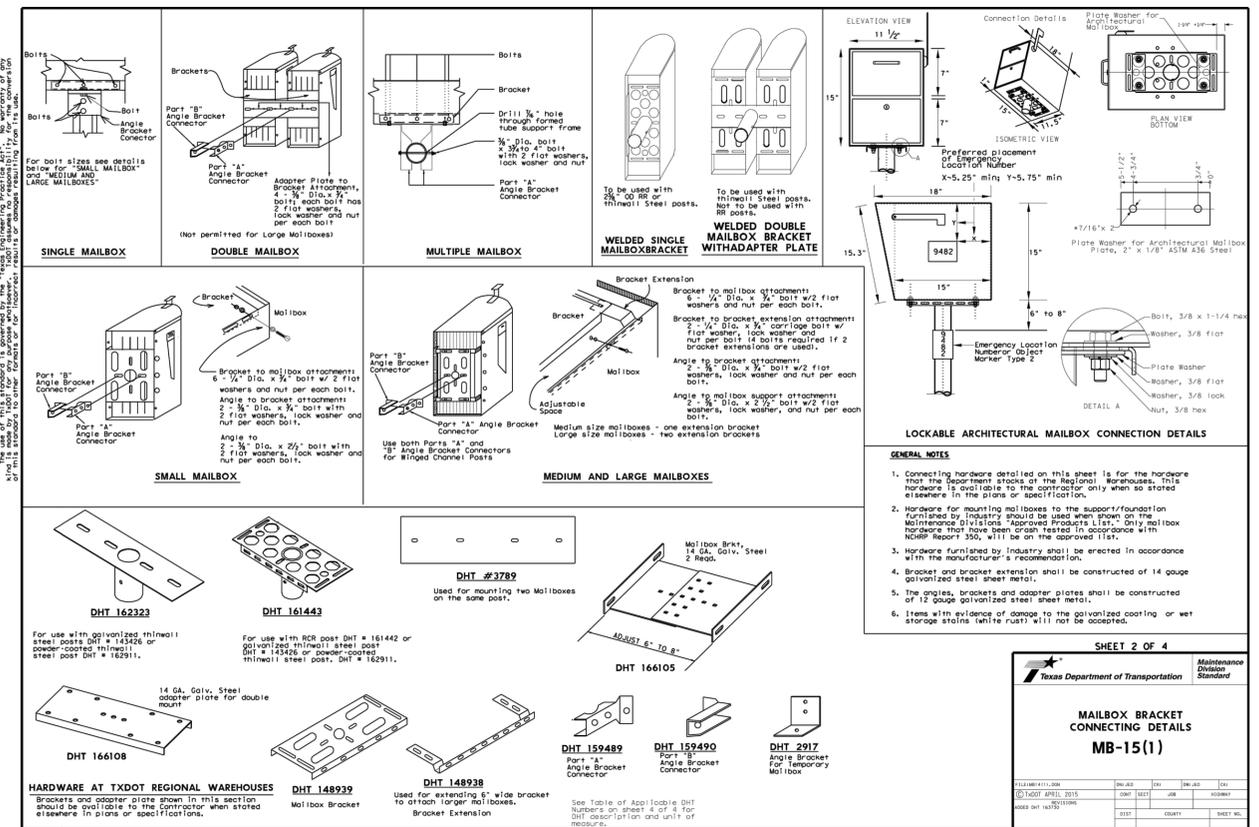
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Texas Department of Transportation  
Maintenance Division  
Standard

DHT NUMBERS TABLE  
MB-15(1)

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REVISED APRIL 2015  
REVISED 10/2015

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NO.	REVISION	BY	DATE	CHECKED

SCALE	HORIZ	VERT
	N/A	N/A
DATE	AUGUST 2022	

MIDLAND COUNTY  
MIDLAND, TEXAS

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

STATE OF TEXAS  
102960  
PROFESSIONAL ENGINEER  
Judy J. Becker

MIDLAND COUNTY PRECINCT # 1  
SOUTH COUNTY ROAD 1270 - PHASE 2  
MIDLAND COUNTY, TEXAS

DA PROJECT  
B005667.001

SHEET  
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TxDOT MAILBOX DETAILS

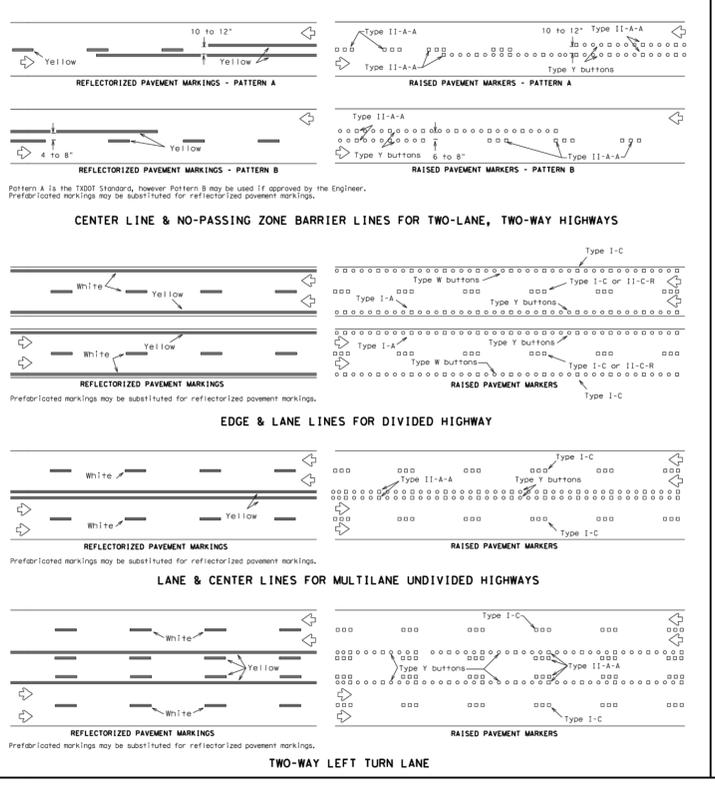




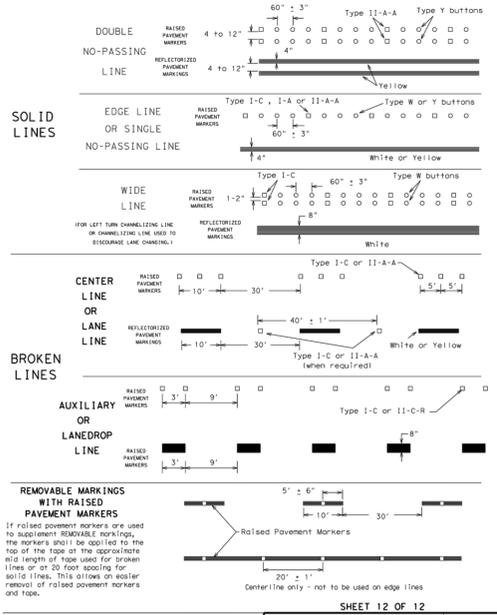
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**PAVEMENT MARKING PATTERNS**



**STANDARD WORK ZONE PAVEMENT MARKINGS DETAILS**



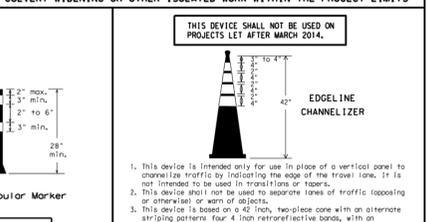
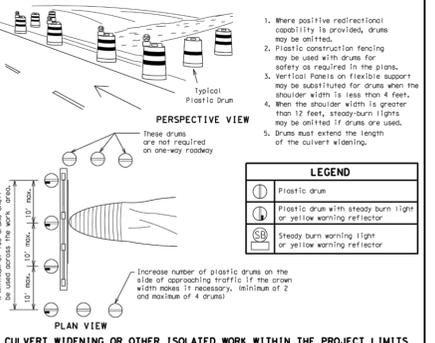
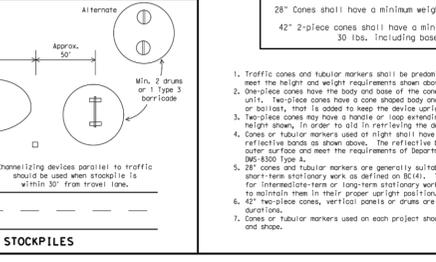
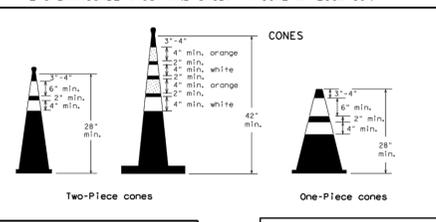
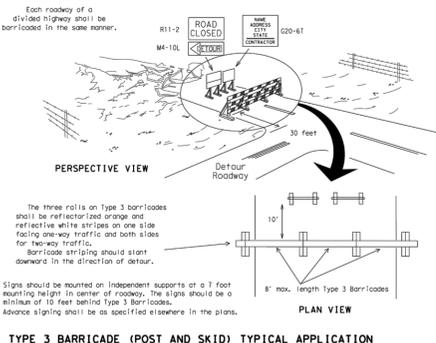
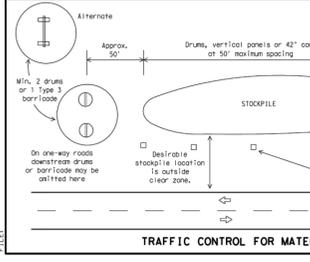
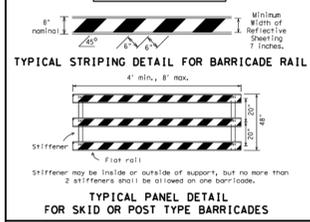
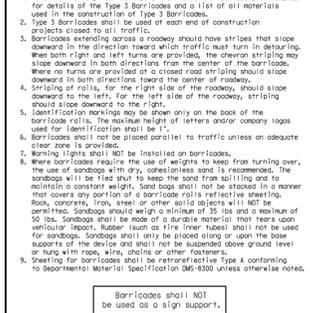
**BARRICADE AND CONSTRUCTION PAVEMENT MARKING PATTERNS**

**BC (12) - 14**

Texas Department of Transportation  
 Traffic Operations Division

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**TYPE 3 BARRICADES**



**BARRICADE AND CONSTRUCTION CHANNELIZING DEVICES**

**BC (10) - 14**

Texas Department of Transportation  
 Traffic Operations Division

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**WORK ZONE PAVEMENT MARKINGS**

**GENERAL**

- The Contractor shall be responsible for maintaining work zone and existing pavement markings. In accordance with the standard specifications and special provisions, on all roadways open to traffic within the CSJ limits unless otherwise stated in the plans.
- Color, pattern and dimensions shall be in accordance with the "Manual on Uniform Traffic Control Devices" (MUTCD).
- Additional supplemental pavement markings shall be found in the plans or specifications.
- Pavement markings shall be installed in accordance with the MUTCD and as shown on the plans.
- When short term markings are required on the plans, short term markings shall conform with the MUTCD, the plans and details as shown on the Standard Plan Sheet 215(17M).
- When standard pavement markings are not in place and the roadway is opened to traffic, DO NOT PASS signs shall be erected at the beginning of the sections where posting is prohibited and PASS WITH CARE signs on the beginning of sections where posting is permitted.
- All work zone pavement markings shall be installed in accordance with Item 662, "Work Zone Pavement Markings".

**REMOVED PAVEMENT MARKINGS**

- Pavement markings that are no longer applicable, could create confusion or direct a motorist toward or into the closed portion of the roadway shall be removed or obliterated before the roadway is opened to traffic.
- The above shall not apply to detours in place for less than three days, where flaggers and/or sufficient channelizing devices are used in lieu of markings to outline the detour route.
- Pavement markings shall be removed to the fullest extent possible, so as not to leave a dispersible marking. This shall be by any method approved by TxDOT Supplemental Item 671 for "Eliminating Existing Pavement Markings and Markers".
- The removal of pavement markings may require resurfacing or seal coating portions of the roadway as described in Item 671.
- Subject to the approval of the Engineer, any method that proves to be successful on a particular type pavement may be used.
- Blot cleaning may be used but will not be required unless specifically shown in the plans.
- Over-spooling of the markings SHALL NOT BE permitted.
- Removal of raised pavement markers shall be as directed by the Engineer.
- Removal of existing pavement markings and markers will be paid for directly in accordance with Item 671, "ELIMINATING EXISTING PAVEMENT MARKINGS AND MARKERS", unless otherwise stated in the plans.
- Block-out marking tape may be used to cover conflicting existing markings for periods less than two weeks when approved by the Engineer.

**REMOVED PAVEMENT MARKINGS**

- Removed pavement markers are to be placed according to the patterns on BC112.
- All raised pavement markers used for work zone markings shall meet the requirements of Item 672, "RAISED PAVEMENT MARKERS" and Departmental Material Specification DMS-4200 or DMS-4300.

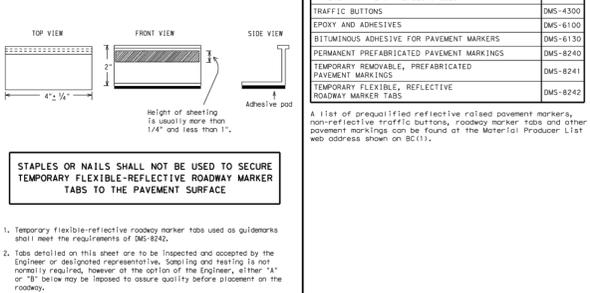
**PREFABRICATED PAVEMENT MARKINGS**

- Retrievable prefabricated pavement markings shall meet the requirements of DMS-8241.
- Non-retrievable prefabricated pavement markings (roll back) shall meet the requirements of DMS-8242.

**MAINTAINING WORK ZONE PAVEMENT MARKINGS**

- The Contractor will be responsible for maintaining work zone pavement markings within the work limits.
- Work zone pavement markings shall be inspected in accordance with the frequency and reporting requirements of work zone traffic control device inspections as required by Form 598.
- The markings should provide a visible reference for a minimum distance of 300 feet during normal daylight hours and 160 feet when illuminated by automatic low-beam headlights at night, unless sign distance is restricted by roadway geometry.
- Markings failing to meet this criteria within the first 30 days after placement shall be replaced at the expense of the Contractor as per Specification Item 662.

**Temporary Flexible-Reflective Roadway Marker Tabs**



**DEPARTMENTAL MATERIAL SPECIFICATIONS**

PAVEMENT MARKERS (REFLECTORIZED)	DMS-4200
TRAFFIC BARRICADES	DMS-4300
EPXY AND ADHESIVES FOR PAVEMENT MARKERS	DMS-6100
BITUMINOUS ADHESIVE FOR PAVEMENT MARKERS	DMS-6100
PERMANENT PREFABRICATED PAVEMENT MARKINGS	DMS-8240
TEMPORARY REMOVABLE, PREFABRICATED PAVEMENT MARKINGS	DMS-8241
TEMPORARY FLEXIBLE, REFLECTIVE ROADWAY MARKER TABS	DMS-8242

A list of pre-qualified reflective raised pavement markers, non-reflective traffic buttons, roadway marker tabs and other pavement markings can be found at the Material Producer List web address shown on BC11.

**RAISED PAVEMENT MARKERS USED AS GUIDEMARKS**

- Raised pavement markers used as guidemarks shall be from the approved product list, and meet the requirements of DMS-4200.
- All temporary construction raised pavement markers provided on a project shall be of the same manufacturer.
- Adhesive for guidemarks shall be bituminous material that applied or rubber pad on all surfaces, or thermoplastic for concrete surfaces.

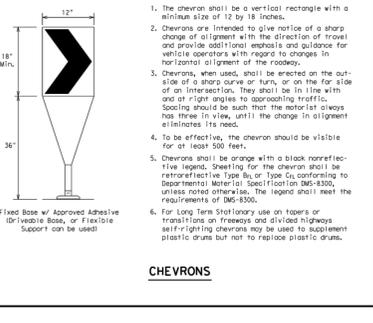
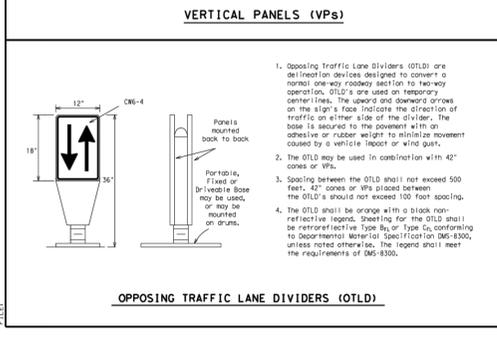
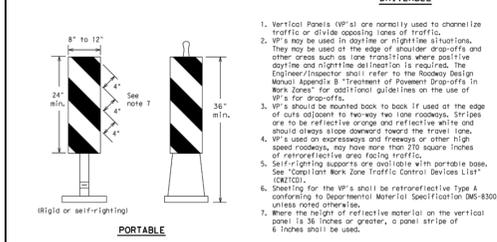
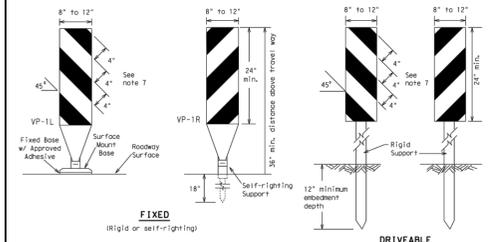
Guidemarks shall be designated as:  
 YELLOW - the other reflective surfaces with yellow body.  
 WHITE - the other reflective surfaces with white body.

**BARRICADE AND CONSTRUCTION PAVEMENT MARKING PATTERNS**

**BC (11) - 14**

Texas Department of Transportation  
 Traffic Operations Division

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**LONGITUDINAL CHANNELIZING DEVICES (LCD)**

Posted Speed #	Form No.	Minimum Desirable Spacing of Taper Lengths, ft.	Suggested Maximum Spacing of Channelizing Devices, ft.	On a 100' Station	On a 70' Station
30	L-85	150'	165'	180'	30'
35		205'	225'	245'	35'
40		265'	295'	320'	40'
45		450'	495'	540'	45'
50		500'	550'	600'	50'
55		550'	605'	660'	55'
60		600'	660'	720'	60'
65		650'	715'	780'	65'
70		700'	770'	840'	70'
75		750'	825'	900'	75'
80		800'	880'	960'	80'

\*For taper lengths have been rounded off.  
 L=Length of Taper (ft.)  
 M=Maximum offset (ft.)  
 S=Posted Speed (mph)

**SUGGESTED MAXIMUM SPACING OF CHANNELIZING DEVICES AND MINIMUM DESIRABLE TAPER LENGTHS.**

**WATER BALASTED SYSTEMS USED AS BARRIERS**

- Water ballasted systems used as barriers shall be used solely to channelize road users, but also to protect the work zones per the appropriate NCHRP 350 crashworthiness requirements based on roadway speed and barrier application.
- Water ballasted systems used as barriers shall be equipped with retroreflective channelizing devices to improve daytime/nighttime visibility. They may also be supplemented with pavement markings specific to the device, and used only when shown on the MUTCD list.
- Water ballasted systems used as barriers shall not be used for separating taper areas. In tapered areas less than 45 ft. in width, water ballasted systems used as barriers shall not be used for separating taper areas. In tapered areas less than 45 ft. in width, water ballasted systems used as barriers shall not be used for separating taper areas. In tapered areas less than 45 ft. in width, water ballasted systems used as barriers shall not be used for separating taper areas. In tapered areas less than 45 ft. in width, water ballasted systems used as barriers shall not be used for separating taper areas.
- When water ballasted systems used as barriers have a minimum depth of 18 inches, they should be attenuated as per manufacturer recommendations or fixed to a point outside the clear zone.

**HOLLOW OR WATER BALASTED SYSTEMS USED AS LONGITUDINAL CHANNELIZING DEVICES OR BARRIERS**

If used to channelize pedestrians, longitudinal channelizing devices or water ballasted systems must have a continuous, detectable bottom for users of long cones and the top of the unit shall not be less than 32 inches in height.

**GENERAL NOTES**

- Work zone channelizing devices illustrated on this sheet may be installed in close proximity to traffic and are suitable for use on high or low speed roadways. The Engineer/Inspector shall ensure that spacing and placement is uniform and in accordance with the Texas Manual on Uniform Traffic Control Devices (TMUD).
- Channelizing devices shown on this sheet may be of a driveable, fixed or portable base. The requirement for self-righting channelizing devices must be specified in the General Notes and in accordance with the Texas Manual on Uniform Traffic Control Devices (TMUD).
- Channelizing devices are frequently impacted by errant vehicles or vehicle related wind gusts making alignment of the channelizing devices difficult to maintain. Location of these devices shall be detailed elsewhere in the plans. These devices shall conform to the TMUD and the Departmental Material Specification DMS-8300.
- Portable bases shall be fabricated from virgin and/or recycled rubber. The portable bases shall weigh a minimum of 30 lbs.
- For Long Term Stationary work as defined on BC11, these devices shall not be used for intermediate-term or long-term stationary work unless personnel is on-site to maintain them in their proper upright position.
- Cones or tubular markers used on each project should be of the same size and shape.

**BARRICADE AND CONSTRUCTION CHANNELIZING DEVICES**

**BC (9) - 14**

Texas Department of Transportation  
 Traffic Operations Division

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JLB	N/A
	DATE
	AUGUST 2022

**MIDLAND COUNTY MIDLAND, TEXAS**

**DUNAWAY**  
 4000 N. Big Spring Street • Suite 101 • Midland, Texas 79705  
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 (TX REG. F-1114)

**MIDLAND COUNTY PRECINCT # 1**  
**SOUTH COUNTY ROAD 1270 - PHASE 2**  
**MIDLAND COUNTY, TEXAS**

**TxDOT TRAFFIC CONTROL DETAILS (3 OF 3)**

**DA PROJECT**  
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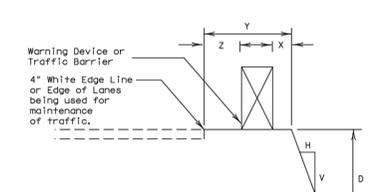
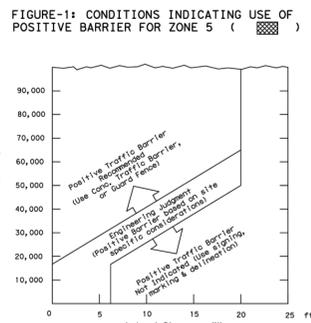
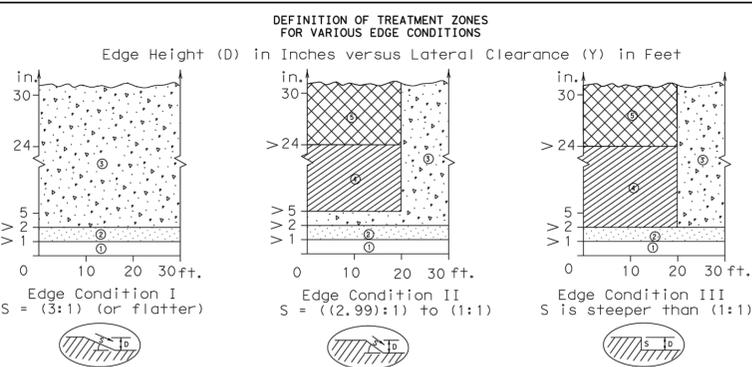








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**FACTORS CONSIDERED IN THE GUIDELINES:**

- The "Edge Condition" is the slope (S) of the drop-off (HW). The "Edge Height" is the depth of the drop-off "D".
- Distance "X" is to be the maximum practical under job conditions. Two feet minimum for high speed conditions. Distance "Y" is the lateral clearance from edge of travel lane to edge of drop-off. Distance "Z" does not have a minimum.
- In addition to the factors considered in the guidelines, each construction zone drop-off situation should be analyzed individually, taking into account other variables, such as: traffic mix, posted speed in the construction zone, horizontal curvature, and the practicality of the treatment options.
- The conditions for indicating the use of positive or protective barriers are given by Zones 5 and Figure 1. Traffic barriers are primarily applicable for high speed conditions. Urban areas with speeds of 30 mph or less may have a lesser need for signing, delineation, and barriers. Right-of-way edges, however, with "D" greater than 2 inches and located within a lateral offset of 6 feet, may indicate a higher level of treatment.
- If the distance "Y" must be less than 3 feet, the use of a positive barrier may not be feasible. In such a case, consider either: 1) narrowing the lanes to a desired 11 to 12 feet or 10 foot minimum (see CW20-8 sign), or 2) provide an edge slope such as Edge Condition I.

**Zone Treatment Types Guidelines:**

- No treatment.
- CW 8-11 "Uneven Lanes" signs.
- CW 8-9a "Shoulder Drop-Off" or CW 8-11 signs plus vertical panels.
- CW 8-9a or CW 8-11, signs plus drums. Where restricted space precludes the use of drums, use vertical panels. An edge fill may be provided to change the edge slope to that of the preferable Edge Condition I.
- Check Indications (Figure 1) for positive barrier. Where positive barrier is not indicated, the treatment shown above for Zone 4 may be used after consideration of other applicable factors.

**Edge Condition Notes:**

- Edge Condition I: Most vehicles are able to traverse an edge condition with a slope rate of (3 to 1) or flatter. The slope must be constructed with a compacted material capable of supporting vehicles.
- Edge Condition II: Most vehicles are able to traverse an edge condition with a slope between (2.99 to 1) and (1 to 1) as long as "D" does not exceed 5 inches. Under-ride drop on most automobiles will occur when "D" exceeds 6 inches. As "D" exceeds 24 inches, the possibility for rollover is greater in most vehicles.
- Edge Condition III: When slopes are greater than (1 to 1) and where "D" is greater than 2 inches, a more difficult control factor may exist for some vehicles. If not properly treated, for example, where "D" is greater than 2 inches and up to 24 inches different types of vehicles may experience different steering control at different edge heights. Automobiles might experience more steering control differential when "D" is greater than 2 inches and up to 5 inches. Trucks, particularly those with high loads, have more steering control differential when "D" is greater than 5 inches and up to 24 inches. When "D" exceeds 24 inches, the possibility of rollover is greater for most vehicles.
- Milling or overlay operations that result in Edge Condition III should not be in place without appropriate warning treatments, and these conditions should not be left in place for extended periods of time.

These guidelines apply to temporary traffic control areas or work zones where continuous pavement edges or drop-offs exist parallel and adjacent to a lane used by traffic. The edge conditions may be present between shoulders and travel lanes, between adjacent or opposing travel lanes, or at intermediate points across the width of the paved surface. Due to the variability in construction operations, tolerances in the variables may be allowed by the engineer. These guidelines do not apply to lane operations. These guidelines do not constitute a rigid standard or policy rather, they are guidance to be used in conjunction with engineering judgment. These guidelines may be updated on the Design Division's on-line manual.

**WORKSHEET FOR EDGE CONDITION TREATMENT TYPES**

08/05/2020 August 2020

JENNIFER L. BECKER  
102960  
PROFESSIONAL ENGINEER

DATE: 08-01

**FIGURE-1: CONDITIONS INDICATING USE OF POSITIVE BARRIER FOR ZONE 5**

**TWO LANE TWO-WAY ROADWAY WITH OR WITHOUT SHOULDERS**

**CENTERLINE AND LANE LINES FOUR LANE TWO-WAY ROADWAY WITH OR WITHOUT SHOULDERS**

**EDGE LINE AND LANE LINES ONE-WAY ROADWAY WITH OR WITHOUT SHOULDERS**

**GUIDE FOR PLACEMENT OF STOP LINES, EDGE LINE & CENTERLINE**

**TABLE 1 - TYPICAL LENGTH (L)**

**ROADWAYS WITH REDUCED SHOULDER WIDTHS ACROSS BRIDGE OR CULVERT**

**YIELD LINES**

**GENERAL NOTES:**

- Equal line striping shall be as shown in the signs or as directed by the Engineer. The edge line should typically be placed a minimum of 6 inches from the edge of pavement. This distance may vary due to pavement roughing or other conditions. Edge lines are not required in curb and gutter sections of the same intersection.
- The traveled way includes only that portion of the roadway used for vehicular travel and not the parking lanes, sidewalks, berms and shoulders. The traveled way shall be measured from the inside of edge line to inside of edge line of a two lane roadway.

**MATERIAL SPECIFICATIONS**

PAVEMENT MARKERS (REFLECTORIZED)	DMS-4200
EPXY AND ADHESIVES	DMS-6100
BITUMINOUS ADHESIVE FOR PAVEMENT MARKERS	DMS-6130
TRAFFIC PAINT	DMS-8200
NOT APPLIED THERMOPLASTIC	DMS-8220
PERMANENT PREFABRICATED PAVEMENT MARKINGS	DMS-8240

All pavement marking materials shall meet the required Departmental Material Specifications as specified by the plans.

**LEGEND**

Posted Speed (mph)	Formula	Minimum Desirable Spacing (ft)	Suggested Maximum Spacing (ft)	Minimum Spacing (ft)	Suggested Longitudinal Buffer Space (ft)
30	150'	150'	180'	30'	60'
35	205'	225'	245'	35'	70'
40	285'	295'	320'	40'	80'
45	350'	435'	540'	45'	90'
50	500'	550'	600'	50'	100'
55	L=WS	550'	605'	55'	110'
60	660'	660'	720'	60'	120'
65	650'	715'	780'	65'	130'
70	700'	770'	840'	70'	140'
75	750'	825'	900'	75'	150'

Conventional Roads Only  
XX Taper lengths have been rounded off.  
L=Length of Taper (ft) W=Width of Offset (ft) S=Posted Speed (mph)

**TYPICAL USAGE**

MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
✓	✓	✓	✓	✓

**GENERAL NOTES:**

- Flags attached to signs where shown, are REQUIRED.
- All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be omitted when stated in the plans, or for routine maintenance work, when approved by the Engineer.
- When work space will be in place less than three days existing pavement markings may remain in place. Channelizing devices shall be used to separate traffic.
- Flagger control should NOT be used unless roadway conditions or heavy traffic volume require additional emphasis to safely control traffic. Flagger should be positioned at end of traffic queue.
- The 41-1 "DO NOT PASS" 44-2 "PASS WITH CARE" and construction regulatory speed zone signs may be installed within CW20-10 "ROAD WORK AHEAD" signs. Proper spacing of signs shall be maintained.
- Conflicting pavement marking shall be removed for long term projects.
- A shadow vehicle with TMA and high intensity rotating, flashing, oscillating or strobe lights, shall be used on the area of one exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted. In place, shadow vehicles with TMA may be positioned off the paved surface, next to those shown in order to protect a wider work space.

**TCP (2-30)**

**TCP (2-30)-18**

TRAFFIC CONTROL PLAN  
TRAFFIC SHIFTS ON  
TWO-LANE ROADS

08/05/2020 August 2020

JENNIFER L. BECKER  
102960  
PROFESSIONAL ENGINEER

DATE: 08-01

FILE NAME: TxDOT TRAFFIC CONTROL PLAN - TRAFFIC SHIFTS ON TWO-LANE ROADS  
PLOT DATE: 08/05/2020 10:50:00 AM  
PLOT BY: JLB

NO.	REVISION	BY	DATE	CHECKED

TxDOT	DESIGNED	JLB
TxDOT	DRAWN	JLB
TxDOT	CHECKED	

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE	HORIZ	N/A
SCALE	VERT	N/A
SCALE	DATE	AUGUST 2022

**DUNAWAY**

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

08/05/2020 August 2020

JENNIFER L. BECKER  
102960  
PROFESSIONAL ENGINEER

DATE: 08-01

**MIDLAND COUNTY PRECINCT # 1**

**SOUTH COUNTY ROAD 1270 - PHASE 2**

**MIDLAND COUNTY, TEXAS**

**TxDOT PAVEMENT MARKINGS AND TRAFFIC CONTROL PLAN DETAILS**

DA PROJECT: B005667.001

SHEET: 15



**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:**

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**UTILITY RELOCATION NOTE:**

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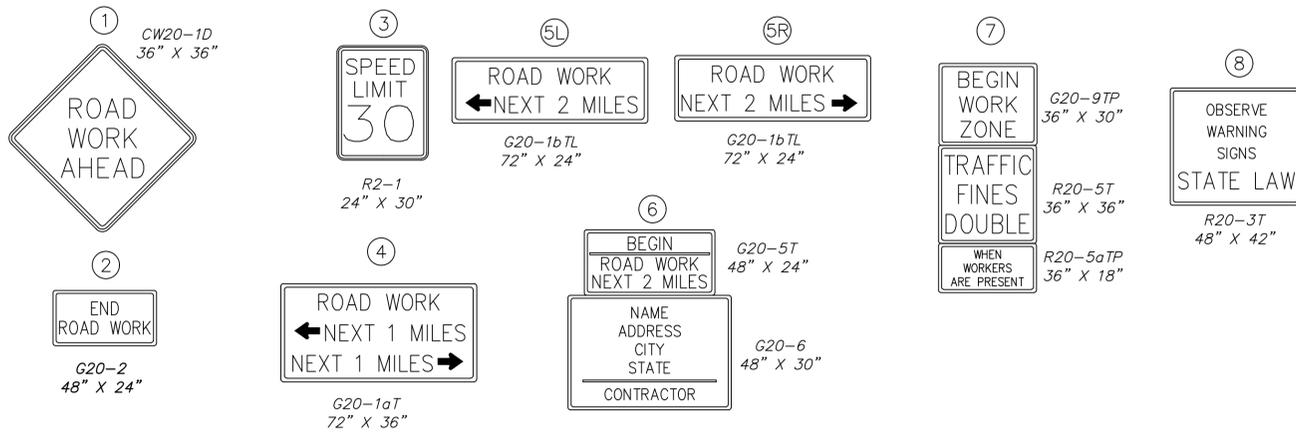
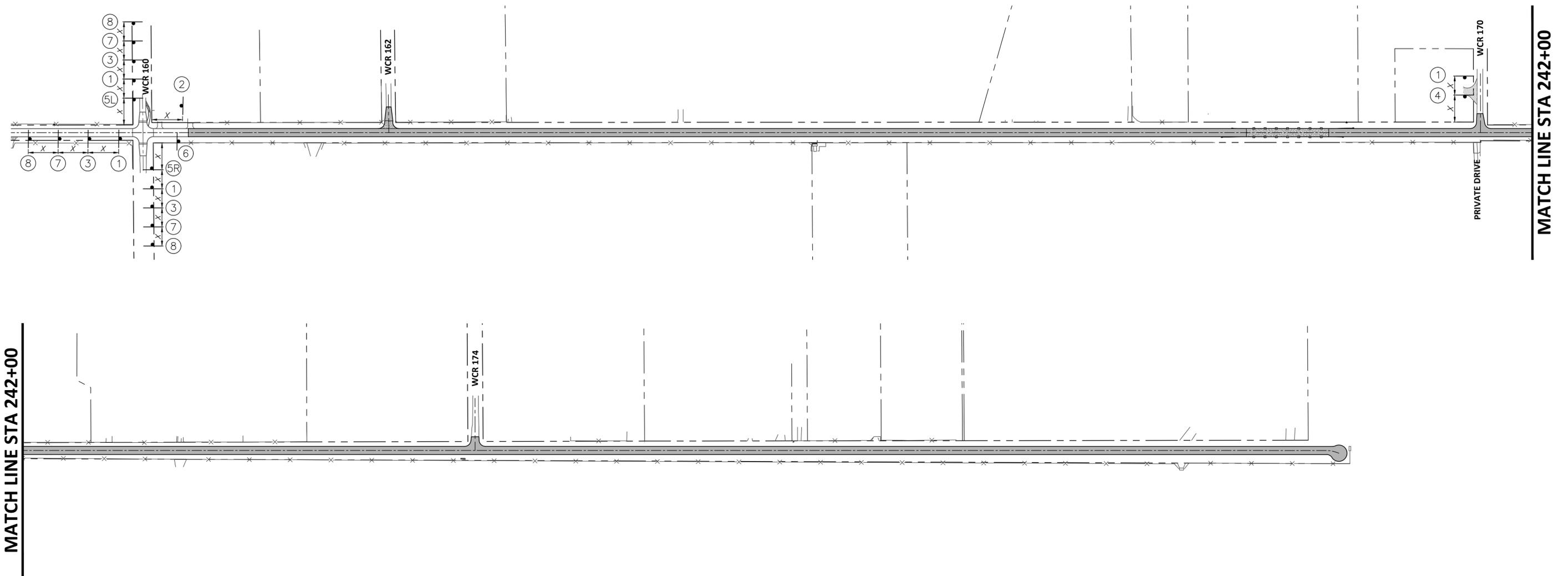
**STATE PLANE COORDINATE NOTE:**

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

**BENCHMARK:**

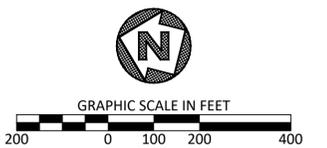
SEE GENERAL NOTES (SHEET 1) FOR DETAILS

# SOUTH COUNTY ROAD 1270



**GENERAL TRAFFIC CONTROL NOTES:**

1. THE ADVANCE WARNING SIGNS SHALL BE LOCATED IN ADVANCE OF THE PHASING TRAFFIC CONTROL SEQUENCING FOR THE ABOVE LOCATIONS.
2. THE ADVANCE WARNING SIGNS SHALL REMAIN IN PLACE FOR THE DURATION OF THE CONTRACT OR AS DIRECTED BY THE ENGINEER.
3. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 10' CLEAR ZONE (MEASURED FROM THE EDGE OF THE ADJACENT TRAFFIC LANE) DURING NON-WORK HOURS.
4. "X" REFER TO BC(2)-14 FOR SPACING.
5. WORK ALONG ROADWAY SHALL BE DURING DAYLIGHT HOURS ACCORDING TO TXDOT STANDARDS TCP(2-3)-18.



FULL PATH: G:\Production\4000\055667\001\Civil\Drawings\Plan Sheets\Phase 1\TRAFFIC CONTROL PLAN - PHASE 2.dwg  
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 PLOTTED BY: JENNIFER L. BECKER  
 PLOTTED AT: 11:51:03 AM

NO.	REVISION	BY	DATE

RLB	DESIGNED
RLB	DRAWN
BWA	BWA
	CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE	HORIZ	1"=200'
	VERT	N/A
	DATE	AUGUST 2022

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



MIDLAND COUNTY PRECINCT # 1  
 SOUTH COUNTY ROAD 1270 - PHASE 2  
 MIDLAND COUNTY, TEXAS

**ADVANCED WARNING SIGNS LAYOUT**

DA PROJECT  
B005667.001

SHEET  
**16**



**WARNING TO CONTRACTOR:**

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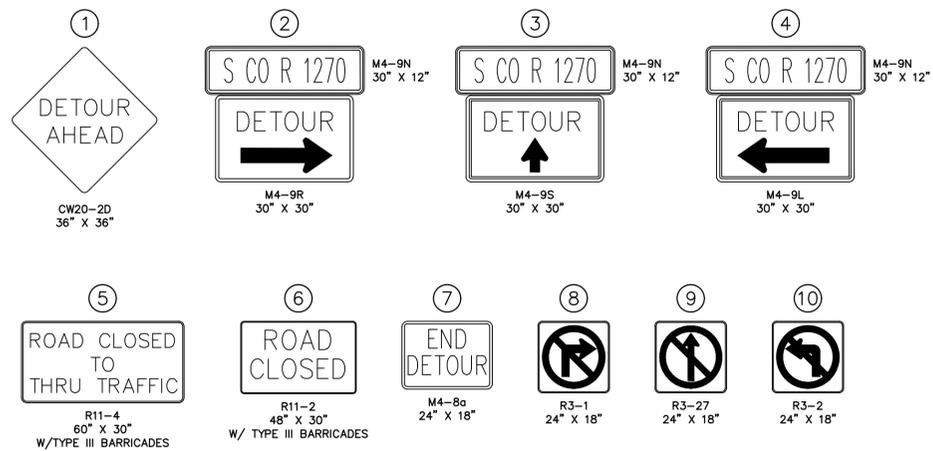
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**BENCHMARK:**

SEE GENERAL NOTES (SHEET 1) FOR DETAILS

# SOUTH COUNTY ROAD 1270



**SEQUENCING:**

- ROAD CLOSED FROM WCR 160 TO WCR 170. FULL RECONSTRUCTION TO OCCUR FROM BEGINNING TO WITHIN ~150' OF WCR 170. DETOUR ROUTE: WCR 160 TO SCR 1265 TO WCR 170.
- ROAD CLOSED EXCEPT TO LOCAL TRAFFIC FROM WCR 170 TO END. MAINTAIN 1-LANE, 2-WAY TRAFFIC ON EAST SIDE OF SCR 1270. MAINTAIN DETOUR ROUTE FROM #1.
- ROAD CLOSED EXCEPT LOCAL TRAFFIC FROM WCR 170 TO END, INCLUDING WCR 170 FROM SCR 1270 TO SCR 1265. MAINTAIN 1-LANE, 2-WAY TRAFFIC ON WEST SIDE OF SCR 1270. RECONSTRUCTION ON EAST SIDE OF SCR 1270 AND WCR 170. NO DETOUR ROUTE NEEDED AT THIS POINT.

**OPTIONAL:**

DURING SEQUENCING 2 AND 3, TEMPORARY 1-LANE, 1-WAY TRAFFIC DURING WORK HOURS ONLY, WITH APPROPRIATE FLAGGERS AND SIGNAGE IN AREAS OF FILL. CONTRACTOR TO RE-OPEN ROAD TO 1-LANE, 2-WAY TRAFFIC DURING NON-WORK HOURS (EVENINGS, WEEKENDS, HOLIDAYS, ETC).

**GENERAL TRAFFIC CONTROL NOTES:**

- TRAFFIC DETOUR SIGNS ARE DISPLAYED FOR ILLUSTRATIVE PURPOSES ONLY AND DO NOT REFLECT ACTUAL SIGN PLACEMENT LOCATIONS. FIELD CONDITIONS, STANDARDS, AND TEXAS MUTCD SHALL GOVERN ACTUAL SIGN LOCATIONS.
- RESIDENTS SHALL HAVE DRIVE ACCESS TO THEIR PROPERTY AT ALL TIMES.



FULL PATH: C:\p\road\4000\0505667\001\Drawings\Plan Sheets\Phase 2\TRAFFIC DETOUR PLAN - PHASE 2.dwg

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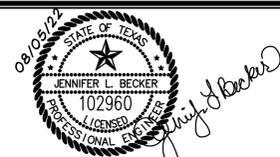
NO.	REVISION	BY	DATE

RLB	DESIGNED
RLB	DRAWN
BWA	CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE	HORIZ
1" = 500'	VERT
	N/A
	DATE
	AUGUST 2022

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



MIDLAND COUNTY PRECINCT # 1	DA PROJECT
SOUTH COUNTY ROAD 1270 - PHASE 2	B005667.001
MIDLAND COUNTY, TEXAS	SHEET
<b>TRAFFIC DETOUR PLAN</b>	<b>17</b>



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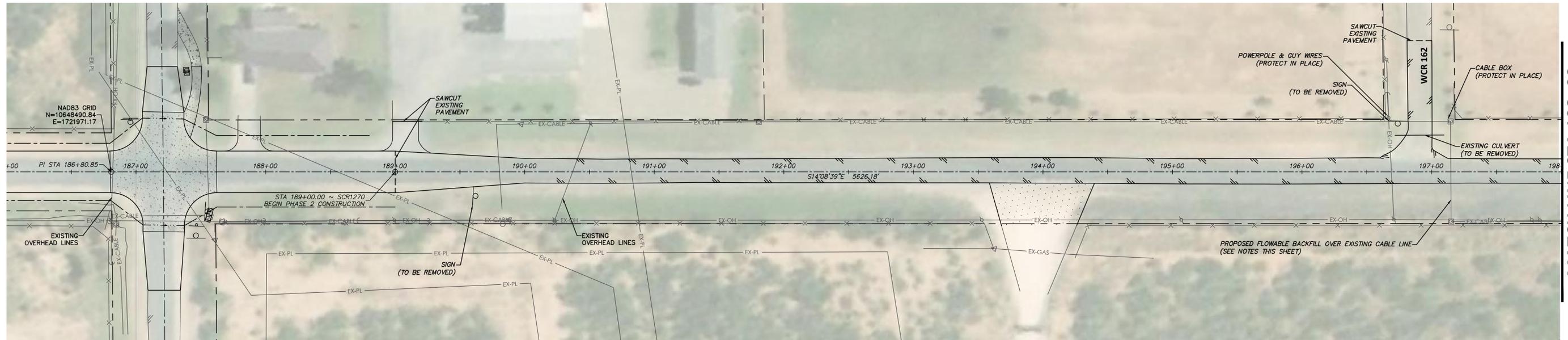
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**BENCHMARK:**

SEE GENERAL NOTES (SHEET 1) FOR DETAILS

# SOUTH COUNTY ROAD 1270



MATCH LINE STA 198+00

- NOTES:**
- PIPELINE CONCRETE CAPS AND FLOWABLE BACKFILL ARE INTENDED TO BE INSTALLED ACROSS THE ENTIRE WIDTH OF THE RIGHT-OF-WAY.
  - CONTRACTOR TO FIELD VERIFY LOCATION OF UTILITY AND CENTER PROPOSED PROTECTION.
  - CONTRACTOR TO COORDINATE WITH UTILITY OWNER TO VERIFY PROTECTION REQUIREMENT PRIOR TO INSTALLATION.



FULL PATH: G:\Production\4000\0505667\001\CAD\Drawings\Plan Sheets\Phase 2\Overall Roadway Stationing.dwg  
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 PLOTTED BY: JESSICA SCHUBERT  
 PLOTTED AT: 11:31:36 AM

				JLB	<b>MIDLAND COUNTY MIDLAND, TEXAS</b>	SCALE	 4000 N. Big Spring Street • Suite 101 • Midland, Texas 79705 Tel: 432.699.4889 (TX REG. F-1114)		MIDLAND COUNTY PRECINCT # 1	DA PROJECT	
				DESIGNED		AJA			1" = 40'	SOUTH COUNTY ROAD 1270 - PHASE 2	B005667.001
				DRAWN		N/A			N/A	MIDLAND COUNTY, TEXAS	SHEET
				CHECKED		JLB			AUGUST 2022	OVERALL ROADWAY STATIONING STA 189+00 TO 198+00	18
NO.	REVISION	BY	DATE	CHECKED							



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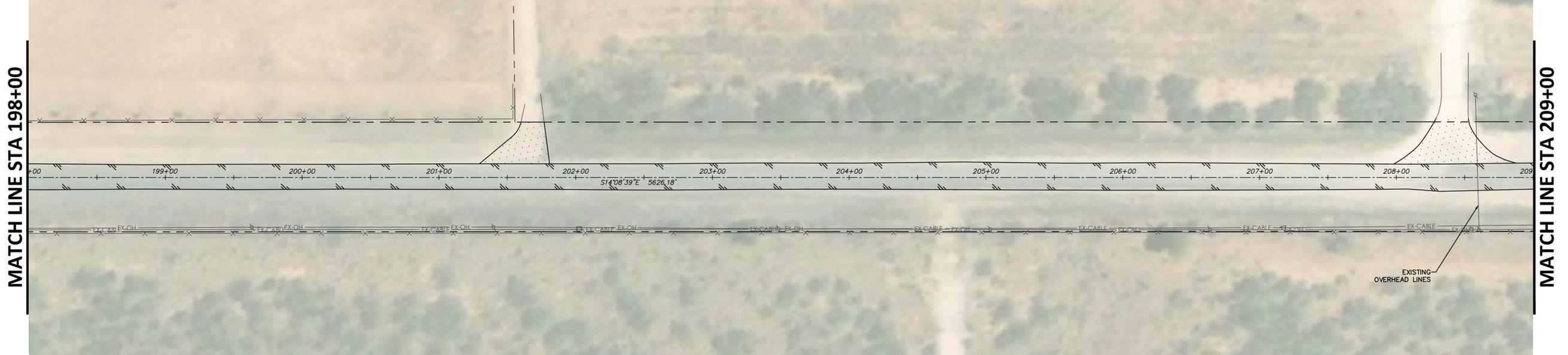
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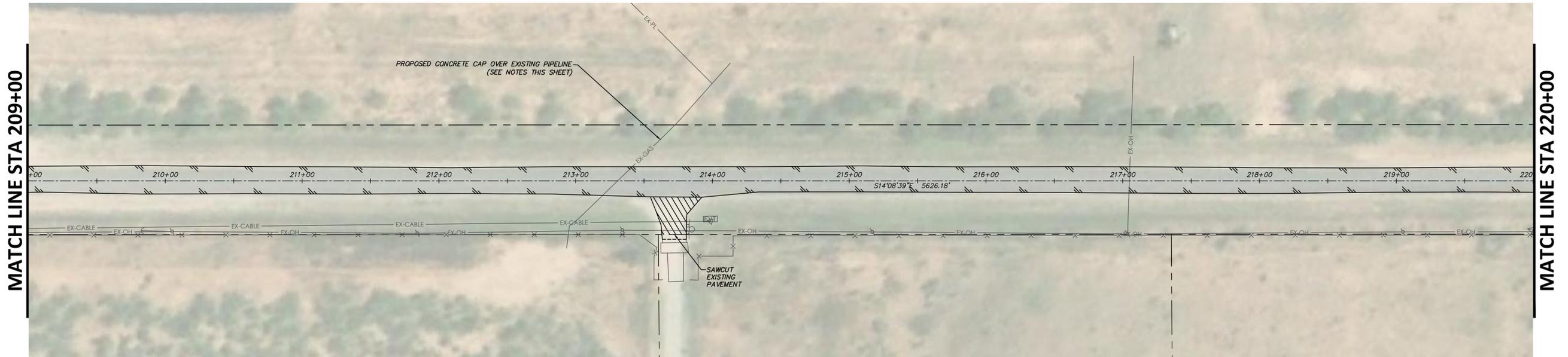
SEE GENERAL NOTES (SHEET 1) FOR DETAILS

# SOUTH COUNTY ROAD 1270



**NOTES:**

1. PIPELINE CONCRETE CAPS AND FLOWABLE BACKFILL ARE INTENDED TO BE INSTALLED ACROSS THE ENTIRE WIDTH OF THE RIGHT-OF-WAY.
2. CONTRACTOR TO FIELD VERIFY LOCATION OF UTILITY AND CENTER PROPOSED PROTECTION.
3. CONTRACTOR TO COORDINATE WITH UTILITY OWNER TO VERIFY PROTECTION REQUIREMENT PRIOR TO INSTALLATION.



FULL PATH: G:\Production\0000\005667\001\Civil\Drawings\Plan Sheets\Phase 2\Overall Stationing.dwg  
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 PLOTTED AT: 11:51:42 AM

NO.	REVISION	BY	DATE	CHECKED

JLB	DESIGNED
AJA	DRAWN
JLB	CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE	HORIZ
1" = 40'	VERT
	N/A
	DATE
AUGUST	2022

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



MIDLAND COUNTY PRECINCT # 1  
 SOUTH COUNTY ROAD 1270 - PHASE 2  
 MIDLAND COUNTY, TEXAS  
**OVERALL ROADWAY STATIONING  
 STA 198+00 TO 220+00**

DA PROJECT  
 B005667.001  
 SHEET  
**19**



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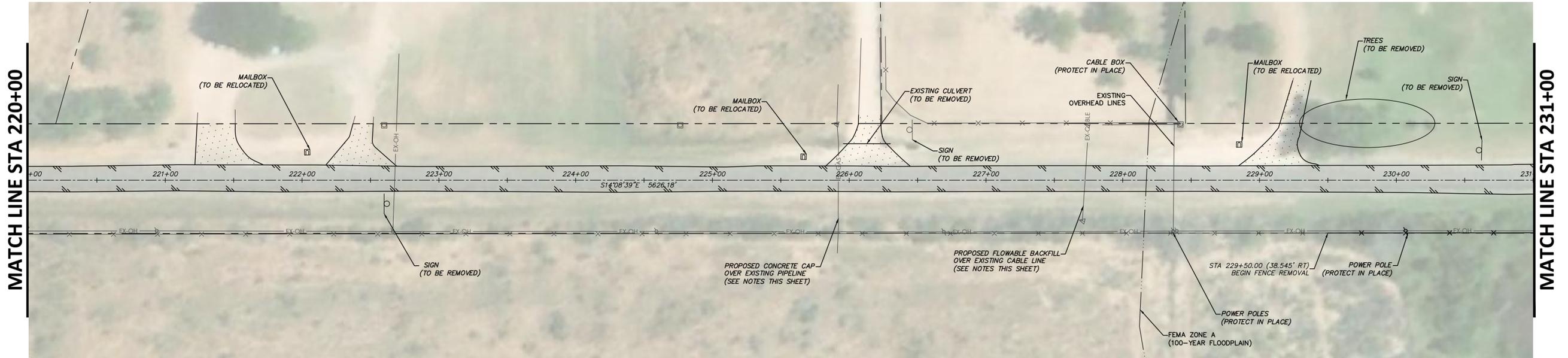
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**BENCHMARK:**

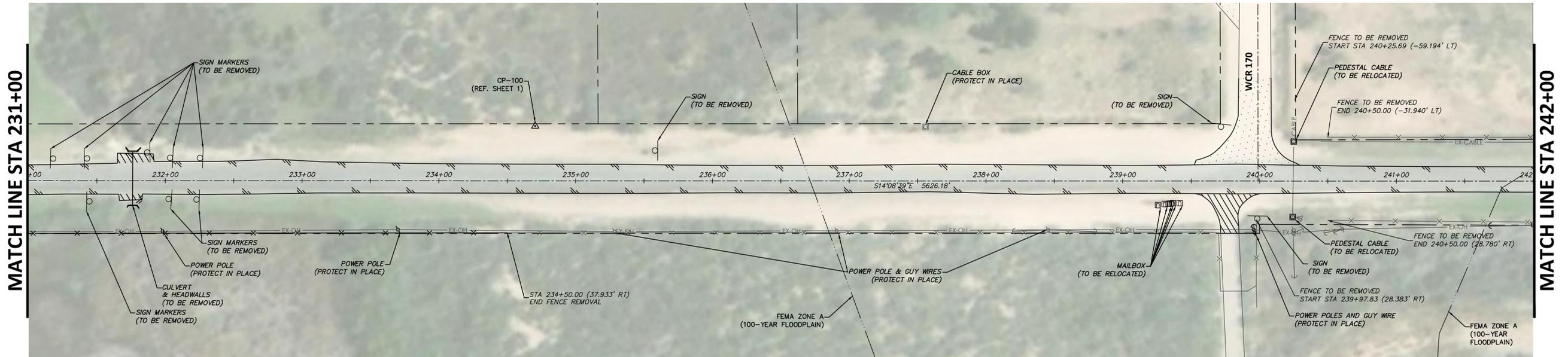
SEE GENERAL NOTES (SHEET 1) FOR DETAILS

# SOUTH COUNTY ROAD 1270



**NOTES:**

1. PIPELINE CONCRETE CAPS AND FLOWABLE BACKFILL ARE INTENDED TO BE INSTALLED ACROSS THE ENTIRE WIDTH OF THE RIGHT-OF-WAY.
2. CONTRACTOR TO FIELD VERIFY LOCATION OF UTILITY AND CENTER PROPOSED PROTECTION.
3. CONTRACTOR TO COORDINATE WITH UTILITY OWNER TO VERIFY PROTECTION REQUIREMENT PRIOR TO INSTALLATION.



FULL PATH: G:\Production\2020\05505667\001\Civil\Drawings\Plan sheets\Phase 2\Overall Stationing.dwg  
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 PLOTTED AT: 11:37:47 AM

NO.	REVISION	BY	DATE	CHECKED

JLB	DESIGNED	<b>MIDLAND COUNTY MIDLAND, TEXAS</b>
AJA	DRAWN	
JLB	CHECKED	

SCALE	 4000 N. Big Spring Street • Suite 101 • Midland, Texas 79705 Tel: 432.699.4889 (TX REG. F-1114)
HORIZ	
1" = 40'	
VERT	
N/A	
DATE	AUGUST 2022

*Jennifer L. Becker*

MIDLAND COUNTY PRECINCT # 1	DA PROJECT
SOUTH COUNTY ROAD 1270 - PHASE 2	B005667.001
MIDLAND COUNTY, TEXAS	SHEET
<b>OVERALL ROADWAY STATIONING</b>	<b>20</b>
<b>STA 220+00 TO 242+00</b>	



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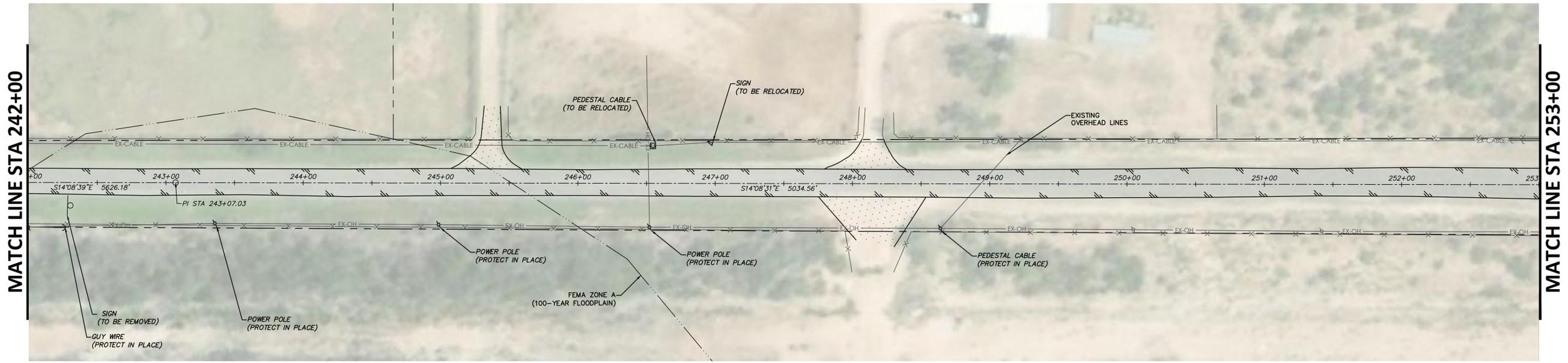
**CRITICAL:**  
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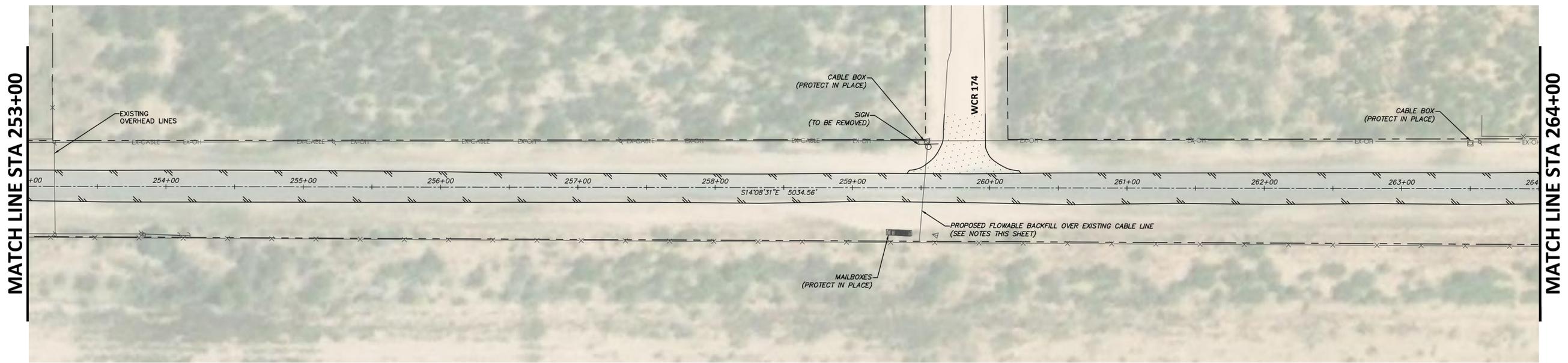
**STATE PLANE COORDINATE NOTE:**  
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**BENCHMARK:**  
SEE GENERAL NOTES (SHEET 1) FOR DETAILS

# SOUTH COUNTY ROAD 1270



- NOTES:**
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NO.	REVISION	BY	DATE	CHECKED

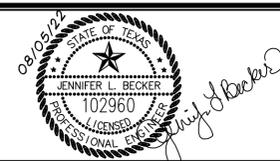
JLB  
DESIGNED  
AJA  
DRAWN  
JLB  
CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE	1" = 40'
HORIZ	N/A
VERT	N/A
DATE	AUGUST 2022

**DUNAWAY**

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



MIDLAND COUNTY PRECINCT # 1  
SOUTH COUNTY ROAD 1270 - PHASE 2  
MIDLAND COUNTY, TEXAS

OVERALL ROADWAY STATIONING  
STA 242+00 TO 264+00

DA PROJECT  
B005667.001

SHEET  
**21**



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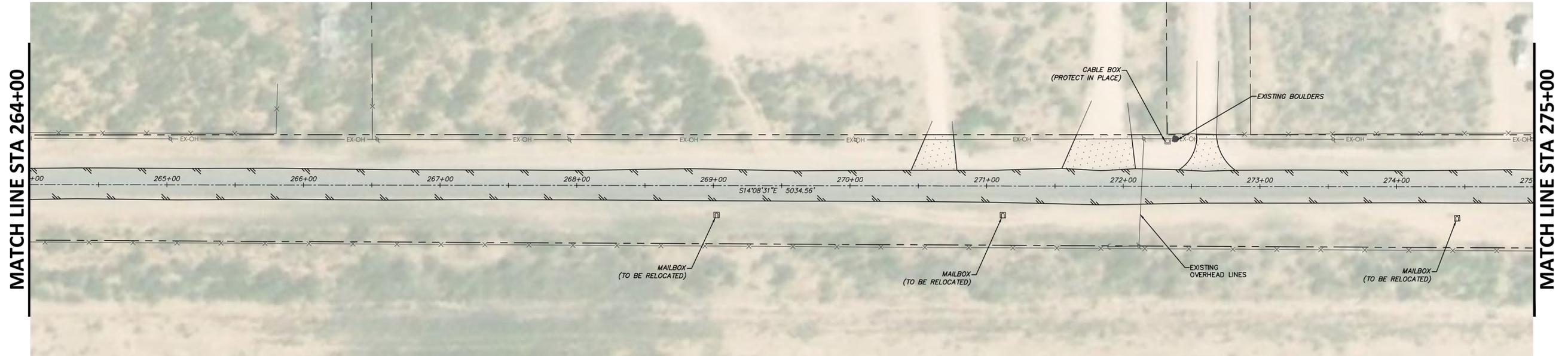
**STATE PLANE COORDINATE NOTE:**

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

**BENCHMARK:**

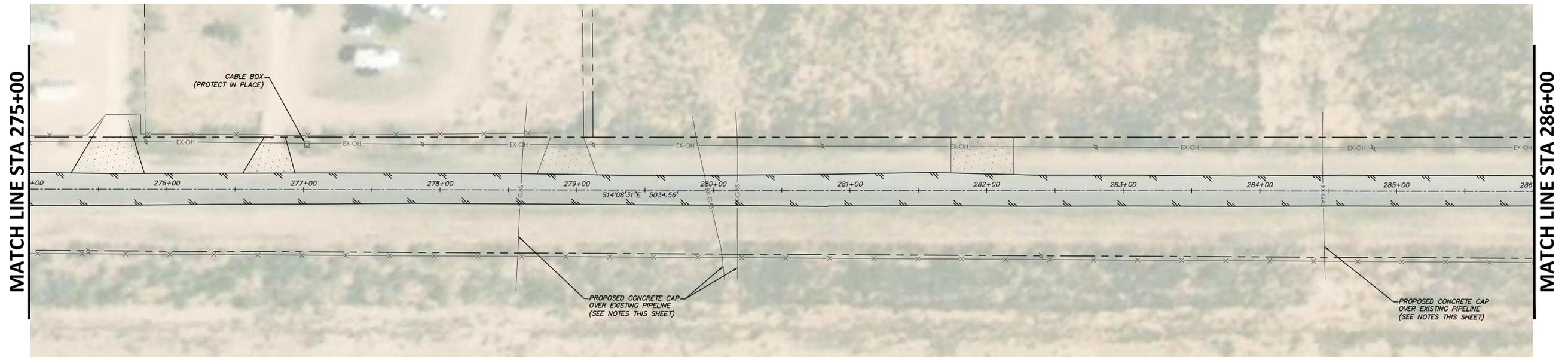
SEE GENERAL NOTES (SHEET 1) FOR DETAILS

# SOUTH COUNTY ROAD 1270



**NOTES:**

- PIPELINE CONCRETE CAPS AND FLOWABLE BACKFILL ARE INTENDED TO BE INSTALLED ACROSS THE ENTIRE WIDTH OF THE RIGHT-OF-WAY.
- CONTRACTOR TO FIELD VERIFY LOCATION OF UTILITY AND CENTER PROPOSED PROTECTION.
- CONTRACTOR TO COORDINATE WITH UTILITY OWNER TO VERIFY PROTECTION REQUIREMENT PRIOR TO INSTALLATION.



FULL PATH: G:\Production\0000\005667\001\CAD\Drawings\Plan sheets\Phase 2\Overall Roadway Stationing.dwg

FILENAME: OVERALL ROADWAY STATIONING.dwg  
PLOTTER: HP DesignJet 505, 2022  
PLOT DATE: 11/15/23 AM

NO.	REVISION	BY	DATE

JLB	DESIGNED
AJA	DRAWN
JLB	CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE	HORIZ
1" = 40'	VERT
N/A	DATE
AUGUST	2022

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



MIDLAND COUNTY PRECINCT # 1	DA PROJECT
SOUTH COUNTY ROAD 1270 - PHASE 2	B005667.001
MIDLAND COUNTY, TEXAS	SHEET
<b>OVERALL ROADWAY STATIONING</b>	<b>22</b>
<b>STA 264+00 TO 286+00</b>	



**WARNING TO CONTRACTOR:**

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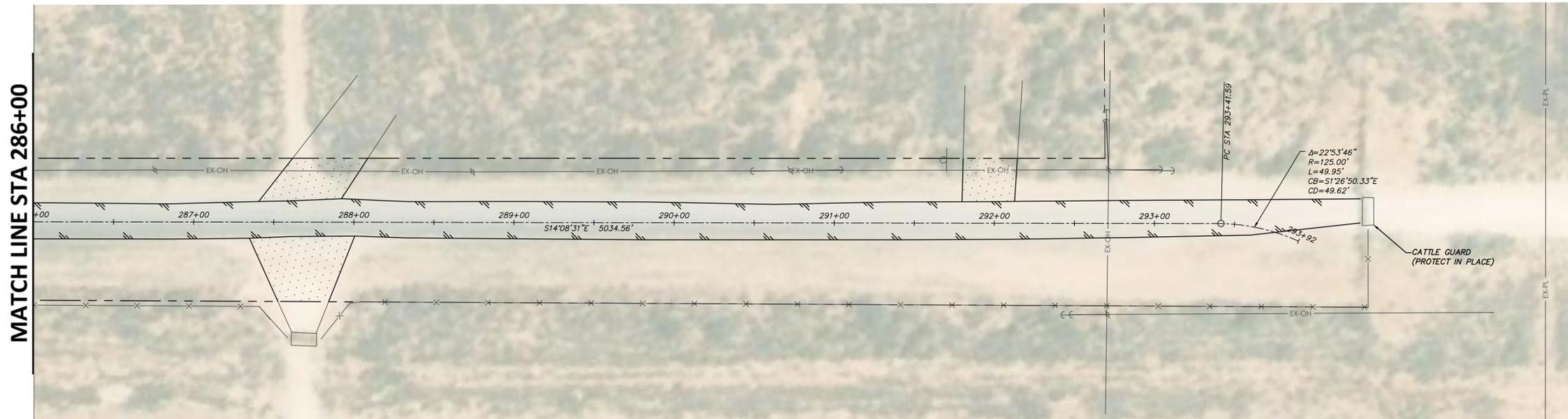
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**BENCHMARK:**

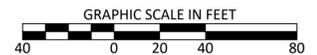
SEE GENERAL NOTES (SHEET 1) FOR DETAILS

# SOUTH COUNTY ROAD 1270



**NOTES:**

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2. CONTRACTOR TO FIELD VERIFY LOCATION OF UTILITY AND CENTER PROPOSED PROTECTION.
3. CONTRACTOR TO COORDINATE WITH UTILITY OWNER TO VERIFY PROTECTION REQUIREMENT PRIOR TO INSTALLATION.



FULL PATH: G:\Production\2020\05560567\001\CAD\Drawings\Plan sheets\Phase 20\Overall Roadway Stationing.dwg

FILENAME: OVERALL ROADWAY STATIONING.dwg  
PLOTTER: HP DesignJet 500, 2022  
PLOT DATE: 11/27/2021

NO.	REVISION	BY	DATE

JLB	DESIGNED
AJA	DRAWN
JLB	CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE	1" = 40'
HORIZ	N/A
VERT	N/A
DATE	AUGUST 2022

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



MIDLAND COUNTY PRECINCT # 1	DA PROJECT B005667.001
SOUTH COUNTY ROAD 1270 - PHASE 2 MIDLAND COUNTY, TEXAS	SHEET
<b>OVERALL ROADWAY STATIONING STA 286+00 TO END</b>	<b>23</b>



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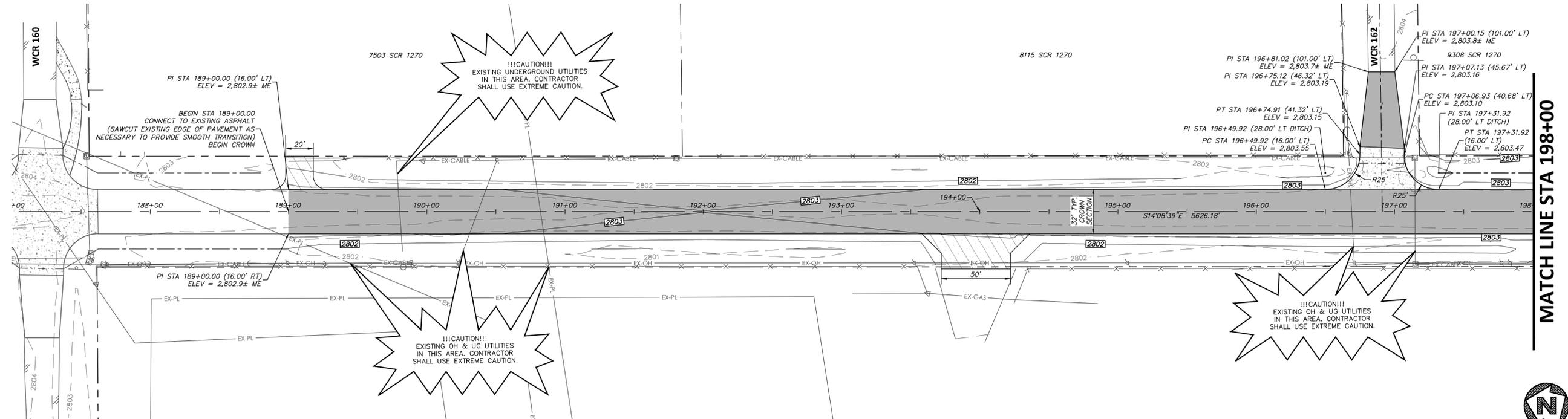
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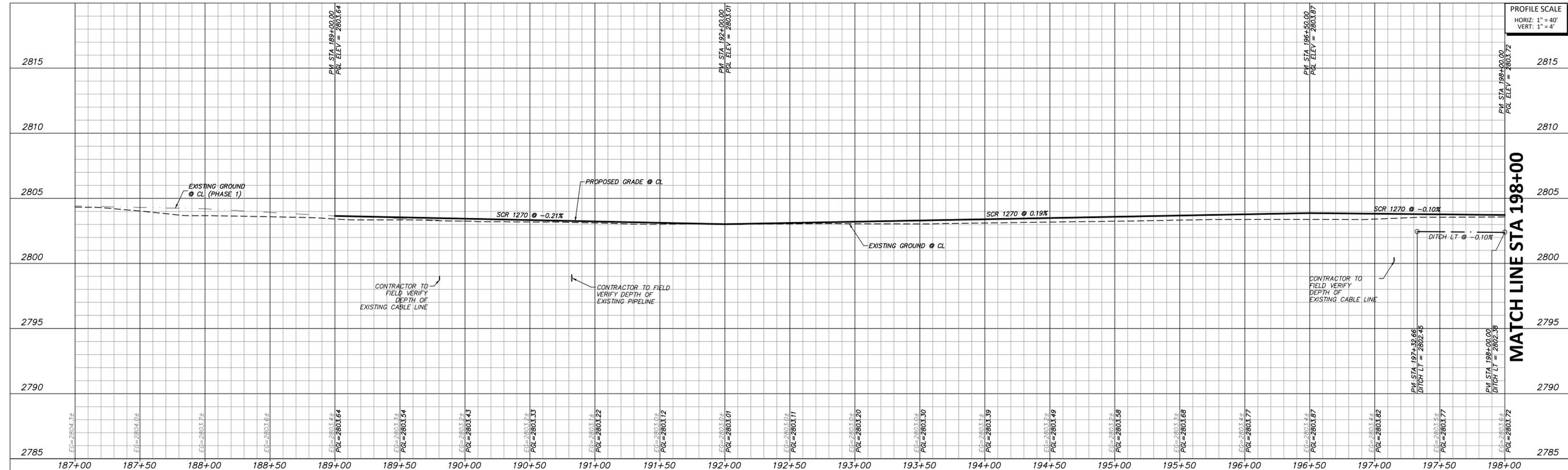
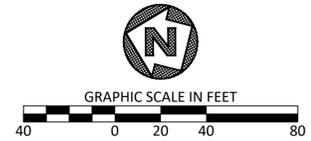
**BENCHMARK:**

SEE GENERAL NOTES (SHEET 1) FOR DETAILS



- NOTES:**
- CONTRACTOR TO SLOPE FROM SHOULDER TO EXISTING GROUND AT 6:1 FROM STATION 189+00 TO 196+00, NO PROPOSED DITCHES ON EITHER SIDE OF THE ROADWAY.

# SOUTH COUNTY ROAD 1270



FULL PATH: C:\ProgramData\Autodesk\LT2022\Drawings\Plan\Sheet\Phase 1\B005667.dwg  
 FILENAME: ROAD.Plan.dwg  
 PLOTTED BY: JESSICA SCHWENK  
 PLOTTED AT: 11:32:46 AM

NO.	REVISION	BY	DATE	CHECKED

JLB	DESIGNED	SCALE
RVG	DRAWN	HORIZ 1" = 40'
JLB	CHECKED	VERT 1" = 4'
MIDLAND COUNTY MIDLAND, TEXAS		DATE AUGUST 2022

**DUNAWAY**

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



MIDLAND COUNTY PRECINCT # 1  
 SOUTH COUNTY ROAD 1270 - PHASE 2  
 MIDLAND COUNTY, TEXAS

**PLAN AND PROFILE  
 STA 189+00 TO 198+00**

DA PROJECT  
B005667.001

SHEET  
**24**





**WARNING TO CONTRACTOR:**

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**STATE PLANE COORDINATE NOTE:**

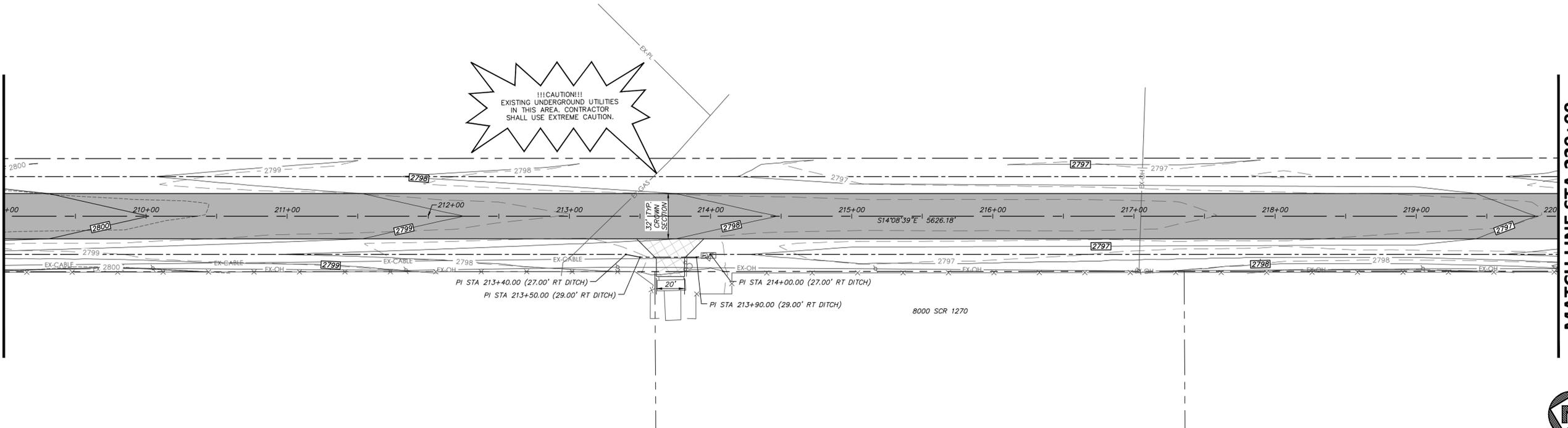
COORDINATES PROVIDED ARE RELATIVE TO THE TEXAS STATE PLANE COORDINATE SYSTEM (NAD83), CENTRAL ZONE 4203; ALL COORDINATES, BEARINGS, AND DISTANCES ARE NAD83 GRID VALUES.

**BENCHMARK:**

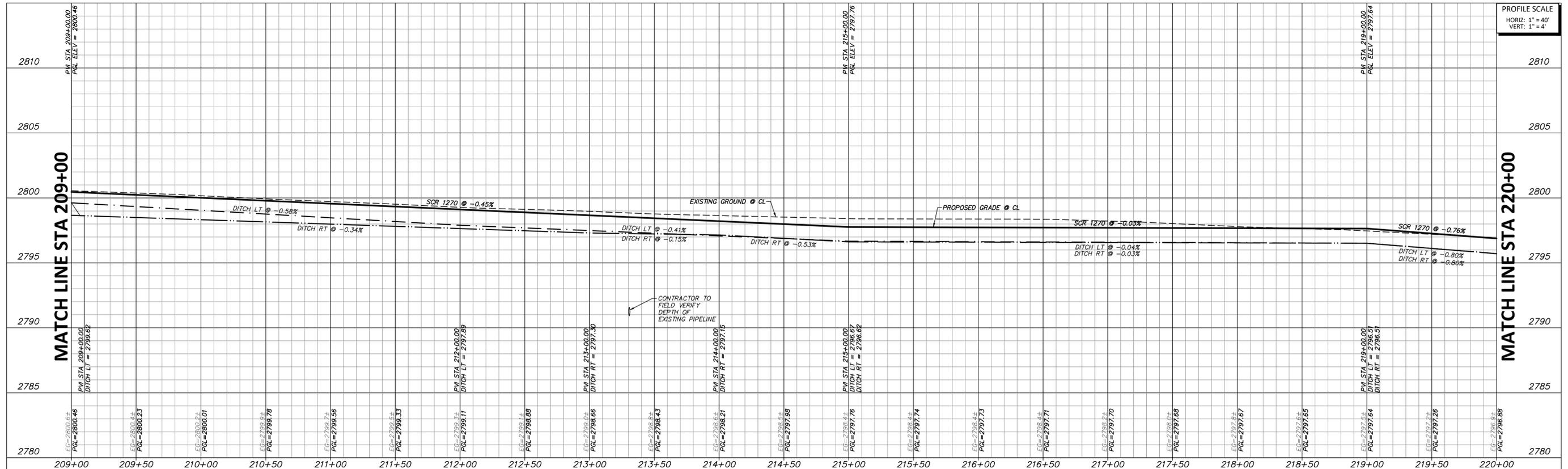
SEE GENERAL NOTES (SHEET 1) FOR DETAILS

MATCH LINE STA 209+00

MATCH LINE STA 220+00



**SOUTH COUNTY ROAD 1270**



PROFILE SCALE  
HORIZ: 1" = 40'  
VERT: 1" = 4'

FULL PATH: G:\Production\4000\055000567\001\Civil\Drawings\Plan sheets\Phase 1\RD001\_Plan.dwg

FILENAME: RD001\_Plan.dwg  
PLOTTER: HP DesignJet 500  
PLOT DATE: 11/13/21 10:51 AM

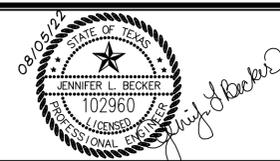
NO.	REVISION	BY	DATE	CHECKED

JLB  
DESIGNED  
RVG  
DRAWN  
JLB  
CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE	HORIZ 1" = 40'
	VERT 1" = 4'
DATE	AUGUST 2022

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



MIDLAND COUNTY PRECINCT # 1  
SOUTH COUNTY ROAD 1270 - PHASE 2  
MIDLAND COUNTY, TEXAS

**PLAN AND PROFILE  
STA 209+00 TO 220+00**

DA PROJECT B005667.001
SHEET <b>26</b>



**WARNING TO CONTRACTOR:**

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**STATE PLANE COORDINATE NOTE:**

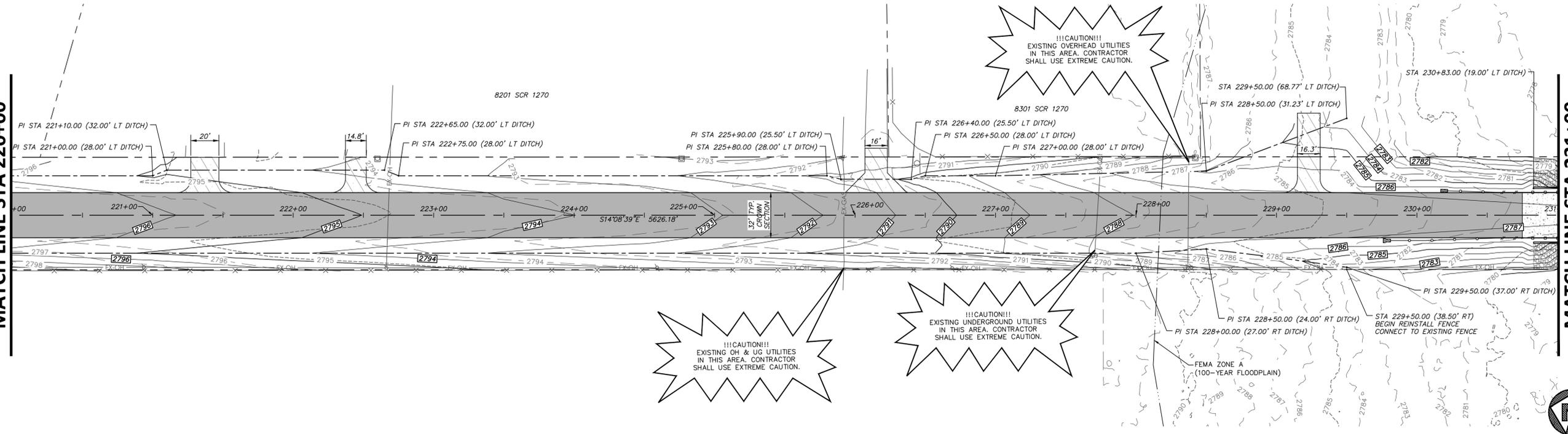
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**BENCHMARK:**

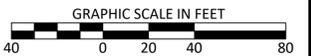
SEE GENERAL NOTES (SHEET 1) FOR DETAILS

MATCH LINE STA 220+00

MATCH LINE STA 231+00

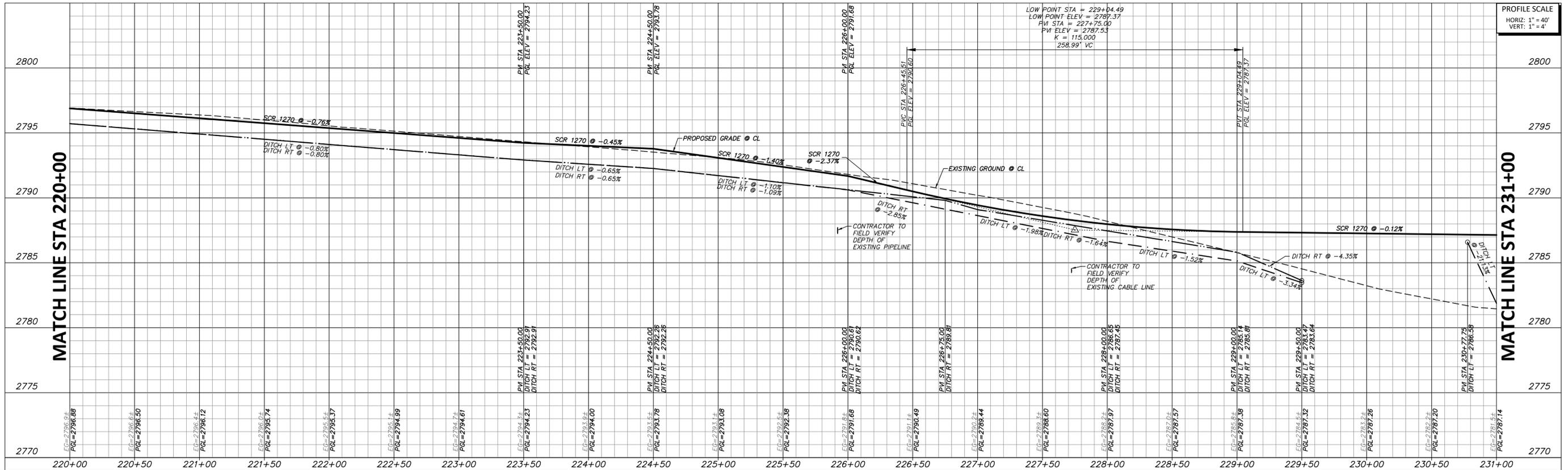


**SOUTH COUNTY ROAD 1270**



MATCH LINE STA 220+00

MATCH LINE STA 231+00



PROFILE SCALE  
HORIZ: 1" = 40'  
VERT: 1" = 4'

FULL PATH: C:\p\m\cadd\2020\05050667\001\CAD\Drawings\Plan sheets\Phase 1\RD010 P&P.dwg  
 FILENAME: RD010 P&P.dwg  
 PLOTTED BY: JESSICA SCHWAB  
 PLOTTED AT: 11:53:43 AM

NO.	REVISION	BY	DATE	CHECKED

JLB	DESIGNED	<b>MIDLAND COUNTY MIDLAND, TEXAS</b>	SCALE
RVG	DRAWN		HORIZ 1" = 40'
JLB	CHECKED		VERT 1" = 4'
			DATE
			AUGUST 2022

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



MIDLAND COUNTY PRECINCT # 1 SOUTH COUNTY ROAD 1270 - PHASE 2 MIDLAND COUNTY, TEXAS		DA PROJECT B005667.001
<b>PLAN AND PROFILE STA 220+00 TO 231+00</b>		SHEET <b>27</b>



**WARNING TO CONTRACTOR:**

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**UTILITY RELOCATION NOTE:**

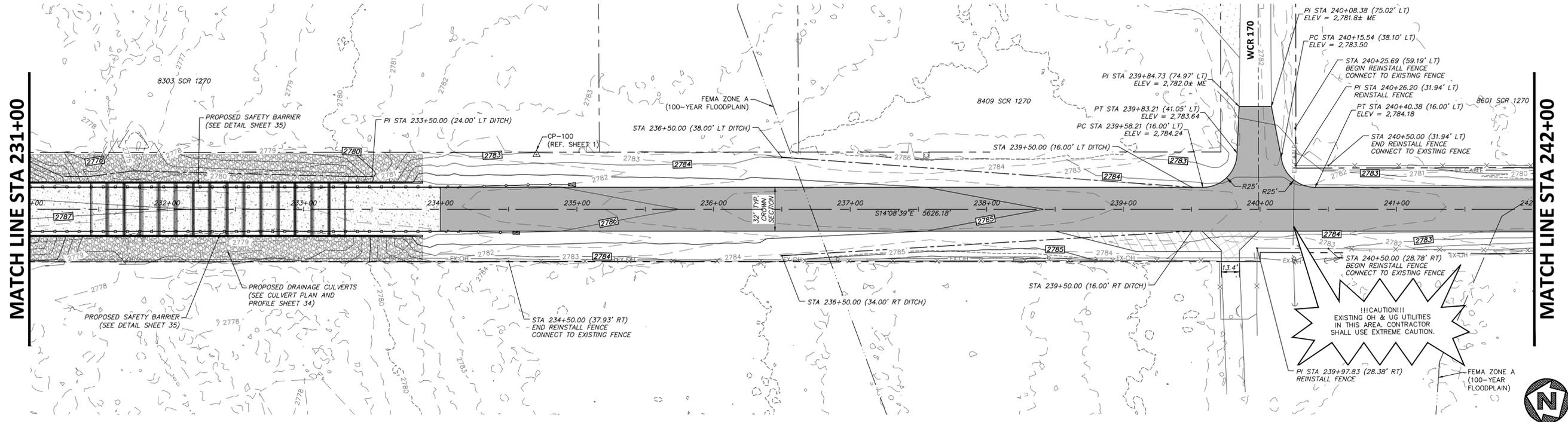
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**BENCHMARK:**

SEE GENERAL NOTES (SHEET 1) FOR DETAILS



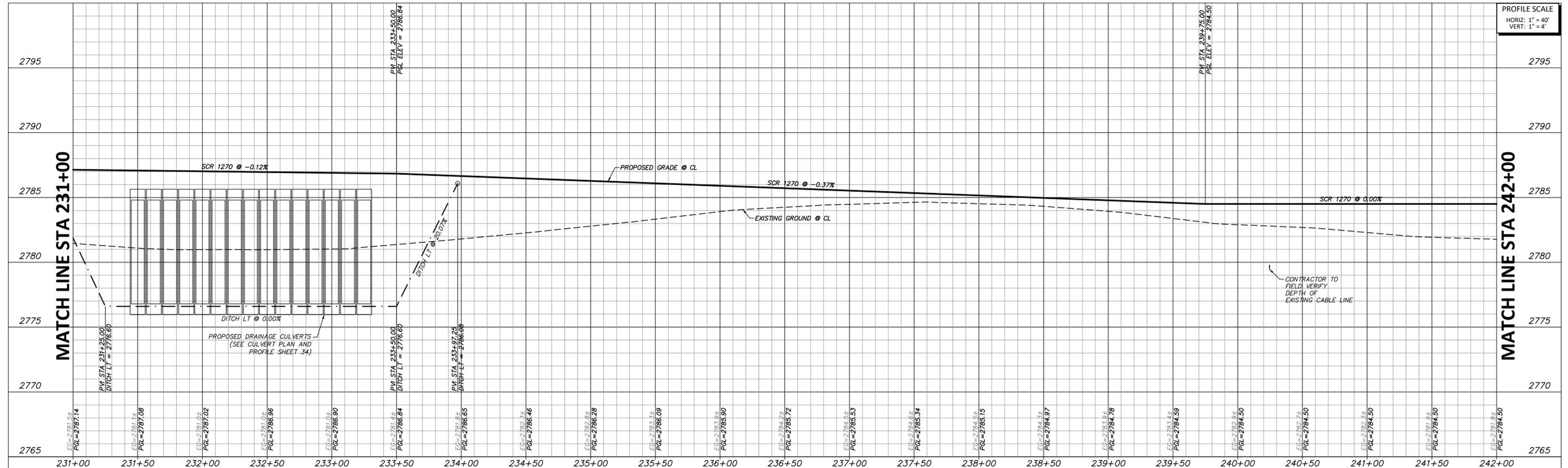
- NOTES:**
- CONTRACTOR TO SLOPE TO EXISTING GROUND WITHIN THE RIGHT-OF-WAY AT 6:1 FROM STATION 240+00 TO 248+00, NO PROPOSED DITCHES ON EITHER SIDE OF THE ROADWAY.

# SOUTH COUNTY ROAD 1270



MATCH LINE STA 231+00

MATCH LINE STA 242+00



**PROFILE SCALE**  
HORIZ: 1" = 40'  
VERT: 1" = 4'

FULL PATH: G:\Production\4000\_050500567\001\Civil\Drawings\Plan\Sheet\Phase 1\RD1270\_Plan.dwg  
 FILENAME: RD1270\_Plan.dwg  
 PLOTTED BY: JESSICA SCHWARTZ  
 PLOTTED AT: 11:53:36 AM

NO.	REVISION	BY	DATE	CHECKED

JLB	DESIGNED	SCALE
RVG	DRAWN	HORIZ 1" = 40'
JLB	CHECKED	VERT 1" = 4'
		DATE
		AUGUST 2022

**MIDLAND COUNTY  
MIDLAND, TEXAS**

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



MIDLAND COUNTY PRECINCT # 1  
SOUTH COUNTY ROAD 1270 - PHASE 2  
MIDLAND COUNTY, TEXAS

**PLAN AND PROFILE  
STA 231+00 TO 242+00**

DA PROJECT  
B005667.001

SHEET  
**28**



**WARNING TO CONTRACTOR:**

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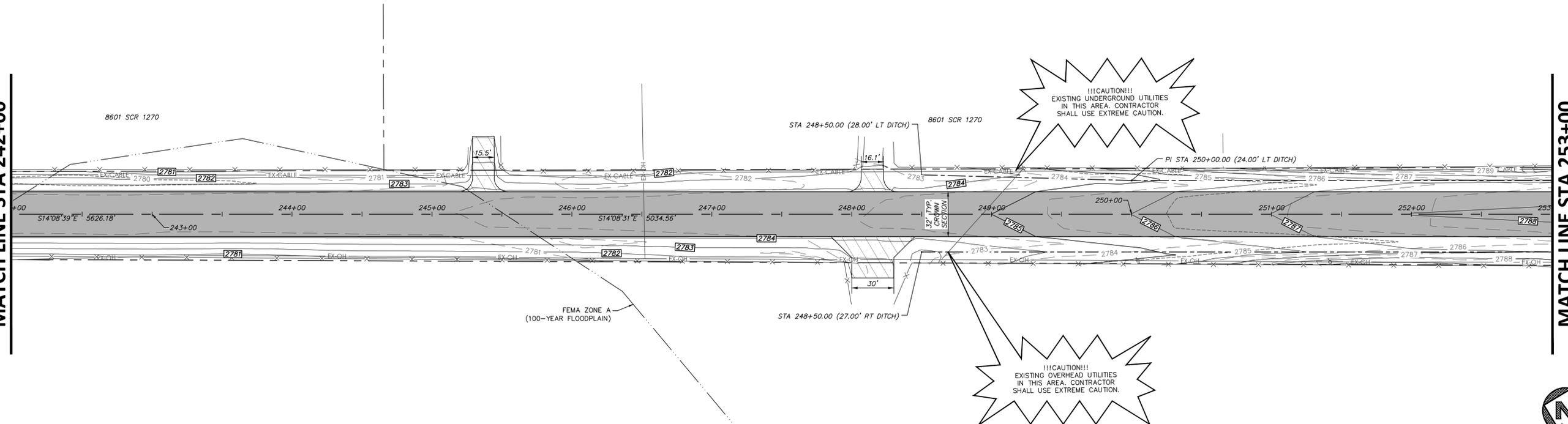
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**BENCHMARK:**

SEE GENERAL NOTES (SHEET 1) FOR DETAILS

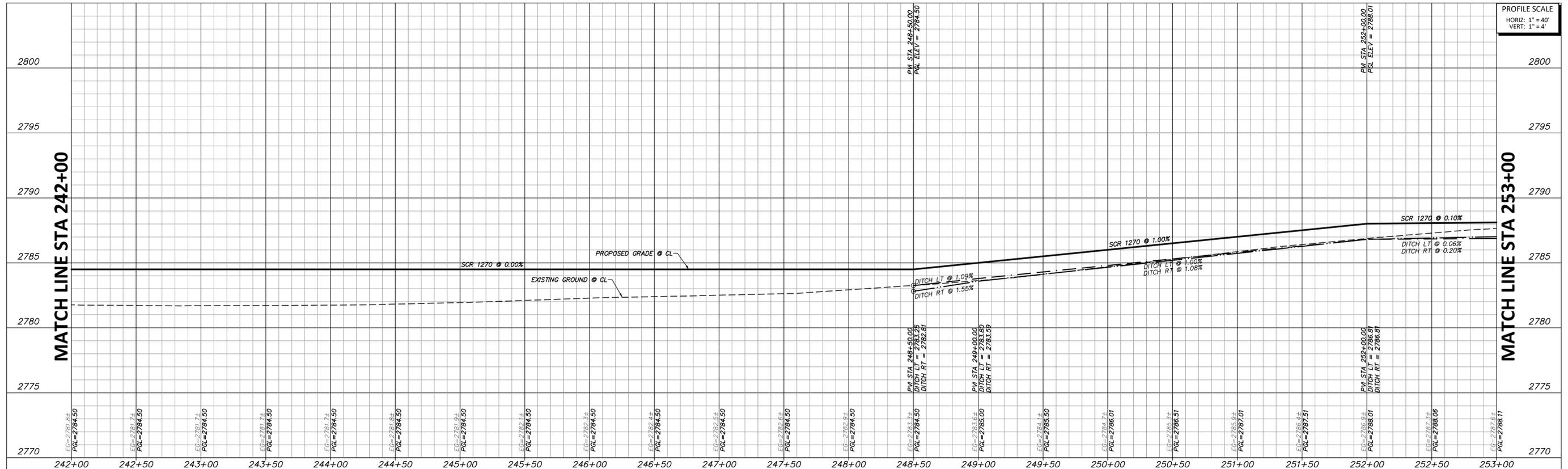
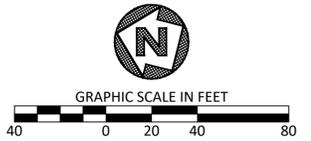
MATCH LINE STA 242+00



MATCH LINE STA 253+00

**SOUTH COUNTY ROAD 1270**

- NOTES:  
 1. CONTRACTOR TO SLOPE TO EXISTING GROUND WITHIN THE RIGHT-OF-WAY AT 6:1 FROM STATION 240+00 TO 248+00, NO PROPOSED DITCHES ON EITHER SIDE OF THE ROADWAY.



FILENAME: ROAD.Plot.dwg  
 PLOTTED BY: JESSICA SCHWAB  
 PLOTTED AT: 11:34:11 AM  
 FULL PATH: C:\ProgramData\Autodesk\LT2011\Drawings\PlotSheetPhase 1\ROAD.Plot.dwg

NO.	REVISION	BY	DATE	CHECKED

JLB  
 DESIGNED  
 RVG  
 DRAWN  
 JLB  
 CHECKED

**MIDLAND COUNTY  
 MIDLAND, TEXAS**

SCALE	HORIZ 1" = 40'
	VERT 1" = 4'
DATE	AUGUST 2022

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

MIDLAND COUNTY PRECINCT # 1  
 SOUTH COUNTY ROAD 1270 - PHASE 2  
 MIDLAND COUNTY, TEXAS

**PLAN AND PROFILE  
 STA 242+00 TO 253+00**

DA PROJECT  
 B005667.001

SHEET  
**29**



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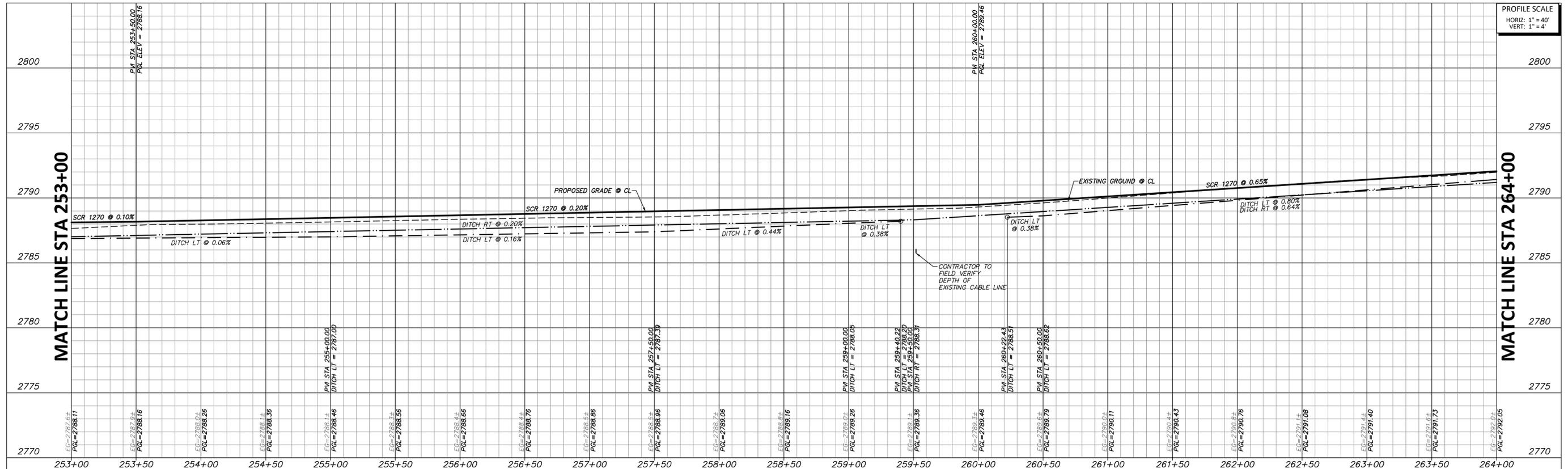
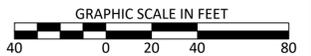
MATCH LINE STA 253+00

MATCH LINE STA 264+00

!!!CAUTION!!!  
EXISTING OVERHEAD UTILITIES  
IN THIS AREA. CONTRACTOR  
SHALL USE EXTREME CAUTION.

!!!CAUTION!!!  
EXISTING UNDERGROUND UTILITIES  
IN THIS AREA. CONTRACTOR  
SHALL USE EXTREME CAUTION.

**SOUTH COUNTY ROAD 1270**



FULL PATH: G:\Production\2022\0505667001\CAD\Drawings\Plan\Sheet\Phase 1\RD1270\_Plan.dwg  
 FILENAME: RD1270\_Plan.dwg  
 PLOTTED BY: JESSICA SCHWAB  
 PLOTTED AT: 11:34:36 AM

NO.	REVISION	BY	DATE	CHECKED

JLB	DESIGNED	<b>MIDLAND COUNTY MIDLAND, TEXAS</b>	SCALE
RVG	DRAWN		HORIZ 1" = 40'
JLB	CHECKED		VERT 1" = 4'
			DATE AUGUST 2022

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



MIDLAND COUNTY PRECINCT # 1 SOUTH COUNTY ROAD 1270 - PHASE 2 MIDLAND COUNTY, TEXAS		DA PROJECT B005667.001
<b>PLAN AND PROFILE STA 253+00 TO 264+00</b>		SHEET <b>30</b>



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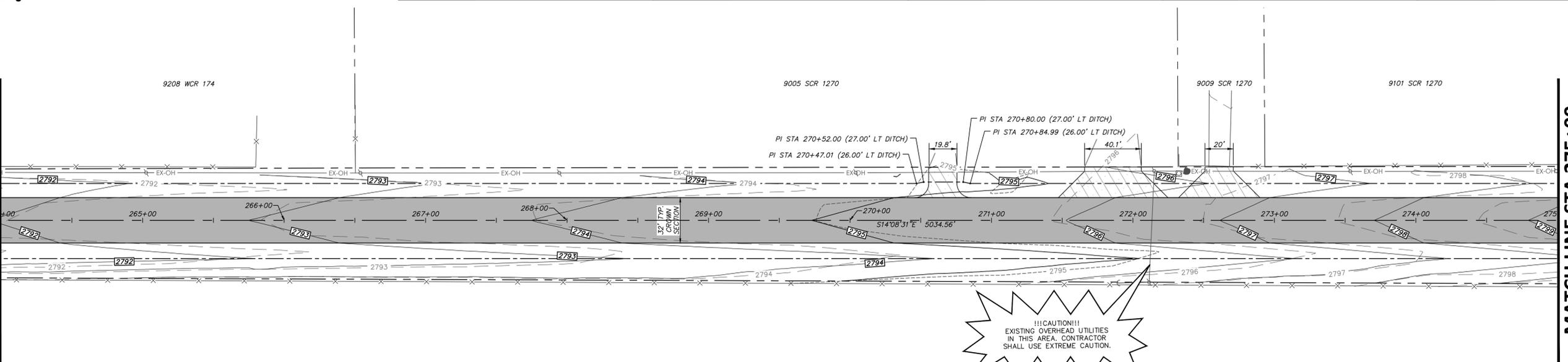
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**BENCHMARK:**

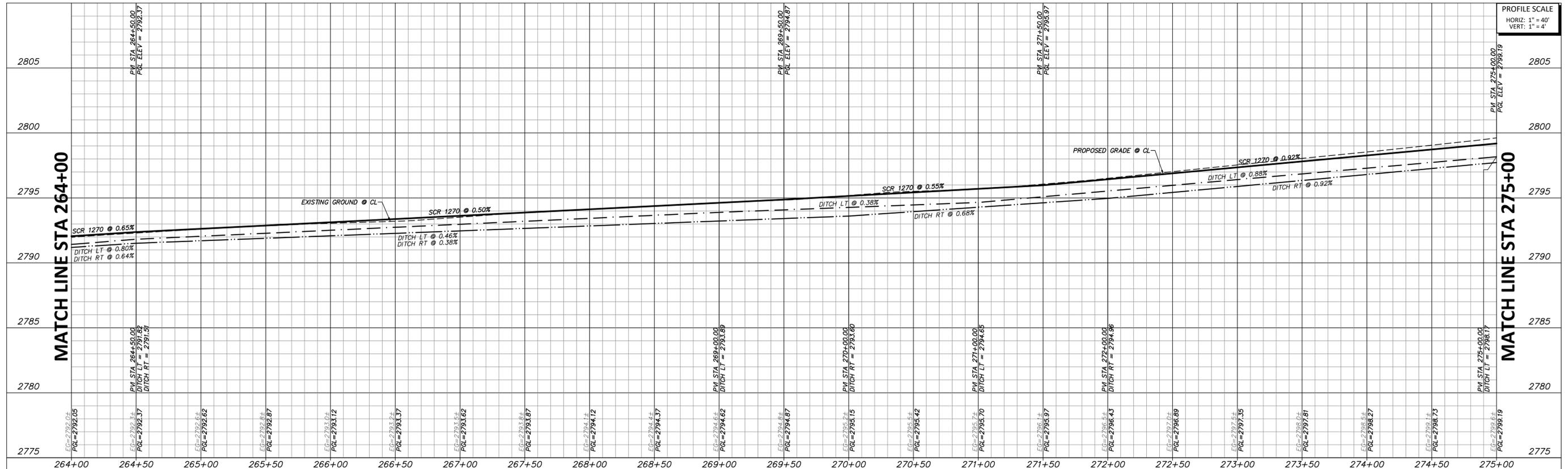
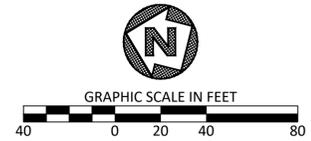
SEE GENERAL NOTES (SHEET 1) FOR DETAILS

MATCH LINE STA 264+00



MATCH LINE STA 275+00

**SOUTH COUNTY ROAD 1270**



FULL PATH: G:\Production\2020\05560567\001\Civil\Drawings\Plan sheets\Phase 1\RD1270\_Plan.dwg  
FILENAME: RD1270\_Plan.dwg  
PLOTTER: HP DesignJet 500  
PLOT DATE: 11/30/2020

NO.	REVISION	BY	DATE	CHECKED

JLB  
DESIGNED  
RVG  
DRAWN  
JLB  
CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE	HORIZ 1" = 40'
	VERT 1" = 4'
DATE	AUGUST 2022

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

MIDLAND COUNTY PRECINCT # 1  
SOUTH COUNTY ROAD 1270 - PHASE 2  
MIDLAND COUNTY, TEXAS

**PLAN AND PROFILE  
STA 264+00 TO 275+00**

DA PROJECT B005667.001
SHEET <b>31</b>



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**STATE PLANE COORDINATE NOTE:**

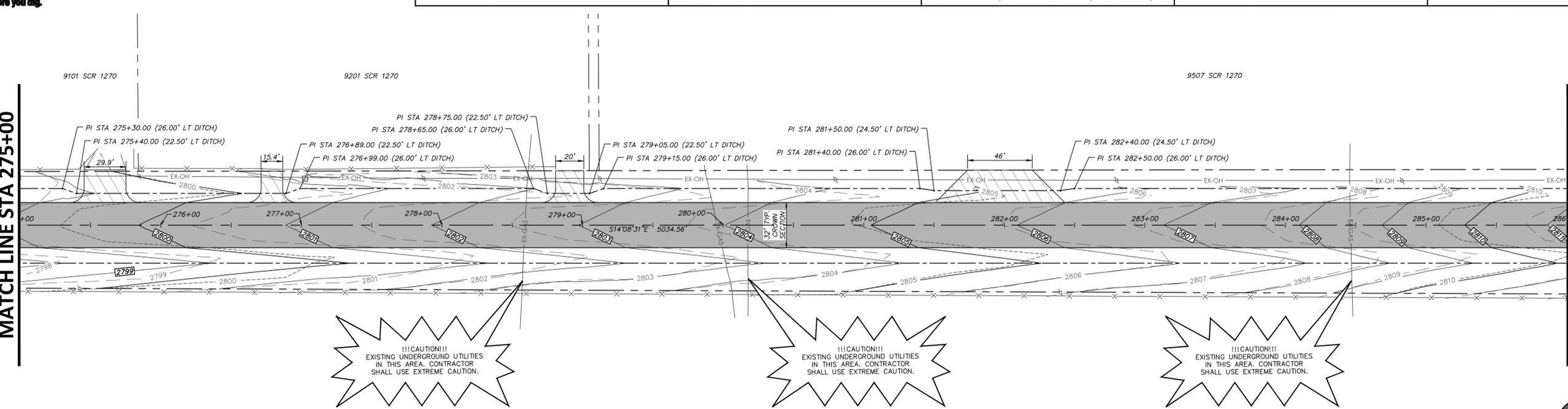
COORDINATES PROVIDED ARE RELATIVE TO THE TEXAS STATE PLANE COORDINATE SYSTEM (NAD83), CENTRAL ZONE 4203; ALL COORDINATES, BEARINGS, AND DISTANCES ARE NAD83 GRID VALUES.

**BENCHMARK:**

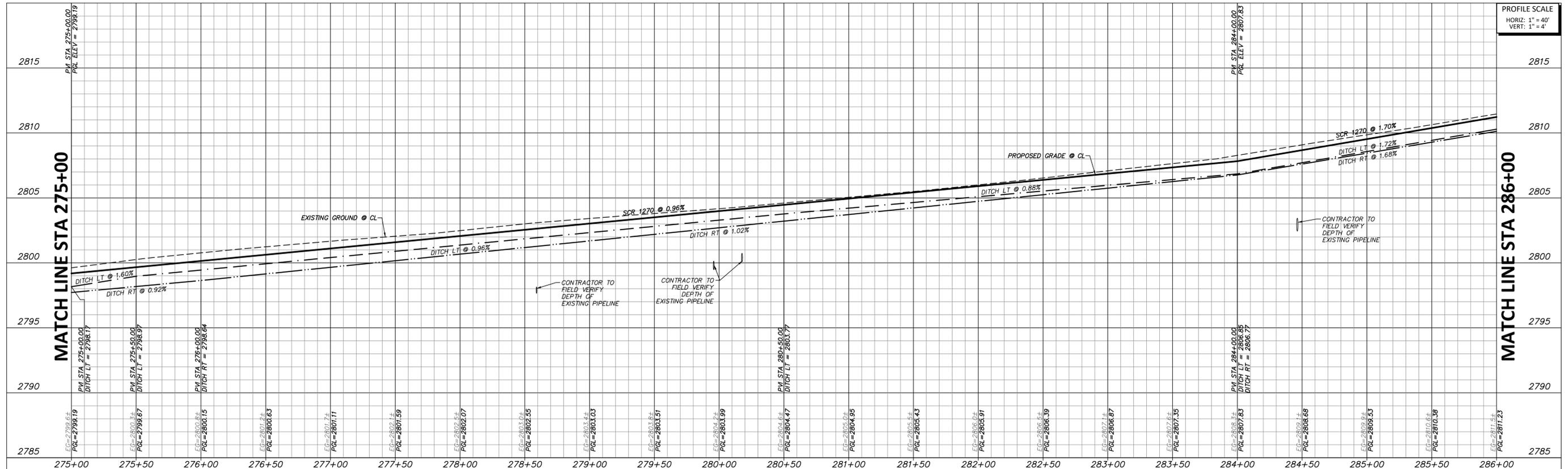
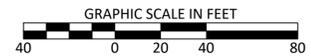
SEE GENERAL NOTES (SHEET 1) FOR DETAILS

MATCH LINE STA 275+00

MATCH LINE STA 286+00



**SOUTH COUNTY ROAD 1270**



FULL PATH: G:\Production\4000\05500\0557\001\Civil\Drawings\Plan sheets\Phase 1\RD000\_P00.dwg  
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 PLOTTED BY: JESSICA SCHWABER  
 PLOTTED AT: 11:34:57 AM

NO.	REVISION	BY	DATE	CHECKED

JLB	DESIGNED	<b>MIDLAND COUNTY MIDLAND, TEXAS</b>	SCALE
RVG	DRAWN		HORIZ 1" = 40'
JLB	CHECKED		VERT 1" = 4'
			DATE AUGUST 2022

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



MIDLAND COUNTY PRECINCT # 1 SOUTH COUNTY ROAD 1270 - PHASE 2 MIDLAND COUNTY, TEXAS		DA PROJECT B005667.001
<b>PLAN AND PROFILE STA 275+00 TO 286+00</b>		SHEET <b>32</b>



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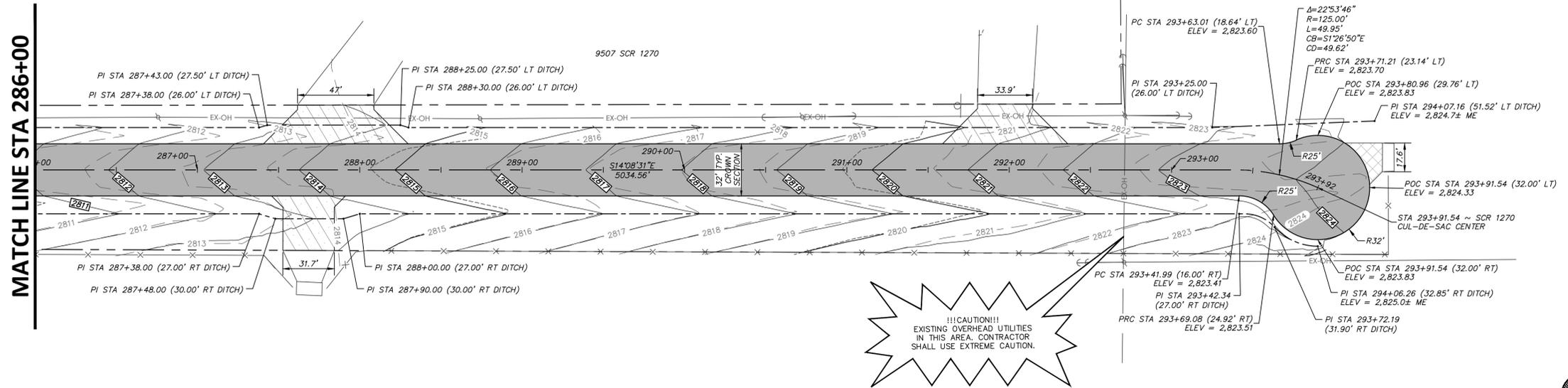
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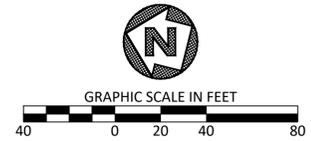
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**BENCHMARK:**

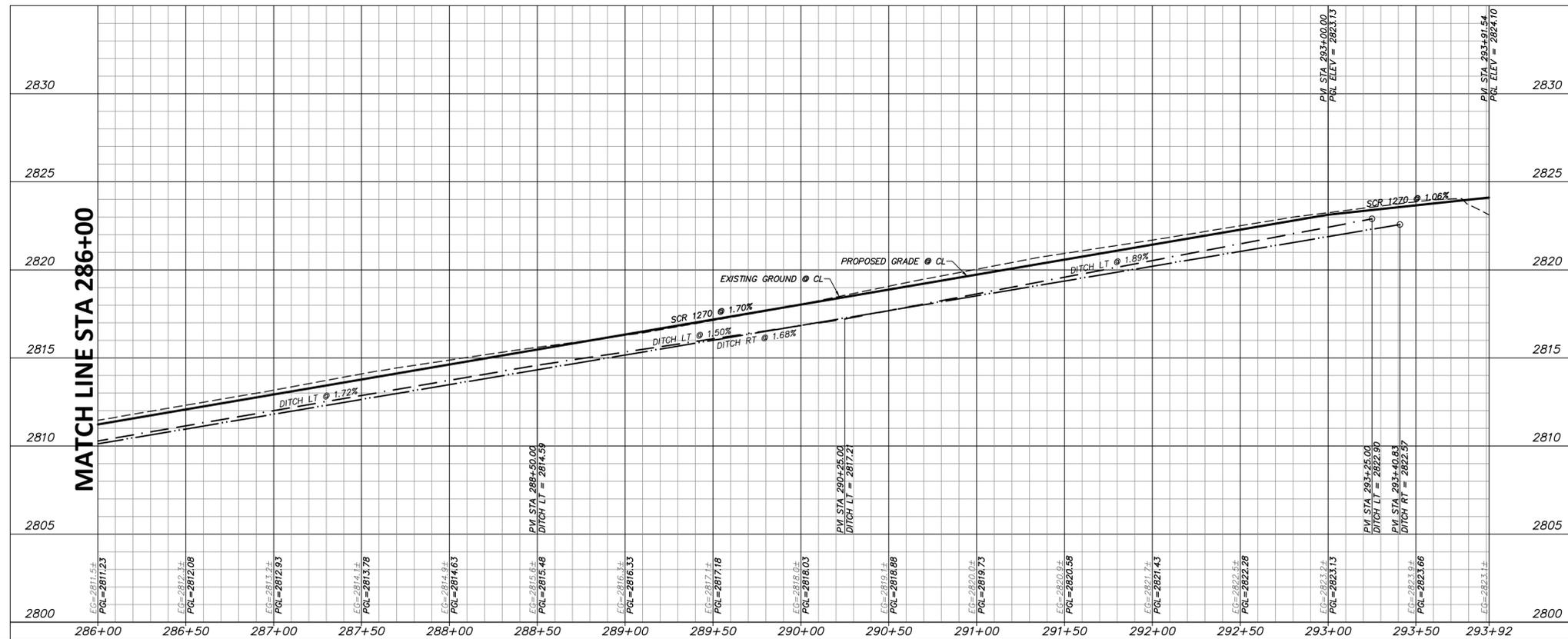
SEE GENERAL NOTES (SHEET 1) FOR DETAILS



# SOUTH COUNTY ROAD 1270



PROFILE SCALE  
HORIZ: 1" = 40'  
VERT: 1" = 4'



FULL PATH: G:\Production\4000\_055600567\001\Civil\Drawings\Plan sheets\Phase 1\RD1270\_Plan.dwg

FILENAME: RD1270\_Plan.dwg  
PLOTTER: HP DesignJet 500  
PLOTTED BY: JLB  
PLOT DATE: 11/30/2022

NO.	REVISION	BY	DATE	CHECKED

JLB	DESIGNED
RVG	DRAWN
JLB	CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE	HORIZ 1" = 40'
	VERT 1" = 4'
DATE	AUGUST 2022

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

MIDLAND COUNTY PRECINCT # 1  
SOUTH COUNTY ROAD 1270 - PHASE 2  
MIDLAND COUNTY, TEXAS

**PLAN AND PROFILE  
STA 286+00 TO END**

DA PROJECT  
B005667.001

SHEET  
**33**



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**UTILITY RELOCATION NOTE:**

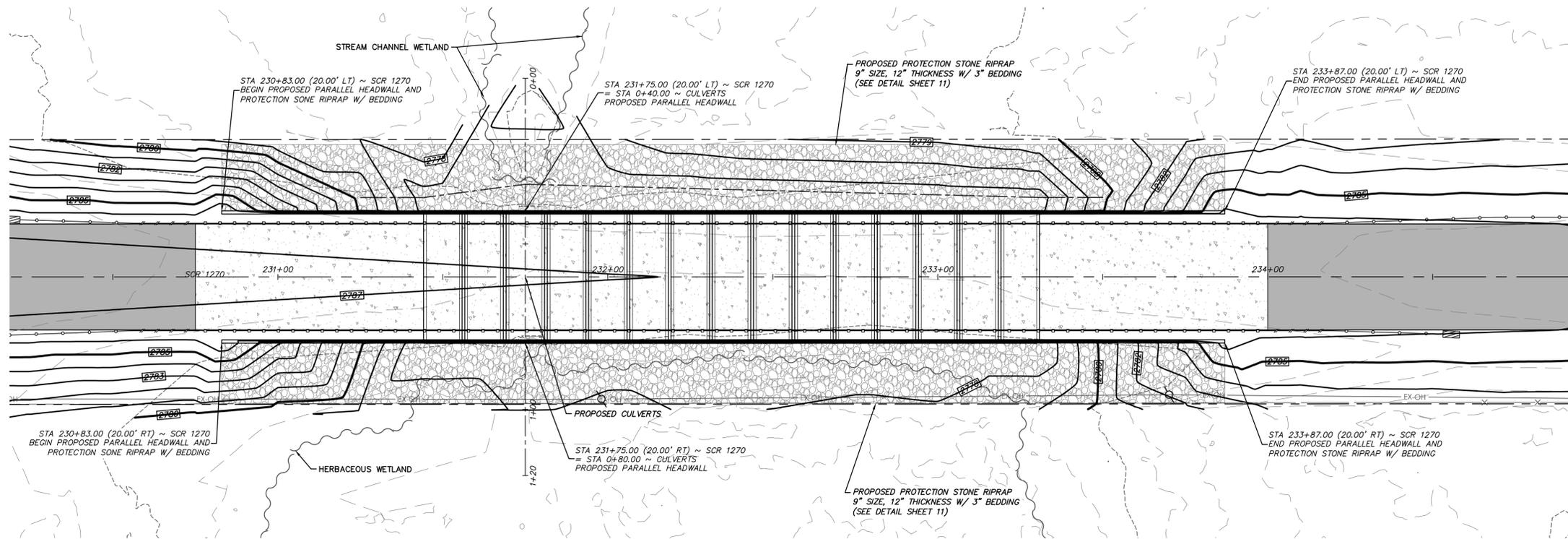
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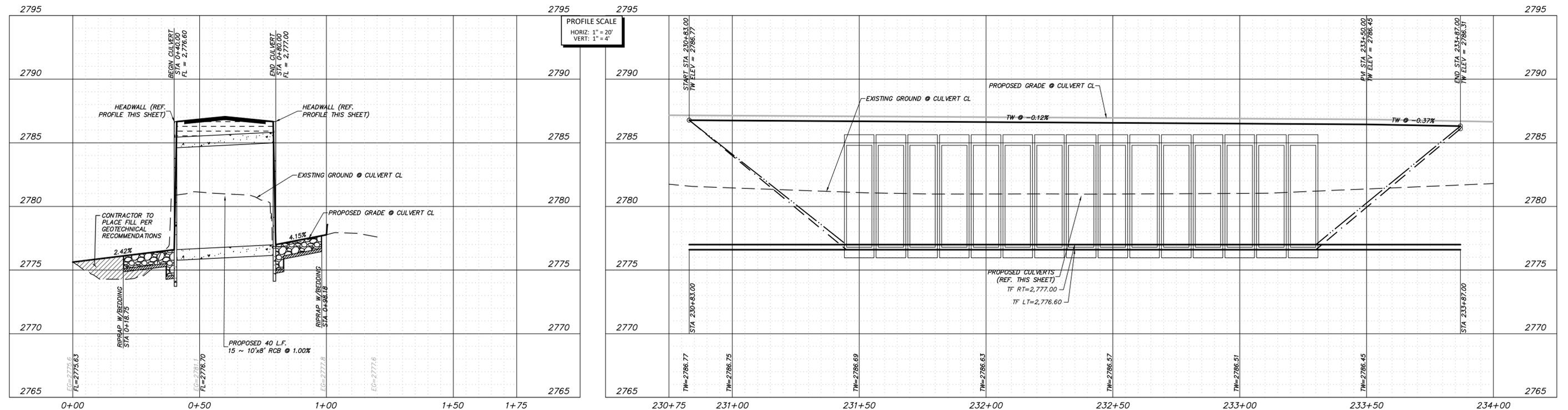
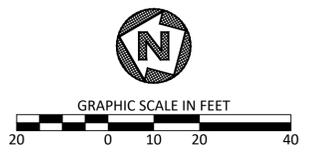
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**BENCHMARK:**

SEE GENERAL NOTES (SHEET 1) FOR DETAILS



# STA 231+75 CULVERTS AND WINGWALLS



FILENAME: CULVERT RFP.dwg  
 PLOTTED BY: JESSICA SCHMIDT  
 PLOTTED AT: 11:57:45 AM  
 FULL PATH: C:\ProgramData\Autodesk\LT2022\Drawings\Plan sheets\Phase 1\CULVERT RFP.dwg

NO.	REVISION	BY	DATE	CHECKED

JLB	DESIGNED
RVG	DRAWN
JLB	CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE	HORIZ 1"=20'	VERT 1"=4'
DATE	AUGUST 2022	

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



MIDLAND COUNTY PRECINCT # 1  
 SOUTH COUNTY ROAD 1270 - PHASE 2  
 MIDLAND COUNTY, TEXAS  
**CULVERT PLAN AND PROFILE  
 STA 231+75**

DA PROJECT  
B005667.001  
 SHEET  
**34**



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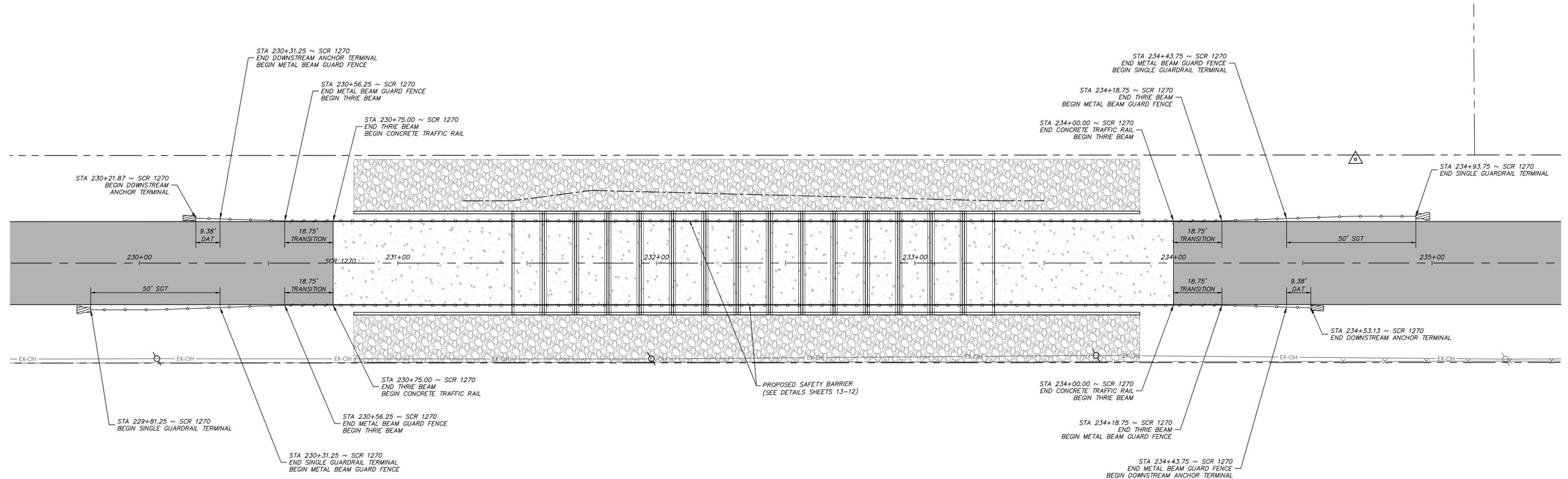
**STATE PLANE COORDINATE NOTE:**

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**BENCHMARK:**

SEE GENERAL NOTES (SHEET 1) FOR DETAILS

# SOUTH COUNTY ROAD 1270



FULL PATH: G:\Production\4000\005667\001\Civil\Drawings\Plan sheets\Phase 1\CULVERT 840.dwg  
 FILENAME: CULVERT 840.dwg  
 PLOTTED BY: jason schilling  
 PLOTTED AT: 11:57:40 AM

NO.	REVISION	BY	DATE

JLB	DESIGNED
RVG	DRAWN
JLB	CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE	HORIZ	1"=20'
SCALE	VERT	N/A
SCALE	DATE	AUGUST 2022

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



MIDLAND COUNTY PRECINCT # 1  
 SOUTH COUNTY ROAD 1270 - PHASE 2  
 MIDLAND COUNTY, TEXAS

**SAFETY BARRIER PLAN**

DA PROJECT	B005667.001
SHEET	35



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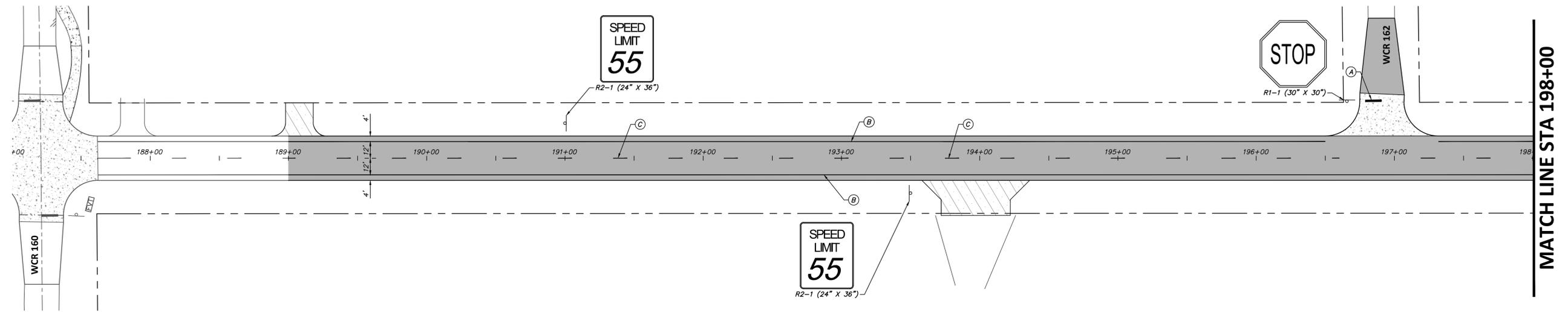
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**BENCHMARK:**

SEE GENERAL NOTES (SHEET 1) FOR DETAILS

# SOUTH COUNTY ROAD 1270



**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.

**PAVEMENT MARKINGS**

- (A) REFL PAV MRK (W) 18" (SOLID)
- (B) REFL PAV MRK (W) 4" (SOLID)
- (C) REFL PAV MRK (Y) 4" (BRK)
- (D) REFL PAV MRK (Y) 4" DOUBLE (SOLID)
- ↔ INSTALL ROADSIDE SIGN



NO.	REVISION	BY	DATE

JLB	DESIGNED
AJA	DRAWN
JLB	CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE
HORIZ 1" = 40'
VERT N/A
DATE AUGUST 2022

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



MIDLAND COUNTY PRECINCT # 1  
SOUTH COUNTY ROAD 1270 - PHASE 2  
MIDLAND COUNTY, TEXAS  
**SIGNAGE AND PAVEMENT MARKINGS PLAN  
STA 189+00 TO 198+00**

DA PROJECT  
B005667.001  
SHEET  
**36**



**WARNING TO CONTRACTOR:**

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**BENCHMARK:**

SEE GENERAL NOTES (SHEET 1) FOR DETAILS

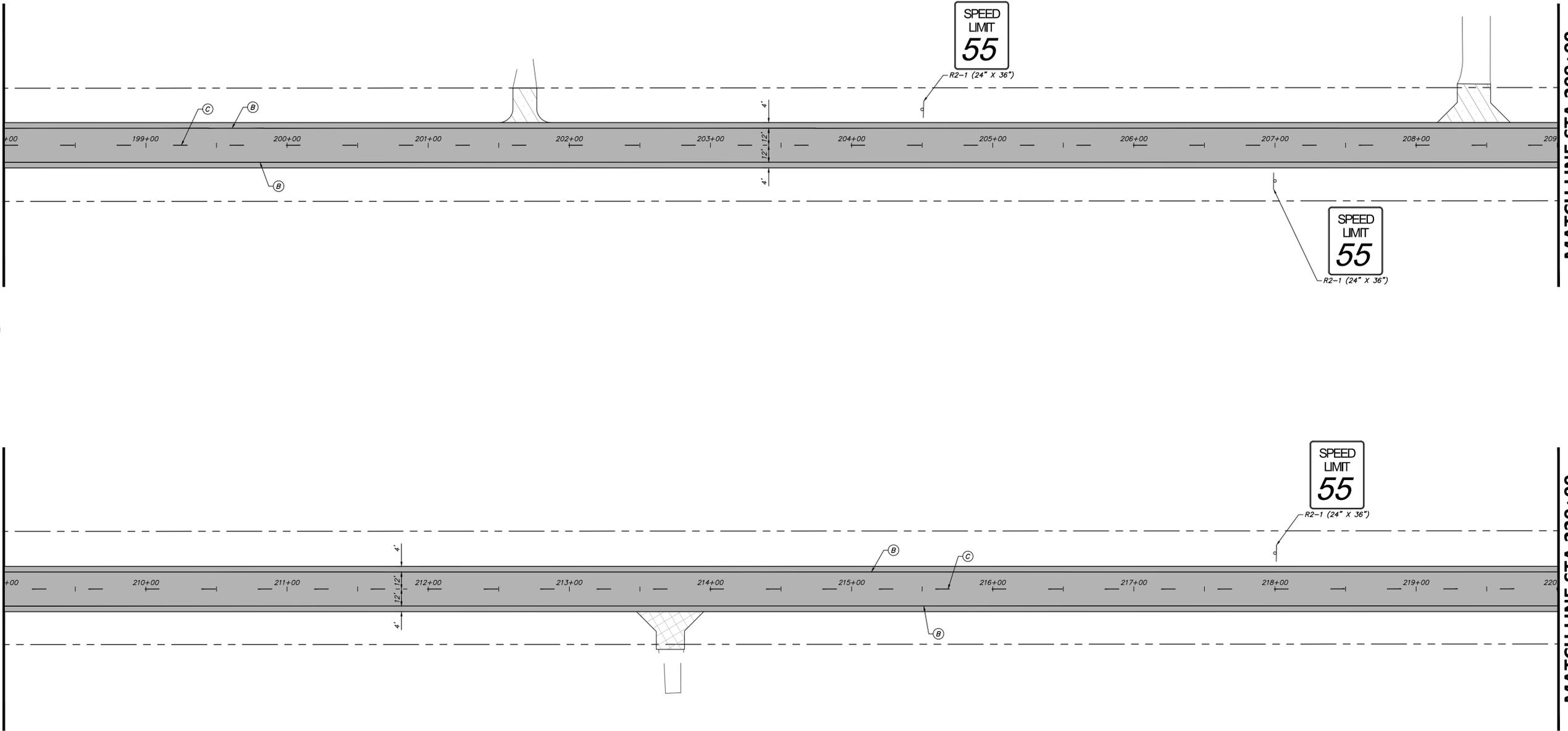
# SOUTH COUNTY ROAD 1270

MATCH LINE STA 198+00

MATCH LINE STA 209+00

MATCH LINE STA 209+00

MATCH LINE STA 220+00



**NOTES:**

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- (D) REFL PAV MRK (Y) 4" DOUBLE (SOLID)
- ↔ INSTALL ROADSIDE SIGN

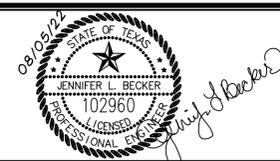


NO.	REVISION	BY	DATE	CHECKED

JLB	DESIGNED
AJA	DRAWN
JLB	CHECKED

SCALE	1" = 40'
HORIZ	N/A
VERT	N/A
DATE	AUGUST 2022

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



MIDLAND COUNTY PRECINCT # 1	DA PROJECT B005667.001
SOUTH COUNTY ROAD 1270 - PHASE 2 MIDLAND COUNTY, TEXAS	SHEET
<b>SIGNAGE AND PAVEMENT MARKINGS PLAN STA 198+00 TO 220+00</b>	<b>37</b>

FILENAME: SIGNAGE & PAVEMENT MARKINGS.dwg  
 PLOTTED BY: JENNIFER L. BECKER  
 PLOTTED AT: 11:56:13 AM  
 FULL PATH: C:\Production\B005667\001\Drawings\Plan sheets\Phase 2\SIGNAGE & PAVEMENT MARKINGS.dwg



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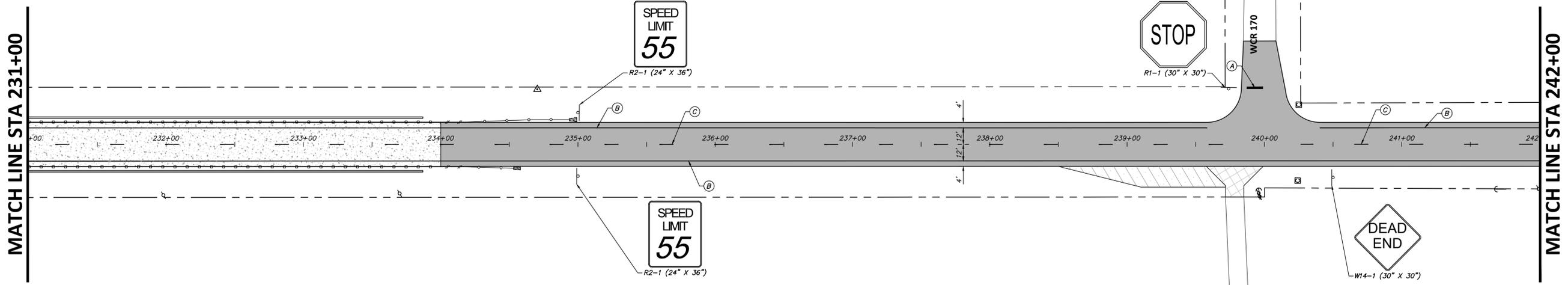
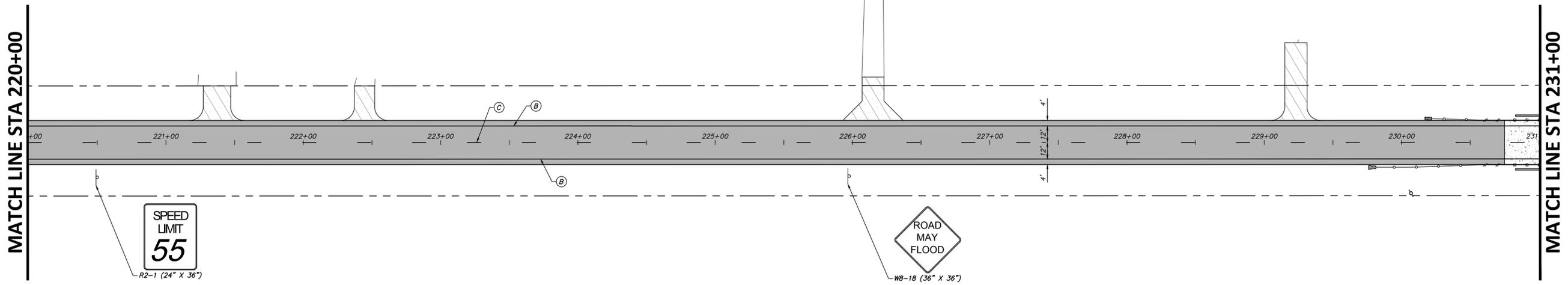
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**BENCHMARK:**

SEE GENERAL NOTES (SHEET 1) FOR DETAILS

# SOUTH COUNTY ROAD 1270



**NOTES:**

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- ↔ INSTALL ROADSIDE SIGN



NO.	REVISION	BY	DATE	CHECKED

JLB	DESIGNED
AJA	DRAWN
JLB	CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE	HORIZ	1" = 40'
	VERT	N/A
	DATE	AUGUST 2022

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



MIDLAND COUNTY PRECINCT # 1  
SOUTH COUNTY ROAD 1270 - PHASE 2  
MIDLAND COUNTY, TEXAS  
**SIGNAGE AND PAVEMENT MARKINGS PLAN  
STA 220+00 TO 242+00**

DA PROJECT  
B005667.001  
SHEET  
**38**

FULL PATH: G:\Production\2022\08052022\08052022\08052022\Drawings\Plan\Sheet\Phase 2\SIGNAGE & PAVEMENT MARKINGS.dwg  
 PLOTTED BY: JENNIFER L. BECKER  
 PLOTTED AT: 11:56:18 AM



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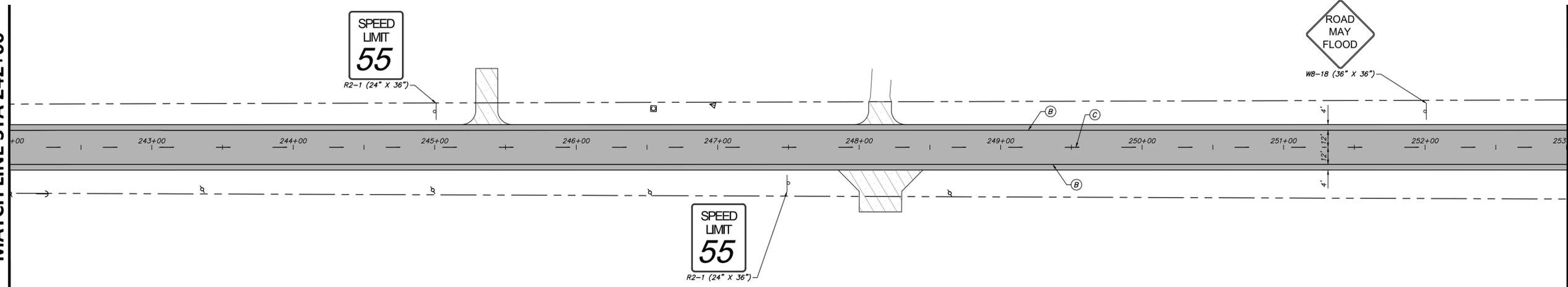
**BENCHMARK:**

SEE GENERAL NOTES (SHEET 1) FOR DETAILS

# SOUTH COUNTY ROAD 1270

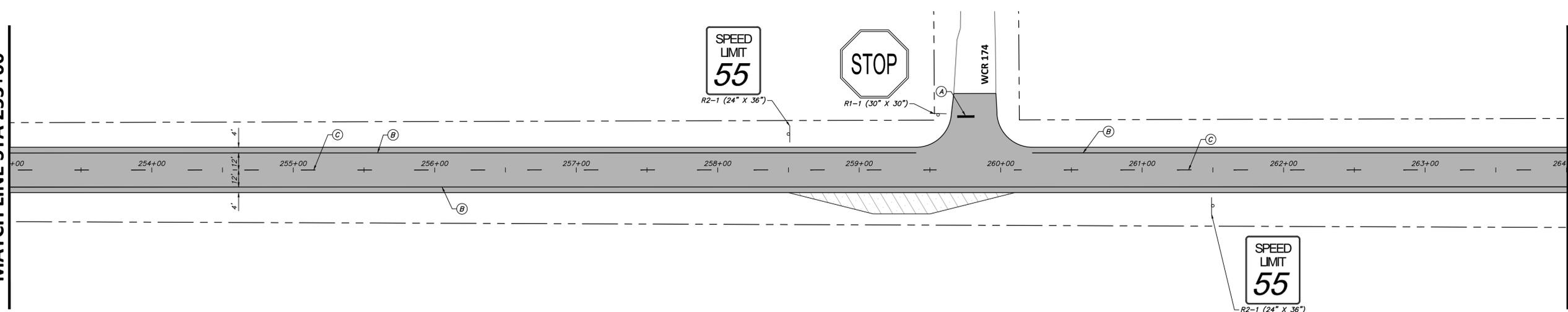
MATCH LINE STA 242+00

MATCH LINE STA 253+00



MATCH LINE STA 253+00

MATCH LINE STA 264+00



**NOTES:**

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NO.	REVISION	BY	DATE	CHECKED

JLB	DESIGNED
AJA	DRAWN
JLB	CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE	1" = 40'
HORIZ	N/A
VERT	N/A
DATE	AUGUST 2022

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



MIDLAND COUNTY PRECINCT # 1  
SOUTH COUNTY ROAD 1270 - PHASE 2  
MIDLAND COUNTY, TEXAS  
**SIGNAGE AND PAVEMENT MARKINGS PLAN  
STA 242+00 TO 264+00**

DA PROJECT  
B005667.001  
SHEET  
**39**

FULL PATH: G:\Production\2022\08052022\001\Drawings\Plan\Sheet\Phase 2\Signage & Pavement Markings.dwg  
FILENAME: SIGNAGE & PAVEMENT MARKINGS.dwg  
PLOTTER: HP DesignJet T1300  
PLOT DATE: 11/16/22 10:51 AM





**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).

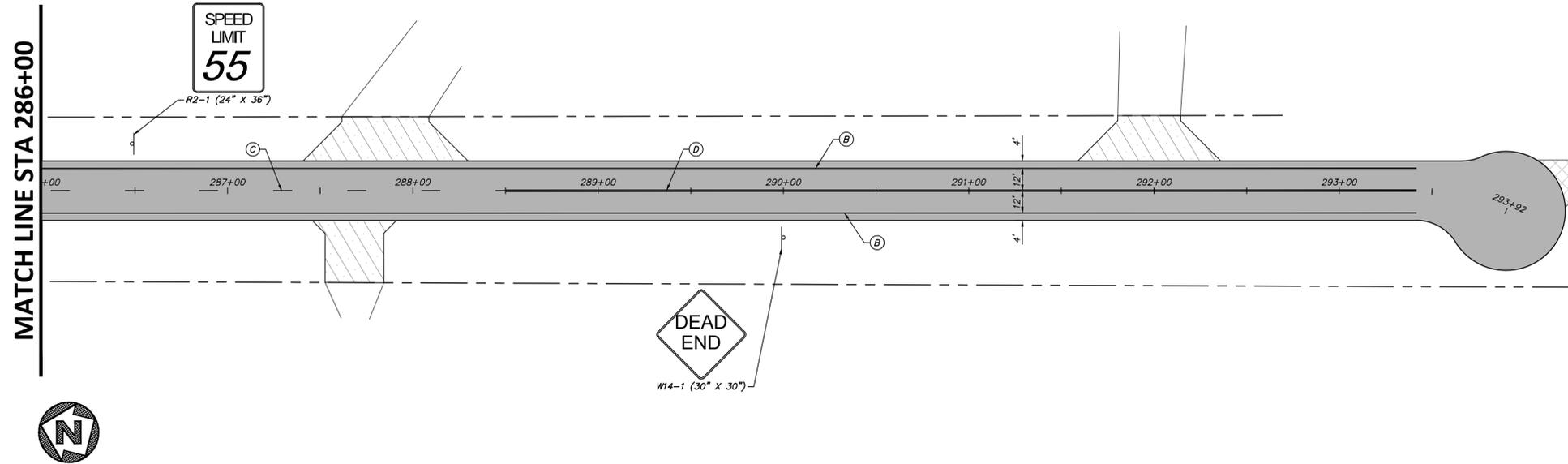
**STATE PLANE COORDINATE NOTE:**

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

**BENCHMARK:**

SEE GENERAL NOTES (SHEET 1) FOR DETAILS

# SOUTH COUNTY ROAD 1270



**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.



**PAVEMENT MARKINGS**

- (A) REFL PAV MRK (W) 18" (SOLID)
- (B) REFL PAV MRK (W) 4" (SOLID)
- (C) REFL PAV MRK (Y) 4" (BRK)
- (D) REFL PAV MRK (Y) 4" DOUBLE (SOLID)
- ↔ INSTALL ROADSIDE SIGN

FULL PATH: C:\Production\2022\0505667\001\Drawings\Plan\Sheet\Phase 2\Signage & Pavement Markings.dwg

FILENAME: SIGNAGE & PAVEMENT MARKINGS.dwg  
 PLOTTED BY: JENNIFER L. BECKER  
 PLOTTED AT: 11:56:33 AM

NO.	REVISION	BY	DATE	CHECKED
		JLB		
		DESIGNED		
		AJA		
		DRAWN		
		JLB		
		CHECKED		

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE
HORIZ
1" = 40'
VERT
N/A
DATE
AUGUST
2022

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



MIDLAND COUNTY PRECINCT # 1  
 SOUTH COUNTY ROAD 1270 - PHASE 2  
 MIDLAND COUNTY, TEXAS  
**SIGNAGE AND PAVEMENT MARKINGS PLAN  
 STA 286+00 TO END**

DA PROJECT  
B005667.001  
 SHEET  
**41**



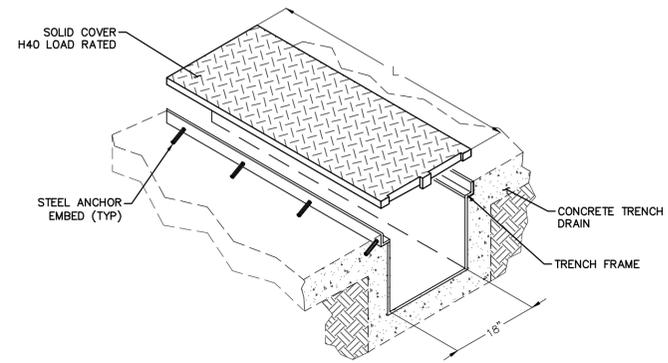
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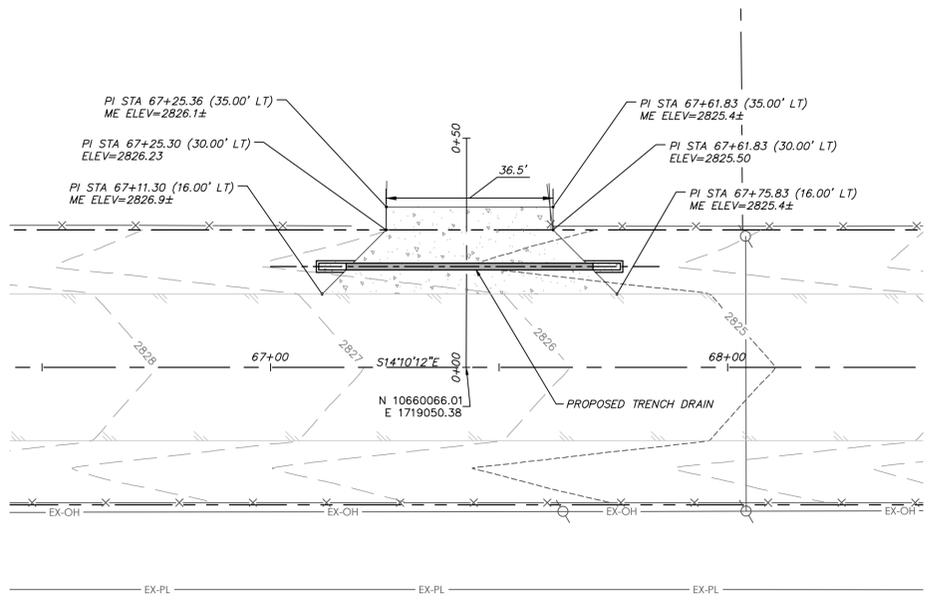
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**BENCHMARK:**  
SEE GENERAL NOTES (SHEET 1) FOR DETAILS

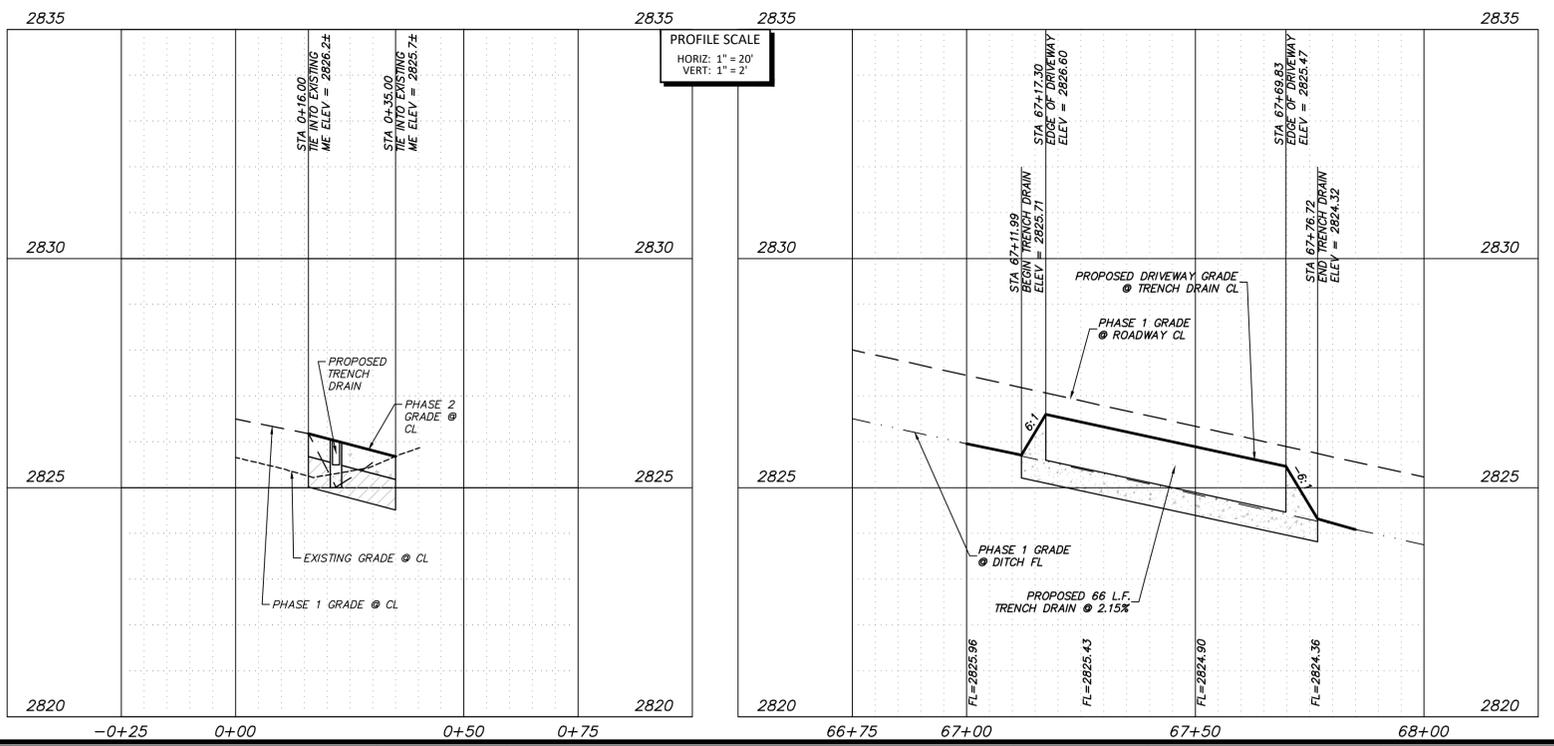
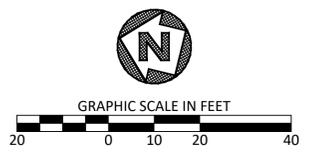


**TYPICAL TRENCH DRAIN**  
NOT TO SCALE



**DRIVEWAY AT STA 67+43**

- NOTE:  
1. CONTRACTOR TO REMOVE EXISTING DRIVEWAY.  
2. SMALL COVER SIZES SHALL BE LOCKED IN-PLACE.



FULL PATH: G:\Production\4000\005667\001\01\Drawings\Plan\Sheet\Phase 1\CU01W017.Plot.dwg  
 FILENAME: CU01W017.Plot.dwg  
 PLOTTED BY: Jennifer Becker  
 PLOTTED AT: 11:38 AM

NO.	REVISION	BY	DATE	CHECKED

JLB  
DESIGNED  
RLB  
DRAWN  
JLB  
CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE  
HORIZ  
1" = 20'  
VERT  
1" = 2'  
DATE  
AUGUST  
2022

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



MIDLAND COUNTY PRECINCT # 1  
SOUTH COUNTY ROAD 1270 - PHASE 2  
MIDLAND COUNTY, TEXAS

**DRIVEWAY STA 67+43  
PLAN & PROFILE**

DA PROJECT  
B005667.001

SHEET  
**42**