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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 BENCHMARKS.

**GENERAL NOTES:**

- DIMENSIONS AND COORDINATES PROVIDED INDICATE THE DESIGN INTENT OF THE ENGINEER. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY INCONSISTENCIES OR DISCREPANCIES FOUND DURING CONSTRUCTION. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND COORDINATES DURING CONSTRUCTION LAYOUT PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO AND THROUGHOUT CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION PHASE SURVEYING INCLUDING LOCATING AND VERIFYING PROJECT BENCHMARKS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN NEAT AND ACCURATE CONSTRUCTION RECORDS. THE CONTRACTOR SHALL PROVIDE CLEAN AND ACCURATE FULL-SIZE RECORD DRAWINGS WHICH CLEARLY DESCRIBE ANY DEVIATIONS FROM THE PLANS.
- ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE FOLLOWING, IN ORDER OF PRECEDENCE, (1) DETAILS SHOWN IN THESE PLANS AND SPECIFICATIONS, (2) TEXAS DEPARTMENT OF TRANSPORTATION - "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAY, STREETS AND BRIDGES."
- IN AREAS WHICH ARE TO REMAIN UNDISTURBED, THE CONTRACTOR SHALL PRESERVE, PROTECT AND/OR RESTORE ALL AREAS DISTURBED BY THE CONSTRUCTION TO ORIGINAL CONDITION OR BETTER AT THE EXPENSE OF THE CONTRACTOR.
- IN THE EVENT THAT EXISTING PRIVATE UTILITY SERVICES SUCH AS WATER, GAS, TELEPHONE, ELECTRIC, ETC. MUST BE TAKEN OUT OF SERVICE TO FACILITATE CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE TEMPORARY UTILITIES TO THE SATISFACTION OF THE OWNER.
- THE ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION SAFETY.
- THE CONTRACTOR SHALL PROTECT ALL PROPERTY CORNER MARKERS, AND IF DISTURBED, THEY SHALL BE RESET AT THE EXPENSE OF THE CONTRACTOR.
- IN THE EVENT THAT OTHER CONTRACTORS ARE DOING WORK IN THE SAME AREA SIMULTANEOUSLY WITH THIS PROJECT, THE CONTRACTOR SHALL COORDINATE HIS PROPOSED CONSTRUCTION WITH THAT OF THE OTHER CONTRACTORS.
- ALL MATERIALS TO BE REMOVED FROM THE SITE INCLUDING UNSUITABLE SPOIL MATERIAL, REFUSE AND OTHER DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LAWFULLY REMOVED & DISPOSED OF OUTSIDE THE LIMITS OF THE PROJECT.
- THE CONTRACTOR SHALL MAKE A FINAL CLEAN-UP OF ALL PARTS OF THE WORK AND PREPARE THE SITE IN AN ORDERLY MANNER OF APPEARANCE BEFORE ACCEPTANCE BY THE COUNTY.
- HAUL ROADS, ACCESS ROUTES AND THE LOCATION OF ALL STAGING AREAS AND STORAGE AREAS SHALL BE SUBJECT TO THE APPROVAL OF THE COUNTY.
- ALPHA TESTING, INC. HAS MADE AN INVESTIGATION OF SUBSURFACE SOIL CONDITIONS OF THE PROJECT SITE IN THEIR REPORT PROJECT NO. G131260, DATED AUGUST 9, 2013, AND IS REFERENCED IN THE CONSTRUCTION DOCUMENTS AS "GEOTECHNICAL REPORT".
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE TRAFFIC CONTROL DURING CONSTRUCTION AS REQUIRED BY THE COUNTY AND STATE IN WHICH THE PROJECT IS LOCATED.
- CONTRACTOR SHALL PREPARE, FURNISH, MAINTAIN, AND REMOVE ALL TRAFFIC CONTROL DEVICES THROUGHOUT CONSTRUCTION. ALL DEVICES SHALL BE IN CONFORMANCE WITH THE TEXAS MUTCD, LATEST EDITION AS CURRENTLY AMENDED BY THE TEXAS DEPARTMENT OF TRANSPORTATION.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING ROAD AND DRIVEWAY CLOSURES WITH THE OWNER AND AUTHORITIES HAVING JURISDICTION.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING A TRAFFIC CONTROL AND SEQUENCING PLAN WITH SUBMISSION OF THE BID PACKET. THIS PLAN WILL BE REVIEWED FOR APPROVAL AND AS PART OF THE ASSESSMENT FOR AWARD OF BID. ROAD CLOSURES WILL NOT BE PERMITTED WITHOUT WRITTEN PERMISSION FROM THE COUNTY UPON APPROVAL OF SUBMITTED TRAFFIC CONTROL AND SEQUENCING PLAN.
- NO SPECIAL PAY FOR TRAFFIC CONTROL ITEMS NOT INCLUDED IN TRAFFIC CONTROL BID. ANY MATERIALS NEEDED FOR TRAFFIC CONTROL SHALL BE INCLUDED IN THE TRAFFIC CONTROL BID ITEM. COUNTY SHALL NOT PROVIDE ANY ASPECTS OF TRAFFIC CONTROL, SEQUENCING, OR ALTERNATIVE ROUTES.
- CONTRACTOR TO REMOVE AND REINSTALL MAILBOXES, AS NEEDED, TO COMPLY WITH THE DETAIL FOR DECORATIVE MAILBOXES, THE CONTRACTOR SHALL NOTIFY THE LANDOWNER THAT THEIR MAILBOX WILL BE RELOCATED AND REINSTALLED ON A STANDARD POST, MEETING THE REQUIREMENTS STATED HEREIN. THE CONTRACTOR WILL COORDINATE WITH THE LANDOWNER FOR REMOVAL OF MATERIALS. ANY WORK THE CONTRACTOR COORDINATES TO REINSTALL A MAILBOX WITH DECORATIVE MATERIALS SHALL BE AT THE EXPENSE OF THE CONTRACTOR OR LANDOWNER.

**EROSION CONTROL NOTES:**

- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A SWPPP, ALL NECESSARY PERMITS AND APPROVALS, AND MAINTAINING COMPLIANCE WITH THE GENERAL PERMIT.
- EROSION CONTROL MEASURES SHALL FOLLOW THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IF APPLICABLE. ANY CHANGES TO THE SWPPP SHALL SUPERSEDE THE EROSION CONTROL PLAN. THE SWPPP IS TO BE KEPT ON-SITE AT ALL TIMES WITH THESE CONSTRUCTION DOCUMENTS AS NECESSARY FOR COMPLIANCE WITH THE TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM (TPDES) GENERAL PERMIT.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION, ROUTINE INSPECTION AND/OR MAINTENANCE OF EROSION CONTROL DEVICES.
- THE EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL ACCEPTABLE VEGETATION COVERAGE HAS BEEN ACHIEVED IN ACCORDANCE WITH THE GENERAL PERMIT.
- ANY ADDITIONAL EROSION CONTROL MEASURES REQUIRED TO COMPLY WITH THE SWPPP OR TCEQ STORMWATER POLLUTION REGULATIONS SHALL BE IMPLEMENTED BY THE CONTRACTOR, AT HIS EXPENSE.
- DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE CEASED FOR AT LEAST FOURTEEN DAYS SHALL BE TEMPORARILY SEEDED AND WATERED. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED SHALL BE PERMANENTLY SEEDED/SODDED WITHIN SEVEN DAYS IN ACCORDANCE WITH THE PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING SEEDED/SODDED AREAS AS NECESSARY UNTIL 70% VEGETATION IS ESTABLISHED IN ACCORDANCE WITH THE PLANS.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EROSION CONTROL MEASURES ONCE FINAL GROUND STABILIZATION IS ACHIEVED AND THE PROJECT IS COMPLETED.

**DEMOLITION NOTES:**

- THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSING OF EXISTING STRUCTURES, UTILITIES, PAVEMENT, TREES, ETC., WITHIN CONSTRUCTION LIMITS AS SHOWN ON PLANS, IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES AT CONTRACTOR'S EXPENSE. AREAS WHERE MATERIAL HAS BEEN REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT BACK UP TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL IN ACCORDANCE WITH GEOTECHNICAL REPORT.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL.
- PRIOR TO DEMOLITION OCCURRING, ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED.
- THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES/FLOWLINES.
- CONTINUOUS ACCESS SHALL BE MAINTAINED FOR THE SURROUNDING PROPERTIES AT ALL TIMES DURING DEMOLITION OF THE EXISTING FACILITIES.
- CONTRACTOR MAY LIMIT SAWCUT AND PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THESE CONSTRUCTION PLANS, BUT IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND REPAIR.
- ALL FENCES REMOVED TO FACILITATE CONSTRUCTION SHALL BE REPLACED AT THE EXISTING OR PROPOSED LOCATION AS DIRECTED BY THE COUNTY.

**GRADING NOTES:**

- THE AREA TO BE GRADED SHOULD BE STRIPPED OF VEGETATION, ROOTS, STUMPS, DEBRIS, AND OTHER ORGANIC MATERIALS.
- CONSTRUCTION SHALL BE BASED ON ELEVATIONS SHOWN ON THE ROADWAY PLAN & PROFILE SHEETS PLAN. CONTOURS ARE A VISUAL REPRESENTATION OF FINISHED GRADE ONLY AND ARE NOT INTENDED TO BE USED TO SET GRADE.
- SLOPES ON SITE SHALL NOT EXCEED A 3:1 SLOPE, UNLESS NOTED OTHERWISE.
- ANY COSTS ASSOCIATED WITH DEWATERING THE SITE SHALL BE DONE AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL MATCH EXISTING ELEVATIONS AND CONSTRUCT SMOOTH TRANSITIONS AT CONNECTIONS TO EXISTING PAVEMENT.

**UTILITY NOTES:**

- THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES UNLESS NOTED OTHERWISE.
- CONTRACTOR TO COORDINATE WITH UTILITY OWNERS FOR VERTICAL ADJUSTMENTS TO, AND NEAR, THEIR FACILITIES PRIOR TO CONSTRUCTION.
- CONTRACTOR TO FIELD VERIFY DEPTH OF ALL EXISTING PIPELINES PRIOR TO CONSTRUCTION.
- CONTRACTOR TO FIELD VERIFY HEIGHT CLEARANCE ON ALL OVERHEAD UTILITIES PRIOR TO CONSTRUCTION.

**ON-SITE BENCHMARKS**

- CP-101:** A 5/8 INCH IRON ROD WITH RED CAP LOCATED APPROXIMATELY 25 FEET WEST OF THE CENTERLINE OF COUNTY ROAD 1040 AT ITS INTERSECTION WITH COUNTY ROAD C1900.  
NAD83 GRID COORDINATES: N: 10,725,683.24 E: 1,829,055.30  
PUBLISHED ELEVATION: 2668.42' NAVD88 DATUM
- CP-102:** A 5/8 INCH IRON ROD WITH RED CAP LOCATED APPROXIMATELY 40 FEET WEST OF THE CENTERLINE OF COUNTY ROAD 1040, APPROXIMATELY 1.25 MILES NORTH OF ITS INTERSECTION WITH FM 307.  
NAD83 GRID COORDINATES: N: 10,716,173.12 E: 1,831,421.91  
PUBLISHED ELEVATION: 2659.27' NAVD88 DATUM
- CP-103:** A 5/8 INCH IRON ROD WITH RED CAP LOCATED AT THE SOUTHEAST CORNER OF THE INTERSECTION OF FM 307 AND COUNTY ROAD 1040, APPROXIMATELY 35 FEET SOUTH OF THE CENTERLINE OF FM 307 AND 67 FEET EAST OF THE CENTERLINE OF COUNTY ROAD 1040.  
NAD83 GRID COORDINATES: N: 10,710,013.92 E: 1,833,116.26  
PUBLISHED ELEVATION: 2658.30' NAVD88 DATUM

PROPOSED PLAN LEGEND		EXISTING CONDITIONS LEGEND	
	PROPOSED ROAD CENTERLINE		RIGHT-OF-WAY
	PROPOSED MAJOR CONTOUR		PROPERTY BOUNDARY
	PROPOSED MINOR CONTOUR		ADJOINER
	FULL-DEPTH ROADWAY SAWCUT		ABSTRACT
	FULL-DEPTH DRIVEWAY SAWCUT		EXISTING MAJOR CONTOUR
	PROPOSED EDGE OF ASPHALT		EXISTING MINOR CONTOUR
	PROPOSED DITCH CENTERLINE		EXISTING EDGE OF ASPHALT
	PROPOSED PROFILE LEFT DITCH FLOW LINE		EXISTING CURB
	PROPOSED PROFILE RIGHT DITCH FLOW LINE		EXISTING FENCE
	PROPOSED CULVERT		EXISTING FLOODPLAIN BOUNDARY
	PROPOSED ASPHALT		EXISTING AT&T
	PROPOSED CONCRETE		EXISTING CABLE
	PROPOSED DRIVEWAY BASE		EXISTING COMMUNICATION
	CONTROL POINT		EXISTING DRAINAGE PIPE
	EASTING		EXISTING OVERHEAD ELECTRIC
	NORTHING		EXISTING UNDERGROUND ELECTRIC
	ELEVATION		EXISTING FIBER-OPTIC CABLE
	CENTERLINE		EXISTING FORCE MAIN
	LEFT		EXISTING GAS LINE
	RIGHT		EXISTING IRRIGATION
	POINT OF CURVATURE		EXISTING OVERHEAD LINES
	POINT OF CONTINUOUS CURVATURE		EXISTING UNDERGROUND PIPELINE
	POINT OF INTERSECTION		EXISTING SANITARY SEWER
	POINT OF REVERSE CURVATURE		EXISTING STORM DRAIN
	POINT OF TANGENCY		EXISTING TELEPHONE LINE
	RADIUS		EXISTING WATER LINE
	EXISTING GRADE		EXISTING SIGN
	FLOWLINE		EXISTING UTILITY SIGN
	MATCH EXISTING		EXISTING BOLLARD/FENCE POST
	PROPOSED GRADE LINE		EXISTING MAILBOX
	POINT OF VERTICAL INTERSECTION		EXISTING TREE
			EXISTING CABLE BOX
			EXISTING PEDESTAL CABLE
			EXISTING ELECTRICAL BOX
			EXISTING PEDESTAL ELECTRIC
			EXISTING ELECTRIC VAULT
			EXISTING LIGHT POLE
			EXISTING GAS MANHOLE
			EXISTING GAS VALVE
			EXISTING GAS METER
			EXISTING PEDESTAL GAS
			EXISTING GUY WIRE
			EXISTING UTILITY POLE
			EXISTING SANITARY SEWER MANHOLE
			EXISTING CLEANOUT
			EXISTING STORM DRAIN MANHOLE
			EXISTING PEDESTAL TELEPHONE
			EXISTING PEDESTAL UNKNOWN
			EXISTING FIRE HYDRANT
			EXISTING WATER METER
			EXISTING WATER MANHOLE
			EXISTING WATER VALVE
			EXISTING ASPHALT TO BE DEMOLISHED
			EXISTING CONCRETE TO BE DEMOLISHED
			EXISTING GRAVEL TO BE DEMOLISHED

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FILENAME: GENERAL NOTES.dwg  
PLOTTER: Raptor Alpha  
PLOT DATE: 11/07/2023

NO.	REVISION	BY	DATE	CHECKED

AJA	DESIGNED
AJA	DRAWN
BWA	CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE
HORIZ
N/A
VERT
N/A
DATE
FEBRUARY
2023

**DUNAWAY**

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

STATE OF TEXAS  
BRIAN W. ADKINS  
100284  
PROFESSIONAL ENGINEER

*Brian W. Adkins*  
PROJECT ENGINEER  
2-22-2023  
DATE

MIDLAND COUNTY PRECINCT 2	DA PROJECT
SOUTH COUNTY ROAD 1040 MIDLAND COUNTY, TEXAS	B006795.002
<b>GENERAL NOTES</b>	SHEET
	<b>1</b>







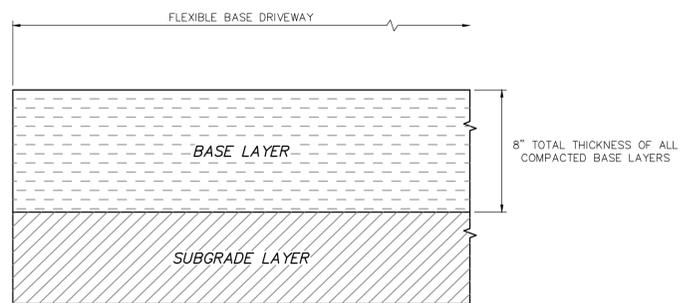
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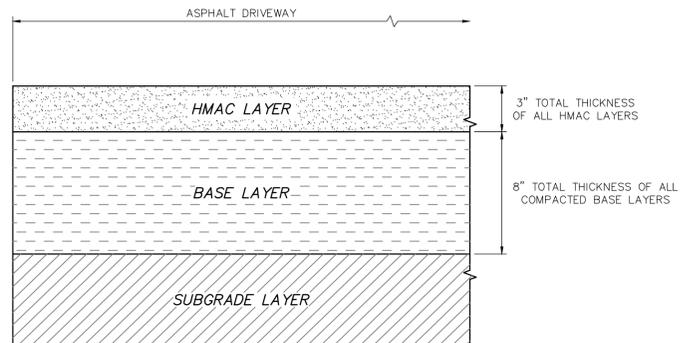
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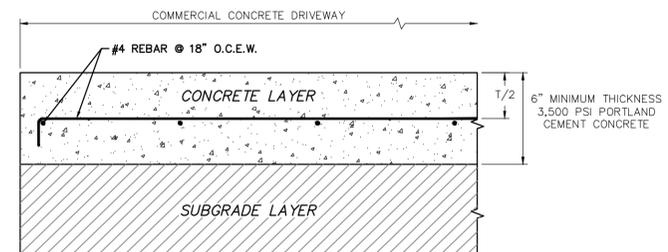
**BENCHMARK:**  
SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.



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



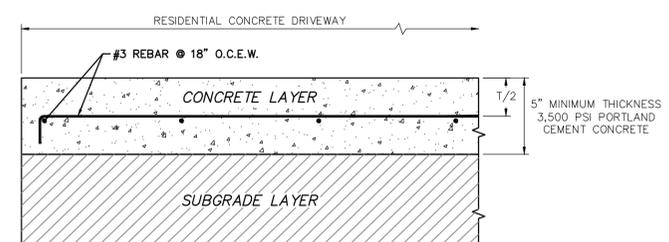
**TYPICAL ASPHALT DRIVEWAY SECTION**  
NOT TO SCALE



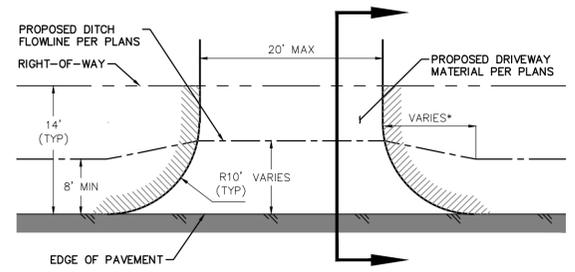
COMMERCIAL

**TYPICAL CONCRETE DRIVEWAY SECTIONS**  
NOT TO SCALE

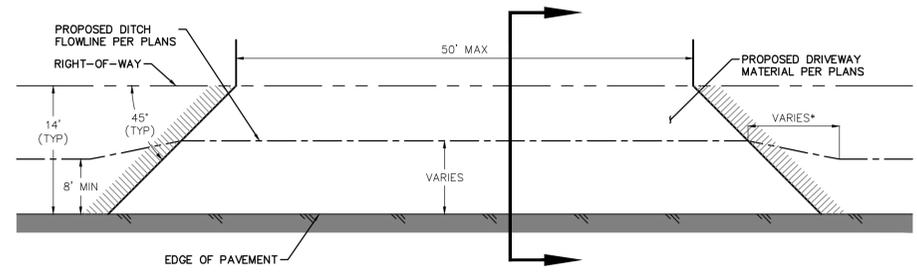
NOTE:  
CONTRACTOR TO FOLLOW TYPICAL CONCRETE SECTIONS SHEET FOR JOINTING DETAILS AND NOTES.



RESIDENTIAL



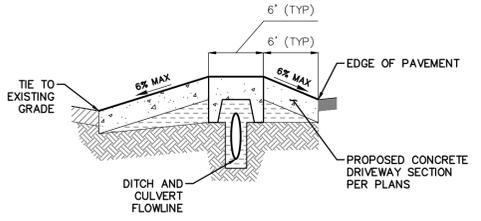
RESIDENTIAL PLAN VIEW



COMMERCIAL PLAN VIEW

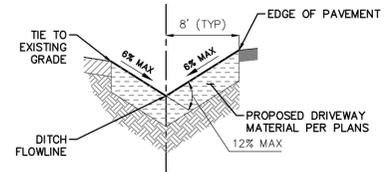
VARIES\* - LENGTH TO PROVIDE A SMOOTH TRANSITION IN DITCH CENTERLINE. TYPICAL LENGTH OF 5' FOR EVERY 1' OF HORIZONTAL ADJUSTMENT (5:1).

**TYPICAL DRIVEWAYS**  
NOT TO SCALE



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.



INVERTED FLOWLINE DRIVEWAY SECTION

- NOTES:
1. FLOW LINE FOR ROAD DITCH SHALL REMAIN WITHIN THE R.O.W.
  2. CONTRACTOR TO FIELD FIT DRIVEWAY FROM FLOW LINE TO CURRENT CONDITIONS ALONG THE R.O.W.
  3. 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.

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

NO.	REVISION	BY	DATE

DESIGNED	AJA
DRAWN	AJA
CHECKED	BWA

SCALE	HORIZ	N/A
	VERT	N/A
	DATE	FEBRUARY 2023

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

STATE OF TEXAS  
BRIAN W. ADKINS  
100284  
PROFESSIONAL ENGINEER  
PROJECT ENGINEER  
2-22-2023  
DATE

MIDLAND COUNTY PRECINCT 2	DA PROJECT	B006795.002
SOUTH COUNTY ROAD 1040 MIDLAND COUNTY, TEXAS	SHEET	4
<b>TYPICAL DRIVEWAY SECTIONS</b>		

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 PLOTTED BY: Allison Adams  
 PLOTTED AT: 10:07:47 AM  
 PLOTTED DATE: February 22, 2023



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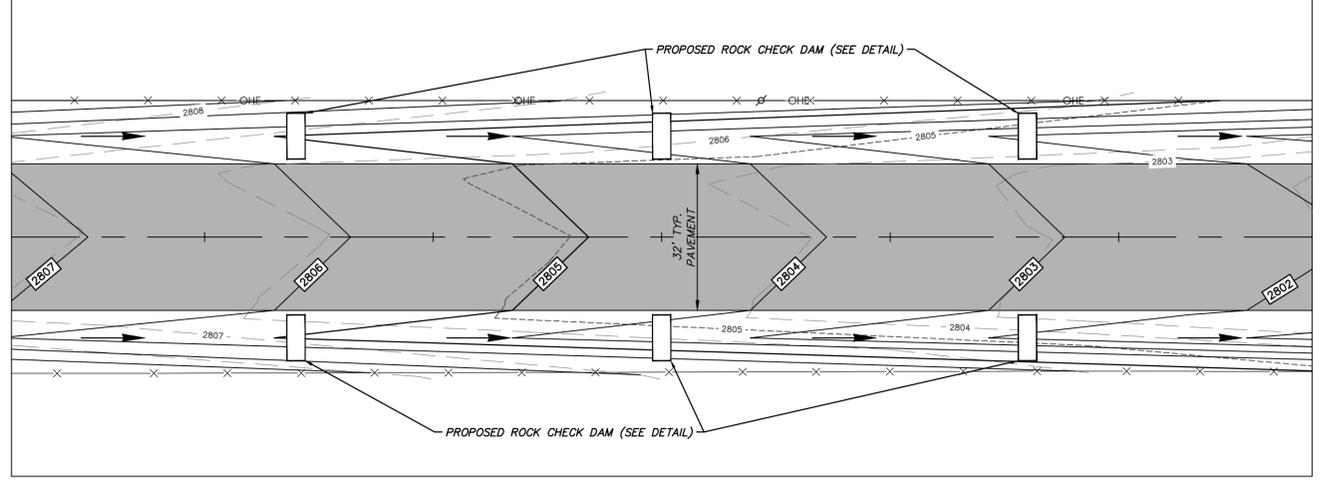
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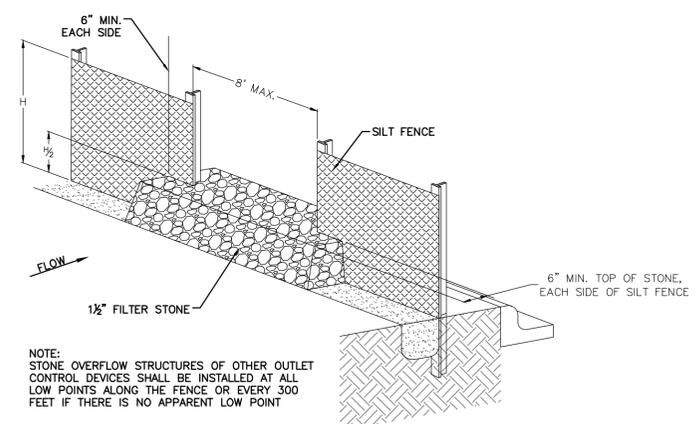
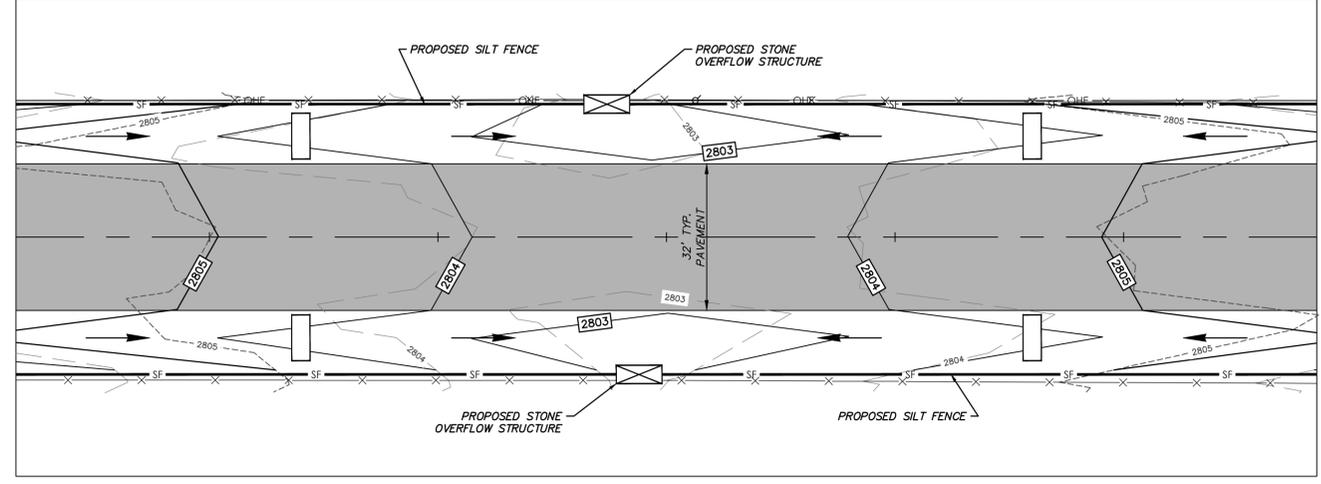
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### TYPICAL EROSION CONTROL PLAN WITH ROADWAY DITCHES

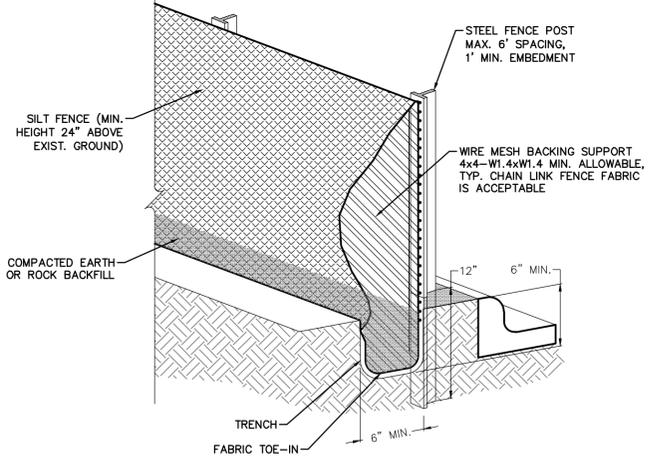


### TYPICAL EROSION CONTROL PLAN WITH DRAINAGE EXITING R.O.W.



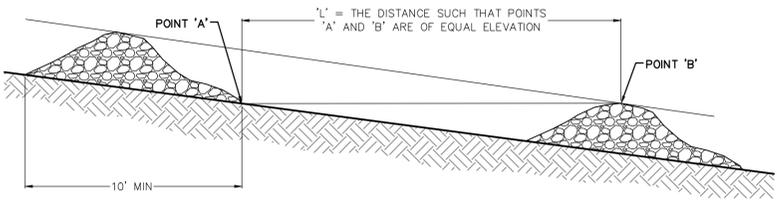
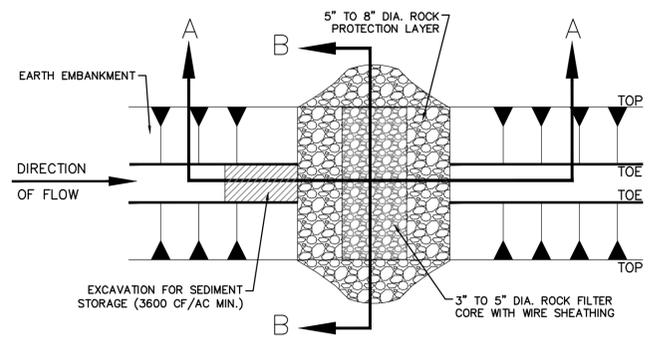
**SILT FENCE STONE OVERFLOW STRUCTURE**  
NOT TO SCALE

- 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.

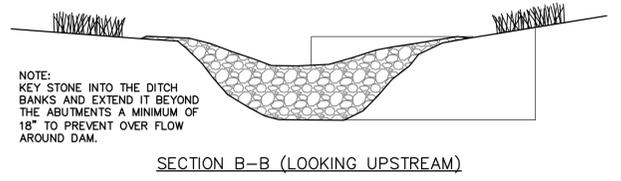


**SILT FENCE**  
NOT TO SCALE

- 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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 PLOTTED AT: 11:08:19 AM  
 PLOTTED ON: 2/22/2023

NO.	REVISION	BY	DATE	CHECKED
		AJA		DESIGNED
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		BWA		CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE
HORIZ N/A
VERT N/A
DATE FEBRUARY 2023

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

STATE OF TEXAS  
BRIAN W. ADKINS  
100284  
LICENSED PROFESSIONAL ENGINEER  
PROJECT ENGINEER  
2-22-2023  
DATE

MIDLAND COUNTY PRECINCT 2	DA PROJECT B006795.002
SOUTH COUNTY ROAD 1040 MIDLAND COUNTY, TEXAS	SHEET 5
<b>TYPICAL EROSION CONTROL PLAN AND DETAILS</b>	





### REQUIREMENTS FOR RED BACKGROUND REGULATORY SIGNS (STOP, YIELD, DO NOT ENTER AND WRONG WAY SIGNS)

**TYPICAL EXAMPLES**

**REQUIREMENTS FOR FOUR SPECIFIC SIGNS ONLY**

USAGE	COLOR	SIGN FACE MATERIAL
BACKGROUND	RED	TYPE B OR C SHEETING
BACKGROUND	WHITE	TYPE B OR C SHEETING
LEGEND & BORDERS	WHITE	TYPE B OR C SHEETING
LEGEND	RED	TYPE B OR C SHEETING

### REQUIREMENTS FOR WHITE BACKGROUND REGULATORY SIGNS (EXCLUDING STOP, YIELD, DO NOT ENTER AND WRONG WAY SIGNS)

**TYPICAL EXAMPLES**

**SHEETING REQUIREMENTS**

USAGE	COLOR	SIGN FACE MATERIAL
BACKGROUND	WHITE	TYPE A SHEETING
BACKGROUND	ALL OTHERS	TYPE B OR C SHEETING
LEGEND, BORDERS AND SYMBOLS	BLACK	ACRYLIC NON-REFLECTIVE FILM
LEGEND, BORDERS AND SYMBOLS	ALL OTHER	TYPE B OR C SHEETING

### GENERAL NOTES

- Signs to be furnished shall be as detailed elsewhere in the plans and/or as shown on sign fabrication sheet. Standard sign designs and arrow dimensions can be found in the "Standard Highway Sign Designs for Texas" (SHSD).
- Sign legends shall use the Federal Highway Administration (FHWA) Standard Highway Alphabet (B, C, D, E, G, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z).
- Lateral spacing between letters and numerals shall conform with the SHSD, and any approved changes thereto. Lateral spacing of legend shall provide a balanced appearance when spacing is not shown.
- Black legend and borders shall be applied by screening process or out-cut acrylic non-reflective black film to background sheeting, or combination thereof.
- White legend and borders shall be applied by screening process with transparent colored ink, transparent colored overlay film to white background sheeting or out-cut white sheeting to colored background sheeting, or combination thereof.
- Colored legend shall be applied by screening process with transparent colored ink, transparent colored overlay film or colored sheeting to background sheeting, or combination thereof.
- Sign substrate shall be any material that meets the Departmental Material Specification requirements of DMS-7110 or approved alternative.
- Mounting details for roadside mounted signs are shown in the "SMD series" Standard Plan Sheets.

### REQUIREMENTS FOR WARNING SIGNS

**TYPICAL EXAMPLES**

**SHEETING REQUIREMENTS**

USAGE	COLOR	SIGN FACE MATERIAL
BACKGROUND	FLUORESCENT YELLOW	TYPE B <sub>1</sub> OR C <sub>1</sub> SHEETING
LEGEND & BORDERS	BLACK	ACRYLIC NON-REFLECTIVE FILM
LEGEND & SYMBOLS	ALL OTHER	TYPE B OR C SHEETING

### REQUIREMENTS FOR SCHOOL SIGNS

**TYPICAL EXAMPLES**

**SHEETING REQUIREMENTS**

USAGE	COLOR	SIGN FACE MATERIAL
BACKGROUND	WHITE	TYPE A SHEETING
BACKGROUND	FLUORESCENT YELLOW GREEN	TYPE B <sub>1</sub> OR C <sub>1</sub> SHEETING
LEGEND, BORDERS AND SYMBOLS	BLACK	ACRYLIC NON-REFLECTIVE FILM
SYMBOLS	RED	TYPE B OR C SHEETING

### TYPICAL SIGN REQUIREMENTS

TSR (4) - 13

The Standard Highway Sign Designs for Texas (SHSD) can be found at the following website:  
<http://www.txdot.gov/>

Texas Department of Transportation  
Traffic Operations Division

### TRIANGULAR SLIPBASE INSTALLATION GENERAL REQUIREMENTS

**NOTE**

There are various devices approved for the Triangular Slipbase System. Please reference the Material Producer List for approved slip base systems. The devices shall be installed per manufacturers' recommendations. Installation procedures shall be provided to the Engineer by Contractor.

**GENERAL NOTES**

- Slip base shall be permanently marked to indicate manufacturer, method, design, and location of marking are subject to approval of the TxDOT Traffic Standards Engineer.
- Material used with this system shall conform to the following specifications:
  - 100# (40,875) outside diameter
  - 5.134" nominal wall thickness
  - Seamless or electric-resistance welded steel tubing or pipe
  - Steel shall be A53B or 55 per ASTM A1011 or ASTM A106
  - Other steels may be used if they meet the following:
    - 70,000 PSI minimum tensile strength
    - 200 minimum elongation in 2"
  - Wall thickness (uncoated) shall be within the range of 0.122" to 0.138"
  - Outside diameter (uncoated) shall be within the range of 4.867" to 2.883"
  - Galvanization per ASTM A153 or ASTM A653. For precast steel tubing (ASTM A653), recast Schedule 80 Pipe (12.75" outside diameter)
  - 0.276" nominal wall thickness
  - Schedule 80 Pipe (12.75" outside diameter)
  - Other seamless or electric-resistance welded steel tubing or pipe with equivalent outside diameter and wall thickness may be used if they meet the following:
    - 45,000 PSI minimum yield strength
    - 82,000 PSI minimum tensile strength
    - 215 minimum elongation in 2"
    - Wall thickness (uncoated) shall be within the range of 0.148" to 0.204"
    - Outside diameter (uncoated) shall be within the range of 2.855" to 2.895"
    - Galvanization per ASTM A153
- See the Traffic Operations Division website for detailed drawings of sign clamps and Texas Universal Triangular Slipbase System components. The website address is: <http://www.txdot.gov/business/trafficops/traffic.htm>
- Sign supports shall not be bolted except where shown. Sign support posts shall not be bolted.

**ASSEMBLY PROCEDURE**

**Foundation**

- Prepare 12-inch diameter by 42-inch deep hole. If solid rock is encountered, the depth of the hole may be reduced such that it is embedding a minimum of 18 inches into the solid rock.
- The Engineer may permit batches of concrete less than 2 cubic yards to be mixed with a portable motor-or-lawn concrete mixer. For small placements, less than 0.5 cubic yards, hand mixing in a suitable container may be permitted by the Engineer. Concrete shall be Class B.
- Push the pipe end of the slip base stub into the center of the concrete. Rotate the stub back and forth while pushing it down into the concrete to ensure good contact between the concrete and stub. Continue to work the stub into the concrete until it is between 2 to 4 inches above the ground.
- Place the stub. Allow a minimum of 4 days to set, unless otherwise directed by the Engineer.
- The triangular slipbase system is multifunctional and is designed to release when struck from any direction.

**Support**

- Set support so that the bottom of the sign will be 7 to 7.5 feet above the edge of the travelway (i.e., edge of the closest lane when slip plate is below the edge of pavement or 7 to 7.5 feet above slip plate when the slip plate is above the edge of the travelway). The cut shall be clean and straight.
- Use sign support to support using connections shown. When multiple signs are installed on the same support, ensure the minimum clearance between each sign is maintained. See SMD(SLIP-2) for clearances based on sign types.

**CONCRETE ANCHOR**

Concrete anchor consists of 5/8" diameter stud bolt with one (1) 3/4" diameter nut and one (1) 3/4" diameter washer per ASTM F436. The stud bolt shall have a minimum yield and ultimate tensile strength of 50 and 75 ksi, respectively. Nuts, bolts and washers shall be galvanized per Item 445, "Galvanizing." Adhesive type anchors shall have stud bolts installed with Type III epoxy per DMS-8100. Epoxies and Adhesives: Adhesive anchors shall be installed per manufacturer's recommendations. Top of bolt shall extend at least 1/2 inch with top of weight concrete with a 1/2" minimum embedment. When installed in 4000 psi normal weight concrete with a 1/2" minimum embedment, shall have a minimum ultimate tension and shear of 3900 and 3100 psi, respectively.

### SM RD SON ASSM TY XXXXX(1)XX(1)X

**GENERAL NOTES**

- The Engineer may require that a Schedule 80 post be used in place of a 100# pipe where a sign height is 40 feet or greater.
- Sign supports shall not be bolted except where shown. Sign support posts shall not be bolted.
- Aluminum sign blanks shall conform to Departmental Material Specifications DMS-7110 and shall have the following minimum thicknesses shown for signs less than 7.5 sq. ft., 0.100 for signs 7.5 to 15 sq. ft., and 0.125 for signs greater than 15 sq. ft.
- Signs that require specific supports due to reasons in addition to those listed above are indicated on the "REQUIRED SUPPORT" table on this sheet.
- For horizontal rectangular signs fabricated from flat aluminum, T-brackets are used for signs 24 inches or greater in height. T-brackets are not used for signs of greater height.
- For horizontal rectangular signs fabricated from flat aluminum, T-brackets are used for signs 24 inches or greater in height. T-brackets are not used for signs of greater height.
- Wing channel shall meet ASTM A 101 SS Gr 50 and be galvanized per Item 445, "Galvanizing."
- Excess pipe, wing channel, or window shall be cut off so that it does not extend beyond the sign panel (i.e., excess support shall not be visible when the sign is viewed from the front). Repair galvanized coating of cut support ends per Item 445, "Galvanizing."
- Additional route markers may be added vertically, provided the total sign area does not exceed the maximum of 40 square feet per sign.
- Additional sign clamp required on the "T-bracket" post for 24 inch height signs. Place the clamp 3 inches above bottom of sign when possible.
- Sign blanks shall be the sizes and shapes shown on the plans.

**REQUIRED SUPPORT**

SIGN DESCRIPTION	SUPPORT
48-Inch STOP sign (R1-1)	TY 100#(1)XX(1)X
60-Inch YIELD sign (R1-2)	TY 100#(1)XX(1)X
48x48-Inch ONE-WAY sign (R6-1)	TY 100#(1)XX(1)X
36x48, 48x36, and 48x48-Inch signs	TY 100#(1)XX(1)X
48x60-Inch signs	TY 50#(1)XX(1)X
48x48-Inch signs (diamond or square)	TY 100#(1)XX(1)X
48x60-Inch signs	TY 50#(1)XX(1)X
48-Inch Advance School X-ing sign (S1-1)	TY 100#(1)XX(1)X
48-Inch School X-ing sign (S2-1)	TY 100#(1)XX(1)X
Large Arrow sign (R1-6 & W1-7)	TY 100#(1)XX(1)X

**FRICION CAP DETAIL**

Friction caps may be manufactured from hot rolled or cold rolled steel sheets. The minimum sheet metal thickness shall be 24 gauge for all cap sizes. The rim edges shall be reasonably straight and smooth. Caps shall be sized and formed in such a manner as to produce a drive-on friction fit and have no tendency to rock when seated on the pipe. The depth shall be sufficient to give positive protection against entrance of rainwater. They shall be free of sharp creases or indentations and show no evidence of metal fracture. Caps shall have an electrocoat finish of zinc in accordance with the requirements of ASTM B633 Class FE/2B.

### SIGN SUPPORT DESCRIPTIVE CODES

SM RD SON ASSM TY XXXX(X)XX(X)XXXX

**REQUIRED CLEARANCE FOR BREAKAWAY SUPPORT**

**SIGN LOCATION**

**BEHIND BARRIER**

**BEHIND GUARDED BARRIER**

**RESTRICTED RIGHT-OF-WAY**

**REQUIREMENTS FOR SIGN ATTACHMENT DETAIL**

**SIGN MOUNTING DETAILS SMALL ROADSIDE SIGNS TRIANGULAR SLIPBASE SYSTEM SMD (SLIP-2) - 08**

**GENERAL NOTES & DETAILS**

SMD (GEN) - 08

NO.	REVISION	BY	DATE	CHECKED

SCALE: HORIZ N/A, VERT N/A, DATE FEBRUARY 2023

MIDLAND COUNTY PRECINCT 2  
SOUTH COUNTY ROAD 1040  
MIDLAND COUNTY, TEXAS

DA PROJECT B006795.002  
SHEET 8

TxDOT SIGNAGE DETAILS

DISCLAIMER: THE USER OF THIS DOCUMENT IS ADVISED THAT THE INFORMATION CONTAINED HEREIN IS FOR GENERAL INFORMATION ONLY AND IS NOT TO BE USED AS A SUBSTITUTE FOR THE DESIGN AND CONSTRUCTION OF ANY PROJECT. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

**DUNAWAY**

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Tel: 432.699.4889  
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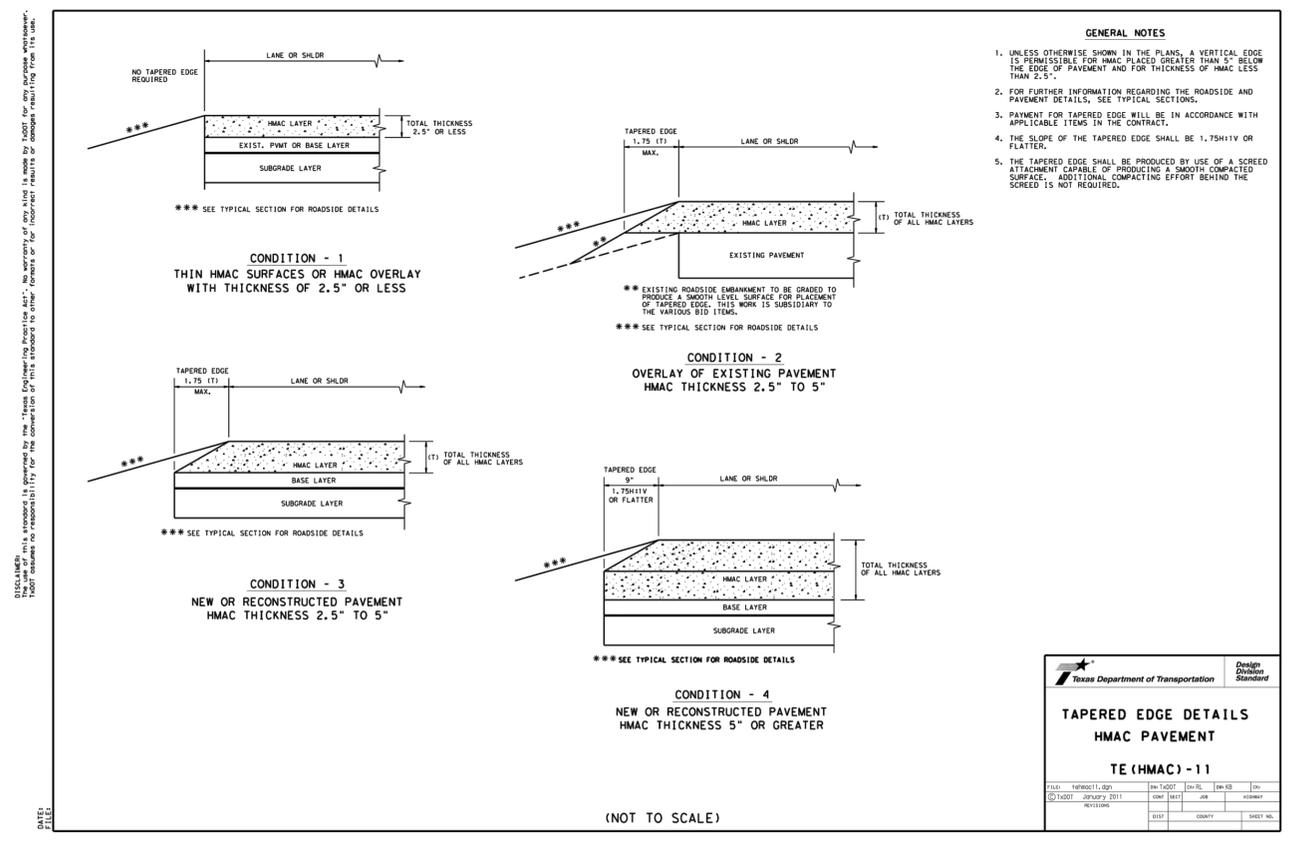
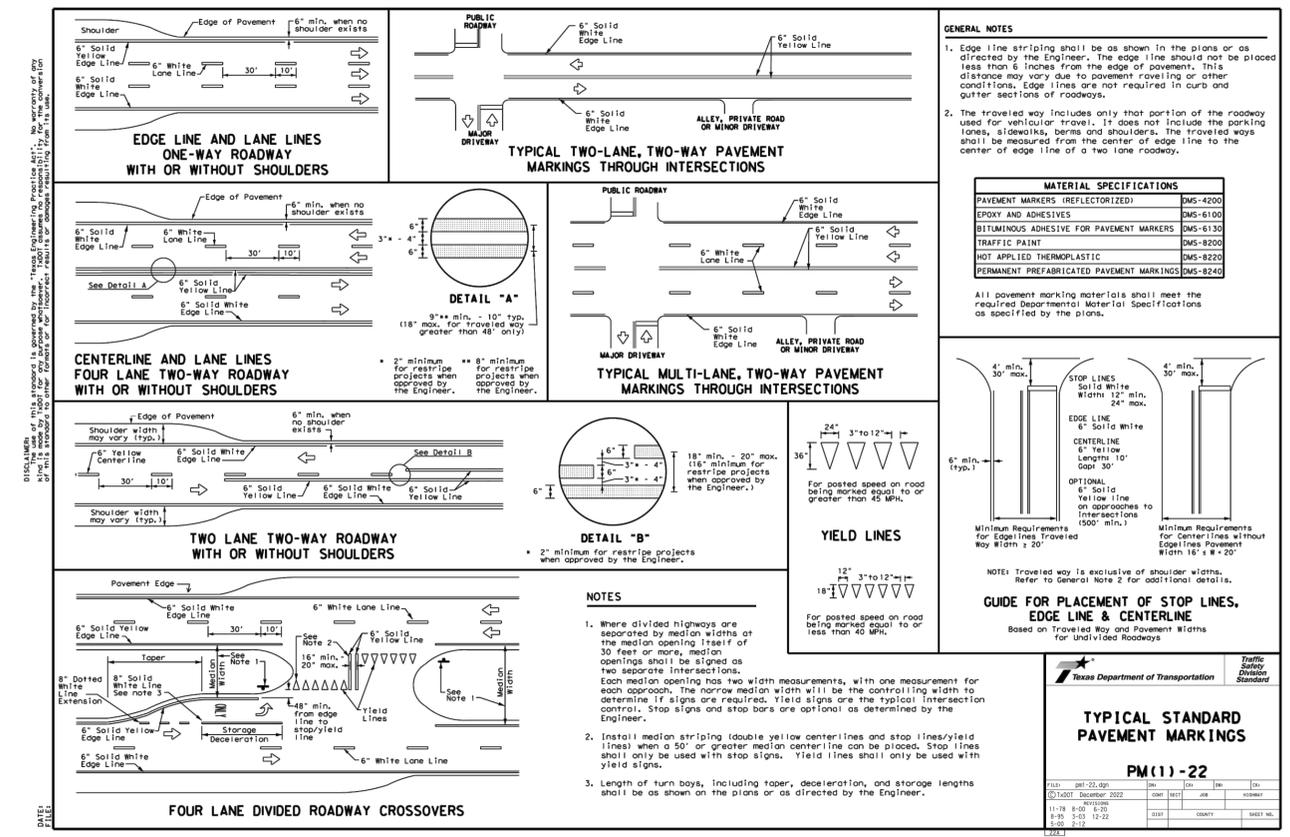
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**WARNING TO CONTRACTOR:**

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.

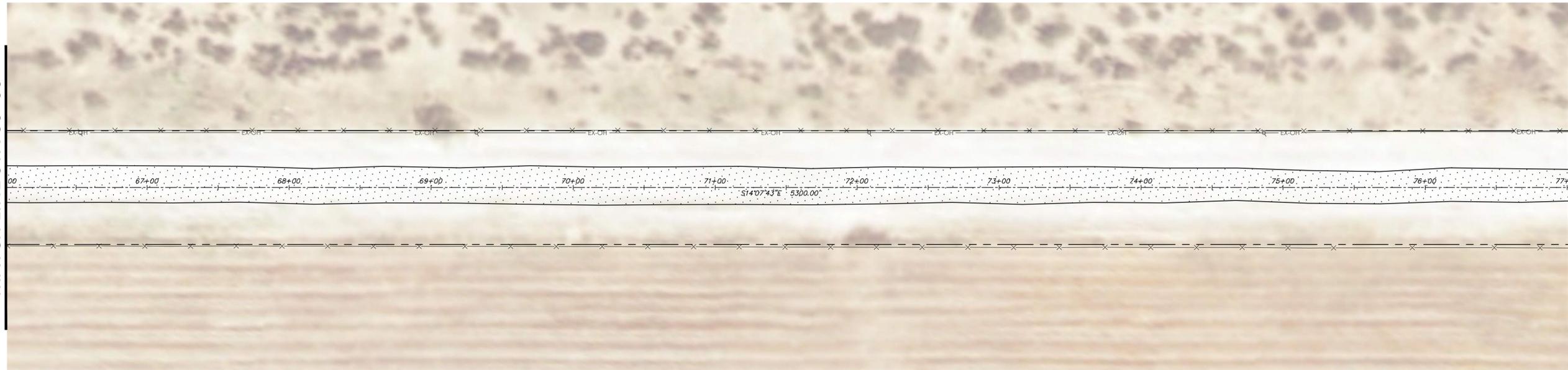
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SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

# SOUTH COUNTY ROAD 1040

MATCH LINE STA 66+00

MATCH LINE STA 77+00

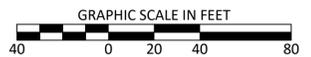
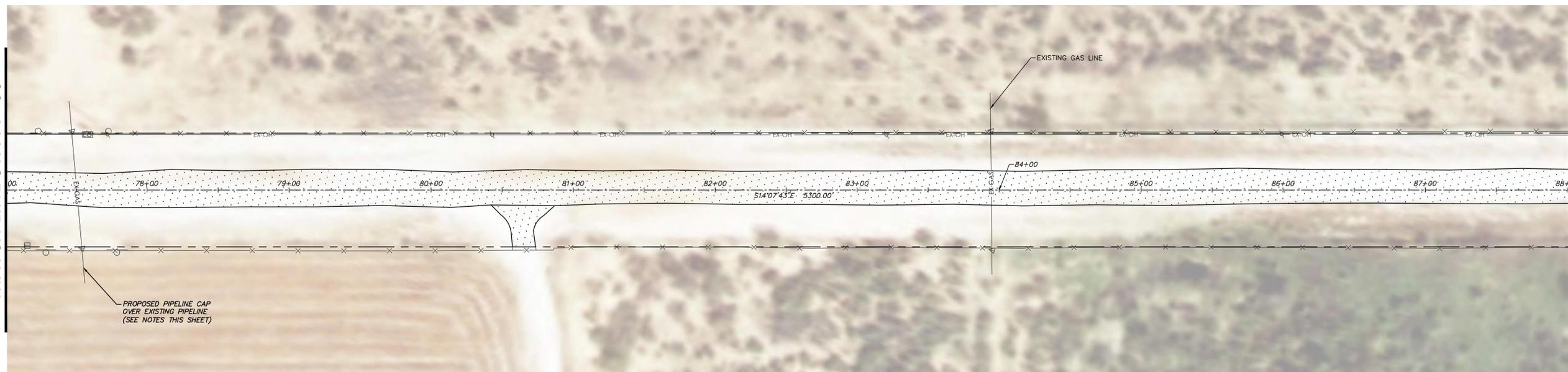


**NOTES:**

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- CONTRACTOR TO COORDINATE WITH UTILITY OWNER TO VERIFY PROTECTION REQUIREMENT.

MATCH LINE STA 77+00

MATCH LINE STA 88+00



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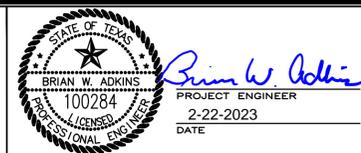
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**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE
HORIZ 1" = 40'
VERT N/A
DATE FEBRUARY 2023

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Tel: 432.699.4889  
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MIDLAND COUNTY PRECINCT 2	DA PROJECT B006795.002
SOUTH COUNTY ROAD 1040 MIDLAND COUNTY, TEXAS	SHEET
<b>OVERALL ROADWAY STATIONING STA 66+00 TO 88+00</b>	<b>17</b>



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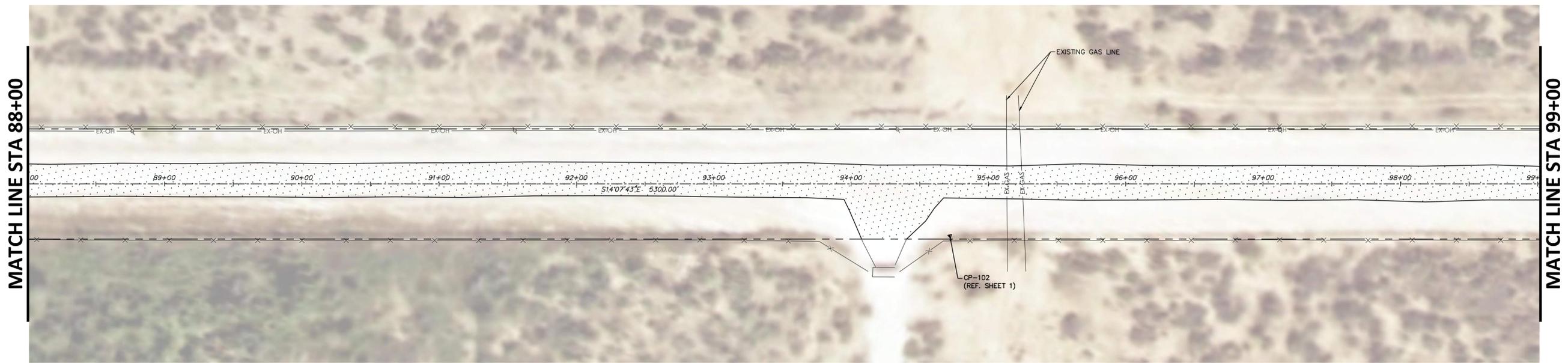
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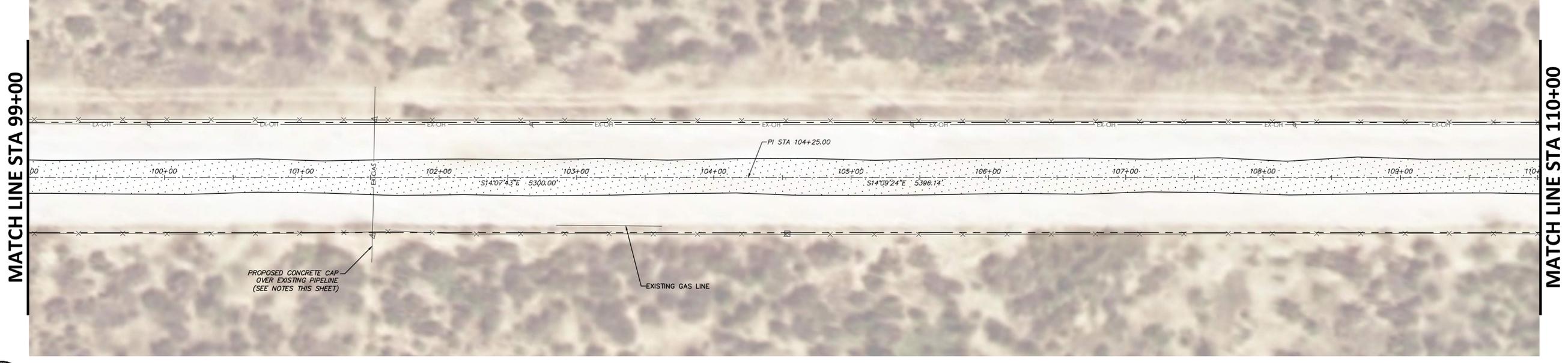
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**BENCHMARK:**  
SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

# SOUTH COUNTY ROAD 1040



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  - CONTRACTOR TO COORDINATE WITH UTILITY OWNER TO VERIFY PROTECTION REQUIREMENT.



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**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE	HORIZ	1" = 40'
	VERT	N/A
	DATE	FEBRUARY 2023

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

STATE OF TEXAS  
 BRIAN W. ADKINS  
 100284  
 LICENSED PROFESSIONAL ENGINEER  
 PROJECT ENGINEER  
 2-22-2023  
 DATE

MIDLAND COUNTY PRECINCT 2	DA PROJECT	B006795.002
SOUTH COUNTY ROAD 1040 MIDLAND COUNTY, TEXAS	SHEET	18
OVERALL ROADWAY STATIONING STA 88+00 TO 110+00		









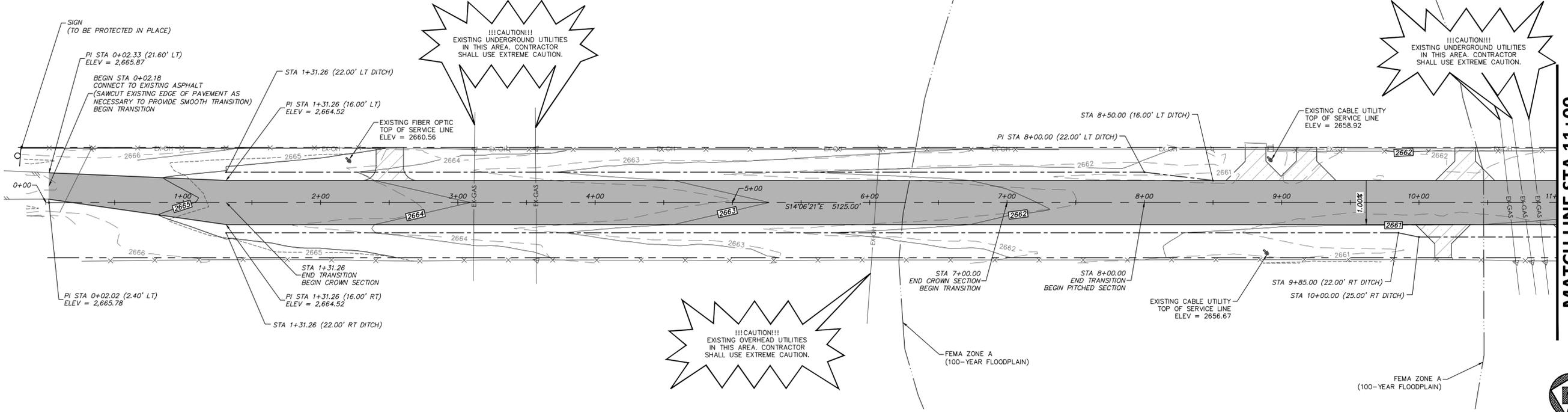
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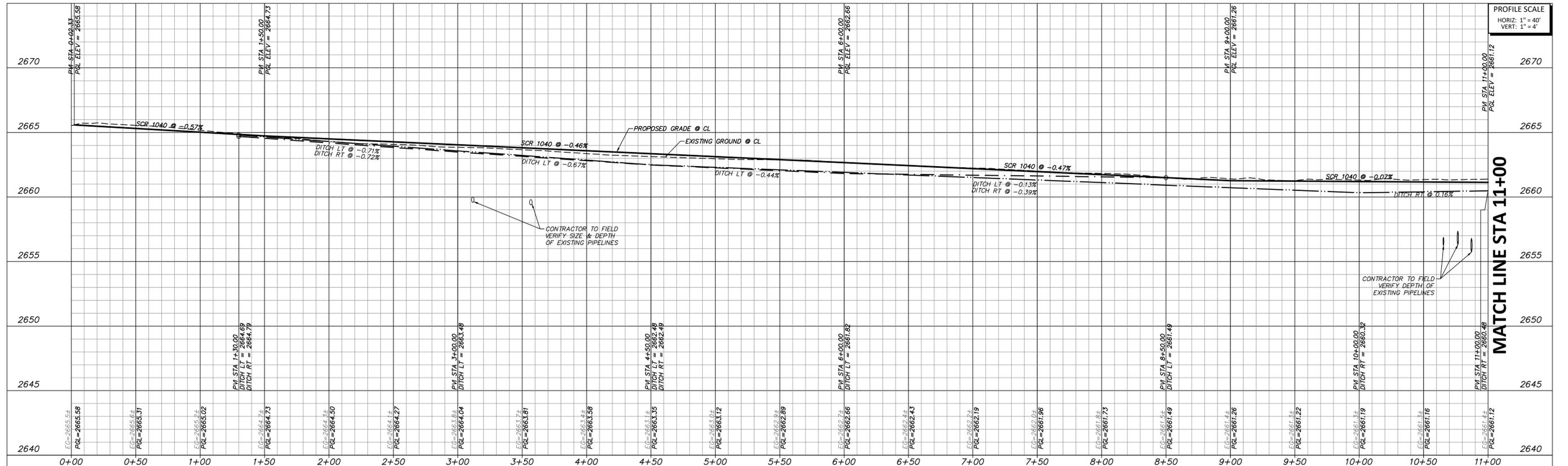
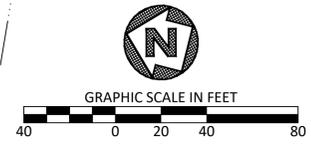
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**BENCHMARK:**  
SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.



# SOUTH COUNTY ROAD 1040



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 RVG  
 DRAWN  
 BWA  
 CHECKED

SCALE  
 HORIZ  
 1" = 40'  
 VERT  
 1" = 4'  
 DATE  
 FEBRUARY  
 2023

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

Brian W. Adkins  
 PROJECT ENGINEER  
 2-22-2023  
 DATE

MIDLAND COUNTY PRECINCT 2  
 SOUTH COUNTY ROAD 1040  
 MIDLAND COUNTY, TEXAS  
**PLAN AND PROFILE  
 STA 0+00 TO 11+00**

DA PROJECT  
 B006795.002  
 SHEET  
**22**





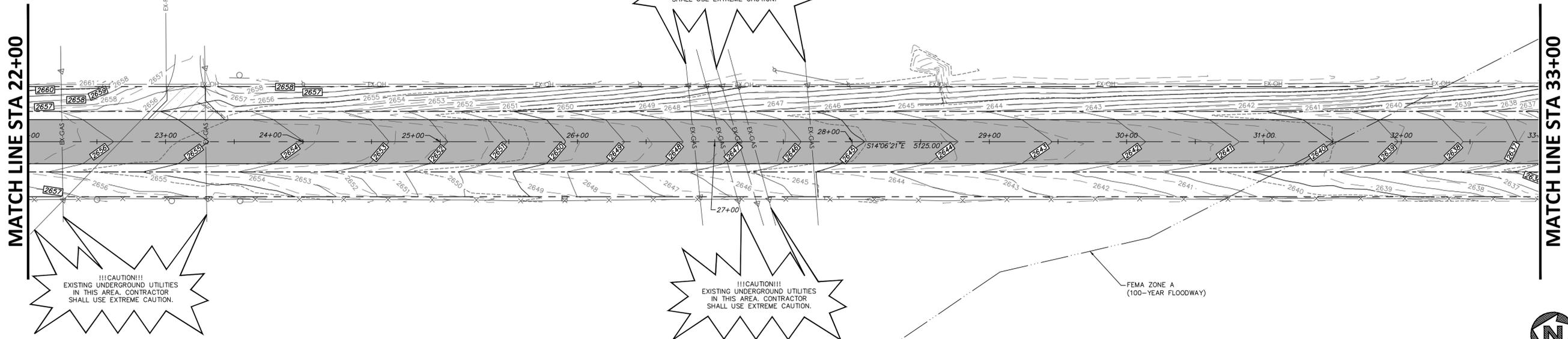
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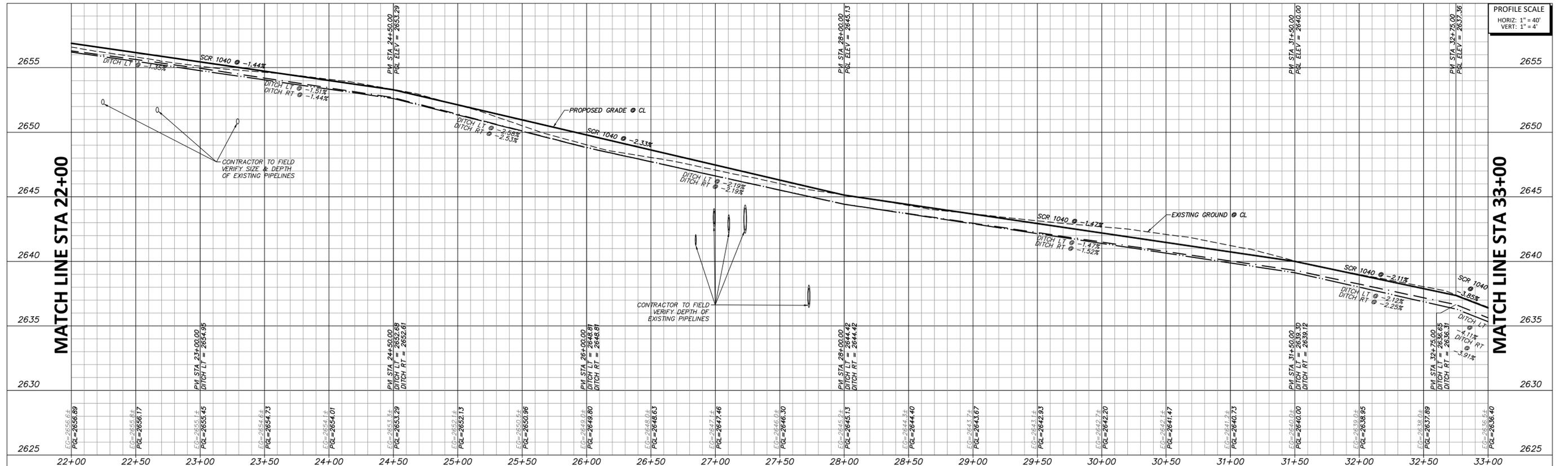
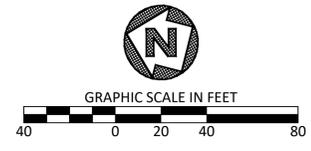
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**BENCHMARK:**  
SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.



# SOUTH COUNTY ROAD 1040



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 PLOTTER: Brian W. Adkins  
 PLOTTED BY: Brian W. Adkins  
 PLOTTED AT: 11:34:29 AM

NO.	REVISION	BY	DATE	CHECKED

AJA  
 DESIGNED  
 RVG  
 DRAWN  
 BWA  
 CHECKED  
  
**MIDLAND COUNTY  
 MIDLAND, TEXAS**

SCALE  
 HORIZ  
 1" = 40'  
 VERT  
 1" = 4'  
 DATE  
 FEBRUARY  
 2023

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

**Brian W. Adkins**  
 PROJECT ENGINEER  
 2-22-2023  
 DATE

MIDLAND COUNTY PRECINCT 2  
 SOUTH COUNTY ROAD 1040  
 MIDLAND COUNTY, TEXAS  
  
**PLAN AND PROFILE  
 STA 22+00 TO 33+00**

DA PROJECT  
 B006795.002  
  
 SHEET  
**24**





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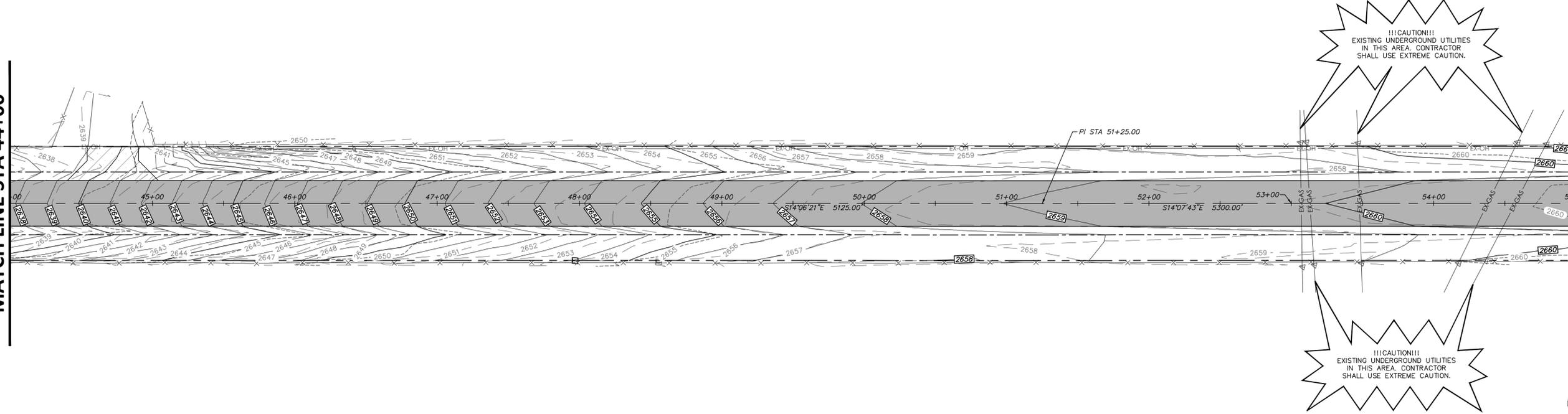
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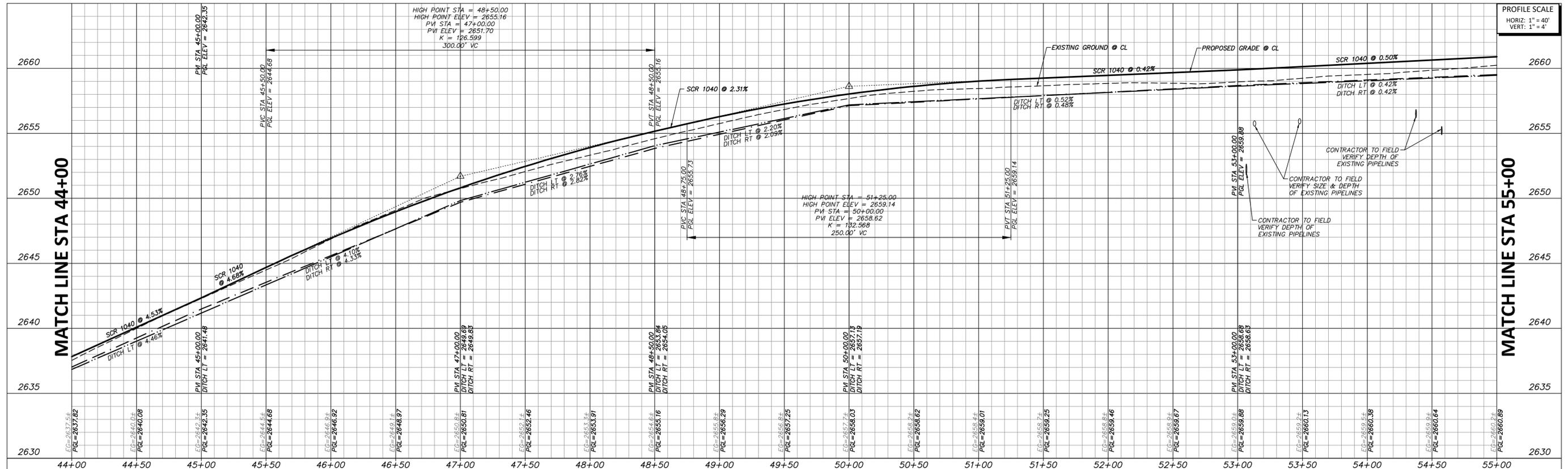
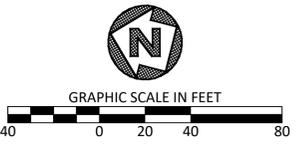
**BENCHMARK:**  
SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

MATCH LINE STA 44+00

MATCH LINE STA 55+00



# SOUTH COUNTY ROAD 1040



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 PLOTTED BY: Brian W. Adkins  
 PLOTTED DATE: 11/13/2023

NO.	REVISION	BY	DATE	CHECKED

**AJA**  
 DESIGNED  
**RVG**  
 DRAWN  
**BWA**  
 CHECKED

SCALE  
 HORIZ  
 1" = 40'  
 VERT  
 1" = 4'  
 DATE  
 FEBRUARY  
 2023

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

**Brian W. Adkins**  
 PROJECT ENGINEER  
 2-22-2023  
 DATE

MIDLAND COUNTY PRECINCT 2  
 SOUTH COUNTY ROAD 1040  
 MIDLAND COUNTY, TEXAS  
**PLAN AND PROFILE**  
**STA 44+00 TO 55+00**

DA PROJECT  
 B006795.002  
 SHEET  
**26**



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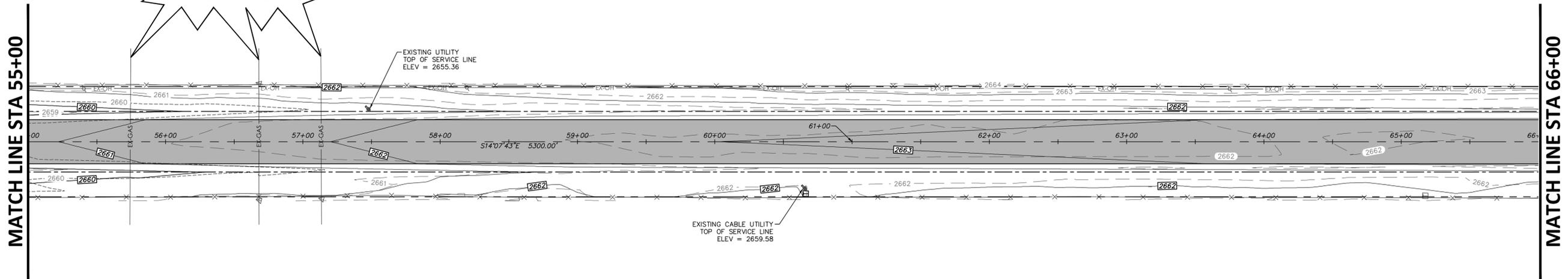
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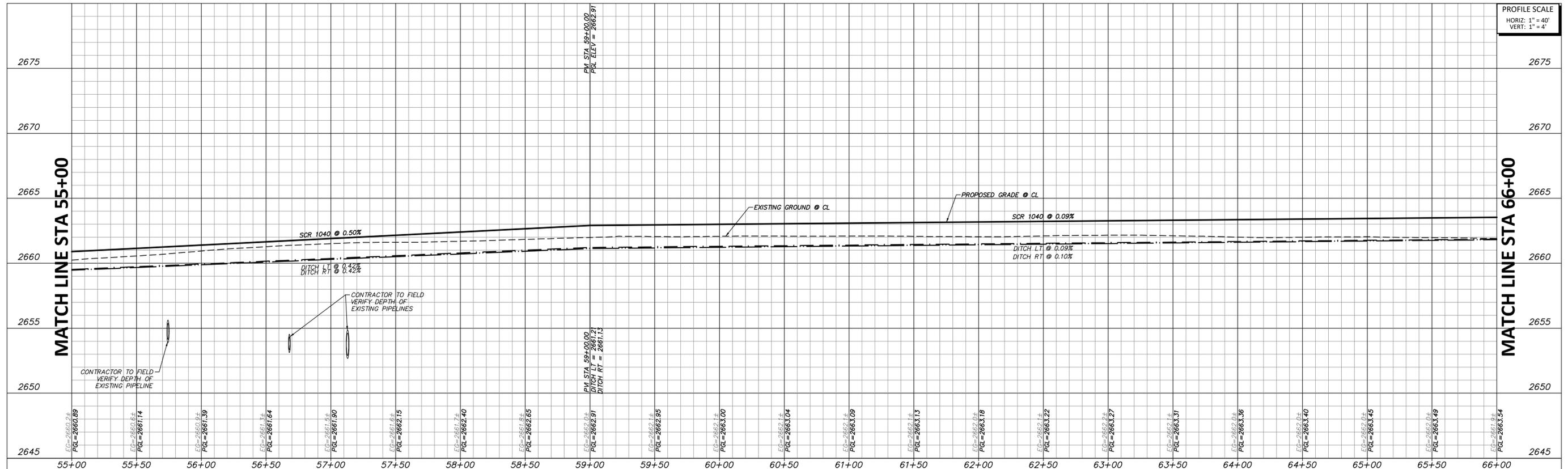
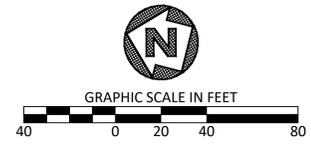
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!!!CAUTION!!!  
EXISTING UNDERGROUND UTILITIES  
IN THIS AREA. CONTRACTOR  
SHALL USE EXTREME CAUTION.



# SOUTH COUNTY ROAD 1040



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PLOT DATE: 11/13/2023

NO.	REVISION	BY	DATE	CHECKED

AJA  
DESIGNED  
RVG  
DRAWN  
BWA  
CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE  
HORIZ  
1" = 40'  
VERT  
1" = 4'  
DATE  
FEBRUARY  
2023

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

*Brian W. Adkins*  
PROJECT ENGINEER  
2-22-2023  
DATE

MIDLAND COUNTY PRECINCT 2  
SOUTH COUNTY ROAD 1040  
MIDLAND COUNTY, TEXAS

**PLAN AND PROFILE  
STA 55+00 TO 66+00**

DA PROJECT  
B006795.002  
SHEET  
**27**



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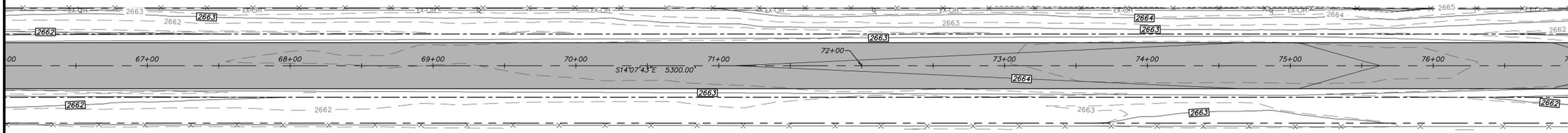
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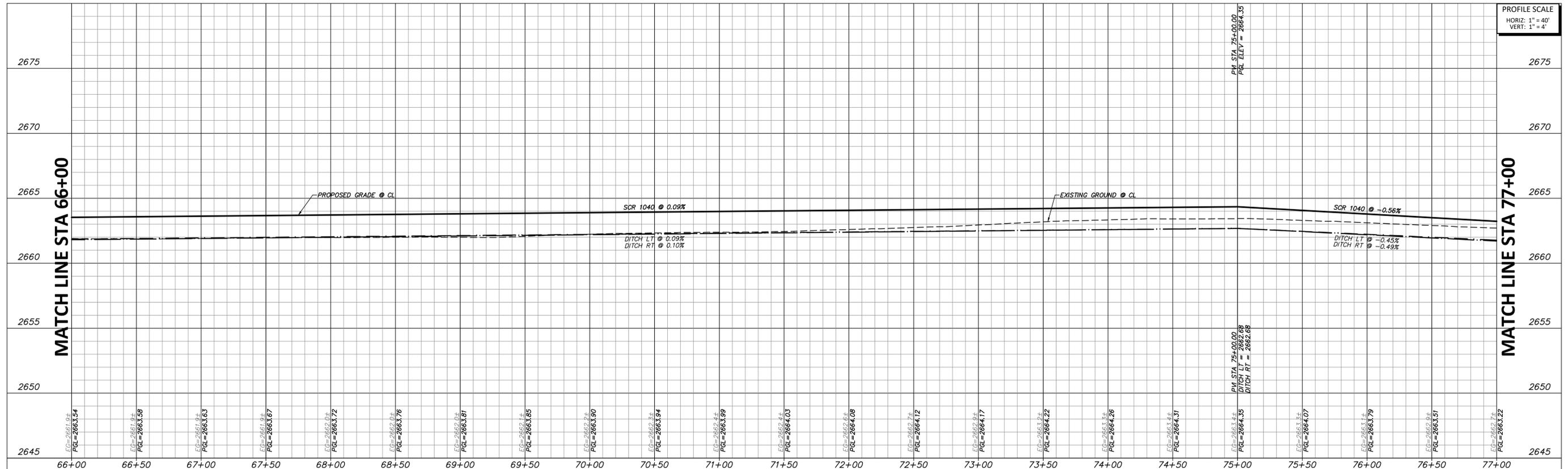
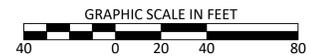
SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

MATCH LINE STA 66+00

MATCH LINE STA 77+00



**SOUTH COUNTY ROAD 1040**



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 PLOTTED BY: Allison Adams  
 PLOTTED DATE: 11/13/2023

NO.	REVISION	BY	DATE	CHECKED

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

SCALE	HORIZ 1" = 40'
	VERT 1" = 4'
	DATE FEBRUARY 2023

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

Brian W. Adkins  
 PROJECT ENGINEER  
 2-22-2023  
 DATE

MIDLAND COUNTY PRECINCT 2	DA PROJECT B006795.002
SOUTH COUNTY ROAD 1040 MIDLAND COUNTY, TEXAS	SHEET <b>28</b>
<b>PLAN AND PROFILE STA 66+00 TO 77+00</b>	





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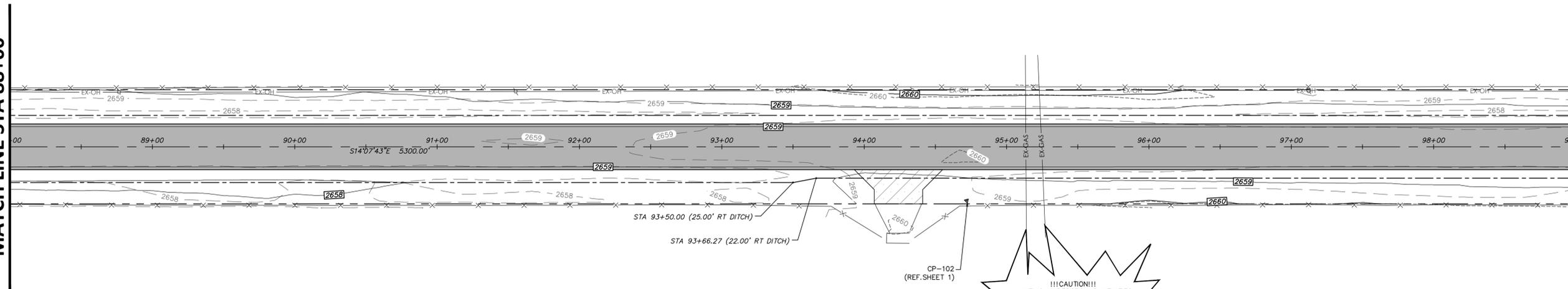
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MATCH LINE STA 88+00

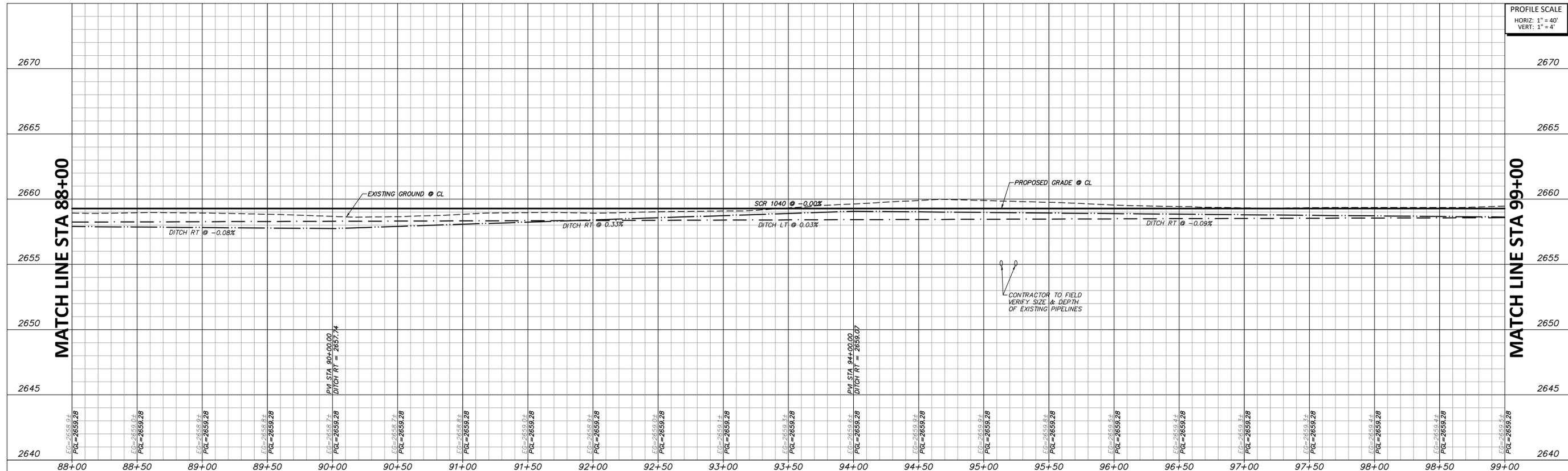
MATCH LINE STA 99+00



# SOUTH COUNTY ROAD 1040

MATCH LINE STA 88+00

MATCH LINE STA 99+00



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PLOTTER: Amlor Adams  
PLOT DATE: 11/15/22 AM

NO.	REVISION	BY	DATE	CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

AJA	DESIGNED
RVG	DRAWN
BWA	BWA
	CHECKED

SCALE  
HORIZ  
1" = 40'  
VERT  
1" = 4'  
DATE  
FEBRUARY  
2023

**DUNAWAY**

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

STATE OF TEXAS  
100284  
BRIAN W. ADKINS  
LICENSED PROFESSIONAL ENGINEER

*Brian W. Adkins*  
PROJECT ENGINEER  
2-22-2023  
DATE

MIDLAND COUNTY PRECINCT 2  
SOUTH COUNTY ROAD 1040  
MIDLAND COUNTY, TEXAS

**PLAN AND PROFILE  
STA 88+00 TO 99+00**

DA PROJECT  
B006795.002  
SHEET  
**30**







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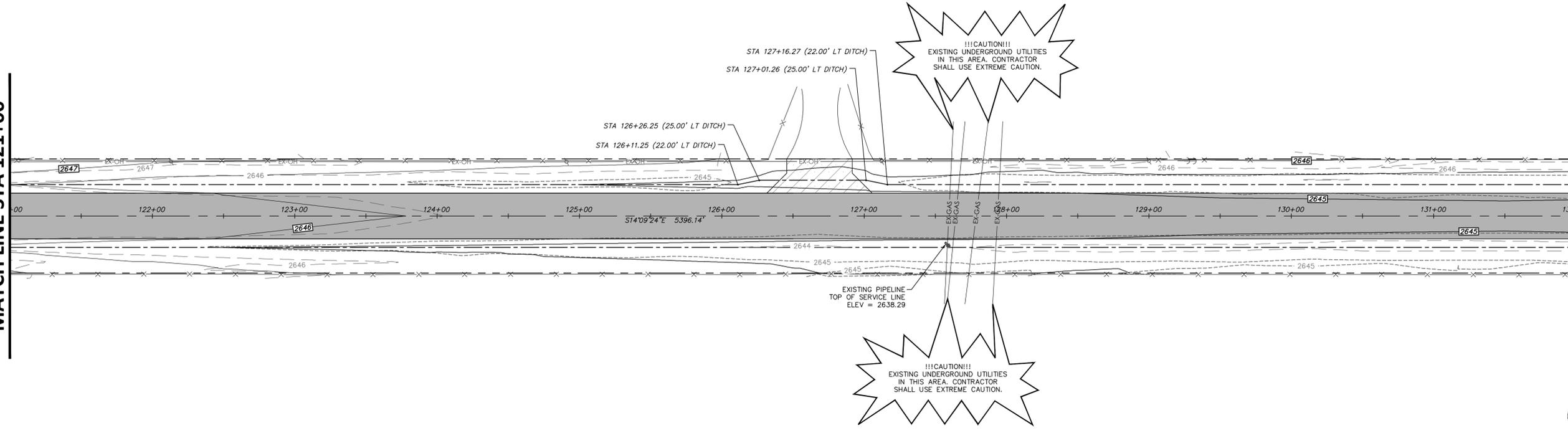
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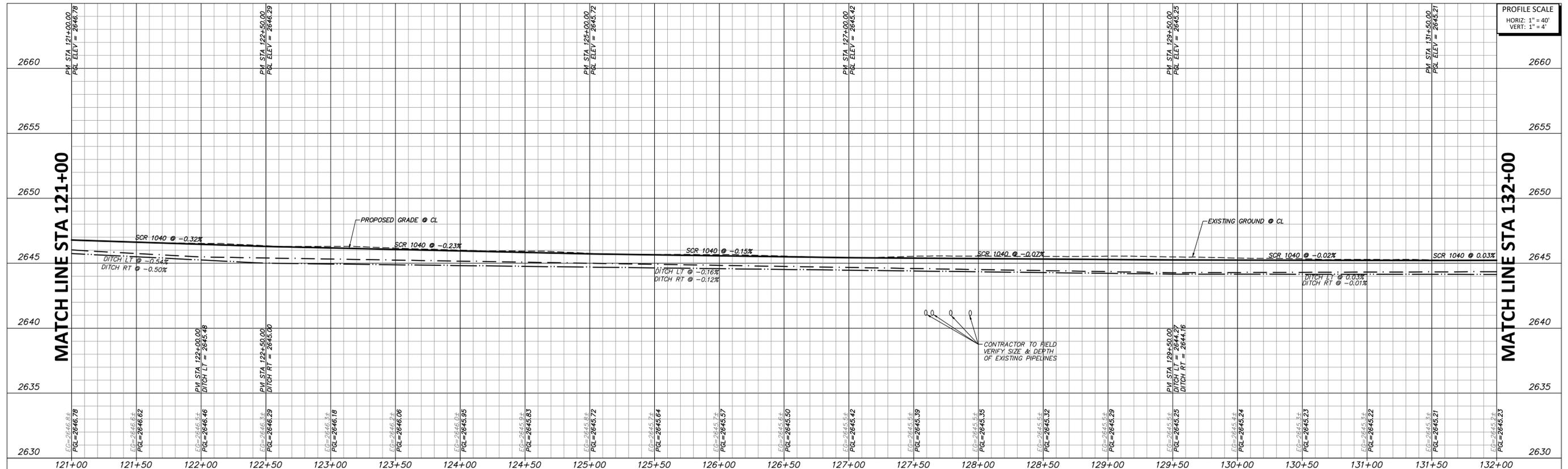
**BENCHMARK:**  
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MATCH LINE STA 121+00

MATCH LINE STA 132+00



# SOUTH COUNTY ROAD 1040



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 PLOTTED BY: Allison Adams  
 PLOTTED DATE: 11/15/2023

NO.	REVISION	BY	DATE	CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE  
 HORIZ  
 1" = 40'  
 VERT  
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 DATE  
 FEBRUARY  
 2023

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 Tel: 432.699.4889  
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Brian W. Adkins  
 PROJECT ENGINEER  
 2-22-2023  
 DATE

**MIDLAND COUNTY PRECINCT 2  
SOUTH COUNTY ROAD 1040  
MIDLAND COUNTY, TEXAS**

**PLAN AND PROFILE  
STA 121+00 TO 132+00**

DA PROJECT  
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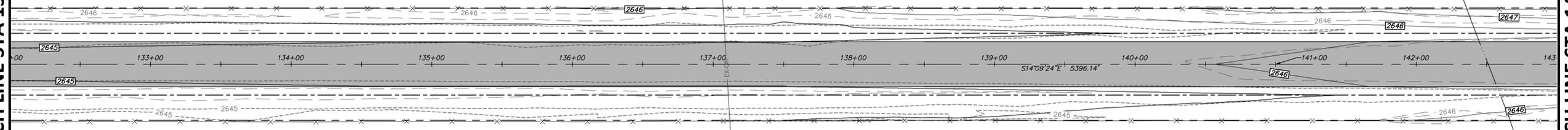
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MATCH LINE STA 132+00

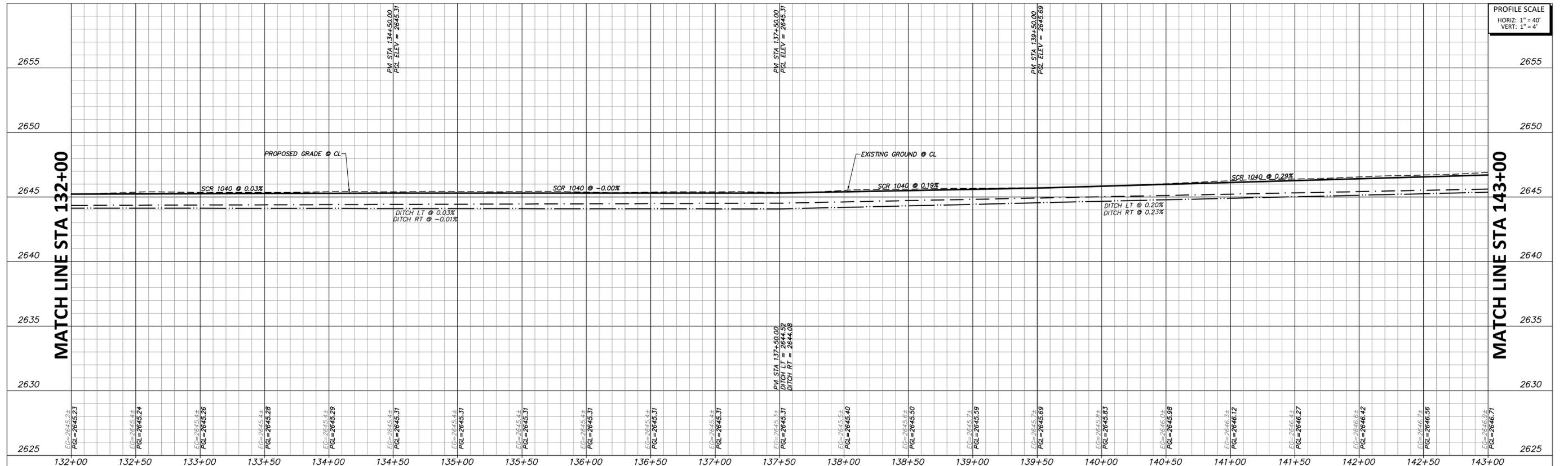
MATCH LINE STA 143+00

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



# SOUTH COUNTY ROAD 1040

FEMA ZONE A  
(100-YEAR FLOODPLAIN)



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

FULL PATH: G:\Production\4000\066795\02\001\Civil\DWG\Spec\Sheet\0400 P&P.dwg  
 FILENAME: 0400 P&P.dwg  
 PLOTTED BY: Brian W. Adkins  
 PLOTTED DATE: 11/15/2023

NO.	REVISION	BY	DATE	CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

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 [TX REG. F-1114]

**Brian W. Adkins**  
 PROJECT ENGINEER  
 2-22-2023  
 DATE

**MIDLAND COUNTY PRECINCT 2**  
**SOUTH COUNTY ROAD 1040**  
**MIDLAND COUNTY, TEXAS**  
**PLAN AND PROFILE**  
**STA 132+00 TO 143+00**

DA PROJECT  
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 SHEET  
**34**





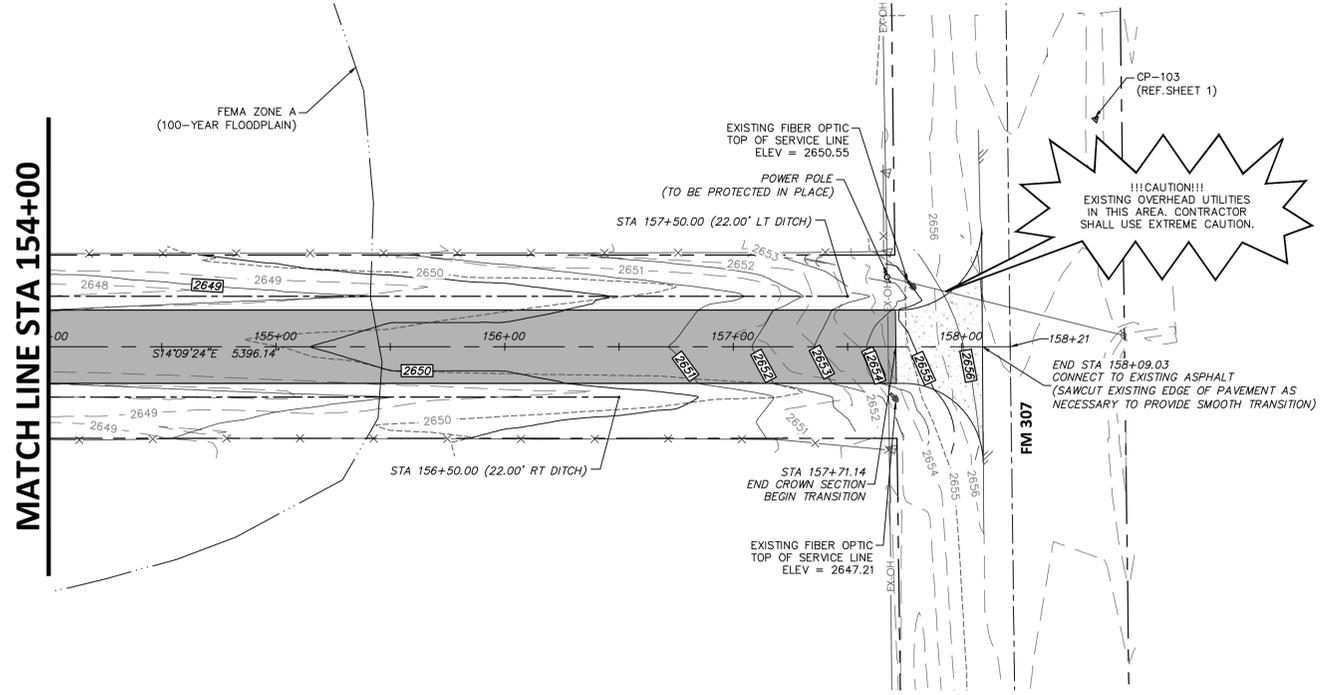
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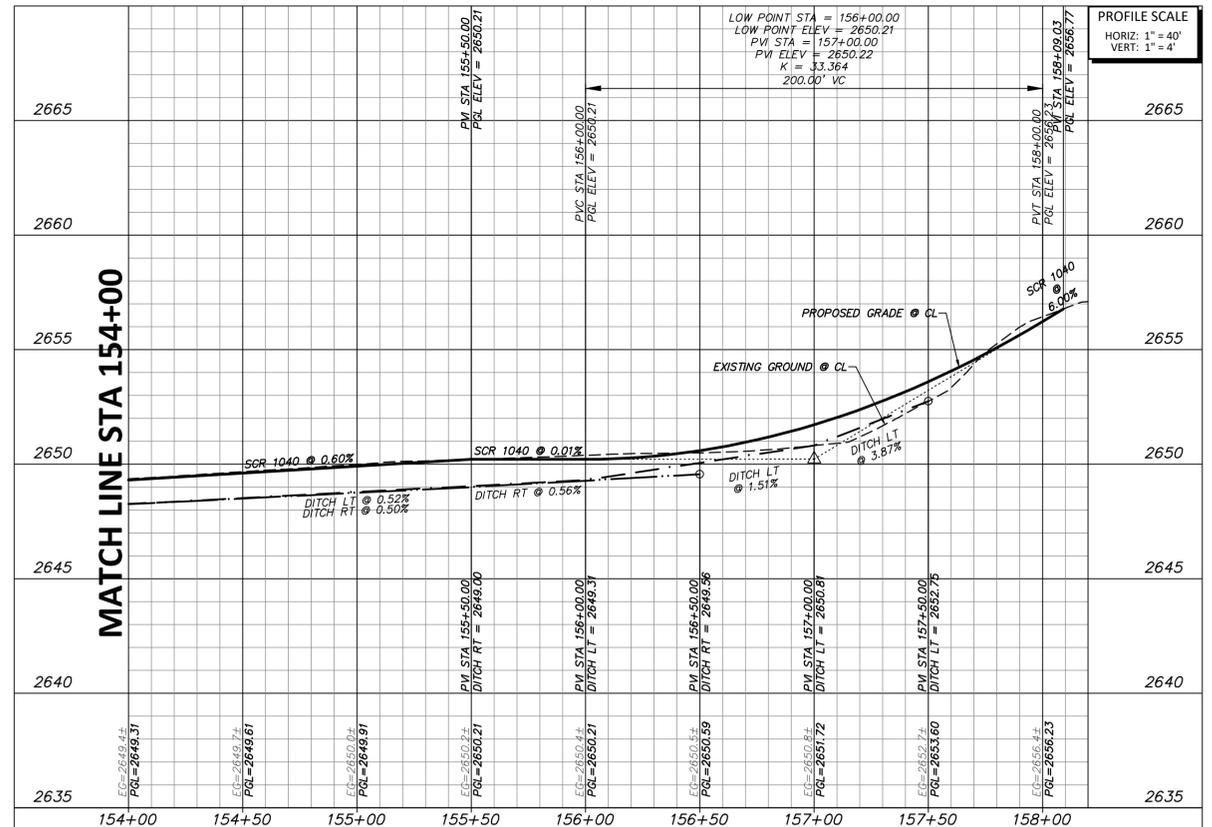
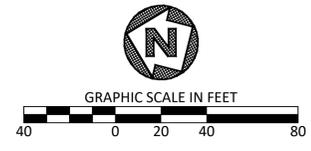
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# SOUTH COUNTY ROAD 1040



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 PLOTTED BY: Allison Adams  
 PLOTTED DATE: 11/15/2023

NO.	REVISION	BY	DATE	CHECKED
				AJA
				DESIGNED
				RVG
				DRAWN
				BWA
				BWA

**MIDLAND COUNTY  
MIDLAND, TEXAS**

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**DUNAWAY**  
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[TX REG. F-1114]

STATE OF TEXAS  
100284  
BRIAN W. ADKINS  
PROFESSIONAL ENGINEER  
2-22-2023  
DATE

MIDLAND COUNTY PRECINCT 2  
SOUTH COUNTY ROAD 1040  
MIDLAND COUNTY, TEXAS  
**PLAN AND PROFILE  
STA 154+00 TO END**

DA PROJECT  
B006795.002  
SHEET  
**36**







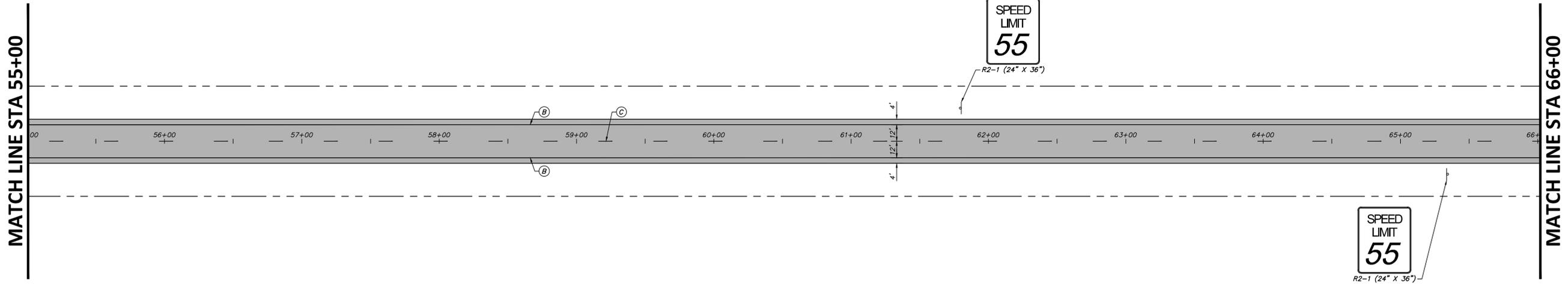
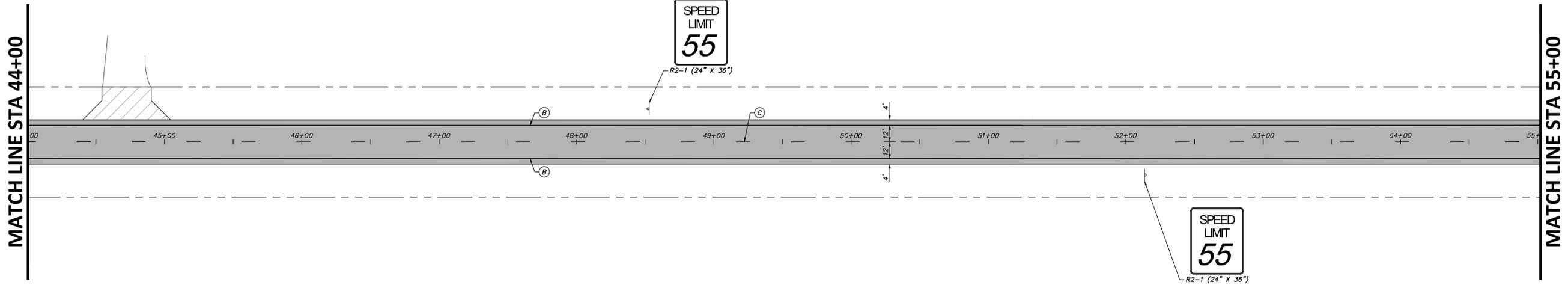
**WARNING TO CONTRACTOR:**  
CALL 811 (TEXAS 811) OR OTHER UTILITY LOCATING SERVICES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. DUNAWAY ASSOC., L.P. IS NOT RESPONSIBLE FOR KNOWING ALL EXISTING UTILITIES OR DEPICTING EXACT LOCATIONS OF UTILITIES ON DRAWINGS.

**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 BENCHMARKS.



- NOTES:
- INSTALL PAVEMENT MARKINGS AND SIGNAGE PER TEXAS MUTCD AND TxDOT STANDARDS AND DETAILS.
  - PAVEMENT MARKINGS TO FOLLOW ROADWAY ALIGNMENT STATIONING.
  - 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

AJA	DESIGNED
AJA	DRAWN
BWA	CHECKED

**MIDLAND COUNTY  
MIDLAND, TEXAS**

SCALE	HORIZ	1" = 40'
	VERT	N/A
	DATE	FEBRUARY 2023

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

STATE OF TEXAS  
BRIAN W. ADKINS  
100284  
PROFESSIONAL ENGINEER  
*Brian W. Adkins*  
PROJECT ENGINEER  
2-22-2023  
DATE

MIDLAND COUNTY PRECINCT 2  
SOUTH COUNTY ROAD 1040  
MIDLAND COUNTY, TEXAS  
**SIGNAGE AND PAVEMENT MARKINGS  
STA 44+00 TO 66+00**

DA PROJECT  
B006795.002  
SHEET  
**39**

FULL PATH: G:\Production\4000\006795\002\Civil\Drawings\Signage & Pavement Markings.dwg  
 FILENAME: SIGNAGE & PAVEMENT MARKINGS.dwg  
 PLOTTED BY: Brian Adams  
 PLOTTED AT: 11:35:55 AM









