



WARNING TO CONTRACTOR:

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

CRITICAL:

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

UTILITY RELOCATION NOTE:

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

STATE PLANE COORDINATE NOTE:

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

OFF-SITE BENCHMARK INFORMATION:

NSS BENCHMARK D 1061, A 2 INCH BRASS DISK IN CONCRETE STAMPED "D 1061 1956", LOCATED ALONG THE TEXAS AND PACIFIC RAILROAD, APPROXIMATELY 100 FEET WEST OF MILEPOST 546, 40 FEET SOUTHEAST OF THE NEAR RAIL AND 33 FEET NORTHWEST OF THE CENTERLINE OF HIGHWAY 80. HAVING AN NAVD88 ELEVATION OF 2,778.68 FEET.

BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR DETAILS

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.
- BEYOND ENGINEERING AND TESTING, LLC (BEYOND) HAS MADE AN INVESTIGATION OF SUBSURFACE SOIL CONDITIONS OF THE PROJECT SITE IN THEIR REPORT PROJECT NO. GT2101001, DATED APRIL 28, 2021, 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-106: A 5/8 INCH IRON ROD WITH RED CAP LOCATED APPROXIMATELY 900 FEET SOUTH OF THE CENTERLINE OF EAST COUNTY ROAD 86 AND APPROXIMATELY 65 FEET EAST OF THE CENTERLINE OF COUNTY ROAD 1130. BEING LOCATABLE BY NAD83 GRID COORDINATES N:10,703,919.63; E:1,785,021.72; HAVING AN ELEVATION OF 2753.04'
- CP-110: A 5/8 INCH IRON ROD WITH RED CAP LOCATED APPROXIMATELY 55 FEET NORTH OF THE CENTERLINE OF COUNTY ROAD 95, AND APPROXIMATELY 25 FEET EAST OF COUNTY ROAD 1130. BEING LOCATABLE BY NAD83 GRID COORDINATES N:10,700,643.13; E:1,785,818.08; HAVING AN ELEVATION OF 2768.76'
- CP-114: A 5/8 INCH IRON ROD WITH RED CAP LOCATED APPROXIMATELY 315 FEET NORTH OF FM 307, AND APPROXIMATELY 60 FEET EAST OF COUNTY ROAD 1130. BEING LOCATABLE BY NAD83 GRID COORDINATES N:10,698,303.02; E:1,786,505.54; HAVING AN ELEVATION OF 2772.74'

PROPOSED PLAN LEGEND	
	PROPOSED ROAD CENTERLINE
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	FULL-DEPTH ROADWAY SAWCUT
	FULL-DEPTH DRIVEWAY SAWCUT
	PROPOSED EDGE OF ASPHALT
	PROPOSED DITCH CENTERLINE
	PROPOSED PROFILE LEFT DITCH FLOW LINE
	PROPOSED PROFILE RIGHT DITCH FLOW LINE
	PROPOSED CULVERT
	PROPOSED ASPHALT
	PROPOSED CONCRETE
	PROPOSED DRIVEWAY BASE
	CONTROL POINT
	EASTING
	NORTHING
	ELEVATION
	CENTERLINE
	LEFT
	RIGHT
	POINT OF CURVATURE
	POINT OF CONTINUOUS CURVATURE
	POINT OF INTERSECTION
	POINT OF REVERSE CURVATURE
	POINT OF TANGENCY
	RADIUS
	EXISTING GRADE
	FLOWLINE
	MATCH EXISTING
	PROPOSED GRADE LINE
	POINT OF VERTICAL INTERSECTION

EXISTING CONDITIONS LEGEND	
	RIGHT-OF-WAY
	PROPERTY BOUNDARY
	ADJOINER
	ABSTRACT
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	EXISTING EDGE OF ASPHALT
	EXISTING CURB
	EXISTING FENCE
	EXISTING FLOODPLAIN BOUNDARY
	EXISTING AT&T
	EXISTING CABLE
	EXISTING COMMUNICATION
	EXISTING DRAINAGE PIPE
	EXISTING OVERHEAD ELECTRIC
	EXISTING UNDERGROUND ELECTRIC
	EXISTING FIBER-OPTIC CABLE
	EXISTING FORCE MAIN
	EXISTING GAS LINE
	EXISTING IRRIGATION
	EXISTING OVERHEAD LINES
	EXISTING UNDERGROUND PIPELINE
	EXISTING SANITARY SEWER
	EXISTING STORM DRAIN
	EXISTING TELEPHONE LINE
	EXISTING WATER LINE
	EXISTING SIGN
	EXISTING UTILITY SIGN
	EXISTING BOLLARD/FENCE POST
	EXISTING MAILBOX
	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 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
 PLOTTED BY: Amir Alshaykh
 PLOTTED DATE: 5/13/2024

NO.	REVISION	BY	DATE	CHECKED

AJA DESIGNED	MIDLAND COUNTY MIDLAND, TEXAS	SCALE
AJA DRAWN		HORIZ N/A
BWA CHECKED		VERT N/A
		DATE FEBRUARY 2024

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

Brian W. Adkins
 PROJECT ENGINEER
 FEBRUARY 16, 2024
 DATE

MIDLAND COUNTY PRECINCT 2	DA PROJECT B006800.003
NORTH COUNTY ROAD 1130 MIDLAND COUNTY, TEXAS	SHEET
GENERAL NOTES	1



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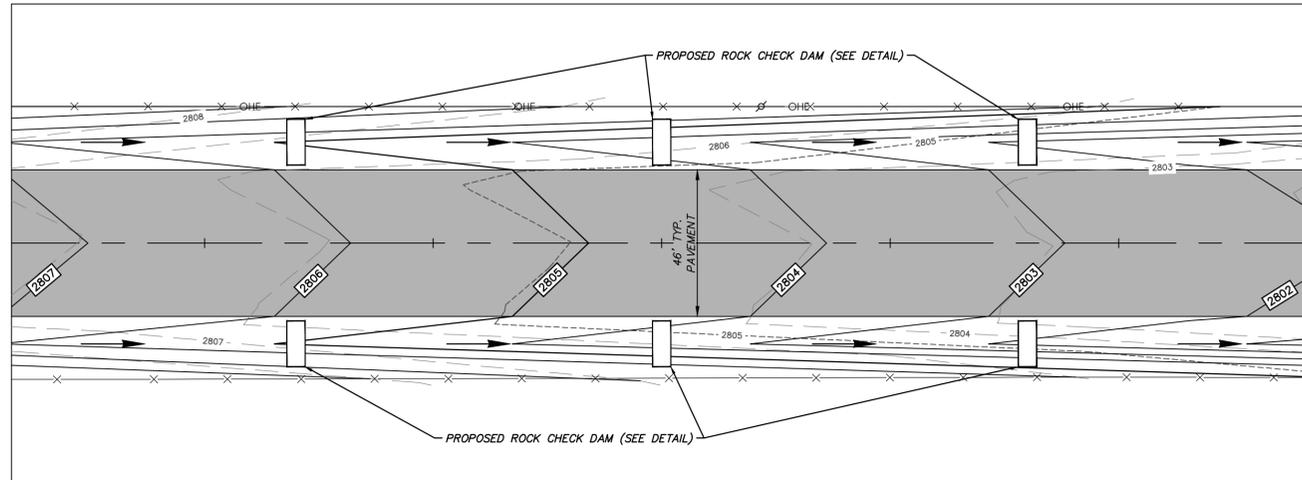
OFF-SITE BENCHMARK INFORMATION:

NGS BENCHMARK D 1061, A 2 INCH BRASS DISK IN CONCRETE STAMPED "D 1061 1956", LOCATED ALONG THE TEXAS AND PACIFIC RAILROAD, APPROXIMATELY 100 FEET WEST OF MILEPOST 546, 40 FEET SOUTHEAST OF THE NEAR RAIL AND 33 FEET NORTHWEST OF THE CENTERLINE OF HIGHWAY 80. HAVING AN NAVD83 ELEVATION OF 2,778.68 FEET.

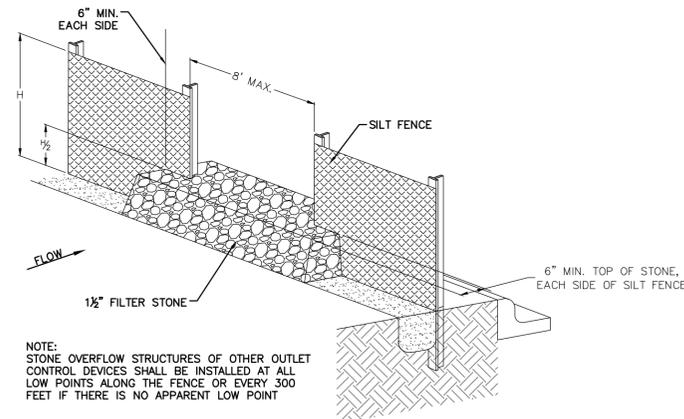
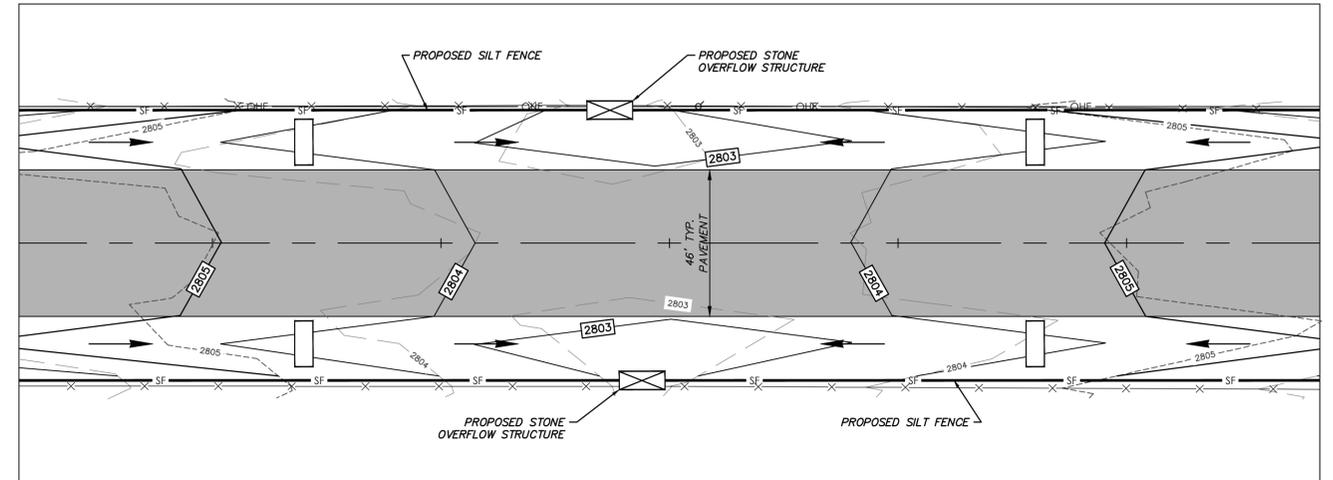
BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR DETAILS

TYPICAL EROSION CONTROL PLAN WITH ROADWAY DITCHES



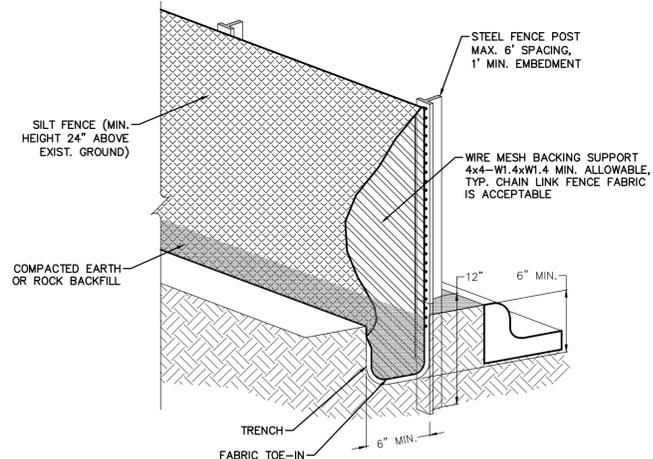
TYPICAL EROSION CONTROL PLAN WITH DRAINAGE EXITING R.O.W.



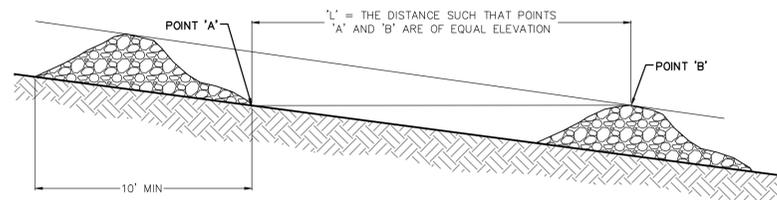
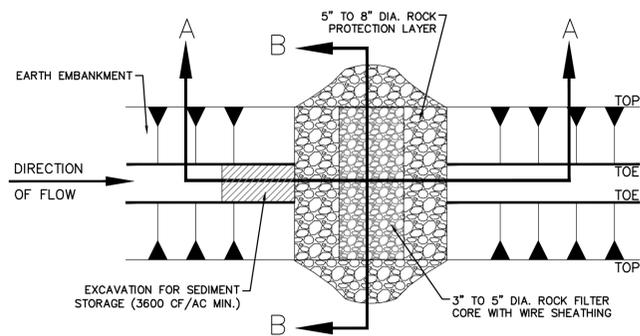
SILT FENCE STONE OVERFLOW STRUCTURE
NOT TO SCALE

SILT FENCE GENERAL NOTES:

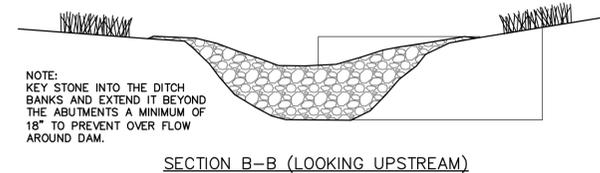
- STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF ONE FOOT.
- THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND 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.
- 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.
- 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.
- INSPECTION SHALL BE MADE EVERY TWO WEEKS AND AFTER EACH 1/2" RAINFALL. REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
- 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



SECTION A-A
ROCK CHECK DAM
NOT TO SCALE



SECTION B-B (LOOKING UPSTREAM)

NOTES:

- EROSION CONTROL MEASURES MAY ONLY BE PLACED IN FRONT OF INLETS, IN CHANNELS, DRAINAGEWAYS, OR BORROW DITCHES AT RISK OF CONTRACTOR.
- CONTRACTOR SHALL REMAIN LIABLE FOR ANY DAMAGE CAUSED BY THE MEASURES, INCLUDING FLOODING DAMAGE, WHICH MAY OCCUR DUE TO BLOCKED DRAINAGE.
- 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.

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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FILE NAME: 4006800.dwg
PLOTTER: Raster
PLOT DATE: 2/16/2024

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

MIDLAND COUNTY MIDLAND, TEXAS	SCALE
	HORIZ N/A
	VERT N/A
	DATE FEBRUARY 2024

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
BRIAN W. Adkins
FEBRUARY 16, 2024
DATE

MIDLAND COUNTY PRECINCT 2	DA PROJECT B006800.003
NORTH COUNTY ROAD 1130 MIDLAND COUNTY, TEXAS	SHEET 5
TYPICAL EROSION CONTROL	

FILE NAME: I:\DOT\DETAILS\DWG\DOT\MAILBOX\MB(4)-21.dwg
 PLOTTED BY: Brian Adkins
 PLOTTED DATE: 2/16/2024

DISCLAIMER: This report is prepared by the Texas Engineering Practicing Act. No warranty of any kind is made by the engineer for the use of the information contained herein for any purpose other than that for which it was prepared. The user assumes all liability for any and all consequences resulting from the use of this information.

TYPE	TYPE 1	TYPE 2	TYPE 3	TYPE 4	TYPE 5	TYPE 6
Configuration	Multiple	Single or Double	Single or Double	Double	Multiple	Single
Mailbox Size	Outside Position: S or M Inside Position: S, M, L, XL, or LA	Single: S, M, L, XL, or LA Double: SS, SM, MM	Single: S, M, L, XL Double: SS, SM, MM	S, M, L, XL, or LA	Outside Position: S or M Inside Position: S, M, L, or XL	S, or M
Mailbox Post	4505725254 (Galvanized Multiple)	45057561404 (Thin Walled Galvanized)	57044325108 (Wing Channel Post)	45057561107 (Thin walled white powder coated) 45057561057 (Recycled Rubber Post: S or M only)	45057257409 (White Powder Coated Multiple)	4x4 Timber
Post and Mailbox Hardware	45057259009 (Wedge) 45057256500 (V-Wing Socket) 45057253002 (Bracket Extension) 45057252251 (Mailbox Bracket) 45057258001 (Part A Angle Bracket x2) 45057250255 (Plate Washer for XL/LA x2) 45057250263 (L-Bracket for XL x4)	80130238407 (Wedge Anchor) 45057253002 (Bracket Extension) 45057252251 (Mailbox Bracket) 45057250255 (Plate Washer for XL/LA x2) 45057250263 (L-Bracket for XL x4)	45057541653 (Type 3 Double Mailbox Bracket) 45057252251 (Mailbox Bracket) 45057253002 (Bracket Extension) 45057258001 (Part A Angle Bracket) 45057250255 (Plate Washer for XL/LA x2) 45057250263 (L-Bracket for XL x4)	55083571053 (Wedge) 55083571004 (Socket) 45057253002 (Bracket Extension) 45057252251 (Mailbox Bracket) 45057250255 (Plate Washer for XL/LA x2) 45057250263 (L-Bracket for XL x4)	55083571053 (Wedge) 55083571004 (Socket) 45057253002 (Bracket Extension) 45057252251 (Mailbox Bracket) 45057250255 (Plate Washer for XL/LA x2) 45057250263 (L-Bracket for XL x4)	45057251055 Angle Bracket (x2)
Foundation Used	Class B Concrete (Required for LA Mailboxes)	Class B Concrete (Required for LA Mailboxes)	None	Class B Concrete (not used with recycled rubber post, required for LA Mailboxes)	Class B Concrete	None

NIGP #	OBJECT MARKERS AND CONFORMABLE SHEETING
5500831759	Type 2 OM 4"x4" (3 Needed) for Type 3 Wing Channel Post
55008312906	Type 2 OM 6"x12" (1 Needed) for Type 3 Wing Channel Post
80149872006	12" Conformable Reflective Yellow Sheeting for Flexible Posts

NOTES:

- Type 2 object marker in accordance with Traffic Engineering Standard Definitions & Object Markers.
- A light weight receptacle for newspaper delivery can be attached to mailbox posts. If the receptacle does not touch the mailbox, present a hazard to traffic or delivery of the mail, extend beyond the front of the mailbox, or display advertising, except the publication title.

BID CODES FOR CONTRACTS

MB(X) ASSM TY (XXX) (X)

Type of Mailbox:
 S - Single
 D - Double
 M - Multiple
 MP - Molded Plastic

Type of Post:
 WC - Winged Channel Post
 RR - Recycled Rubber
 TW - Thin Walled White Tubing
 TWG - Thin Walled Galvanized Tubing
 TM - Timber

Type of Foundation:
 Ty 1 - V-LOC
 Ty 2 - Wedge Anchor Steel System
 Ty 3 - Winged Channel Post
 Ty 4 - Wedge Anchor Plastic System
 Ty 5 - 4 x 4 Post

SHEET 4 OF 4

Texas Department of Transportation

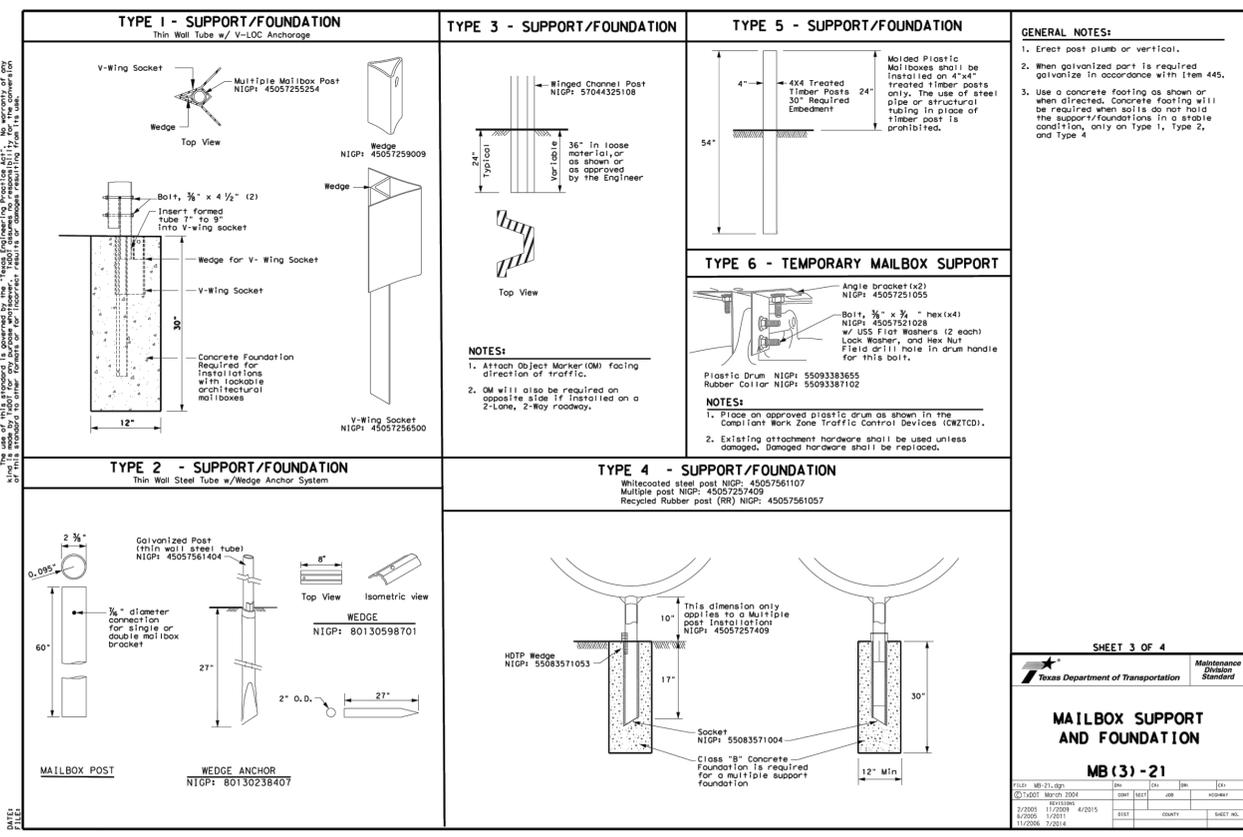
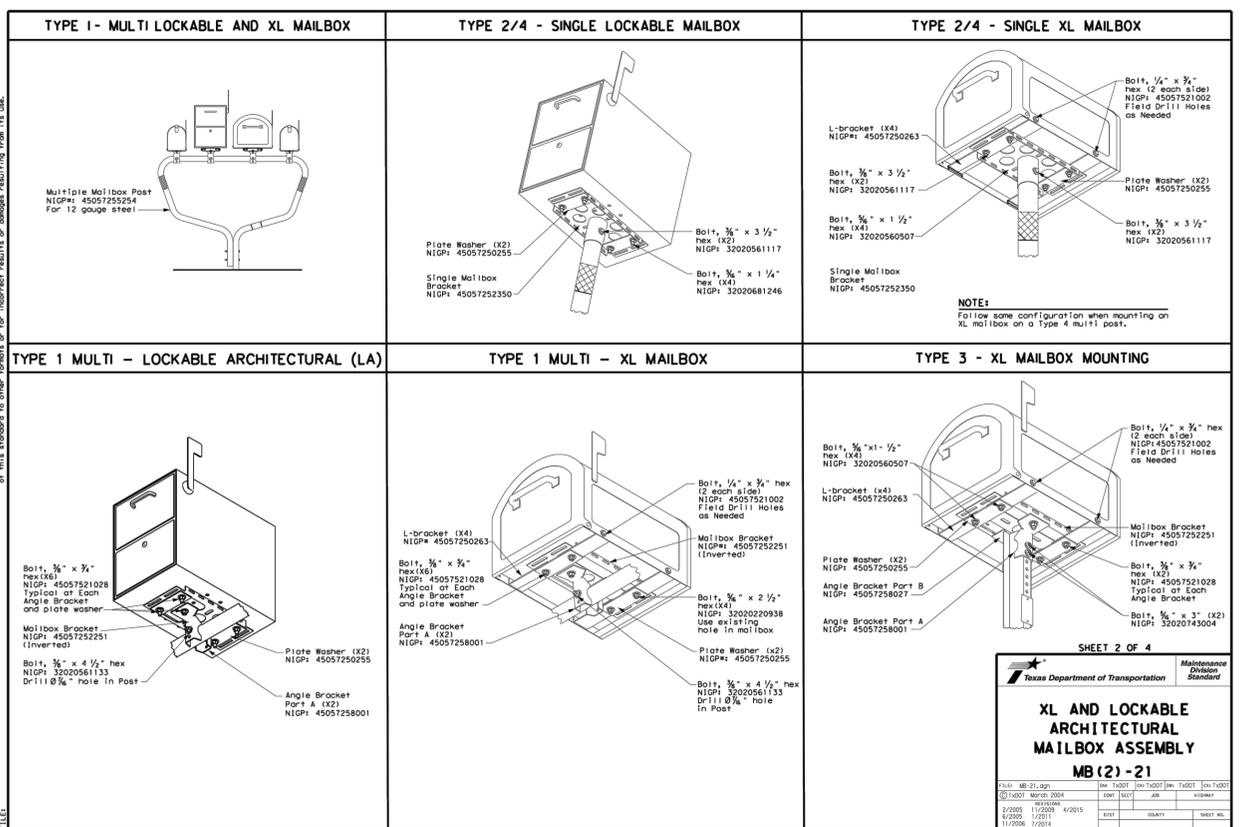
Maintenance Division

Standard

NIGP PARTS LIST AND COMPATIBILITY

MB (4) - 21

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SHEET 3 OF 4

Texas Department of Transportation

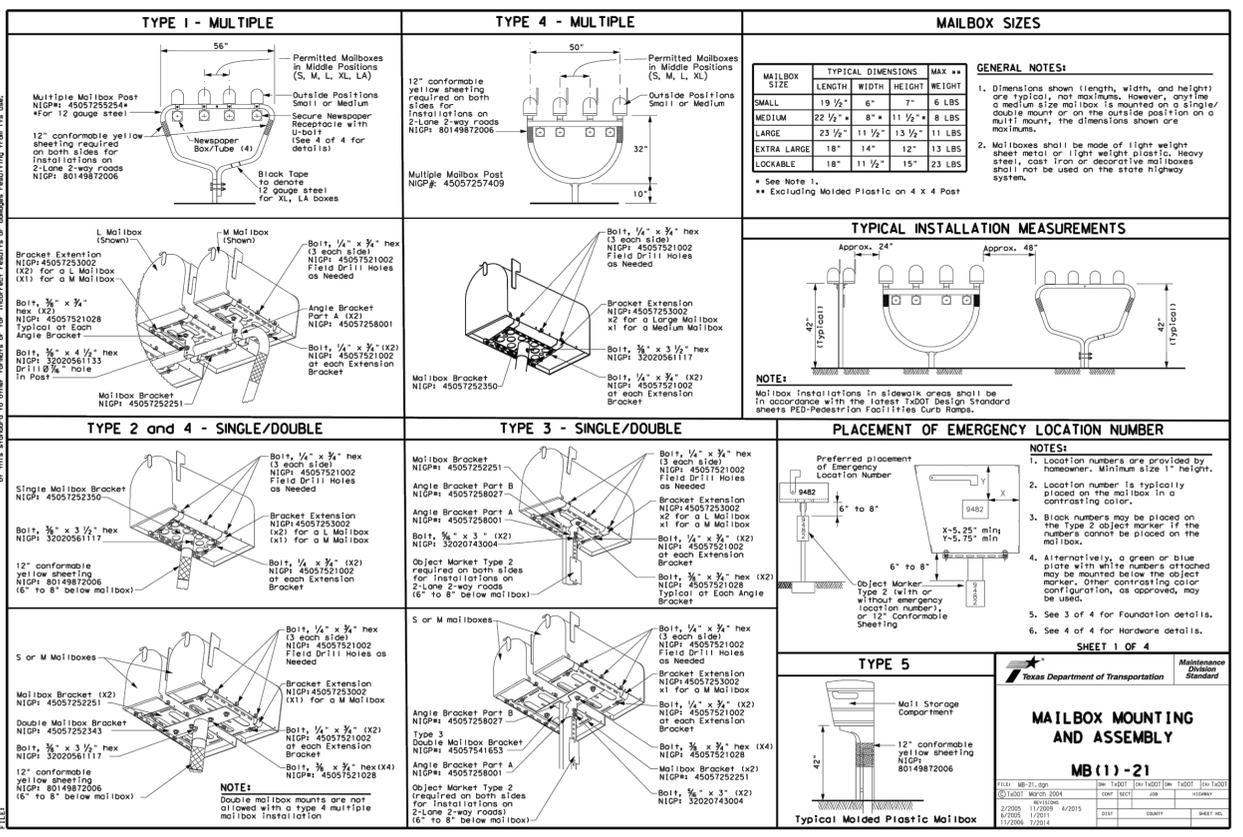
Maintenance Division

Standard

MAILBOX SUPPORT AND FOUNDATION

MB (3) - 21

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11/2006	7/2014	04	11/20/06	BA	BA		



SHEET 1 OF 4

Texas Department of Transportation

Maintenance Division

Standard

MAILBOX MOUNTING AND ASSEMBLY

MB (1) - 21

FILE	MB-21.dwg	REV	DATE	BY	CHK	APP	DATE
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02/05/05	1/2011	03	1/20/11	BA	BA		
11/2006	7/2014	04	11/20/06	BA	BA		

NO.	REVISION	BY	DATE	CHECKED

SCALE	HORIZ	VERT	DATE
N/A	N/A	N/A	FEBRUARY 2024

DUNAWAY

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

PROJECT ENGINEER
Brian W. Adkins
FEBRUARY 16, 2024
DATE

MIDLAND COUNTY PRECINCT 2
NORTH COUNTY ROAD 1130
MIDLAND COUNTY, TEXAS

DA PROJECT
B006800.003

SHEET
7

TxDOT MAILBOX DETAILS



WARNING TO CONTRACTOR:

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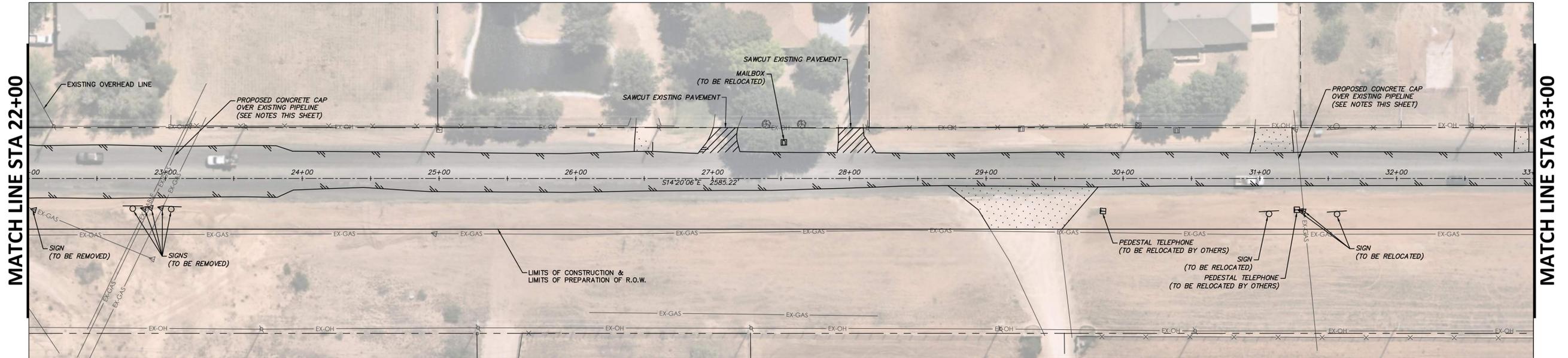
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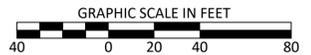
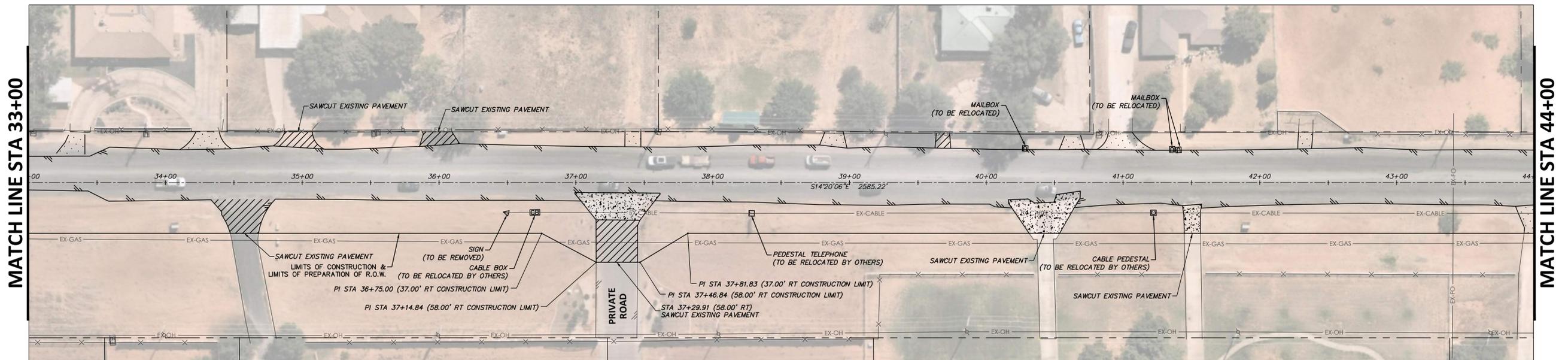
SEE GENERAL NOTES (SHEET 1) FOR DETAILS

NORTH COUNTY ROAD 1130



NOTE:

1. PIPELINE CONCRETE CAPS AND FLOWABLE BACKFILL ARE INTENDED TO BE INSTALLED ACROSS THE LIMITS OF CONSTRUCTION.
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.



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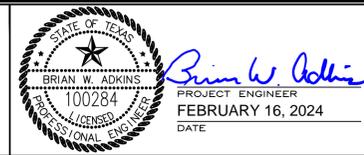
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AJA	DRAWN
BWA	BWA

**MIDLAND COUNTY
MIDLAND, TEXAS**

SCALE	1" = 40'
HORIZ	N/A
VERT	N/A
DATE	FEBRUARY 2024

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



MIDLAND COUNTY PRECINCT 2
NORTH COUNTY ROAD 1130
MIDLAND COUNTY, TEXAS
**OVERALL ROADWAY STATIONING
STA 22+00 TO 44+00**

DA PROJECT
B006800.003
SHEET
16



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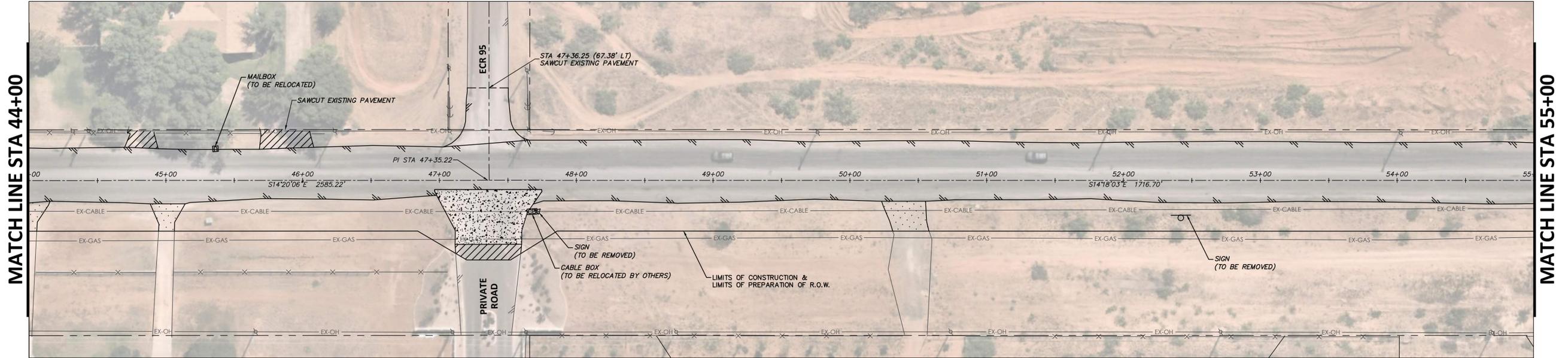
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BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR DETAILS

NORTH COUNTY ROAD 1130



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NO.	REVISION	BY	DATE	CHECKED

AJA	DESIGNED
AJA	DRAWN
BWA	BWA

**MIDLAND COUNTY
MIDLAND, TEXAS**

SCALE	HORIZ	1" = 40'
	VERT	N/A
	DATE	FEBRUARY 2024

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
 Brian W. Adkins
 FEBRUARY 16, 2024
 DATE

MIDLAND COUNTY PRECINCT 2
 NORTH COUNTY ROAD 1130
 MIDLAND COUNTY, TEXAS
**OVERALL ROADWAY STATIONING
 STA 44+00 TO 66+00**

DA PROJECT
 B006800.003
 SHEET
17



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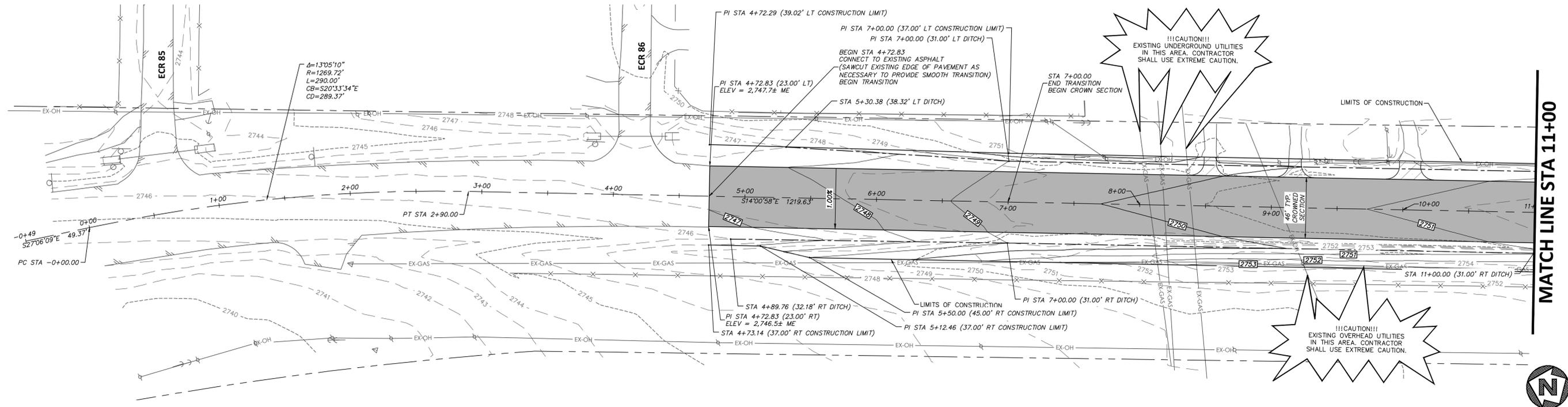
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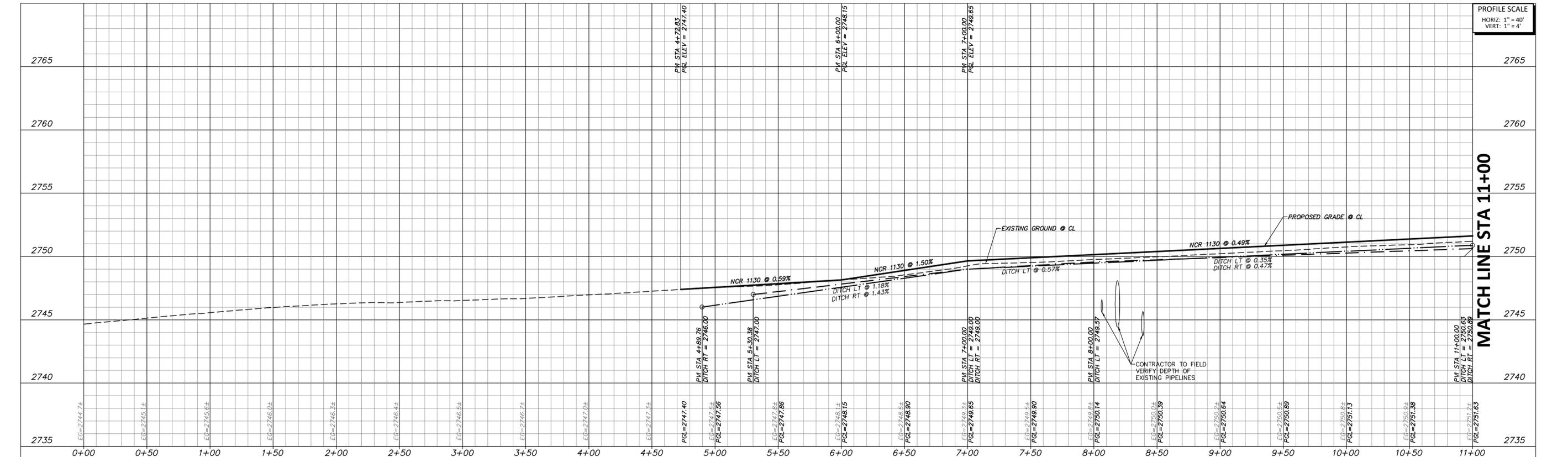
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BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR DETAILS



NORTH COUNTY ROAD 1130



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		AJA		DRAWN
		BWA		CHECKED

**MIDLAND COUNTY
MIDLAND, TEXAS**

SCALE
HORIZ
1" = 40'
VERT
1" = 4'
DATE
FEBRUARY
2024

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
10028
LICENSED PROFESSIONAL ENGINEER
PROJECT ENGINEER
BRIAN W. ADKINS
FEBRUARY 16, 2024
DATE

MIDLAND COUNTY PRECINCT 2
NORTH COUNTY ROAD 1130
MIDLAND COUNTY, TEXAS
**PLAN AND PROFILE
STA 0+00 TO 11+00**

DA PROJECT
B006800.003
SHEET
19



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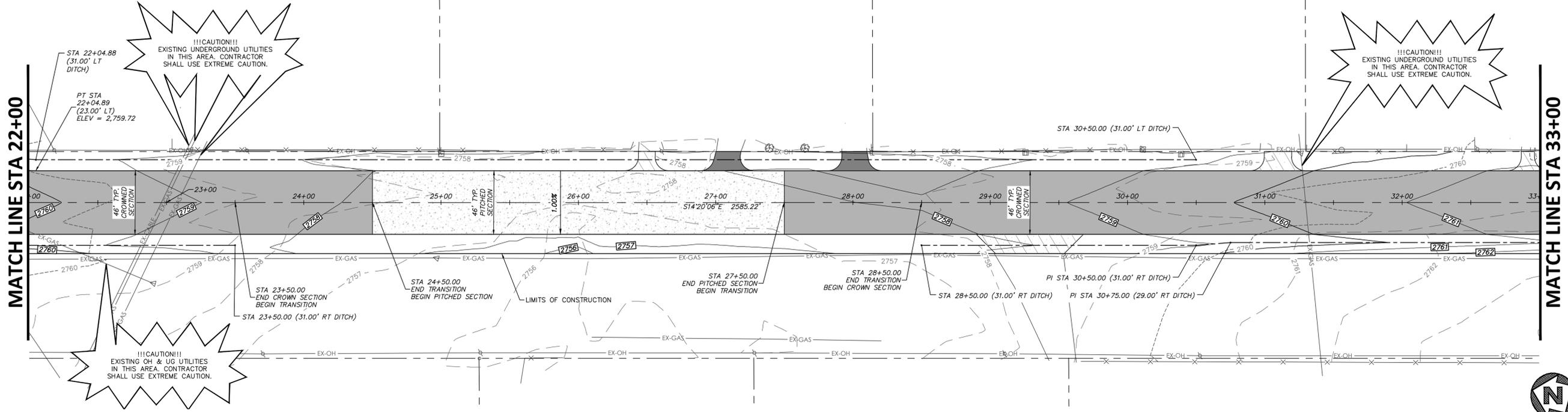
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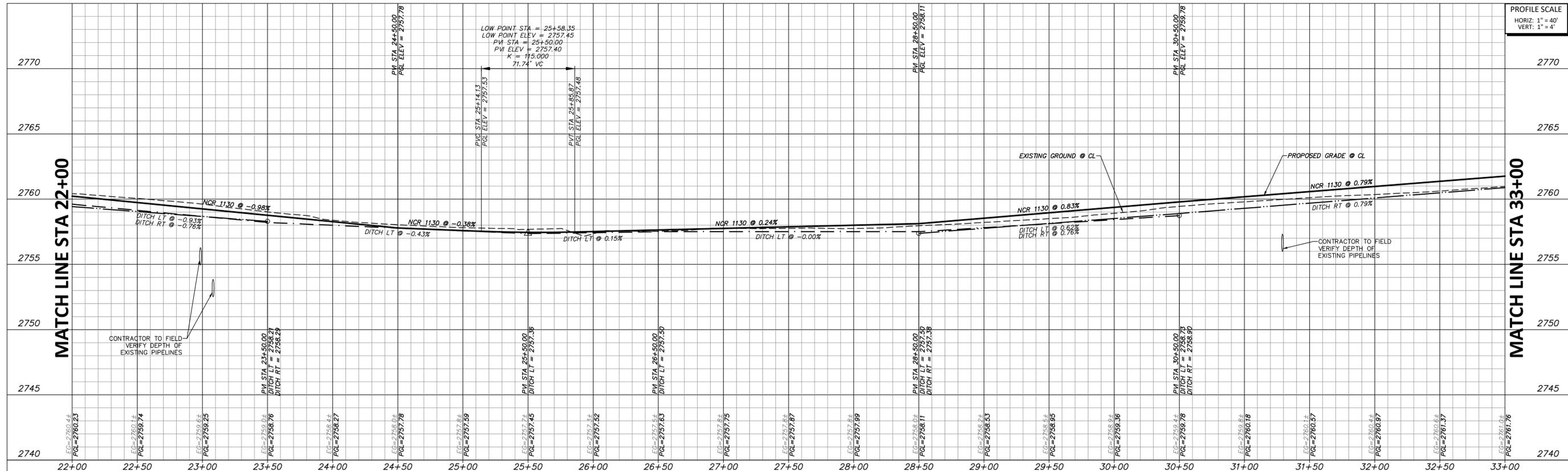
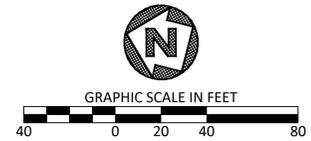
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SEE GENERAL NOTES (SHEET 1) FOR DETAILS



NORTH COUNTY ROAD 1130



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		AJA		DRAWN
		BWA		CHECKED

**MIDLAND COUNTY
MIDLAND, TEXAS**

SCALE
 HORIZ
 1" = 40'
 VERT
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 DATE
 FEBRUARY
 2024

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

STATE OF TEXAS
 10028
 B. W. Adkins
 PROJECT ENGINEER
 FEBRUARY 16, 2024
 DATE

MIDLAND COUNTY PRECINCT 2
 NORTH COUNTY ROAD 1130
 MIDLAND COUNTY, TEXAS
**PLAN AND PROFILE
 STA 22+00 TO 33+00**

DA PROJECT
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 SHEET
21



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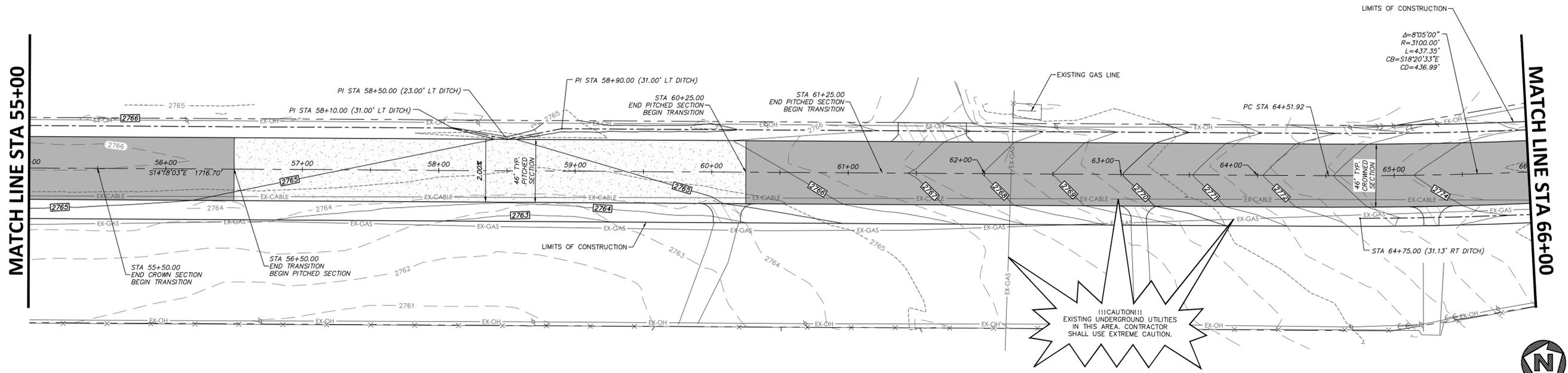
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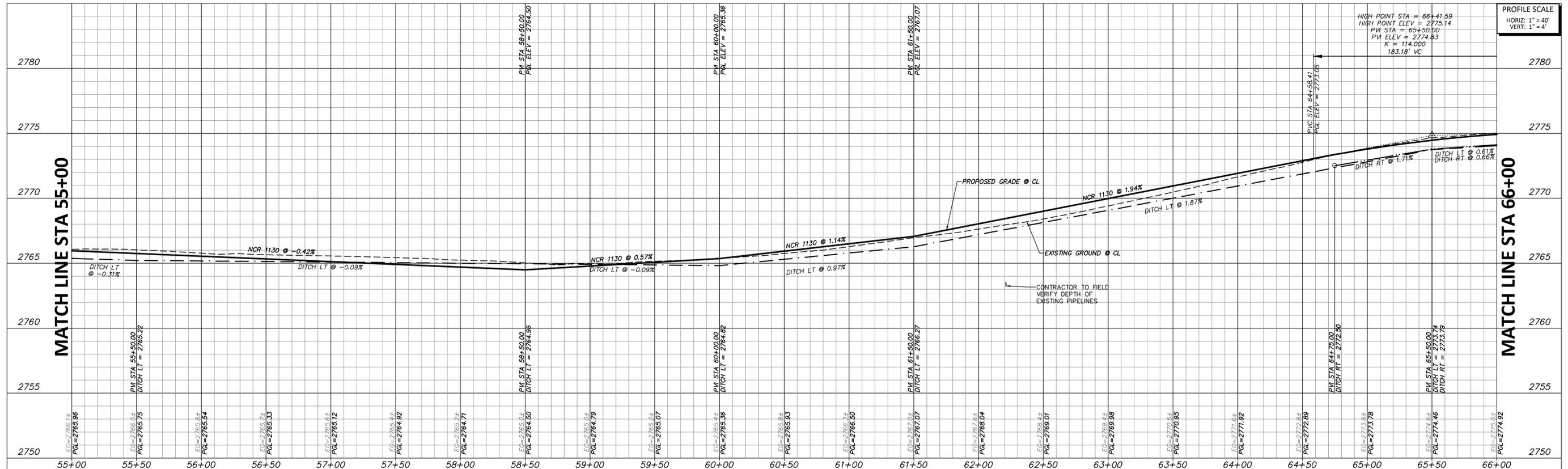
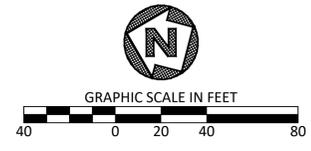
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SEE GENERAL NOTES (SHEET 1) FOR DETAILS



NORTH COUNTY ROAD 1130



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 PLOTTED BY: Brian W. Adkins
 PLOTTED DATE: 2/16/2024

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

**MIDLAND COUNTY
MIDLAND, TEXAS**

SCALE
HORIZ
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2024

DUNAWAY
4000 N. Big Spring Street • Suite 101 • Midland, Texas 79705
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BRIAN W. ADKINS
100284
LICENSED PROFESSIONAL ENGINEER
PROJECT ENGINEER
BRIAN W. ADKINS
FEBRUARY 16, 2024
DATE

MIDLAND COUNTY PRECINCT 2
NORTH COUNTY ROAD 1130
MIDLAND COUNTY, TEXAS
**PLAN AND PROFILE
STA 55+00 TO 66+00**

DA PROJECT
B006800.003
SHEET
24



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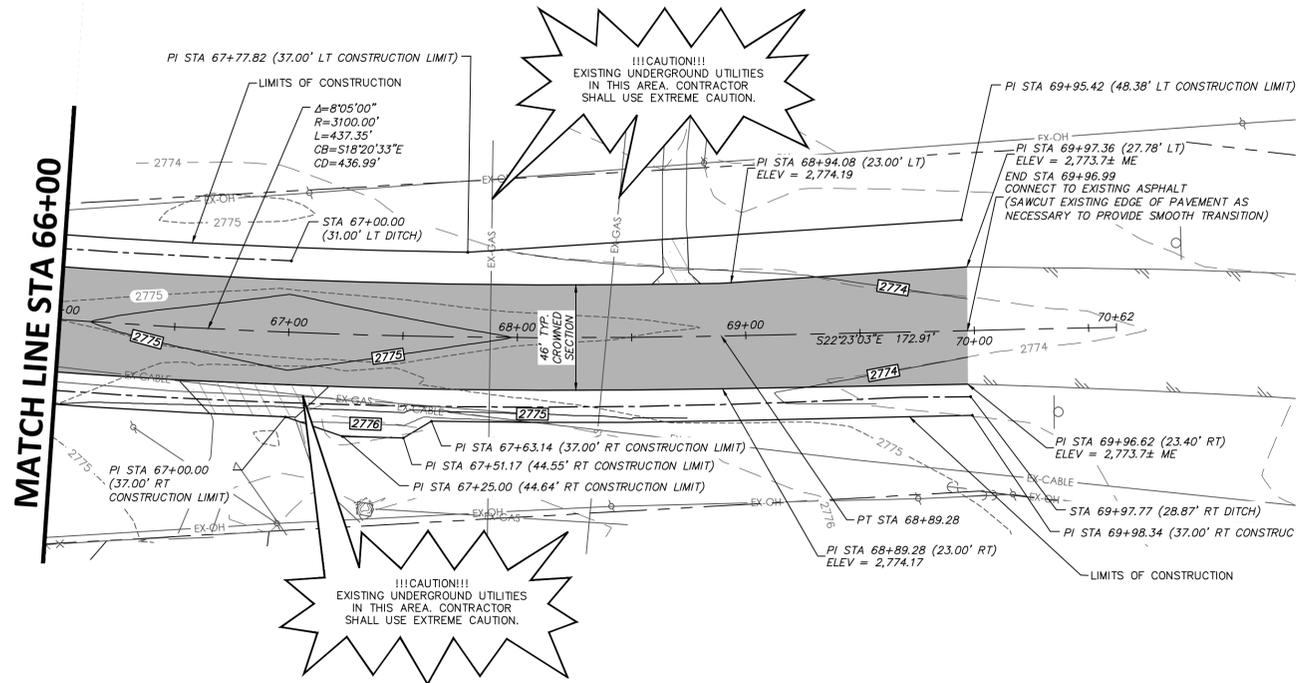
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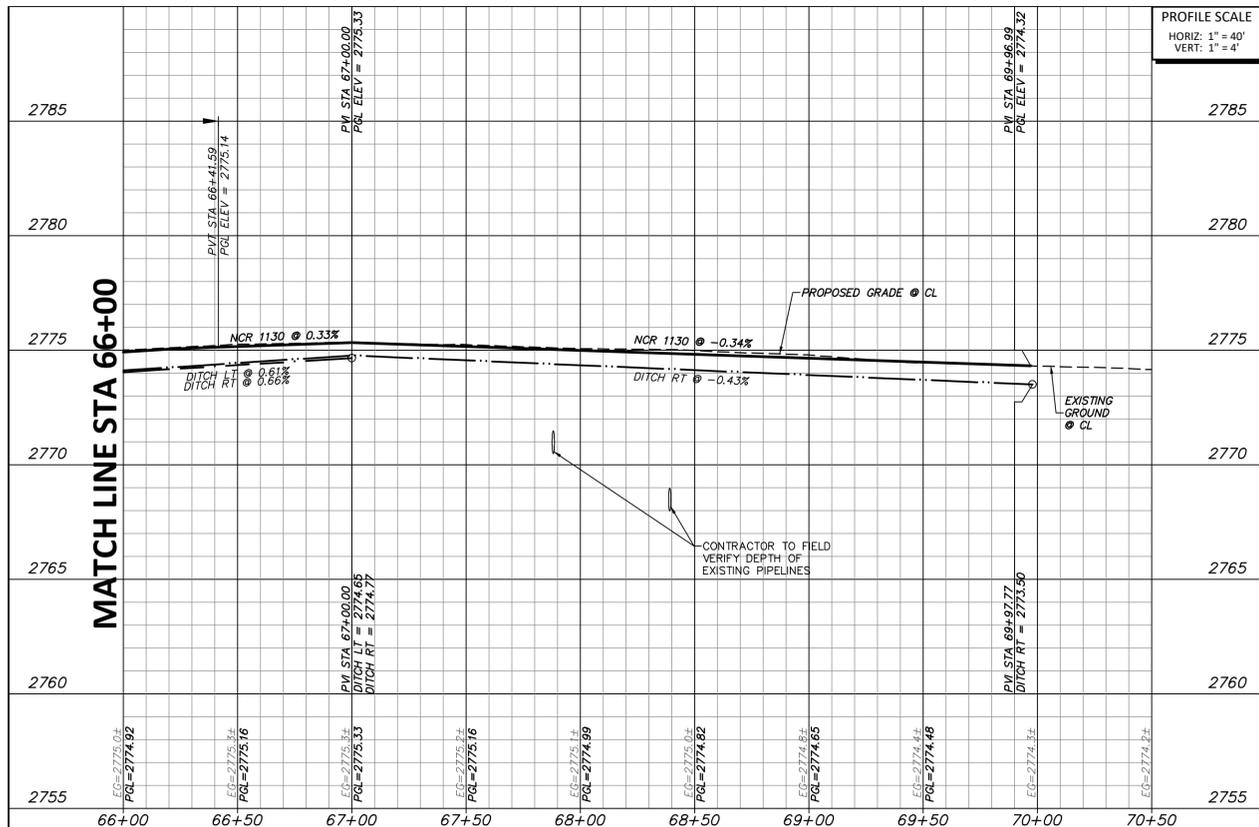
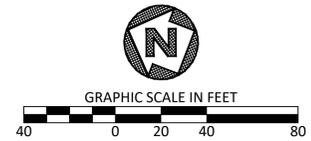
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NORTH COUNTY ROAD 1130



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NO.	REVISION	BY	DATE	CHECKED
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				DESIGNED
				AJA
				DRAWN
				BWA
				CHECKED

**MIDLAND COUNTY
MIDLAND, TEXAS**

SCALE
HORIZ
1" = 40'
VERT
1" = 4'
DATE
FEBRUARY
2024

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
FEBRUARY 16, 2024
DATE

MIDLAND COUNTY PRECINCT 2
NORTH COUNTY ROAD 1130
MIDLAND COUNTY, TEXAS
**PLAN AND PROFILE
STA 66+00 TO END**

DA PROJECT
B006800.003
SHEET
25



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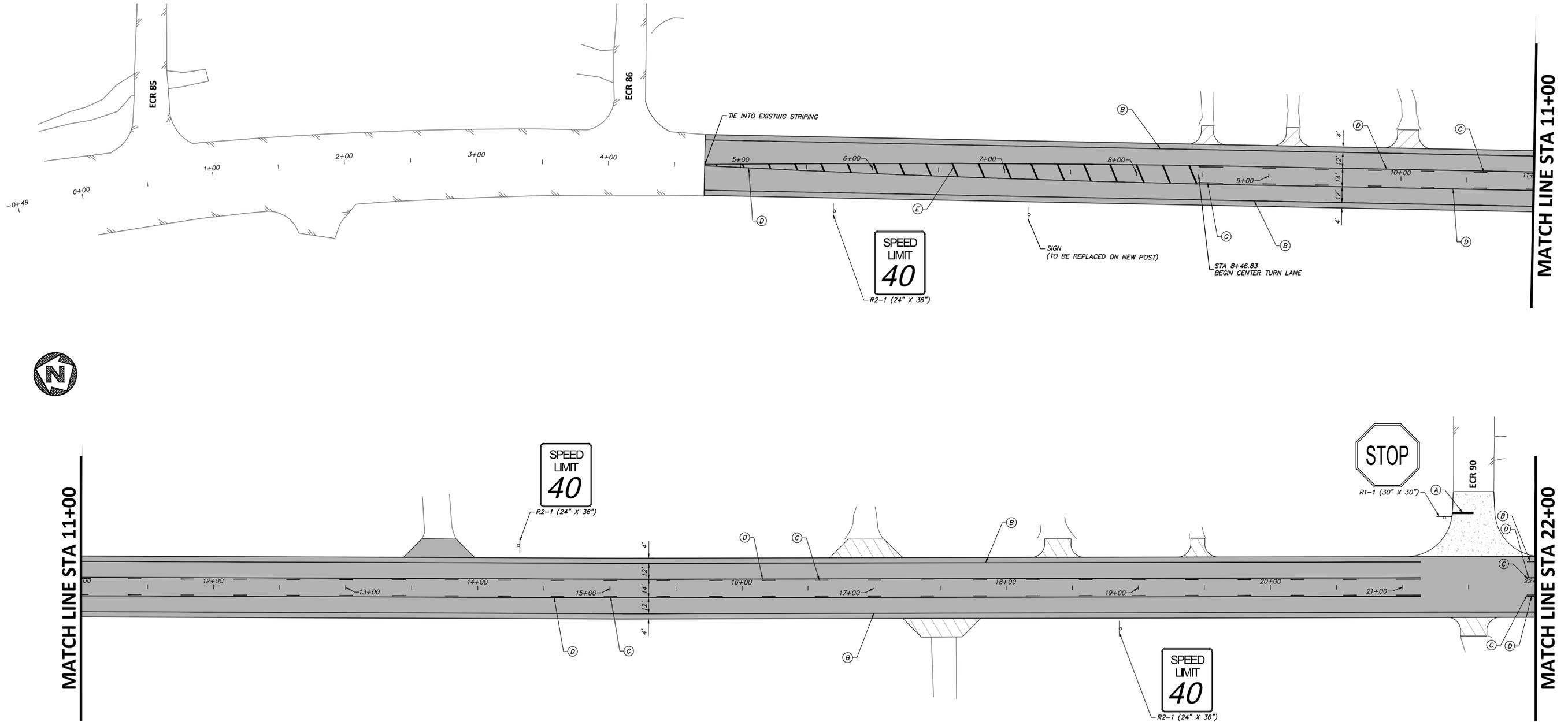
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BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR DETAILS

NORTH COUNTY ROAD 1130



MATCH LINE STA 11+00

MATCH LINE STA 22+00



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" (SOLID)
- (E) REFL PAV MRK (Y) 12" (SOLID)
- INSTALL ROADSIDE SIGN

NO.	REVISION	BY	DATE	CHECKED

AJA	DESIGNED
AJA	DRAWN
BWA	CHECKED

**MIDLAND COUNTY
MIDLAND, TEXAS**

SCALE	HORIZ	1" = 40'
	VERT	N/A
	DATE	FEBRUARY 2024

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
BRIAN W. ADKINS
FEBRUARY 16, 2024
DATE

MIDLAND COUNTY PRECINCT 2	DA PROJECT	006800.003
NORTH COUNTY ROAD 1130 MIDLAND COUNTY, TEXAS	SHEET	26
SIGNAGE AND PAVEMENT MARKINGS STA 0+00 TO 22+00		

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 FILENAME: SIGNAGE & PAVEMENT MARKINGS.dwg
 PLOTTED BY: Brian Adkins
 PLOTTED DATE: 2/21/24 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 WRES, TELEPHONE UTILITIES, ETC. ARE FOUND TO BE IN CONFLICT WITH THESE CONSTRUCTION PLANS, THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANY AND COORDINATE THE RELOCATION OF ANY/OR ALL SUCH UTILITIES (NO SPECIAL PAY).

STATE PLANE COORDINATE NOTE:

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

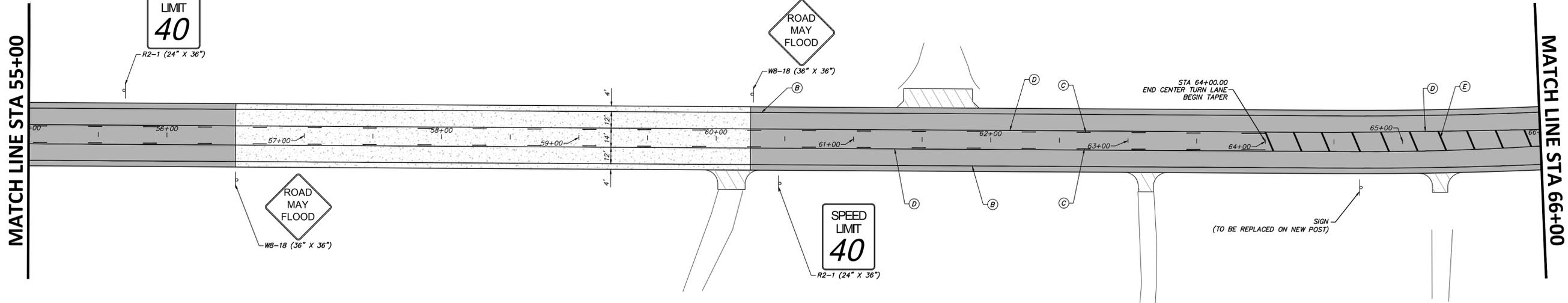
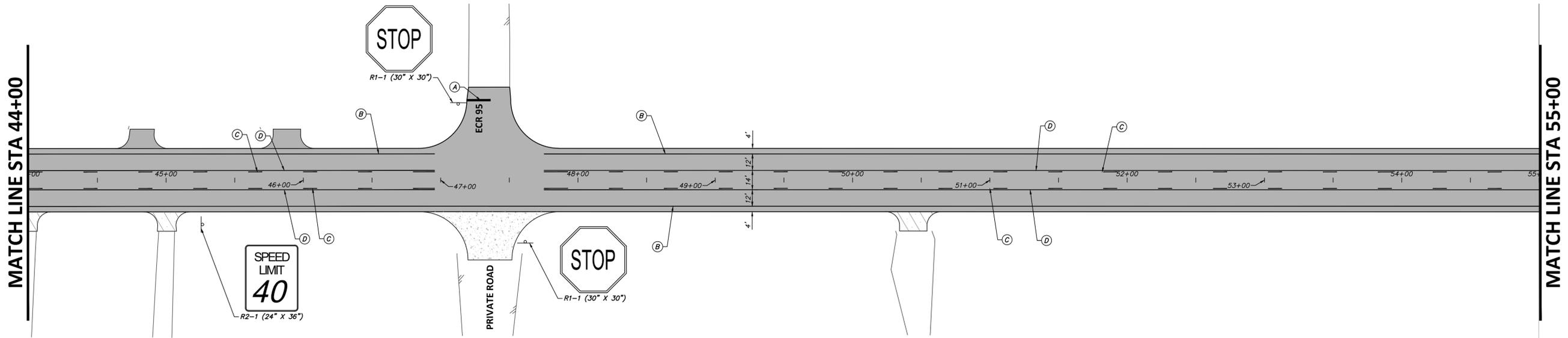
OFF-SITE BENCHMARK INFORMATION:

NGS BENCHMARK D 1061, A 2 INCH BRASS DISK IN CONCRETE STAMPED "D 1061 1956", LOCATED ALONG THE TEXAS AND PACIFIC RAILROAD, APPROXIMATELY 100 FEET WEST OF MILEPOST 546, 40 FEET SOUTHEAST OF THE NEAR RAIL AND 33 FEET NORTHWEST OF THE CENTERLINE OF HIGHWAY 80. HAVING AN NAVD88 ELEVATION OF 2,778.68 FEET.

BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR DETAILS

NORTH COUNTY ROAD 1130



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—	INSTALL ROADSIDE SIGN

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PROJECT ENGINEER
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MIDLAND COUNTY PRECINCT 2
NORTH COUNTY ROAD 1130
MIDLAND COUNTY, TEXAS

**SIGNAGE AND PAVEMENT MARKINGS
STA 44+00 TO 66+00**

DA PROJECT
B006800.003

SHEET
28

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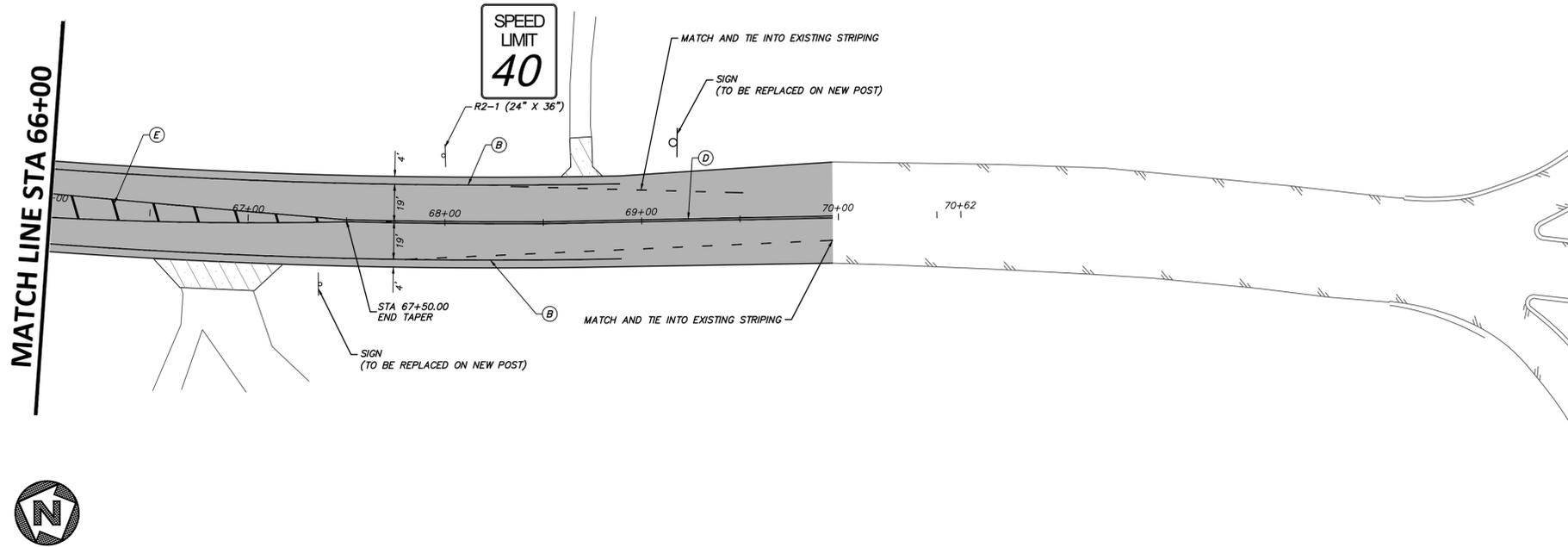
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NORTH COUNTY ROAD 1130



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NORTH COUNTY ROAD 1130 MIDLAND COUNTY, TEXAS	SHEET
SIGNAGE AND PAVEMENT MARKINGS STA 66+00 TO END	29

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 PLOTTED AT: 11:25:11 AM