



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.

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 & TESTING HAS MADE AN INVESTIGATION OF SUBSURFACE SOIL CONDITIONS OF THE PROJECT SITE IN THEIR REPORT PROJECT NO. GT2101001, DATED MARCH 31, 2021, AND IS REFERENCED IN THE CONSTRUCTION DOCUMENTS AS "GEO TECHNICAL 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 PROVIDING A TRAFFIC CONTROL AND SEQUENCING PLAN. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ROAD AND DRIVEWAY CLOSURES WITH THE OWNER AND AUTHORITIES HAVING JURISDICTION.
- TRAFFIC CONTROL AND SEQUENCING PLAN MUST BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD PRIOR TO COMMENCEMENT OF CONSTRUCTION. 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.
- 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 NEAR THE INTERSECTION OF COUNTY ROAD 1291 AND COUNTY ROAD 39. APPROXIMATELY 35 FEET EAST OF THE CENTERLINE OF COUNTY ROAD 1291. BEING LOCATABLE BY NAD83 GRID COORDINATES N:10,707,797.74'; E:1,695,297.69'. HAVING AN ELEVATION OF 2899.94'.
- CP-102: A 5/8 INCH IRON ROD WITH RED CAP LOCATED APPROXIMATELY 30 FEET NORTH OF COUNTY ROAD 30 AND APPROXIMATELY 440 FEET WEST OF WALDROP AVENUE. BEING LOCATABLE BY NAD83 GRID COORDINATES N:10,711,748.81'; E:1,690,891.67'. HAVING AN ELEVATION OF 2910.06'.
- CP-103: A 5/8 INCH IRON ROD WITH RED CAP LOCATED APPROXIMATELY 30 FEET EAST OF COUNTY ROAD 1294 AND APPROXIMATELY 200 FEET SOUTH OF COUNTY ROAD 35. BEING LOCATABLE BY NAD83 GRID COORDINATES N:10,709,295.18'; E:1,693,359.24'. HAVING AN ELEVATION OF 2899.31'.

OFF-SITE BENCHMARKS:

USGS BENCHMARK 13 ALS, A 2 INCH BRASS CAP STAMPED 13 ALS 1965, LOCATED AT THE NORTH CORNER OF THE INTERSECTION OF STATE HWY 158 AND COUNTY ROAD 60 APPROXIMATELY 70 FEET NORTHEAST OF THE CENTERLINE OF STATE HWY 158, AND APPROXIMATELY 40 FEET NORTHWEST OF THE CENTERLINE OF COUNTY ROAD 60, HAVING AN ADJUSTED NAVD83 ELEVATION OF 2,871.30 FEET (PUBLISHED NGVD29 ELEVATION IS 2,870.08)

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 ROADWAY ASPHALT
	PROPOSED DRIVEWAY ASPHALT
	PROPOSED CONCRETE
	PROPOSED DRIVEWAYS 8 INCHES FLEXIBLE 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	
	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 VALVE
	EXISTING GAS METER
	EXISTING PEDESTAL GAS
	EXISTING GUY WIRE
	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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**MIDLAND COUNTY
MIDLAND, TEXAS**

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

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



MIDLAND COUNTY PRECINCT 4
YEAR 1 - CLUSTER 1 ROADS
MIDLAND COUNTY, TEXAS

GENERAL NOTES

DA PROJECT B006794.001
SHEET **1**



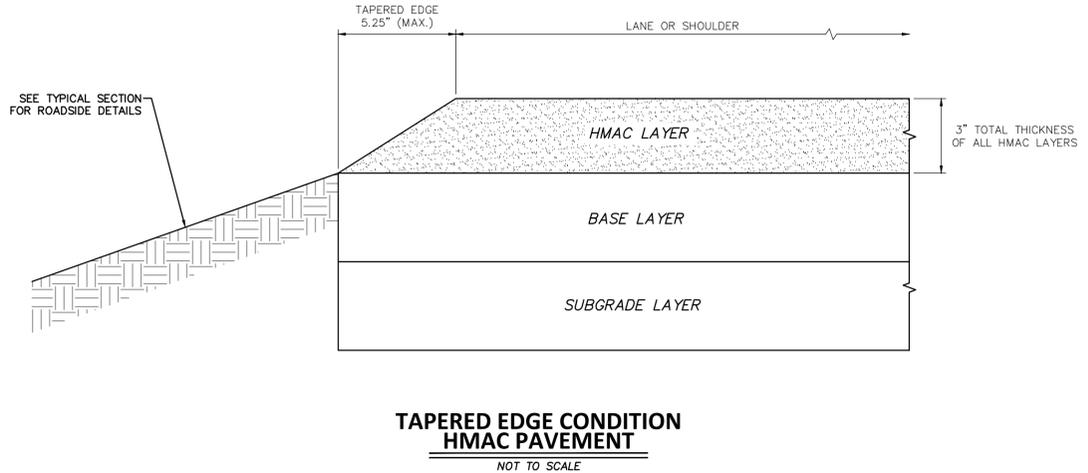
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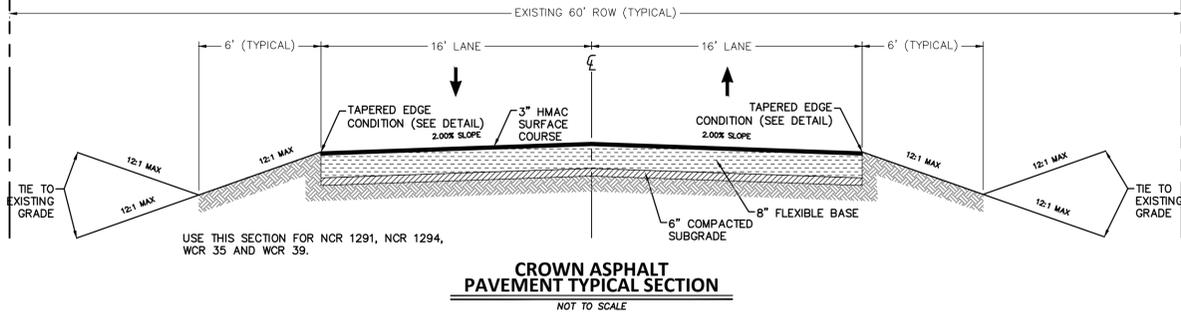
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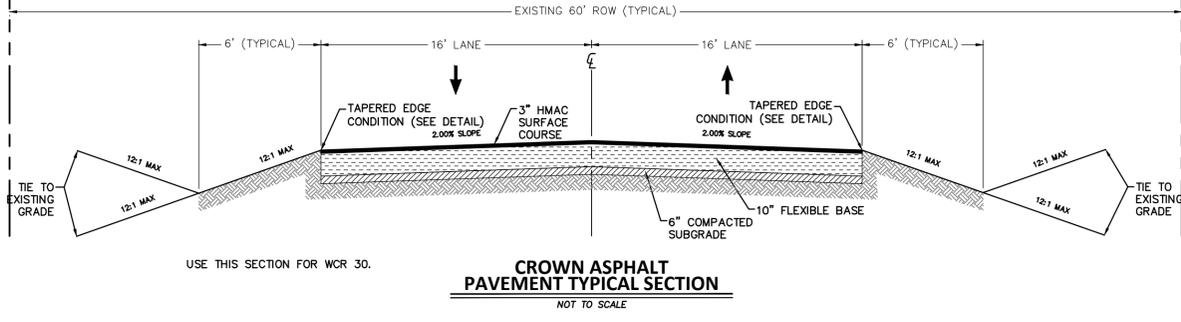


TAPERED EDGE CONDITION HMAC PAVEMENT
NOT TO SCALE

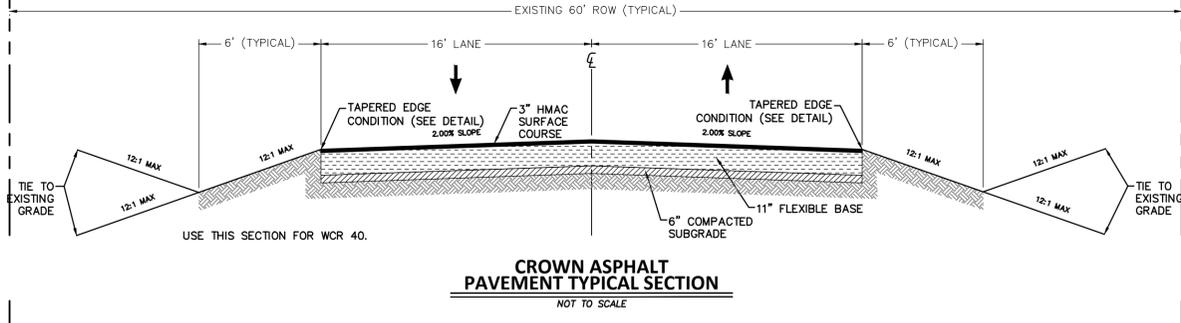
- NOTES:
1. SELECT NON-EXPANSIVE FILL SHALL MEET ONE OF THE FOLLOWING SOIL CLASSIFICATIONS: SC-SM, SM, SC, GC, OR GW-GC, POSSESS A PLASTICITY INDEX, PI, OF NO MORE THAN 15, AND SHALL NOT POSSESS PARTICLE SIZES GREATER THAN 3-INCHES. NATIVE SUBGRADE SOILS MAY BE USED AS SELECT FILL PROVIDED ADDITIONAL TESTING IS PERFORMED DURING CONSTRUCTION TO VERIFY MATERIAL SUITABILITY. SELECT FILL SHALL BE PLACED IN LOOSE LIFTS NOT EXCEEDING 8-INCHES AND SHALL BE COMPACTED TO AT LEAST 98% OF ASTM D698 WITH MOISTURE CONTENT $\pm 2\%$ OF OPTIMUM OR COHESIVE SOILS AND WITHIN $\pm 3\%$ OF OPTIMUM FOR COHESIONLESS SOILS.
 2. SUBGRADE SOILS BENEATH PAVEMENTS SHALL BE SCARIFIED TO AT LEAST 6 INCHES, COMPACTED, THEN PROOF-ROLL TESTED WITH A LOADED TANDEM-AXLE DUMP TRUCK OR WATER TRUCK OF 25 TONS OR HEAVIER. THE PROOF-ROLL TEST IS CONSIDERED PASSING IF SOIL DEFLECTIONS ARE LESS THAN 1/2-INCH. WHEN USING THE PROOF-ROLLED METHOD, 100% COVERAGE OVER THE ROADWAY WITH A MINIMUM OF 2 PASSES PER AREA IS RECOMMENDED. SUBGRADE DENSITY SHALL BE GREATER THAN 98% OF ASTM D698 WITH MOISTURE CONTENT $\pm 2\%$ OF OPTIMUM FOR COHESIVE SOILS AND WITHIN $\pm 3\%$ OF OPTIMUM FOR COHESIONLESS SOILS. IF SELECT FILL IS USED FOR SUBGRADE, IT SHALL BE TESTED USING THE NUCLEAR DENSITY METHOD, TESTING FREQUENCY OF ONE TEST PER 500 LINEAR FEET OF ROADWAY.
 3. PROPOSED FLEXIBLE BASE MATERIAL SHALL BE CRUSHED ROCK CONFORMING TO TXDOT STANDARD SPECIFICATION ITEM NO. 247, GRADE 1-2 OR BETTER. THE FLEXIBLE BASE MATERIAL SHALL BE INSTALLED IN FOUR TO SIX (4"-6") INCH COMPACTED LIFTS. ADDITIONALLY THE FLEXIBLE BASE MATERIAL IN EACH LIFT SHALL BE COMPACTED TO A MINIMUM OF 95 PERCENT OF THE MATERIAL'S MAXIMUM DENSITY AS PER ASTM D1557 WITH MINIMUM MOISTURE CONTENT OF $\pm 2\%$. ONE TEST SHALL BE PERFORMED EVERY 300 LINEAR FEET OF ROADWAY, APPROXIMATELY ONE TEST EVERY 10,000-12,000 SQUARE FEET OF AREA PER LIFT.
 4. PRIME COAT SHALL BE PER TXDOT ITEM 310 SPECIFICATIONS.
 5. PROPOSED ASPHALT IS A TYPE D HMAC THAT SHALL MEET TXDOT ITEM 340 SPECIFICATIONS.
 6. THESE NOTES AS SHOWN ABOVE ARE PER THE GEOTECHNICAL ASSESSMENT PREPARED BY BEYOND E&T, WHICH SHALL BE REFERENCED FOR ADDITIONAL INFORMATION AND SPECIFICATIONS. ANY SUBSEQUENT REVISIONS TO THIS ASSESSMENT SHALL GOVERN.
 7. THE PROPOSED FINISHED GRADE OF ROADWAY IN LOW WATER CROSSING AREAS SHALL MATCH THE EXISTING TOP OF PAVEMENT OR CALICHE UNLESS SPECIFIED OTHERWISE ON THE CORRESPONDING PLAN & PROFILE SHEETS.
 8. THE TAPERED EDGE CONDITION AT THE EDGE OF PAVEMENT SHALL BE AS SHOWN IN THE TAPERED EDGE CONDITION HMAC PAVEMENT DETAIL. THE SLOPE OF THE TAPERED EDGE SHALL BE 1.75H:1V, WHICH IS 5.25" FOR 3" OF HMAC PAVEMENT. THIS TAPERED EDGE CONDITION SHALL APPLY AT ALL LOCATIONS FOR ALL TYPICAL SECTIONS.



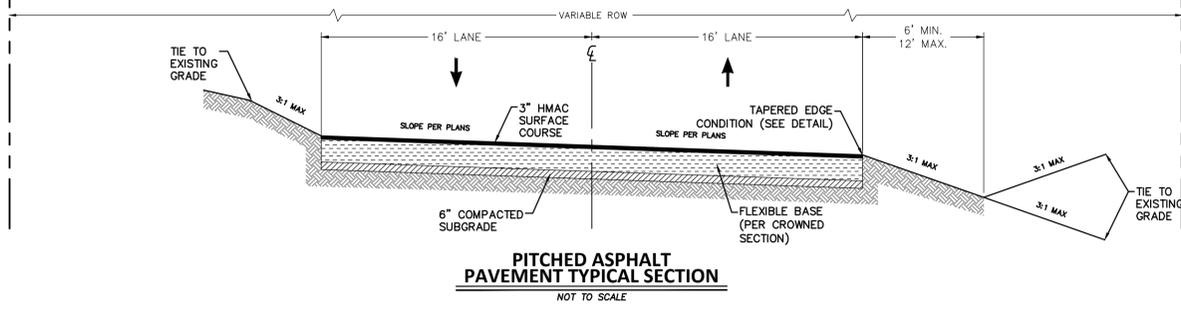
CROWN ASPHALT PAVEMENT TYPICAL SECTION
NOT TO SCALE



CROWN ASPHALT PAVEMENT TYPICAL SECTION
NOT TO SCALE



CROWN ASPHALT PAVEMENT TYPICAL SECTION
NOT TO SCALE



PITCHED ASPHALT PAVEMENT TYPICAL SECTION
NOT TO SCALE

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**MIDLAND COUNTY
MIDLAND, TEXAS**

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

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

MIDLAND COUNTY PRECINCT 4
YEAR 1 - CLUSTER 1 ROADS
MIDLAND COUNTY, TEXAS

TYPICAL ASPHALT SECTIONS

DA PROJECT: B006794.001
SHEET: 2



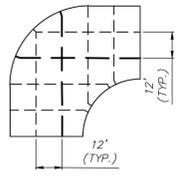
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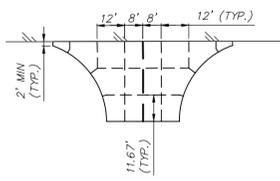
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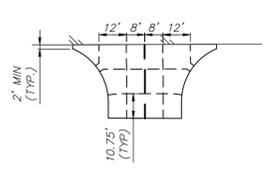
BENCHMARK:
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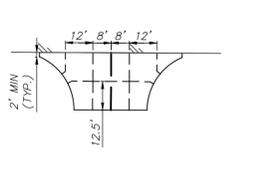
INTERSECTION AT WCR 39 & NCR 1291
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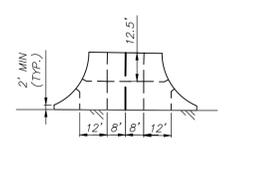
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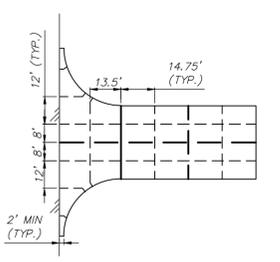
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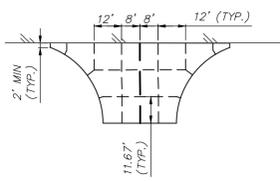
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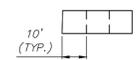
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INTERSECTION AT WCR 40 & FM 1788
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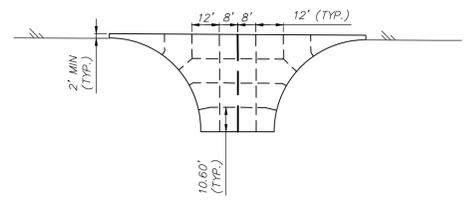


INTERSECTION AT NCR 1294 (S) & WCR 40
NOT TO SCALE

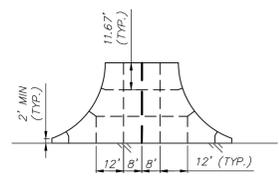


NOTE: CONTRACTOR TO INSTALL 1" DIAMETER, EPOXY COATED, 2' LONG, SMOOTH DOWELS DRILLED 6" TO 12" INTO EXISTING CONCRETE AT 18" OC SPACING.

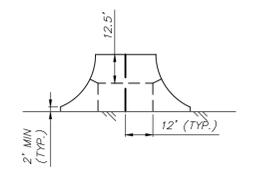
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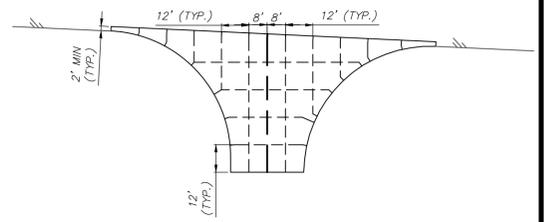
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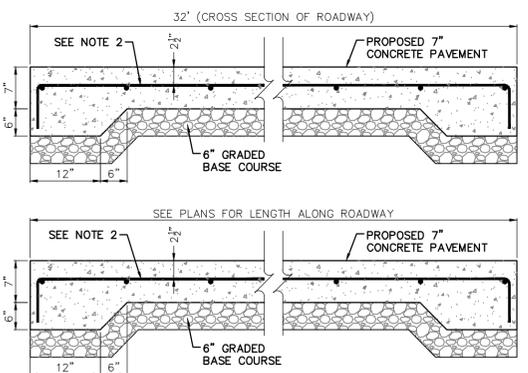
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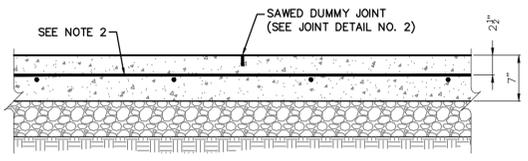
INTERSECTION AT WCR 40 & NCR 1297
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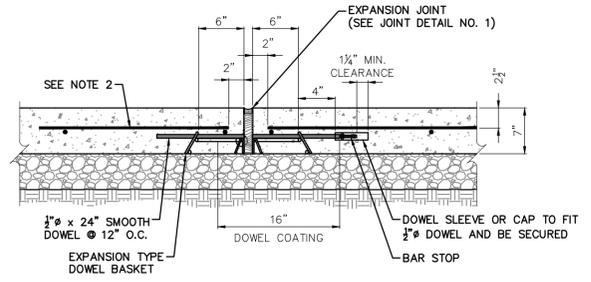
INTERSECTION AT WCR 40 & FM 1788
NOT TO SCALE



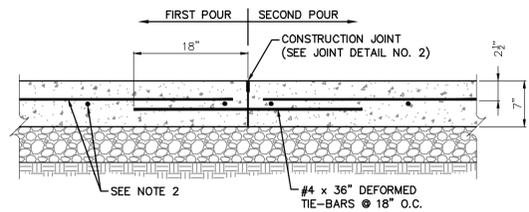
CONCRETE PAVEMENT TYPICAL SECTION
NOT TO SCALE



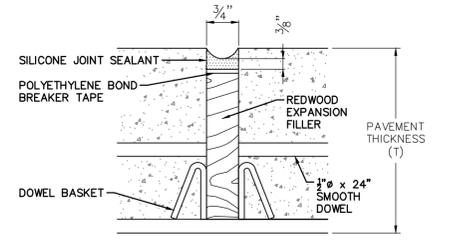
SAWED DUMMY JOINT
NOT TO SCALE



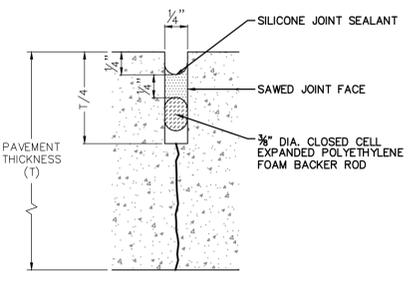
EXPANSION JOINT
NOT TO SCALE



CONSTRUCTION JOINT
NOT TO SCALE

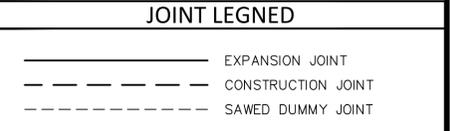


JOINT DETAIL NO. 1
NOT TO SCALE



JOINT DETAIL NO. 2
NOT TO SCALE

- PAVEMENT AND JOINT NOTES:**
- CONCRETE SHALL BE CLASS "A" AND SHALL HAVE A MINIMUM OF 5 SACKS OF CEMENT PER CUBIC YARD AND A MINIMUM 28 DAY COMPRESSION STRENGTH OF 3000 P.S.I.
 - REINFORCEMENT SHALL BE #4 BARS AT 18" ON CENTER EACH WAY.
 - FOR DEFORMED BAR SPLICES, LAP BARS 40 DIAMETERS AND TIE.
 - ALL DOWELS TO BE PLACED AT T/2.
 - EXPANSION JOINTS TO BE PLACED AS SHOWN NOT TO EXCEED 100' SPACING.
 - CONSTRUCTION AND SAWED DUMMY JOINTS SHALL ALTERNATE EVERY 12' MAXIMUM BETWEEN EXPANSION JOINTS, OR AS SHOWN. ROADWAY CENTERLINE SHALL BE A CONSTRUCTION JOINT.
 - SAWCUT FOR CONSTRUCTION JOINTS SHALL BE DONE BETWEEN 4 AND 8 HOURS OF POUR OR AS SOON AS CONCRETE CAN SUPPORT WEIGHT. PROVIDE A NEAT CUT WHICH IS TRUE IN ALIGNMENT.
 - CONSTRUCTION JOINTS SHALL BE REQUIRED AT THE END OF A DAY'S WORK, UNLESS IT ENDS AT AN EXPANSION JOINT.
 - ALL CONSTRUCTION JOINTS SHALL BE CLEANED OF DEBRIS, BLOWN DRY, AND IMMEDIATELY SEALED.
 - ALL JOINTS ARE TO CONTINUE THROUGH THE CURB.
 - RADIAL JOINTS SHALL BE NO SHORTER THAN 18".
 - ODD SHAPED PANELS SHALL BE REINFORCED WITH #3 BARS AT 18" EACH WAY; AN ODD SHAPED PANEL IS CONSIDERED TO BE ONE IN WHICH THE SLAB TAPERS TO A SHARP ANGLE WHEN THE LENGTH TO WIDTH RATIO EXCEEDS 3 TO 1 OR WHEN A SLAB IS NEITHER SQUARE NOR RECTANGULAR.



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NO.	REVISION	BY	DATE	CHECKED
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		JLB		
		DRAWN		
		JLB		

**MIDLAND COUNTY
MIDLAND, TEXAS**

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

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



MIDLAND COUNTY PRECINCT 4
 YEAR 1 - CLUSTER 1 ROADS
 MIDLAND COUNTY, TEXAS

TYPICAL CONCRETE SECTION

DA PROJECT B006794.001
 SHEET 3



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).

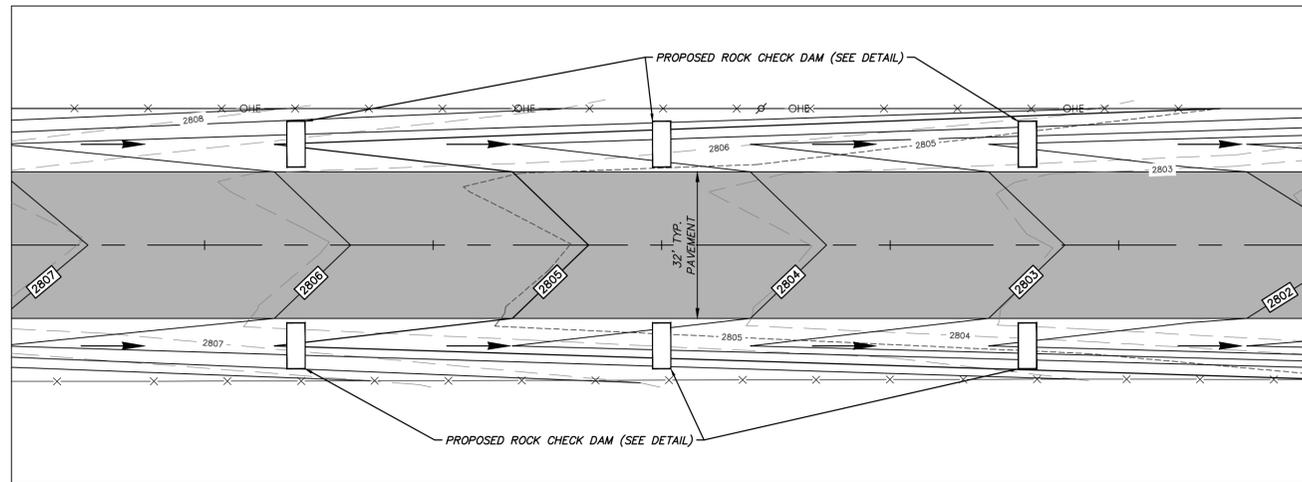
STATE PLANE COORDINATE NOTE:

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

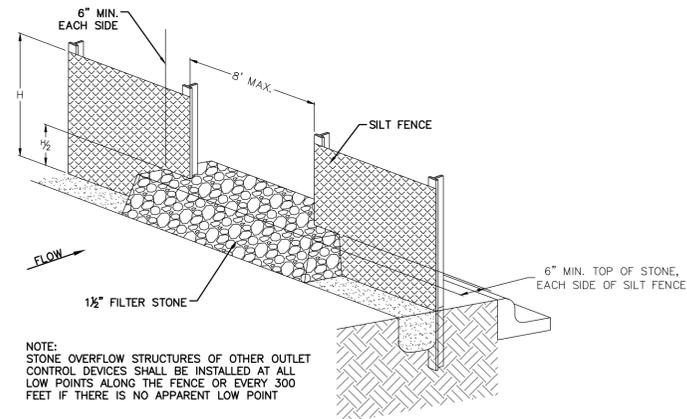
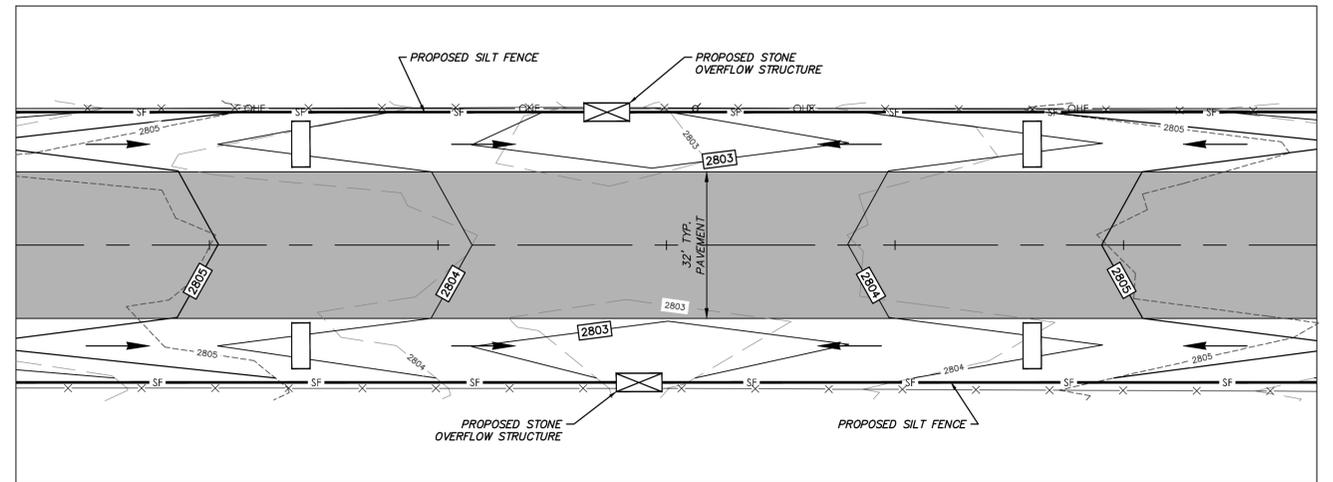
BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

TYPICAL EROSION CONTROL PLAN WITH ROADWAY DITCHES



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

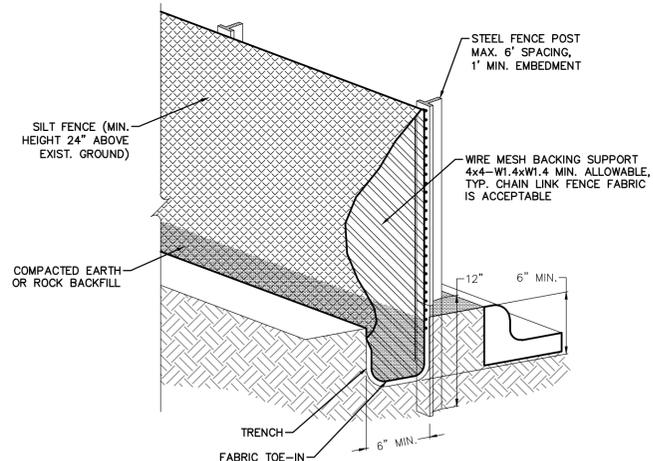


SILT FENCE STONE OVERFLOW STRUCTURE

NOT TO SCALE

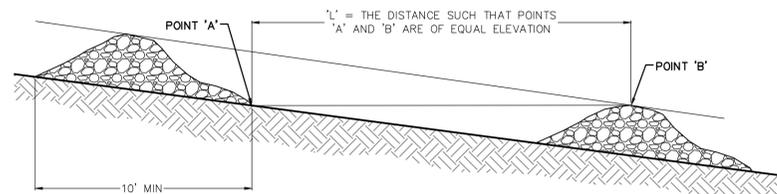
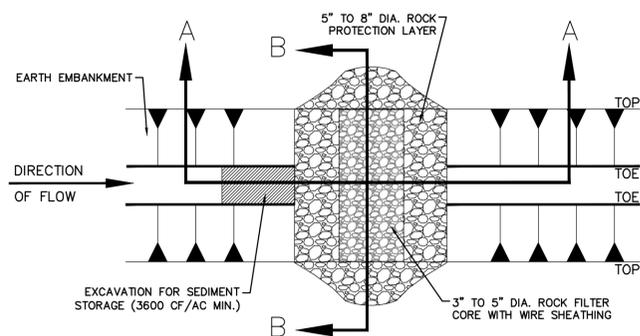
SILT FENCE GENERAL NOTES:

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

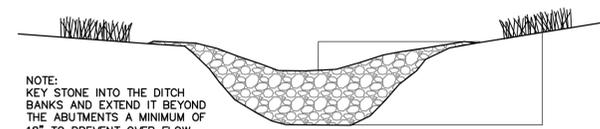
NOT TO SCALE



SECTION A-A

ROCK CHECK DAM

NOT TO SCALE



SECTION B-B (LOOKING UPSTREAM)

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.

EROSION CONTROL LEGEND

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

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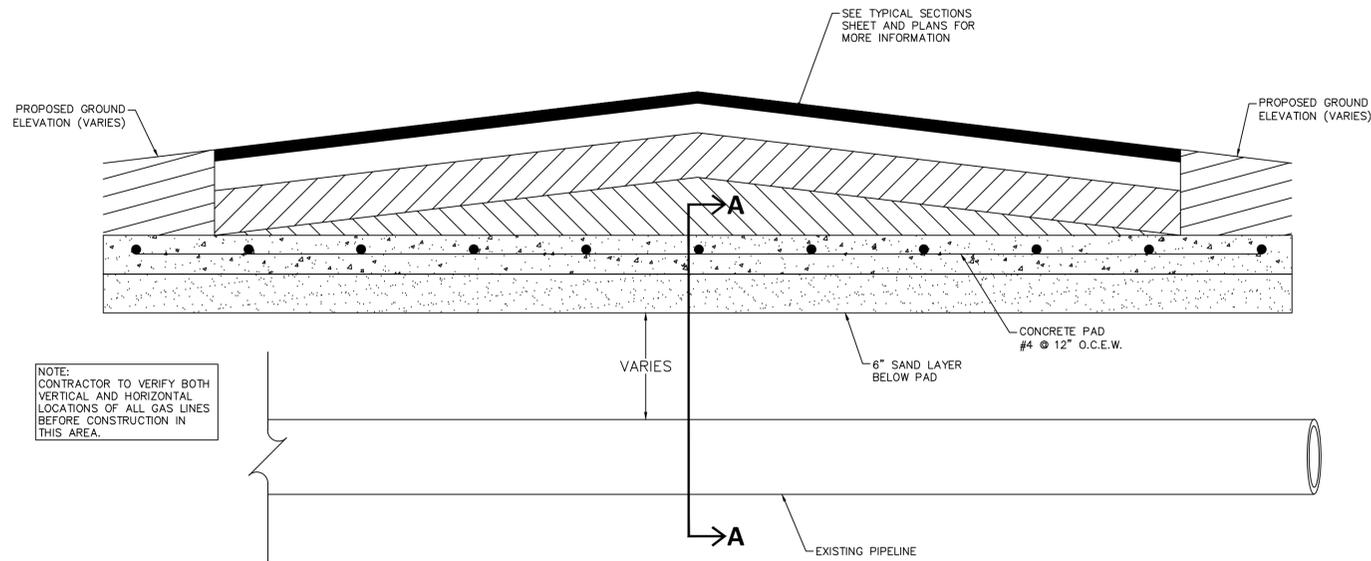
**MIDLAND COUNTY
MIDLAND, TEXAS**

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

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 Tel: 432.699.4889
 [TX REG. F-1114]

STATE OF TEXAS
 102960
 BENJAMIN L. BERRY
 LICENSED PROFESSIONAL ENGINEER
 01/10/22

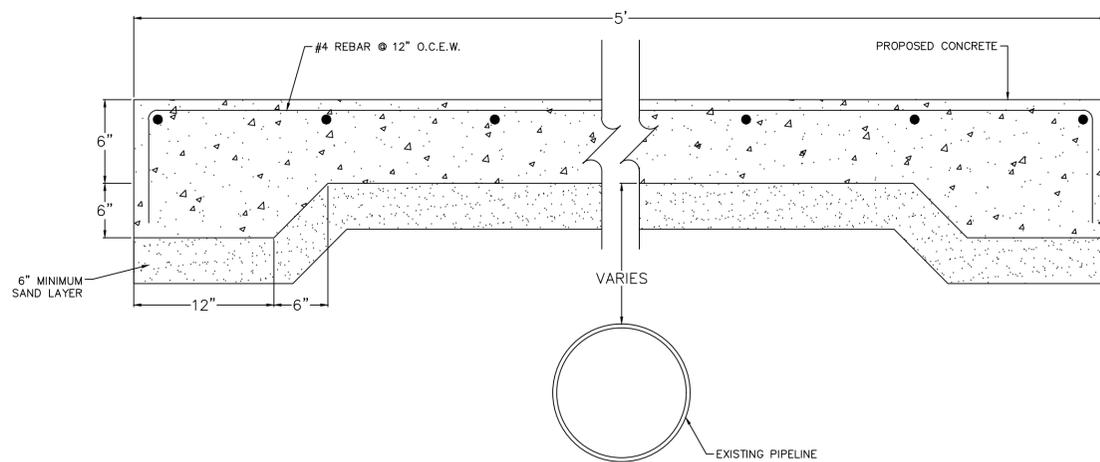
MIDLAND COUNTY PRECINCT 4	DA PROJECT B006794.001
YEAR 1 - CLUSTER 1 ROADS MIDLAND COUNTY, TEXAS	SHEET
EROSION CONTROL PLAN	4



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

NOTES:

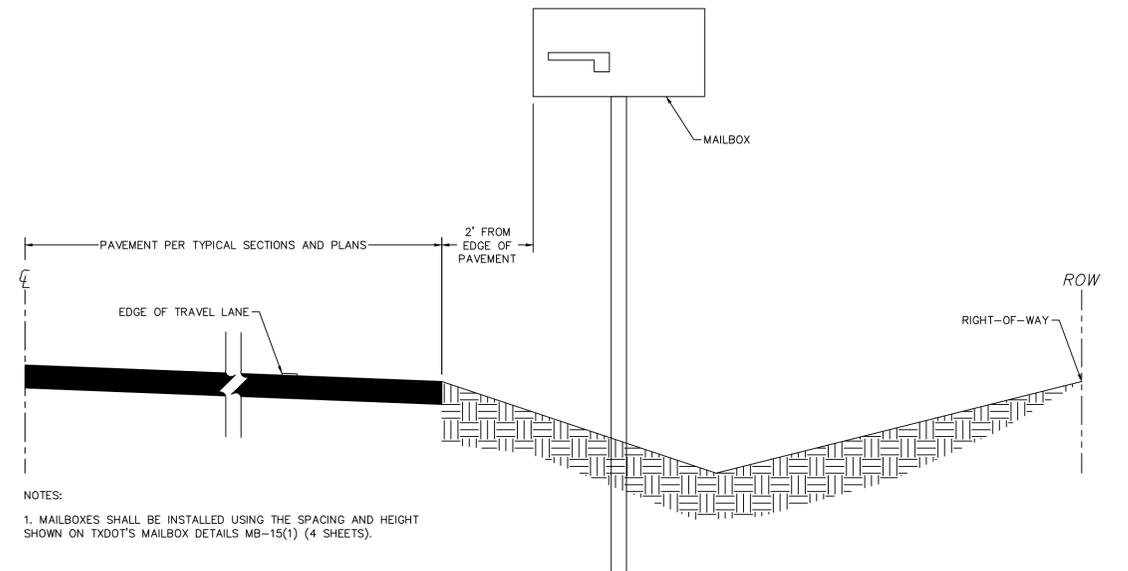
1. CONCRETE SHALL BE CLASS "A" AND SHALL HAVE A MINIMUM OF 5 SACKS OF CEMENT PER CUBIC YARD AND A MINIMUM 28 DAY COMPRESSION STRENGTH OF 3500 P.S.I.
2. MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO TXDOT STANDARD SPECIFICATIONS.
3. REINFORCEMENT SHALL BE #4 BARS AT 12" ON CENTER EACH WAY.
4. CONTRACTOR TO VERIFY BOTH VERTICAL AND HORIZONTAL LOCATIONS OF ALL GAS LINES BEFORE CONSTRUCTION IN THIS AREA.
5. WIDTH AND LOCATION TO BE BASED ON SLAB EXTENDED APPROXIMATELY 2'-6" BEYOND OUTSIDE PIPE ON BOTH SIDES
6. CONTACT PIPELINE OWNER A MINIMUM OF 48 HOURS PRIOR TO WORKING IN THIS AREA.
7. NO LESS THAN SIX INCHES OF SAND OR EQUIVALENT CUSHION BETWEEN THE BOTTOM OF THE SLAB AND TOP OF EXISTING PIPELINE.
8. MINIMUM DEPTH OF COVER IS DETERMINED BY PIPELINE OPERATOR AND MUST BE VERIFIED BY CONTRACTOR. IF NOT ENOUGH COVER IS PROVIDED, CONTACT ENGINEER.



SECTION A-A

STANDARD CONCRETE CAP FOR PIPELINE CROSSINGS

NOT TO SCALE



NOTES:

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

MINIMUM MAILBOX SPACING FROM EDGE OF PAVEMENT

NOT TO SCALE

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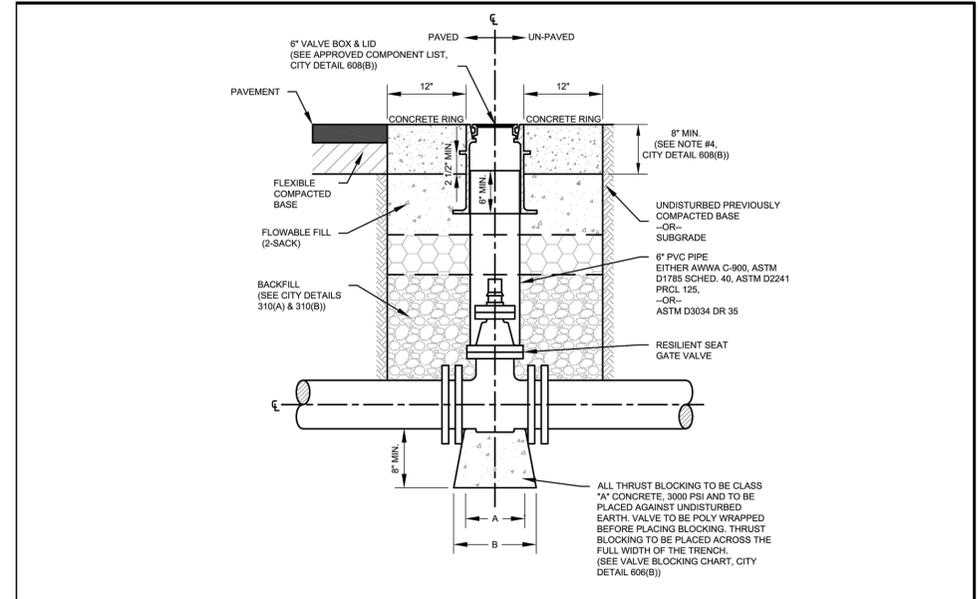
**MIDLAND COUNTY
MIDLAND, TEXAS**

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

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MIDLAND COUNTY PRECINCT 4	DA PROJECT B006794.001
YEAR 1 - CLUSTER 1 ROADS MIDLAND COUNTY, TEXAS	SHEET
PIPE ENCASEMENT AND MAILBOX DETAILS	6



	DRAWN: DPM	EFFECTIVE DATE: 10/01/2018	SCALE: NTS	DETAIL:
	CHECKED: JCF	TYPICAL VALVE AND VALVE BOX		608(A)
	APPROVED: MCC			

APPROVED COMPONENT LIST			
NO.	VALVES	VALVE COVERS	VALVE BOX
1	MUELLER 2360 MJ	MUELLER 2360 FL X FL	BASS & HAYS STANDARD 390-1 "SHORTY"
2	M & H 4067 MJ	M & H 4067-0	OR APPROVED EQUAL
3	CLOW 2838 MJ	CLOW 2840 FL X FL	
4	OR APPROVED EQUAL	OR APPROVED EQUAL	

VALVE BLOCKING CHART		
PIPE SIZE	A	B
4"	5.0"	10.5"
6"	6.5"	1'-0"
8"	6.5"	1'-0"
10"	8.0"	1'-1.0"
12"	8.5"	1'-2.0"

- NOTES:**
- FOR VALVES ON WATER MAIN PIPES LARGER THAN 12" SEE CITY DETAIL 609.
 - SETTING VALVE BOX TO GRADE MAY REQUIRE ADDING PVC PIPE. IF ADDITIONAL PIPE IS REQUIRED, USE BELL SECTION WITH GASKET AND SET BELL DOWN OVER EXISTING PIPE RISER. A GASKETED SELF-CENTERING COLLAR MAY BE USED IN LIEU OF THE BELL SECTION.
 - CONCRETE RING TO BE CITY OF MIDLAND CLASS "C", 3600 PSI, UNLESS OTHERWISE NOTED.
 - USE FIBER REINFORCEMENT FOR ALL CONCRETE, WHETHER PAVEMENT OR THRUST BLOCKING.
 - 12" MINIMUM FOR CONCRETE RING IN AN ARTERIAL ROADWAY.
 - FLOWABLE FILL 2-SACK (2 SACK = 188 LBS/CY, PORTLAND CEMENT) REQUIRED BENEATH ALL CONCRETE RINGS.
 - FLOWABLE FILL 2-SACK (2 SACK = 188 LBS/CY, PORTLAND CEMENT) REQUIRED FOR ALL OVER EXCAVATION BACKFILL.
 - MATERIALS AND CONSTRUCTION METHODS TO CONFORM TO CITY OF MIDLAND STANDARDS AND SPECIFICATIONS.
 - CONSTRUCT AS SHOWN UNLESS OTHERWISE APPROVED IN WRITING BY THE CITY ENGINEER.

	DRAWN: DPM	EFFECTIVE DATE: 10/01/2018	SCALE: NTS	DETAIL:
	CHECKED: JCF	TYPICAL VALVE AND VALVE BOX DETAILS		608(B)
	APPROVED: MCC			

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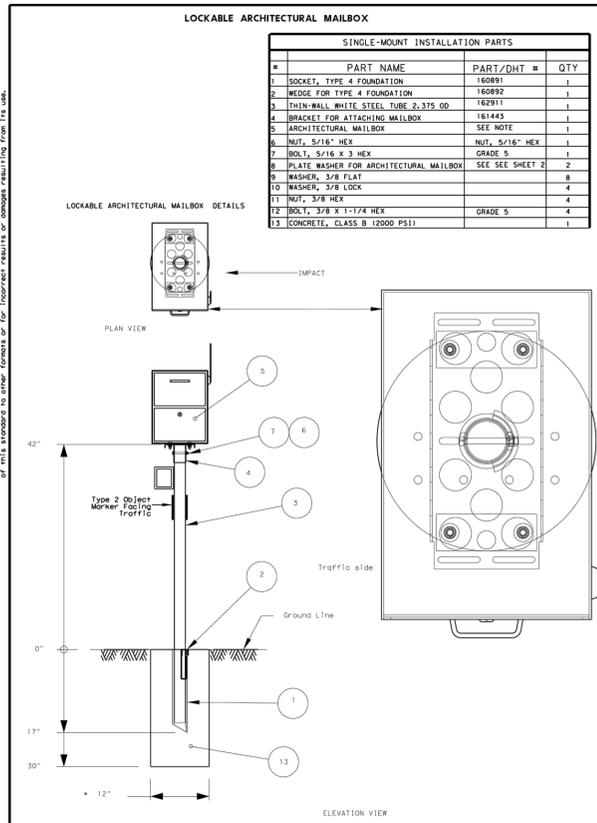
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DESIGNED		HORIZ
COM		VERT
DRAWN		N/A
JLB		N/A
CHECKED	DATE	JANUARY 2022

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 Tel: 432.699.4889
 [TX REG. F-1114]

Jennifer L. Becker
 01/10/22

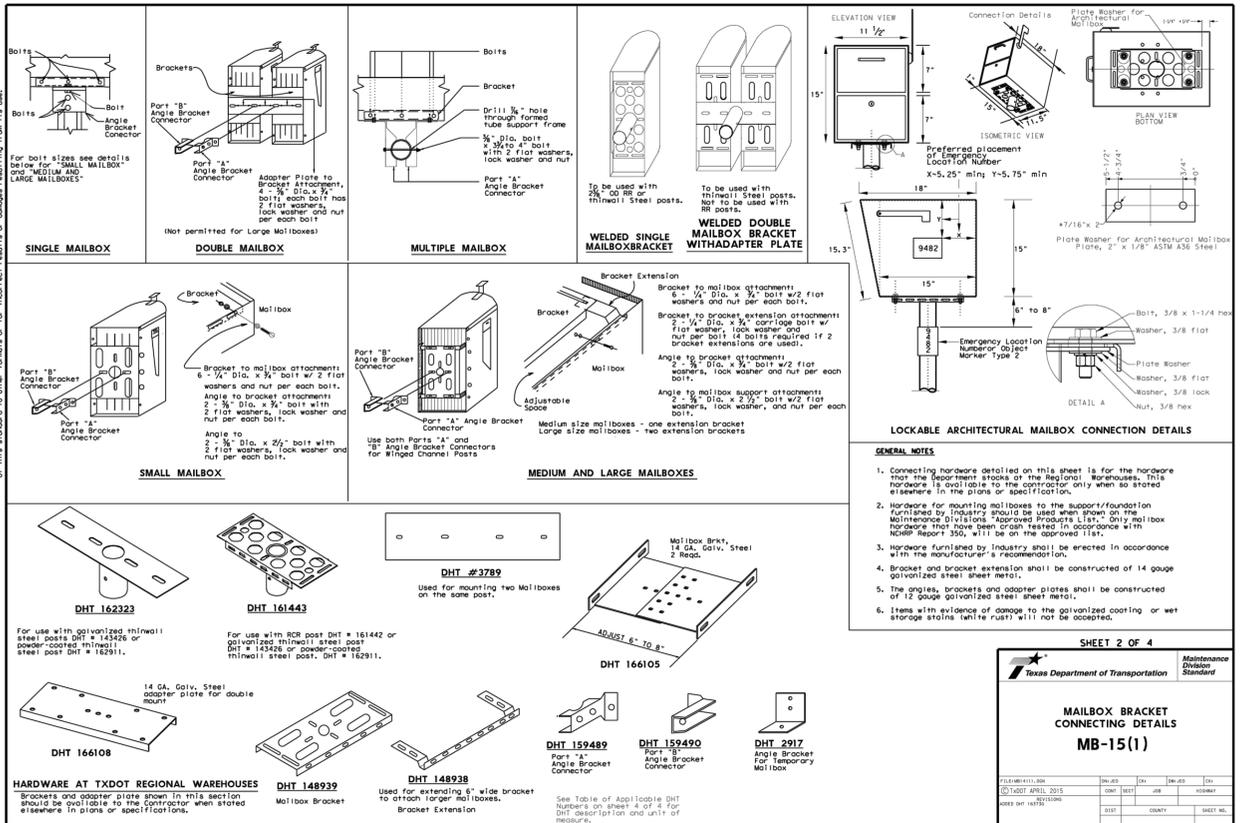
MIDLAND COUNTY PRECINCT 4 YEAR 1 - CLUSTER 1 ROADS MIDLAND COUNTY, TEXAS	DA PROJECT B006794.001
CITY OF MIDLAND UTILITY DETAILS	SHEET 7



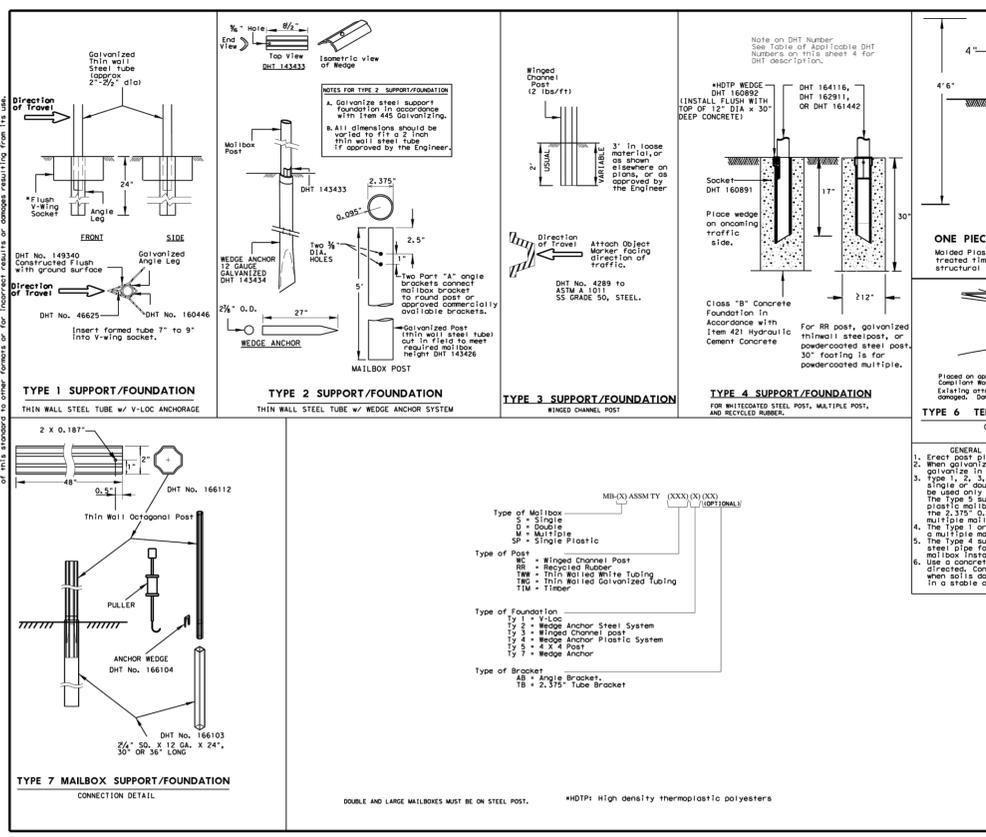
DHT NUMBER	DESCRIPTION
160891	SOCKET, TYPE 4 FOUNDATION
160992	WEDGE FOR TYPE 4 FOUNDATION
161443	BRACKET FOR ATTACHING MAILBOX
163434	ANCHOR FOR TYPE 2 FOUNDATION
166103	ANCHOR FOR TYPE 7 FOUNDATION
160892	WEDGE FOR TYPE 4 FOUNDATION
166104	WEDGE FOR TYPE 7 FOUNDATION
4289	WINGED CHANNEL MAILBOX POST
149339	MULTIPLE MAILBOX POST (GALVANIZED TUBING)
164116	MULTIPLE MAILBOX POST (WHITE COATED)
166114	MULTIPLE MAILBOX POST (WHITE COATED OCTAGONAL)
166153	MULTIPLE MAILBOX POST (GALVANIZED OCTAGONAL)
161442	RECYCLED RUBBER POST, FOR SMALL MAILBOX ONLY
143426	THIN-WALL GALVANIZED STEEL TUBE 2.375" OUTER DIAMETER
162911	THINWALL WHITE STEEL TUBE 2.375" OUTER DIAMETER
166152	2" OCTAGONAL
166172	2" OCTAGONAL
161812	REFLECTIVE SHEETING
161812	REFLECTIVE SHEETING FOR EMERGENCY LOCATION NUMBER PANEL
CONNECTING HARDWARE	
3917	ANGLE BRACKET USED FOR TEMPORARY MAILBOX SUPPORT
166105	BRACKET FOR SINGLE MOUNTING OF MAILBOXES (MOUNTING KIT)
3789	PLATE FOR DOUBLE MOUNTING OF MAILBOXES
166108	BRACKET FOR DOUBLE MOUNTING OF MAILBOXES (MOUNTING KIT)
166111	BRACKET FOR MULTIPLE MOUNTING OF MAILBOXES (MOUNTING KIT)
148939	BRACKET FOR ATTACHING SMALL OR MEDIUM SIZE MAIL BOX
148938	EXTENDER TO BRACKET FOR ATTACHING LARGE MAILBOX
159489	ANGLE BRACKET PART A
159490	ANGLE BRACKET PART B
162323	STEEL POST, GALVANIZED POWERCOATED THINWALL
161443	AND TO MULTIPLE WHITE MAILBOX POST
163538	CASTING (NEWSPAPER RECEPTACLE BRACKET)
163231	3-SIDE T NEWSPAPER RECEPTACLE BRACKET
160598	BOLT/HEX HEAD, GALV 3/8" DIA X 3/4" L, HD, W/2-FLAT WASHERS
163750	BOLT/HEX HEAD, GALV 3/8" X 1-1/2", 16 NC, W/WASHERS
160701	BOLT/HEX HEAD, GALV 3/8" DIA X 2-1/2" L, HD, W/2-FLAT WASHERS
163230	BOLT/HEX HEAD, GALV 3/8" X 3-1/2", 16 NC, W/1/2" FLAT WASHERS
160599	BOLT/HEX HEAD, GALV 3/8" DIA X 3-3/4" L, HD, W/2-FLAT WASHERS
160700	BOLT/HEX HEAD, GALV 3/8" DIA X 4" L, HD, W/2-FLAT WASHERS

DHT NUMBER	DESCRIPTION
163538	CASTING (NEWSPAPER RECEPTACLE BRACKET)
163231	3-SIDE T NEWSPAPER RECEPTACLE BRACKET
160598	BOLT/HEX HEAD, GALV 3/8" DIA X 3/4" L, HD, W/2-FLAT WASHERS
163750	BOLT/HEX HEAD, GALV 3/8" X 1-1/2", 16 NC, W/WASHERS
160701	BOLT/HEX HEAD, GALV 3/8" DIA X 2-1/2" L, HD, W/2-FLAT WASHERS
163230	BOLT/HEX HEAD, GALV 3/8" X 3-1/2", 16 NC, W/1/2" FLAT WASHERS
160599	BOLT/HEX HEAD, GALV 3/8" DIA X 3-3/4" L, HD, W/2-FLAT WASHERS
160700	BOLT/HEX HEAD, GALV 3/8" DIA X 4" L, HD, W/2-FLAT WASHERS

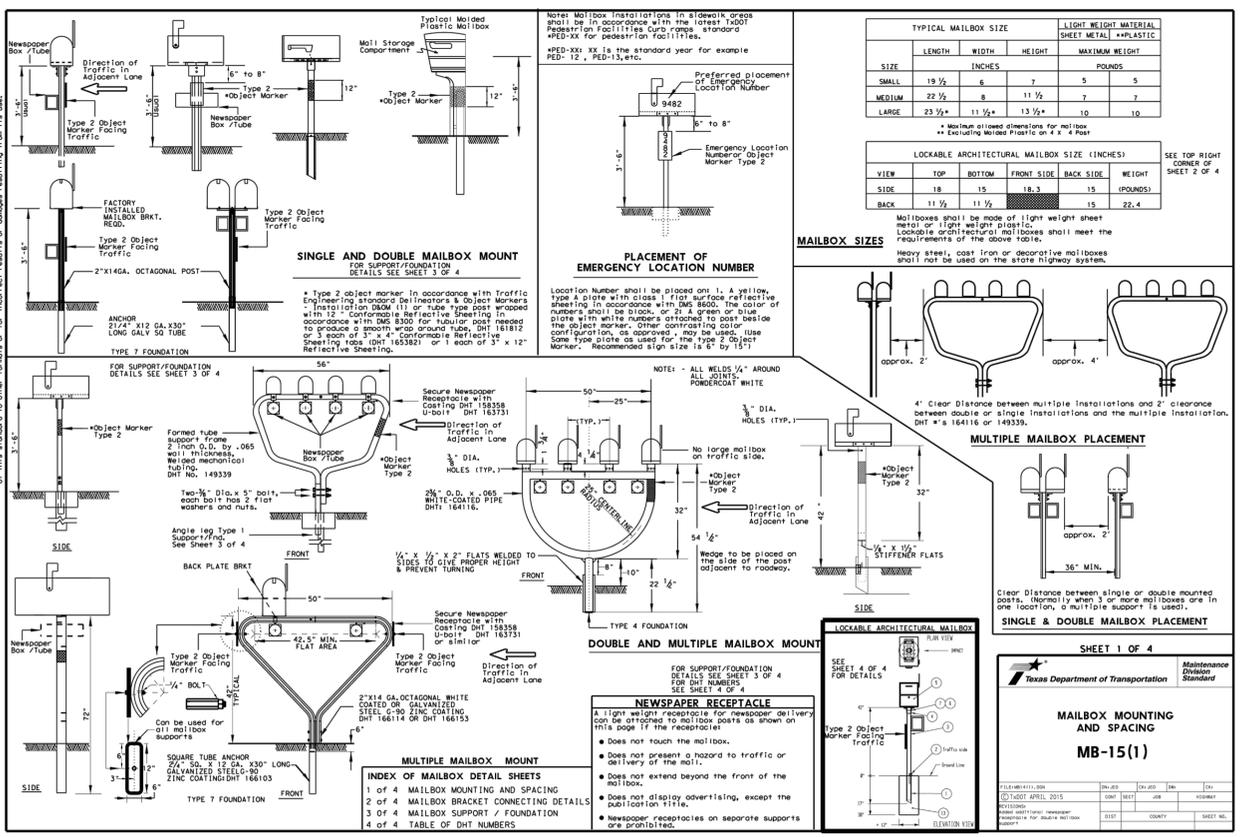
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3	04/07/2015	CHECKER				
4	04/07/2015	APPROVER				



SHEET 2 OF 4						
MAILBOX BRACKET CONNECTING DETAILS MB-15(1)						
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3	04/07/2015	CHECKER				
4	04/07/2015	APPROVER				



SHEET 3 OF 4						
MAILBOX SUPPORT AND FOUNDATION MB-15(1)						
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2	04/07/2015	DESIGNER				
3	04/07/2015	CHECKER				
4	04/07/2015	APPROVER				



SHEET 1 OF 4						
MAILBOX MOUNTING AND SPACING MB-15(1)						
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2	04/07/2015	DESIGNER				
3	04/07/2015	CHECKER				
4	04/07/2015	APPROVER				

NO.	REVISION	BY	DATE	CHECKED

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

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

STATE OF TEXAS
102960
PROFESSIONAL ENGINEER
J. J. Baker

MIDLAND COUNTY PRECINCT 4
YEAR 1 - CLUSTER 1 ROADS
MIDLAND COUNTY, TEXAS

DA PROJECT B006794.001
SHEET 8

TxDOT MAILBOX DETAILS

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, S, and P).
- 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 legends and borders shall be applied by screening process or out-cut acrylic non-reflective black film to background sheeting, or combination thereof.
- White legends 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 legends 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 ₁ OR C ₁ 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 ₁ OR C ₁ SHEETING
LEGEND, BORDERS AND SYMBOLS	BLACK	ACRYLIC NON-REFLECTIVE FILM
SYMBOLS	RED	TYPE B OR C SHEETING

TYPICAL SIGN REQUIREMENTS

TSR (4) - 13

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.
- Materials used in slip base system shall conform to the following specifications:
 - 108G Luting (0.875" outside diameter)
 - 0.134" 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 0.867" to 0.883"
 - Galvanization per ASTM A153 or ASTM A653. For pre-coated steel, luting (ASTM A653), recast tube outside diameter weld seam by metalizing with zinc wire per ASTM B833.
 - Schedule 80 Pipe (12.875" outside diameter)
 - 0.276" nominal wall thickness
 - Steel luting per ASTM A500 or C
 - 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
 - 42,000 PSI minimum tensile strength
 - 215 minimum elongation in 2"
 - Wall thickness (uncoated) shall be within the range of 0.268" to 0.304"
 - 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/traffic/operations/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-hand concrete mixer. For small placements, less than 0.5 cubic yards, hand mixing in a suitable container may be allowed by 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 the rear.

Support

- Set support so that the bottom of the sign will be 7 to 7.5 feet above the edge of the roadway (i.e., edge of the closest lane when slip plate is below the edge of roadway or 7 to 7.5 feet above the sign plate is above the edge of the roadway). The cut shall be grade 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 end of 1/2" threads on the upper end, and hardened washer per ASTM F436, the stud bolt shall have a minimum yield and ultimate tensile strength of 50 and 55 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 recommendations may be used if approved by Engineer. Cure time per the manufacturer's recommendations. Top of bolt shall extend at least 1/4 inch with top of weight concrete with 0.5 1/2" minimum embedment, shall have a minimum 10:1 water/cement ratio and shear of 3500 and 3100 psi, respectively.

FRICION CAP DETAIL

GENERAL NOTES

- Sign support 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, S, and P).
- 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 legends and borders shall be applied by screening process or out-cut acrylic non-reflective black film to background sheeting, or combination thereof.
- White legends 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 legends 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.

REQUIRED SUPPORT

SIGN DESCRIPTION	SUPPORT
48-Inch STOP sign (R1-1)	TY 1086C(1)XX(1)T
60-Inch YIELD sign (R1-2)	TY 1086C(1)XX(1)T
48x48-Inch ONE-WAY sign (R6-1)	TY 1086C(1)XX(1)T
36x48, 48x36, and 48x48-Inch signs	TY 1086C(1)XX(1)T
48x60-Inch signs	TY 580(1)XX(1)T
48x48-Inch signs (diamond or square)	TY 1086C(1)XX(1)T
48x60-Inch signs	TY 580(1)XX(1)T
48-Inch Advance School X-ing sign (S1-1)	TY 1086C(1)XX(1)T
48-Inch School X-ing sign (S2-1)	TY 1086C(1)XX(1)T
Large Arrow sign (R1-6 & W1-7)	TY 1086C(1)XX(1)T

SIGN SUPPORT DESCRIPTIVE CODES

Descriptive codes correspond to project estimate and quantities sheets

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

POST

- FRP - Fiberglass Reinforced Plastic Pipe (see SMD(FRP))
- HT - Hot-Dipped Tubing (see SMD(HT))
- 108G - 108G Luting (see SMD(SLIP-1) to (SLIP-3))
- S80 - Schedule 80 Pipe (see SMD(SLIP-1) to (SLIP-3))

Number of Posts (1 or 2)

Anchor Type

- UA - Universal Anchor - Galvanized (see SMD(FRP) and (HT))
- UB - Universal Anchor - Bolted (see SMD(FRP) and (HT))
- WC - Wedge Anchor (see SMD(HT))
- WP - Wedge Anchor Plastic (see SMD(HT))
- SA - Silabases - Galvanized (see SMD(SLIP-1) to (SLIP-3))
- SB - Silabases - Bolted (see SMD(SLIP-1) to (SLIP-3))

Sign Mounting Designation

- P - Prefab - "Pilot" (see SMD(SLIP-1) to (SLIP-3), (HT), (FRP))
- T - Prefab - "T" (see SMD(SLIP-1) to (SLIP-3), (HT))
- R - "Righted" (see SMD(SLIP-1) to (SLIP-3))
- EXT or EXT - Number of Extensions (see SMD(SLIP-1) to (SLIP-3), (HT))
- BE - Extruded Metal Base (see SMD(SLIP-1) to (SLIP-3))
- EC - 1/2 x 1/2 Wing Channel (see SMD(SLIP-1) to (SLIP-3))
- EXL - Extruded Aluminum Sign Panels (see SMD(SLIP-3))

REQUIRED CLEARANCE FOR BREAKAWAY SUPPORT

SIGN LOCATION

PAVED SHOULDERS

T-INTERSECTION

LESS THAN 6 FT. WIDE

GREATER THAN 6 FT. WIDE

BEHIND BARRIER

BEHIND GUARDED DISTANCE

BEHIND CONCRETE BARRIER

BEHIND CURB OR RAISED ISLAND

TYPICAL SIGN ATTACHMENT DETAIL

Single Signs

Back-to-Back Signs

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.

SIGNS WITH PLAQUES

RESTRICTED RIGHT-OF-WAY

Signs shall be mounted using the following condition that results in the greatest sign elevation:

- a minimum of 7 to a maximum of 7.5 feet above the edge of the travel lane or
- a minimum of 7 to a maximum of 7.5 feet above the grade at the base of the support when sign is installed on the backstop.

The maximum values may be increased when directed by the Engineer.

See the Traffic Operations Division website for detailed drawings of sign clamps, Triangular Slipbase System components and Wedge Anchor System components.

The website address is: <http://www.txdot.gov/traffic/operations/traffic.htm>

NO.	REVISION	BY	DATE	CHECKED

MIDLAND COUNTY PRECINCT 4
YEAR 1 - CLUSTER 1 ROADS
MIDLAND COUNTY, TEXAS

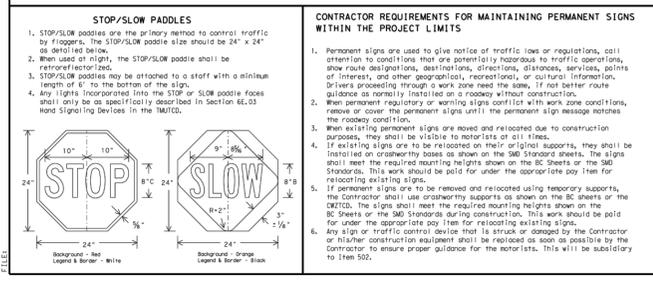
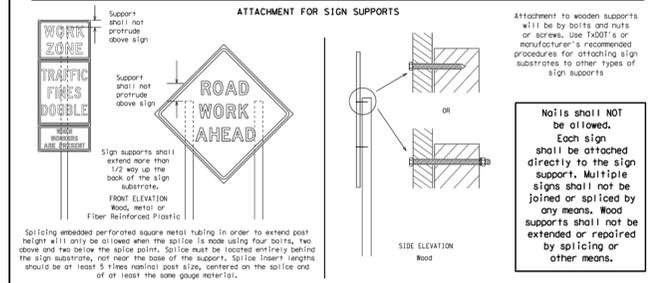
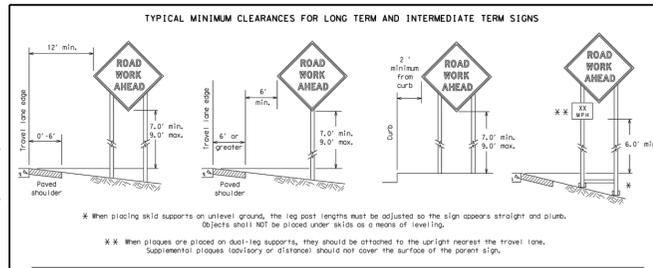
DA PROJECT B006794.001
SHEET 12

TxDOT SIGNAGE DETAILS

SCALE: HORIZ N/A, VERT N/A, DATE JANUARY 2022

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

STATE OF TEXAS
102960
PROFESSIONAL ENGINEER
J. J. Beckler



GENERAL NOTES FOR WORK ZONE SIGNS

- Contractor shall install and maintain signs in a straight and plumb condition and/or as directed by the Engineer.
- Wooden sign posts shall be painted white.
- Barrieroads shall NOT be used as sign supports.
- All signs shall be installed in accordance with the plans or as directed by the Engineer. Signs shall be used to regulate, warn, and advise the traveling public safely through the work zone.
- The Contractor may furnish either the sign design shown in the plans or in the "Standard Highway Sign Designs for Texas" (SHSD). The Engineer/Inspector will require the Contractor to provide other work zone signs that are shown in the MUTCD but may not have been outlined from the plans. Any variation in the plans shall be documented by written agreement between the Engineer and the Contractor's representative. All changes must be documented in writing before being implemented. This includes documenting the changes in the Inspector's 15007 diary and having both the Inspector and Contractor Initial and date the agreed upon changes.
- The Contractor shall furnish sign supports listed in the "Compliance Work Zone Traffic Control Manual" (CWZTCM) to the Engineer/Inspector. The Contractor shall install the sign supports in accordance with the manufacturer's recommendations. If there is a question regarding installation procedures, the Contractor shall furnish a copy of the manufacturer's installation recommendations to the Engineer/Inspector. The Contractor shall be responsible for installing signs on approved supports and replacing signs with damaged or cracked substrates and/or damaged or marred reflective sheeting as directed by the Engineer/Inspector.
- Contractor shall not place signs on utility poles or structures. The maximum height of letters and/or company logos used for identification shall be 1 inch.
- The Contractor shall replace compacted wood posts, New or damaged wood sign posts shall not be allowed.

DURATION OF WORK ZONE SIGNS BY THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (PART 6)

- Use of all signs and sign mounting height, the size of signs, and the type of sign substrates can vary based on the type of work being performed. The Engineer is responsible for selecting the appropriate size sign for the type of work being performed. The Contractor is responsible for ensuring the sign supports, sign mounting height and substrate meets manufacturer's recommendations in regard to construction and duration of work requirements.
- Long-term stationary work that occupies a location more than 3 days.
- Intermediate-term stationary work that occupies a location more than one day but less than 3 days, or nighttime work lasting more than one hour.
- Short-term stationary work that occupies a location for more than 1 hour in a single daylight period.
- Short duration work that occupies a location up to 1 hour.
- Utility work that occurs continuously or intermittently (stop-and-go) for up to approximately 15 minutes.

SIGN MOUNTING HEIGHT

- All signs shall be mounted on approved supports and shall be at least 7 feet, but not more than 9 feet, above the paved surface, except as shown for supplemental poles mounted below other signs.
- The bottom of short-term stationary signs shall be a minimum of 1 foot above the pavement surface but no more than 2 feet above the ground.
- Long-term/intermediate-term signs may be used in lieu of short-term stationary signs and shall be removed at the end of the roadway or raised to appropriate long-term/intermediate-term sign heights.
- Short-term stationary signs shall be used only during daylight and shall be removed at the end of the roadway or raised to appropriate long-term/intermediate-term sign heights.
- Regulatory signs shall be mounted at least 7 feet, but not more than 9 feet, above the paved surface regardless of work duration.

LIFE OF SIGNS

- The Contractor shall furnish the sign sizes shown on BC (2) unless otherwise shown in the plans or as directed by the Engineer.

SIGN SUBSTRATES

- The Contractor shall ensure the sign substrate is installed in accordance with the manufacturer's recommendations for the type of sign support that is being used. The CWZTCM lists each substrate that can be used on the different types and models of sign supports.
- Sign substrates shall be made of a material that is resistant to weathering and does not absorb moisture.
- All wooden individual sign panels fabricated from 2 or more planks shall have one or more plywood clink, 1/2" thick by 6" wide, attached to the back of the sign panel. The clink shall be attached to the base of the sign using wood screws that do not penetrate the face of the sign panel. The screws shall be placed on both sides of the splice and spaced at 6" intervals. The Contractor may approve other methods of splicing the sign faces.

REFLECTIVE SHEETING

- All signs shall be retroreflective and constructed of sheeting meeting the color and retroreflectivity requirements of 695-8300 or 695-8300 for right-of-way signs. The web address for DMS-8300 Type A, B, and C is: <http://www.txdot.gov/traffic-control/signs/>
- White sheeting meeting the requirements of 695-8300 Type A, B, and C shall be used for signs with a white background.
- Other colors meeting the requirements of 695-8300 Type B, or Type C, shall be used for right-of-way signs with orange backgrounds.

SIGN LETTERS

- Sign letters and numbers shall be clear, and open rounded type appropriate alphabet letters as approved by the Federal Highway Administration (FHWA) and as published in the "Standard Highway Sign Design for Texas" manual. Signs, letters and numbers shall be of clear size as specified in the Department Standards and Specifications.

REMOVING OR COVERING

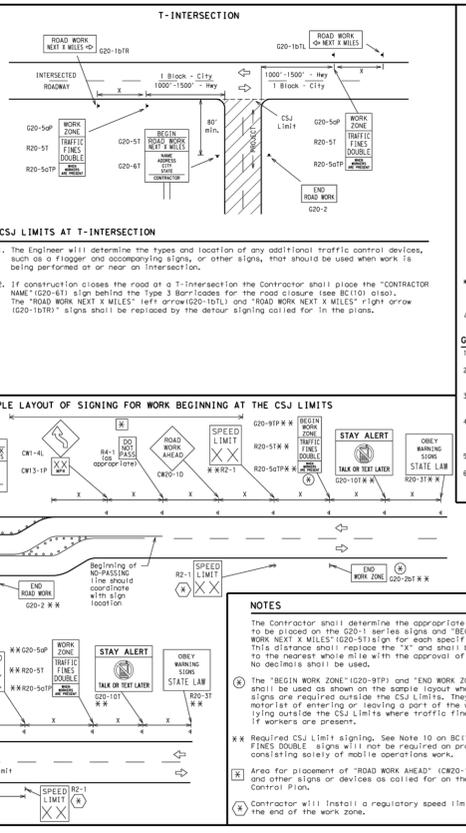
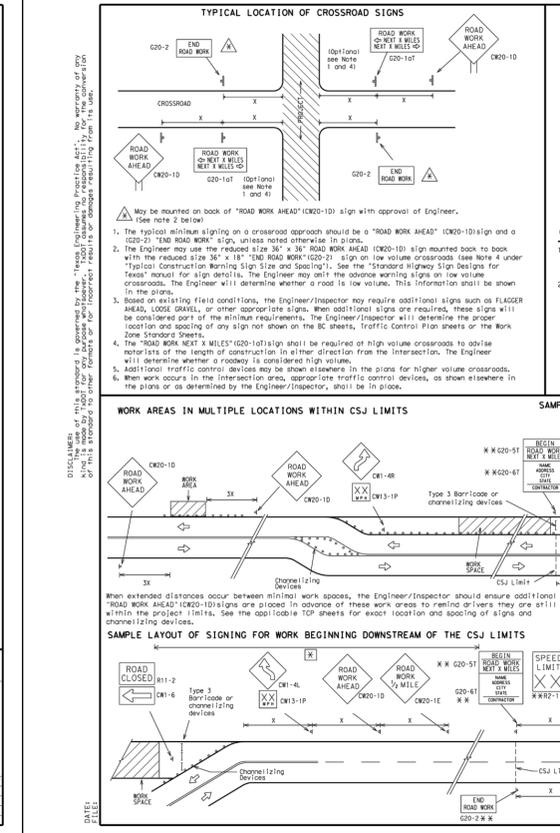
- When sign messages may be confusing or do not apply, the signs shall be removed or completely covered.
- Long-term stationary or intermediate-term signs shall be removed or covered with reflective sheeting in the median of divided highways or near any intersections where the sign may be seen from opposing traffic.
- Signs installed on wooden poles shall not be turned at 90 degree angles to the roadway. These signs should be removed or completely covered when not required.
- When signs are covered, the material used shall be opaque, such as heavy black plastic, or other materials which will cover the entire sign face and maintain their opaque properties under outdoor conditions of light, without causing the sign sheeting.
- Barrieroads shall NOT be used to cover signs.
- Signs and other signs shall be removed and holes filled upon completion of work.

SIGN SUPPORT WEIGHTS

- There shall be no use of weights to keep from turning over, the use of sandbags with dry, cohesionless sand should be used.
- The sandbags will be tied shut to keep the sand from spilling and to maintain a constant weight.
- Rock, concrete, or other solid objects shall not be permitted for use on sign support weights.
- Sandbags shall be made of a durable material that tears upon vehicular impact. Rubber boots (such as tire tread) shall NOT be used.
- Sandbags shall only be placed along or laid over the base supports of the traffic control device and shall not be suspended above ground level or hung with rope, wire, chains or other fasteners. Sandbags shall be placed along the length of the sign to weigh down the sign support.
- Sandbags shall NOT be placed under the sign and shall not be placed along the length of the sign.
- Sign supports shall be placed on a level surface.

PLACEMENT OF SIGNS

- Signs shall be used to draw attention to warning signs. When the flag shall be 16 inches square or larger and shall be orange or fluorescent green in color. Signs shall not be allowed to cover any portion of the sign face.



TYPICAL CONSTRUCTION WARNING SIGN SIZE AND SPACING

Sign Number or Series	Conventional Road	Expressway/Freeway	Posted Speed	Sign Spacing "x"
CW20-4	48" x 48"	48" x 48"	35	120
CW21	48" x 48"	48" x 48"	30	160
CW22	48" x 48"	48" x 48"	45	320
CW23	48" x 48"	48" x 48"	40	240
CW24	48" x 48"	48" x 48"	45	320
CW1, CW2, CW3, CW4, CW5, CW6, CW7, CW8, CW9, CW11, CW14	48" x 48"	48" x 48"	50	400
CW10, CW12	48" x 48"	48" x 48"	55	500*
			60	600*
			65	700*
			70	800*
			75	900*
			80	1000*
			85	1100*
			90	1200*

* For typical sign spacings on divided highways, expressways and freeways, see Part 6 of the "Texas Manual on Uniform Traffic Control Devices" (TMUCD) Typical application diagrams or T-3 Standard Sheets.

1. Minimum distance from work area to first Advance Warning sign nearest the work area/or distance between each additional sign.

GENERAL NOTES

- Special or larger size signs may be used as necessary.
- Distance between signs should be increased as required to have 1/2 mile or more advance warning.
- 36" x 36" "ROAD WORK AHEAD" (CW20-10) signs may be used on low volume crossroads on the discretion of the Engineer. See Note 2 under "Typical Location of Crossroad Signs".
- Only diamond shaped warning signs are indicated.
- See sign listing in "TMUCD", Sign Appendix or the "Standard Highway Sign Designs for Texas" manual for complete list of available sign sizes.

LEGEND

- Type 3 Barrieroad
- Channelizing Devices
- Sign

BARRICADE AND CONSTRUCTION PROJECT LIMIT

BC (2) - 14

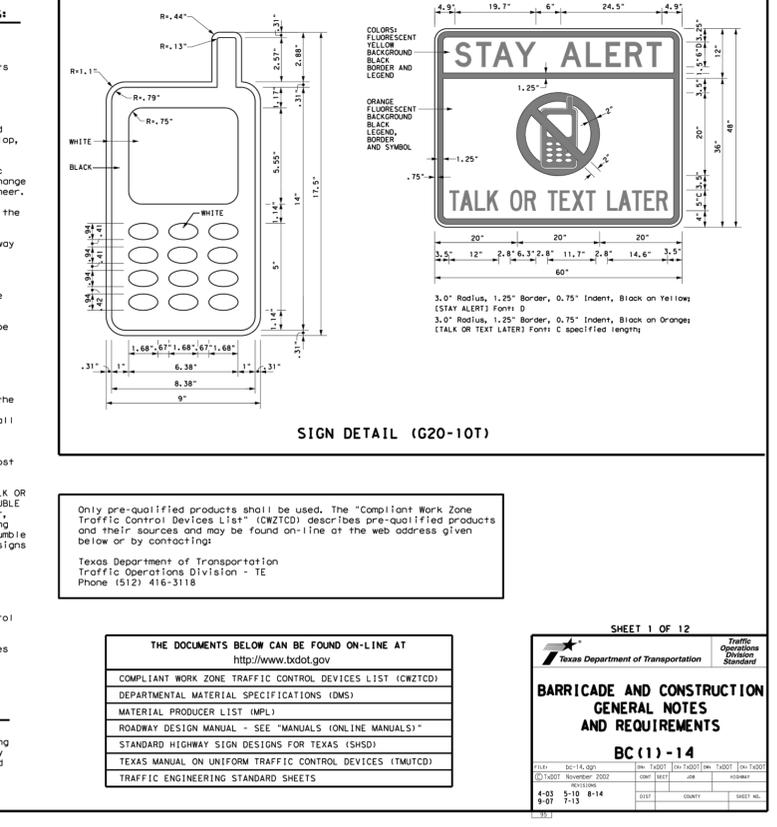
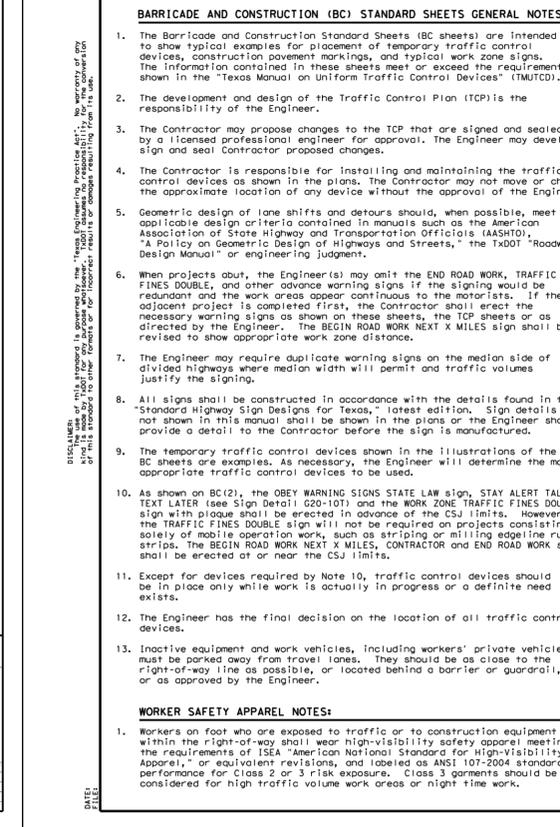
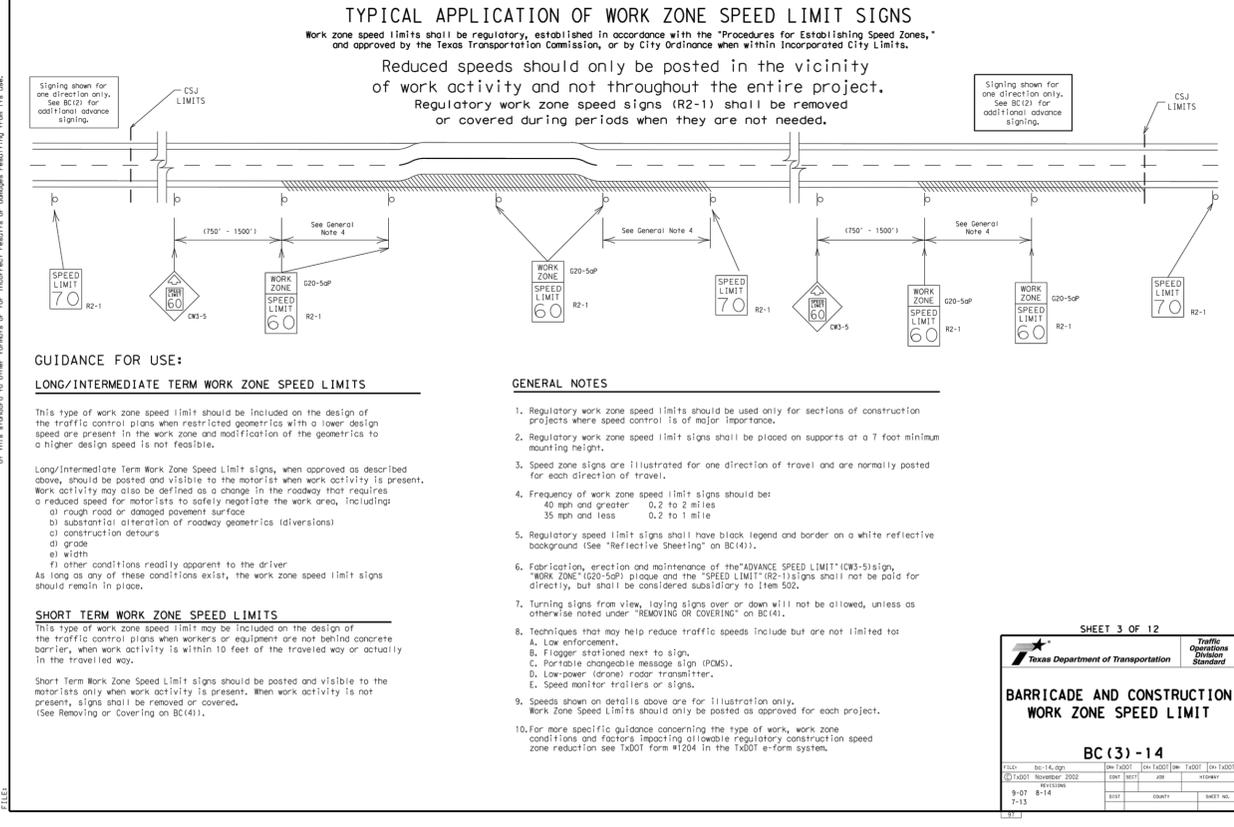
1. The Contractor shall determine the appropriate distance to be placed on the G20-1 series signs and "BEGIN ROAD WORK NEXT X MILES" (G20-10) sign for each specific project. This distance shall replace the "x" and shall be measured to the nearest whole mile with the approval of the Engineer. No decimals shall be used.

2. The "BEGIN WORK ZONE" (G20-5P) and "END WORK ZONE" (G20-2S) shall be used as shown on the sample layout when advance signs are required outside the CSJ limits. They inform the motorist of entering or leaving a part of the work zone lying outside the CSJ limits where traffic fines may be applicable if workers are present.

3. Required CSJ Limit signing. See Note 10 on BC(1). TRAFFIC FINES DOUBLE signs will not be required on projects consisting solely of mobile operations work.

4. Area for placement of "ROAD WORK AHEAD" (CW20-10) sign and other signs or devices as called for on the Traffic Control Plan.

5. Contractor will install a regulatory speed limit sign at the end of the work zone.



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

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

MIDLAND COUNTY

MIDLAND, TEXAS

DUNAWAY

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Tel: 432.699.4889

TX REG. F-1114

STATE OF TEXAS

PROFESSIONAL ENGINEER

102960

01/10/22

MIDLAND COUNTY PRECINCT 4

YEAR 1 - CLUSTER 1 ROADS

MIDLAND COUNTY, TEXAS

TxDOT TRAFFIC CONTROL DETAILS

1 OF 3

DA PROJECT: B006794.001

SHEET: 13



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.

NORTH COUNTY ROAD 1294 (N) AND WEST COUNTY ROAD 30 & 35



① CW20-1D 36" X 36"	② G20-2 48" X 24"	③ R2-1 24" X 30"	④ G20-1gT 72" X 36"	⑤L G20-1bTL 72" X 24"	⑥ G20-5T 48" X 24" G20-6 48" X 30"	⑦ G20-9TP 36" X 30" R20-5T 36" X 36" R20-5aTP 36" X 18"	⑧ R20-3T 48" X 42"
			⑤R G20-1bTR 72" X 24"				

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

FULL PATH: C:\ProgramData\Autodesk\LT2022\Drawings\Project\Traffic Control\PLAN.dwg
 FILENAME: TRAFFIC CONTROL PLAN.dwg
 PLOTTED BY: BENJAMIN BERRY
 PLOTTED AT: 1:43:38 PM

NO.	REVISION	BY	DATE

RLB	DESIGNED
RLB	DRAWN
JLB	CHECKED

SCALE	HORIZ	1" = 250'
	VERT	N/A
	DATE	JANUARY 2022

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

MIDLAND COUNTY PRECINCT 4	DA PROJECT	B006794.001
YEAR 1 - CLUSTER 1 ROADS MIDLAND COUNTY, TEXAS	SHEET	18
ADVANCED WARNING SIGNS OVERALL LAYOUT (NORTH)		



WARNING TO CONTRACTOR:
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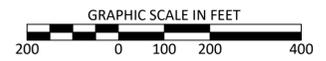
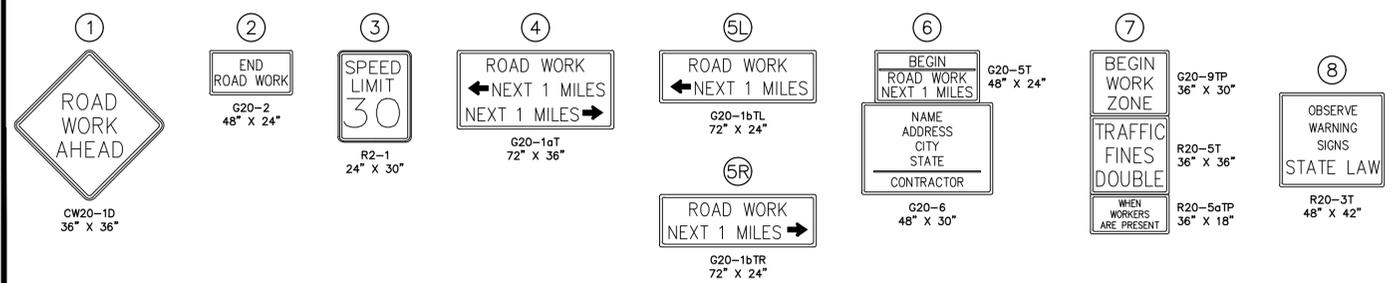
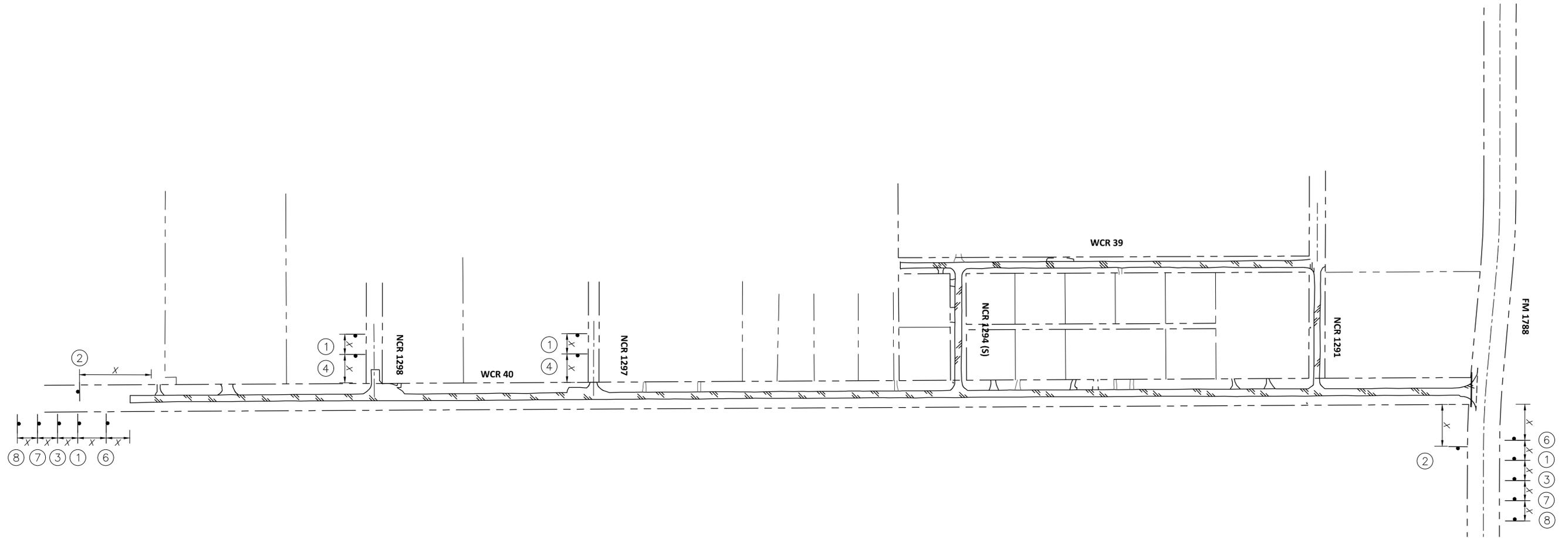
CRITICAL:
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BENCHMARK:
SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

NORTH COUNTY ROAD 1291 & 1294 (S) AND WEST COUNTY ROAD 39 & 40



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

FULL PATH: G:\Production\4000\006794\001\CAD\Drawings\Traffic\Traffic Control\PLAN.dwg
 FILENAME: TRAFFIC CONTROL PLAN.dwg
 PLOTTED BY: BENJAMIN BERRY
 PLOTTED AT: LASOP.PA

NO.	REVISION	BY	DATE

RLB DESIGNED
 RLB DRAWN
 JLB CHECKED
**MIDLAND COUNTY
 MIDLAND, TEXAS**

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

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

MIDLAND COUNTY PRECINCT 4
 YEAR 1 - CLUSTER 1 ROADS
 MIDLAND COUNTY, TEXAS
**ADVANCED WARNING SIGNS
 OVERALL LAYOUT (SOUTH)**

DA PROJECT
 B006794.001
 SHEET
19



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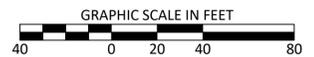
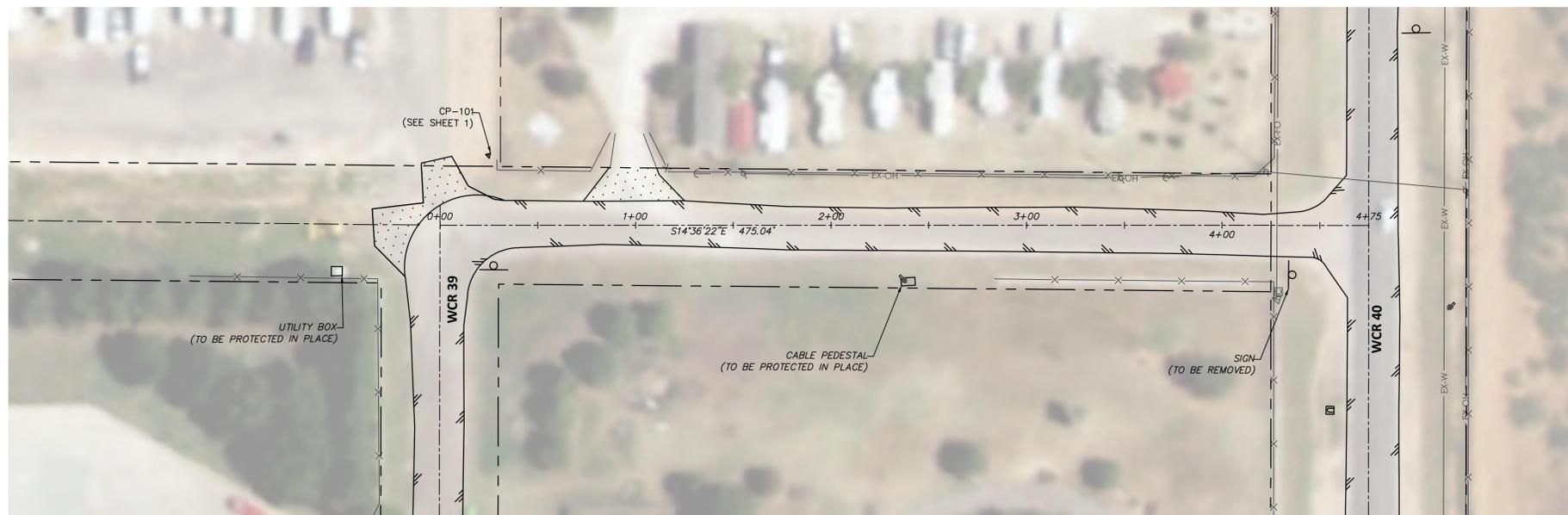
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BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

NORTH COUNTY ROAD 1291



FULL PATH: G:\Production\2001\006794\001\01\Drawings\1291\Overall\ROADWAY STATIONING.dwg

FILENAME: OVERALL ROADWAY STATIONING.dwg
PLOTTER BY: Barbara Baker
PLOT DATE: 1/10/22

NO.	REVISION	BY	DATE

	MMC
	DESIGNED
	MMC
	DRAWN
	JLB
	CHECKED

**MIDLAND COUNTY
MIDLAND, TEXAS**

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

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



MIDLAND COUNTY PRECINCT 4	DA PROJECT B006794.001
YEAR 1 - CLUSTER 1 ROADS MIDLAND COUNTY, TEXAS	SHEET
OVERALL ROADWAY STATIONING NCR 1291	20



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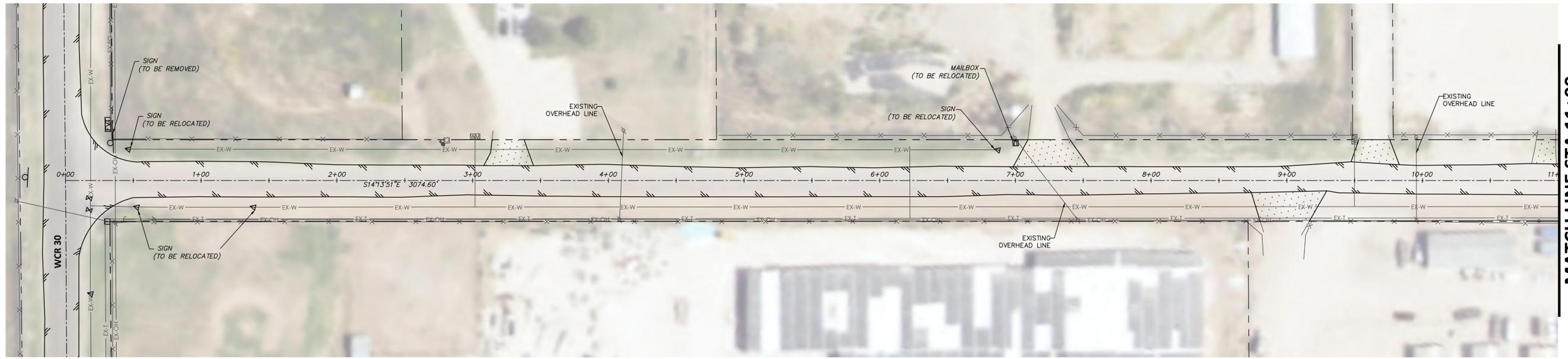
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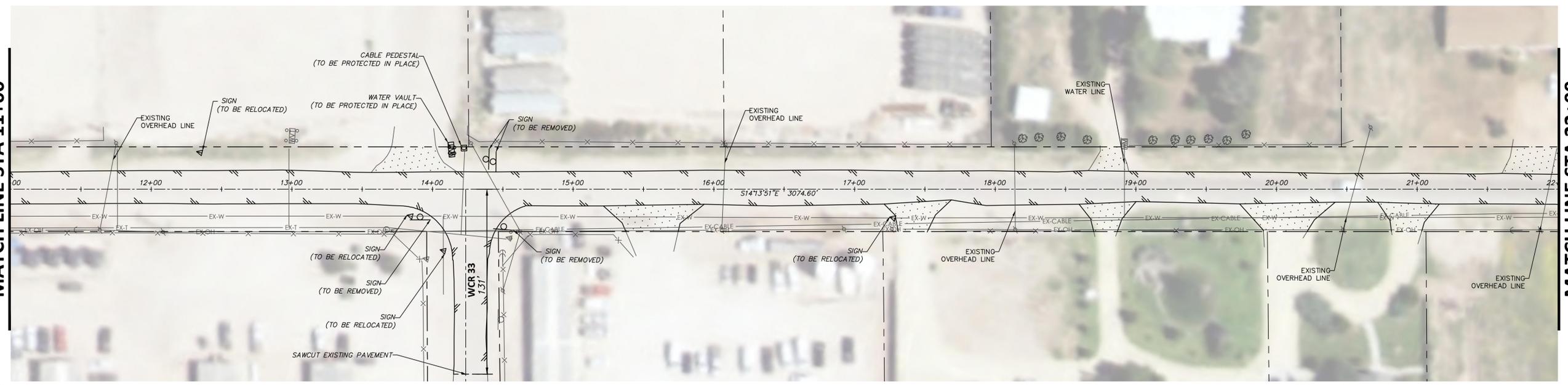
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BENCHMARK:
SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

NORTH COUNTY ROAD 1294 (NORTH)



MATCH LINE STA 11+00



MATCH LINE STA 11+00

MATCH LINE STA 22+00



FULL PATH: G:\Production\4000\006794\001\01\Drawings\Plan\Sheet\01\NCR1294_NORTH.dwg
FILENAME: OVERALL DUNAWAY STATIONING.dwg
PLOTTER: HP DesignJet 5000
PLOT DATE: 1/11/2022

NO.	REVISION	BY	DATE	CHECKED

MMC
DESIGNED
MMC
DRAWN
JLB
JLB
CHECKED

**MIDLAND COUNTY
MIDLAND, TEXAS**

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

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

MIDLAND COUNTY PRECINCT 4	DA PROJECT B006794.001
YEAR 1 - CLUSTER 1 ROADS MIDLAND COUNTY, TEXAS	SHEET
OVERALL ROADWAY STATIONING NCR 1294 (N) STA 0+00 TO 22+00	21



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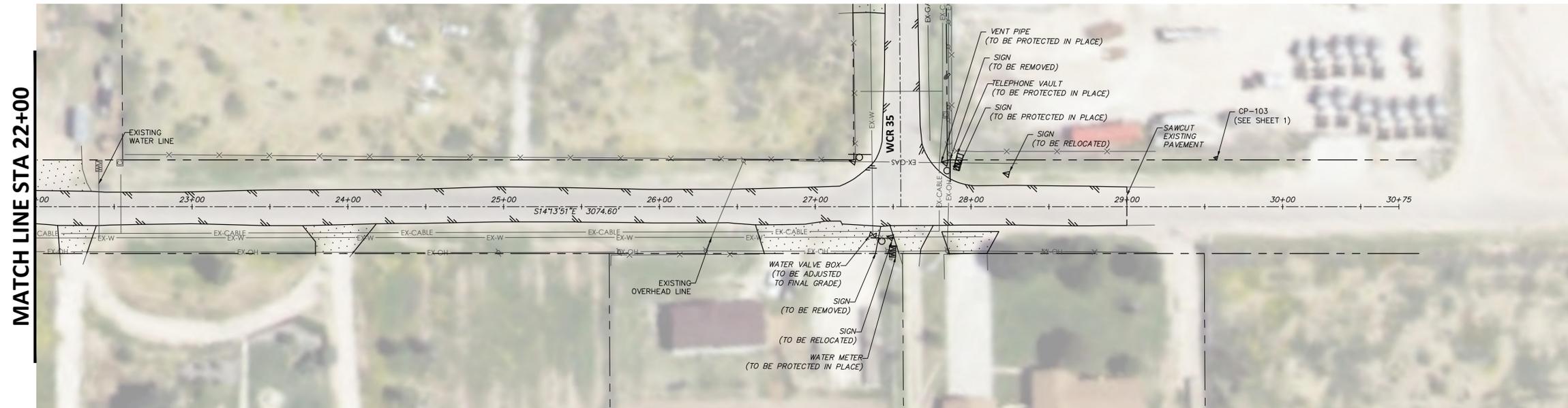
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BENCHMARK:
 SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

NORTH COUNTY ROAD 1294 (NORTH)



MATCH LINE STA 22+00



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 PLOTTED AT: 1:48:54 PM
 PLOTTED ON: 01/10/22

NO.	REVISION	BY	DATE	CHECKED

MMC
 DESIGNED
 MMC
 DRAWN
 JLB
 CHECKED

**MIDLAND COUNTY
 MIDLAND, TEXAS**

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

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

MIDLAND COUNTY PRECINCT 4
 YEAR 1 - CLUSTER 1 ROADS
 MIDLAND COUNTY, TEXAS

**OVERALL ROADWAY STATIONING
 NCR 1294 (N) STA 22+00 TO END**

DA PROJECT
 B006794.001

SHEET
22



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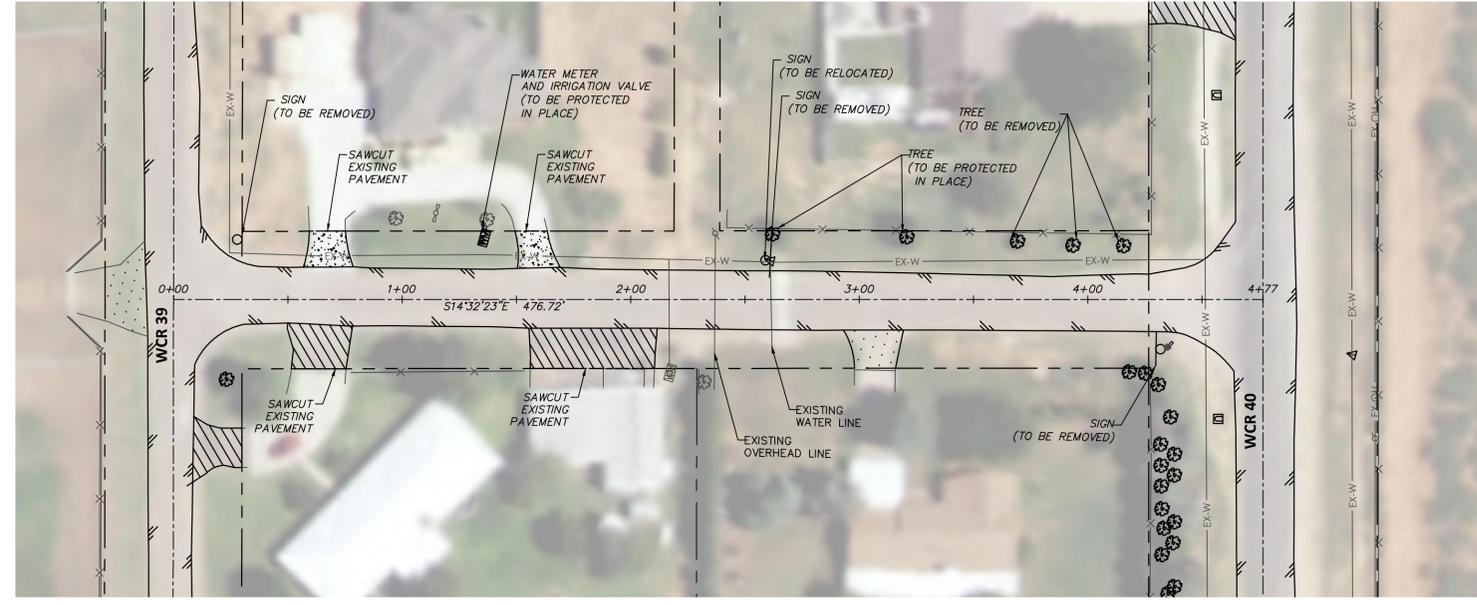
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BENCHMARK:
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NORTH COUNTY ROAD 1294 (SOUTH)



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 PLOTTED AT: 1:48:58 PM
 PLOTTED ON: 01/10/22

NO.	REVISION	BY	DATE	CHECKED

MMC	DESIGNED
MMC	DRAWN
JLB	CHECKED

**MIDLAND COUNTY
 MIDLAND, TEXAS**

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

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



MIDLAND COUNTY PRECINCT 4
 YEAR 1 - CLUSTER 1 ROADS
 MIDLAND COUNTY, TEXAS
**OVERALL ROADWAY STATIONING
 NCR 1294 (S)**

DA PROJECT
 B006794.001
 SHEET
23



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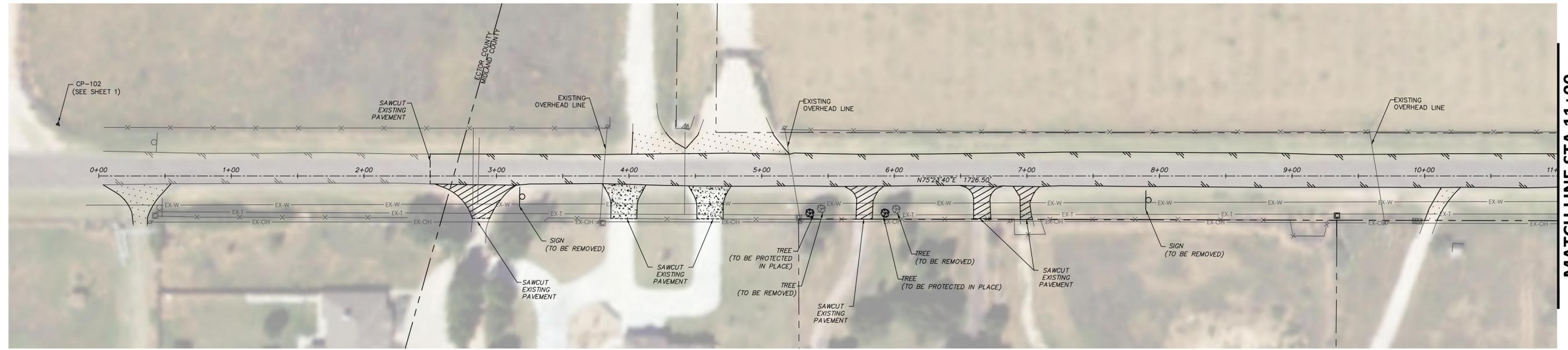
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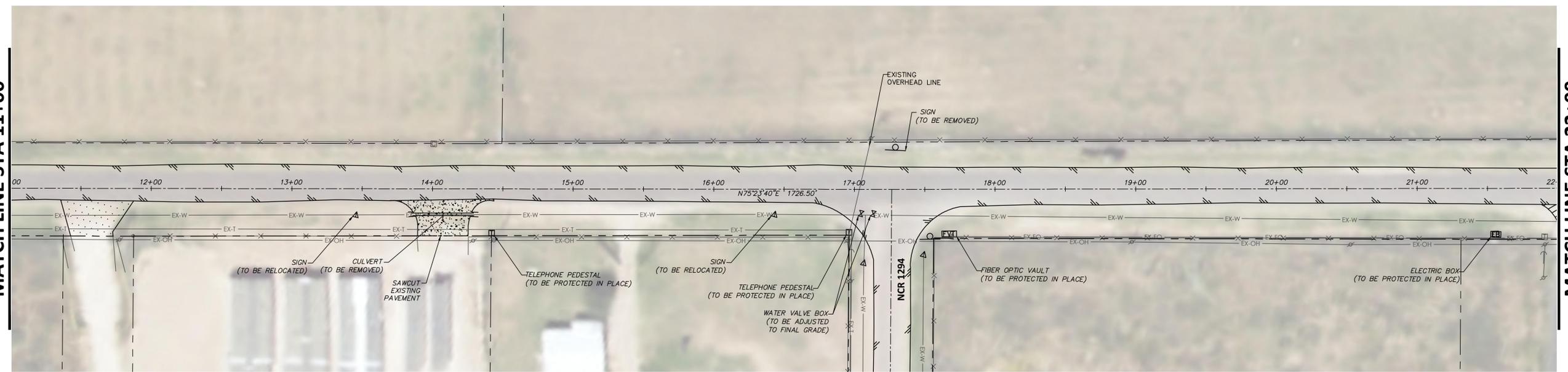
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BENCHMARK:
SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

WEST COUNTY ROAD 30



MATCH LINE STA 11+00



MATCH LINE STA 11+00

MATCH LINE STA 22+00



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PLOTTER: HP DesignJet 5000
PLOT DATE: 1/11/2022

NO.	REVISION	BY	DATE	CHECKED

MMC
DESIGNED
MMC
DRAWN
JLB
CHECKED

**MIDLAND COUNTY
MIDLAND, TEXAS**

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

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

MIDLAND COUNTY PRECINCT 4
YEAR 1 - CLUSTER 1 ROADS
MIDLAND COUNTY, TEXAS

**OVERALL ROADWAY STATIONING
WCR 30 STA 0+00 TO 22+00**

DA PROJECT
B006794.001

SHEET
24



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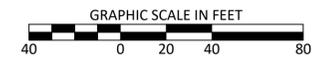
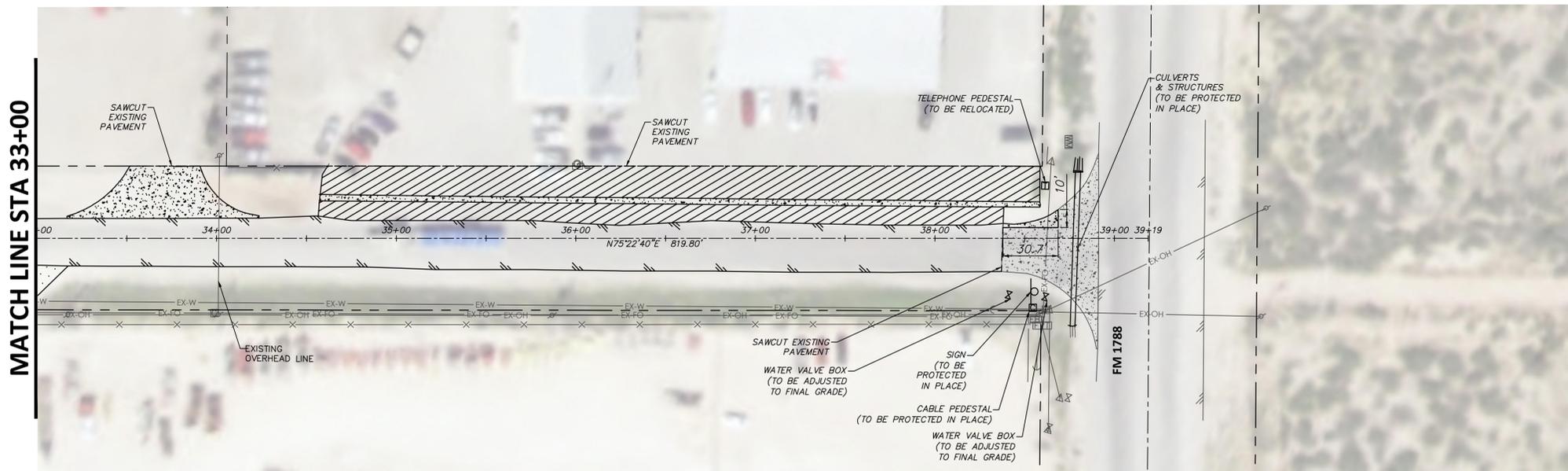
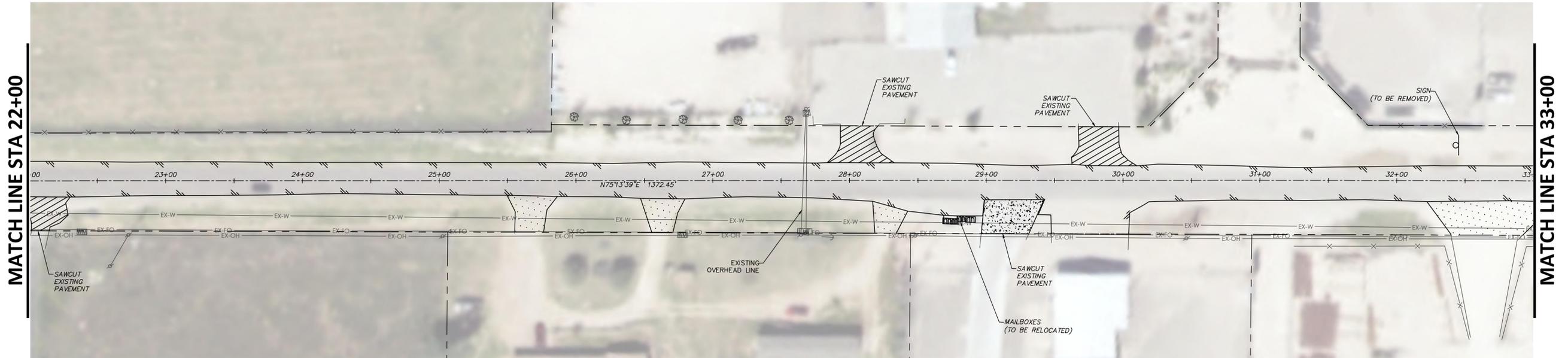
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BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

WEST COUNTY ROAD 30



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FILENAME: 01\WCR30\ROADWAY STATIONING.dwg
PLOTTER: HP DesignJet 1000
PLOT DATE: 1/10/2022

NO.	REVISION	BY	DATE	CHECKED

MMC	DESIGNED	MMC	DRAWN	JLB	CHECKED
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**MIDLAND COUNTY
MIDLAND, TEXAS**

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

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



MIDLAND COUNTY PRECINCT 4	DA PROJECT B006794.001
YEAR 1 - CLUSTER 1 ROADS MIDLAND COUNTY, TEXAS	SHEET
OVERALL ROADWAY STATIONING WCR 30 STA 22+00 TO END	25



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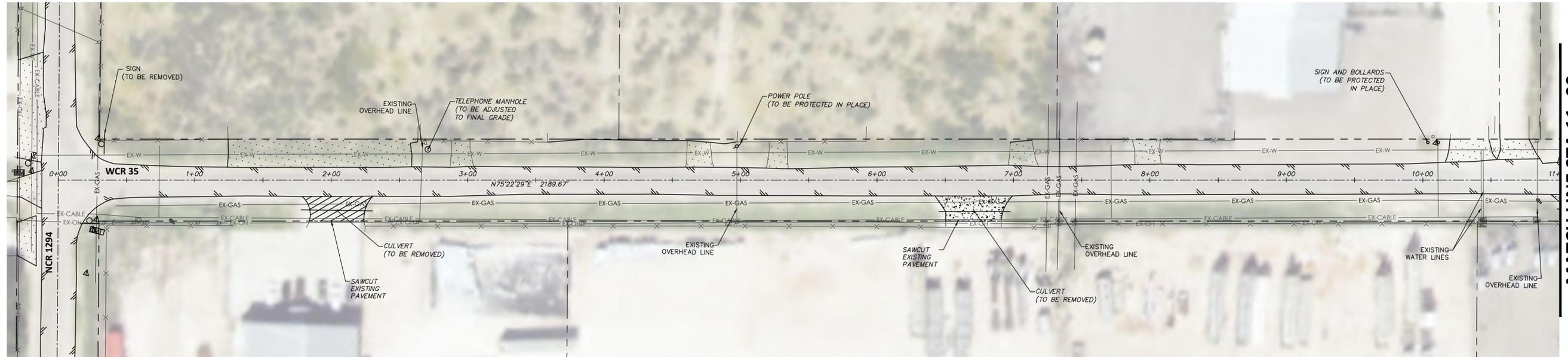
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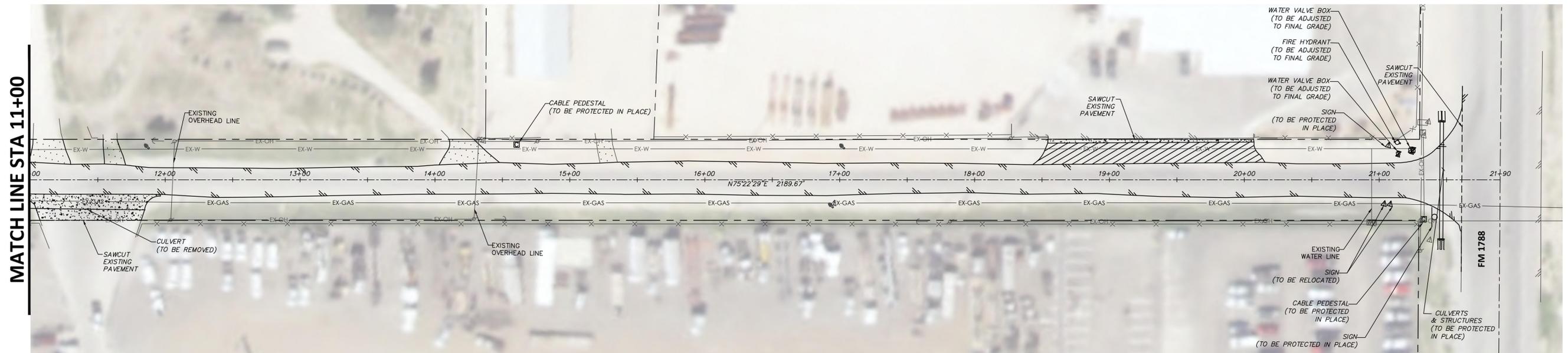
BENCHMARK:

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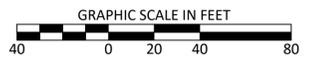
WEST COUNTY ROAD 35



MATCH LINE STA 11+00



MATCH LINE STA 11+00



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 PLOTTED BY: BAKER
 PLOTTED DATE: 1/11/22

NO.	REVISION	BY	DATE	CHECKED

MMC	DESIGNED	MMC	DRAWN	JLB

**MIDLAND COUNTY
MIDLAND, TEXAS**

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

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

STATE OF TEXAS
 JENNIFER L. BECKER
 LICENSED PROFESSIONAL ENGINEER
 102960
Jennifer L. Becker
 01/10/22

MIDLAND COUNTY PRECINCT 4
 YEAR 1 - CLUSTER 1 ROADS
 MIDLAND COUNTY, TEXAS
**OVERALL ROADWAY STATIONING
WCR 35**

DA PROJECT
B006794.001
 SHEET
26



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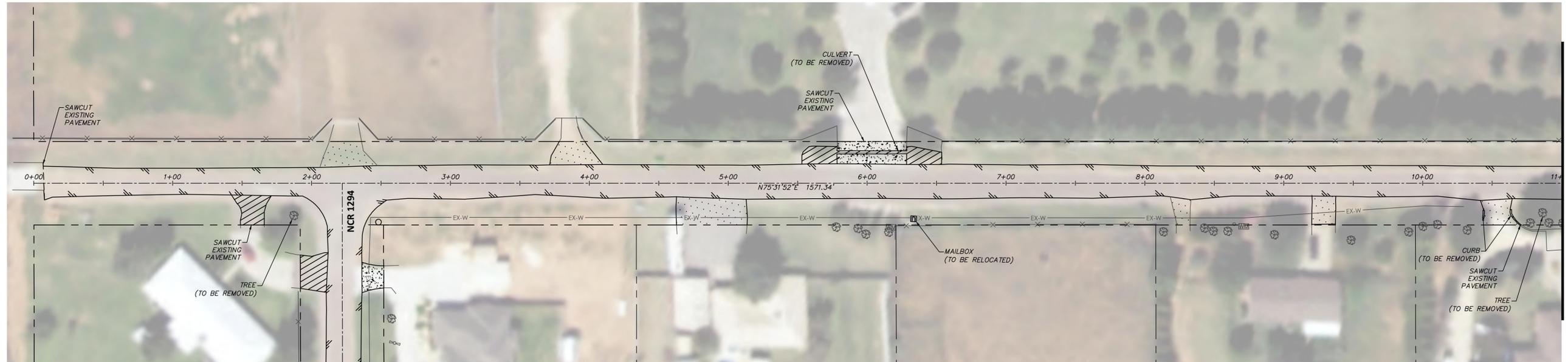
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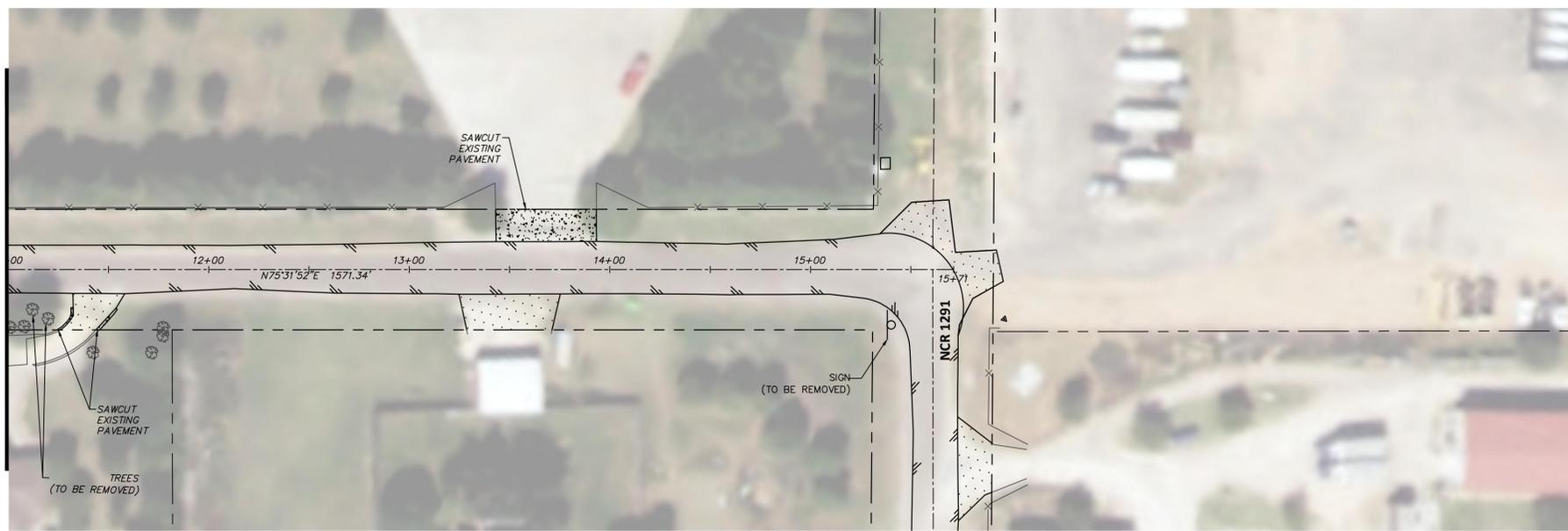
BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

WEST COUNTY ROAD 39



MATCH LINE STA 11+00



MATCH LINE STA 11+00



FULL PATH: G:\Production\4000\006794\001\01\Drawings\11+00\WCR39\ROADWAY STATIONING.dwg
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 PLOTTED BY: JENNIFER L. BECKER
 PLOTTED ON: 01/10/22
 PLOTTED AT: 11:51:18 AM

NO.	REVISION	BY	DATE

MMC	DESIGNED	MMC	DRAWN	JLB	CHECKED
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**MIDLAND COUNTY
MIDLAND, TEXAS**

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

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

STATE OF TEXAS
 JENNIFER L. BECKER
 102960
 LICENSED PROFESSIONAL ENGINEER
Jennifer L. Becker
 01/10/22

MIDLAND COUNTY PRECINCT 4	DA PROJECT B006794.001
YEAR 1 - CLUSTER 1 ROADS MIDLAND COUNTY, TEXAS	SHEET
OVERALL ROADWAY STATIONING WCR 39	27



WARNING TO CONTRACTOR:

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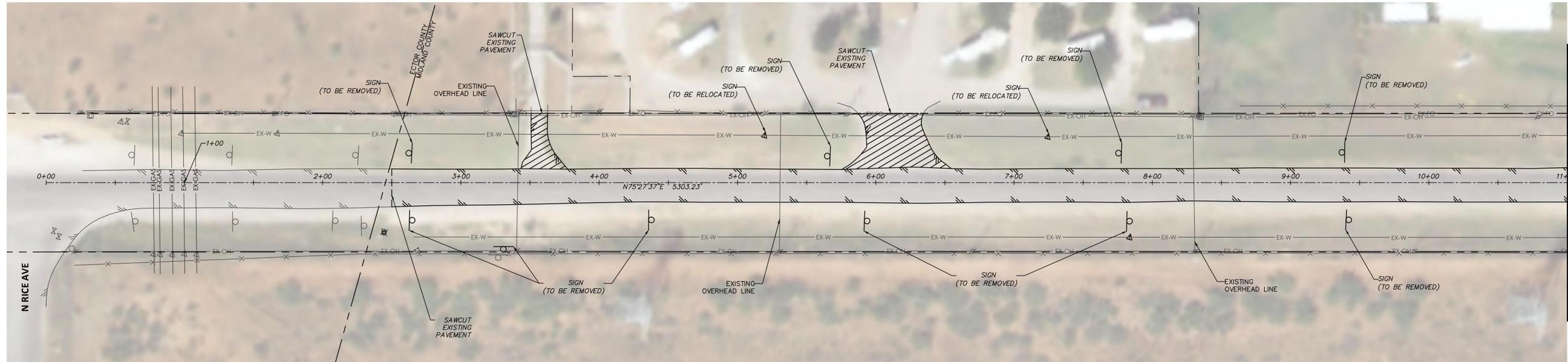
STATE PLANE COORDINATE NOTE:

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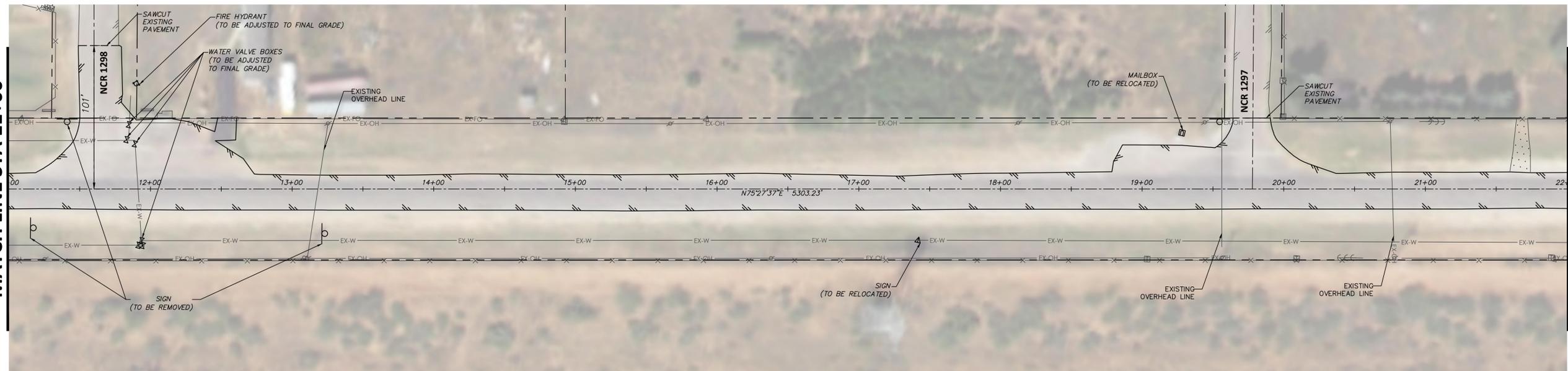
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SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

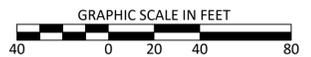
WEST COUNTY ROAD 40



MATCH LINE STA 11+00



MATCH LINE STA 22+00



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 PLOTTED BY: JENNIFER L. BECKER
 PLOTTED AT: 1:55:28 PM

NO.	REVISION	BY	DATE	CHECKED

MMC DESIGNED	MIDLAND COUNTY MIDLAND, TEXAS	SCALE
MMC DRAWN		HORIZ 1" = 40'
JLB JLB		VERT N/A
		DATE JANUARY 2022

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

MIDLAND COUNTY PRECINCT 4	DA PROJECT B006794.001
YEAR 1 - CLUSTER 1 ROADS MIDLAND COUNTY, TEXAS	SHEET
OVERALL ROADWAY STATIONING WCR 40 STA 0+00 TO 22+00	28



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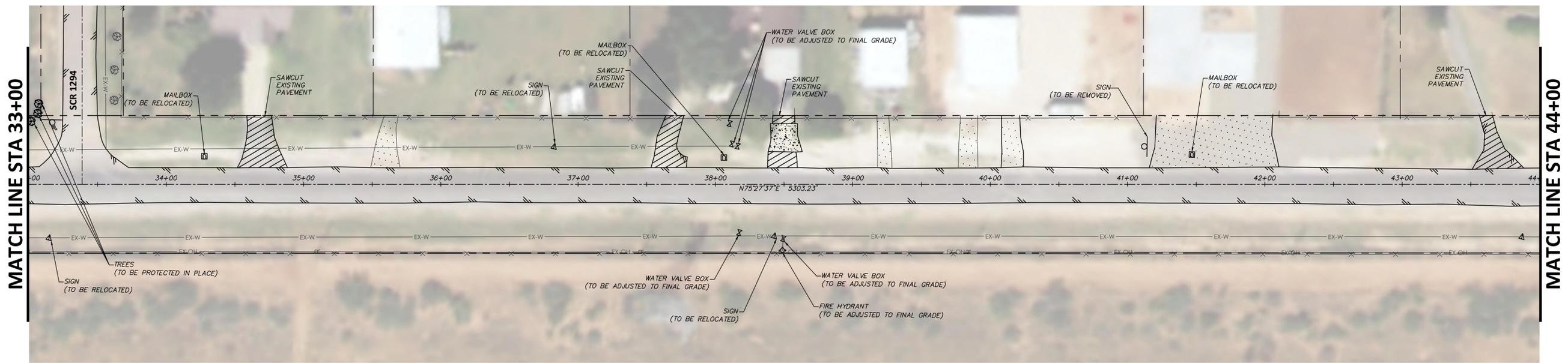
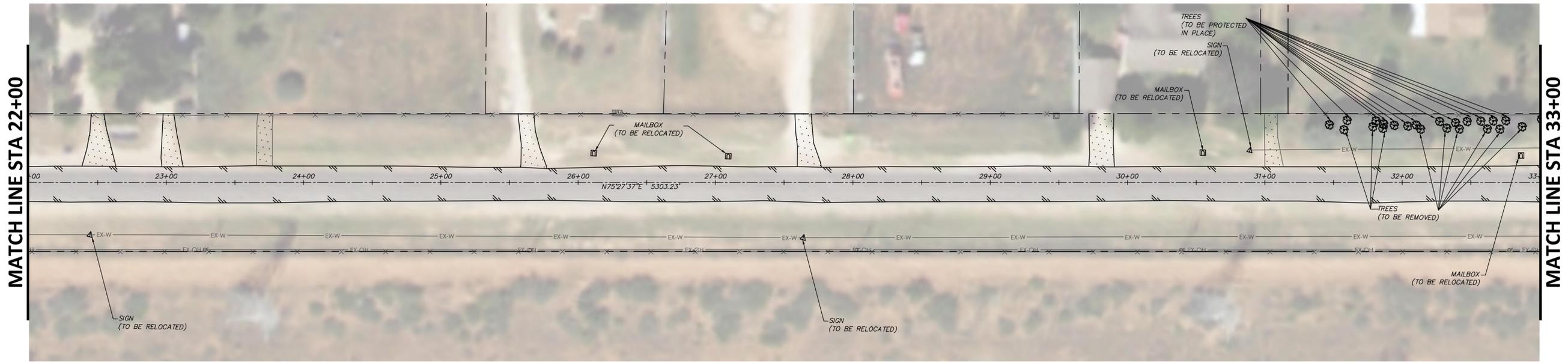
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BENCHMARK:
SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

WEST COUNTY ROAD 40



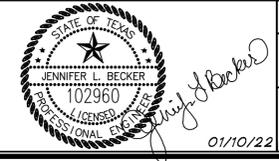
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 PLOTTED AT: 1:55:28 PM
 PLOTTED DATE: 01/10/22

NO.	REVISION	BY	DATE	CHECKED

MMC
 DESIGNED
 MMC
 DRAWN
 JLB
 CHECKED

**MIDLAND COUNTY
 MIDLAND, TEXAS**

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



MIDLAND COUNTY PRECINCT 4
 YEAR 1 - CLUSTER 1 ROADS
 MIDLAND COUNTY, TEXAS
**OVERALL ROADWAY STATIONING
 WCR 40 STA 22+00 TO 44+00**

DA PROJECT
 B006794.001
 SHEET
29



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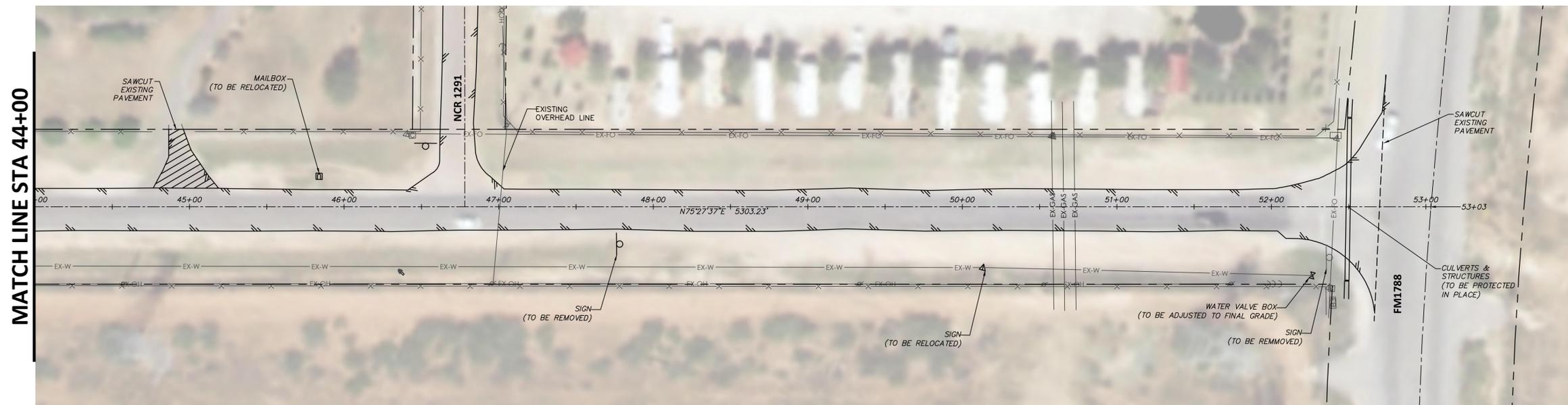
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BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

WEST COUNTY ROAD 40



MATCH LINE STA 44+00



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PLOTTER BY: Barbara Baker
PLOT DATE: 01/10/2022
PLOT TIME: 1:57:28 PM

NO.	REVISION	BY	DATE	CHECKED

DESIGNED	MMC
DRAWN	JLB
CHECKED	

**MIDLAND COUNTY
MIDLAND, TEXAS**

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

DUNAWAY
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Tel: 432.699.4889
[TX REG. F-1114]



MIDLAND COUNTY PRECINCT 4
YEAR 1 - CLUSTER 1 ROADS
MIDLAND COUNTY, TEXAS
**OVERALL ROADWAY STATIONING
WCR 40 STA 44+00 TO END**

DA PROJECT	B006794.001
SHEET	30



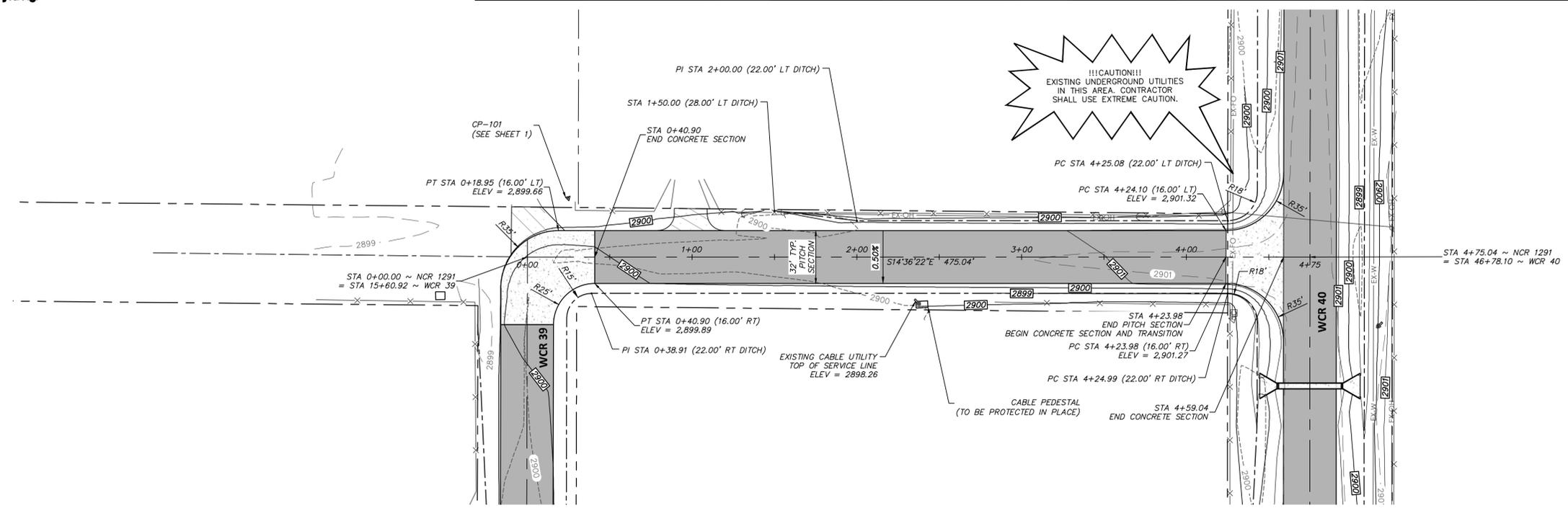
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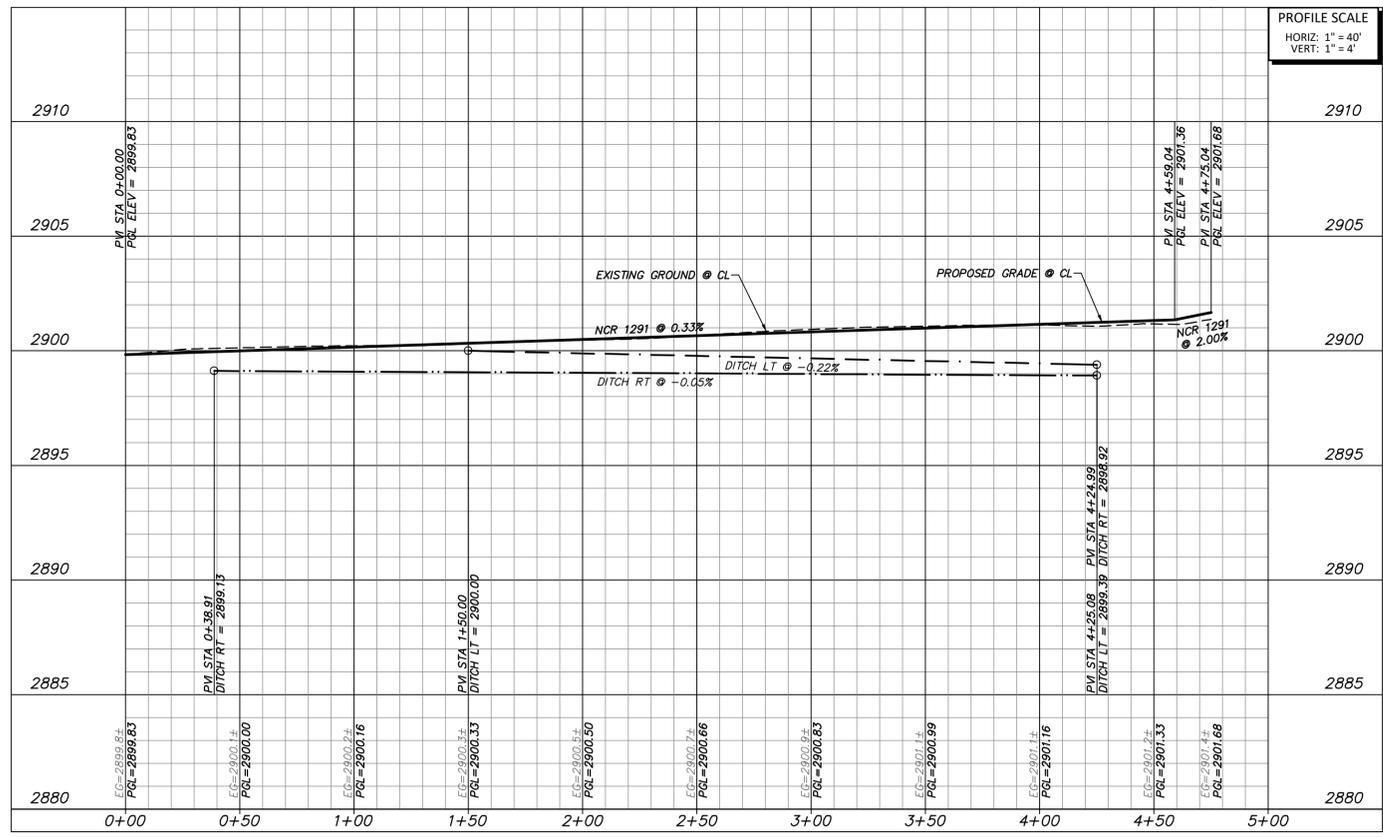
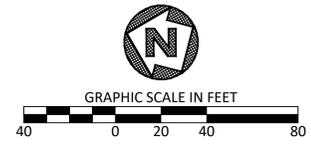
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BENCHMARK:
SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.



NORTH COUNTY ROAD 1291



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 PLOTTED AT: 1:58:27 PM
 PLOTTED DATE: 11/10/22

NO.	REVISION	BY	DATE	CHECKED

MMC
 DESIGNED
 MMC
 DRAWN
 JLB
 CHECKED

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

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

MIDLAND COUNTY PRECINCT 4	DA PROJECT B006794.001
YEAR 1 - CLUSTER 1 ROADS MIDLAND COUNTY, TEXAS	SHEET
PLAN AND PROFILE NCR 1291 STA 0+00 TO END	31



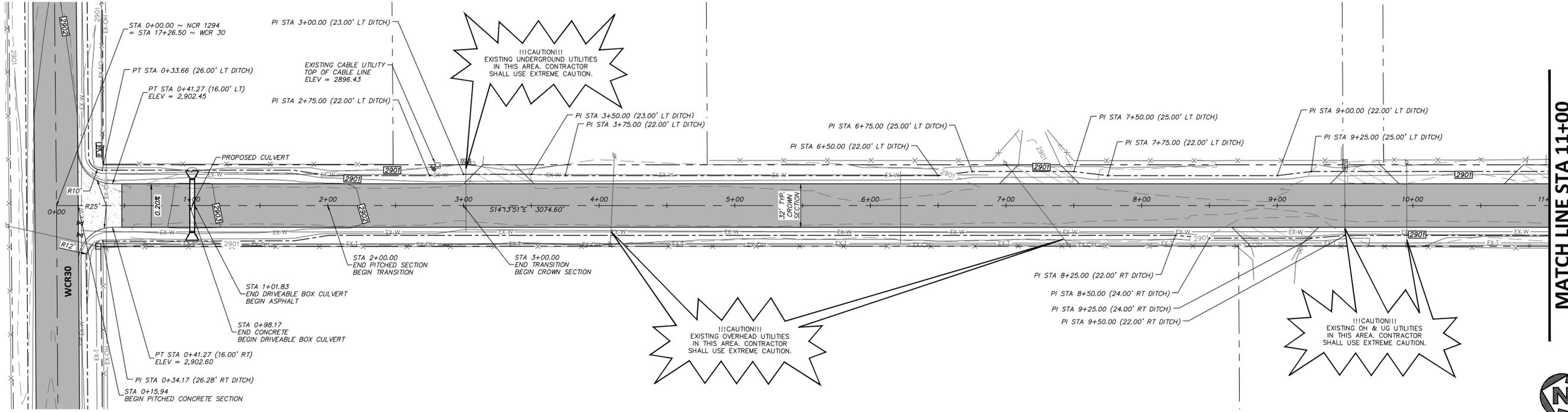
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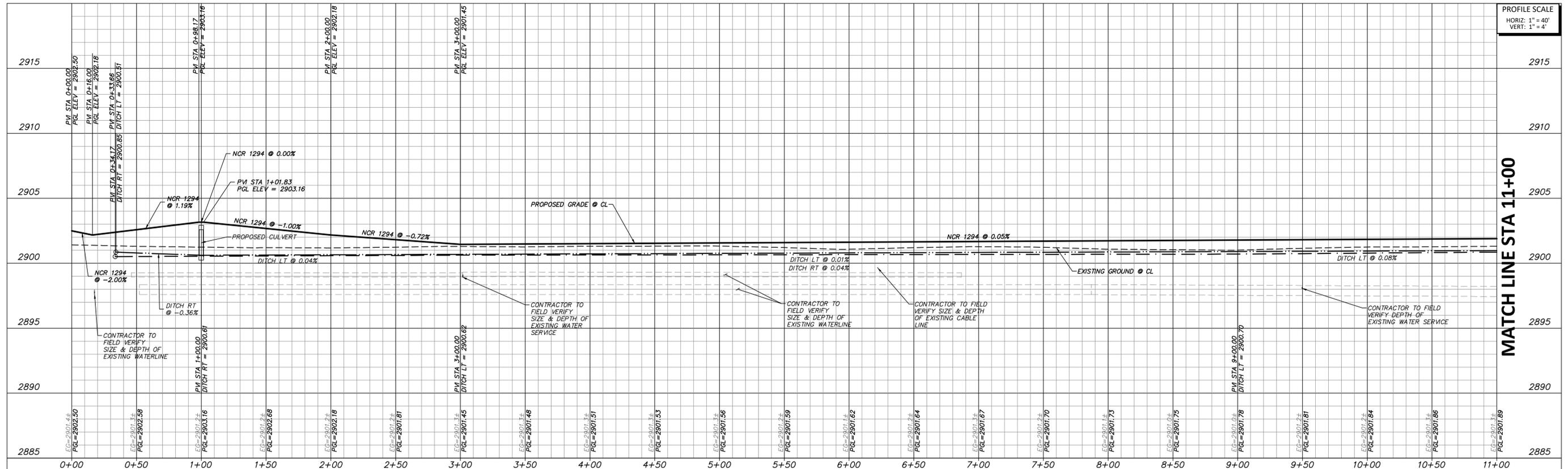
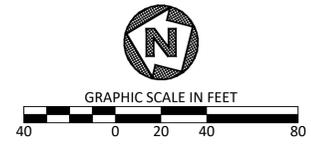
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BENCHMARK:
SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.



NORTH COUNTY ROAD 1294 (NORTH)



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 PLOTTED AT: 1:58:58 PM
 PLOTTED ON: 01/10/22

NO.	REVISION	BY	DATE	CHECKED

MMC
 DESIGNED
 MMC
 DRAWN
 JLB
 CHECKED

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

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

Jennifer L. Becker
 01/10/22

MIDLAND COUNTY PRECINCT 4
 YEAR 1 - CLUSTER 1 ROADS
 MIDLAND COUNTY, TEXAS
PLAN AND PROFILE
NCR 1294 STA 0+00 TO 11+00

DA PROJECT
 B006794.001
 SHEET
32



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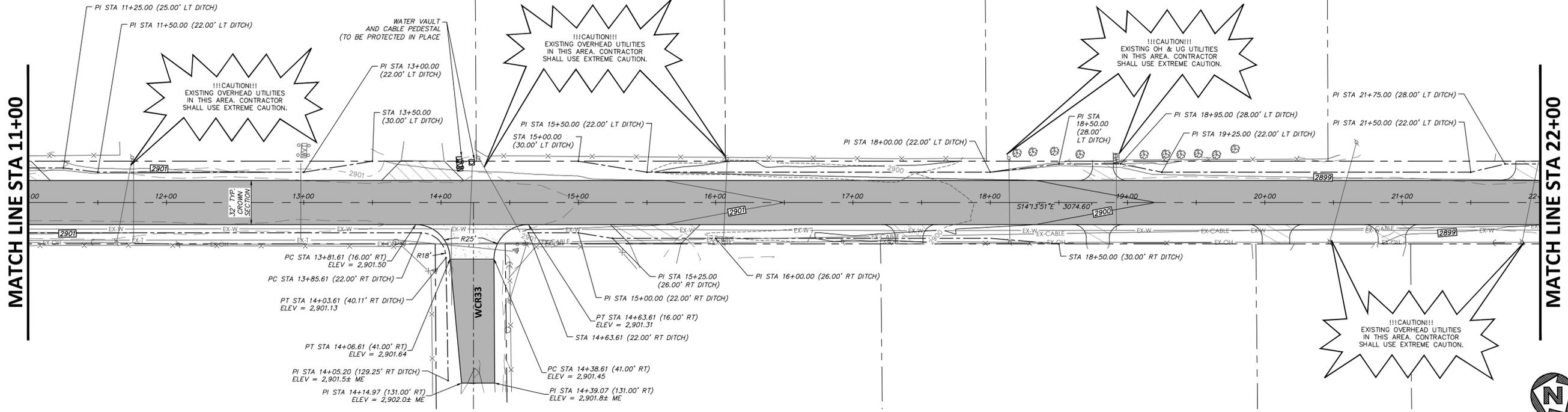
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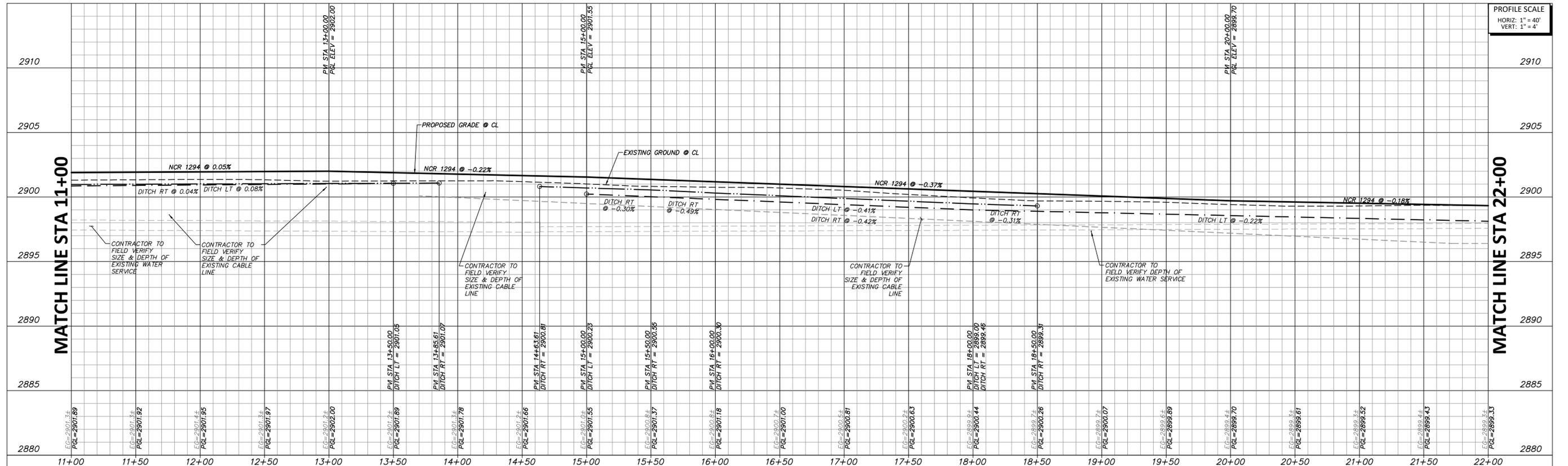
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NORTH COUNTY ROAD 1294 (NORTH)



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PLOT DATE: 1/11/22

NO.	REVISION	BY	DATE	CHECKED

MMC
DESIGNED
MMC
DRAWN
JLB
DATE
JANUARY 2022

**MIDLAND COUNTY
MIDLAND, TEXAS**

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

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

STATE OF TEXAS
102960
JENNIFER L. BECKER
PROFESSIONAL ENGINEER
01/10/22

MIDLAND COUNTY PRECINCT 4
YEAR 1 - CLUSTER 1 ROADS
MIDLAND COUNTY, TEXAS

**PLAN AND PROFILE
NCR 1294 (N) STA 11+00 TO 22+00**

DA PROJECT
B006794.001

SHEET
33



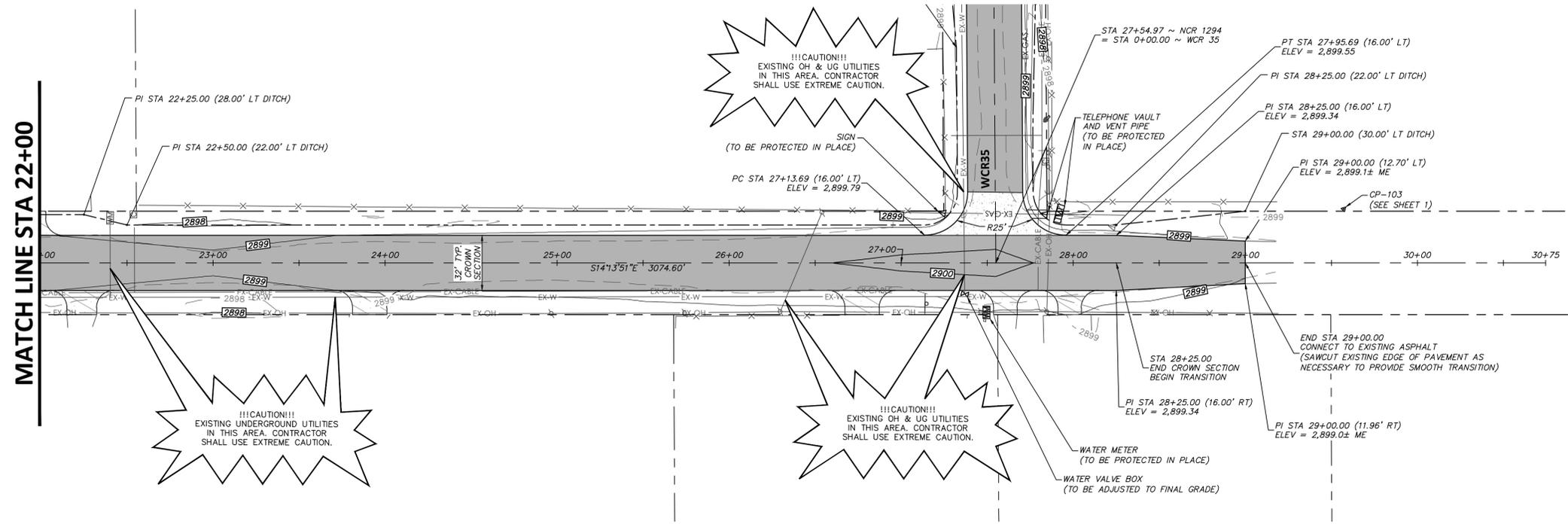
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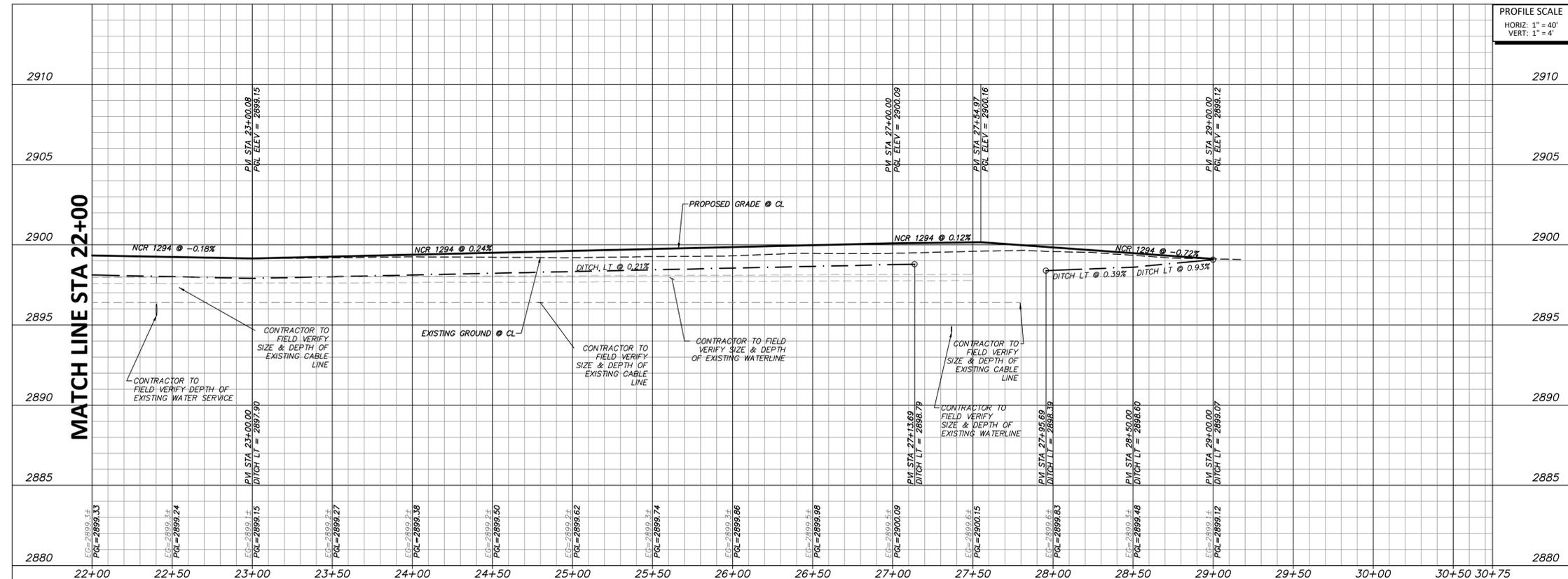
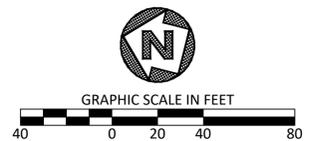
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NORTH COUNTY ROAD 1294 (NORTH)



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 PLOTTED AT: 1:55:32 PM

NO.	REVISION	BY	DATE	CHECKED

MMC
 DESIGNED
 MMC
 DRAWN
 JLB
 CHECKED

**MIDLAND COUNTY
 MIDLAND, TEXAS**

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

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

MIDLAND COUNTY PRECINCT 4
 YEAR 1 - CLUSTER 1 ROADS
 MIDLAND COUNTY, TEXAS

**PLAN AND PROFILE
 NCR 1294 (N) STA 22+00 TO END**

DA PROJECT
 B006794.001

SHEET
34



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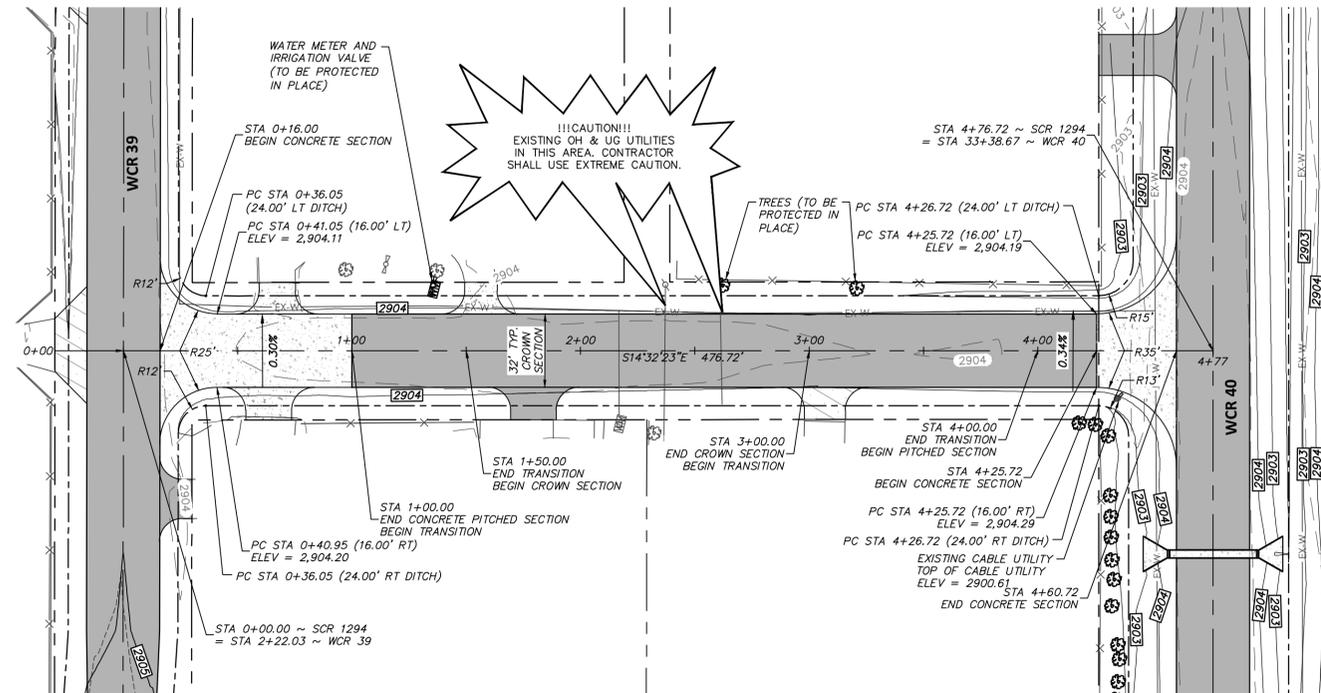
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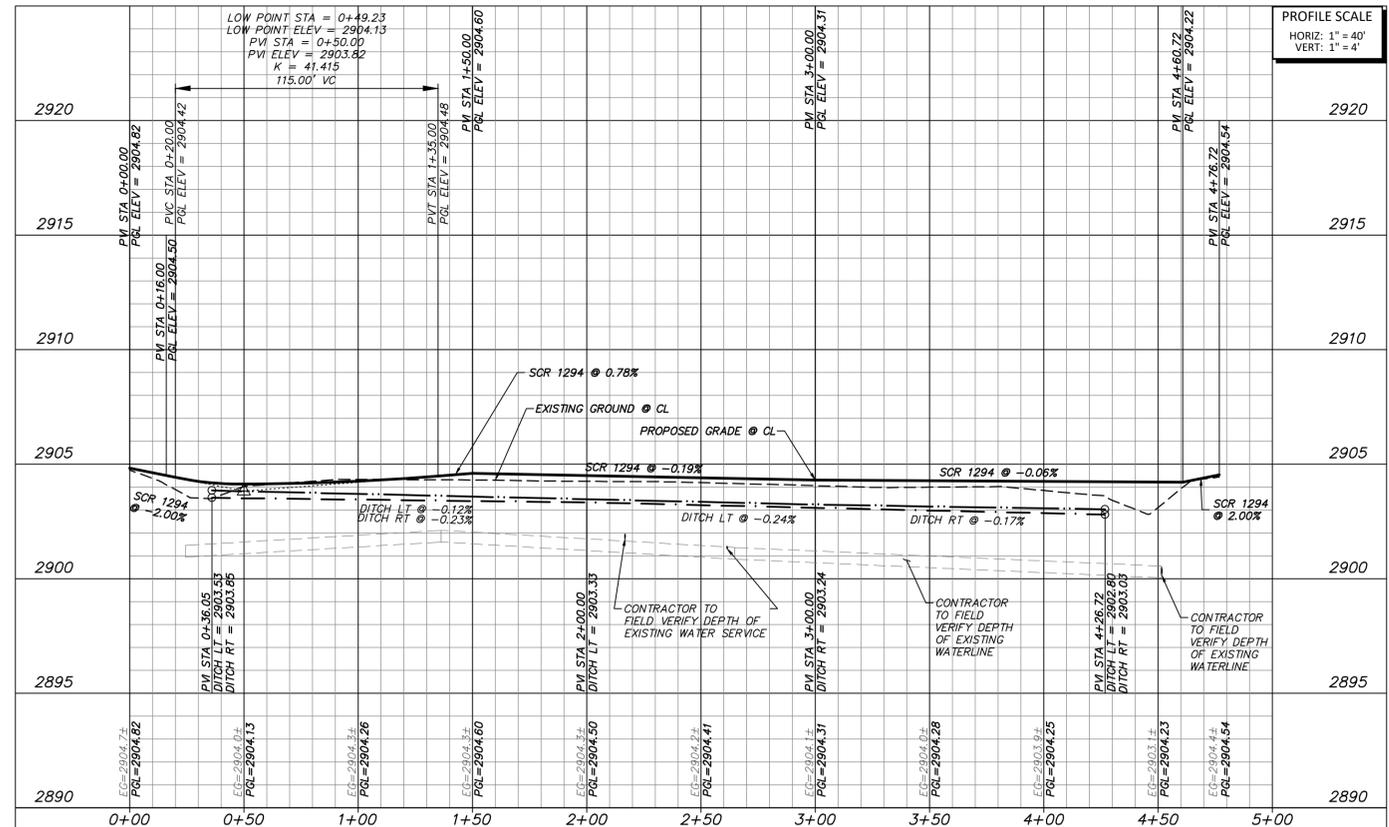
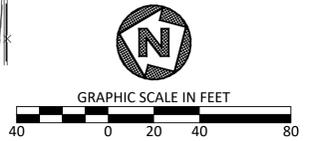
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BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.



NORTH COUNTY ROAD 1294 (SOUTH)



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 PLOTTED AT: 1:55:59 PM

NO.	REVISION	BY	DATE	CHECKED

MMC DESIGNED	<p>MIDLAND COUNTY MIDLAND, TEXAS</p>	SCALE HORIZ 1" = 40'
MMC DRAWN		VERT 1" = 4'
JLB		DATE JANUARY 2022

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

Jennifer L. Becker
 01/10/22

MIDLAND COUNTY PRECINCT 4 YEAR 1 - CLUSTER 1 ROADS MIDLAND COUNTY, TEXAS	DA PROJECT B006794.001
PLAN AND PROFILE NCR 1294 (S) STA 0+00 TO END	SHEET 35



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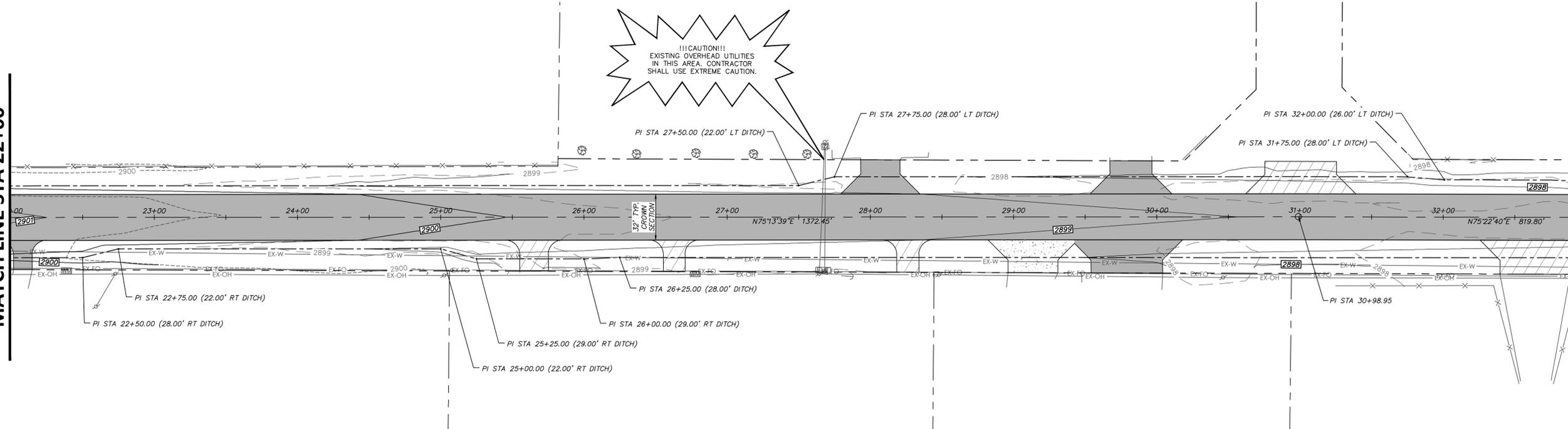
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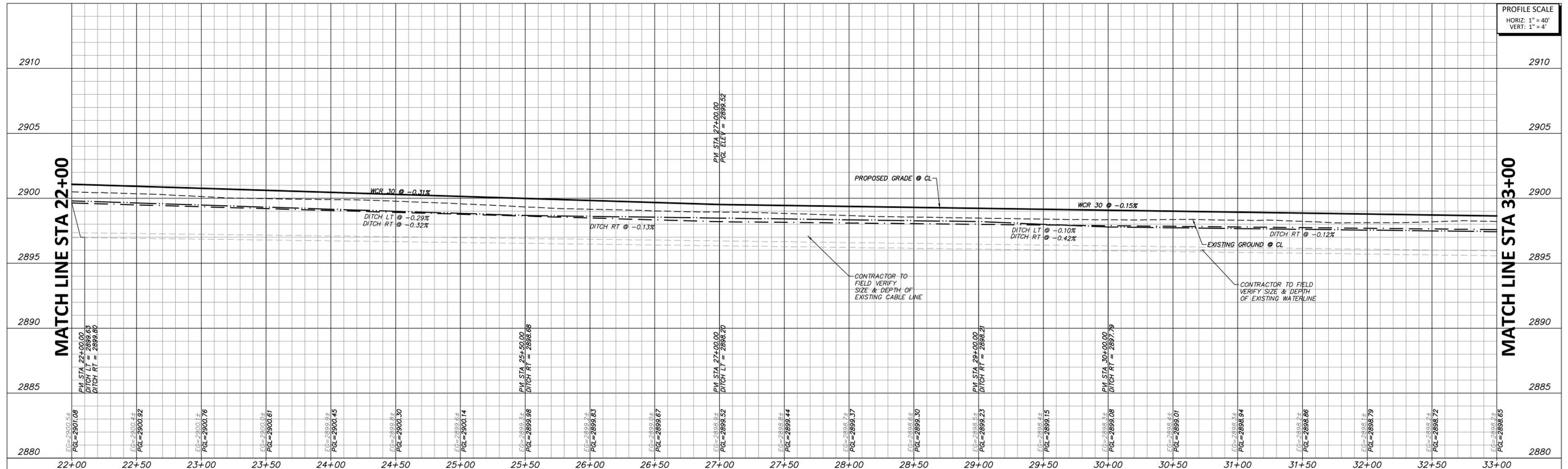
SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

MATCH LINE STA 22+00

MATCH LINE STA 33+00



WEST COUNTY ROAD 30



FILE PATH: G:\production\4000\06794\001\CADD\Drawings\Plan\Sheet\WCR30.Plot.dwg

FILENAME: WCR30.Plot.dwg
PLOTTER: Reviewer
PLOT DATE: 1/11/2022

NO.	REVISION	BY	DATE	CHECKED

MMC
DESIGNED
MMC
DRAWN
JLB
DATE
JANUARY 2022

**MIDLAND COUNTY
MIDLAND, TEXAS**

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

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

STATE OF TEXAS
JENNIFER L. BECKER
102960
LICENSED PROFESSIONAL ENGINEER
01/10/22

MIDLAND COUNTY PRECINCT 4
YEAR 1 - CLUSTER 1 ROADS
MIDLAND COUNTY, TEXAS

**PLAN AND PROFILE
WCR 30 STA 22+00 TO 33+00**

DA PROJECT
B006794.001

SHEET
38



WARNING TO CONTRACTOR:

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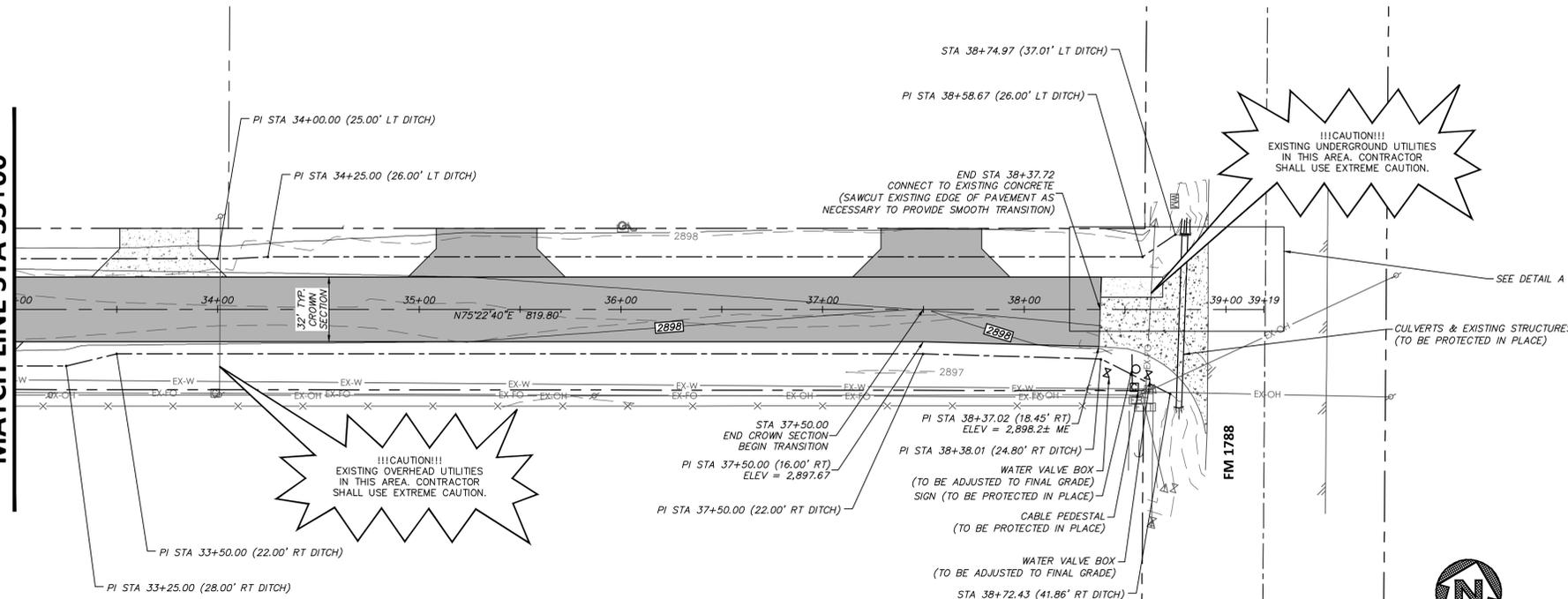
STATE PLANE COORDINATE NOTE:

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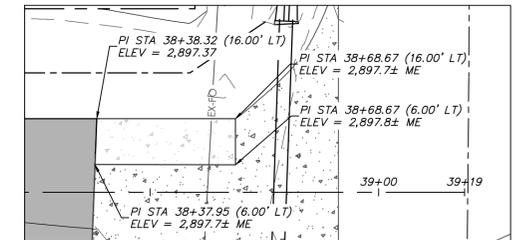
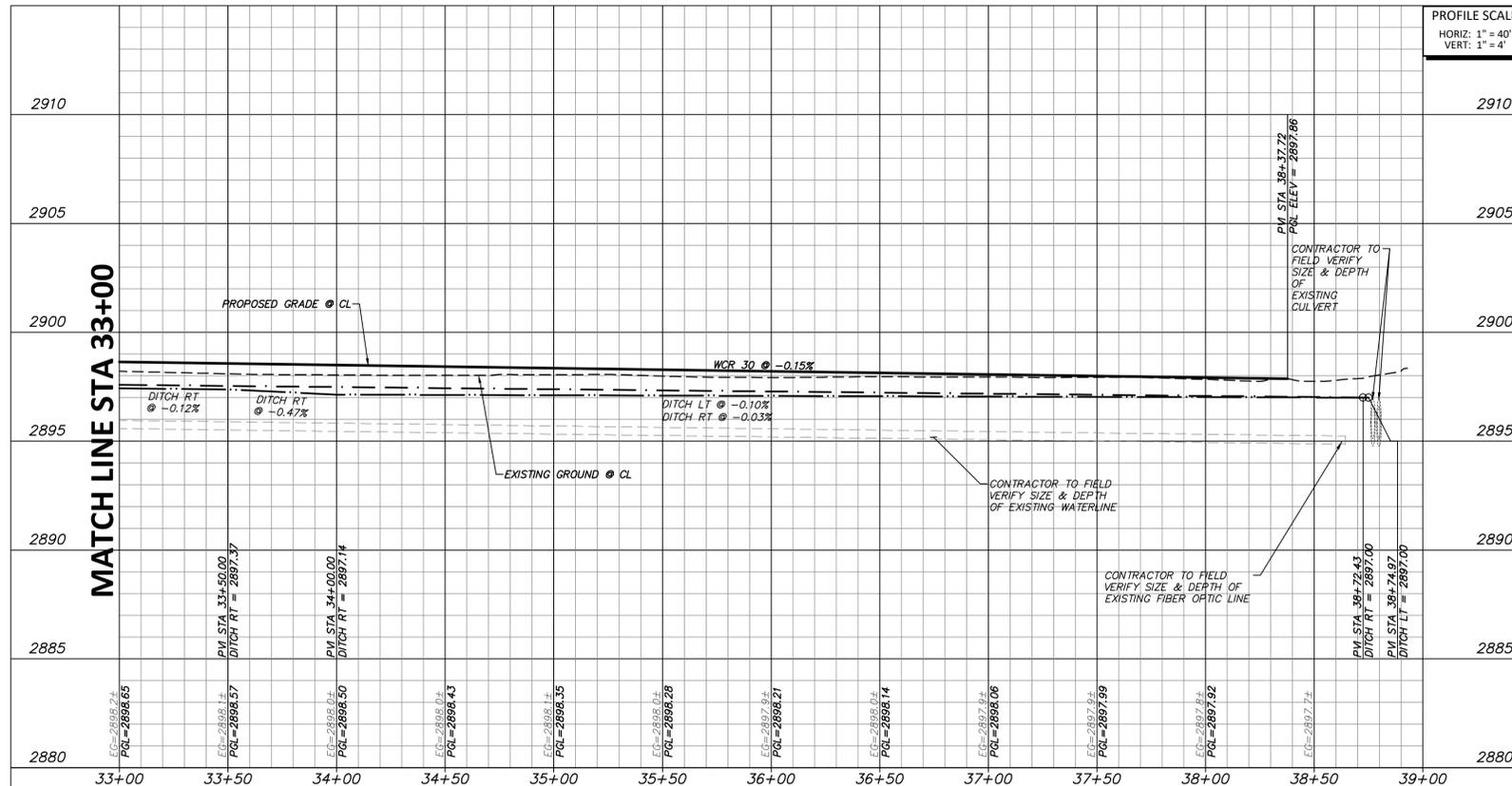
BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

MATCH LINE STA 33+00



WEST COUNTY ROAD 30



DETAIL A
NOT TO SCALE

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PLOTTER: Reviewer
PLOT DATE: 2/23/22 7:03:29 PM

NO.	REVISION	BY	DATE

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

DUNAWAY

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

Jennifer L. Becker
01/10/22

MIDLAND COUNTY PRECINCT 4	DA PROJECT B006794.001
YEAR 1 - CLUSTER 1 ROADS MIDLAND COUNTY, TEXAS	SHEET
PLAN AND PROFILE WCR 30 STA 33+00 TO END	39



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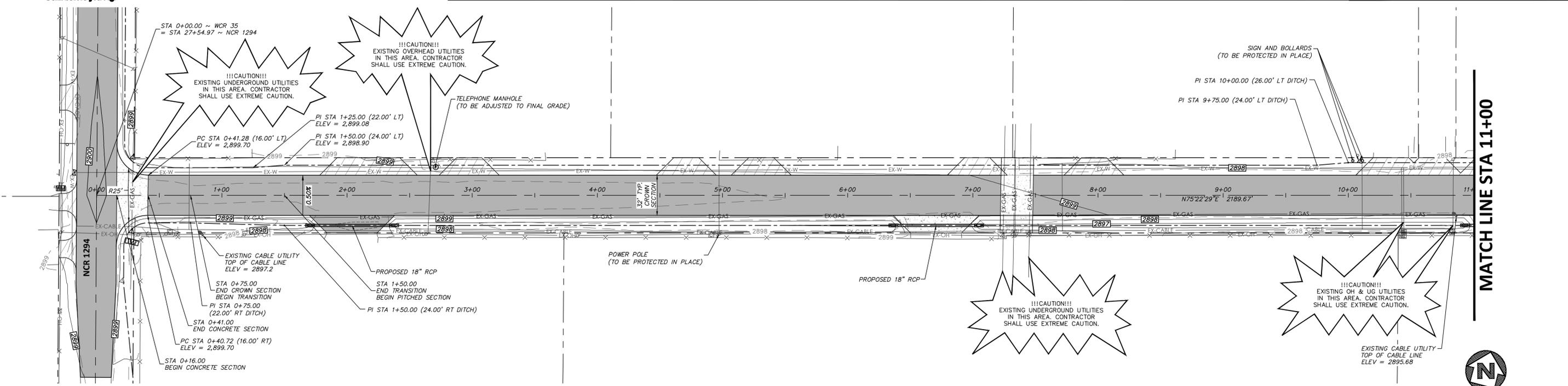
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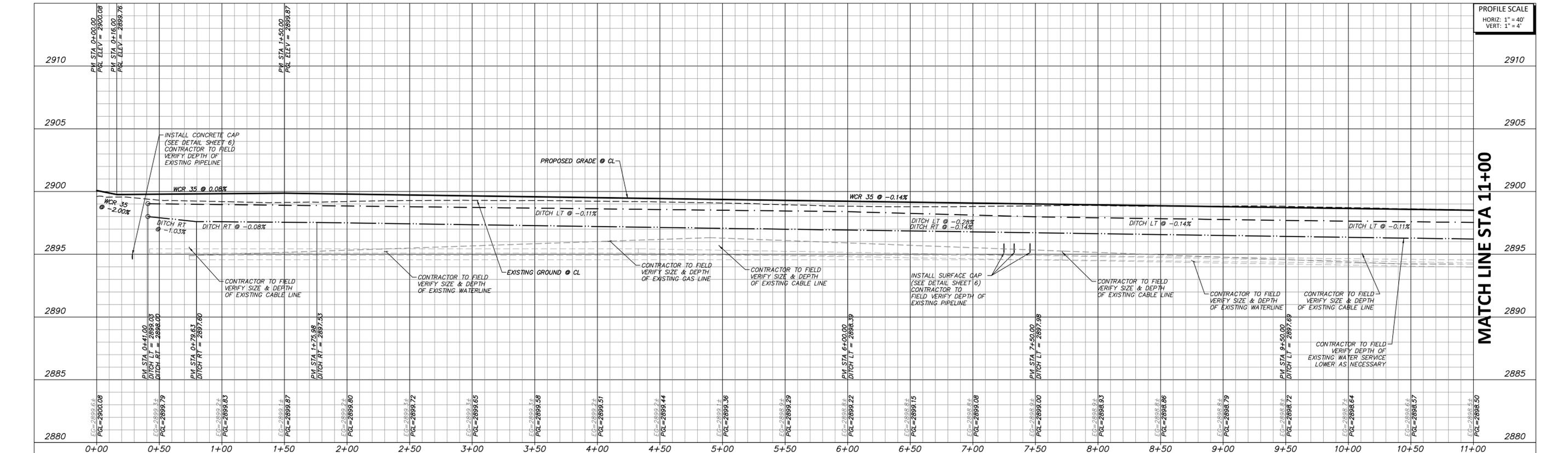
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BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.



WEST COUNTY ROAD 35



NO.	REVISION	BY	DATE	CHECKED

MIDLAND COUNTY
MIDLAND, TEXAS

MMC
DESIGNED
MMC
DRAWN
JLB
CHECKED

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

DUNAWAY

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

STATE OF TEXAS
102960
JENNIFER L. BECKER
PROFESSIONAL ENGINEER
01/10/22

MIDLAND COUNTY PRECINCT 4
YEAR 1 - CLUSTER 1 ROADS
MIDLAND COUNTY, TEXAS

PLAN AND PROFILE
WCR 35 STA 0+00 TO 11+00

DA PROJECT
B006794.001

SHEET
40

FULL PATH: G:\projects\4000\006794\001\CAD\Drawings\Plan\Sheet\WCR35.dwg
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 PLOTTED AT: 2/8/22 10:58 AM



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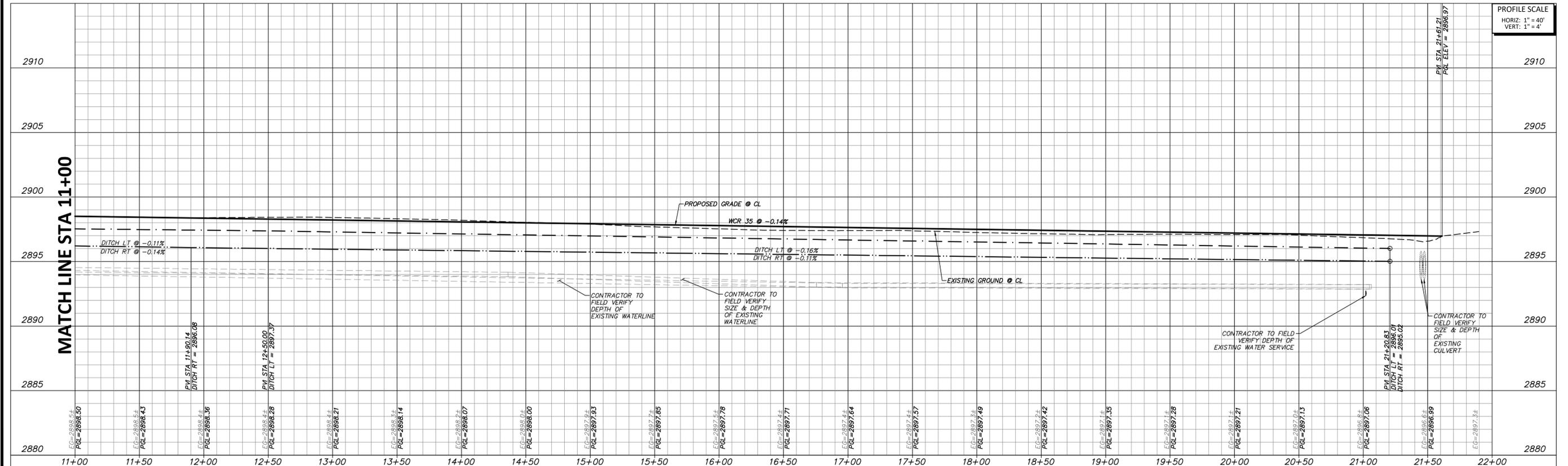
MATCH LINE STA 11+00

MATCH LINE STA 11+00

WEST COUNTY ROAD 35



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



NO.	REVISION	BY	DATE	CHECKED

MMC
DESIGNED
MMC
DRAWN
JLB
CHECKED

**MIDLAND COUNTY
MIDLAND, TEXAS**

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

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

MIDLAND COUNTY PRECINCT 4
YEAR 1 - CLUSTER 1 ROADS
MIDLAND COUNTY, TEXAS

**PLAN AND PROFILE
WCR 35 STA 11+00 TO END**

DA PROJECT	B006794.001
SHEET	41

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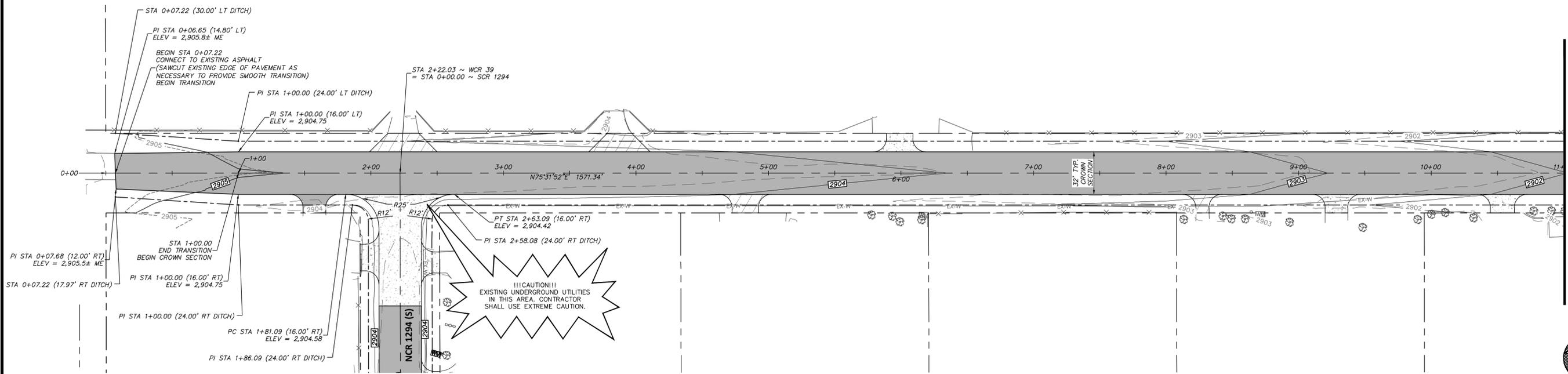
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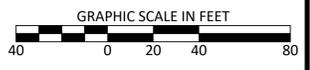
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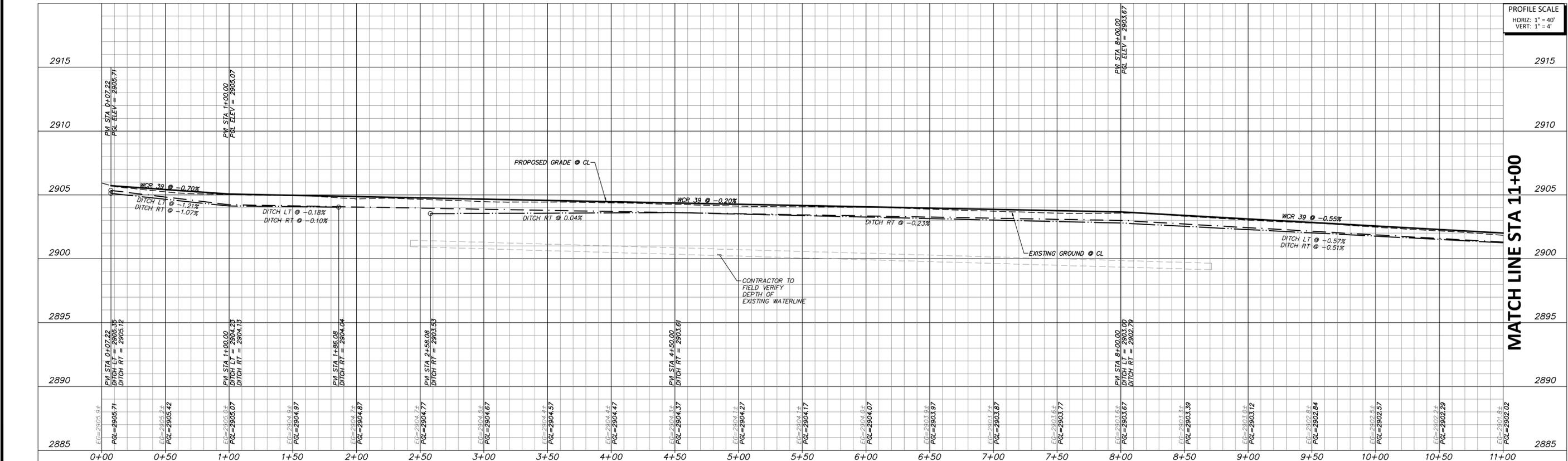
BENCHMARK:
SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.



WEST COUNTY ROAD 39



MATCH LINE STA 11+00



MATCH LINE STA 11+00

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

NO.	REVISION	BY	DATE	CHECKED

MMC
DESIGNED
MMC
DRAWN
JLB
CHECKED

**MIDLAND COUNTY
MIDLAND, TEXAS**

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

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

MIDLAND COUNTY PRECINCT 4
YEAR 1 - CLUSTER 1 ROADS
MIDLAND COUNTY, TEXAS

**PLAN AND PROFILE
WCR 39 STA 0+00 TO 11+00**

DA PROJECT
B006794.001

SHEET
42

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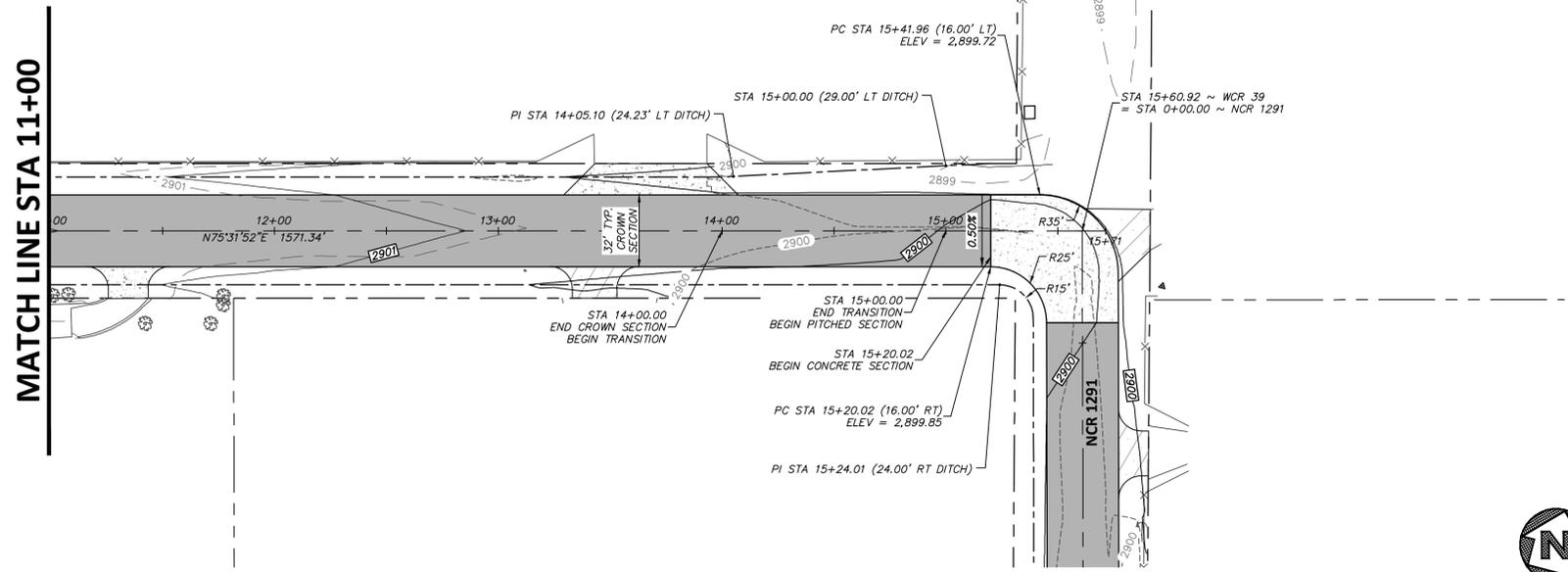
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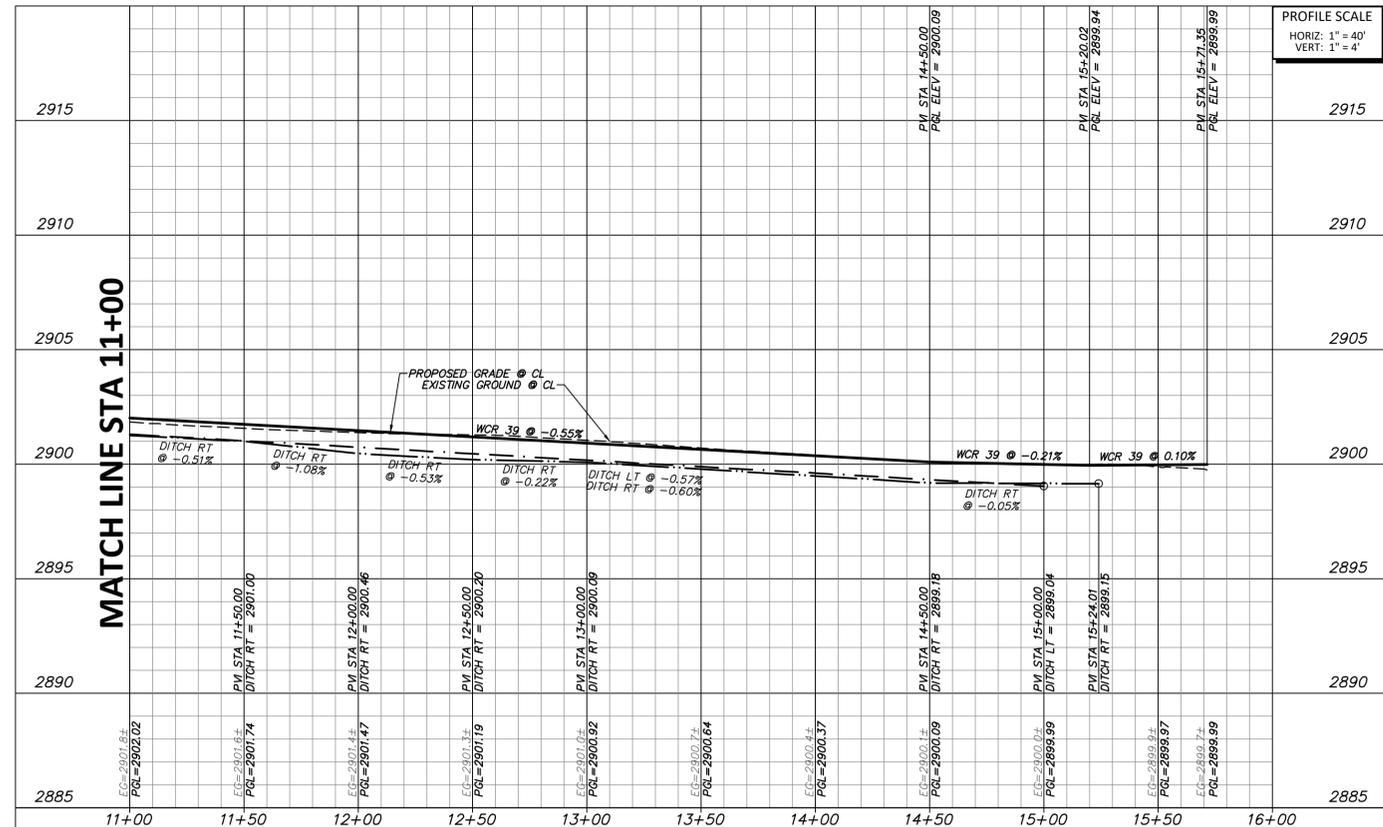
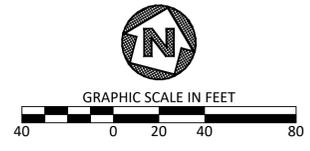
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BENCHMARK:
SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.



WEST COUNTY ROAD 39



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 PLOTTED BY: Rebecca Baker
 PLOTTED AT: 7:03:00 PM
 PLOTTED ON: 01/10/22

NO.		REVISION		BY	DATE	MMC DESIGNED MMC DRAWN JLB CHECKED	MIDLAND COUNTY MIDLAND, TEXAS	SCALE HORIZ 1" = 40' VERT 1" = 4' DATE JANUARY 2022	 4000 N. Big Spring Street • Suite 101 • Midland, Texas 79705 Tel: 432.699.4889 [TX REG. F-1114]		MIDLAND COUNTY PRECINCT 4 YEAR 1 - CLUSTER 1 ROADS MIDLAND COUNTY, TEXAS PLAN AND PROFILE WCR 39 STA 11+00 TO END	DA PROJECT B006794.001 SHEET 43
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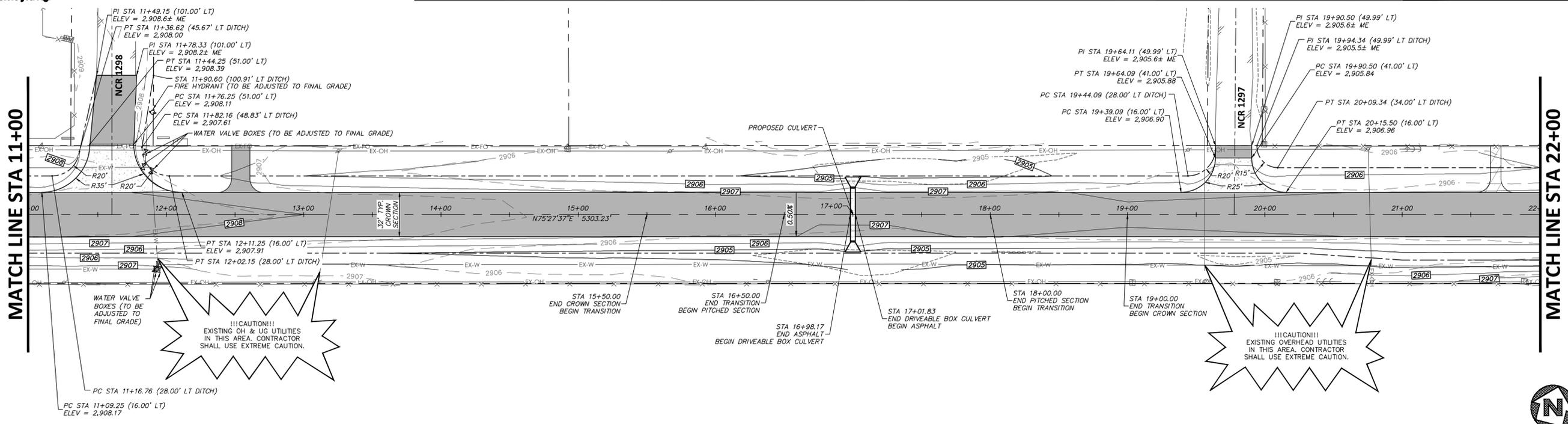
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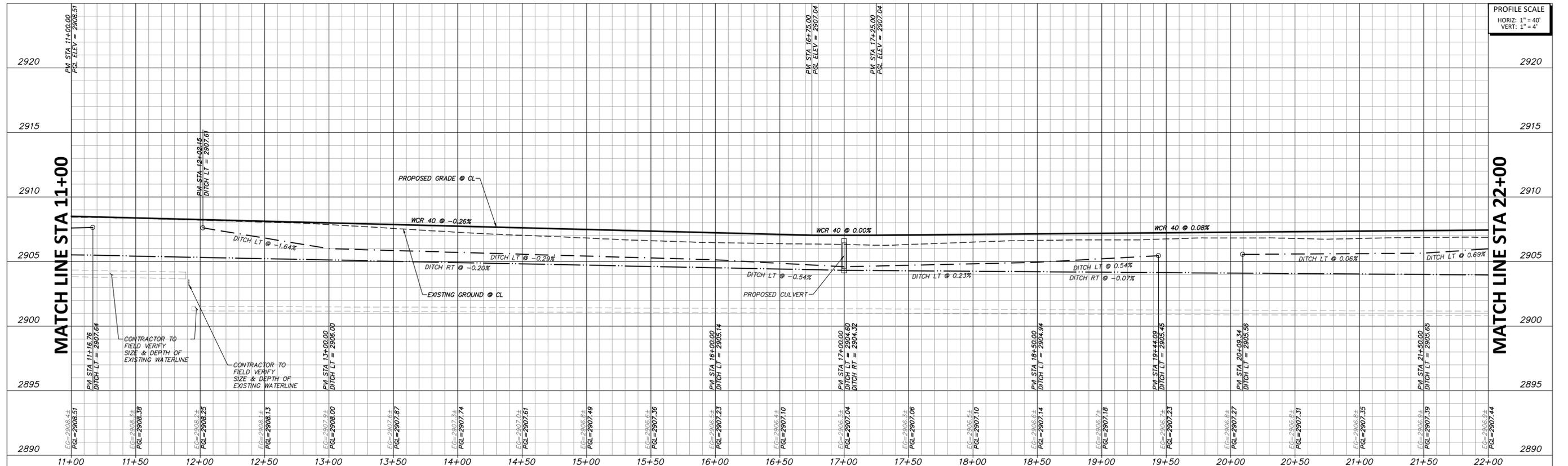
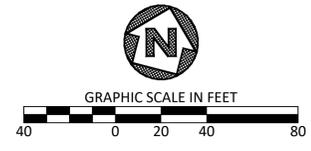
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SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.



WEST COUNTY ROAD 40



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NO.	REVISION	BY	DATE	CHECKED

MMC
 DESIGNED
 MMC
 DRAWN
 JLB
 CHECKED

**MIDLAND COUNTY
 MIDLAND, TEXAS**

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

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

MIDLAND COUNTY PRECINCT 4
 YEAR 1 - CLUSTER 1 ROADS
 MIDLAND COUNTY, TEXAS

**PLAN AND PROFILE
 WCR 40 STA 11+00 TO 22+00**

DA PROJECT
 B006794.001

SHEET
45



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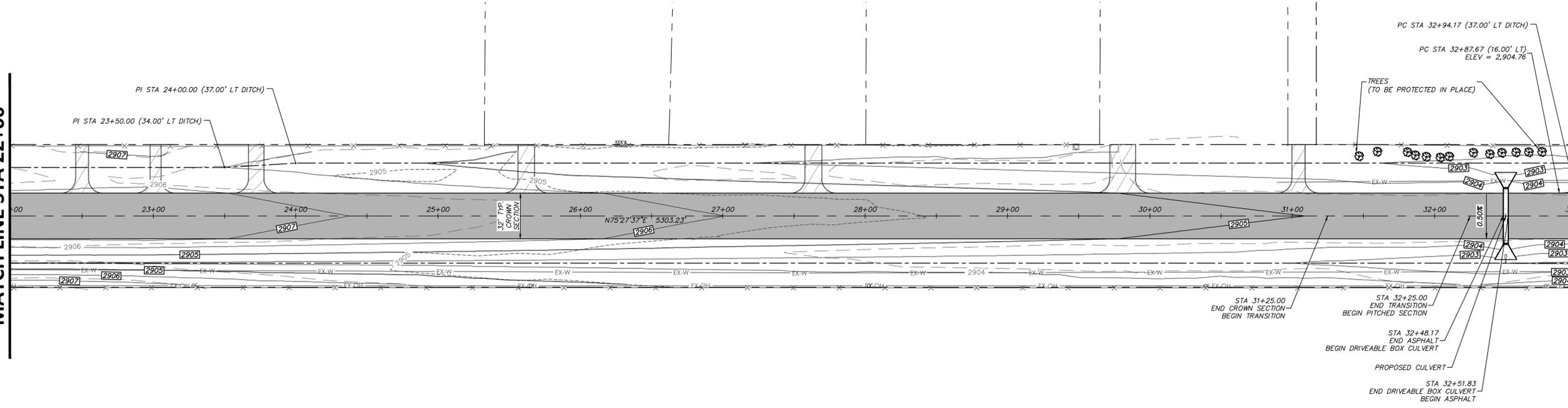
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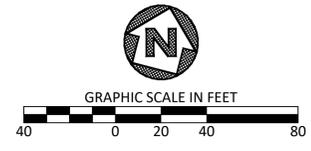
BENCHMARK:
SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

MATCH LINE STA 22+00

MATCH LINE STA 33+00

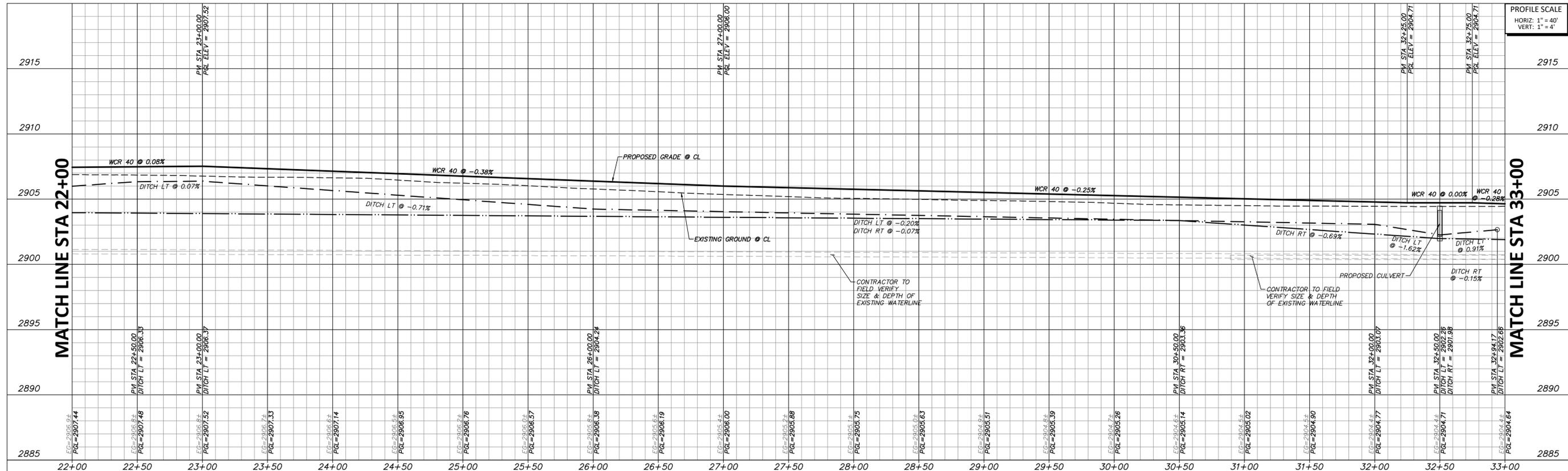


WEST COUNTY ROAD 40



MATCH LINE STA 22+00

MATCH LINE STA 33+00



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

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PLOTTER: Rehan Rahn
PLOTTER: ZARTE PLOT

NO.	REVISION	BY	DATE	CHECKED

**MIDLAND COUNTY
MIDLAND, TEXAS**

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

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

STATE OF TEXAS
JENNIFER L. BECKER
102960
LICENSED PROFESSIONAL ENGINEER
Jennifer L. Becker
01/10/22

MIDLAND COUNTY PRECINCT 4
YEAR 1 - CLUSTER 1 ROADS
MIDLAND COUNTY, TEXAS
**PLAN AND PROFILE
WCR 40 STA 22+00 TO 33+00**

DA PROJECT
B006794.001
SHEET
46



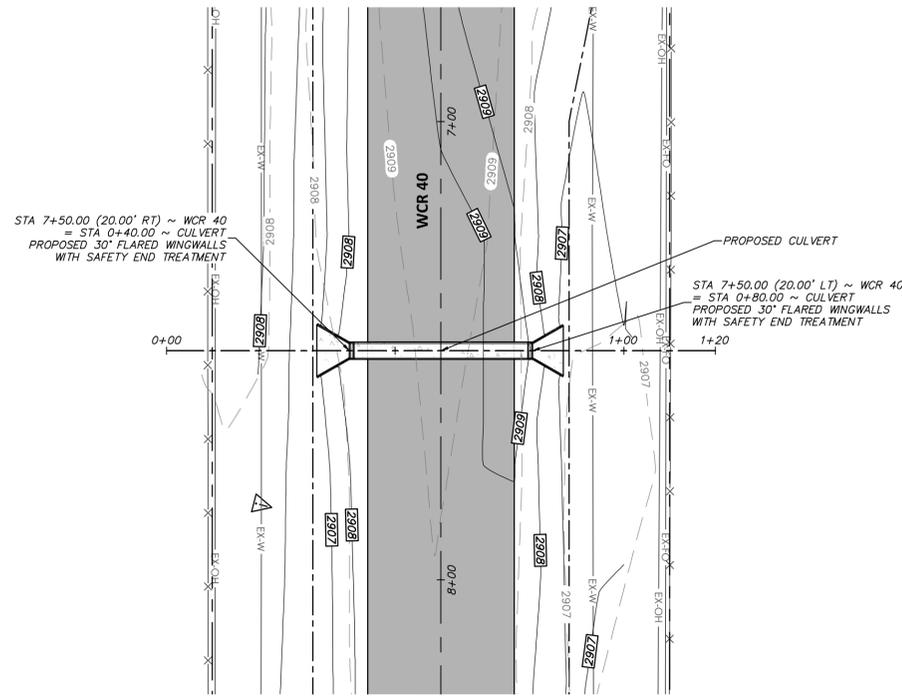
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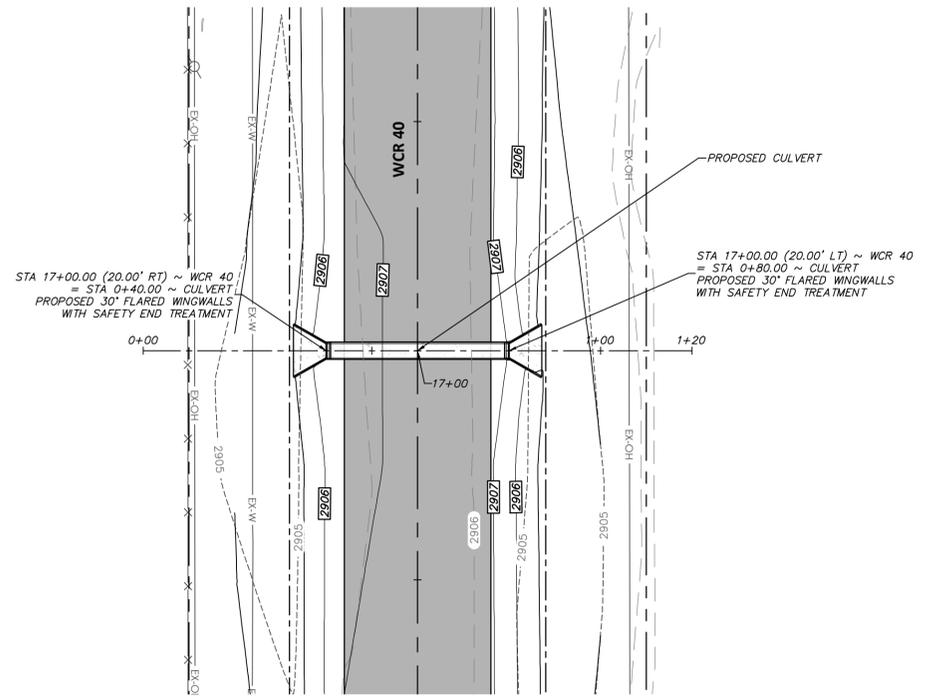
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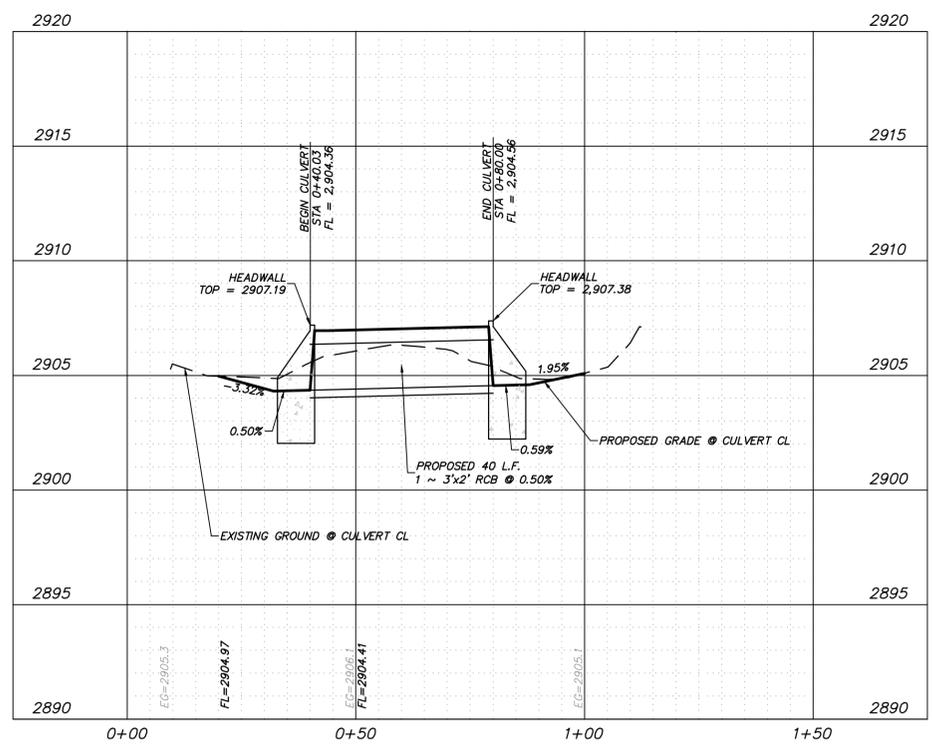
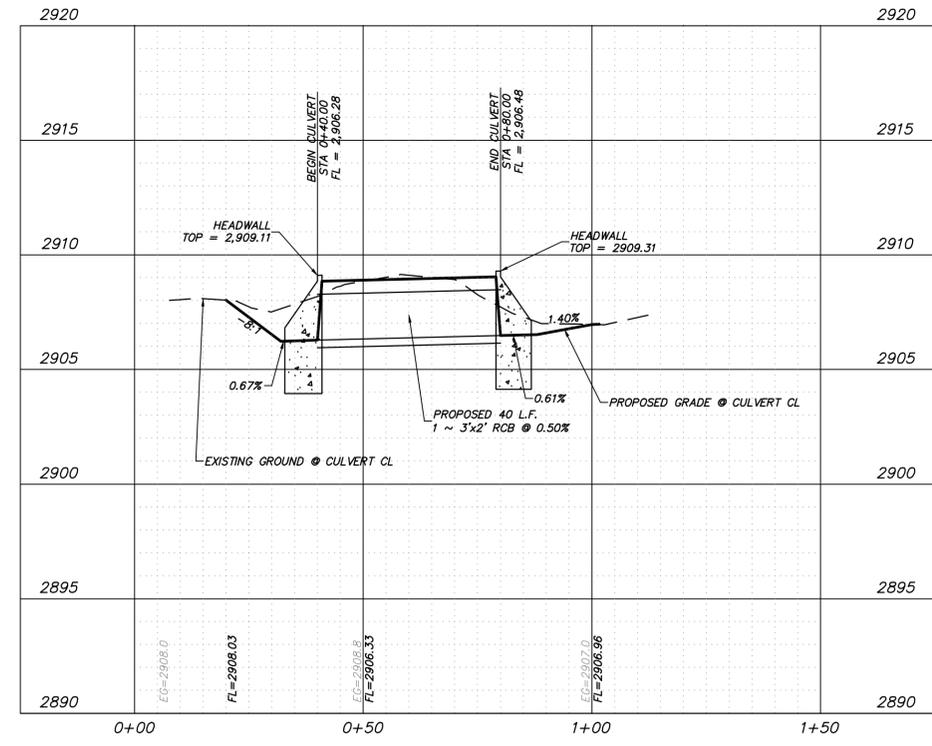


PROFILE SCALE
HORIZ: 1" = 20'
VERT: 1" = 5'



WCR 40 STA 7+50 CULVERT

WCR 40 STA 17+00 CULVERT



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 PLOTTED BY: RAKESH BABU
 PLOTTED AT: 2/8/22 9:58 AM

NO.	REVISION	BY	DATE	CHECKED

MMC
DESIGNED
RLB
DRAWN
JLB
JLB
CHECKED

**MIDLAND COUNTY
MIDLAND, TEXAS**

SCALE
HORIZ
1" = 20'
VERT
1" = 5'
DATE
JANUARY
2022

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

MIDLAND COUNTY PRECINCT 4
YEAR 1 - CLUSTER 1 ROADS
MIDLAND COUNTY, TEXAS

**CULVERT PLAN AND PROFILE
WCR 40 STA 7+50 & STA 17+00**

DA PROJECT
B006794.001

SHEET
49



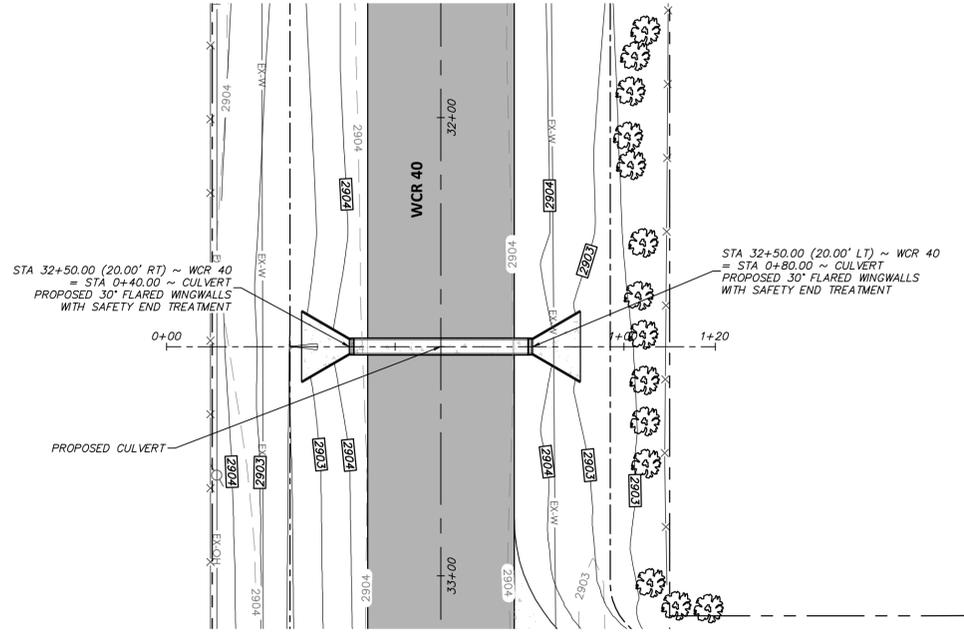
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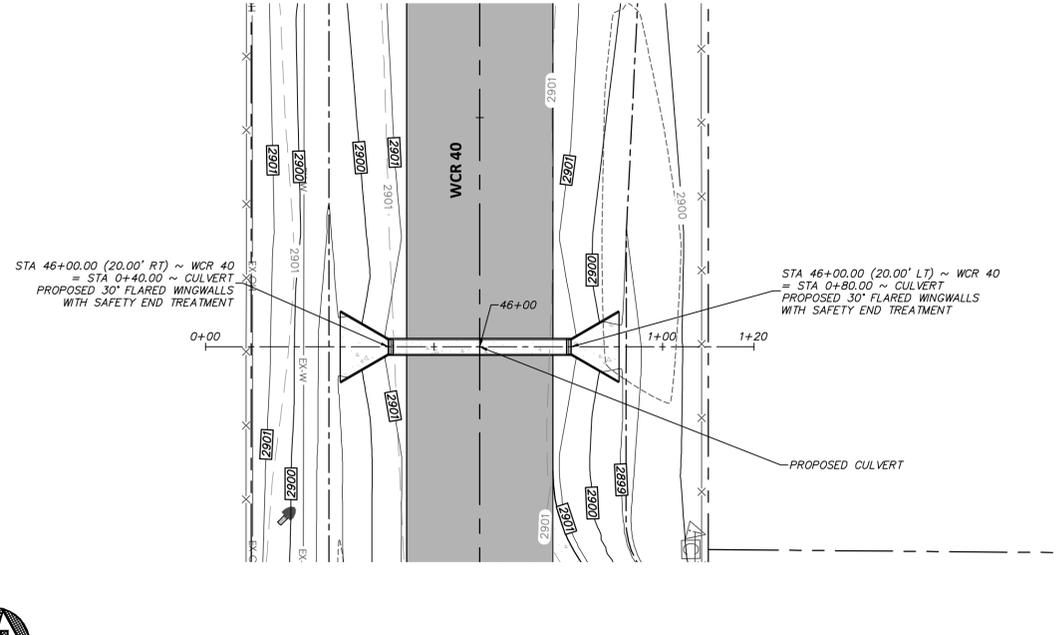
UTILITY RELOCATION NOTE:
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STATE PLANE COORDINATE NOTE:
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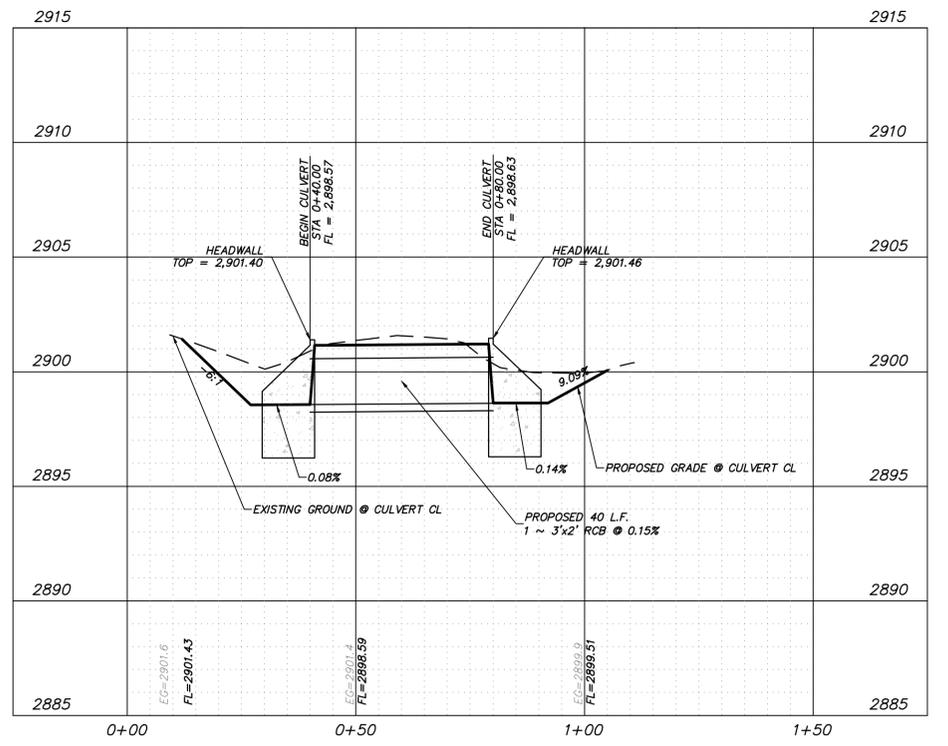
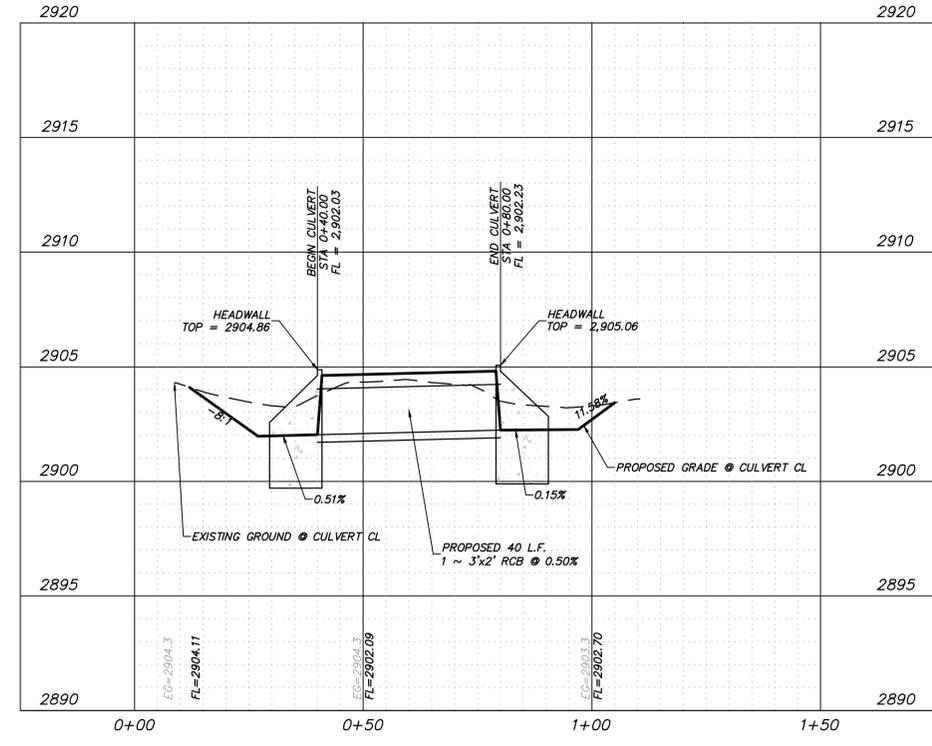
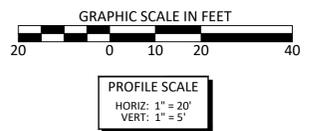
BENCHMARK:
SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.



WCR 40 STA 32+50 CULVERT



WCR 40 STA 46+00 CULVERT



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 PLOTTED ON: 1/11/2022 2:05:08 PM

NO.	REVISION	BY	DATE	CHECKED

MMC
 DESIGNED
 RLB
 DRAWN
 JLB
 CHECKED

**MIDLAND COUNTY
 MIDLAND, TEXAS**

SCALE
 HORIZ
 1" = 20'
 VERT
 1" = 5'
 DATE
 JANUARY
 2022

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

MIDLAND COUNTY PRECINCT 4
 YEAR 1 - CLUSTER 1 ROADS
 MIDLAND COUNTY, TEXAS

**CULVERT PLAN AND PROFILE
 WCR 40 STA 32+50 & STA 46+00**

DA PROJECT
 B006794.001

SHEET
50



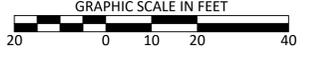
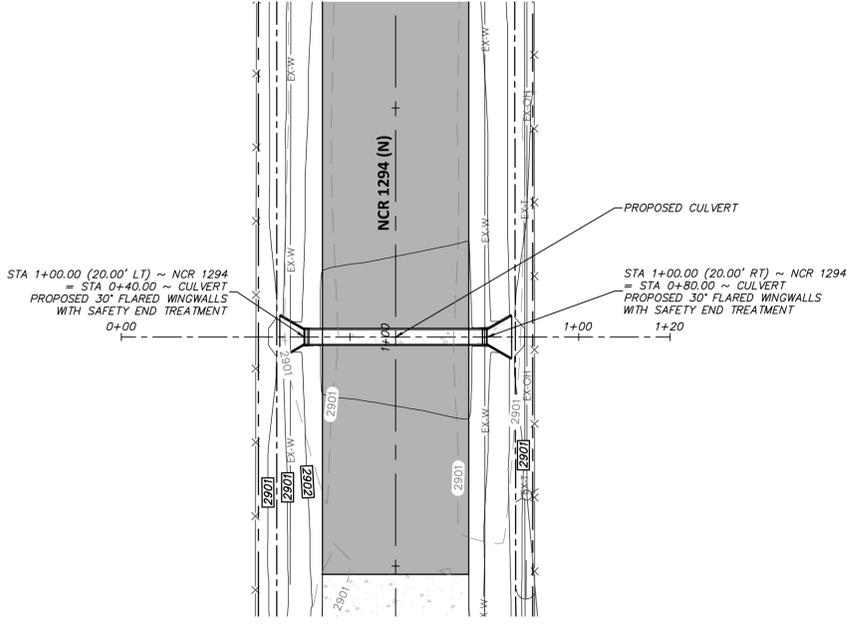
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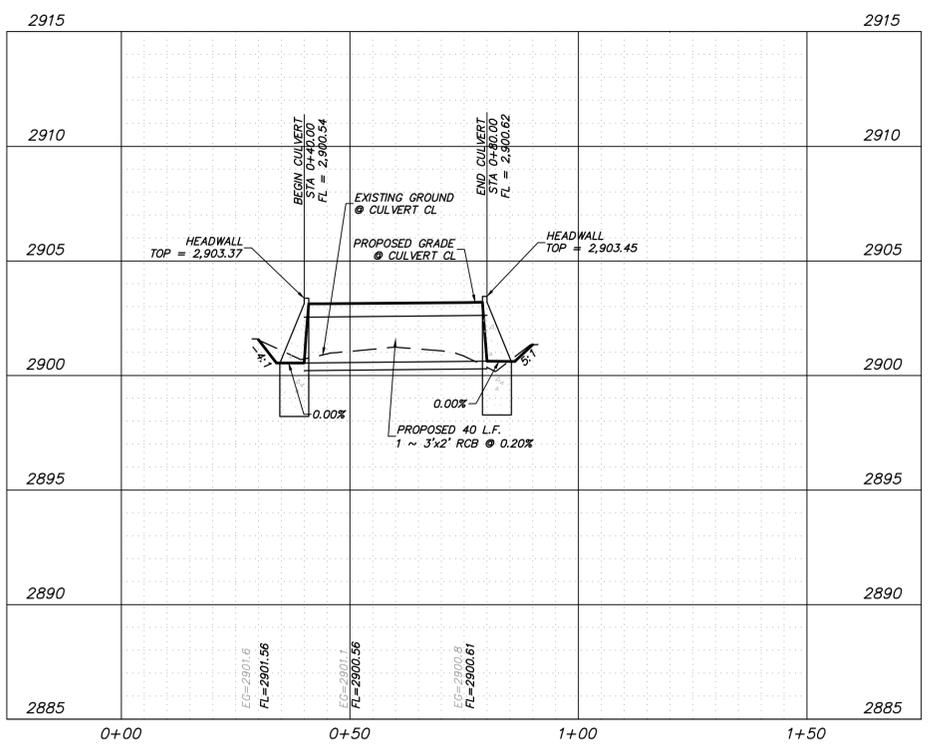
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BENCHMARK:
SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.



PROFILE SCALE
HORIZ: 1" = 20'
VERT: 1" = 5'

NCR 1294 (NORTH) STA 1+00 CULVERT



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 PLOTTED BY: BAKERBERRY
 PLOTTED AT: 2/07/22 PM

NO.	REVISION	BY	DATE	CHECKED

MMC	DESIGNED
RLB	DRAWN
JLB	CHECKED

**MIDLAND COUNTY
MIDLAND, TEXAS**

SCALE
HORIZ 1" = 20'
VERT 1" = 5'
DATE
JANUARY 2022

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



MIDLAND COUNTY PRECINCT 4	DA PROJECT B006794.001
YEAR 1 - CLUSTER 1 ROADS MIDLAND COUNTY, TEXAS	SHEET
CULVERT PLAN AND PROFILE NCR 1294 (N) STA 0+50	51



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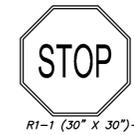
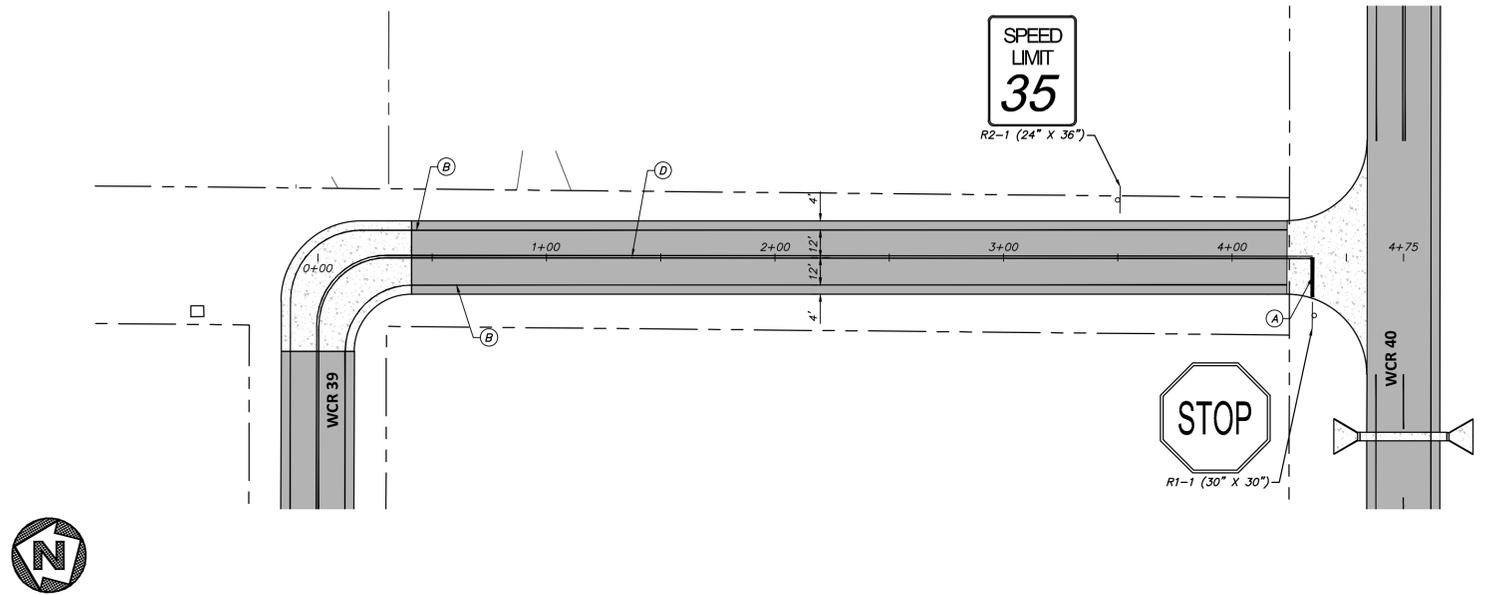
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BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

NORTH COUNTY ROAD 1291



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

NOTES:

1. INSTALL PAVEMENT MARKINGS AND SIGNAGE PER TEXAS MUTCD AND TxDOT STANDARDS AND DETAILS.
2. PAVEMENT MARKINGS TO FOLLOW ROADWAY ALIGNMENT STATIONING.
3. PAVEMENT MARKING DIMENSIONS MEASURED FROM CENTER OF STRIPING.



NO.	REVISION	BY	DATE

RLB	DESIGNED
RLB	DRAWN
JLB	CHECKED

**MIDLAND COUNTY
MIDLAND, TEXAS**

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

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

MIDLAND COUNTY PRECINCT 4
YEAR 1 - CLUSTER 1 ROADS
MIDLAND COUNTY, TEXAS
**SIGNAGE AND PAVEMENT MARKING PLAN
NCR 1291 STA 0+00 TO END**

DA PROJECT
B006794.001
SHEET
52

FULL PATH: G:\Production\2001\006794\001\01\Drawings\Plan\Sheet\Signage & Pavement Markings.dwg
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 PLOTTED BY: Robert Blair
 PLOTTED AT: 2:08:28 PM



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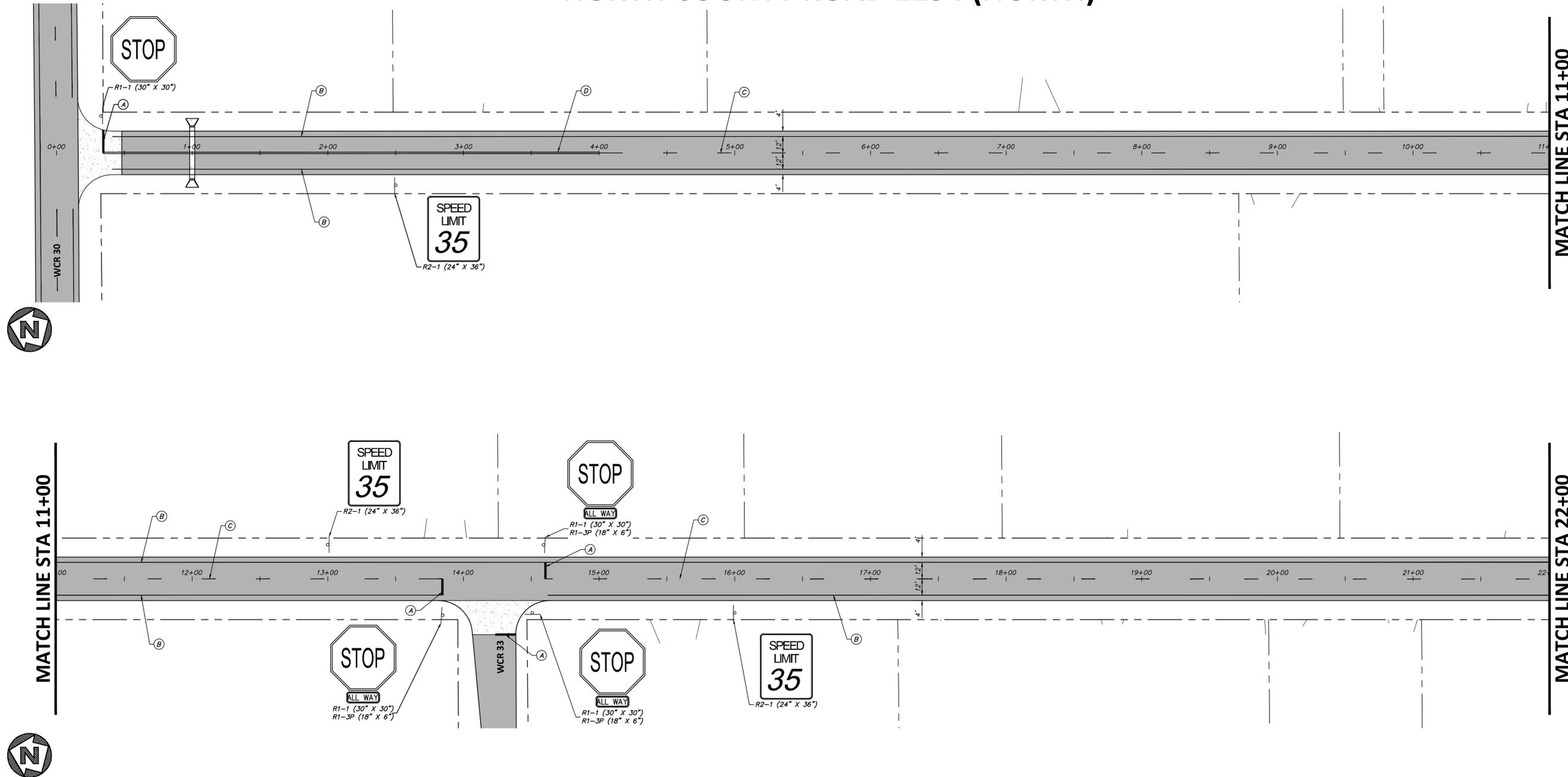
STATE PLANE COORDINATE NOTE:

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BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

NORTH COUNTY ROAD 1294 (NORTH)



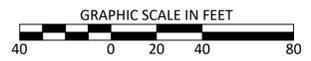
MATCH LINE STA 11+00

MATCH LINE STA 22+00

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

NOTES:

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- PAVEMENT MARKINGS TO FOLLOW ROADWAY ALIGNMENT STATIONING.
- PAVEMENT MARKING DIMENSIONS MEASURED FROM CENTER OF STRIPING.



NO.	REVISION	BY	DATE	CHECKED

RLB
DESIGNED

RLB
DRAWN

JLB
CHECKED

**MIDLAND COUNTY
MIDLAND, TEXAS**

SCALE
HORIZ
1" = 40'

VERT
1" = N/A

DATE
JANUARY
2022

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



MIDLAND COUNTY PRECINCT 4
YEAR 1 - CLUSTER 1 ROADS
MIDLAND COUNTY, TEXAS

**SIGNAGE AND PAVEMENT MARKING PLAN
NCR 1294 (N) STA 0+00 TO 22+00**

DA PROJECT
B006794.001

SHEET
53

FULL PATH: G:\Production\2001\006794\01\001\Drawings\Plan\Sheet\SIGNAGE & PAVEMENT MARKINGS.dwg
FILENAME: SIGNAGE & PAVEMENT MARKINGS.dwg
PLOTTER: Ricoh Genesys
PLOT DATE: 1/10/2022



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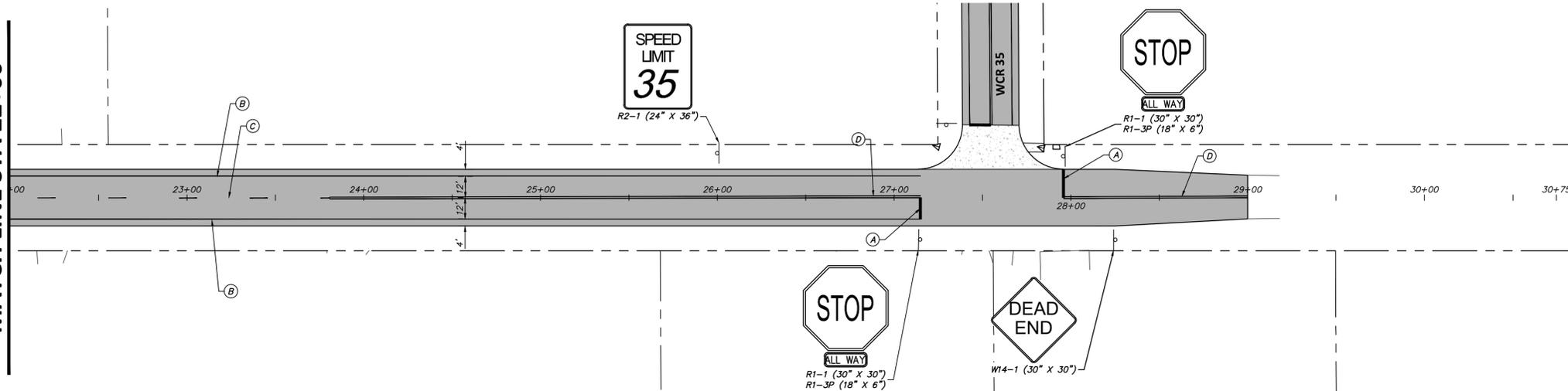
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BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

NORTH COUNTY ROAD 1294 (NORTH)

MATCH LINE STA 22+00



NOTES:

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2. PAVEMENT MARKINGS TO FOLLOW ROADWAY ALIGNMENT STATIONING.
3. PAVEMENT MARKING DIMENSIONS MEASURED FROM CENTER OF STRIPING.

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

NO.	REVISION	BY	DATE	CHECKED

RLB	DESIGNED
RLB	DRAWN
JLB	CHECKED

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

DUNAWAY

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

STATE OF TEXAS
JENNIFER L. BECKER
102960
LICENSED PROFESSIONAL ENGINEER
01/10/22

MIDLAND COUNTY PRECINCT 4	DA PROJECT B006794.001
YEAR 1 - CLUSTER 1 ROADS MIDLAND COUNTY, TEXAS	SHEET
SIGNAGE AND PAVEMENT MARKING PLAN NCR 1294 (N) STA 22+00 TO END	54

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PLOTTER: Behan Plotter
PLOT DATE: 2/8/22 2:08:18 PM



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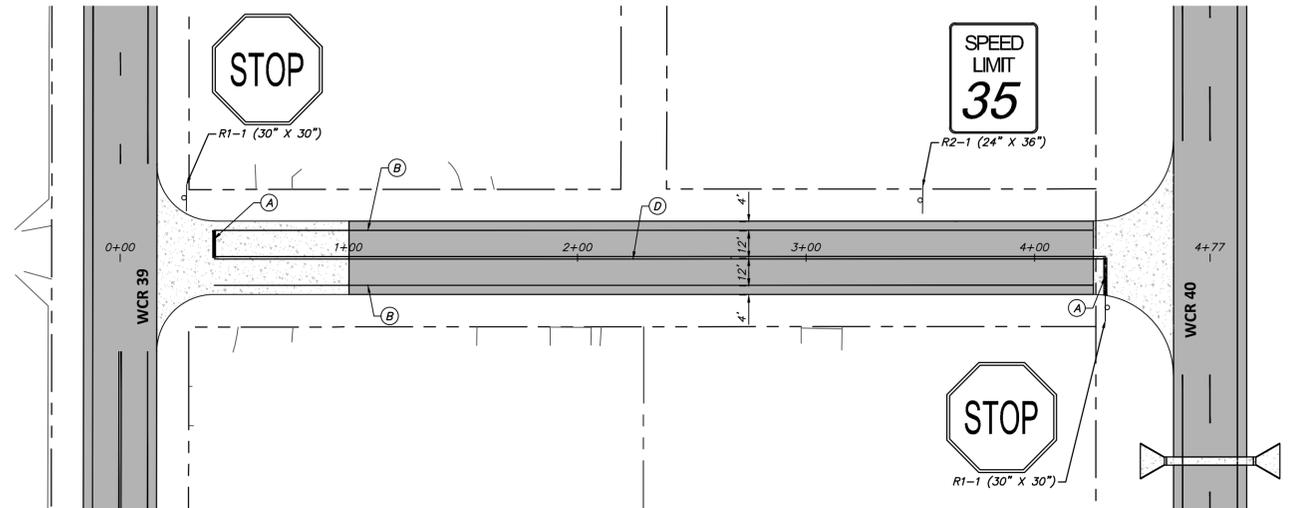
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BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

NORTH COUNTY ROAD 1294 (SOUTH)



NOTES:

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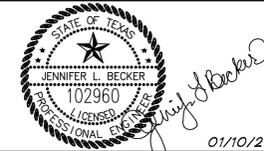
NO.	REVISION	BY	DATE

RLB	DESIGNED
RLB	DRAWN
JLB	CHECKED

**MIDLAND COUNTY
MIDLAND, TEXAS**

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

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



MIDLAND COUNTY PRECINCT 4	DA PROJECT B006794.001
YEAR 1 - CLUSTER 1 ROADS MIDLAND COUNTY, TEXAS	SHEET
SIGNAGE AND PAVEMENT MARKING PLAN NCR 1294 (S) STA 0+00 TO END	55

FULL PATH: G:\Production\2001\006794\001\01\Drawings\Plan\Sheet\Signage & Pavement Markings.dwg
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 PLOTTED BY: Robert Baker
 PLOTTED AT: 2:08:58 PM



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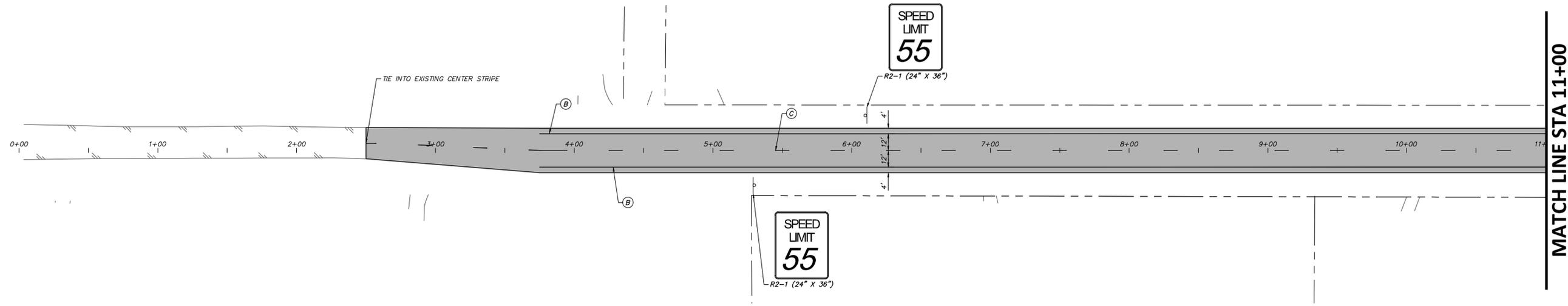
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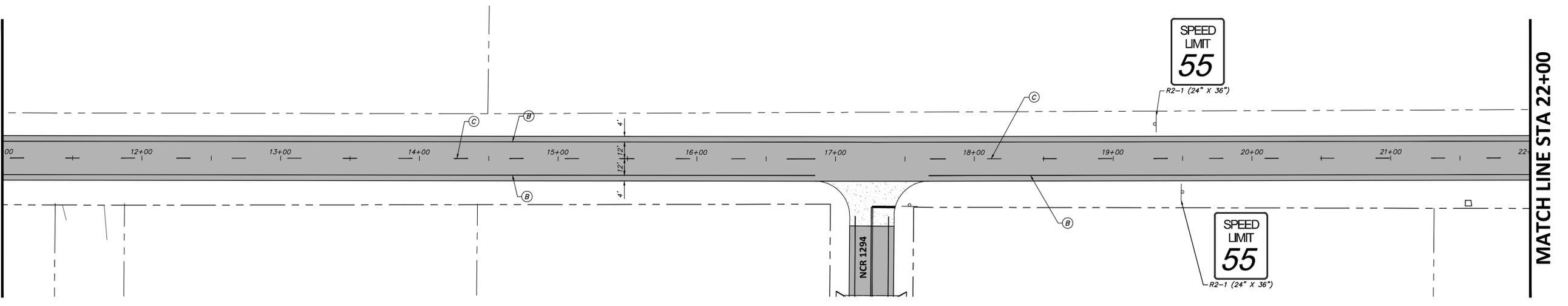
BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

WEST COUNTY ROAD 30



MATCH LINE STA 11+00



MATCH LINE STA 22+00



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NO.	REVISION	BY	DATE	CHECKED

RLB
DESIGNED

RLB
DRAWN

JLB
CHECKED

**MIDLAND COUNTY
MIDLAND, TEXAS**

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

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

MIDLAND COUNTY PRECINCT 4
YEAR 1 - CLUSTER 1 ROADS
MIDLAND COUNTY, TEXAS

**SIGNAGE AND PAVEMENT MARKING PLAN
WCR 30 STA 0+00 TO 22+00**

DA PROJECT
B006794.001

SHEET
56

FULL PATH: G:\Production\2001\006794\001\Drawings\pavement\SIGNAGE & PAVEMENT MARKINGS.dwg
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PLOTTER: Bekon Plotter
PLOT DATE: 2/10/22 10:10 AM



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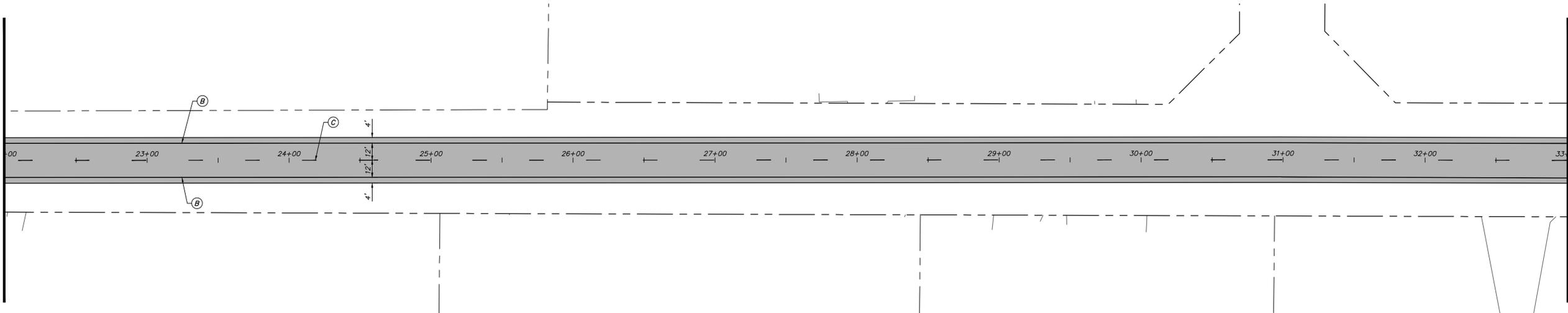
BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

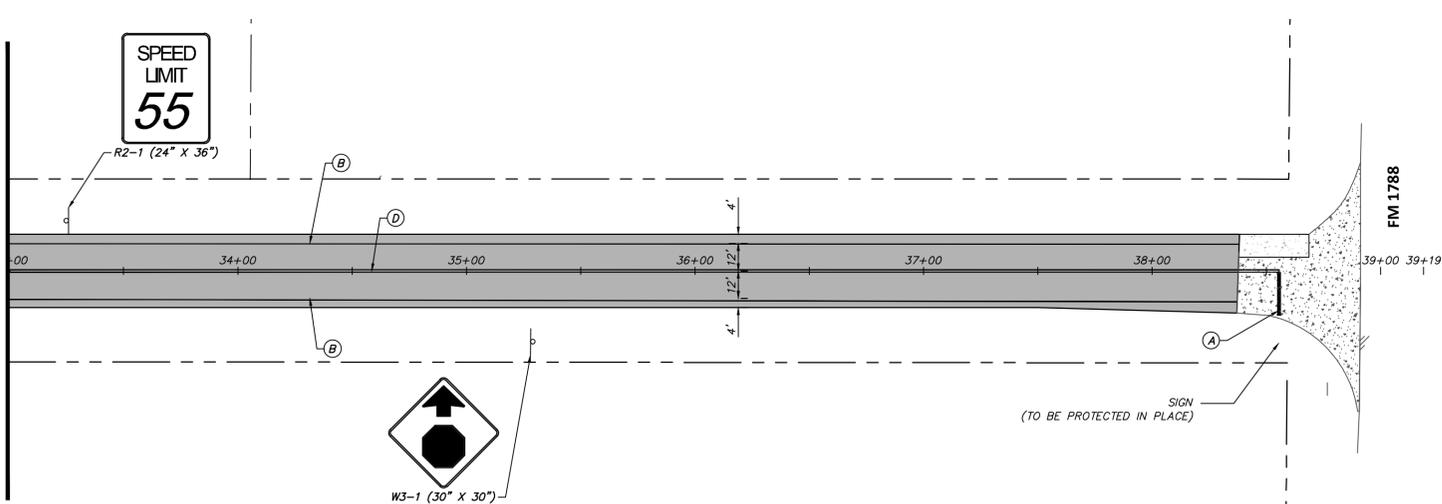
WEST COUNTY ROAD 30

MATCH LINE STA 22+00

MATCH LINE STA 33+00



MATCH LINE STA 33+00



- NOTES:
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(D)	REFL PAV MRK (Y) 4" DOUBLE (SOLID)
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FULL PATH: G:\Production\2002\006794\001\Drawings\Plan\Sheet\SIGNAGE & PAVEMENT MARKINGS.dwg
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 PLOTTED BY: Robert Baker
 PLOTTED AT: 2:10:00 PM
 PLOTTED DATE: 01/10/22

NO.	REVISION	BY	DATE	CHECKED

RLB
 DESIGNED
 RLB
 DRAWN
 JLB
 CHECKED

**MIDLAND COUNTY
 MIDLAND, TEXAS**

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

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

MIDLAND COUNTY PRECINCT 4
 YEAR 1 - CLUSTER 1 ROADS
 MIDLAND COUNTY, TEXAS

**SIGNAGE AND PAVEMENT MARKING PLAN
 WCR 30 STA 22+00 TO END**

DA PROJECT
 B006794.001

SHEET
57



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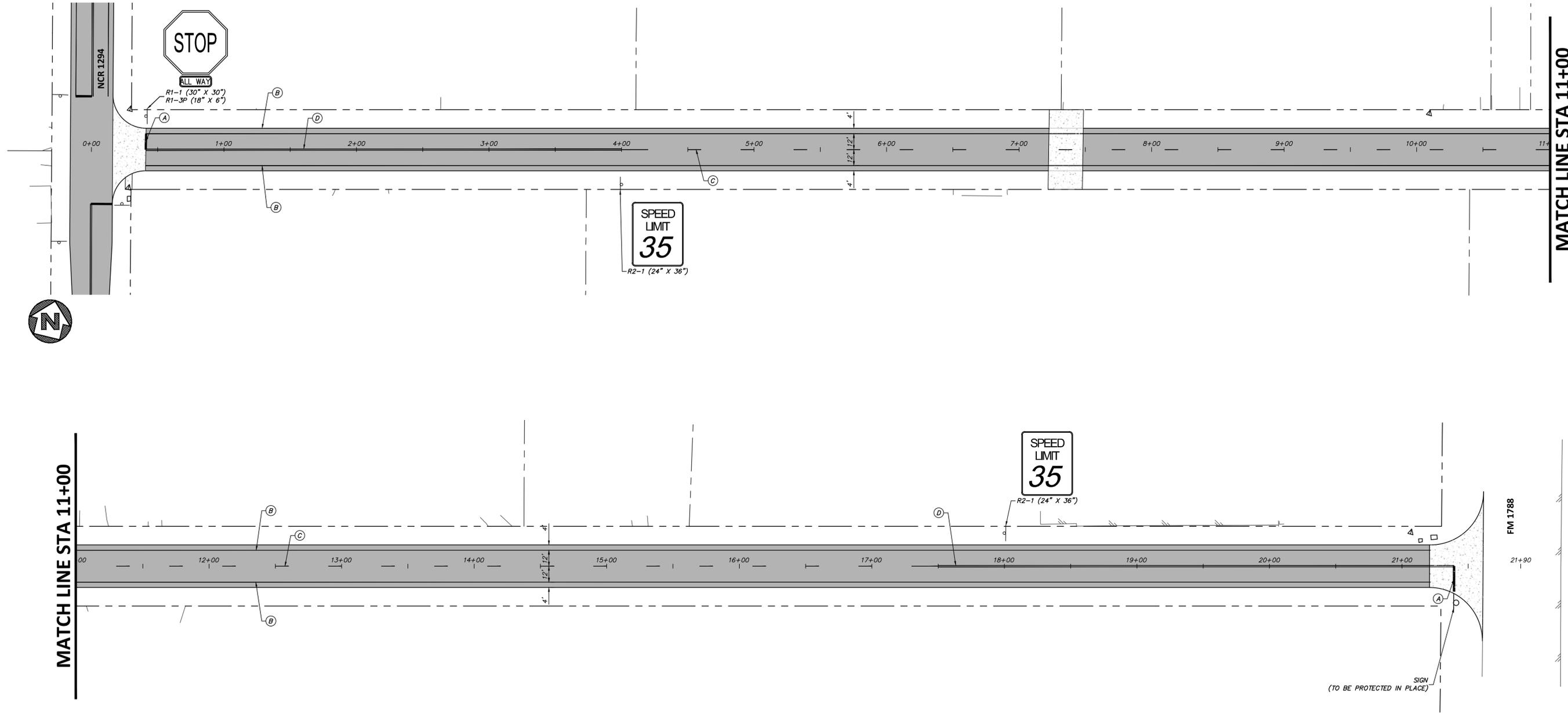
STATE PLANE COORDINATE NOTE:

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

BENCHMARK:

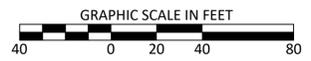
SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

WEST COUNTY ROAD 35



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

- 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.



NO.	REVISION	BY	DATE	CHECKED

RLB
DESIGNED

RLB
DRAWN

JLB
CHECKED

**MIDLAND COUNTY
MIDLAND, TEXAS**

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

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



MIDLAND COUNTY PRECINCT 4
YEAR 1 - CLUSTER 1 ROADS
MIDLAND COUNTY, TEXAS

**SIGNAGE AND PAVEMENT MARKING PLAN
WCR 35 STA 0+00 TO END**

DA PROJECT
B006794.001

SHEET
58

FULL PATH: G:\Production\2000\006794\001\01\Drawings\pav\sheet\SIGNAGE & PAVEMENT MARKINGS.dwg
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 PLOTTED BY: Robert Baker
 PLOTTED AT: 2:11:09 PM



WARNING TO CONTRACTOR:

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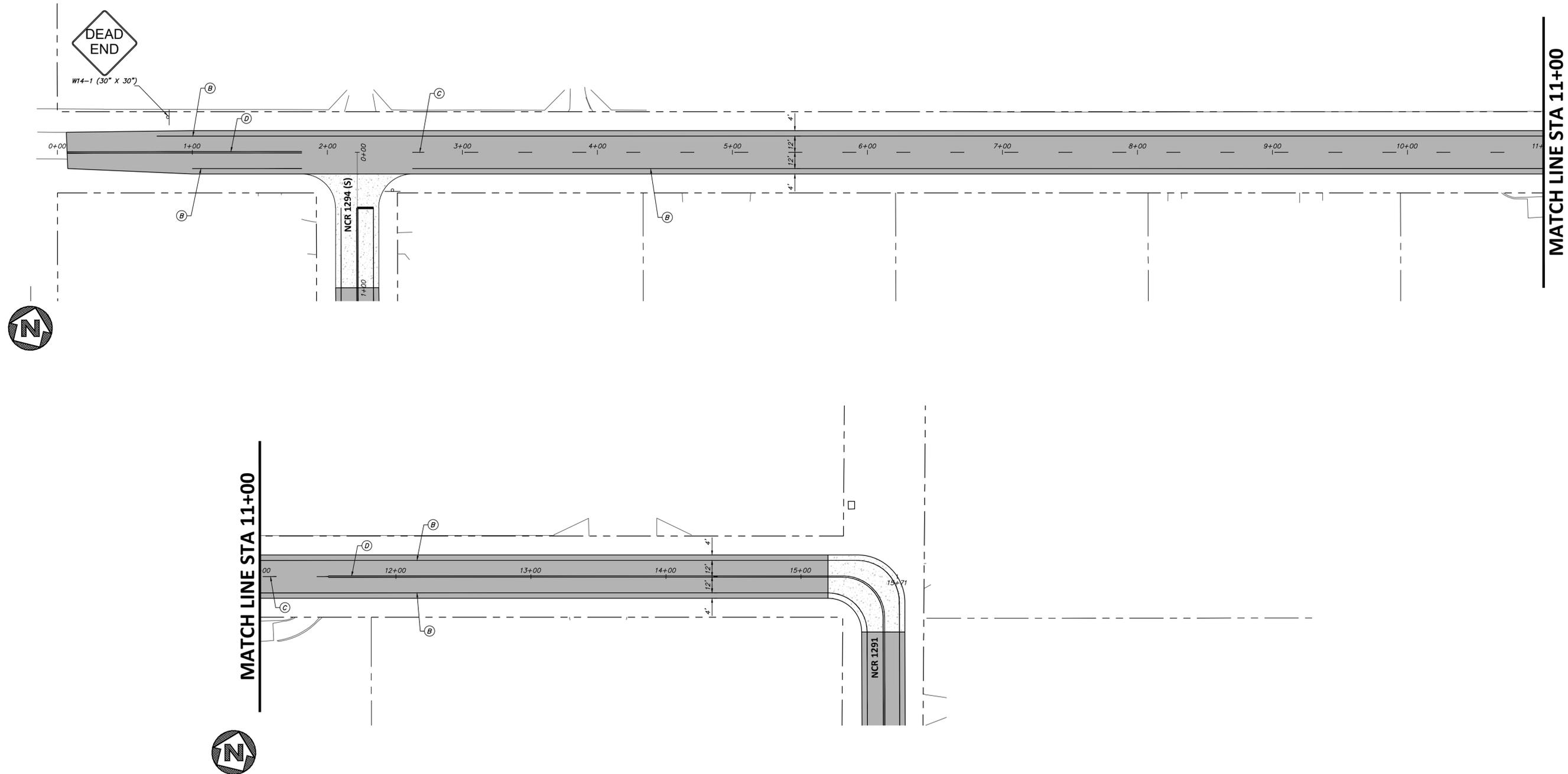
STATE PLANE COORDINATE NOTE:

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BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

WEST COUNTY ROAD 39



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

- 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.



NO.	REVISION	BY	DATE	CHECKED

RLB	DESIGNED
RLB	DRAWN
JLB	CHECKED

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

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



MIDLAND COUNTY PRECINCT 4	DA PROJECT	B006794.001
YEAR 1 - CLUSTER 1 ROADS MIDLAND COUNTY, TEXAS	SHEET	59
SIGNAGE AND PAVEMENT MARKING PLAN WCR 39 STA 0+00 TO END		

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 FILENAME: SIGNAGE & PAVEMENT MARKING.dwg
 PLOTTED BY: Robert Baker
 PLOTTED AT: 2:11:38 PM



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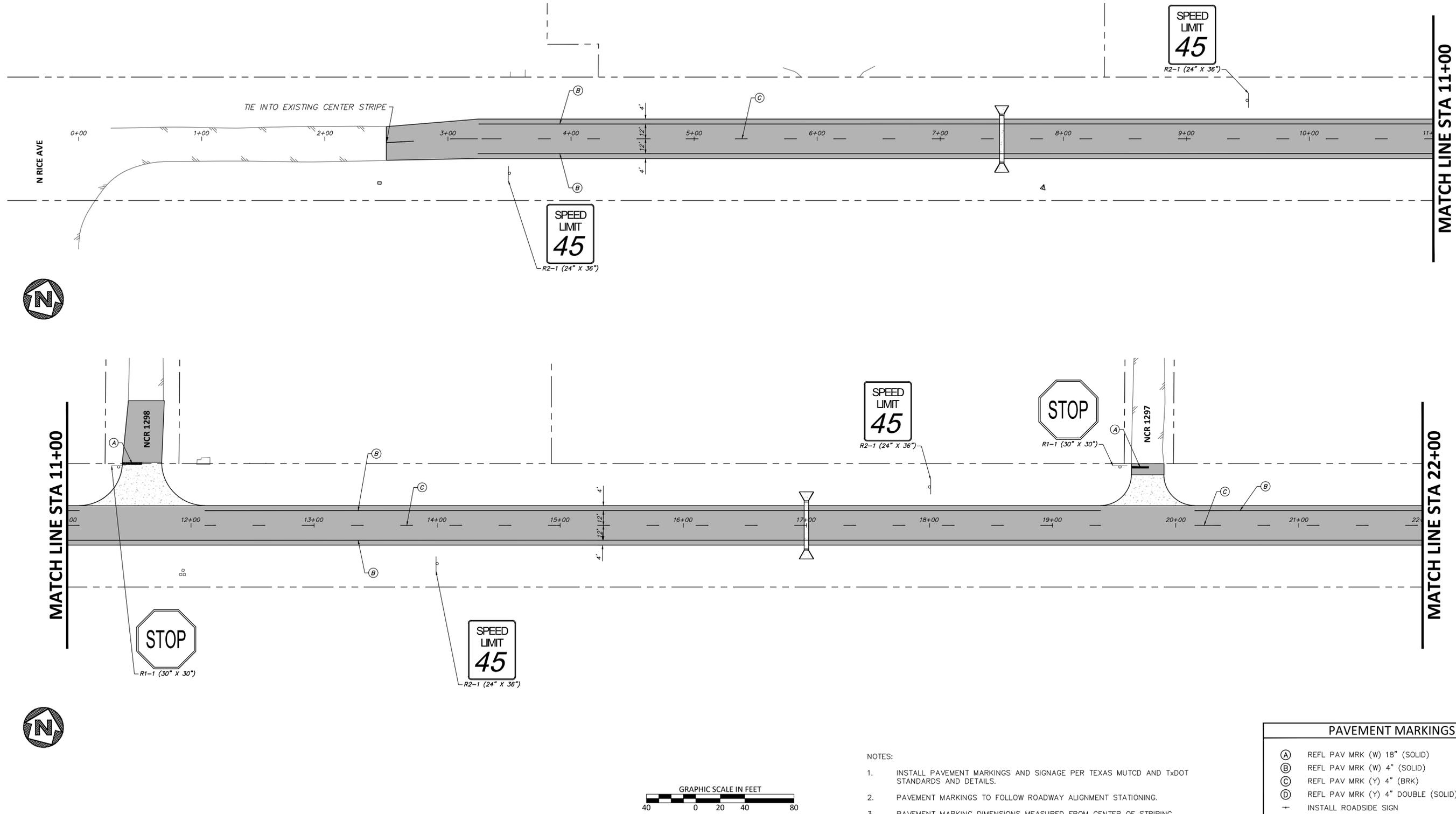
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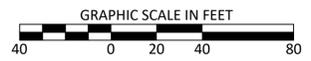
BENCHMARK:

SEE GENERAL NOTES (SHEET 1) FOR BENCHMARKS.

WEST COUNTY ROAD 40



- 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)
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+	INSTALL ROADSIDE SIGN

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 PLOTTED BY: Robert Baker
 PLOTTED AT: 2/13/2022 10:51 AM

NO.	REVISION	BY	DATE	CHECKED

RLB
 DESIGNED
 RLB
 DRAWN
 JLB
 CHECKED

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

DUNAWAY

 4000 N. Big Spring Street • Suite 101 • Midland, Texas 79705

 Tel: 432.699.4889

 [TX REG. F-1114]

MIDLAND COUNTY PRECINCT 4
 YEAR 1 - CLUSTER 1 ROADS
 MIDLAND COUNTY, TEXAS
SIGNAGE AND PAVEMENT MARKING PLAN
WCR 40 STA 0+00 TO 22+00

DA PROJECT
 B006794.001
 SHEET
60



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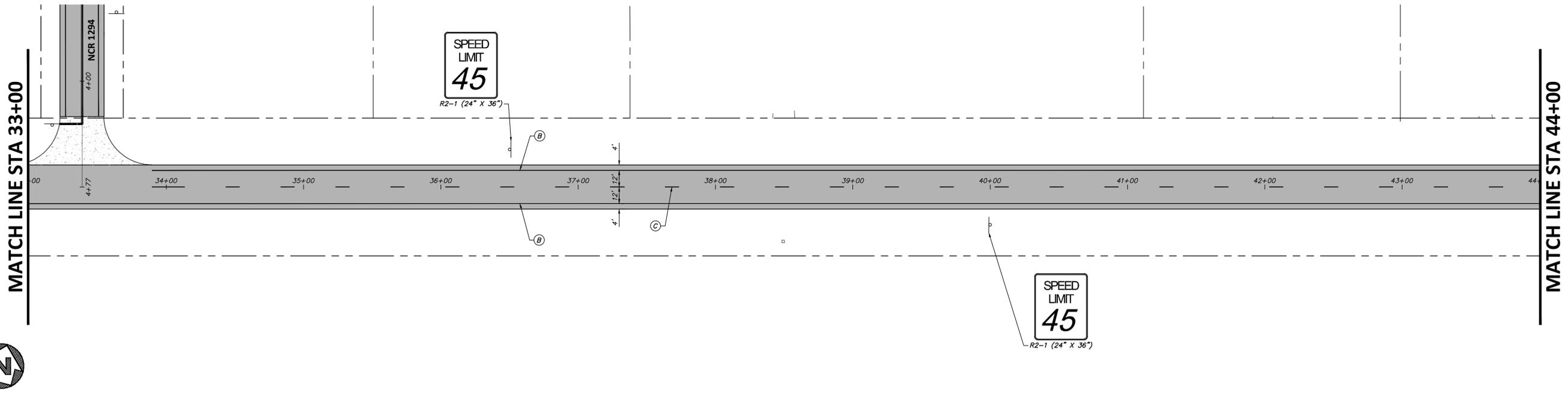
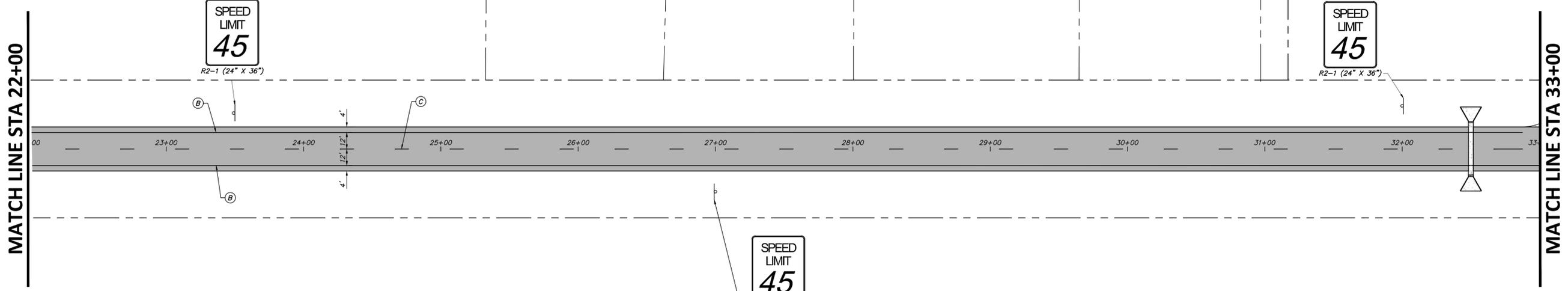
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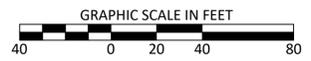
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WEST COUNTY ROAD 40



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

NO.	REVISION	BY	DATE	CHECKED

RLB
DESIGNED
RLB
DRAWN
JLB
CHECKED

MIDLAND COUNTY
MIDLAND, TEXAS

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

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

MIDLAND COUNTY PRECINCT 4
YEAR 1 - CLUSTER 1 ROADS
MIDLAND COUNTY, TEXAS
SIGNAGE AND PAVEMENT MARKING PLAN
WCR 40 STA 22+00 TO 44+00

DA PROJECT
B006794.001
SHEET
61

FULL PATH: G:\Production\4000\006794\001\Drawings\pavement\signage & pavement markings.dwg
 FILENAME: SIGNAGE & PAVEMENT MARKINGS.dwg
 PLOTTED BY: Robert Baker
 PLOTTED AT: 2/13/22 9:54 AM



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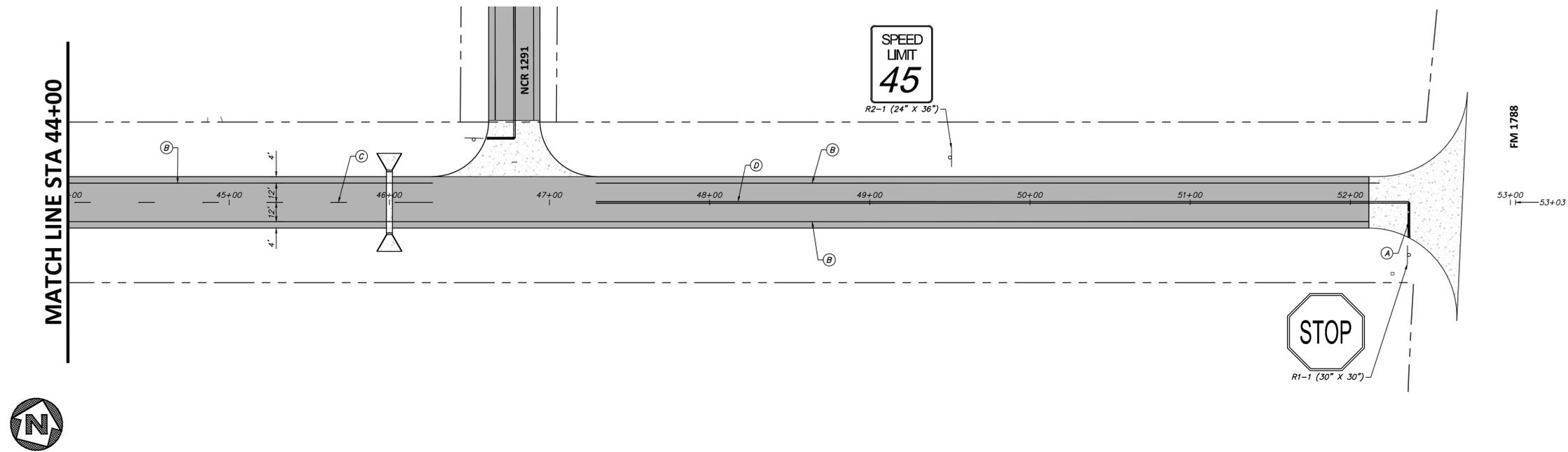
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WEST COUNTY ROAD 40

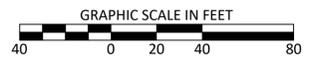


MATCH LINE STA 44+00

FM 1788

PAVEMENT MARKINGS	
(A)	REFL PAV MRK (W) 18" (SOLID)
(B)	REFL PAV MRK (W) 4" (SOLID)
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(D)	REFL PAV MRK (Y) 4" DOUBLE (SOLID)
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NO.	REVISION	BY	DATE	CHECKED

RLB
 DESIGNED
 RLB
 DRAWN
 JLB
 CHECKED

**MIDLAND COUNTY
 MIDLAND, TEXAS**

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

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

MIDLAND COUNTY PRECINCT 4
 YEAR 1 - CLUSTER 1 ROADS
 MIDLAND COUNTY, TEXAS

**SIGNAGE AND PAVEMENT MARKING PLAN
 WCR 40 STA 44+00 TO END**

DA PROJECT
 B006794.001

SHEET
62

FILE NAME: SIGNAGE & PAVEMENT MARKINGS.dwg
 PLOTTED BY: Robert Baker
 PLOTTED AT: 2:12:58 PM
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