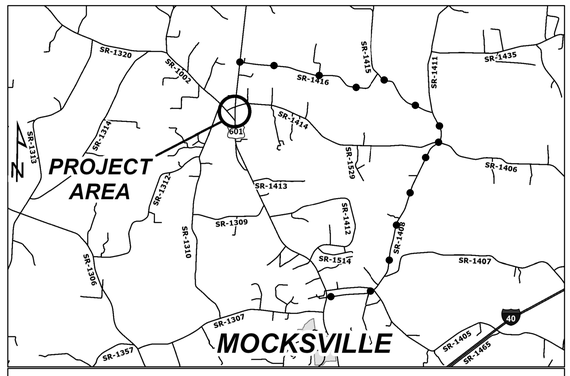
01/16/24

TIP PROJECT: HS-2409E

CONTRACT: DI00383

See Sheet 1A For Index of Sheets



VICINITY MAP (NOT TO SCALE)

DETOUR ROUTE

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

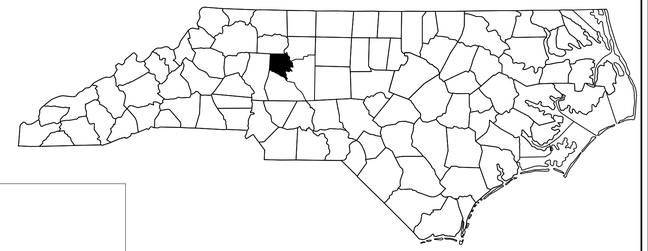
DAVIE COUNTY

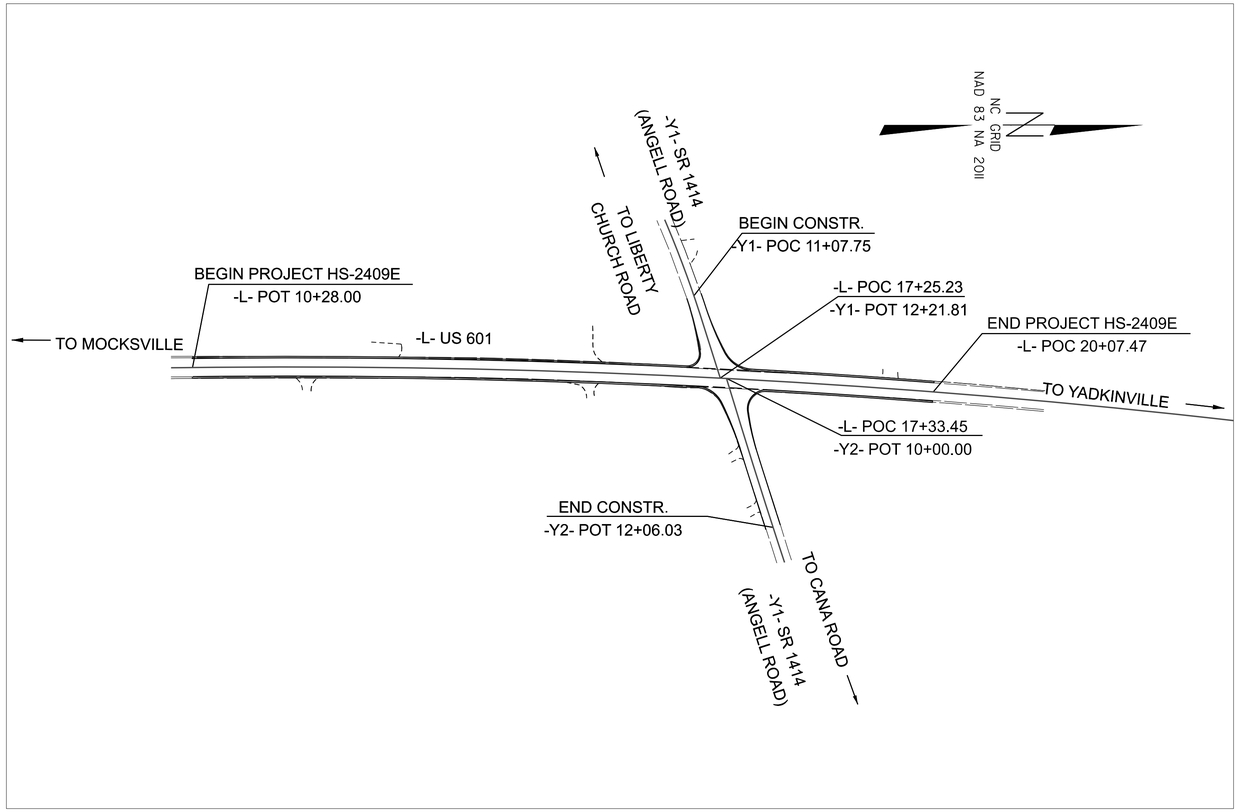
LOCATION: *US 601 AT SR 1414 (ANGELL ROAD)*

TYPE OF WORK: *GRADING, PAVING, AND DRAINAGE*

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HS-2409E	1	

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
50981.1.6		PE
50981.3.6		CON





INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALES

50 25 0 50 100
PLANS

50 25 0 50 100
PROFILE (HORIZONTAL)

10 5 0 10 20
PROFILE (VERTICAL)

DESIGN DATA

ADT 2026 = 7,100
ADT 2036 = 7,475
DESIGN SPEED= 60 MPH

FUNC CLASS =
MINOR ARTERIAL

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT HS-2409E = 0.186 MILES

Prepared in the Office of:
DIVISION OF HIGHWAYS
NINTH DIVISION DESIGN CONSTRUCT
375 SILAS CREEK PARKWAY, WINSTON-SALEM, NC, 27127

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
N/A

LETTING DATE:
MAY 13, 2026

DANIEL C. ULRICH, PE, PLS
PROJECT ENGINEER

HUNTER S. GRIESER
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

DocuSigned by: Daniel Ulrich
SIGNATURE: P.E.

NORTH CAROLINA PROFESSIONAL SEAL 056044 ENGINEER DANIEL C. ULRICH

ROADWAY DESIGN ENGINEER

DocuSigned by: Daniel Ulrich
SIGNATURE: P.E.

NORTH CAROLINA PROFESSIONAL SEAL 056044 ENGINEER DANIEL C. ULRICH

STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS

EFF. 08-11-2025
REV. 11-26-2025

2024 ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Contracts Standards and Development Unit - N. C. Department of Transportation - Raleigh, N. C., Dated January 16, 2024 are applicable to this project and by reference hereby are considered a part of these plans:

STD.NO. TITLE

DIVISION 2 - EARTHWORK
200.02 Method of Clearing - Method II
225.04 Method of Obtaining Superelevation - Two Lane Pavement
225.06 Method of Grading Sight Distance at Intersections

DIVISION 3 - PIPE CULVERTS
300.01 Method of Pipe Installation
310.10 Driveway Pipe Construction

DIVISION 5 - SUBGRADE, BASES AND SHOULDERS
560.01 Method of Shoulder Construction - High Side of Superelevated Curve - Method I

DIVISION 8 - INCIDENTALS
848.02 Driveway Turnout - Radius Type
876.02 Guide for Rip Rap at Pipe Outlets

GENERAL NOTES: 2024 SPECIFICATIONS
EFFECTIVE: 01-16-2024
REVISED:

GRADING AND SURFACING OR RESURFACING AND WIDENING:

THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. WHERE NO GRADE LINES ARE SHOWN, THE PROFILES SHOWN DENOTE THE TOP ELEVATION OF THE EXISTING PAVEMENT ALONG THE CENTER LINE OF SURVEY ON WHICH THE PROPOSED RESURFACING WILL BE PLACED. GRADE LINES MAY BE ADJUSTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE-IN.

SUPERELEVATION:

ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH STD. NO. 225.04 USING THE RATE OF SUPERELEVATION AND RUNOFF SHOWN ON THE PLANS. SUPERELEVATION IS TO BE REVOLVED ABOUT THE GRADE POINTS SHOWN ON THE TYPICAL SECTIONS.

SHOULDER CONSTRUCTION:

ASPHALT, EARTH, AND CONCRETE SHOULDER CONSTRUCTION ON THE HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.01

SIDE ROADS:

THE CONTRACTOR WILL BE REQUIRED TO DO ALL NECESSARY WORK TO PROVIDE SUITABLE CONNECTIONS WITH ALL ROADS, STREETS, AND DRIVES ENTERING THIS PROJECT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PARTICULAR ITEMS INVOLVED.

DRIVEWAYS:

DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. 848.02 USING 3 FOOT RADII OR RADII AS SHOWN ON THE PLANS. LOCATIONS OF DRIVES WILL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

SUBSURFACE PLANS:

NO SUBSURFACE PLANS ARE AVAILABLE ON THIS PROJECT. THE CONTRACTOR SHOULD MAKE HIS OWN INVESTIGATION AS TO THE SUBSURFACE CONDITIONS.

UTILITIES:

UTILITY OWNERS ON THIS PROJECT ARE BRIGHTSPEED, ENERGY UNITED,

DAVIE COUNTY SCHOOLS, CHARTER

COMMUNICATIONS, YADKIN VALLEY TELEPHONE/YADTEL/ZIRRUS

05/29/25

HS-2409E
18

Note: Not to Scale

STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS
CONVENTIONAL PLAN SHEET SYMBOLS

BOUNDARIES AND PROPERTY:
- State Line
- County Line
- Township Line
- City Line
- Reservation Line
- Property Line
- Existing Iron Pin (EIP)
- Computed Property Corner
- Existing Concrete Monument (ECM)
- Parcel / Sequence Number
- Existing Fence Line
- Proposed Woven Wire Fence
- Proposed Chain Link Fence
- Proposed Barbed Wire Fence
- Existing Wetland Boundary
- Proposed Wetland Boundary
- Existing Endangered Animal Boundary
- Existing Endangered Plant Boundary
- Existing Historic Property Boundary
- Known Contamination Area: Soil
- Potential Contamination Area: Soil
- Known Contamination Area: Water
- Potential Contamination Area: Water
- Contaminated Site: Known or Potential

BUILDINGS AND OTHER CULTURE:
- Gas Pump Vent or U/G Tank Cap
- Sign
- Well
- Small Mine
- Foundation
- Area Outline
- Cemetery
- Building
- School
- Church
- Dam

HYDROLOGY:
- Stream or Body of Water
- Hydro, Pool or Reservoir
- Jurisdictional Stream
- Buffer Zone 1
- Buffer Zone 2
- Flow Arrow
- Disappearing Stream
- Spring
- Wetland
- Proposed Lateral, Tail, Head Ditch
- False Sump

RAILROADS:
- Standard Gauge
- RR Signal Milepost
- Switch
- RR Abandoned
- RR Dismantled

RIGHT OF WAY & PROJECT CONTROL:
- Primary Horiz Control Point
- Primary Horiz and Vert Control Point
- Secondary Horiz and Vert Control Point
- Vertical Benchmark
- Existing Right of Way Monument
- Proposed Right of Way Monument (Rebar and Cap)
- Proposed Right of Way Monument (Concrete)
- Existing Permanent Easement Monument
- Proposed Permanent Easement Monument (Rebar and Cap)
- Existing C/A Monument
- Proposed C/A Monument (Rebar and Cap)
- Proposed C/A Monument (Concrete)
- Existing Right of Way Line
- Proposed Right of Way Line
- Existing Control of Access Line
- Proposed Control of Access Line
- Proposed ROW and CA Line
- Existing Easement Line
- Proposed Temporary Construction Easement
- Permanent Construction Easement
- Proposed Temporary Drainage Easement
- Proposed Permanent Drainage Easement
- Proposed Permanent Drainage/Utility Easement
- Proposed Permanent Utility Easement
- Proposed Temporary Utility Easement
- Proposed Aerial Utility Easement

ROADS AND RELATED FEATURES:
- Existing Edge of Pavement
- Existing Curb
- Proposed Slope Stakes Cut
- Proposed Slope Stakes Fill
- Proposed Curb Ramp
- Existing Metal Guardrail
- Proposed Guardrail
- Existing Cable Guiderail
- Proposed Cable Guiderail
- Equality Symbol
- Pavement Removal

VEGETATION:
- Single Tree
- Single Shrub
- Hedge
- Woods Line
- Orchard
- Vineyard

EXISTING STRUCTURES:
MAJOR:
- Bridge, Tunnel or Box Culvert
- Bridge Wing Wall, Head Wall and End Wall

MINOR:
- Head and End Wall
- Pipe Culvert
- Footbridge
- Drainage Box: Catch Basin, DI or JB
- Paved Ditch Gutter
- Storm Sewer Manhole
- Storm Sewer

UTILITIES:
** SUE - Subsurface Utility Engineering*
LOS - Level of Service - A,B,C or D (Accuracy)

POWER:
- Existing Power Pole
- Proposed Power Pole
- Existing Joint Use Pole
- Proposed Joint Use Pole
- Power Manhole
- Power Line Tower
- Power Transformer
- U/G Power Cable Hand Hole
- H-Frame Pole
- U/G Power Line Test Hole (SUE - LOS A)*
- U/G Power Line (SUE - LOS B)*
- U/G Power Line (SUE - LOS C)*
- U/G Power Line (SUE - LOS D)*

TELEPHONE:
- Existing Telephone Pole
- Proposed Telephone Pole
- Telephone Manhole
- Telephone Pedestal
- Telephone Cell Tower
- U/G Telephone Cable Hand Hole
- U/G Telephone Test Hole (SUE - LOS A)*
- U/G Telephone Cable (SUE - LOS B)*
- U/G Telephone Cable (SUE - LOS C)*
- U/G Telephone Cable (SUE - LOS D)*
- U/G Telephone Conduit (SUE - LOS B)*
- U/G Telephone Conduit (SUE - LOS C)*
- U/G Telephone Conduit (SUE - LOS D)*
- U/G Fiber Optics Cable (SUE - LOS B)*
- U/G Fiber Optics Cable (SUE - LOS C)*
- U/G Fiber Optics Cable (SUE - LOS D)*

WATER:
- Water Manhole
- Water Meter
- Water Valve
- Water Hydrant
- U/G Water Line Test Hole (SUE - LOS A)*
- U/G Water Line (SUE - LOS B)*
- U/G Water Line (SUE - LOS C)*
- U/G Water Line (SUE - LOS D)*
- Above Ground Water Line

TV:
- TV Pedestal
- TV Tower
- U/G TV Cable Hand Hole
- U/G TV Test Hole (SUE - LOS A)*
- U/G TV Cable (SUE - LOS B)*
- U/G TV Cable (SUE - LOS C)*
- U/G TV Cable (SUE - LOS D)*
- U/G Fiber Optic Cable (SUE - LOS B)*
- U/G Fiber Optic Cable (SUE - LOS C)*
- U/G Fiber Optic Cable (SUE - LOS D)*

GAS:
- Gas Valve
- Gas Meter
- U/G Gas Line Test Hole (SUE - LOS A)*
- U/G Gas Line (SUE - LOS B)*
- U/G Gas Line (SUE - LOS C)*
- U/G Gas Line (SUE - LOS D)*
- Above Ground Gas Line

SANITARY SEWER:
- Sanitary Sewer Manhole
- Sanitary Sewer Cleanout
- U/G Sanitary Sewer Line
- Above Ground Sanitary Sewer
- SS Force Main Line Test Hole (SUE - LOS A)*
- SS Force Main Line (SUE - LOS B)*
- SS Force Main Line (SUE - LOS C)*
- SS Force Main Line (SUE - LOS D)*

MISCELLANEOUS:
- Utility Pole
- Utility Pole with Base
- Utility Located Object
- Utility Traffic Signal Box
- Utility Unknown U/G Line (SUE - LOS B)*
- U/G Tank; Water, Gas, Oil
- Underground Storage Tank, Approx. Loc.
- A/G Tank; Water, Gas, Oil
- Geoenvironmental Boring
- Abandoned According to Utility Records — AATUR
- End of Information — E.O.I.

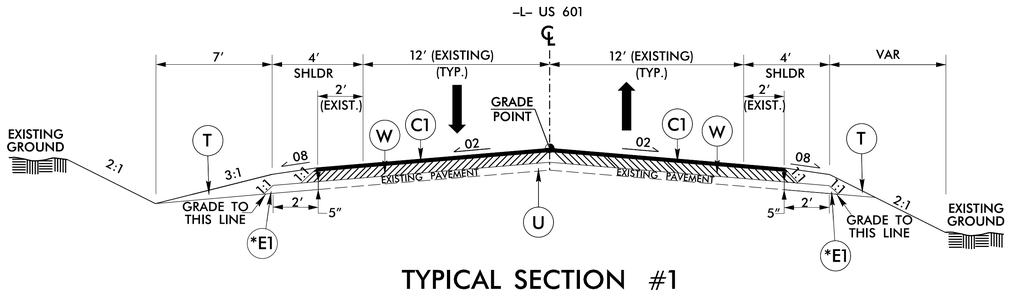
PROJECT REFERENCE NO.	SHEET NO.
HS-2409E	2A
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 056044 ENGINEER DANIEL C ULRICH

DocuSigned by: David Ulrich

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

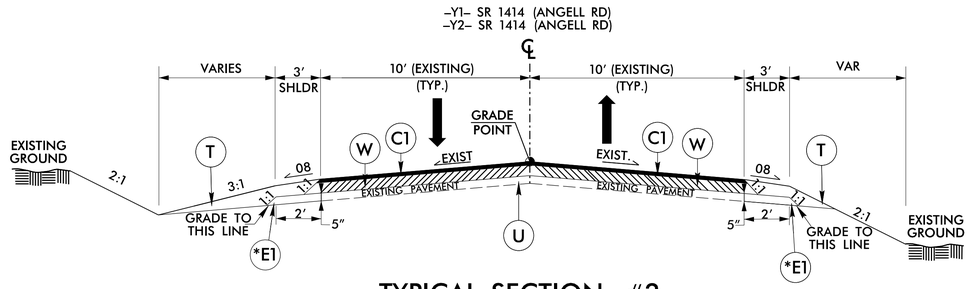


TYPICAL SECTION #1

USE TYPICAL SECTION NO. 1 AS FOLLOWS:
FROM –L– STA. 10+28.00 TO –L– STA. 20+07.47

NOTES: 1) ACTUAL SLOPES AND DIMENSIONS VARY SEE XSC SHEETS FOR DETAILS

*WIDENING FOR WEDGINGING FROM STATION –L– 11+57.00 TO –L– 19+59.00

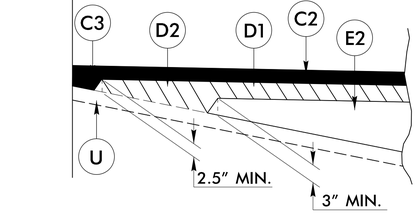


TYPICAL SECTION #2

USE TYPICAL SECTION NO. 2 AS FOLLOWS:
FROM –Y1– STA. 11+07.75 TO –Y1– STA. 12+09.20
FROM –Y2– STA. 10+12.80 TO 12+06.02

NOTES: 1) ACTUAL SLOPES AND DIMENSIONS VARY SEE XSC SHEETS FOR DETAILS

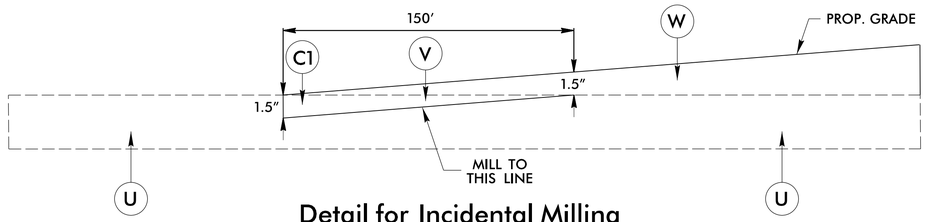
*WIDENING FOR WEDGINGING FROM STATION –Y1– 11+61.00 TO –Y1– 12+09.20 & FROM STATION –Y2– 10+12.80 TO –Y2– 11+16.80



WEDGING DETAIL – W

NOT TO SCALE

USE IN CONJUNCTION WITH TS No. 1 AND 2



Detail for Incidental Milling of Existing Pavement

USE AT PROJECT LIMITS CONJUNCTION WITH TYPICAL SECTION #1 & #2

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.5″ ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.	D2	PROP. VAR. DEPTH ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1″ DEPTH, TO BE PLACE IN LAYERS NOT LESS THAN 2½″ IN DEPTH OR GREATER THAN 4″ IN DEPTH.	U	EXISTING PAVEMENT
C2	PROP. APPROX. 3″ ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.	E1	PROP. APPROX. 5″ ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 513 LBS. PER SQ. YD.	V	MILLING ASPHALT PAVEMENT (0″ - 1.5″ DEPTH)
C3	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 112 LBS. PER SQ. YD. PER 1″ DEPTH. TO BE PLACED IN LAYERS NOT TO EXCEED 2″ IN DEPTH.	E2	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1″ DEPTH, TO BE PLACED IN LAYERS NOT LESS THAN 3″ IN DEPTH OR GREATER THAN 5.5″ IN DEPTH.	W	VARIABLE DEPTH ASPHALT PAVEMENT (SEE WEDGING DETAIL)
D1	PROP. APPROX. 4″ ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I9.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.	T	EARTH MATERIAL		

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

COMPUTED BY: HSG DATE: 03/31/2026
CHECKED BY: DJ DATE: 04/20/2026

PROJECT REFERENCE NO.	SHEET NO.
HS-2409E	3B

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK
IN CUBIC YARDS

SURVEY LINE	STATION	STATION	UNCL. EXCAV.	UNDERCUT (CONTINGENCY)	EMBANK. +20%	BORROW	WASTE
–L–	10+00	20+50	68.9		296.3	296.3	68.9
–Y1–	11+00	12+50	3.8		25.5	25.5	3.8
–Y2–	10+00	12+50	8.2		56.9	56.9	8.2
	SHALLOW UNDERCUT (CONTINGENCY)			10			10
	SUBTOTAL		80.9	10	378.7	378.7	90.9
	10% CONTINGENCY						
	GRAND TOTALS		89	11	416.6	416.6	100
	SAY		90	15	420	420	100

NOTE: APPROXIMATE QUANTITIES ONLY. UNCLASSIFIED EXCAVATION, BORROW EXCAVATION, CLEARING & GRUBBING AND REMOVAL OF EXISTING PAVEMENT WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR GRADING.

COMPUTED BY: HSG DATE 2/19/2026

CHECKED BY: DS DATE 04/20/2026

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.
HS-2409E	3D

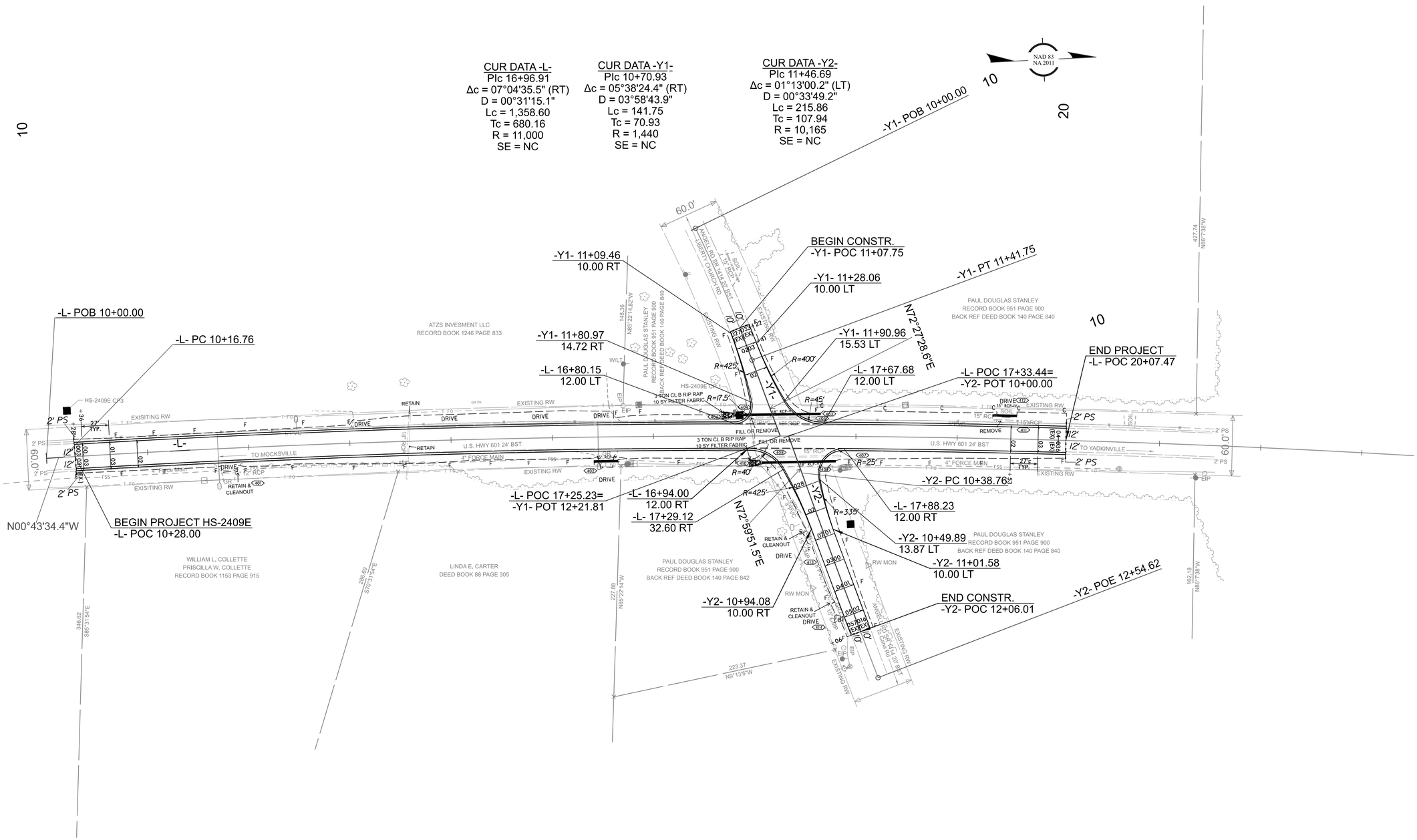
Note: Invert Elevations indicated are for Bid Purposes only and shall not be used for project construction stakeout.
See "Standard Specifications For Roads and Structures, Section 300-5".

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48 INCHES & UNDER)

STATION	LOCATION (LT, RT, OR CL)*	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	DRAINAGE PIPE (PP, CSP, CAAP, HDPE, or PVC) SIZE	DRAINAGE PIPE THICKNESS OR GAUGE	C.S. PIPE SIZE	C.S. PIPE THICKNESS OR GAUGE	R.C. PIPE CLASS III SIZE	R.C. PIPE CLASS IV SIZE	18" R.C. PIPE (CLASS V)	**** RC PIPE CULVERTS, CONTRACTOR DESIGN	**** RC PIPE CULVERTS, CONTRACTOR DESIGN	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	ENDWALLS STD. 838.01 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. YDS R.C.P.	ENDWALLS CU. YDS C.S.P.	QUANTITIES FOR DRAINAGE STRUCTURES PER EACH (0' THRU 5.0')	QUANTITIES FOR DRAINAGE STRUCTURES LIN. FT. 5.0' THRU 10.0'	QUANTITIES FOR DRAINAGE STRUCTURES LIN. FT. 10.0' AND ABOVE	'TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL. 'B')	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES, AND HOOD STANDARD 840.03 TYPE OF GRATE E	FRAME, GRATES, AND HOOD STANDARD 840.03 TYPE OF GRATE F	FRAME, GRATES, AND HOOD STANDARD 840.03 TYPE OF GRATE G	CONCRETE TRANSITIONAL SECTION DROP INLET	CONCRETE TRANSITIONAL SECTION CATCH BASIN	D.I. STD. 840.14 OR STD. 840.15	D.I. FRAME W/ TWO GRATES STD. 840.16	J.B. STD. 840.31 OR 840.32	G.D.I. TYPE 'B' STD. 840.18 OR 840.27	G.D.I. TYPE 'D' STD. 840.19 OR 840.28	G.D.I. FRAME WITH GRATE STD. 840.20	G.D.I. FRAME WITH TWO GRATES STD. 840.22	G.D.I. (N.S.) FRAME WITH GRATE STD. 840.24	G.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24	TB.J.B. STD. 840.34 OR STD. 840.46	G.D.I. FRAME (N.S. FLAT) W/2 GRATES STD. 840.29	ADJUST DI	ADJUST CB	ADJUST MH	PIPE CLEAN OUT	CONC. & BRICK PIPE PLUG, C.Y. STD. 840.71	FLOWABLE FILL CY	PIPE REMOVAL LIN. FT.	REMARKS
L 11+80	23.5 RT	401																																				1				
L 15+65	24 RT	402											24																														
Y1 11+99	0 CL	403	404		905.8	904.82								84																												
Y1 12+02	0 CL	405	406		EXIST.	EXIST.																																				82	REMOVE EXIST 15" RCP
Y2 10+22	0 CL	407	408		EXIST.	EXIST.																																				81	REMOVE EXIST 15" RCP
Y2 12+27	0 CL	409	410		905.4	904.4								72																												
L 19+50	18 LT	411																																						24	DRIVEWAY PIPE, REMOVE EXIST 15" RCP
L 19+50	23RT	412											24																												
Y1 11+00	19 RT	413																																				1			RETAIN AND CLEANOUT 15" CMP
Y1 11+75	18RT	414																																				1			RETAIN AND CLEANOUT 15" CMP
SHEET TOTALS													48	156								0			0												0	0	3		0	187	

ABBREVIATIONS

C.B.	CATCH BASIN
N.D.I.	NARROW DROP INLET
D.I.	DROP INLET
G.D.I.	GRATED DROP INLET
G.D.I.(N.S.)	(NARROW SLOT)
J.B.	JUNCTION BOX
M.H.	MANHOLE
T.B.D.I.	TRAFFIC BEARING DROP INLET
T.B.J.B.	TRAFFIC BEARING JUNCTION BOX



NOTE: THE CONTRACTOR SHALL INSTALL NEW THERMOPLASTIC PAVEMENT MARKINGS (SAME AS EXISTING) AND TIE INTO EXISTING PAVEMENT MARKINGS.

FOR -L PROFILE, SEE SHEET 005

FOR -Y1- & -Y2- PROFILES, SEE SHEET 005

REVISIONS

HS-2409E

004

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DAVIE COUNTY

NINTH DIVISION DESIGN/ CONSTRUCT

ROADWAY DESIGN
ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 056044 ENGINEER DANIEL C. ULRICH

DocuSigned by:
Daniel Ulrich

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

HYDRAULICS
ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 056044 ENGINEER DANIEL C. ULRICH

DocuSigned by:
Daniel Ulrich
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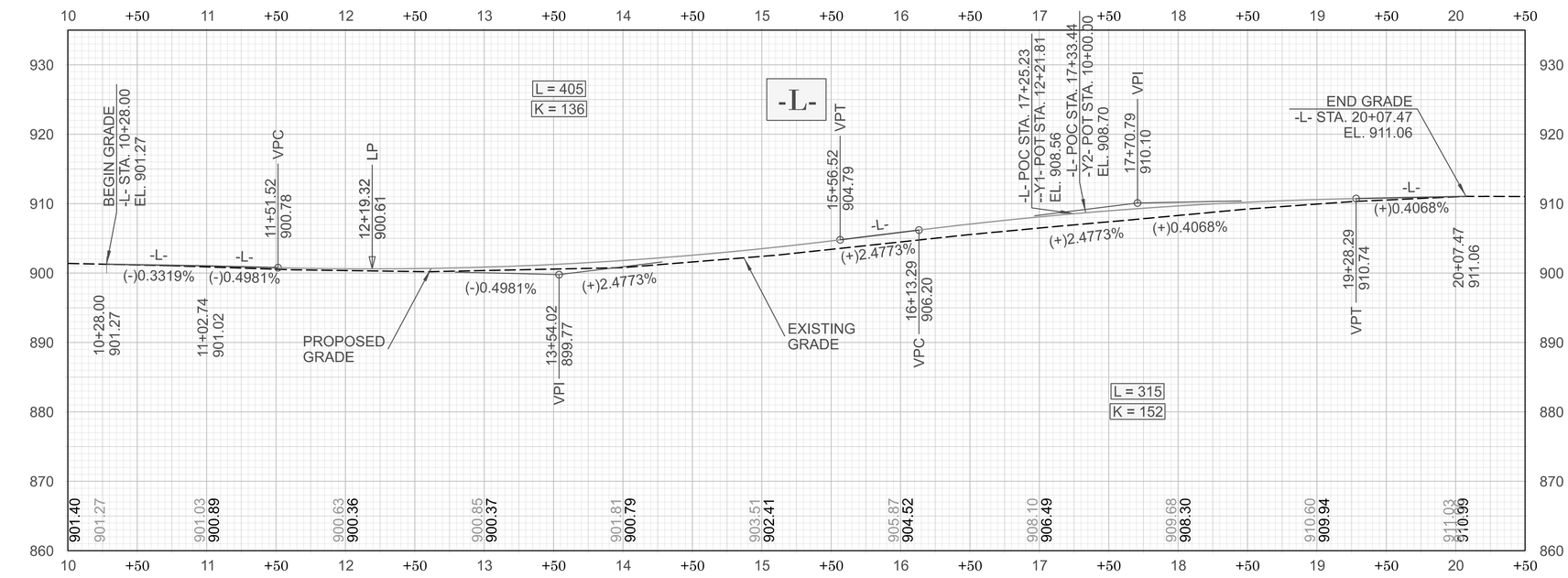
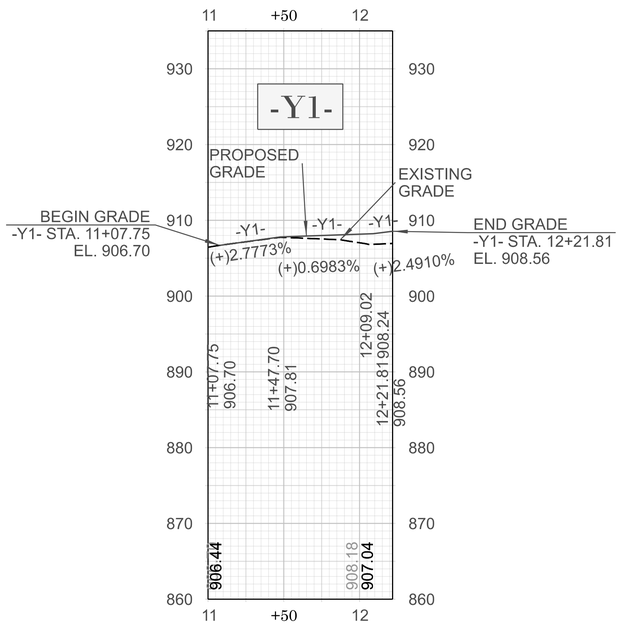
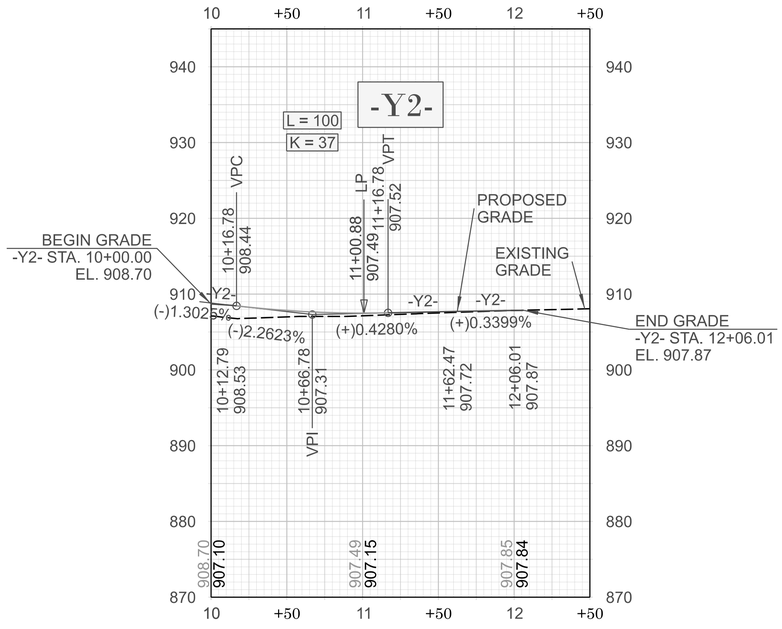
11/14/23



FOR -L- PLAN, SEE SHEET 004





FOR -Y1- & -Y2- PLAN, SEE SHEET 004

REVISIONS

HS-2409E

005

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DAVIE COUNTY

NINTH DIVISION DESIGN/ CONSTRUCT

ROADWAY DESIGN
ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 056044 ENGINEER DANIEL C. ULRICH

DocuSigned by:
Daniel Ulrich
9136A995F01E400...

ALIGNMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

HYDRAULICS
ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 056044 ENGINEER DANIEL C. ULRICH

DocuSigned by:
Daniel Ulrich
9136A995F01E400...

09/08/99

TIP PROJECT: HS-2409E

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SURVEY CONTROL AND EXISTING CENTERLINES

DAVIE COUNTY

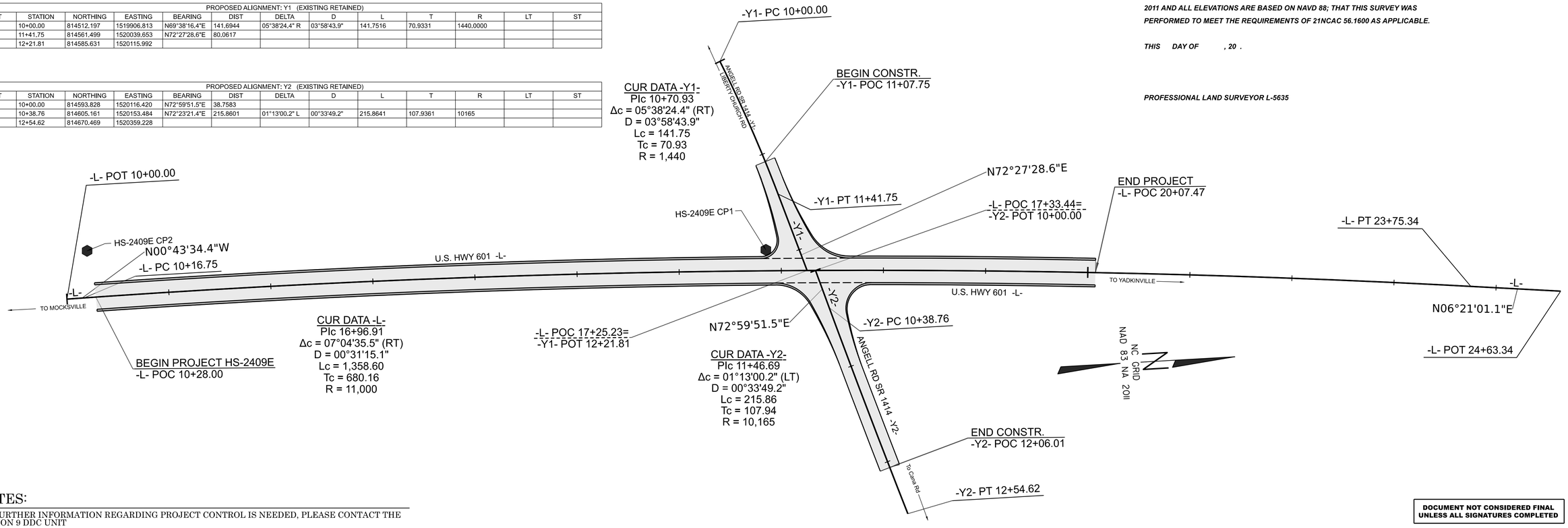
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HS-2409E	RW01	1

PRIMARY CONTROL TABLE					
POINT	DESCRIPTION	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	HS-2409 CP 1	814546.503	1520093.455	905.67	18" REBAR & CAP
3	HS-2409 CP 2	813883.040	1520056.354	901.10	18" REBAR & CAP

PROPOSED ALIGNMENT: L (EXISTING RETAINED)												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	813860.658	1520102.372	N00°43'34.4"W	16.7487							
PC	10+16.75	813877.405	1520102.160	N02°48'43.4"E	1357.7326	07°04'35.5" R	00°31'15.1"	1358.596	680.1628	11000		
PT	23+75.34	815233.503	1520168.770	N06°21'01.1"E	87.995							
END	24+63.34	815320.958	1520178.503									

PROPOSED ALIGNMENT: Y1 (EXISTING RETAINED)												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
PC	10+00.00	814512.197	1519906.813	N69°38'16.4"E	141.6944	05°38'24.4" R	03°58'43.9"	141.7516	70.9331	1440.0000		
PT	11+41.75	814561.499	1520039.653	N72°27'28.6"E	80.0617							
END	12+21.81	814585.631	1520115.992									

PROPOSED ALIGNMENT: Y2 (EXISTING RETAINED)												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	814593.828	1520116.420	N72°59'51.5"E	38.7583							
PC	10+38.76	814605.161	1520153.484	N72°23'21.4"E	215.8601	01°13'00.2" L	00°33'49.2"	215.8641	107.9361	10165		
END	12+54.62	814670.469	1520359.228									



NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE DIVISION 9 DDC UNIT

I, Daniel C. Ulrich, PLS, CERTIFY THAT THE PROJECT CONTROL WAS PERFORMED UNDER MY SUPERVISION FROM AN ACTUAL GPS SURVEY MADE UNDER MY SUPERVISION AND THE FOLLOWING INFORMATION WAS USED TO PERFORM THE SURVEY:

CLASS OF SURVEY: AA
TYPE OF GPS FIELD PROCEDURE: RTN
DATES OF SURVEY: September 22, 2025 through February 18, 2026
DATUM/EPOCH: NAD 83(2011)
PUBLISHED/FIXED-CONTROL USE: N/A
LOCALIZED AROUND: HS-2409E CP 1
NORTHING: 814,546.503'
EASTING: 1,520,093.455'
COMBINED GRID FACTOR: 0.999914464
GEOID MODEL: G18
UNITS: US Survey Foot

I ALSO CERTIFY THAT THE BASELINE CONTROL FOR THIS PROJECT WAS COMPLETED UNDER MY DIRECT AND RESPONSIBLE CHARGE FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; THAT ALL HORIZONTAL CLOSURES HAD A MINIMUM RATIO OF PRECISION OF 1:20,000 (CLASS AA) AND VERTICAL ACCURACY TO CLASS A. FIELD WORK WAS PERFORMED FROM 09/22/25 TO 02/18/26 , AND ALL COORDINATES ARE BASED ON NAD 83/NA 2011 AND ALL ELEVATIONS ARE BASED ON NAVD 88; THAT THIS SURVEY WAS PERFORMED TO MEET THE REQUIREMENTS OF 21NCAC 56.1600 AS APPLICABLE.

THIS DAY OF , 20 .

PROFESSIONAL LAND SURVEYOR L-5635

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALES

50' 25' 0' 50' 100'

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "HS-2409E CP1" WITH NAD 83/2011 STATE PLANE GRID COORDINATES OF NORTHING: 814,546.503(ft) EASTING: 1,520,093.455(ft) ELEVATION: 905.67(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999914464
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

Prepared in the Office of:
DIVISION OF HIGHWAYS
NINTH DIVISION DESIGN/ CONSTRUCT
375 SILAS CREEK PKWY, WINSTON SALEM, NC 27127

RIGHT OF WAY DATE: *N/A*

LETTING DATE: *MAY 13, 2026*

PROFESSIONAL LAND SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-5635 LAND SURVEYOR DANIEL C. ULRICH

DocuSigned by: Daniel Ulrich 04/20/2026
SIGNATURE: *DATE:*

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION

09/08/99

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJ. REFERENCE NO.	SHEET NO.
HS-2409E	TCP-1

PLAN FOR PROPOSED TRAFFIC CONTROL, MARKING & DELINEATION

DAVIE COUNTY

TIP PROJECT: HS-2409E

2024 ROADWAY ENGLISH STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 16, 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1145.01	BARRICADES
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS

INDEX OF SHEETS

LEGEND

GENERAL

- DIRECTION OF TRAFFIC FLOW
- DIRECTION OF PEDESTRIAN TRAFFIC FLOW
- EXIST. PVMT.
- NORTH ARROW
- PROPOSED PVMT.
- TEMP. SHORING (LOCATION PURPOSES ONLY)
- WORK AREA
- REMOVAL
- USER DEFINED (IF NEEDED)
- USER DEFINED (IF NEEDED)

SIGNALS

EXISTING PROPOSED TEMP TEMPORARY

PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

TRAFFIC CONTROL DEVICES

- BARRICADE (TYPE III)
- CONE
- DRUM SKINNY DRUM TUBULAR MARKER
- TEMPORARY CRASH CUSHION
- FLASHING ARROW BOARD
- FLAGGER
- LAW ENFORCEMENT
- TRUCK MOUNTED ATTENUATOR (TMA)
- CHANGEABLE MESSAGE SIGN

TEMPORARY SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

PAVEMENT MARKERS

- CRYSTAL/CRYSTAL
- CRYSTAL/RED
- YELLOW/YELLOW

PAVEMENT MARKING SYMBOLS

PAVEMENT MARKING SYMBOLS

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · DIVISION 9 DESIGN CONSTRUCT

APPROVED: DocuSigned by: Daniel Ulrich 9136A995F61E400...

DATE: 04/20/2026

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 056044 ENGINEER DANIEL C. ULRICH

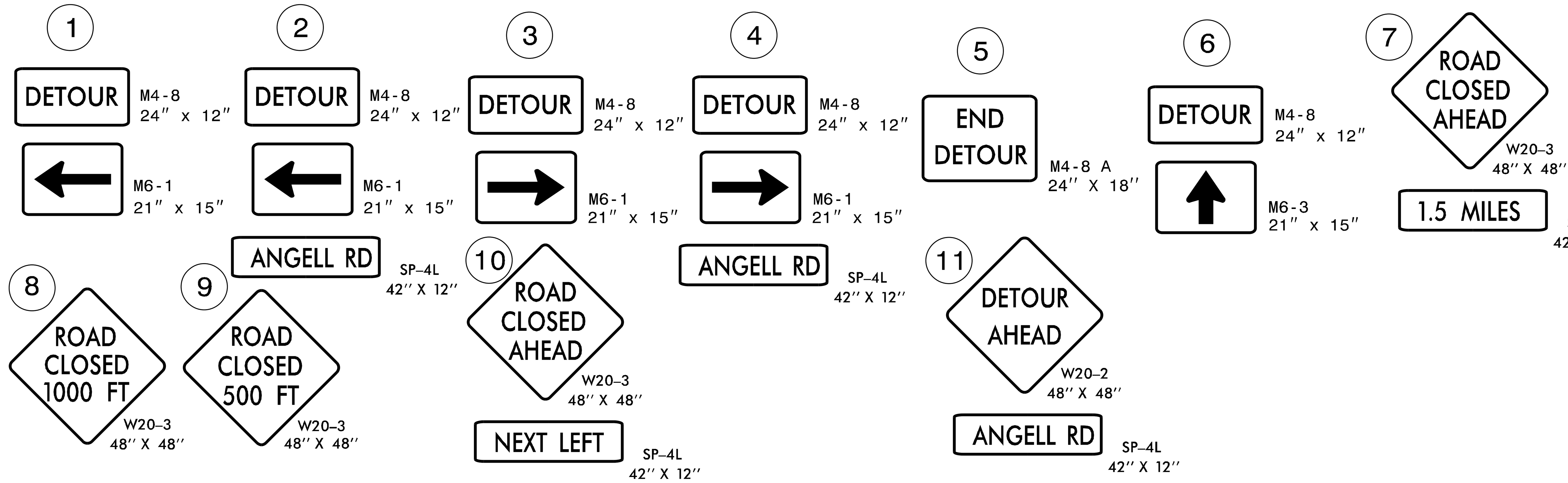
20-APR-2026 10:02
S:\Project Development\TIP_Projects_HS\HS-2409E-US601-AngelRdWedging\Traffic\TrafficControl\HS-2409E_DDC_TMP.dgn
$$$$USERNAME$$$$

PROJECT REFERENCE NO.	SHEET NO.
HS-2409E	TCP-2
R/W SHEET NO.	

WORK ZONE TRAFFIC CONTROL ENGINEER

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 056044 DANIEL C. ULRICH

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



PHASING

PHASE I

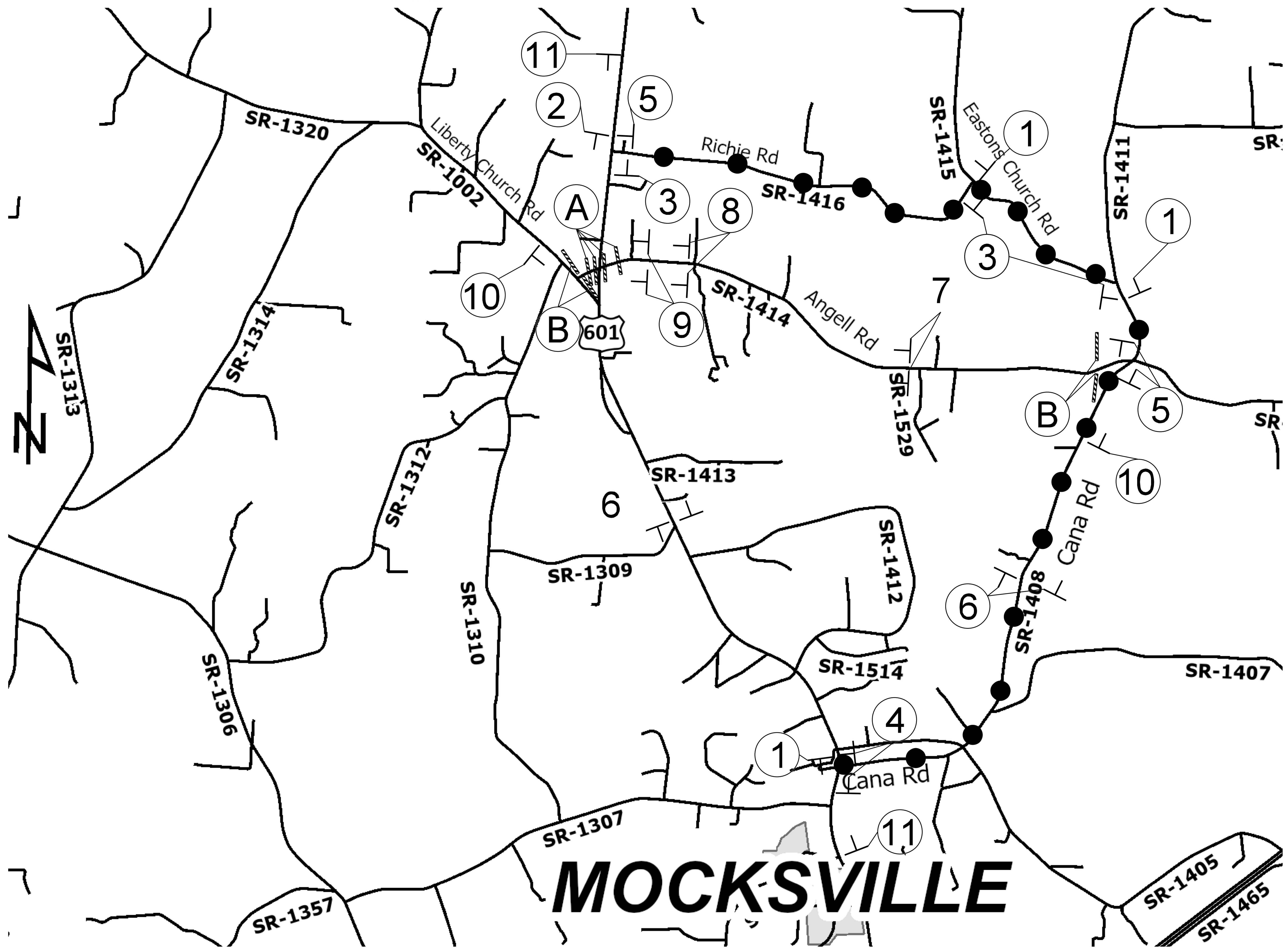
PRIOR TO ANY CONSTRUCTION OPERATIONS, PLACE AND COVER OFF-SITE DETOUR SIGNING AS SHOWN ON TCP-2 AND IN ACCORDANCE WITH RSD 1102.03 (SHEET 1 OF 9).COMPLETE WIDENING AS SHOWN IN TYPICAL SECTION.

PHASE II

USING OFF-SITE DETOUR, UNCOVER DETOUR SIGNS, CLOSE -Y1- & -Y2- (SR 1414/ANGELL RD.) TO TRAFFIC, EXCAVATE AND CONSTRUCT PAVING AND DRAINAGE UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE.

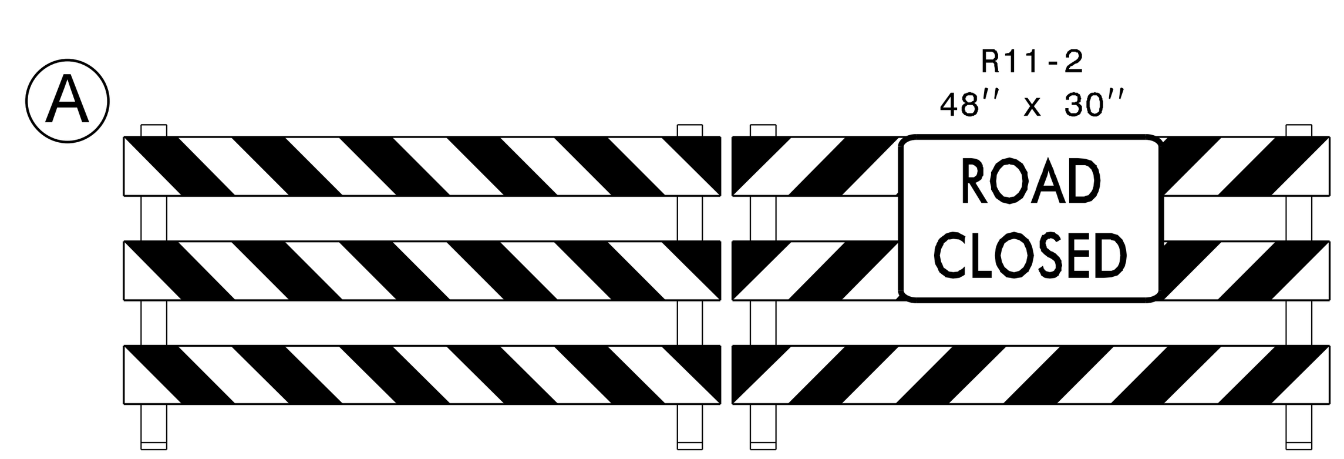
PHASE III

UPON COMPLETION OF PAVING AND DRAINAGE, PLACE FINAL SURFACE, THEN PAVEMENT MARKING IN ACCORDANCE WITH RSD 1205.01. REMOVE BARRICADES, DETOUR SIGNS, AND OPEN -Y1- & -Y2-(SR 1414) TO TRAFFIC.

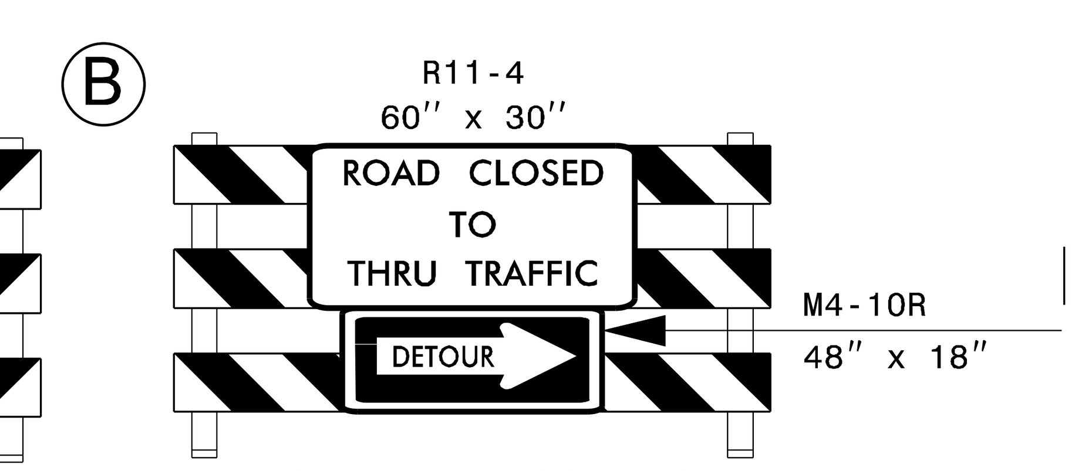


DETOUR ROUTE ● ● ●

DETOUR LENGTH 5.7 MILES



TYPE III BARRICADE(S)



TYPE III BARRICADE

GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

LANE AND SHOULDER CLOSURE REQUIREMENTS:

A) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.

B) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.

TRAFFIC PATTERN ALTERATIONS

C) NOTIFY THE ENGINEER TWENTY ONE (21) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION

SIGNING

D) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.

E) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.

PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN ON THIS SHEET.

F) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.

COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.

G) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

H) INSTALL AND ACTIVATE CMS SIGNS 2 WEEKS PRIOR TO ROAD CLOSURE.

TRAFFIC CONTROL DEVICES

I) PLACE TYP III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

PAVEMENT MARKINGS AND MARKERS

J) INSTALL PAVEMENT MARKINGS ON THE FINAL SURFACE AS FOLLOWS:

ROAD NAME	MARKING
US 601	THERMOPLASTIC
US 601	SNOWPLOWABLE PAVEMENT MARKER
SR 1414 (ANGELL RD)	THERMOSPLASTIC

K) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

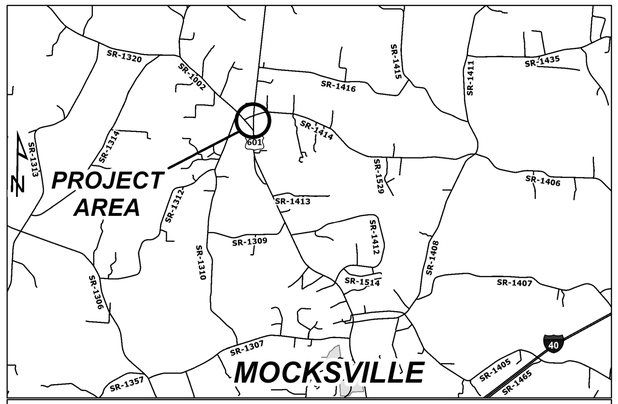
L) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS.

M) PASSING ZONE WILL BE DETERMINED IN THE FIELD AND MUST BE APPROVED BY THE ENGINEER.

REVISIONS

8/17/99

TIP PROJECT: HS-2409E



VICINITY MAP (NOT TO SCALE)

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HS-2409E	EC-1	

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
50981.1.6		PE
50981.3.6		CONST.

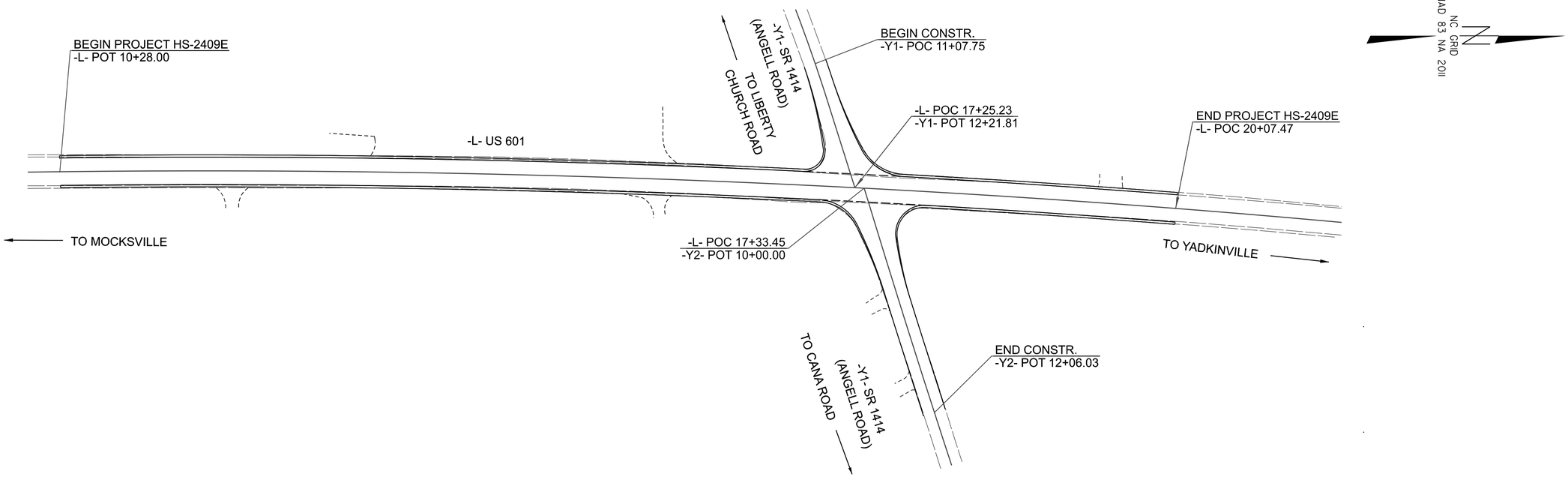
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL

DAVIE COUNTY

LOCATION: *US 601 AT SR 1414 (ANGELL ROAD)*

TYPE OF WORK: *GRADING, PAVING, AND DRAINAGE*



GRAPHIC SCALE

50 25 0 50 100

PLANS

THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH THE REGULATIONS SET FORTH BY THE NCG-010000 GENERAL STORMWATER CONSTRUCTION PERMIT ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION OF ENERGY, MINERAL, AND LAND RESOURCES.

Prepared in the Office of:

DIVISION OF HIGHWAYS

NINTH DIVISION DESIGN CONSTRUCT

375 SILAS CREEK PARKWAY, WINSTON-SALEM, NC, 24127

2024 STANDARD SPECIFICATIONS

Designed by:

HUNTER S. GRIESER ***4865***

NAME *LEVEL III CERTIFICATION NO.*

Roadway Standard Drawings

The "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2024 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

PROJECT REFERENCE NO.	SHEET NO.
HS-2409E	EC-02

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

EROSION & SEDIMENT CONTROL LEGEND

Std. #	Description	Symbol
1605.01	Temporary Silt Fence	
1606.01	Special Sediment Control Fence	
1622.01	Temporary Berms and Slope Drains	
1630.02	Silt Basin Type B	
1630.03	Temporary Silt Ditch	TSD
1630.04	Stilling Basin	
1630.05	Temporary Diversion	TD
1630.06	Special Stilling Basin	
1630.07	Skimmer Basin	
1630.08	Tiered Skimmer Basin	
1630.09	Earthen Dam with Skimmer	
	Infiltration Basin	
	Rock Inlet Sediment Trap:	
1632.01	Type A	A
1632.02	Type B	B
1632.03	Type C	C

Std. #	Description	Symbol
1633.01	Temporary Rock Silt Check Type A	
1633.02	Temporary Rock Silt Check Type B	
1633.03	Temporary Rock Silt Check Type A with Excelsior Matting and Flocculant	
1634.01	Temporary Rock Sediment Dam Type A	
1634.02	Temporary Rock Sediment Dam Type B	
1635.01	Rock Pipe Inlet Sediment Trap Type A	A
1635.02	Rock Pipe Inlet Sediment Trap Type B	B
1636.01	Excelsior Wattle Check	
1636.01	Excelsior Wattle Check with Flocculant	
1636.01	Coir Fiber Wattle Check	
1636.01	Coir Fiber Wattle Check with Flocculant	
1636.02	Silt Fence Excelsior Wattle Break	EW
	Silt Fence Coir Fiber Wattle Break	CFW
1636.03	Excelsior Wattle Barrier	EW EW EW
1636.03	Coir Fiber Wattle Barrier	CFW CFW CFW

PROJECT REFERENCE NO.	SHEET NO.
HS-2409E	EC-03

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION SUMMARY

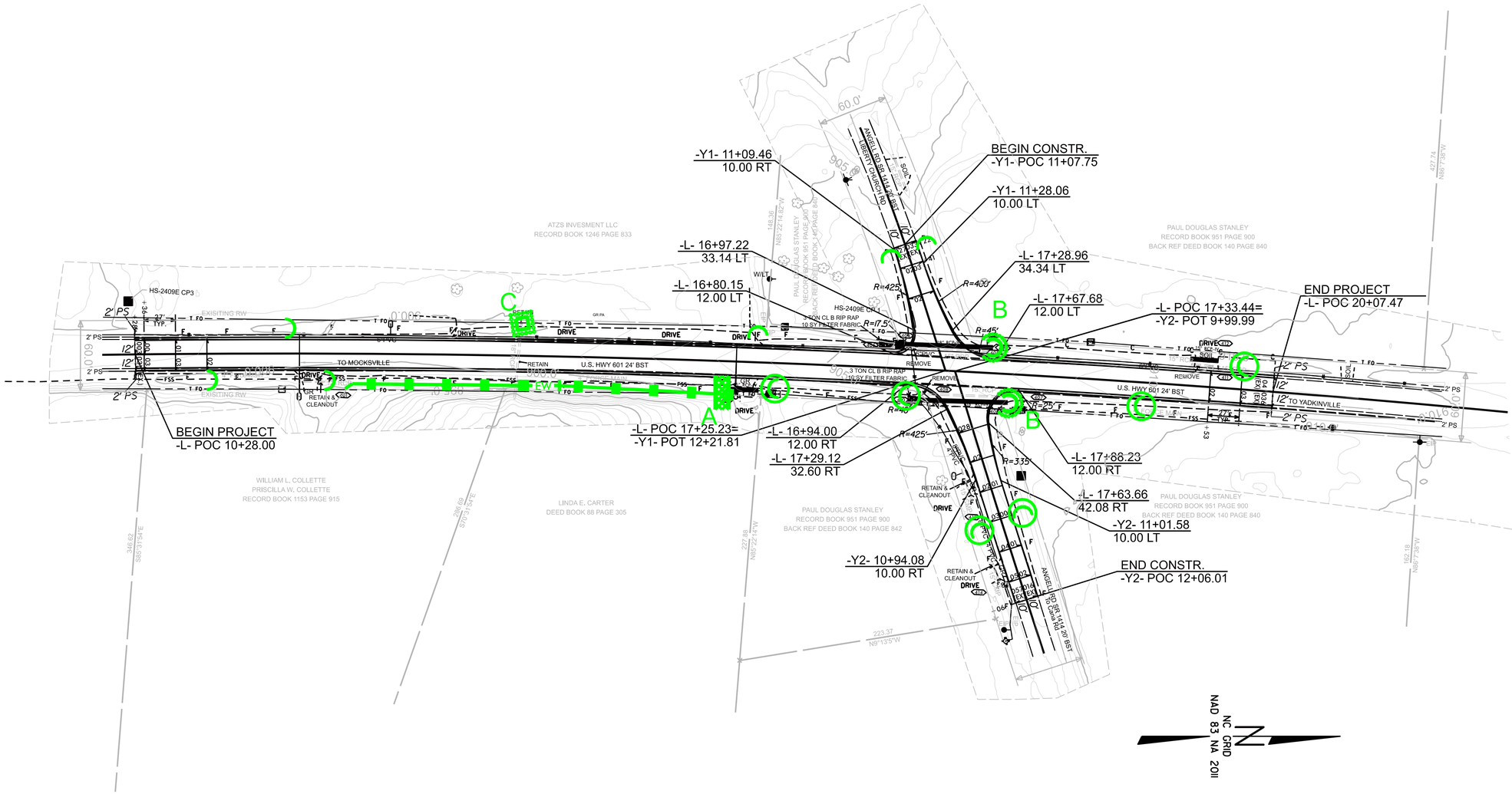
MATTING FOR EROSION CONTROL

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SY)
MISCELLANEOUS MATTING TO BE INSTALLED AS DIRECTED BY THE ENGINEER					1,000

SOIL STABILIZATION TIMEFRAMES

SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 TO 4:1	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH WITH SLOPES STEEPER THAN 4:1. 7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES PERIMETER SLOPES, AND HQW ZONES
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES PERIMETER SLOPES, AND HQW ZONES

PROJECT REFERENCE NO.	SHEET NO.
HS-2409E	EC-04



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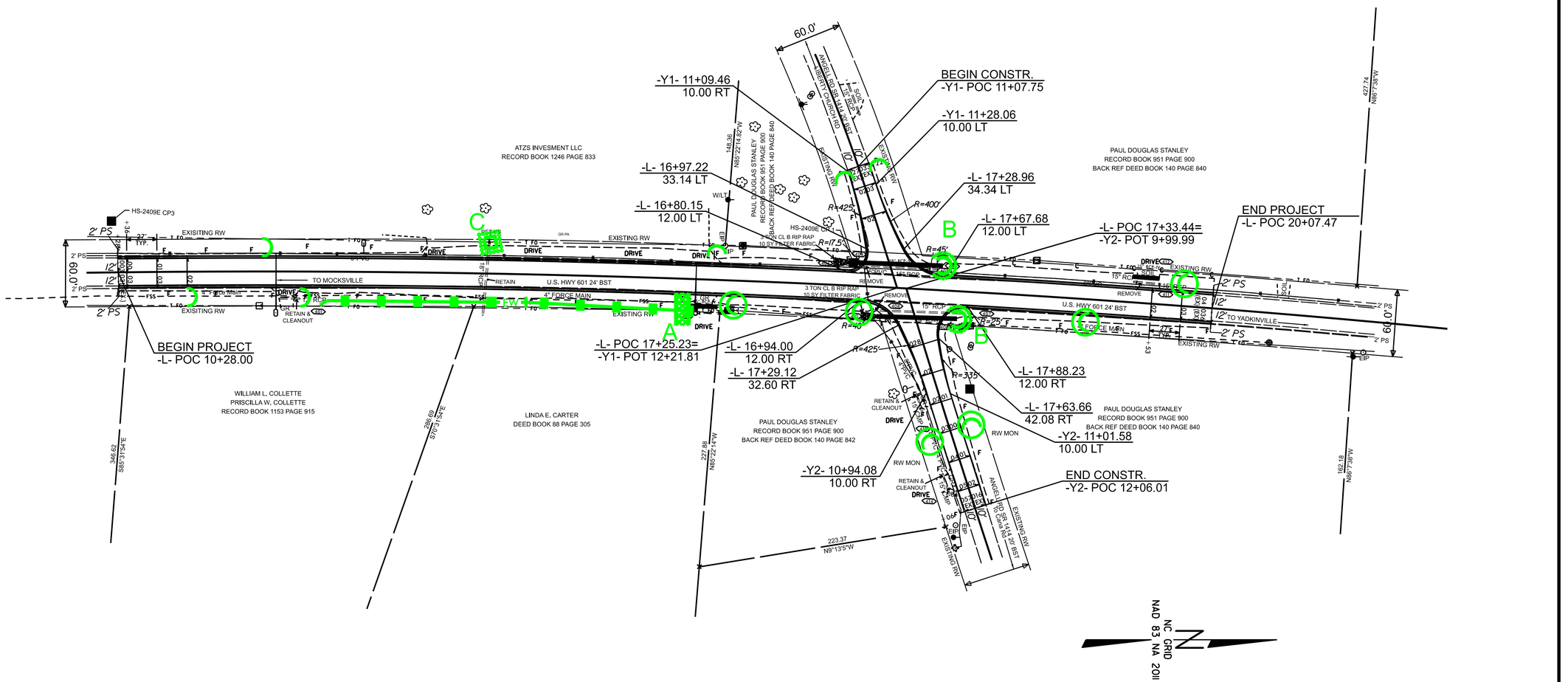
HS-2409E	EC-05



TIP NO.	SHEET NO.
HS-2409E	SIGN-1

APPROVED: Daniel Ulrich (DocuSigned by: 9136A995F61E400...)

DATE: 04/20/2026

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 056044 ENGINEER DANIEL C. ULRICH

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
DAVIE

LOCATION: U.S. 601 AT SR 1414 (ANGELL RD)

TIP PROJECT: HS-2409E

CONTRACT: DI00383

INDEX

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

GENERAL NOTES

. SIGNS FURNISHED BY STATE

. CONFIRM IN WRITING AT LEAST 4 WEEKS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.

. IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.

. ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE LEFT UNDISTURBED UNLESS OTHERWISE NOTED ON PLANS.

. WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000-E	903	SUPPORTS, 3 LB STEEL U-CHANNEL	40	L.F.
4082000000-E	903	SUPPORTS, STEEL SQUARE TUBE	10	L.F.
4102000000-N	904	SIGN ERECTION, TYPE E	5	EA.
4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	5	EA.

PLAN PREPARED BY: NCDOT HIGHWAY DIVISION 9
DIVISION DESIGN/CONSTRUCT

DANIEL C. ULRICH, PE, PLS PROJECT ENGINEER

HUNTER S. GRIESER PROJECT DESIGN ENGINEER

STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION

PROJECT REFERENCE NO.	SHEET NO.
HS-2409E	SIGN-2

APPROVED: DocuSigned by: Daniel Ulrich 913EA995F61E400...

DATE: 04/20/2026

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 056044 ENGINEER DANIEL C. ULRICH

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(400) QUANTITY REQ'D 1

30" X 30"
W2-1

ONE "U" POSTS PER SIGN

(401) QUANTITY REQ'D 1

30" X 30"
W2-3

ONE "U" POST PER SIGN

(402) QUANTITY REQ'D 1

30" X 30"
R1-1

ONE "U" POST PER SIGN

(403) QUANTITY REQ'D 1

48" X 48"
R1-1

ONE STEEL SQUARE TUBE SUPPORT

(404) QUANTITY REQ'D 1

30" X 30"
W11-8

ONE "U" POSTS PER SIGN

TYPE E SIGNS

TIP NO.	SHEET NO.
HS-2409E	SIGN-3

APPROVED: DocuSigned by: Daniel Ulrich 9136A995F61E400...

DATE: 04/20/2026

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 056044 ENGINEER DANIEL C ULRICH

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

401

-L- 12+58 +/-

SEE NOTE 1

402

STOP

SEE NOTE 1

-L- 16+92 +/-

60.0'

ANGELL RD SR 1414 20' BST

LIBERTY CHURCH RD

SOIL

W/LT

EIP

GR PA

EXISITING RW

2' PS

60.0'

2' PS

TO MOCKSVILLE

U.S. HWY 601 24' BST

GR

EXISITING RW

SOIL

U.S. HWY 601 24' BST

TO YADKINVILLE

-L- 17+67 +/-

STOP

SEE NOTE 1

STOP

403

SEE NOTE 1

400

-L- 10+38 +/-

ANGELL RD SR 1414 20' BST To Siena Rd

EIP

404

SEE NOTE 1

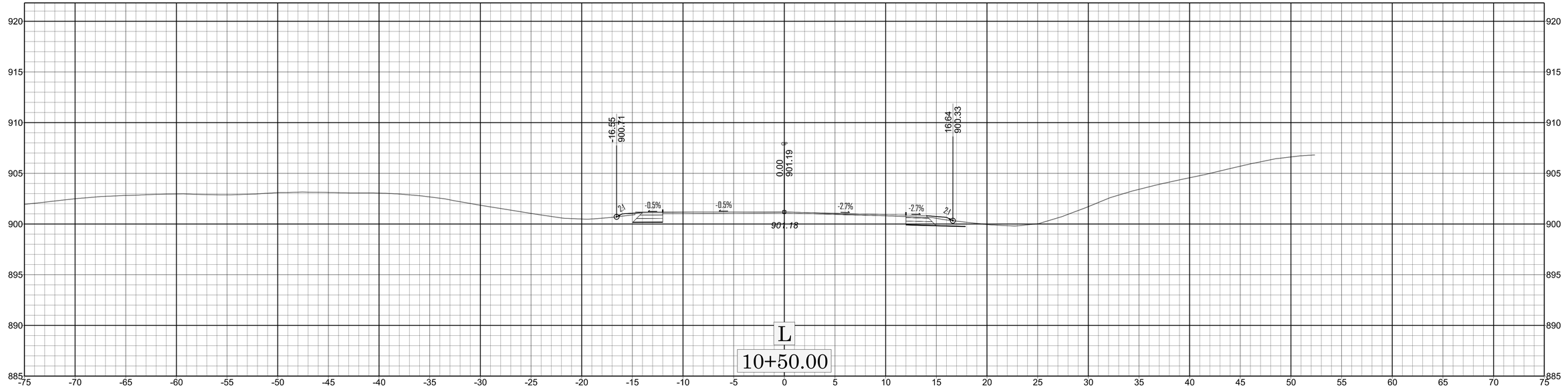
-L- 18+54 +/-

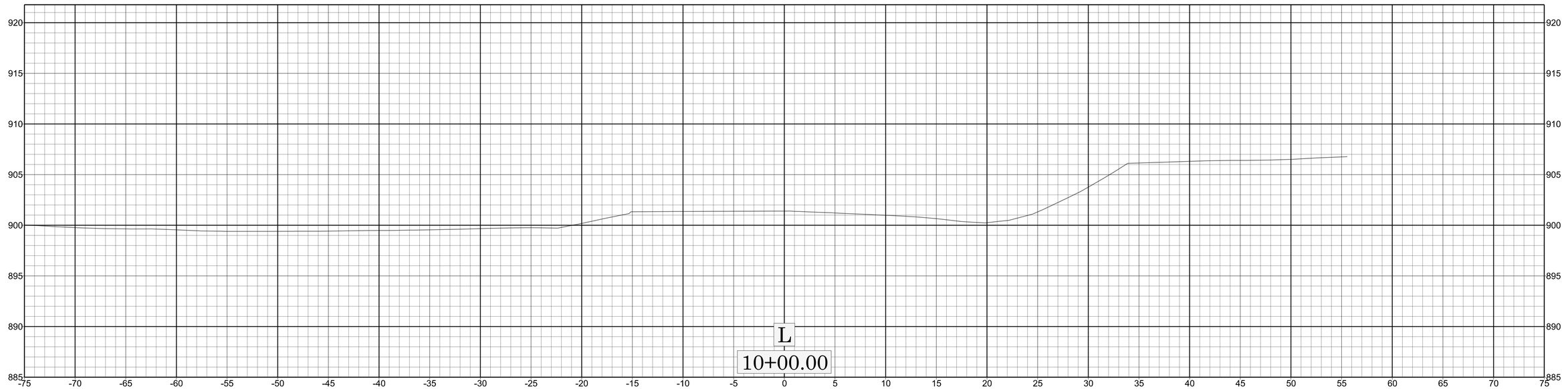
40 20 0 40 80

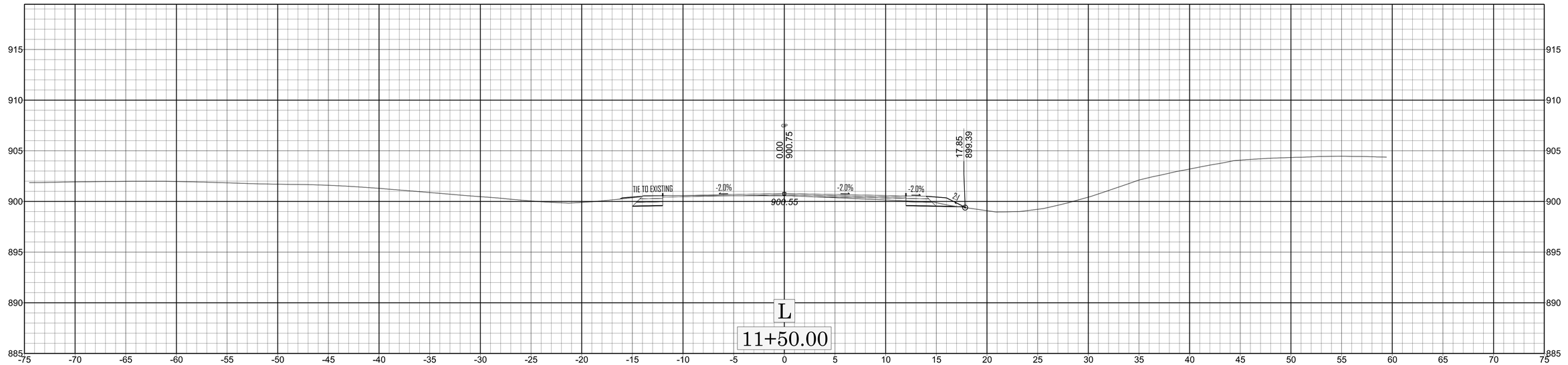
PROJECT NOTES

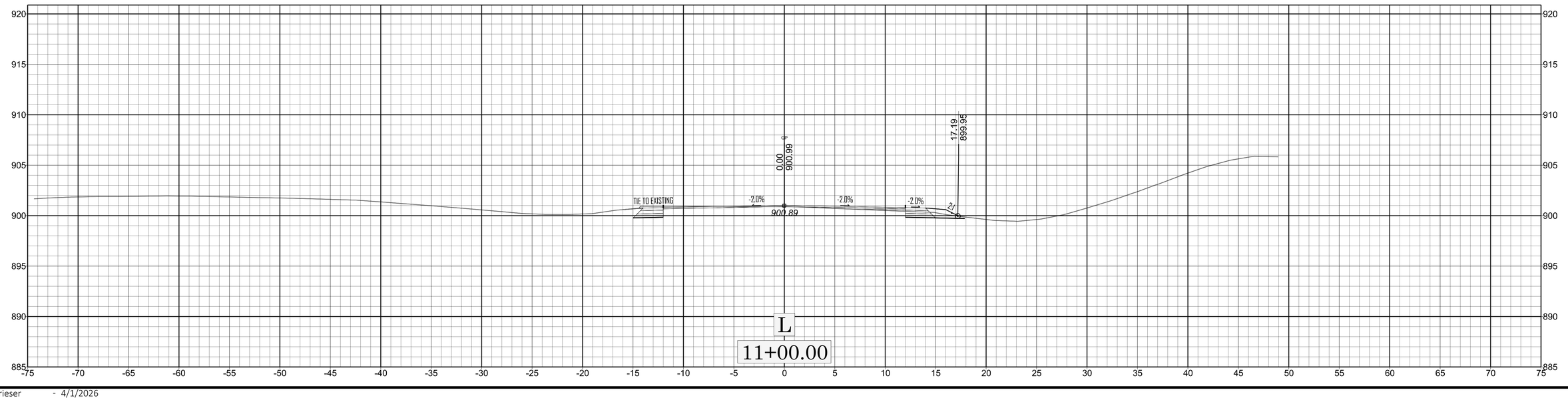
1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL

SIGNING PLAN SHEET


-16.55
900.71
0.00
901.19
16.64
900.33
-0.5%
-0.5%
-2.7%
-2.7%
901.18
L
10+50.00


L
10+00.00


915
910
905
900
895
890
885
-75 -70 -65 -60 -55 -50 -45 -40 -35 -30 -25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75
TIE TO EXISTING
-2.0%
-2.0%
-2.0%
0.00
900.75
900.55
17.85
899.39
21
L
11+50.00

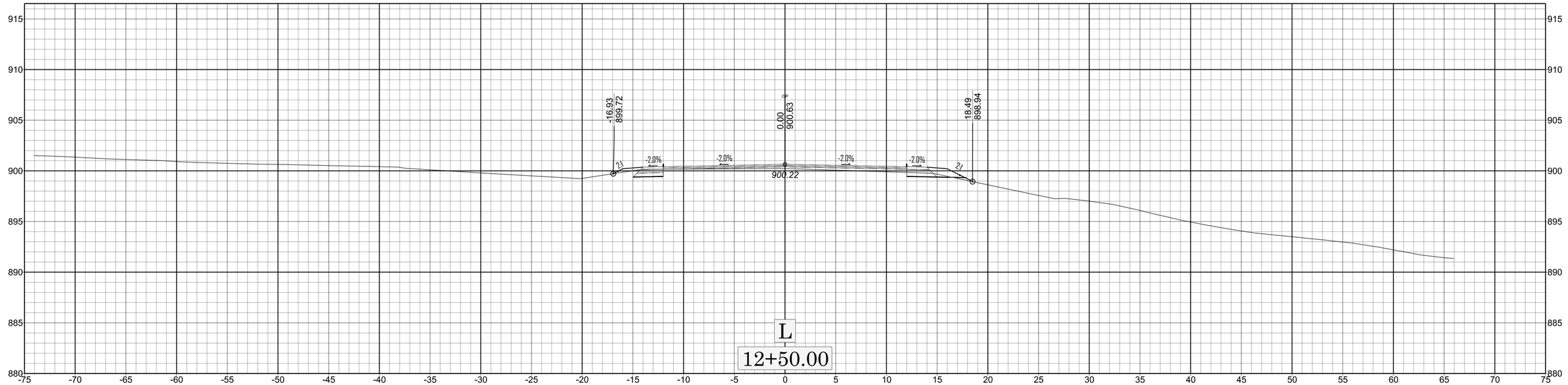

920
915
910
905
900
895
890
885
-75 -70 -65 -60 -55 -50 -45 -40 -35 -30 -25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75
TIE TO EXISTING
-2.0%
-2.0%
-2.0%
0.00
900.99
900.89
17.19
899.95
21
L
11+00.00

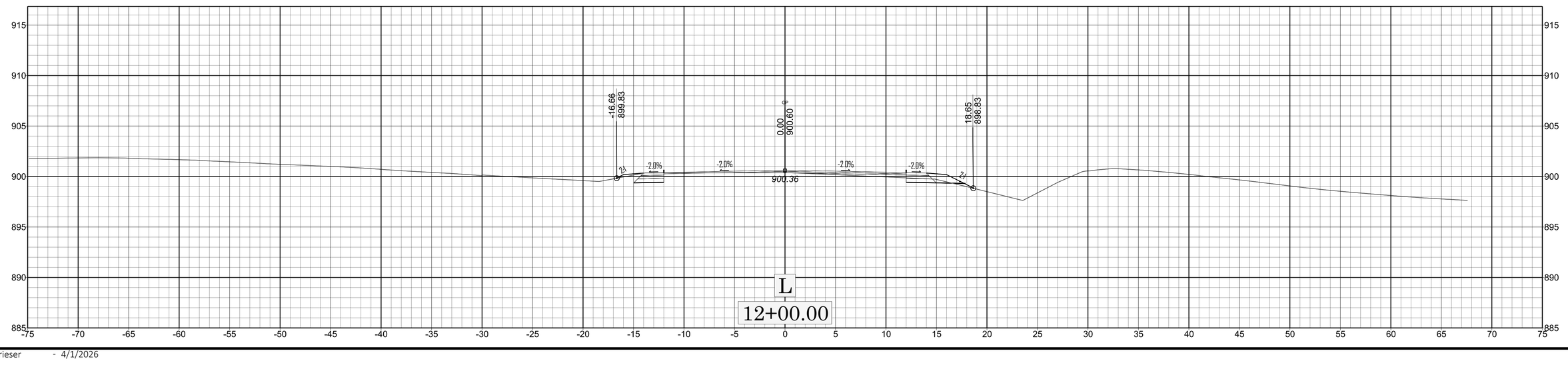

0
5
10

L

X-2

HS-2409E

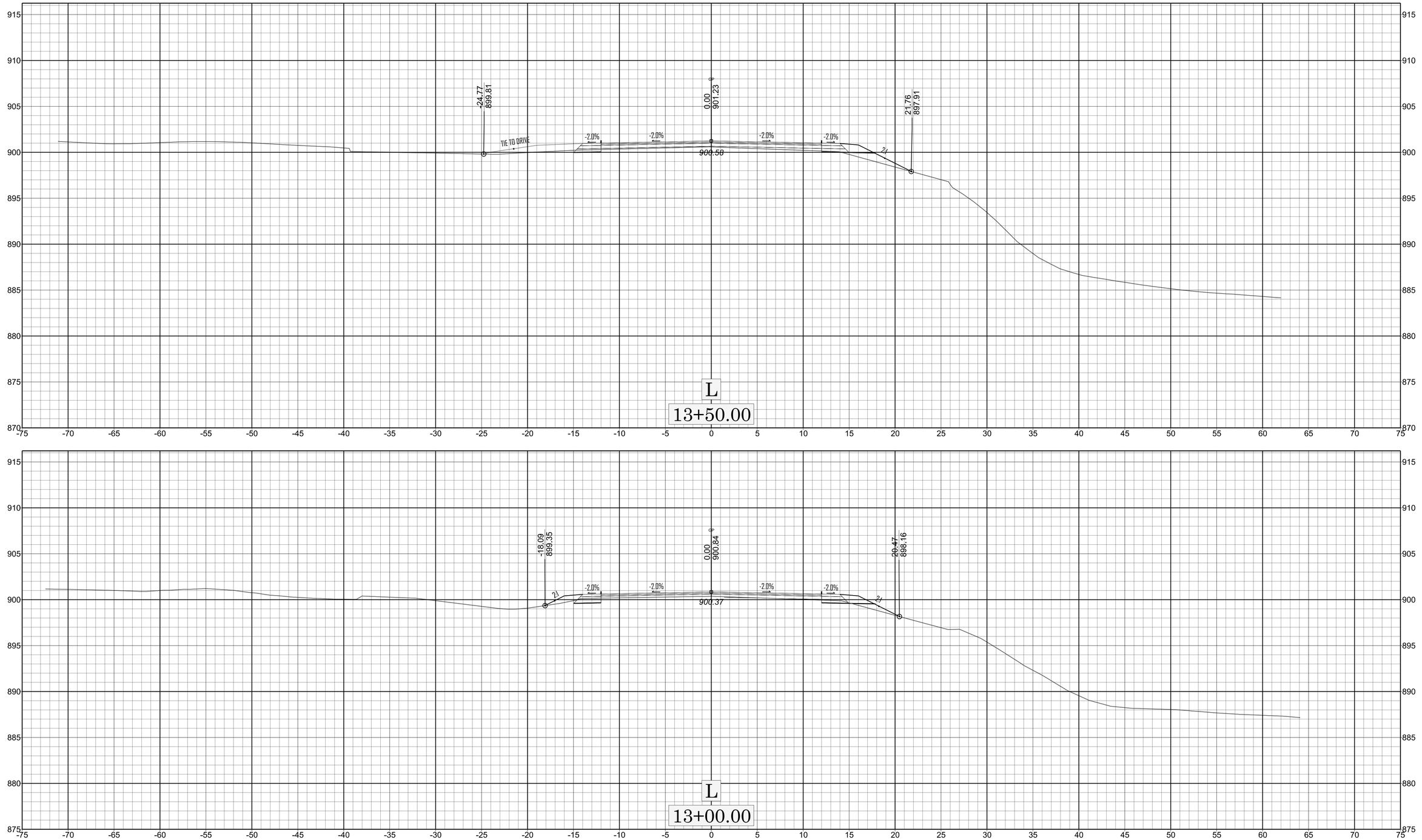


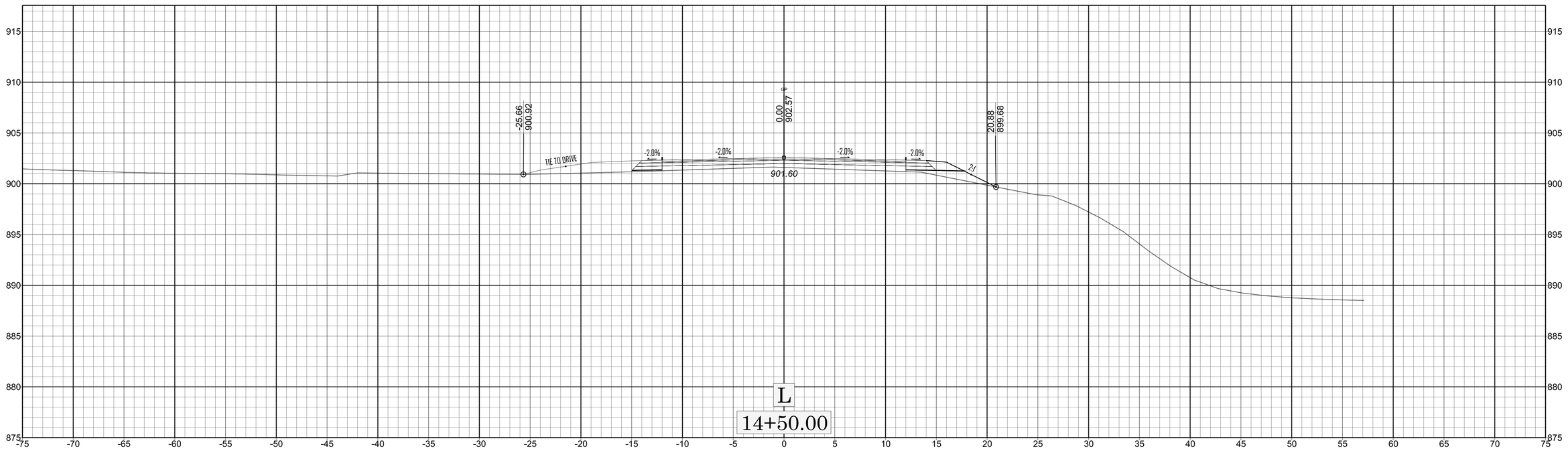


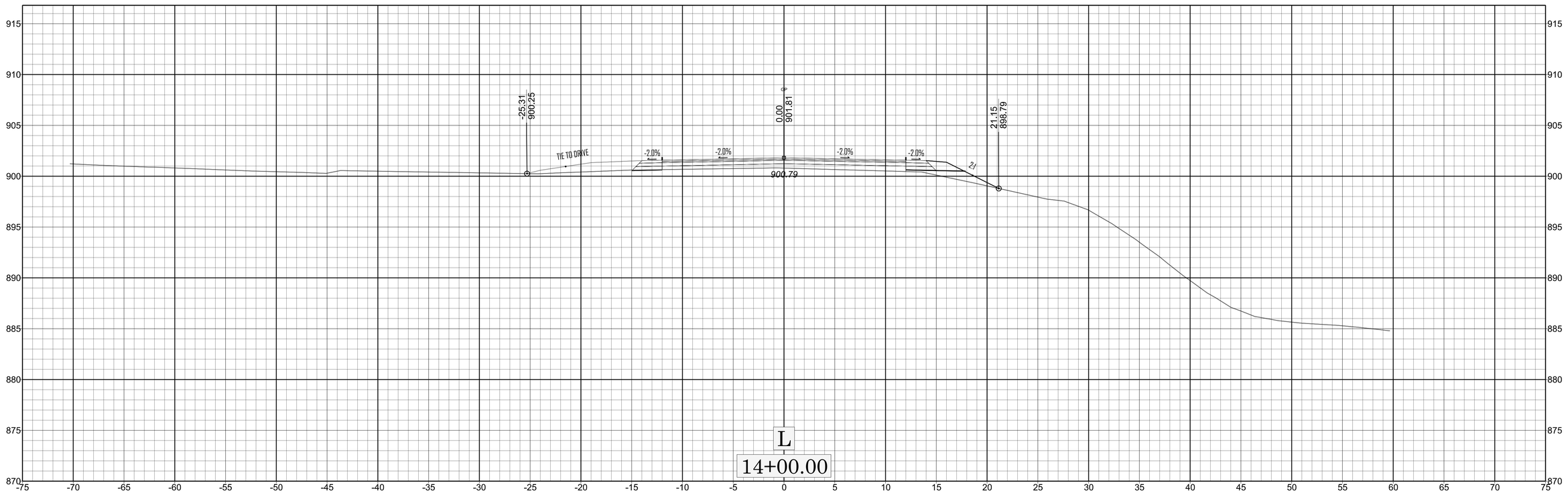
0 5 10

L X-3

HS-2409E


-24.77
899.81
TIE TO DRIVE
-2.0%
-2.0%
0.00
901.23
-2.0%
-2.0%
900.58
2%
21.76
897.91
L
13+50.00
-18.09
899.35
2%
-2.0%
-2.0%
0.00
900.84
-2.0%
-2.0%
900.37
2%
20.47
898.16
L
13+00.00



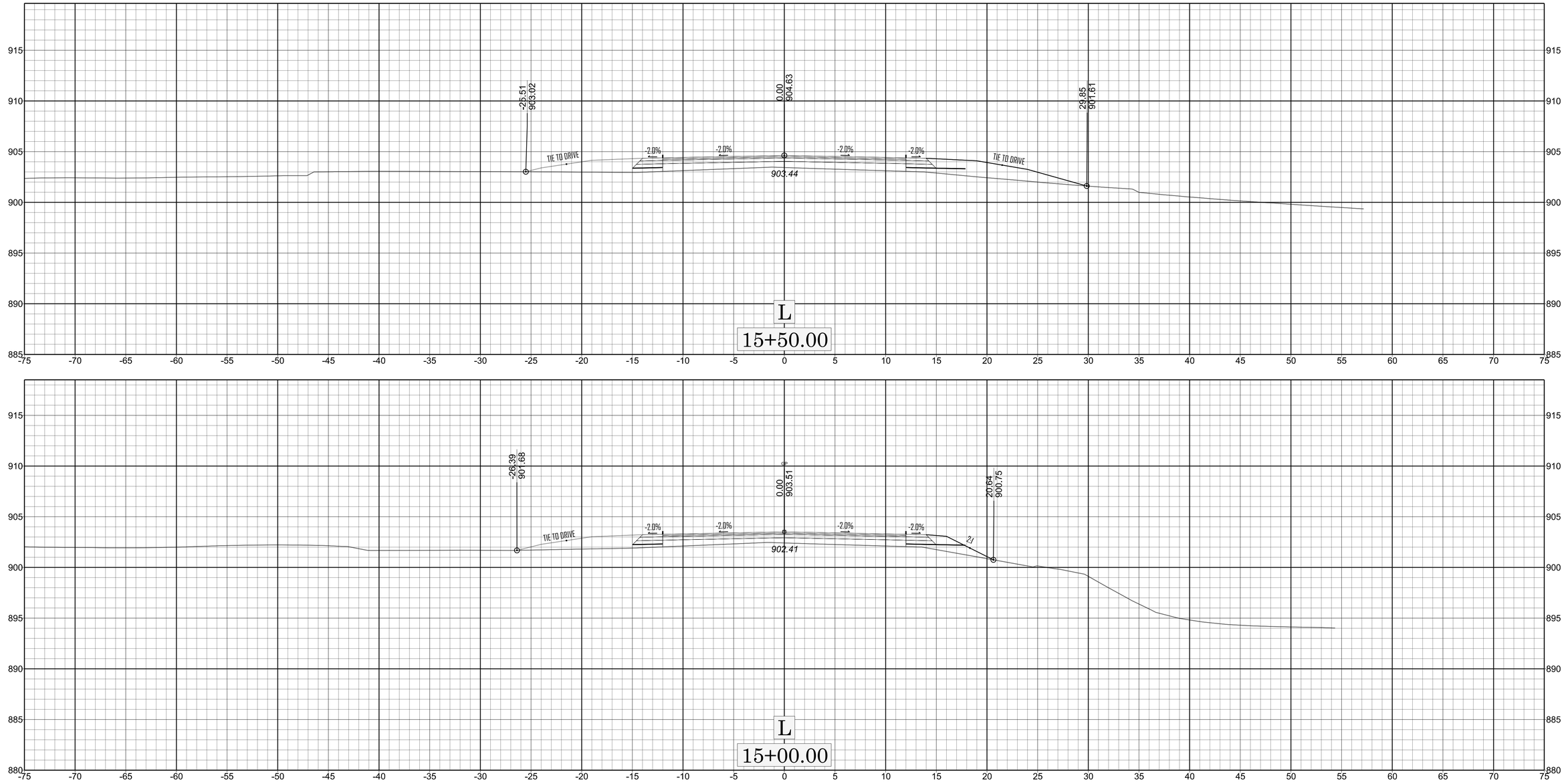


0 5 10

X-5

L

HS-2409E

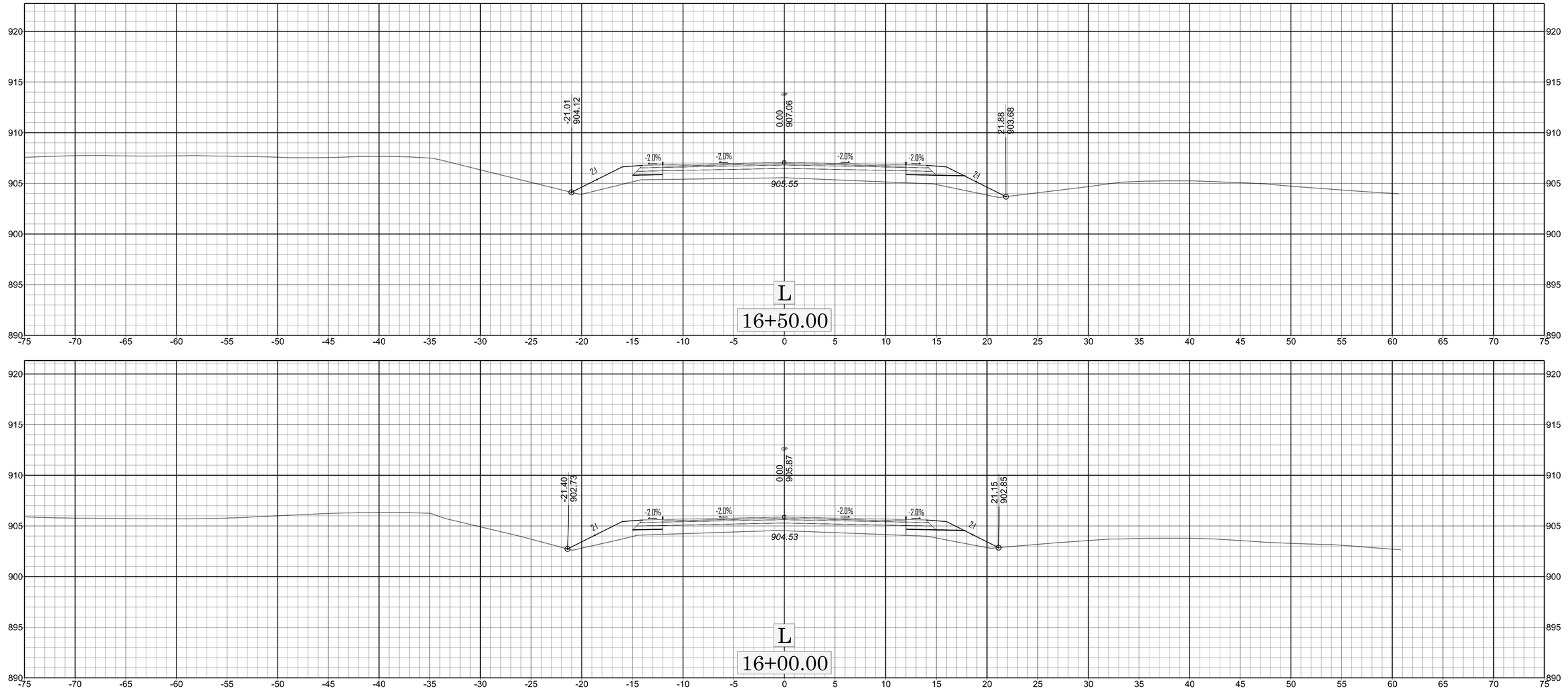


L | X-6

HS-2409E

DOT/hsgrieser - 4/1/2026

11/14/23

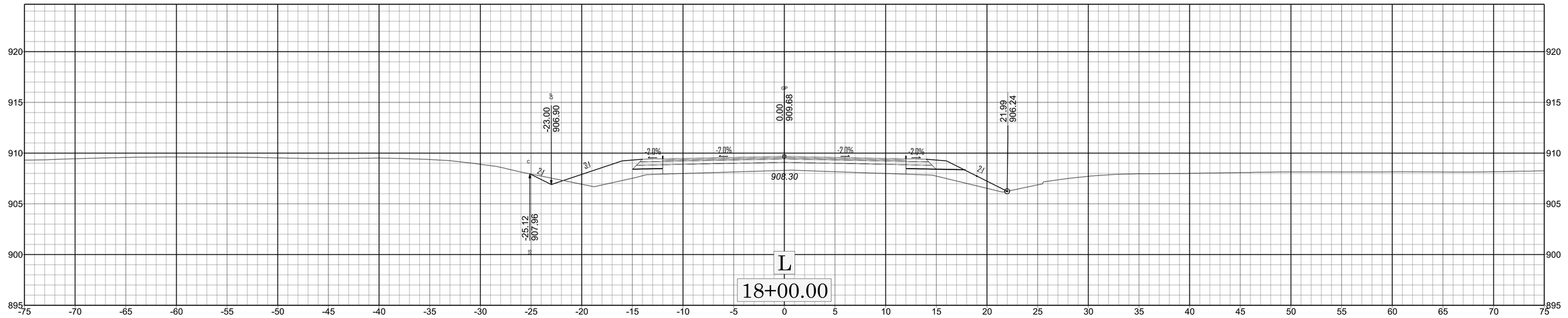


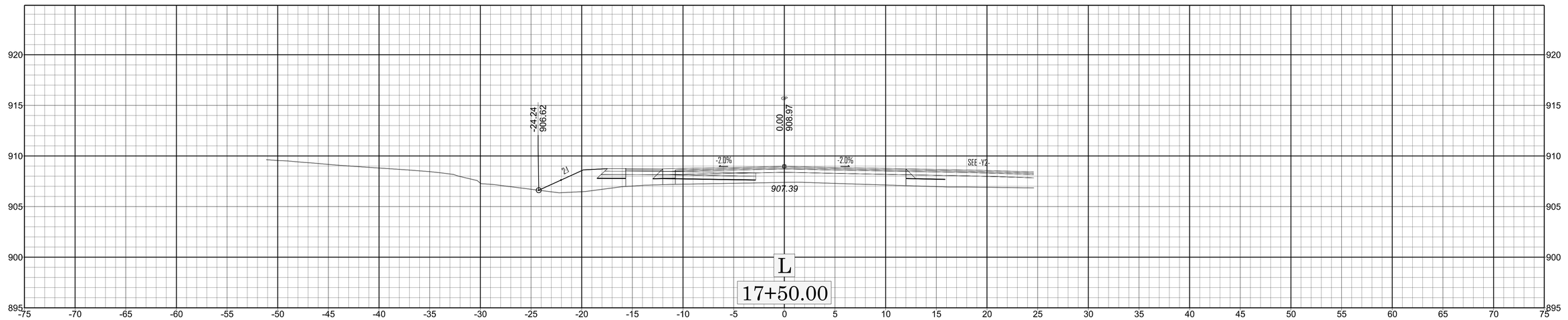
L

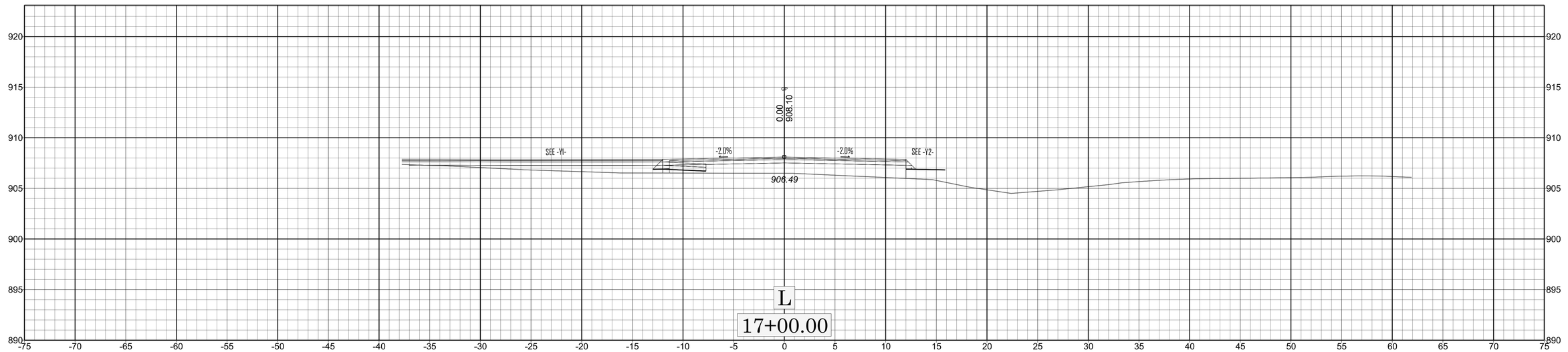
X-7

HS-24DBE

DOT/hsgrieser - 4/1/2026


-23.00
906.90
0.00
909.68
21.99
906.24
-25.12
907.96
908.30
-2.0%
-2.0%
-2.0%
-2.0%
2\
3\
L
18+00.00

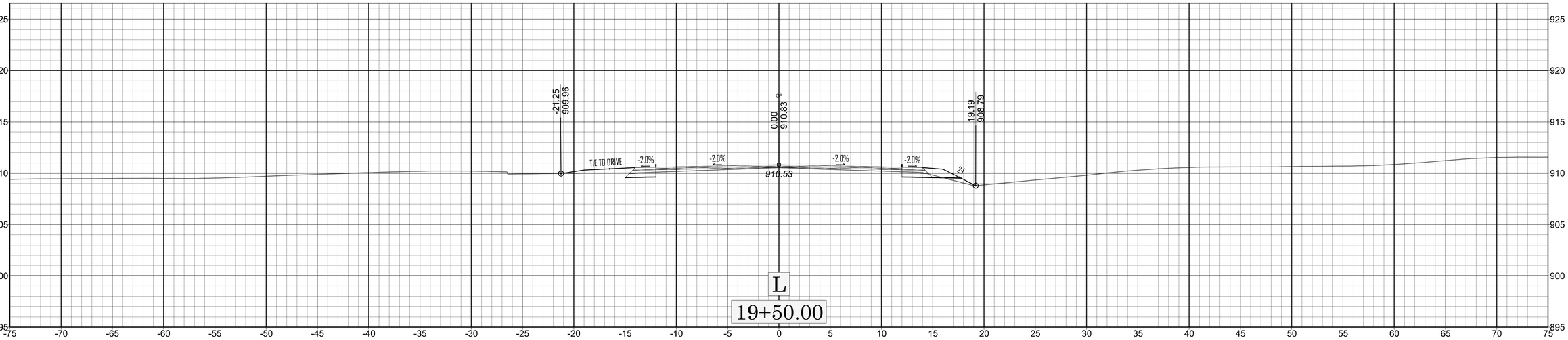

-24.24
906.62
0.00
908.97
907.39
-2.0%
-2.0%
SEE -Y2-
2\
L
17+50.00

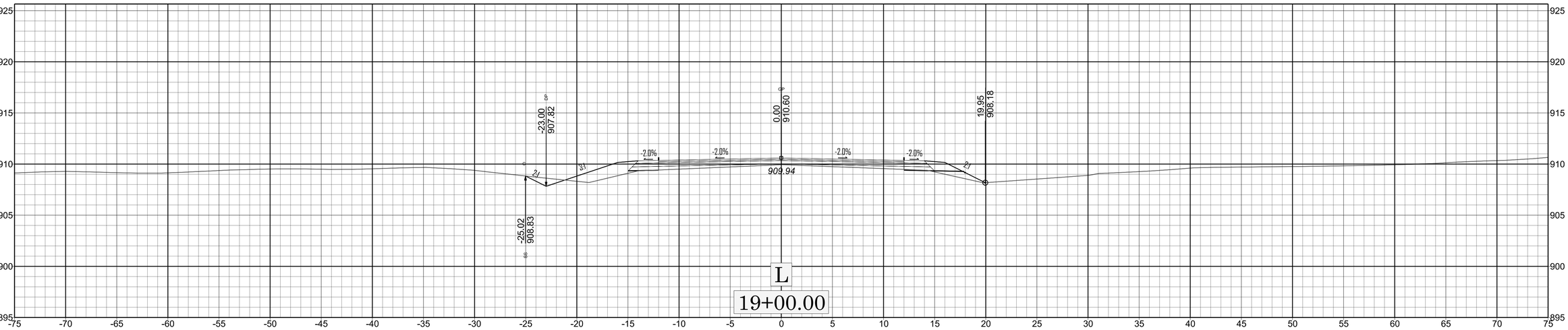

0.00
908.10
906.49
SEE -Y1-
SEE -Y2-
-2.0%
-2.0%
L
17+00.00

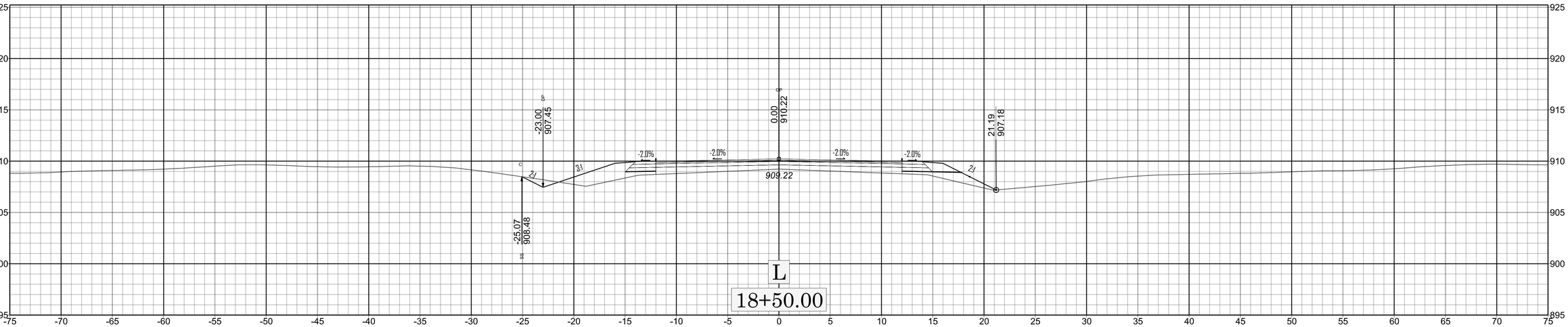
X-8

L

HS-2409E

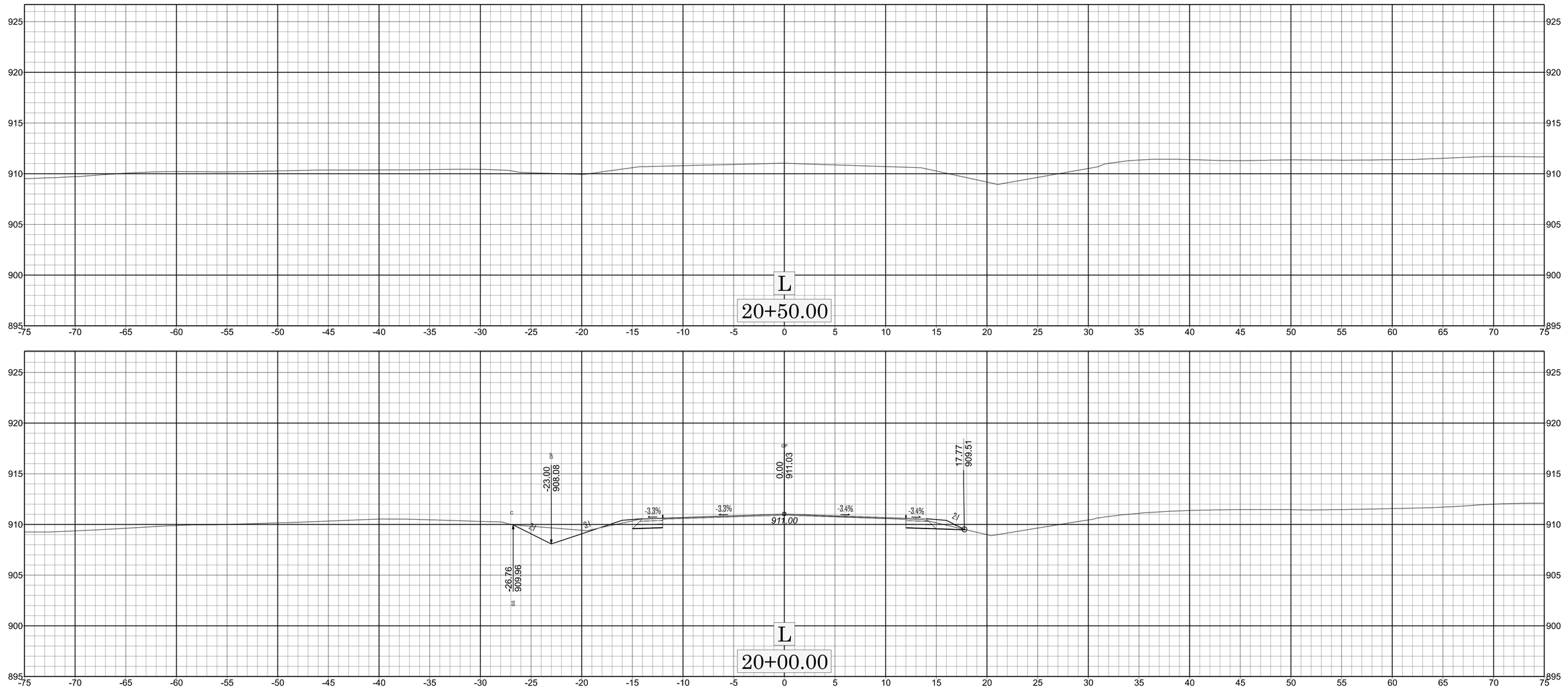

-21.25
909.96
0.00
910.83
19.19
908.79
TIE TO DRIVE
-2.0%
-2.0%
-2.0%
-2.0%
910.53
2:1
L
19+50.00


-23.00
907.82
0.00
910.60
19.95
908.18
-2.0%
-2.0%
-2.0%
-2.0%
909.94
2:1
3:1
-25.02
908.83
L
19+00.00


-23.00
907.45
0.00
910.22
21.19
907.18
-2.0%
-2.0%
-2.0%
-2.0%
909.22
2:1
3:1
-25.07
908.48
L
18+50.00

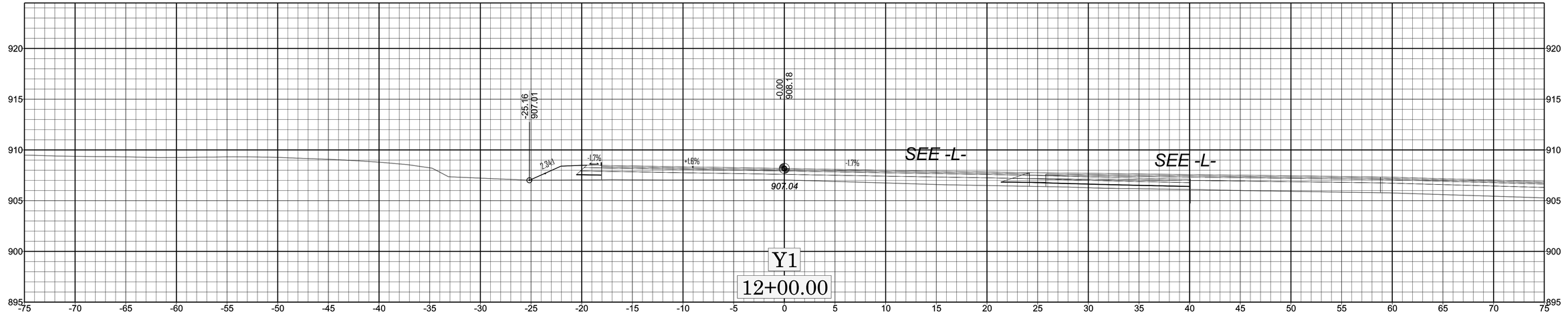
0
5
10

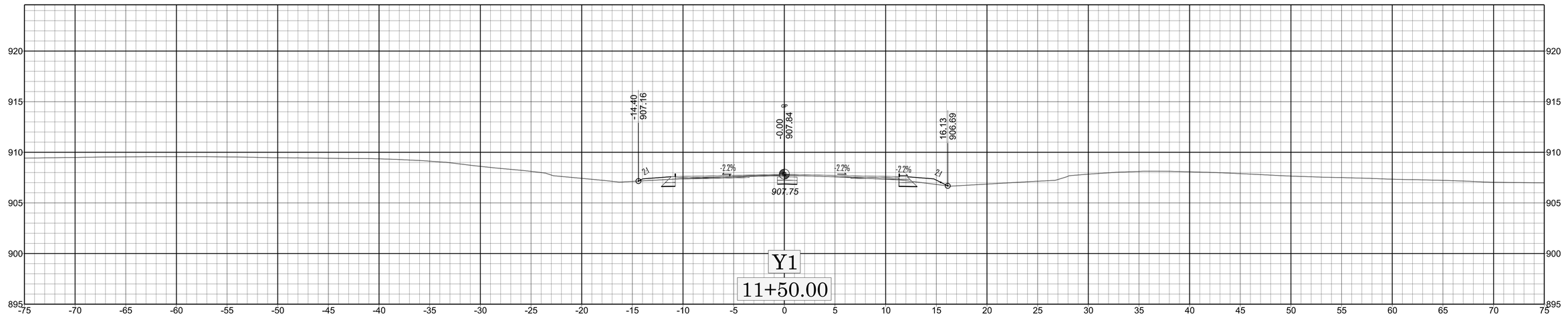
B-X
L
HS-2409E

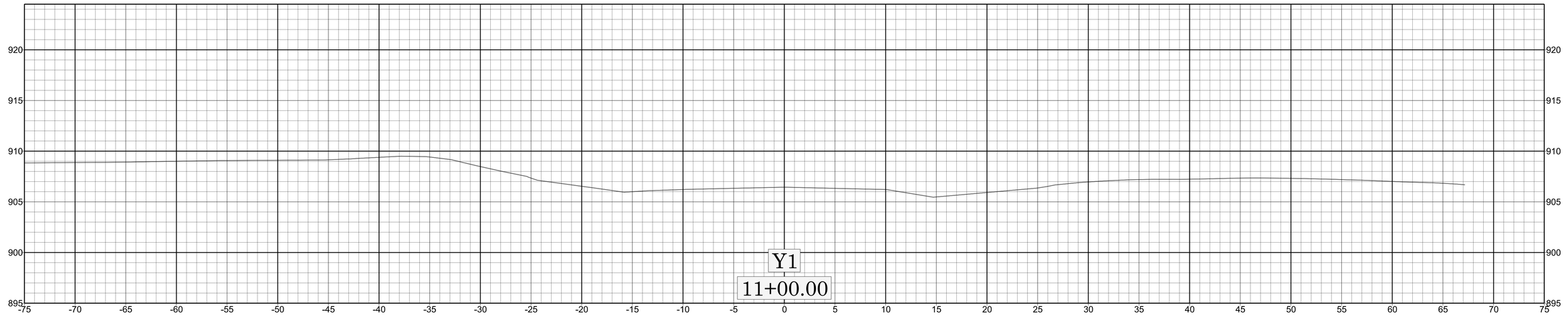


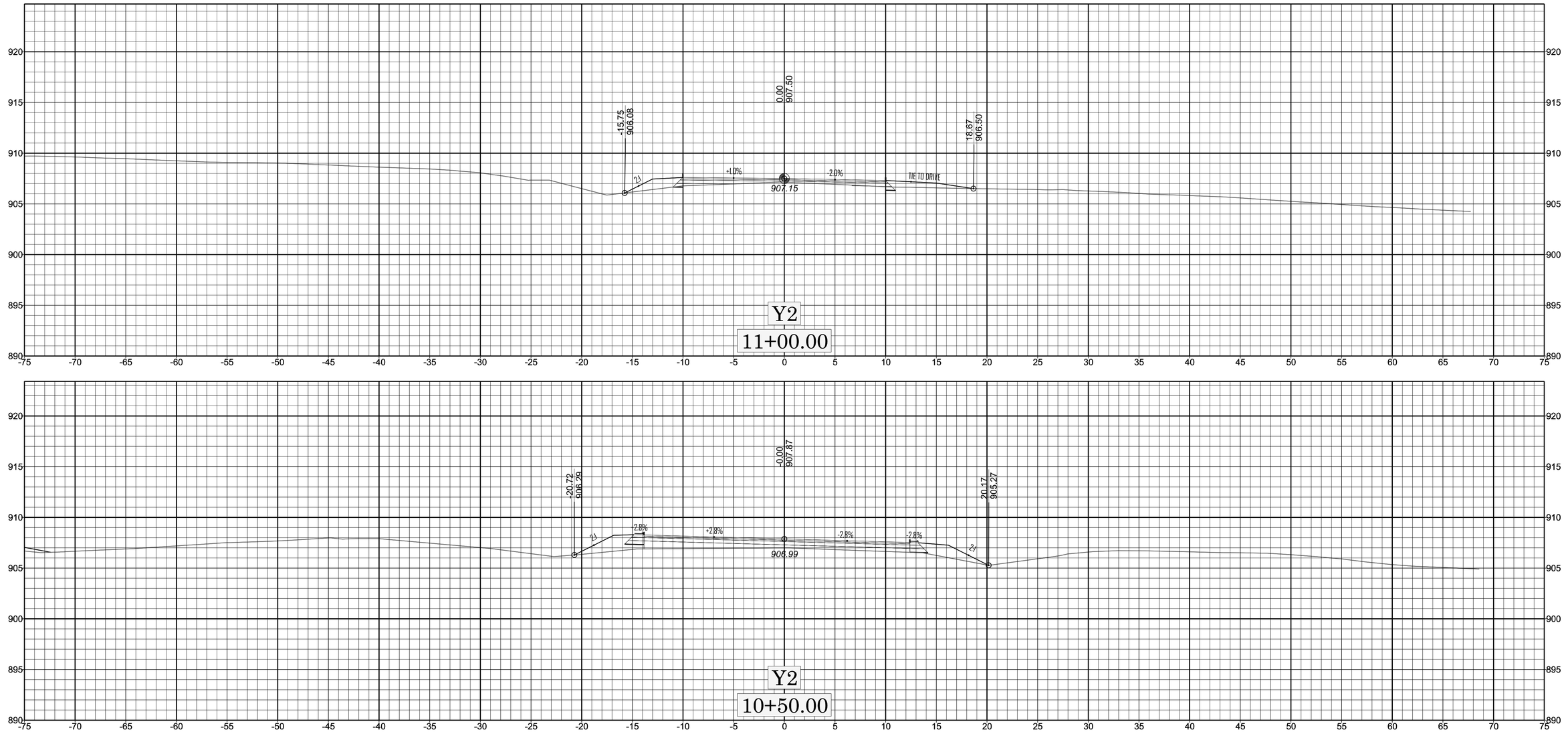
L X-10

HS-2409E


-25.16
907.01
-0.00
908.18
2.3H:1V
-1.7%
+1.6%
-1.7%
907.04
SEE -L-
SEE -L-
Y1
12+00.00


-14.40
907.16
-0.00
907.84
16.13
906.69
2:1
-2.2%
-2.2%
-2.2%
2:1
907.75
Y1
11+50.00

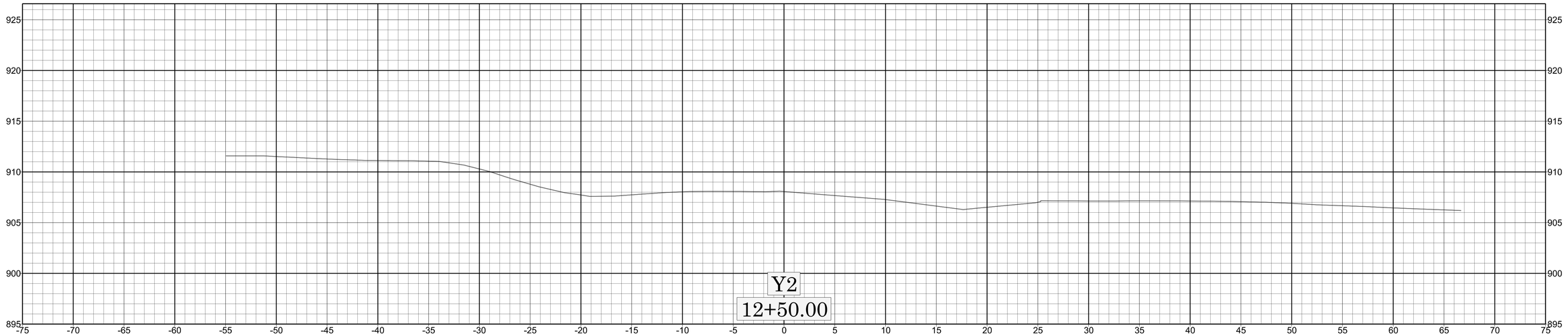

Y1
11+00.00

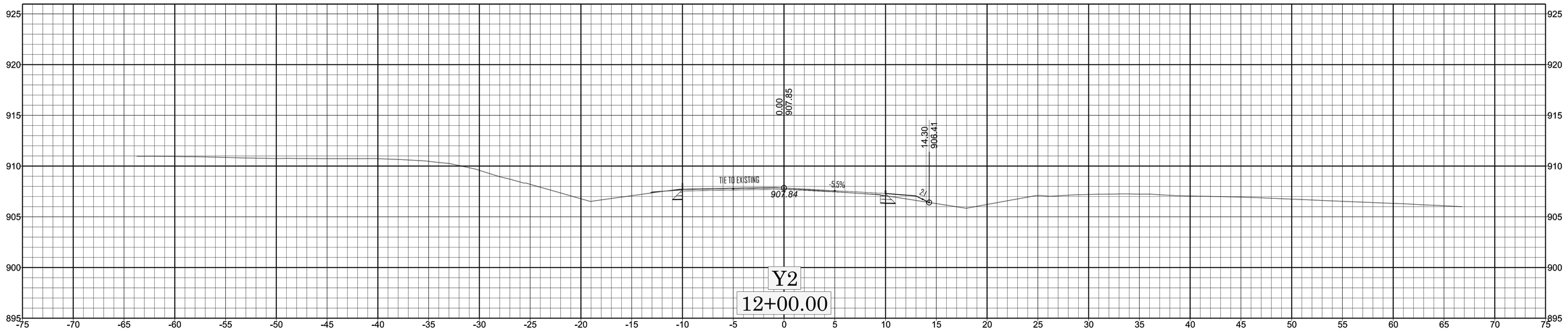


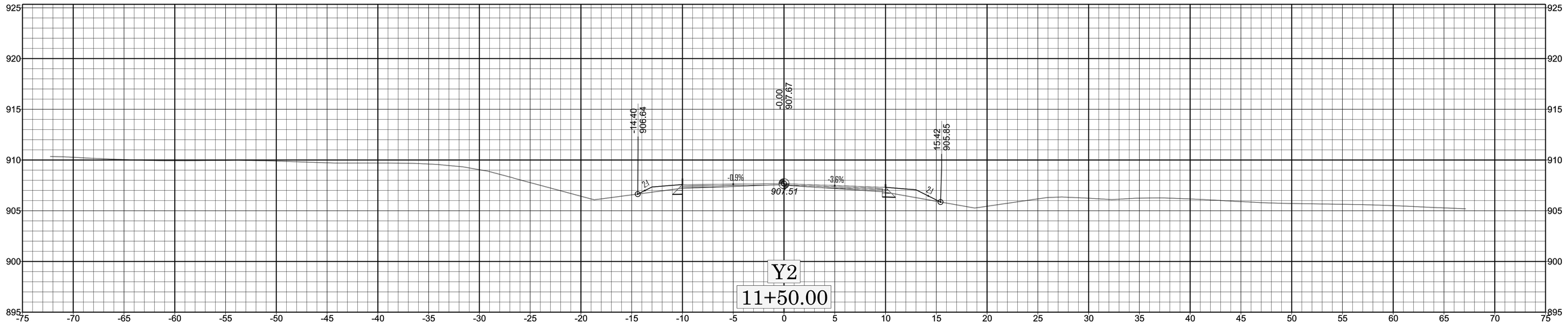
0 5 10

Y2 X-12

HS-2409E







0 5 10

X-13

Y2

HS-2409E