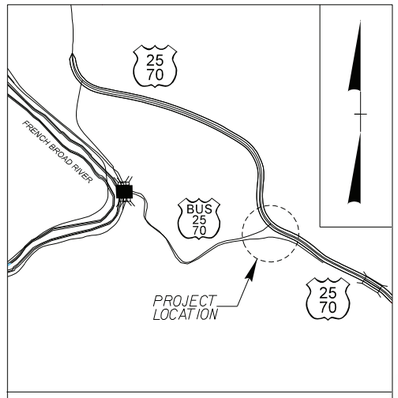
11/20/25

PROJECT: TN-6128

CONTRACT: DM00507

See Sheet 1A For Index of Sheets



VICINITY MAP (NTS)

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

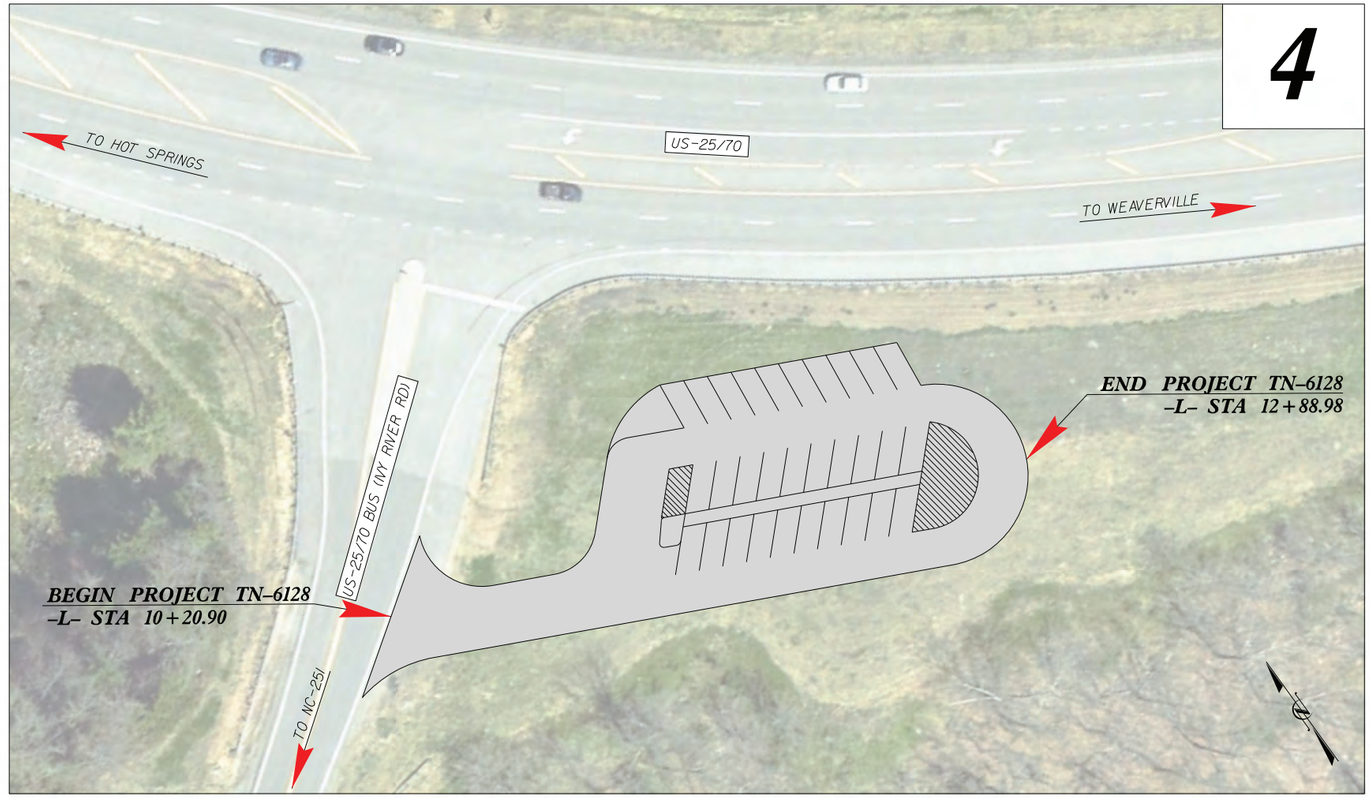
MADISON COUNTY

LOCATION: *US-25/70 at US-25/70 BUS (IVY RIVER RD)*

TYPE OF WORK: *GRADING, PAVING, PAVEMENT MARKINGS AND LIGHTING*

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	TN-6128	1	

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
51519.1.1	5151901	PE
51519.2.1		R/W
51519.3.1		CONST



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALES

0 20 40

PLANS

PROJECT LENGTH

AREA OF PROJECT TN-6128 = 16,402.6 SQ. FT.

Prepared in the Office of:

DIVISION OF HIGHWAYS

55 Orange St., Asheville NC, 28801

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:

LETTING DATE:

APRIL 15, 2026

GABRIEL JOHNSON, P.E.

PROJECT ENGINEER

WILLIAM CARVER, P.E.

PROJECT DESIGN ENGINEER

PROJECT DESIGN ENGINEER

03/23/2026

Signed by:

William C Carver

163525A85193A9F... P.E.

SIGNATURE:

NORTH CAROLINA PROFESSIONAL SEAL 041993 ENGINEER WILLIAM C. CARVER

STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION

TN-6128

I-A

PROJECT DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 041993 ENGINEER WILLIAM C CARVER

Signed by: William C Carver 03/23/2026

EFF. 01-16-2024

REV.

INDEX OF SHEETS

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.

CLEARING:

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.

SUPERELEVATION:

ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH STD. NO. 225.05 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.

GUARDRAIL:

THE GUARDRAIL LOCATIONS SHOWN ON THE PLANS MAY BE ADJUSTED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHOULD CONSULT WITH THE ENGINEER PRIOR TO ORDERING GUARDRAIL MATERIAL.

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
NONE

ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS.

2024 ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - 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
DIVISION 2 - EARTHWORK	
200.02	Method of Clearing - Method II
225.02	Guide for Grading Subgrade - Secondary and Local
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
DIVISION 5 - SUBGRADE, BASES, AND SHOULDERS	
560.01	Method of Shoulder Construction
DIVISION 8 - INCIDENTALS	
862.01	Guardrail Placement
862.02	Guardrail Installation
876.02	Guide for Rip Rap at Pipe Outlets

05/29/25

TN-6128
1-B

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

Note: Not to Scale

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)*

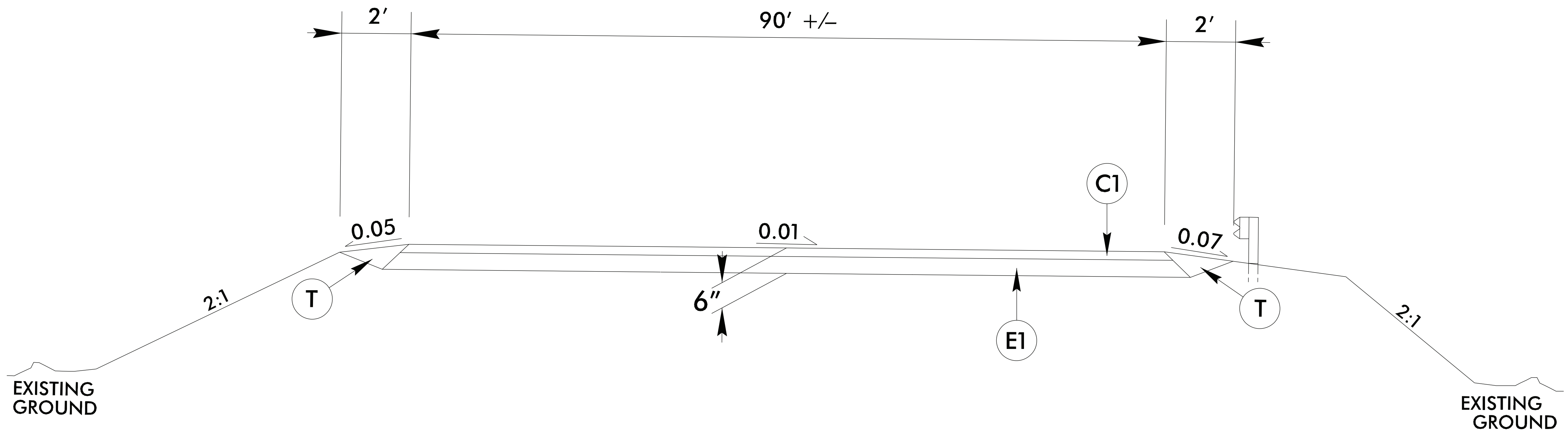
MISCELLANEOUS:
- Utility Pole
- Utility Pole with Base
- Utility Located Object
- Utility Traffic Signal Box
- Utility Unknown U/G Line (SUE - LOS B)*
- U/G Tank; Water, Gas, Oil
- Underground Storage Tank, Approx. Loc.
- A/G Tank; Water, Gas, Oil
- Geoenvironmental Boring
- Abandoned According to Utility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

PROJECT REFERENCE NO.	SHEET NO.
TN-6128	2
R/W SHEET NO.	

PROJECT DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 041993 ENGINEER WILLIAM C. CARVER

Signed by: William C Carver 163525A8519349F.. 23/2026



TYPICAL SECTION

-L- STA. 10+20.90 TO STA. 12+88.98

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
E1	PROP. APPROX. 4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
T	EARTH MATERIAL.

PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

4/04/06

COMPUTED BY: ____________ DATE: ____________
CHECKED BY: ____________ DATE: ____________

PROJECT REFERENCE NO.	SHEET NO.
TN-6128	3A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

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

STATION / SIZE / THICKNESS OR GAUGE	LOCATION (LT,RT, OR CL)	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	SIDE DRAIN PIPE (RCP, CSP, CAAP, HDPE, or PVC) 12"	15"	18"	24"	30"	36"	42"	48"	DO NOT USE RCP	DO NOT USE CSP	DO NOT USE CAAP	DO NOT USE HDPE	C.S. PIPE 12" .064	15" .064	18" .064	24" .064	36" .079	42" .109	48" .109	R.C. PIPE (CLASS III) 15"	18"	24"	30"	36"	42"	48"	R.C. PIPE (CLASS IV) 12"	15"	18"	24"	30"	36"	42"	48"	180" ALUMINUM STRUCTURAL PLATE PIPE		**" R. C. PIPE CULVERTS, CONTRACTOR DESIGN PIPE	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	ENDWALLS STD. 838.01, STD. 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. YDS. R.C.P.	C.S.P.	QUANTITIES FOR DRAINAGE STRUCTURES * TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B') PER EACH (0' THRU 5.0')	LIN. *FT. A 5.0' THRU 10.0'	B 10.0' AND ABOVE	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES AND HOOD STANDARD 840.03 TYPE OF GRATE E	F	G		CONCRETE TRANSITIONAL SECTION CATCH BASIN	DROP INLET	D.I. STD 840.16	G.D.I. FRAME (N.S. FLAT) W/2 GRATES STD 840.29	CONC. HEADWALL STD 838.80				CORR. STEEL ELBOWS NO. & SIZE	CONC. COLLARS CL. "B" C.Y. STD 840.72	CONC. & BRICK PIPE PLUG, C.Y. STD. 840.71	PIPE REMOVAL LIN.FT.	REMARKS
10+98 -L-	LT	401	402		1789.5	1787.3				56																																																											
TOTAL										56																																																											

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.)	GRATED DROP INLET (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

"N" = DISTANCE FROM EDGE OF LANE TO FACE OF GUARDRAIL.
TOTAL SHOULDER WIDTH = DISTANCE FROM EDGE OF TRAVEL LANE TO SHOULDER BREAK POINT.
FLARE LENGTH = DISTANCE FROM LAST SECTION OF PARALLEL GUARDRAIL TO END OF GUARDRAIL.
W = TOTAL WIDTH OF FLARE FROM BEGINNING OF TAPER TO END OF GUARDRAIL.
G = GATING IMPACT ATTENUATOR TYPE 350
NG = NON-GATING IMPACT ATTENUATOR TYPE 350

GUARDRAIL SUMMARY

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH STRAIGHT	LENGTH SHOP CURVED	LENGTH DOUBLE FACED	WARRANT POINT APPROACH END	WARRANT POINT TRAILING END	"N" DIST. FROM E.O.L.	TOTAL SHOUL. WIDTH	FLARE LENGTH APPROACH END	FLARE LENGTH TRAILING END	W APPROACH END	W TRAILING END	ANCHORS XI MOD	XI	TYPE TL-3	TYPE III	TYPE III (SHOP CURVED)	CAT-1	VI MOD	BIC	AT-1	IMPACT ATTENUATOR TYPE 350 EA	G	NG	SINGLE FACED GUARDRAIL	REMOVE EXISTING GUARDRAIL	REMOVE AND STOCKPILE EXISTING GUARDRAIL	REMARKS
-L-	09+72.00	12+56.66	RT	225'	100'				2'	5'													1					100'		TIE TO EXISTING GUARDRAIL
		SUBTOTAL		225'																										
		LESS DEDUCTIONS FOR ANCHORS																												
		AT-1 @ 6.25' =		6.25'																										
		PROJECT TOTALS:		218.75'	100'																		1					100'		

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: TN-6128 COUNTY: Madison DATE: 2/4/2026 COMPILED BY: WCC SHEET 3B

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +15%		ROCK	SUITABLE	UNSUIT.	TOTAL
10+07.27 (-L-)	12+88.98	138					396		396	455	455				
	SUBTOTAL	138					396		396	455	455				
	SUBTOTAL														
	SUBTOTAL														
	SUBTOTAL														
	SUBTOTAL														
TOTAL		138					396		396	455	455				
MATERIAL FOR SHOULDER CONSTRUCTION															
LOSS DUE TO CLEARING & GRUBBING															
ADDITIONAL UNDERCUT															
ROCK WASTE TO REPLACE BORROW															
ADJUST FOR ROCK WASTE															
WASTE IN LIEU OF BORROW															
PROJECT TOTAL		138					396		396	455	455				
EST. 5% TO REPLACE TOPSOIL ON BORROW PIT											23				
GRAND TOTAL		138					396		396	455	478				
SAY		150									500				

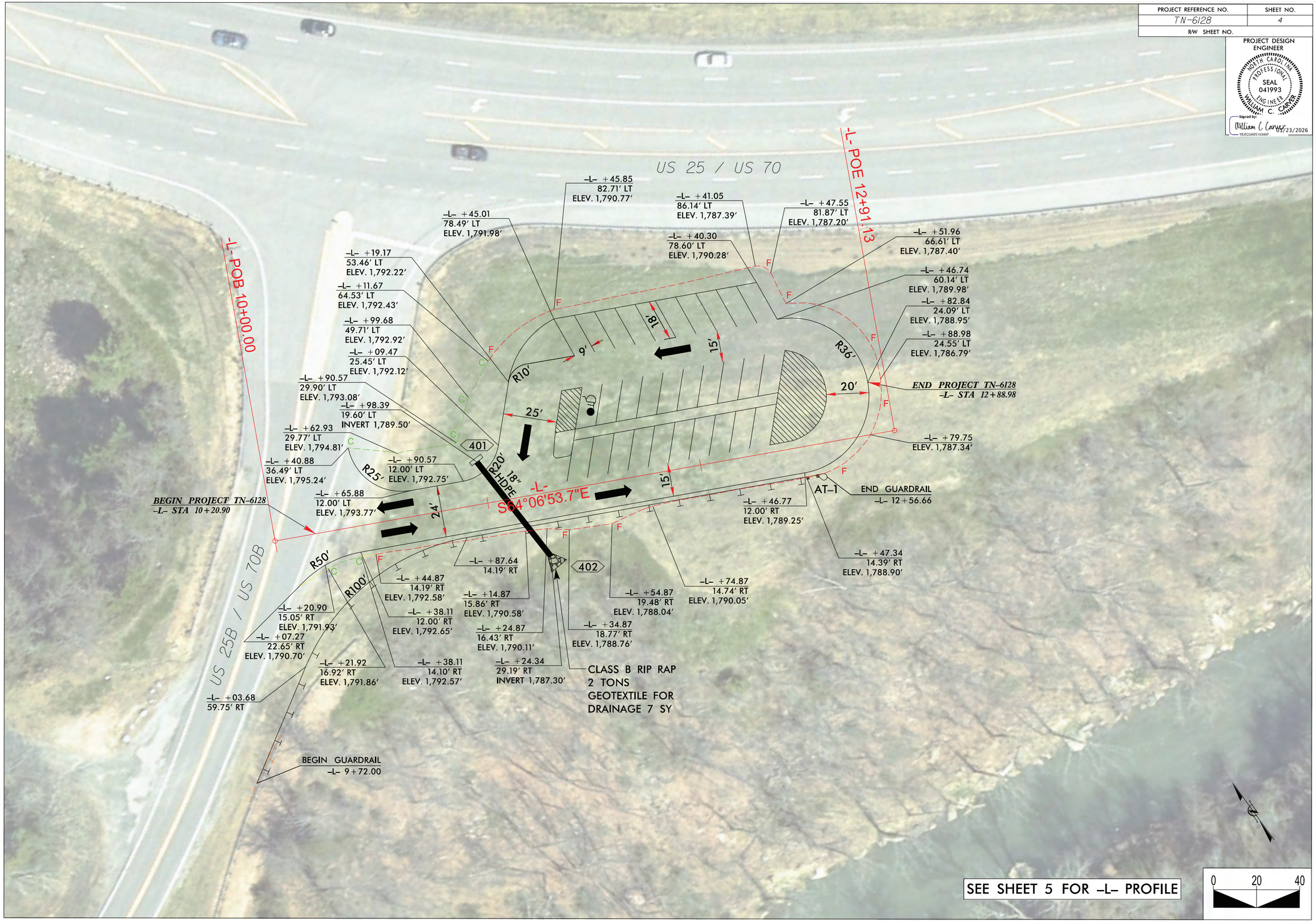
NOTE: EARTHWORK QUANTITIES ARE CALCULATED BY DIV 13 DDC DESIGN UNIT.

PROJECT REFERENCE NO.	SHEET NO.
TN-6128	4
R/W SHEET NO.	

PROJECT DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 041993 WILLIAM C. CARVER

Signed by: William C Carver 03/23/2026



SEE SHEET 5 FOR –L– PROFILE

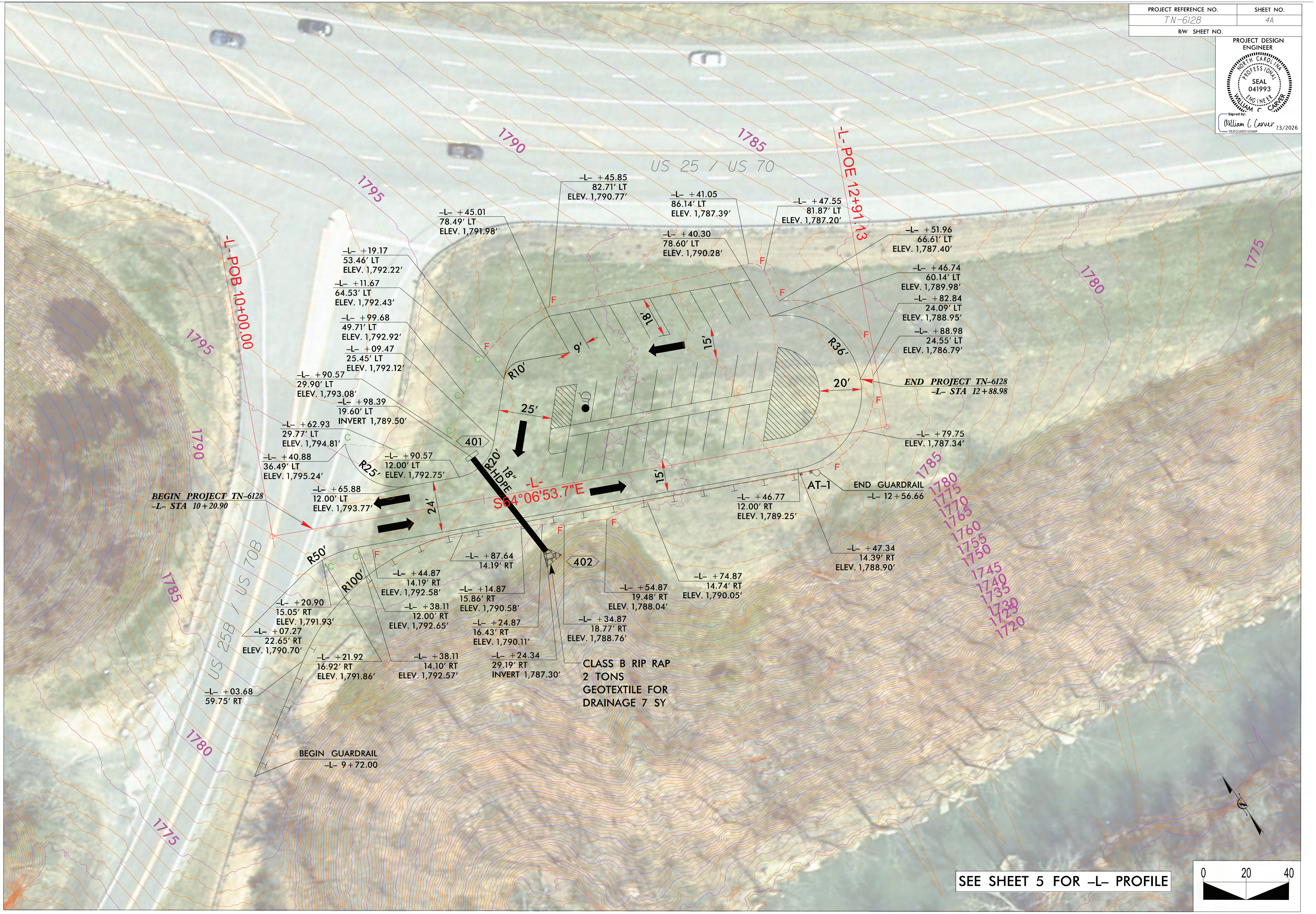
0 20 40

PROJECT REFERENCE NO.	SHEET NO.
TN-6128	4A
R/W SHEET NO.	

PROJECT DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 041993 ENGINEER WILLIAM C. CARVER

Signed by: William C Carver 23/2026

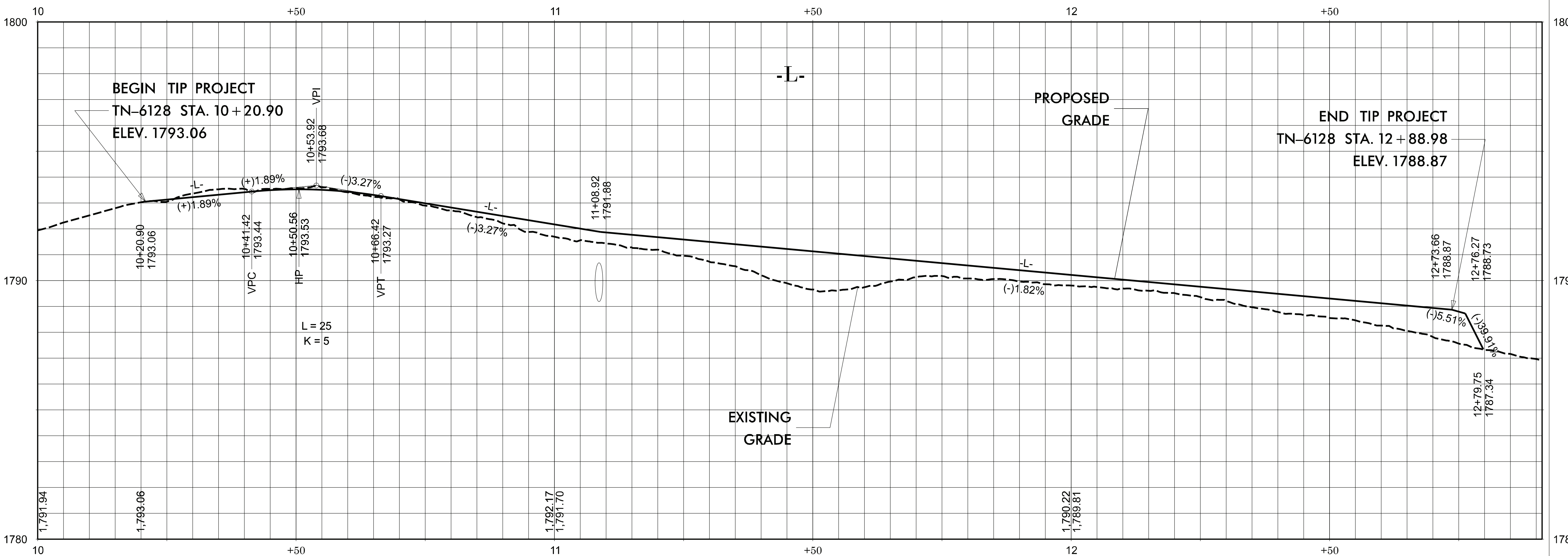


US 25 / US 70
US 25B / US 70B
-L- POB 10+00.00
-L- POE 12+91.13
1795
1790
1785
1780
1775
-L- +45.85 82.71' LT ELEV. 1,790.77'
-L- +45.01 78.49' LT ELEV. 1,791.98'
-L- +41.05 86.14' LT ELEV. 1,787.39'
-L- +47.55 81.87' LT ELEV. 1,787.20'
-L- +40.30 78.60' LT ELEV. 1,790.28'
-L- +51.96 66.61' LT ELEV. 1,787.40'
-L- +19.17 53.46' LT ELEV. 1,792.22'
-L- +11.67 64.53' LT ELEV. 1,792.43'
-L- +46.74 60.14' LT ELEV. 1,789.98'
-L- +82.84 24.09' LT ELEV. 1,788.95'
-L- +99.68 49.71' LT ELEV. 1,792.92'
-L- +88.98 24.55' LT ELEV. 1,786.79'
-L- +09.47 25.45' LT ELEV. 1,792.12'
-L- +90.57 29.90' LT ELEV. 1,793.08'
-L- +98.39 19.60' LT INVERT 1,789.50'
END PROJECT TN-6128 -L- STA 12+88.98
-L- +62.93 29.77' LT ELEV. 1,794.81'
-L- +79.75 ELEV. 1,787.34'
-L- +40.88 36.49' LT ELEV. 1,795.24'
-L- +90.57 12.00' LT ELEV. 1,792.75'
BEGIN PROJECT TN-6128 -L- STA 10+20.90
-L- +65.88 12.00' LT ELEV. 1,793.77'
-L- S64°06'53.7"E
18" HDPE
401
402
R10'
R20'
R25'
R36'
R50'
R100'
9'
18'
15'
20'
25'
24'
AT-1
END GUARDRAIL -L- 12+56.66
-L- +46.77 12.00' RT ELEV. 1,789.25'
-L- +47.34 14.39' RT ELEV. 1,788.90'
-L- +87.64 14.19' RT
-L- +44.87 14.19' RT ELEV. 1,792.58'
-L- +14.87 15.86' RT ELEV. 1,790.58'
-L- +74.87 14.74' RT ELEV. 1,790.05'
-L- +54.87 19.48' RT ELEV. 1,788.04'
-L- +20.90 15.05' RT ELEV. 1,791.93'
-L- +38.11 12.00' RT ELEV. 1,792.65'
-L- +07.27 22.65' RT ELEV. 1,790.70'
-L- +24.87 16.43' RT ELEV. 1,790.11'
-L- +34.87 18.77' RT ELEV. 1,788.76'
-L- +21.92 16.92' RT ELEV. 1,791.86'
-L- +38.11 14.10' RT ELEV. 1,792.57'
-L- +24.34 29.19' RT INVERT 1,787.30'
CLASS B RIP RAP 2 TONS GEOTEXTILE FOR DRAINAGE 7 SY
-L- +03.68 59.75' RT
BEGIN GUARDRAIL -L- 9+72.00
SEE SHEET 5 FOR -L- PROFILE
0 20 40

TN-6128

5 PROFILE 1

PROJECT DESIGN ENGINEER


-L-
BEGIN TIP PROJECT
TN–6128 STA. 10 + 20.90
ELEV. 1793.06
END TIP PROJECT
TN–6128 STA. 12 + 88.98
ELEV. 1788.87
PROPOSED GRADE
EXISTING GRADE
VPI
10+53.92
1793.68
(+)1.89%
(-)3.27%
10+20.90
1793.06
VPC 10+41.42
1793.44
HP 10+50.56
1793.53
VPT 10+66.42
1793.27
L = 25
K = 5
11+08.92
1791.88
(-)1.82%
12+73.66
1788.87
12+76.27
1788.73
(-)5.51%
(-)36.91%
12+79.75
1787.34
1800
1790
1780
10
+50
11
12
1,791.94
1,793.06
1,792.17
1,791.70
1,790.22
1,789.81

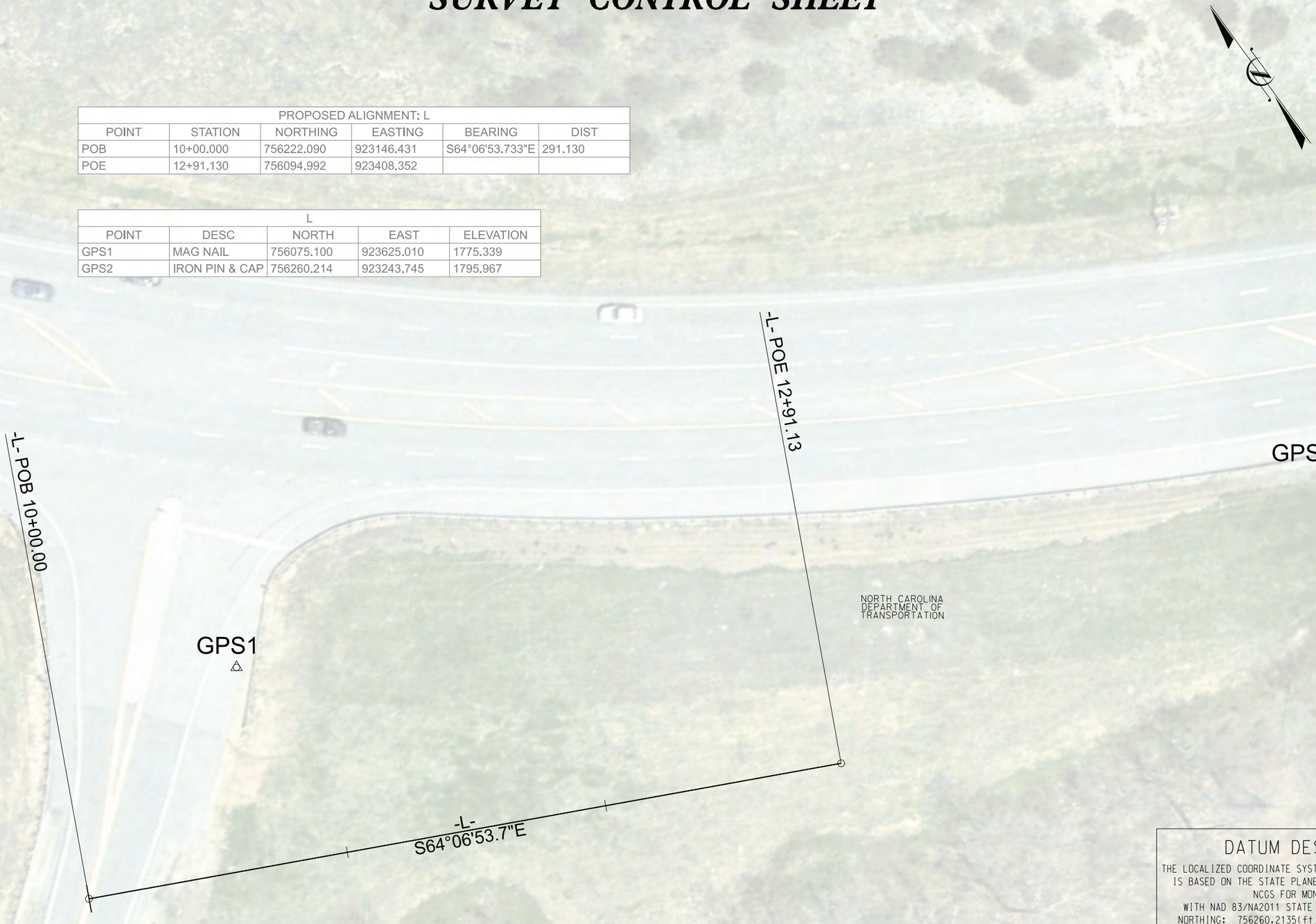
SEE SHEET 4 FOR -L- PLAN VIEW

SURVEY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
TN-6128	RW-1
R/W SHEET NO.	

PROPOSED ALIGNMENT: L					
POINT	STATION	NORTHING	EASTING	BEARING	DIST
POB	10+00.000	756222.090	923146.431	S64°06'53.733"E	291.130
POE	12+91.130	756094.992	923408.352		

L				
POINT	DESC	NORTH	EAST	ELEVATION
GPS1	MAG NAIL	756075.100	923625.010	1775.339
GPS2	IRON PIN & CAP	756260.214	923243.745	1795.967



NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE DDC UNIT.

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "GPS1"
WITH NAD 83/NA2011 STATE PLANE GRID COORDINATES OF
NORTHING: 756260.2135(ft) EASTING: 923243.7455(ft)
ELEVATION: 1795.9672 (ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999806525
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "GPS1" TO -L- STATION 10+00.00 IS S 68°36'24.3" W 104.515'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

TIP NO.	SHEET NO.
TN-6128	PMP/SIGN-1

APPROVED: Signed by: William C Carver 163525A8519349F..

DATE: 03/23/2026

SEAL

SEAL 041993 WILLIAM C. CARVER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PAVEMENT MARKING/SIGNING PLAN MADISON COUNTY

LOCATION: US 25/70 AT US 25/70 BUS (IVY RIVER RD)

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATE 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
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTILANE ROADS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS

GENERAL NOTES

PAVEMENT MARKINGS

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.

A) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

SITE LOCATION	MARKING	MARKER
US 25/70 BUS	THERMOPLASTIC	NONE
PARK N RIDE	THERMOPLASTIC	NONE

USE THERMOPLASTICS FOR STOP BARS, SYMBOLS, CHARACTERS, AND DIAGONALS ALL ROADS.

B) TIE PROPOSED PAVEMENT MARKINGS LINES TO EXISTING PAVEMENT MARKING LINES.

C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.

D) STOP BAR LOCATION AT NON-SIGNALIZED INTERSECTIONS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.

E) UNLESS OTHERWISE SPECIFIED, HEATED-IN-PLACE THERMOPLASTIC MAY BE USED IN LIEU OF EXTRUDED THERMOPLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS, AND DIAGONALS. IF HEATED-IN-PLACED IS USED, IT SHALL BE PAID FOR USING THE EXTRUDED THERMOPLASTIC PAY ITEM.

FINAL PAVEMENT MARKING SCHEDULE

PAVEMENT MARKINGS

HOT SPRAY THERMOPLASTIC (4", 55 MILS)

T1	WHITE EDGELINE
T13	YELLOW DOUBLE CENTER

THERMOPLASTICS (24", 90 MILS)

T61	WHITE STOPBAR

PAVEMENT MARKINGS

THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)

T72	STRAIGHT ARROW
T75	COMBO. RIGHT/LEFT ARROW
T101	HANDICAP PARKING

GENERAL NOTES

SIGNING

.SIGNS FURNISHED BY CONTRACTOR

.ALL TYPE 'E' SIGNS SHALL BE MOUNTED ON ONE U-CHANNEL POST UNLESS OTHERWISE INDICATED ON THE PLANS.

.WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER.

.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.

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

.SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

.THE BACKGROUND FOR TYPE E SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.

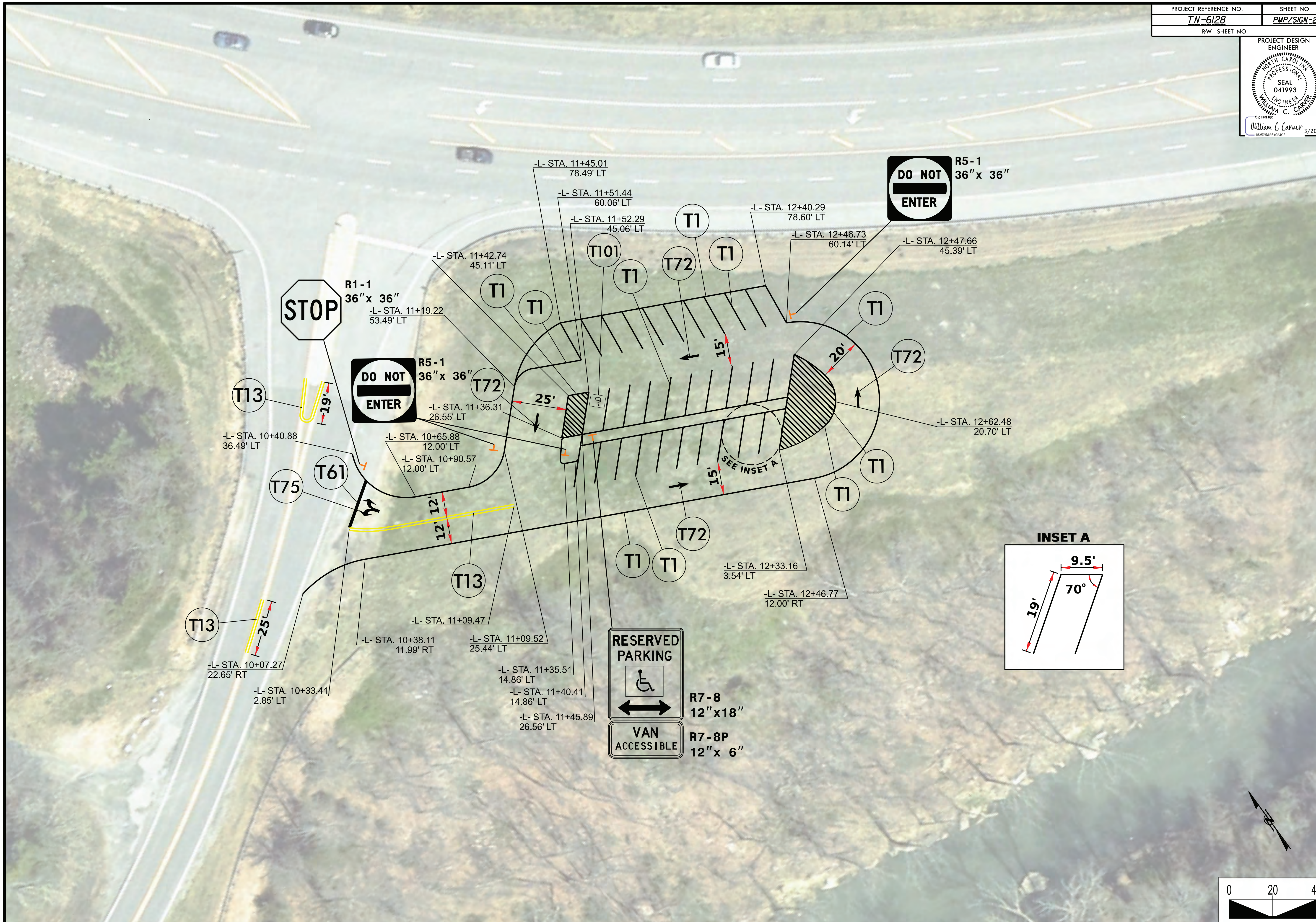
PROJECT REFERENCE NO.	SHEET NO.
TN-6128	PMP/SIGN-2
R/W SHEET NO.	

PROJECT DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 041993 ENGINEER WILLIAM C. CARVER

Signed by: William C Carver 3/2026

163525A8519349F..



STOP
R1-1
36″x 36″
DO NOT ENTER
R5-1
36″x 36″
RESERVED PARKING
R7-8
12″x18″
VAN ACCESSIBLE
R7-8P
12″x 6″
-L- STA. 11+45.01
78.49' LT
-L- STA. 11+51.44
60.06' LT
-L- STA. 11+52.29
45.06' LT
-L- STA. 11+42.74
45.11' LT
-L- STA. 11+19.22
53.49' LT
-L- STA. 12+40.29
78.60' LT
-L- STA. 12+46.73
60.14' LT
-L- STA. 12+47.66
45.39' LT
-L- STA. 11+36.31
26.55' LT
-L- STA. 10+40.88
36.49' LT
-L- STA. 10+65.88
12.00' LT
-L- STA. 10+90.57
12.00' LT
-L- STA. 12+62.48
20.70' LT
-L- STA. 12+33.16
3.54' LT
-L- STA. 12+46.77
12.00' RT
-L- STA. 11+09.47
-L- STA. 10+38.11
11.99' RT
-L- STA. 11+09.52
25.44' LT
-L- STA. 10+07.27
22.65' RT
-L- STA. 10+33.41
2.85' LT
-L- STA. 11+35.51
14.86' LT
-L- STA. 11+40.41
14.86' LT
-L- STA. 11+45.89
26.56' LT
T1
T13
T61
T72
T75
T101
25'
19'
20'
15'
12'
SEE INSET A
INSET A
9.5'
70°
0
20
40

02/03/98

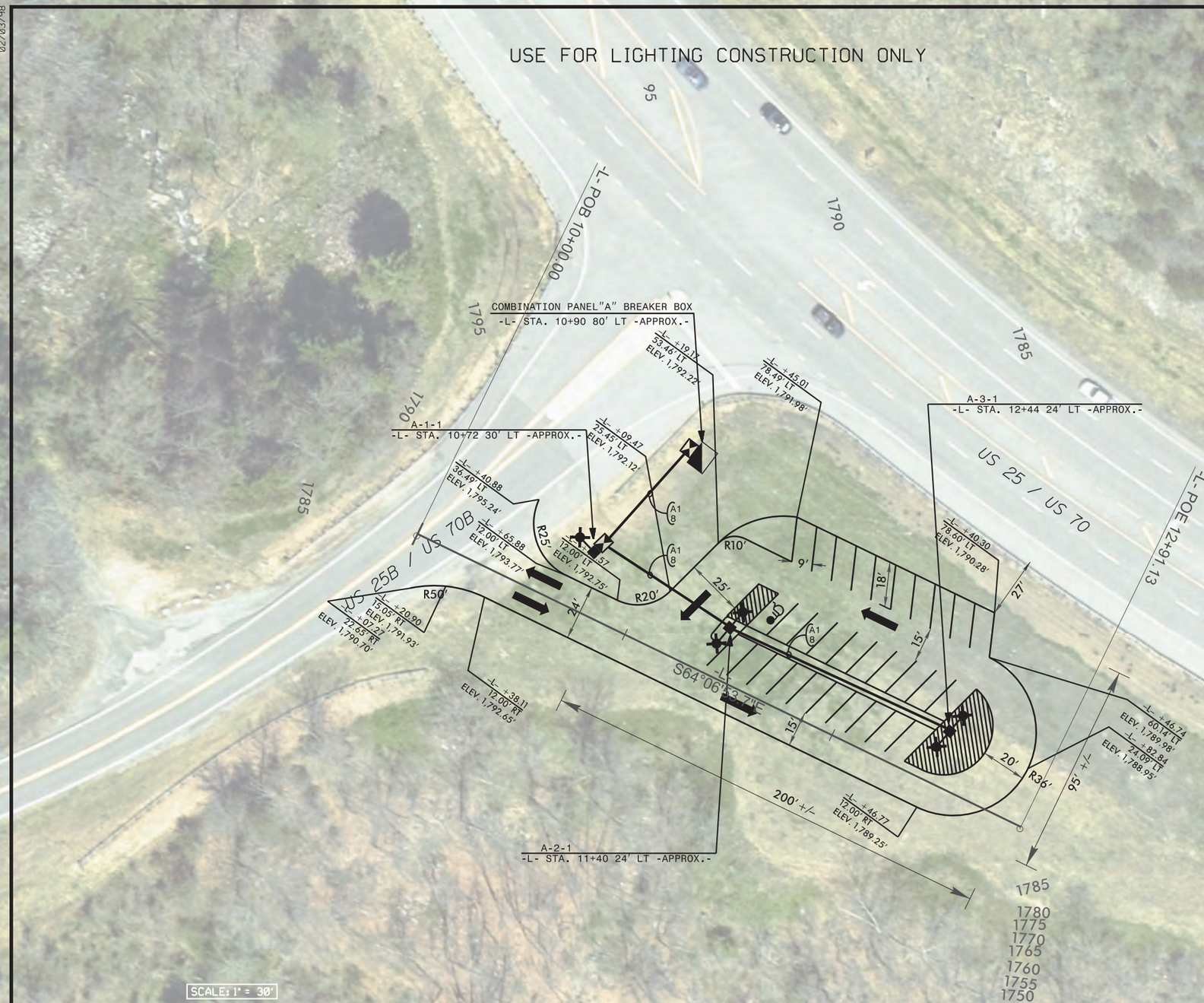
PROJECT REFERENCE NO.	SHEET NO.
TN-6128	E-1

SEAL 059834
SARAH G. KIRKPATRICK

DocuSigned by:
Sarah kirkpatrick
7ACCC8DB119E46C...
2026

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

USE FOR LIGHTING CONSTRUCTION ONLY



SCALE: 1" = 30'

LEGEND

PROPOSED LIGHT STANDARD TYPE MTLS 25', TENON-MOUNTED. INCLUDES STANDARD FOUNDATION TYPE R1 OR R2, JUNCTION BOX & 70W MAX, 7,100 MIN. MAINTAINED LUMENS LED ROADWAY LUMINAIRE. IES DISTRIBUTION:TYPE III REQUIRED. MAXIMUM BUG RATING 3-0-3.

PROPOSED LIGHT STANDARD TYPE MTLS 25', TWIN TENON-MOUNTED. INCLUDES STANDARD FOUNDATION TYPE R1 OR R2, 70W MAX, 7,100 MIN. MAINTAINED LUMENS LED ROADWAY LUMINAIRE. IES DISTRIBUTION:TYPE III REQUIRED. MAXIMUM BUG RATING 3-0-3.

PROPOSED CCOMBINATION PANEL WITH MAIN BREAKER AND JUNCTION BOX. REFER TO COMBINATION PANEL MOUNTED ON 6X6 WOODEN POST OPTION OF THE 1700.01 SECTION OF THE STANDARD DRAWINGS.

A1 8 PROPOSED FEEDER CIRCUIT. CONTROL SYSTEM (A), CIRCUIT NUMBER (1) PLAN SYMBOL (8). SEE TABLE A, THIS SHEET.

ROADWAY STANDARDS

THE FOLLOWING ROADWAY ENGLISH STANDARDS AS APPEAR IN "NCDOT ROADWAY STANDARD DRAWINGS", ROADWAY DESIGN 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
1404.01	LIGHT STANDARDS
1405.01	STANDARD FOUNDATION
1406.01	LIGHT STANDARD LUMINAIRES
1409.01	ELECTRICAL DUCT
1410.01	FEEDER CIRCUITS
1411.01	ELECTRICAL JUNCTION BOXES
1700.01	ELECTRICAL SERVICE OPTIONS (USE ELECTRICAL CONNECTION DETAILS SHOWN ON SHEET E-2 IN LIEU OF SHEET 2 OF STANDARD DRAWING 1700.01.)

ALL WORK SHALL BE IN CONFORMANCE WITH APPLICABLE SECTIONS OF DIVISION 14 AND 17 OF THE STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, DATED JANUARY 2024.

TABLE "A"
CIRCUITRY CONDUCTOR CONDUIT TYPE & SIZE

PLAN SYMBOL	DESCRIPTION	
8	2 #8 Ø 1 #10G 1.5" P	2 AWG SIZE 8 CONDUCTOR (BK & RD) 1 AWG SIZE 10 GROUNDING CONDUCTOR 1.5" PVC CONDUIT

LOAD SCHEDULE
US70-US25/US70B-US25B INTERSECTION
1Ø, 3W, 120/240 VAC CONTROL SYSTEM "A"

CIRCUIT ID	SINGLE ARM 1 @ 70W MAX. LED	TWIN ARM 2 @ 70W MAX. LED	AMPS @ 240V	KW LOAD	BREAKER SIZE (AMPS)
A1	A-1-1	A-2-1,A-3-1	1.46	0.35	15
SPARE					15
TOTAL	1	2	1.46	0.35	

$$$$SYSTIME$$$$
$$$$$$$$DGN$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

Rev.	Date	Description	Approved
2			
1			

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN **LIGHTING/ELECTRICAL SECTION**

LIGHTING LAYOUT
PARK-N-RIDE AT
US70-US25/US70B-US25B
INTERSECTION
MADISON COUNTY

Drawn By: AB
Approved By:
Dwg No.:

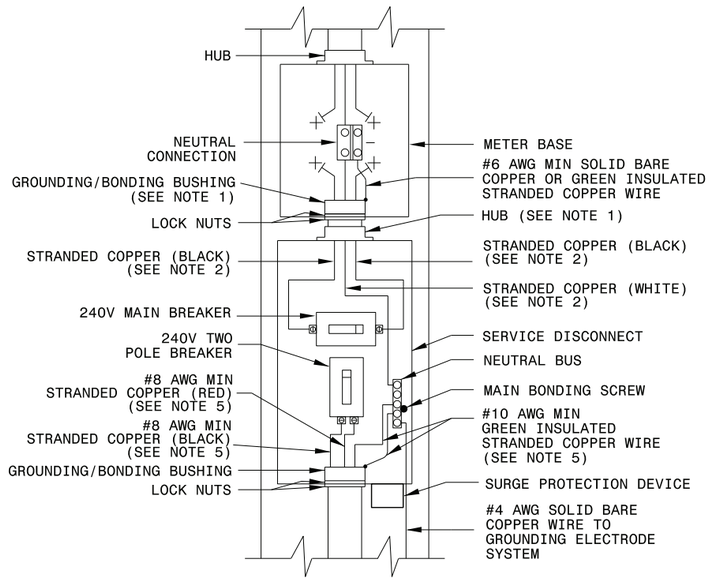
PROJECT REFERENCE NO.	SHEET NO.
TN-6128	E-2

SEAL 059834
SARAH G. KIRKPATRICK

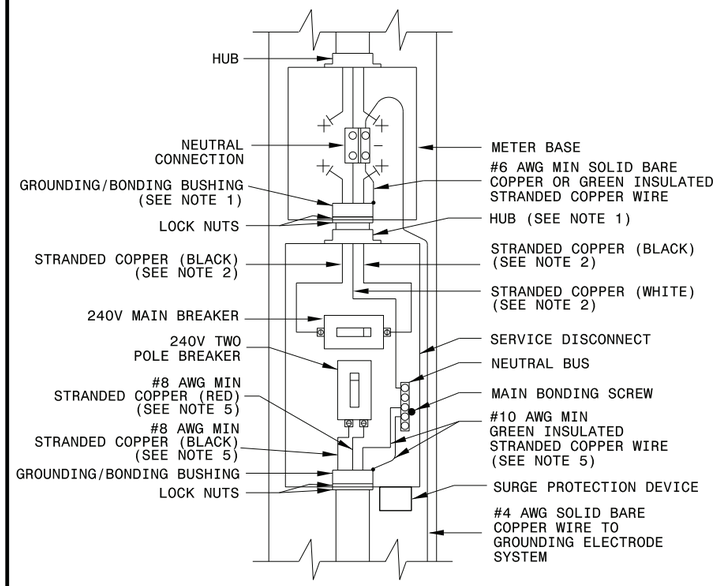
DocuSigned by: 03/20/2026
Sarah Kirkpatrick
7ACCC8DB119E4BC...

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

TYPICAL ELECTRICAL CONNECTION DETAIL FOR OVERHEAD SERVICE INSTALLATION
SERVICE DISCONNECT WITH MAIN BREAKER
(SHOWN WITH METER BASE/SERVICE DISCONNECT OPTION AND WITH GROUNDING ELECTRODE CONDUCTOR TERMINATED IN DISCONNECT)



ALTERNATE ELECTRICAL CONNECTION DETAIL FOR OVERHEAD SERVICE INSTALLATION
SERVICE DISCONNECT WITH MAIN BREAKER
(SHOWN WITH METER BASE/SERVICE DISCONNECT OPTION AND WITH GROUNDING ELECTRODE CONDUCTOR TERMINATED IN METER)



NOTES

1. WHEN USING A HUB LISTED AS A GROUNDING HUB (UL TYPES DWTT AND KDER), THE BONDING BUSHING IN THE METER BASE IS NOT NECESSARY.
2. SERVICE-ENTRANCE CONDUCTORS SHALL BE SIZED ACCORDING TO THE NEC.
3. NOTE REMOVED
4. NOTE REMOVED
5. THE AMPACITIES LISTED HERE DO NOT TAKE INTO ACCOUNT ANY VOLTAGE DROP CONSIDERATIONS OR TEMPERATURE COMPATIBILITY WITH THE CONNECTION POINTS.

1-24
STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR
ELECTRICAL SERVICE OPTIONS
SERVICE DISCONNECT WITH MAIN BREAKER

SHEET 2 OF 3
1700D01

Rev.	Date	Description	Approved
2			
1			

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN LIGHTING/ELECTRICAL SECTION

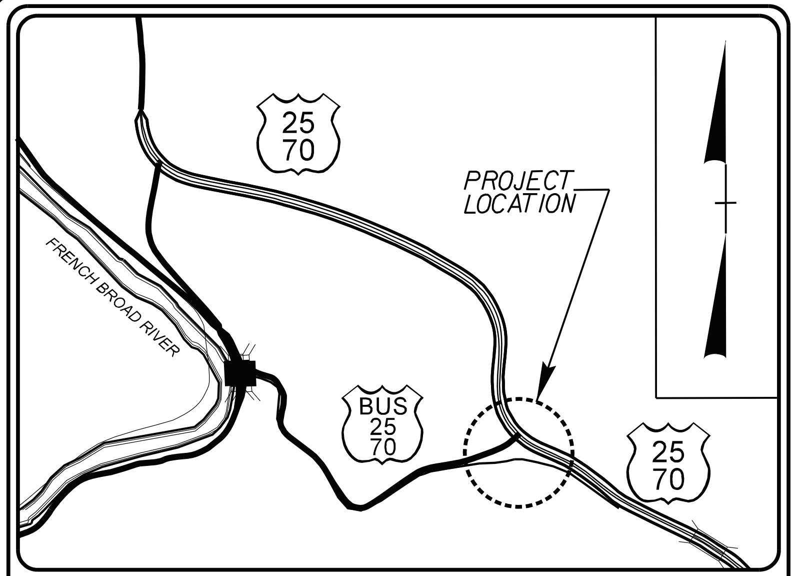
COMBINATION PANEL
DETAIL

MADISON COUNTY

Drawn By:	Approved By:	Dwg No.:

$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

PROJECT: TN-6128



VICINITY MAP

NOT TO SCALE

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

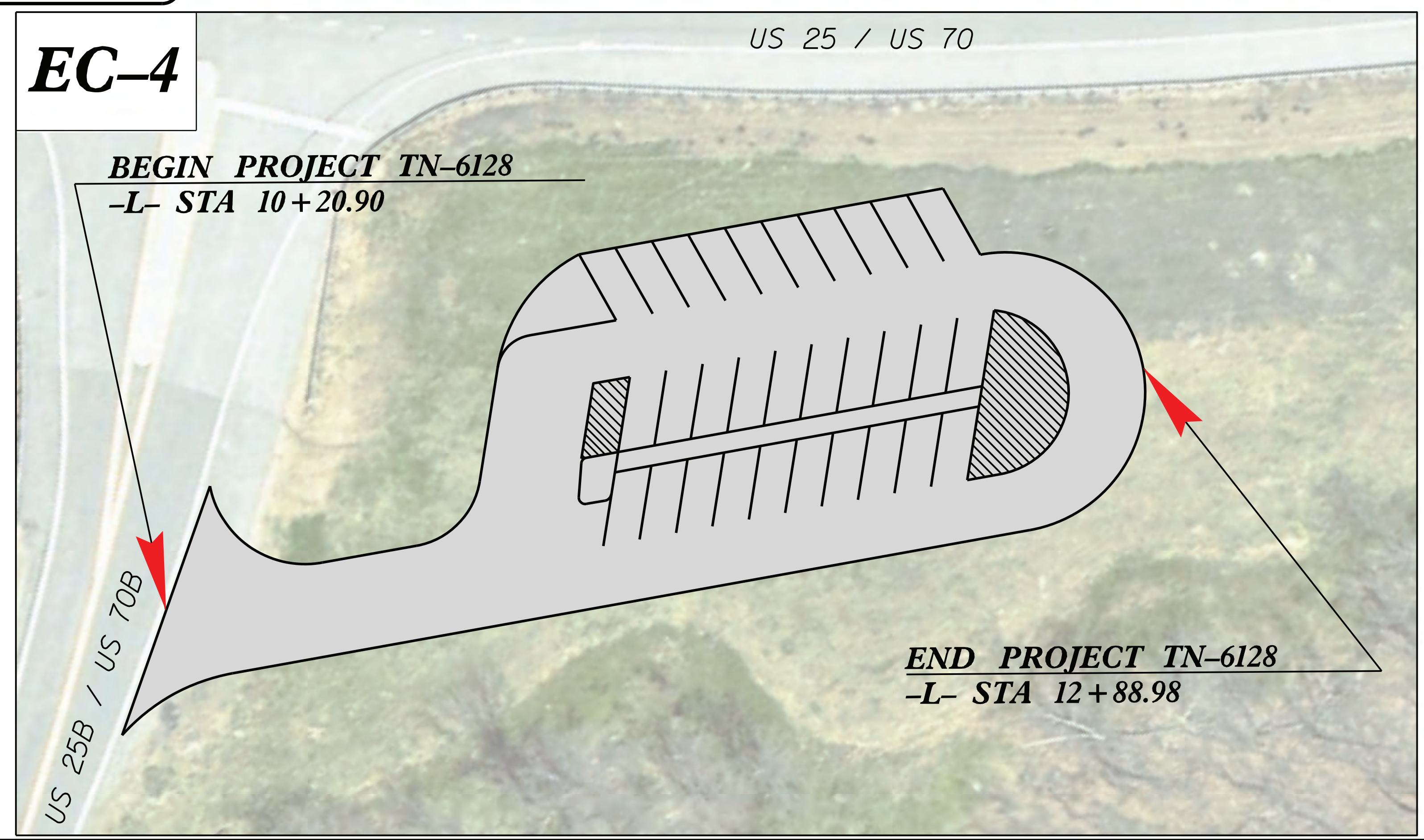
PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL

LOCATION: US–25/70 at US–25/70 BUS (IVY RIVER RD)

TYPE OF WORK: GRADING, PAVING, AND PAVEMENT MARKING

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	TN-6128	EC-1	

STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION



THIS PROJECT CONTAINS EROSION CONTROL PLANS FOR CLEARING AND GRUBBING PHASE OF CONSTRUCTION.

GRAPHIC SCALE

0 20 40

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 13 DDC UNIT

55 Orange St.
Asheville, NC 28801

2024 STANDARD SPECIFICATIONS

Designed by:

EVAN WELLS	4463
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.
TN-6128	EC-02
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

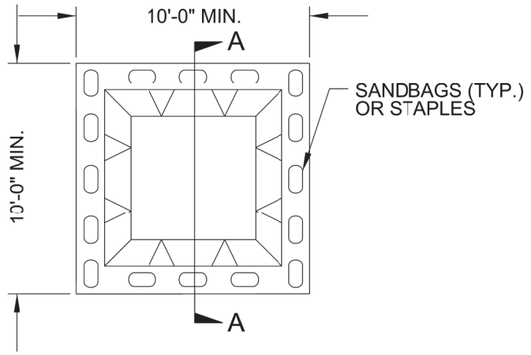
EROSION & SEDIMENT CONTROL LEGEND

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

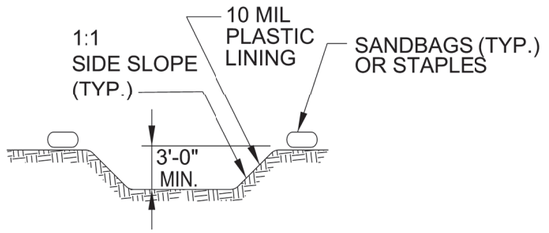
Std. #	Description	Symbol
1633.01	Temporary Rock Silt Check Type A	
1633.02	Temporary Rock Silt Check Type B	
1633.03	Temporary Rock Silt Check Type A with Excelsior Matting and Flocculant	
1634.01	Temporary Rock Sediment Dam Type A	
1634.02	Temporary Rock Sediment Dam Type B	
1635.01	Rock Pipe Inlet 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.
TN-6128	EC-3
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER



PLAN



SECTION A-A

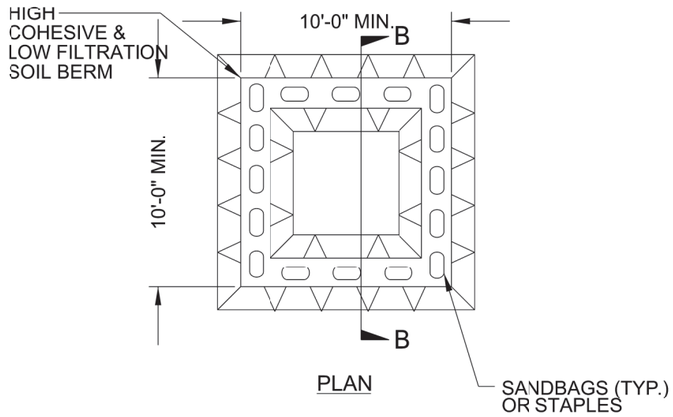
NOTES:
1. ACTUAL LOCATION DETERMINED IN FIELD

2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.

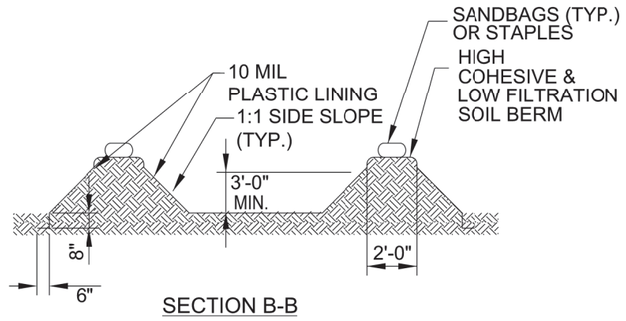
3.CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARY MARKED WITH SIGNAGE NOTING DEVICE.

BELOW GRADE WASHOUT STRUCTURE

NOT TO SCALE



PLAN



SECTION B-B

NOTES:
1. ACTUAL LOCATION DETERMINED IN FIELD

2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.

3.CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARY MARKED WITH SIGNAGE NOTING DEVICE.

ABOVE GRADE WASHOUT STRUCTURE

NOT TO SCALE

PROJECT REFERENCE NO.	SHEET NO.
TN-6128	EC-3A
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

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 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES.

PROJECT REFERENCE NO.	SHEET NO.
TN-6128	EC-4/CONST.4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

-L- POB 10+00.00

-L- POE 12+91.13

US 25 / US 70

US 25B / US 70B

S64°06'53.7"E

1795 1790 1785 1780 1775 1770 1765 1760 1755 1750 1745 1740 1735 1730 1725 1720

18'

9'

15'

20'

25'

24'

A

C F

0 20 40

CROSS SECTION INDEX

LOCATION	STATION TO STATION	SHEET NO.
–L–	10+20.90 TO 12+88.98	X–2 TO X–12

PROJ. REFERENCE NO.	SHEET NO.
TN-6128	X-1A

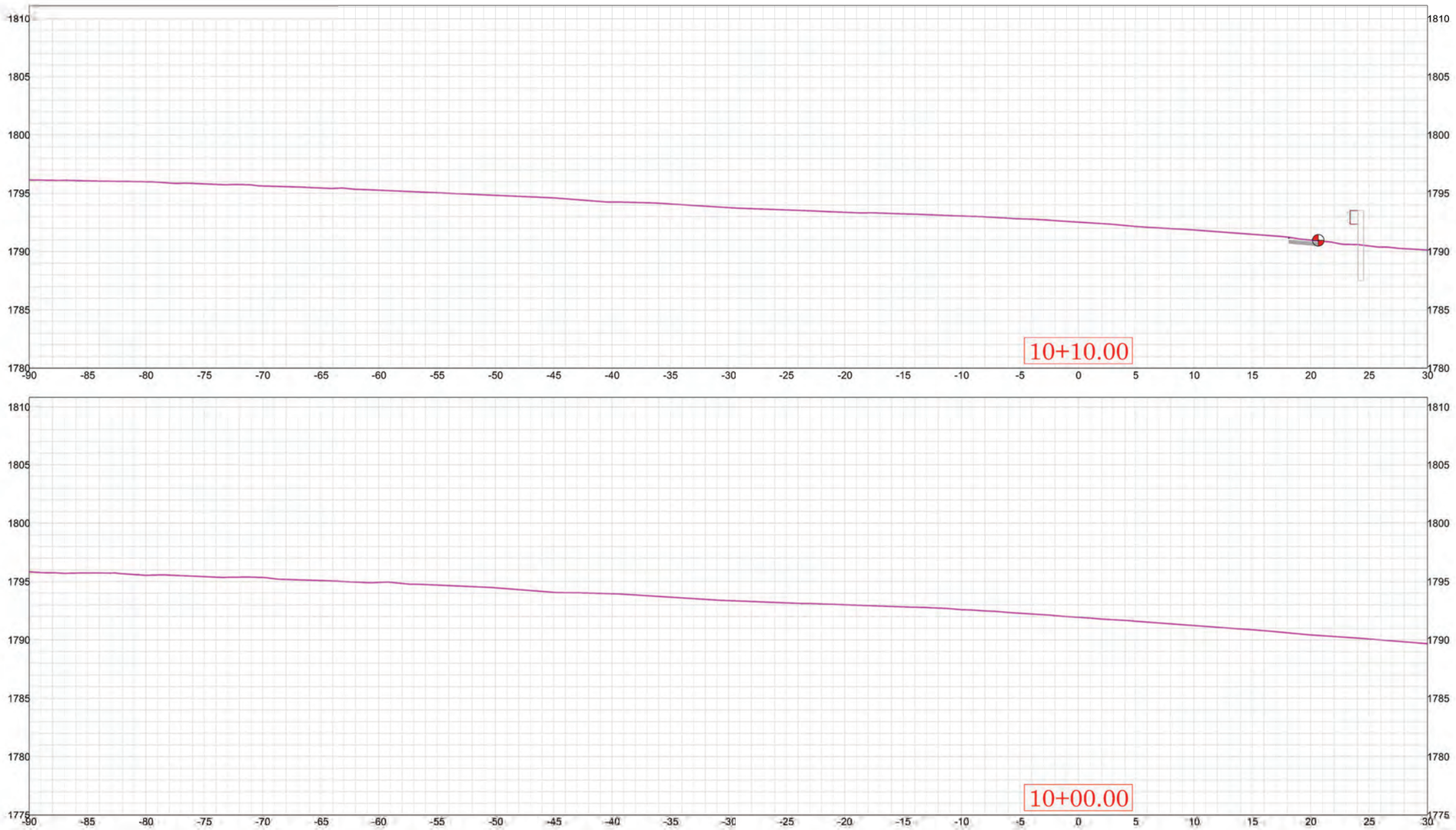
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+00.00	0.00	0.00
10+10.00	0.01	0.00
10+20.00	0.21	0.01
10+30.00	4.27	0.00
10+40.00	9.58	0.00
10+50.00	8.34	0.04
10+60.00	9.20	0.12
10+70.00	11.61	0.25
10+80.00	11.80	0.32
10+90.00	12.04	0.51
11+00.00	18.01	0.94
11+10.00	26.41	1.04
11+20.00	9.88	1.50
11+30.00	5.40	3.05
11+40.00	4.16	7.82
11+50.00	1.13	16.38
11+60.00	0.05	24.59
11+70.00	0.00	22.79
11+80.00	0.06	18.20
11+90.00	0.75	18.86
12+00.00	0.99	21.98
12+10.00	1.11	24.09
12+20.00	1.57	25.65
12+30.00	0.93	29.30
12+40.00	0.29	33.54
12+50.00	0.09	34.92
12+60.00	0.02	29.09
12+70.00	0.00	32.74
12+80.00	0.00	32.45
12+90.00	0.00	15.84

11/14/23



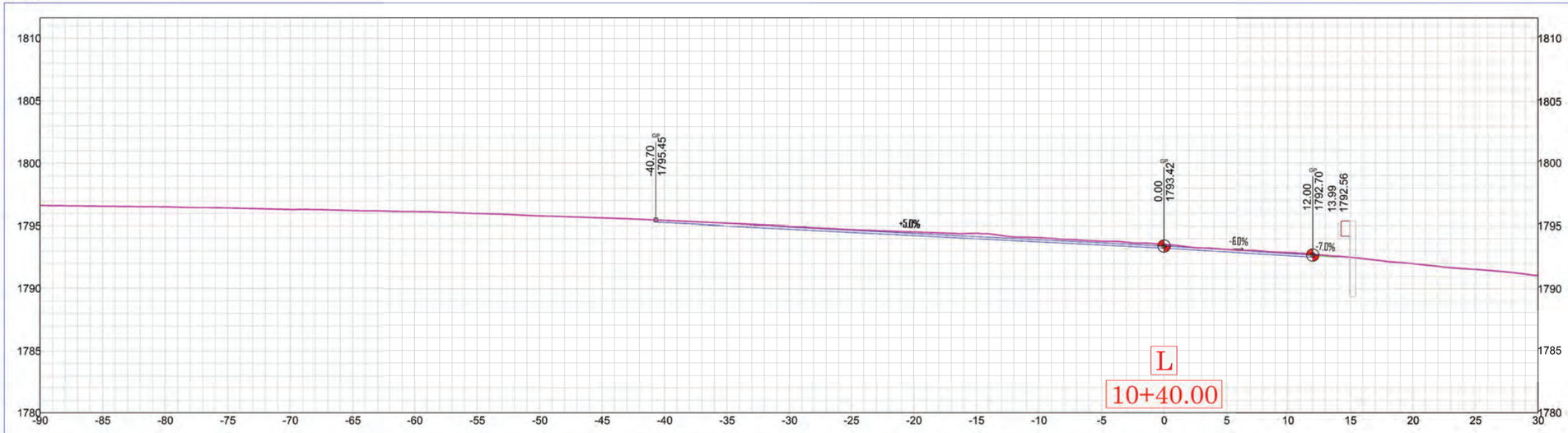
0 5 10

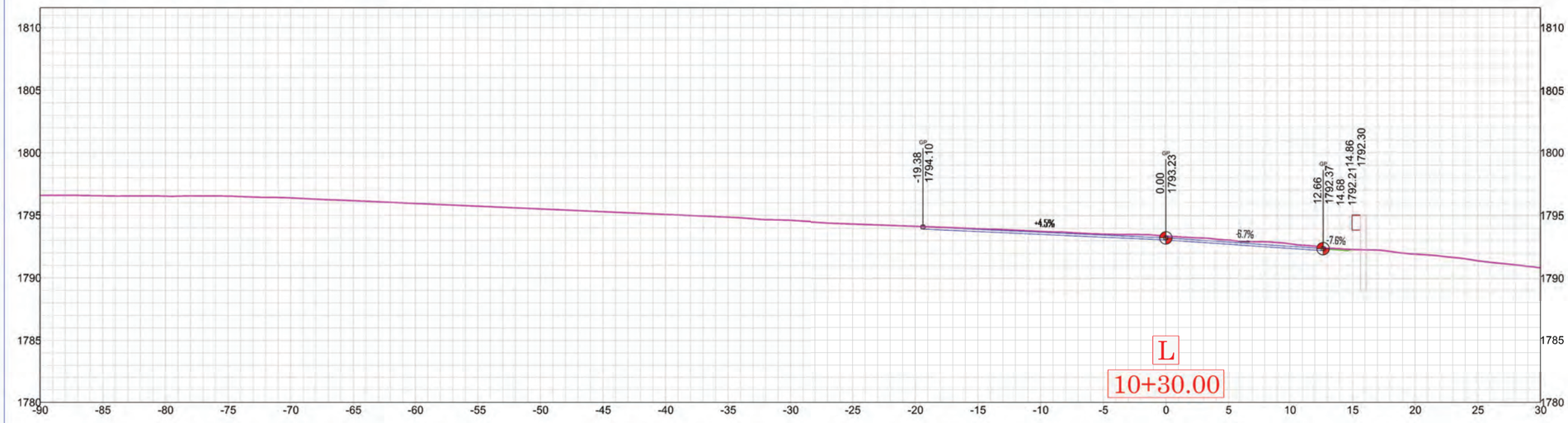
X-Z | 10+00.00

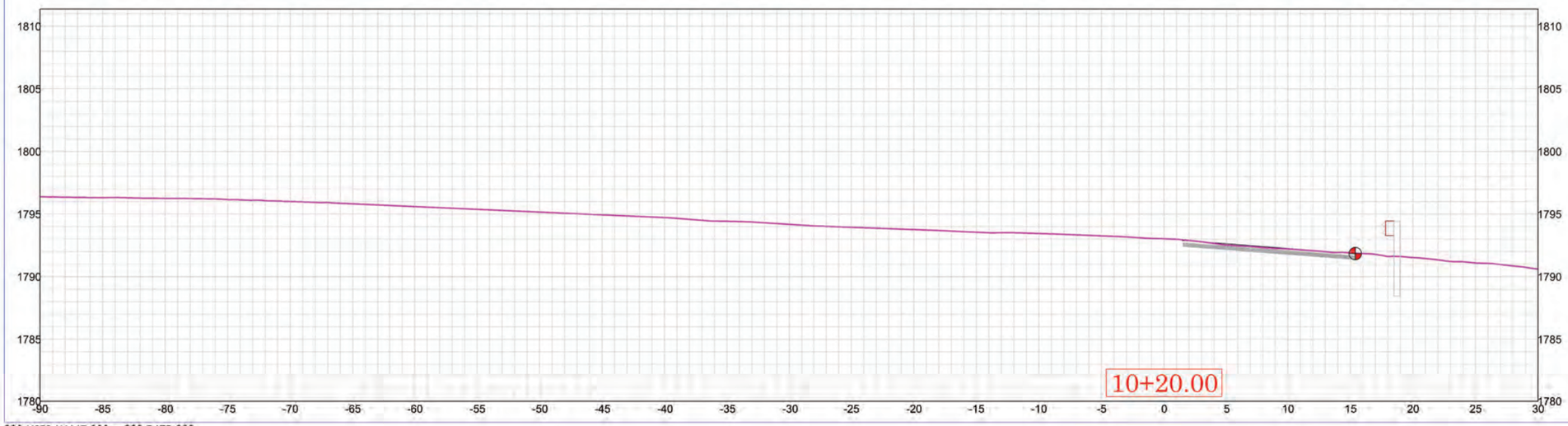
TN-6128

$$$-USER NAME-$$$ - $$$-DATE-$$$

11/14/23





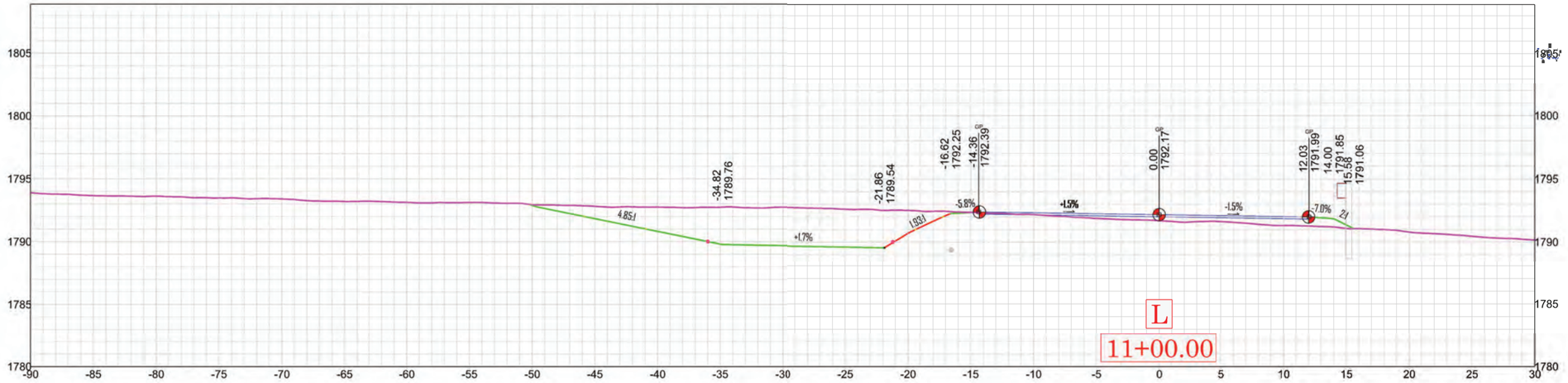


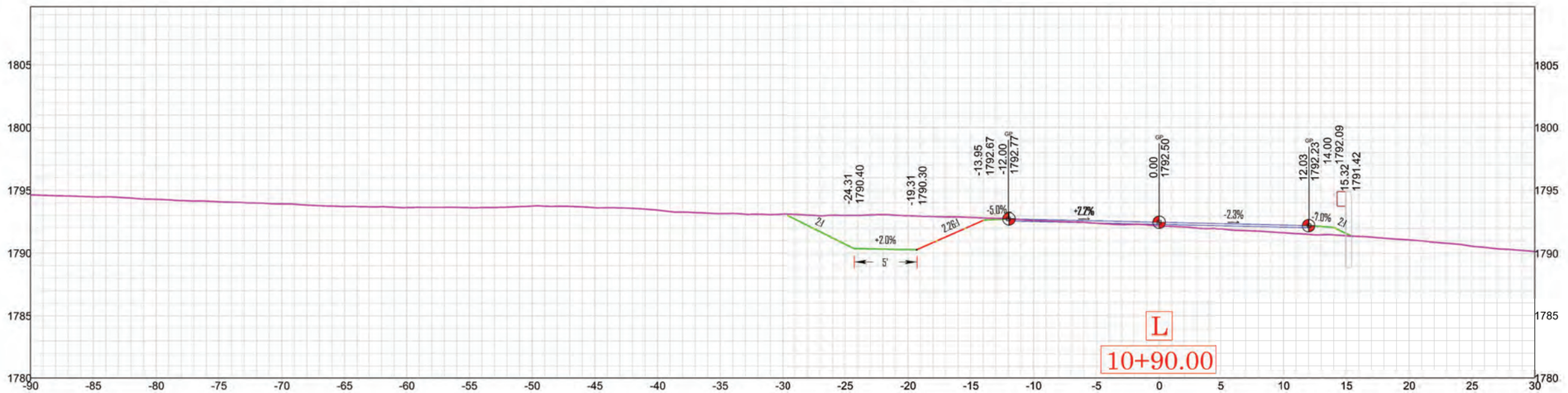
X-3 10+20.00

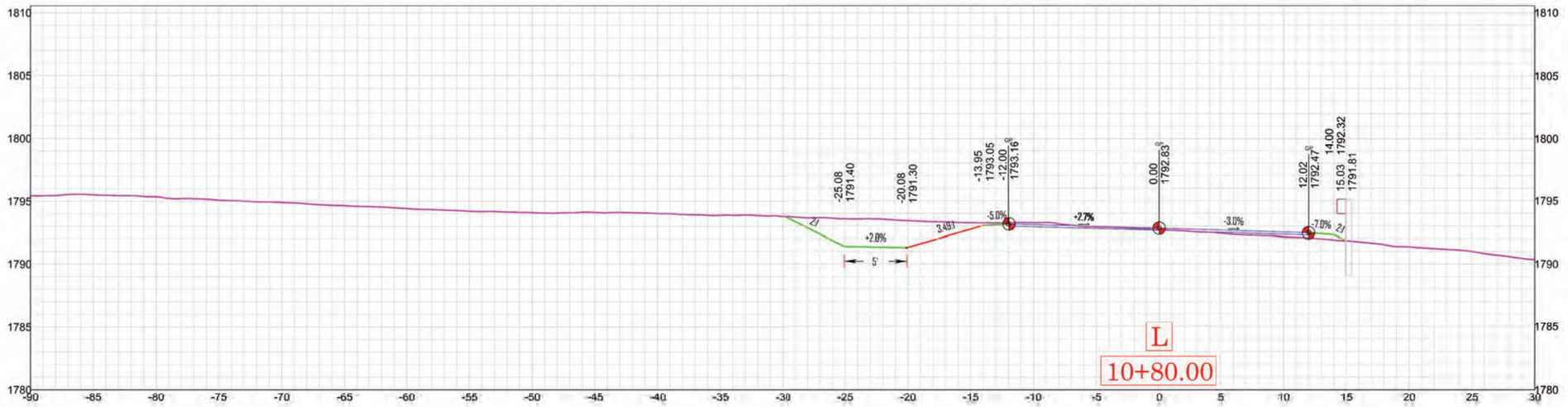
TN-6128

$$$-USER NAME-$$$ - $$$-DATE-$$$

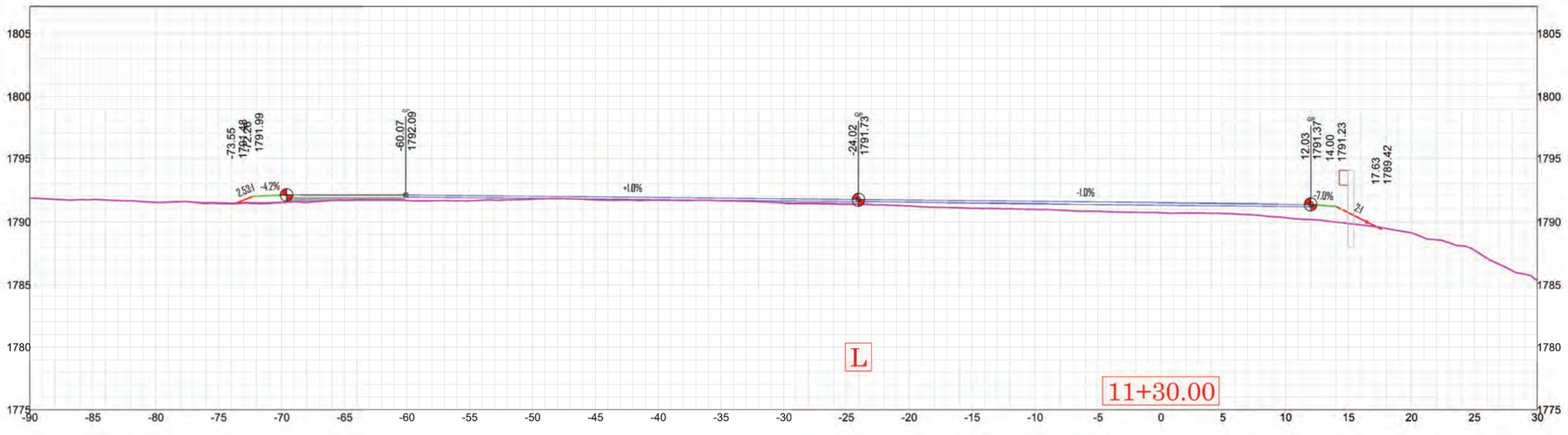
11/14/23

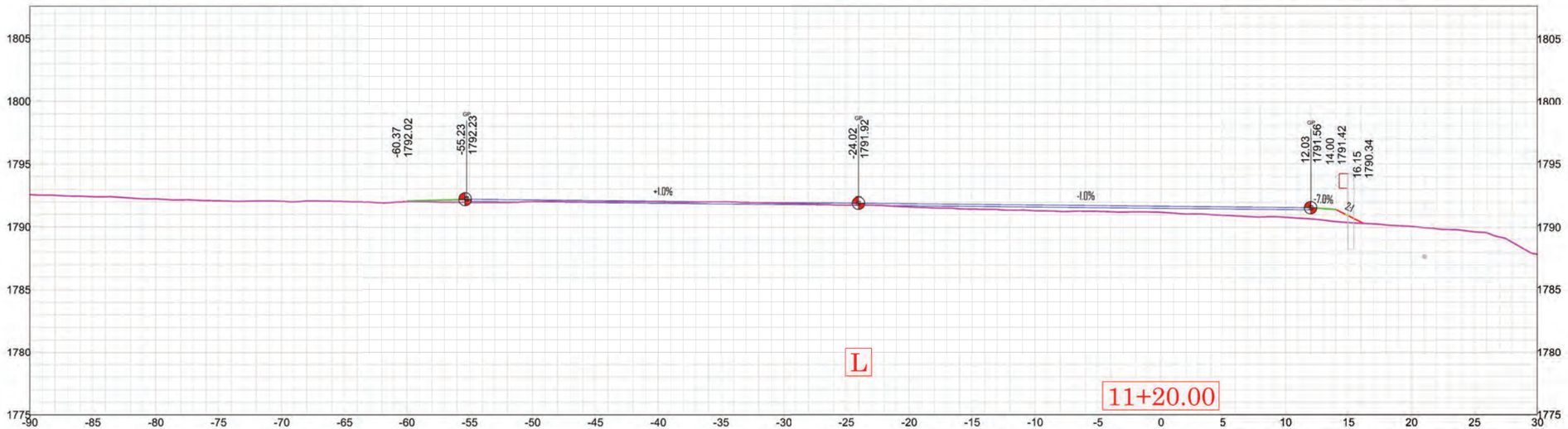

-34.82
1789.76
-21.86
1789.54
-16.62
1792.25
-14.36
1792.39
0.00
1792.17
12.03
1791.99
14.00
15.58
1791.85
1791.06
4.85:1
1.93:1
-5.8%
+1.5%
-1.5%
-7.0%
2:1
+1.7%
L
11+00.00

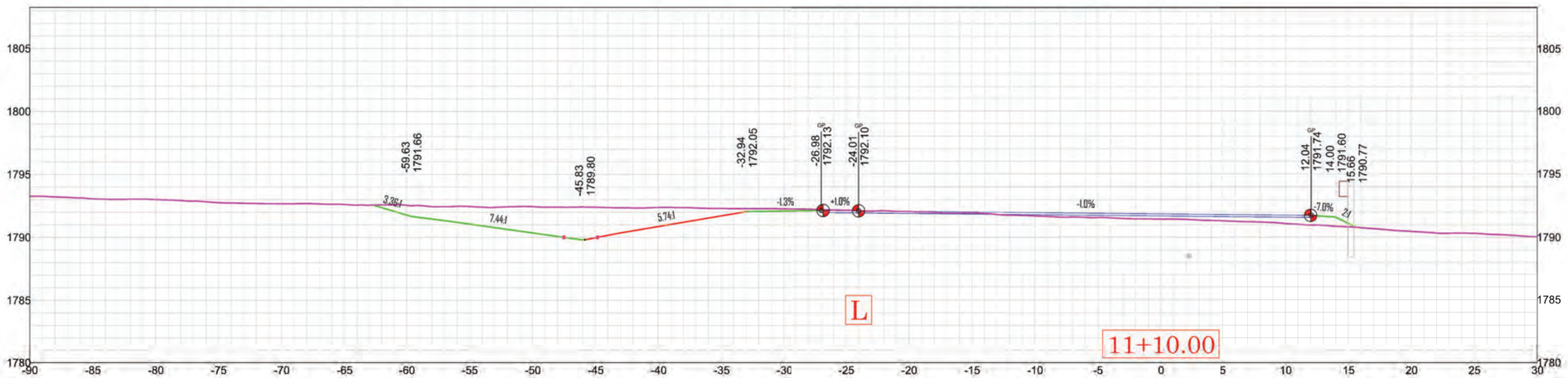

-24.31
1790.40
-19.31
1790.30
-13.95
1792.67
-12.00
1792.77
0.00
1792.50
12.03
1792.23
14.00
15.32
1792.09
1791.42
2:1
2.26:1
-5.0%
+2.7%
-2.3%
-7.0%
+2.0%
5'
L
10+90.00


-25.08
1791.40
-20.08
1791.30
-13.95
1793.05
-12.00
1793.16
0.00
1792.83
12.02
1792.47
14.00
15.03
1792.32
1791.81
2:1
3.49:1
-5.0%
+2.7%
-3.0%
-7.0%
+2.0%
5'
L
10+80.00

11/14/23



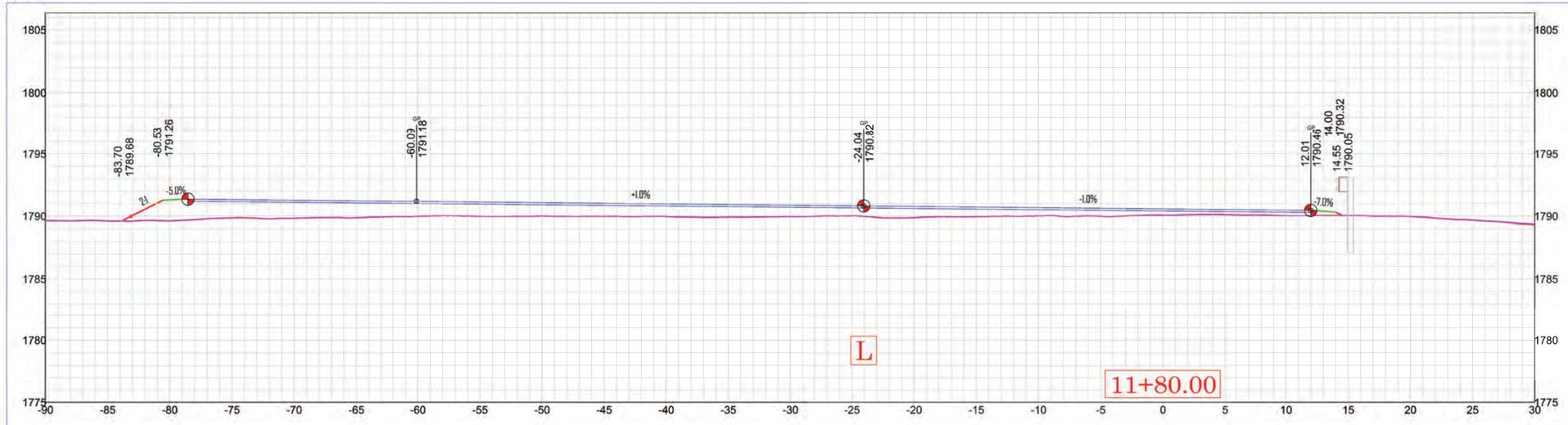




X-7 11+40.00

TN-6128

11/14/23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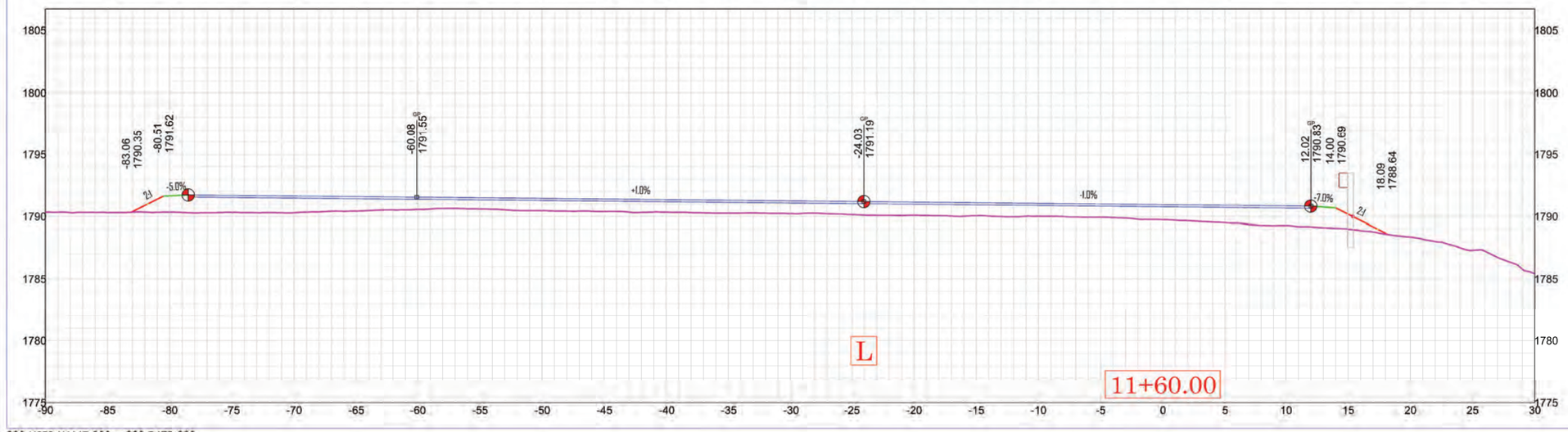
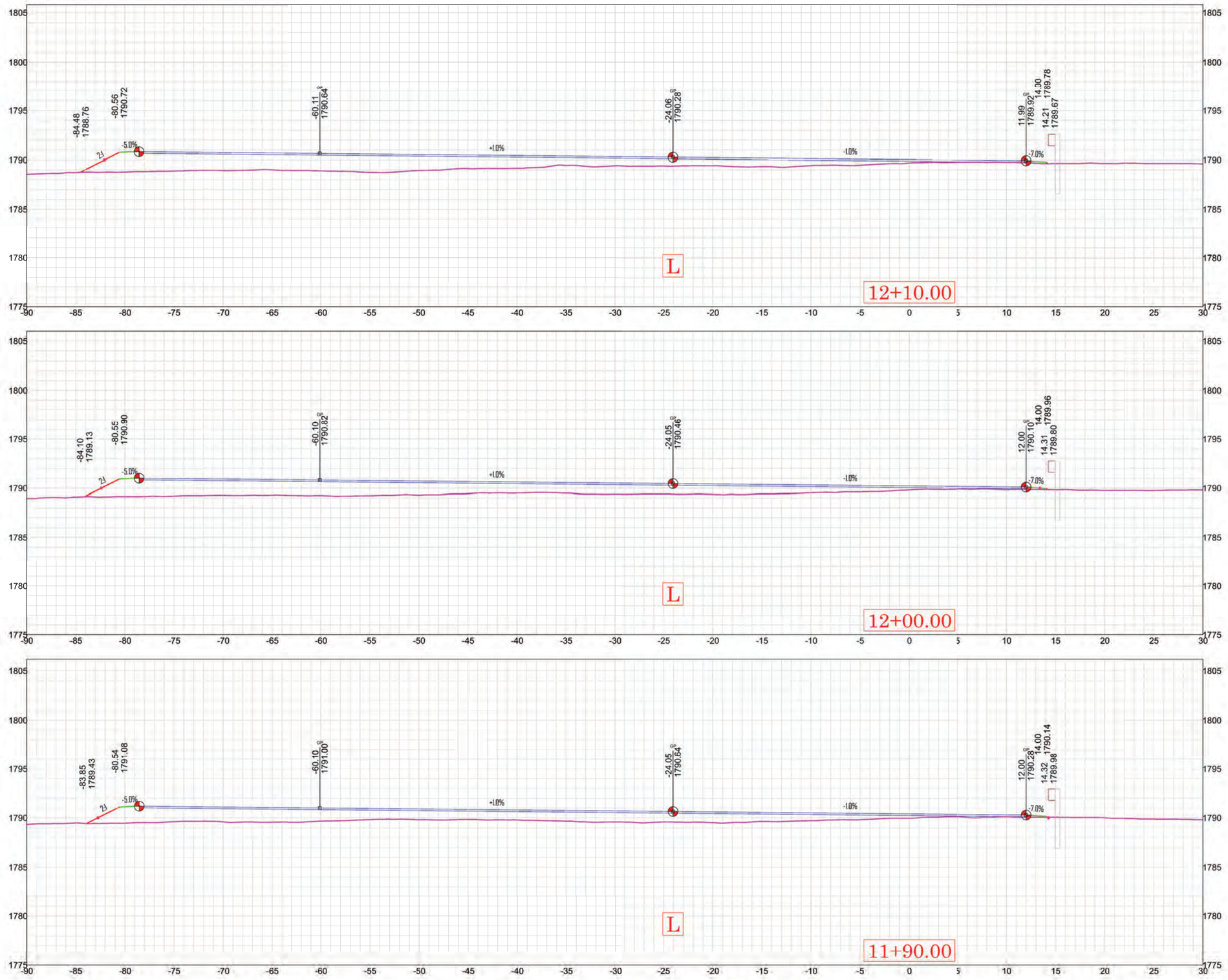
1789.68
-80.53
1791.26
-5.0%
2:1
+1.0%
-60.03
1791.18
-24.04
1790.82
-1.0%
12.01
1790.46
-7.0%
14.00
1790.32
14.55
1790.05
L
11+80.00


-83.45
1789.98
-80.52
1791.44
-5.0%
2:1
+1.0%
-60.09
1791.37
-24.04
1791.01
-1.0%
12.01
1790.65
-7.0%
14.00
1790.51
15.80
1789.71
2:1
L
11+70.00


-83.06
1790.35
-80.51
1791.62
-5.0%
2:1
+1.0%
-60.08
1791.55
-24.03
1791.19
-1.0%
12.02
1790.83
-7.0%
14.00
1790.69
18.09
1788.64
2:1
L
11+60.00


-84.48
1788.76
-80.56
1790.72
-60.11
1790.64
-24.06
1790.28
11.99
1789.99
14.20
1789.78
14.21
1789.67
2:1
-5.0%
+1.0%
-1.0%
-7.0%
L
12+10.00
-84.10
1789.13
-80.55
1790.90
-60.10
1790.82
-24.05
1790.46
12.00
1790.10
14.00
1789.96
14.31
1789.80
12+00.00
-83.85
1789.43
-80.54
1791.08
-60.10
1791.00
-24.05
1790.64
12.00
1790.28
14.00
1790.14
14.32
1789.98
11+90.00
1805
1800
1795
1790
1785
1780
1775
-90
-85
-80
-75
-70
-65
-60
-55
-50
-45
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-25
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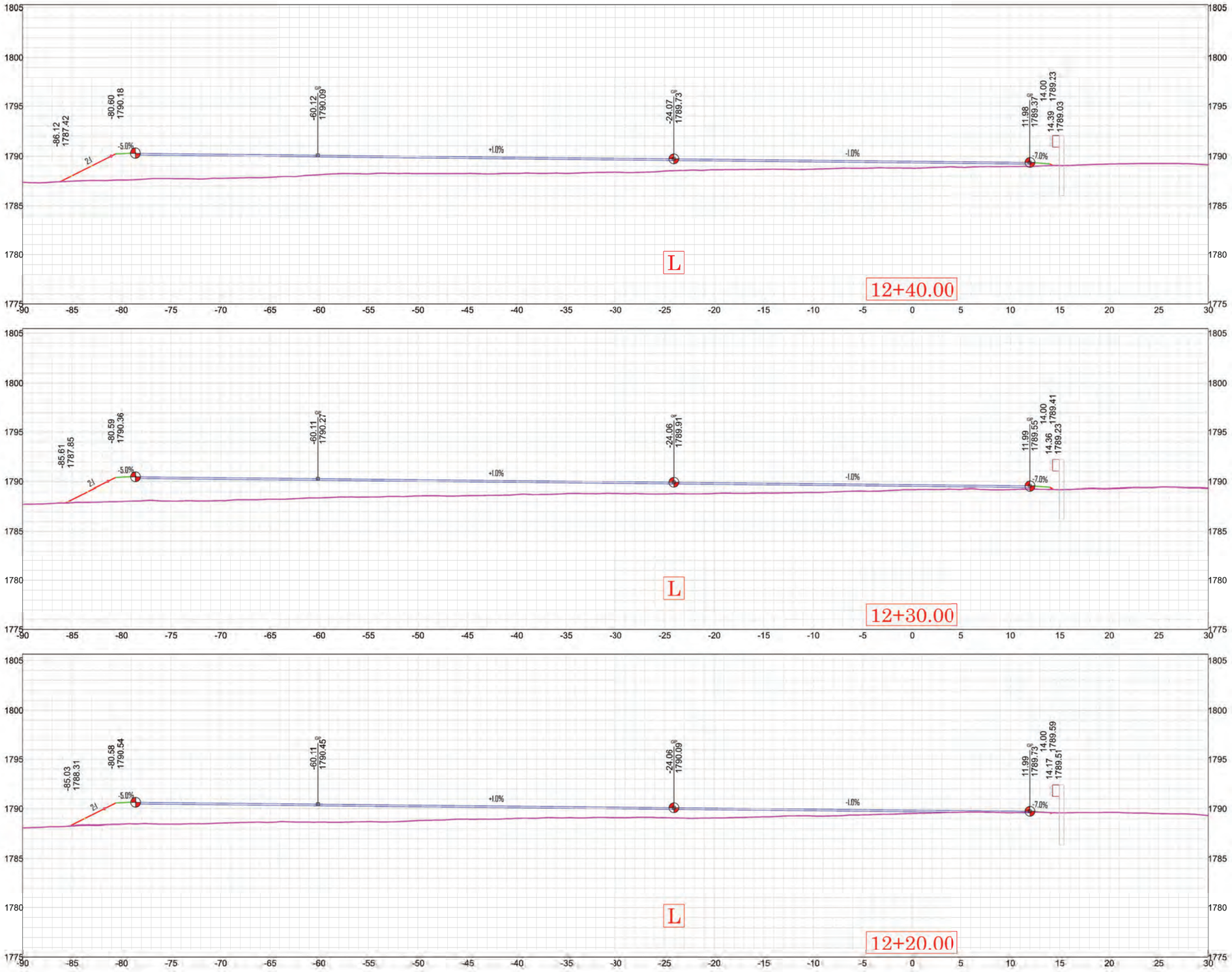
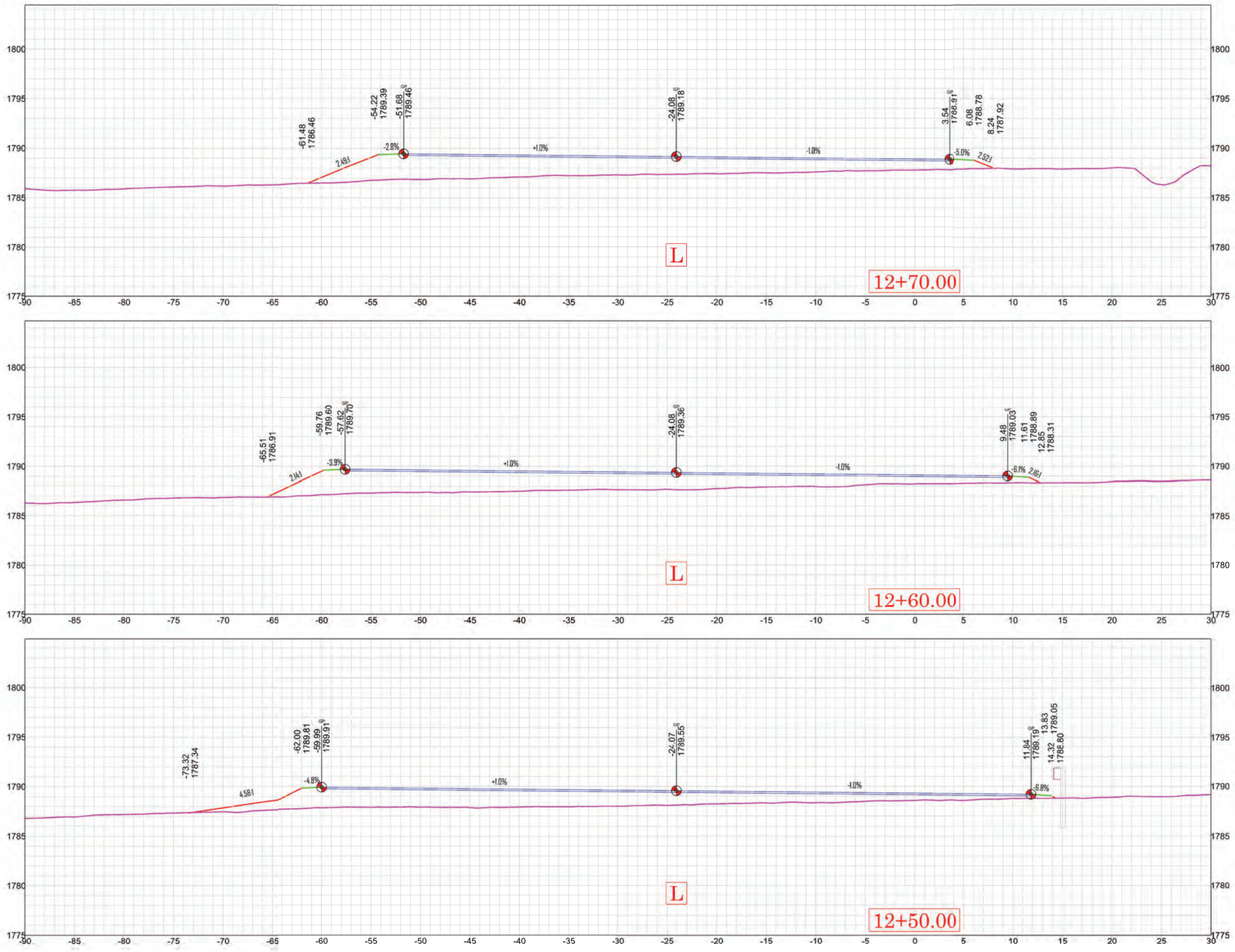
-15
-10
-5
0
5
10
15
20
25
30

11/14/23




-61.48
1786.46
2.49:1
-54.22
1789.39
-51.68
1789.46
-2.8%
+1.0%
-24.08
1789.18
-1.0%
3.54
1788.91
-5.0%
2.52:1
6.08
1788.78
8.24
1787.92
L
12+70.00
-65.51
1786.91
2.14:1
-59.76
1789.60
-57.62
1789.70
-3.8%
+1.0%
-24.08
1789.36
-1.0%
9.48
1789.03
-6.1%
2.16:1
11.61
1788.89
12.85
1788.31
L
12+60.00
-73.32
1787.34
4.58:1
-62.00
1789.81
-59.99
1789.91
-4.8%
+1.0%
-24.07
1789.55
-1.0%
11.84
1789.19
-6.8%
13.83
1789.05
14.32
1788.80
L
12+50.00
1800
1795
1790
1785
1780
1775
-90
-85
-80
-75
-70
-65
-60
-55
-50
-45
-40
-35
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-25
-20
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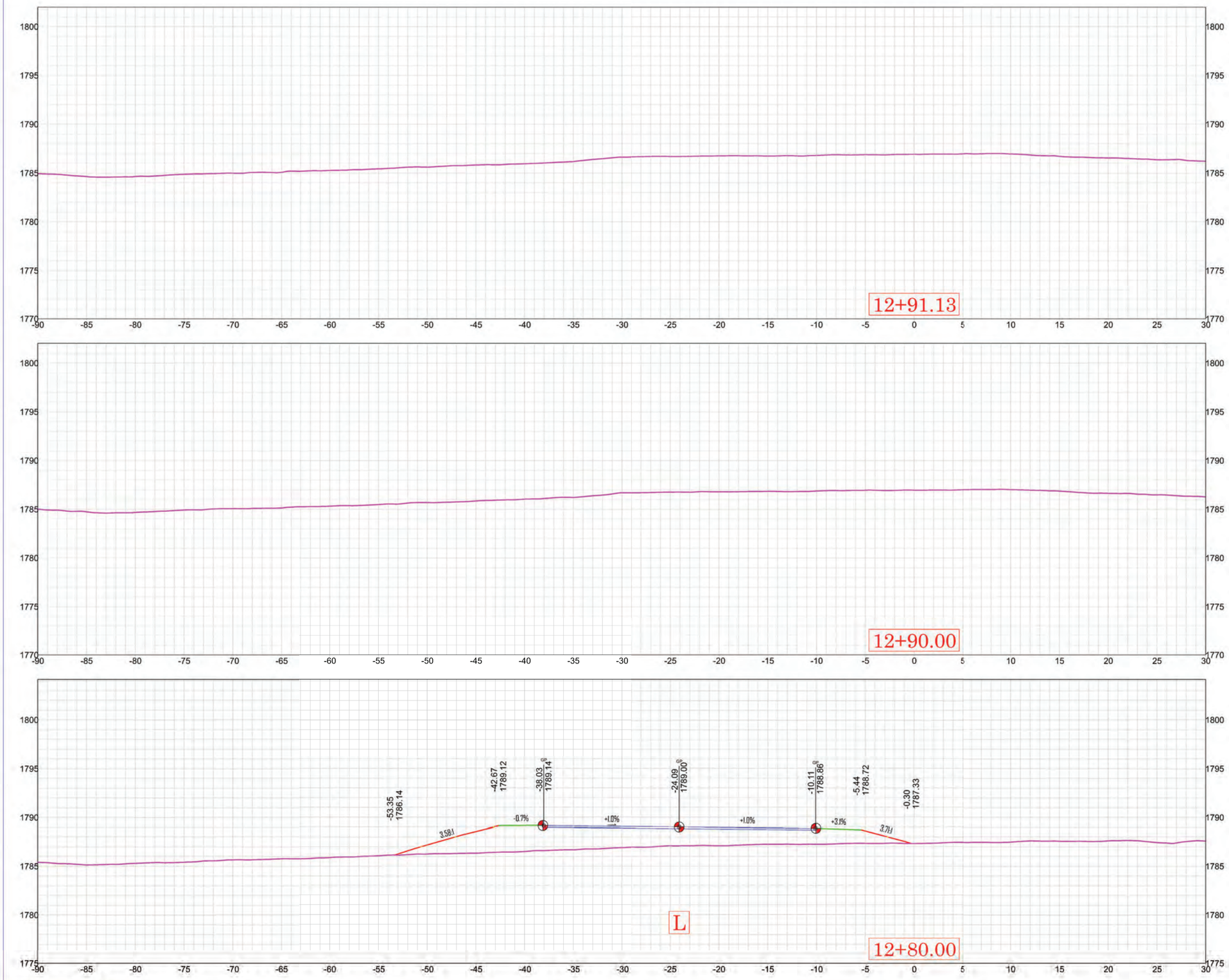
-10
-5
0
5
10
15
20
25
30

11/14/23



X-12 12+80.00

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