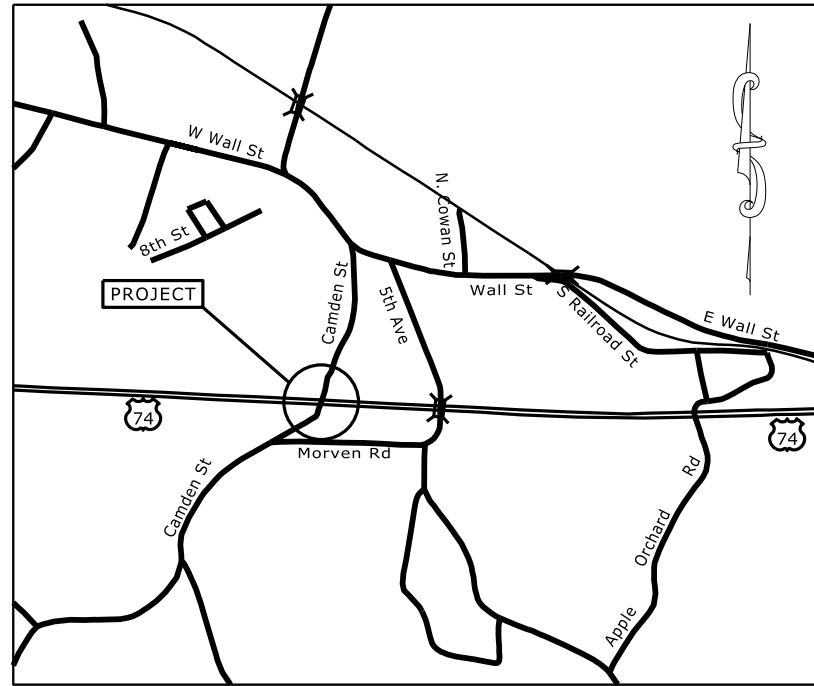


PROJECT: 44856.3.38 TIP: W-5710AJ

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	44856.3.38	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
44856.1.38	HSIP-0074(224)	P.E.	
44856.2.38	HSIP-0074(224)	R/W	
44856.3.38	HSIP-0074(224)	CONST.	

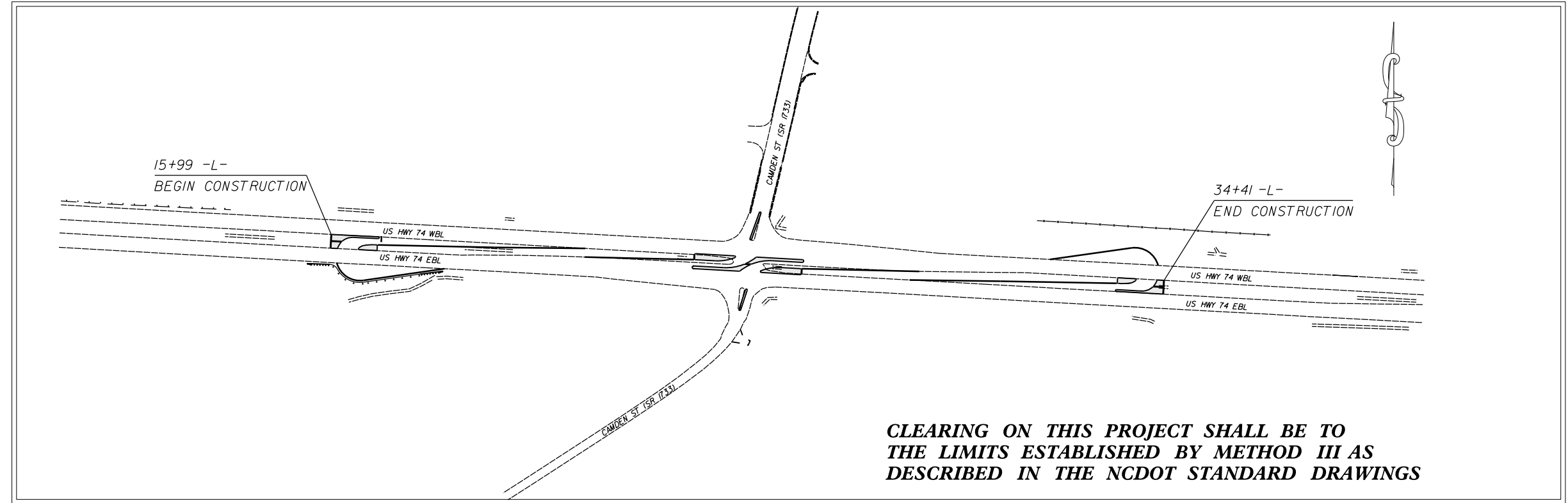


VICINITY MAP NOT TO SCALE

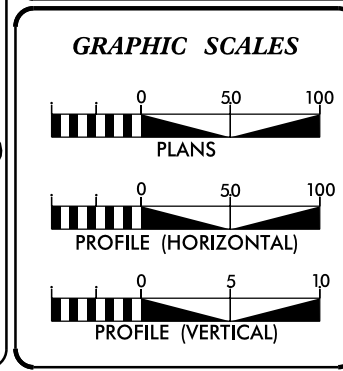
STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
ANSON COUNTY

LOCATION: INTERSECTION OF US 74 AND CAMDEN ST. (SR-1733)

TYPE OF WORK: GRADING, PAVING, MILLING, DRAINAGE, GUARDRAIL, MONOLITHIC CONCRETE ISLANDS, AND THERMOPLASTIC PAVEMENT MARKINGS



CLEARING ON THIS PROJECT SHALL BE TO THE LIMITS ESTABLISHED BY METHOD III AS DESCRIBED IN THE NCDOT STANDARD DRAWINGS



DESIGN DATA

ADT	=	
ADT	=	
DHV	=	%
D	=	%
T	=	%
V	=	MPH

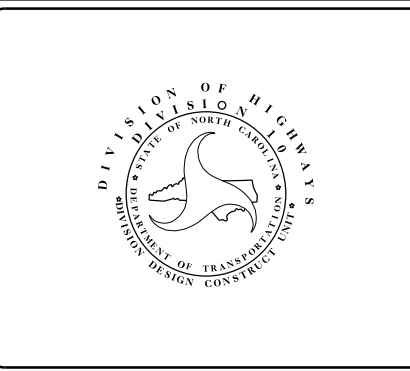
PROJECT LENGTH

LENGTH OF ROADWAY PROJECT	=	0.36 MILES
TOTAL LENGTH OF STATE PROJECT	=	0.36 MILES

Prepared In the Office of:
DIVISION OF HIGHWAYS
 DIVISION TEN
 DIVISION DESIGN / CONSTRUCT UNIT

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:	DONALD HARWARD PROJECT ENGINEER
LETTING DATE:	JASON BROOKS PROJECT DESIGN ENGINEER



ROADWAY DESIGN ENGINEER

DocuSigned by:

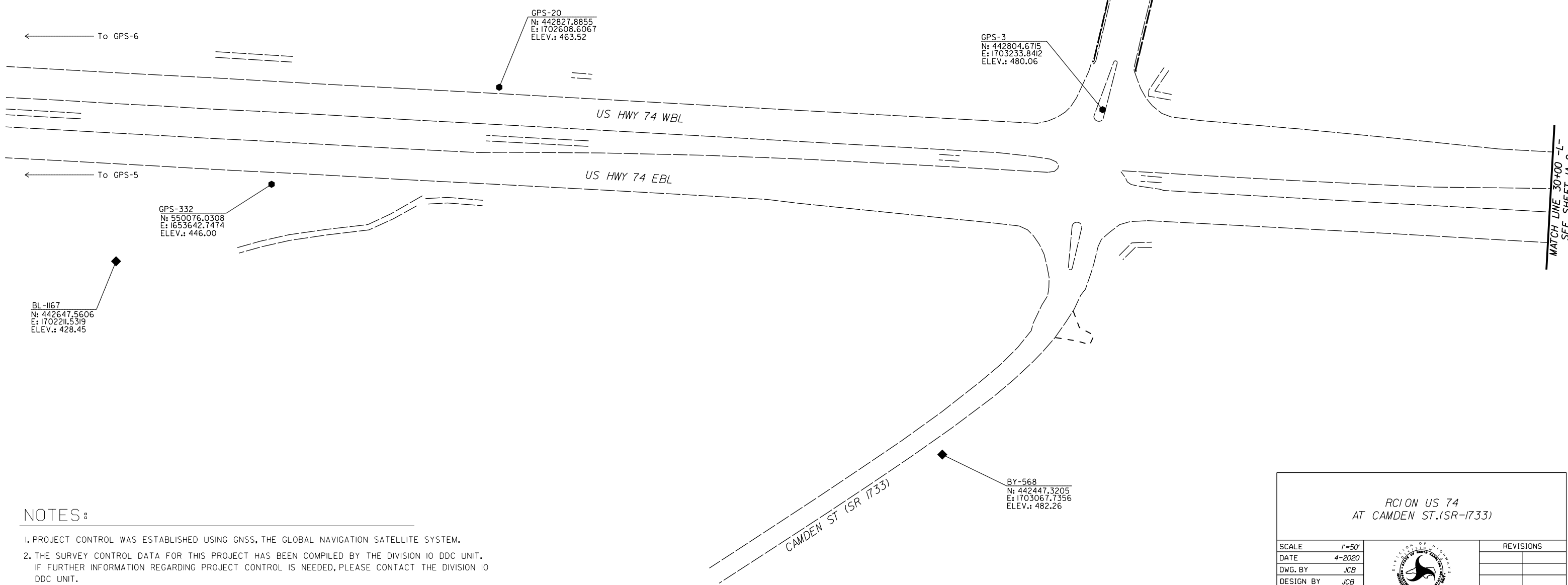
SIGNATURE A92E756C0FFB49D...

BL POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
5		442769.2913	1701721.9675	442.45	10+24.00	53.83 RT
1167		442647.5606	1702211.5319	428.45	15+19.54	148.33 RT
332		442727.3509	1702372.6699	454.33	16+76.02	59.76 RT
72		442627.4295	1704112.2196	476.26	34+18.44	63.41 RT
17		442550.6276	1704739.5831	487.75	OUTSIDE PROJECT LIMITS	
18		442741.4308	1704187.9190	475.94	34+87.72	54.60 LT
19		442766.5962	1703747.0120	481.10	30+46.10	55.36 LT
3		442804.6715	1703233.8412	480.06	25+31.61	65.03 LT
20		442827.8855	1702608.6067	463.52	19+06.04	53.66 LT
6		442881.2316	1701733.4956	441.62	10+29.32	58.57 LT

BY POINT	DESC.	NORTH	EAST	ELEVATION	Y1 STATION	OFFSET
3		442804.6715	1703233.8412	480.06	15+11.37	1.79 RT
568		442447.3205	1703067.7356	482.26	OUTSIDE PROJECT LIMITS	

BY POINT	DESC.	NORTH	EAST	ELEVATION	Y2 STATION	OFFSET
3		442804.6715	1703233.8412	480.06	OUTSIDE PROJECT LIMITS	
568		442447.3205	1703067.7356	482.26	13+34.63	26.51 LT

DATUM DESCRIPTION
 THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NC DOT FOR MONUMENT "BL-3" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 442804.6715(±ft) EASTING: 1703233.8412(±ft) ELEVATION: 480.06(±ft)
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99988525
 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "BL-3" TO "L- STATION 10+00 IS N 89° 15' 50" W 1532.99'
 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
 VERTICAL DATUM USED IS NAVD 88



NOTES :

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED BY THE DIVISION 10 DDC UNIT. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE DIVISION 10 DDC UNIT.

RCION US 74
AT CAMDEN ST.(SR-1733)

SCALE	1"=50'		REVISIONS
DATE	4-2020		
DWG. BY	JCB		
DESIGN BY	JCB		
APPROVED	JDH		

BL	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
5			442769.2913	1701721.9675	442.45	10+24.00	53.83 RT
1167			442647.5606	1702211.5319	428.45	15+19.54	148.33 RT
332			442727.3509	1702372.6699	454.33	16+76.02	59.76 RT
72			442627.4295	1704112.2196	476.26	34+18.44	63.41 RT
17			442550.6276	1704739.5831	487.75	OUTSIDE PROJECT LIMITS	
18			442741.4308	1704187.9190	475.94	34+87.72	54.60 LT
19			442766.5962	1703747.0120	481.10	30+46.10	55.36 LT
3			442804.6715	1703233.8412	480.06	25+31.61	65.03 LT
20			442827.8855	1702608.6067	463.52	19+06.04	53.66 LT
6			442881.2316	1701733.4956	441.62	10+29.32	58.57 LT

BY	POINT	DESC.	NORTH	EAST	ELEVATION	Y1 STATION	OFFSET
3			442804.6715	1703233.8412	480.06	15+11.37	1.79 RT
568			442447.3205	1703067.7356	482.26	OUTSIDE PROJECT LIMITS	

BY	POINT	DESC.	NORTH	EAST	ELEVATION	Y2 STATION	OFFSET
3			442804.6715	1703233.8412	480.06	OUTSIDE PROJECT LIMITS	
568			442447.3205	1703067.7356	482.26	13+34.63	26.51 LT

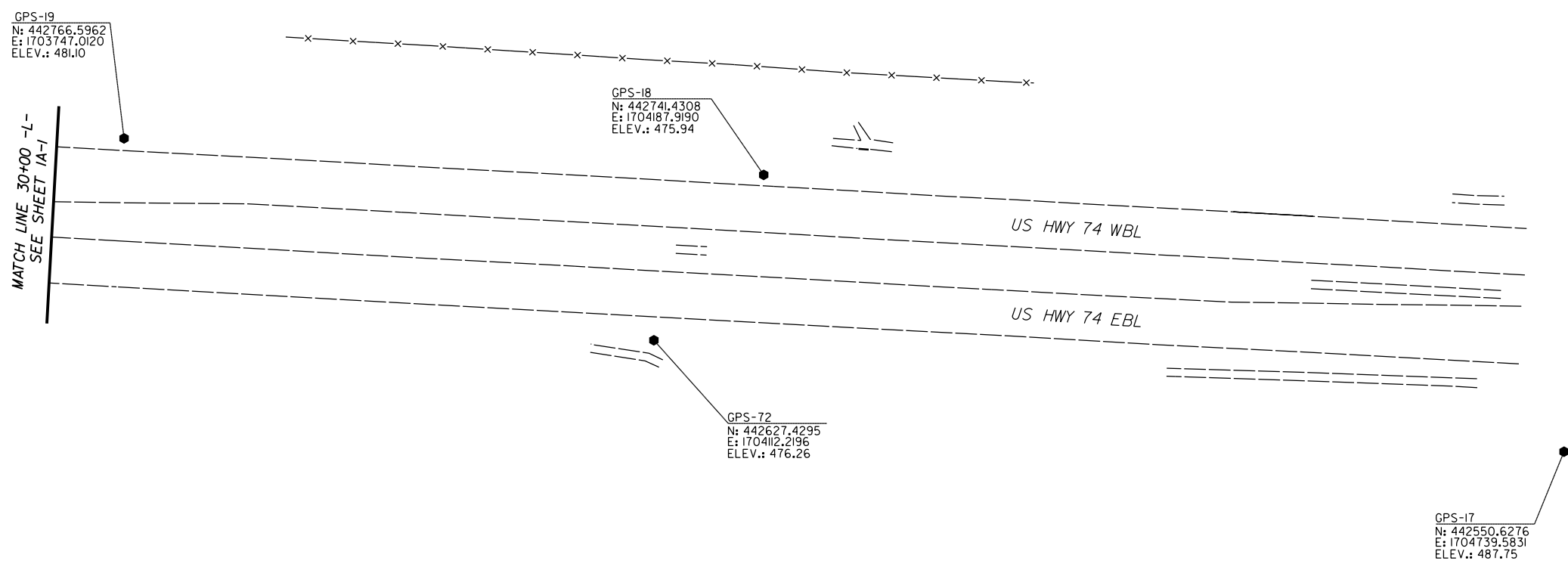
DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "BL-3" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 442804.6715(fft) EASTING: 1703233.8412(fft) ELEVATION: 480.06(fft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99988525

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "BL-3" TO -L- STATION 10+00 IS
N 89 15' 50" W 1532.99'

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88



NOTES:

- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED BY THE DIVISION IO DDC UNIT. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE DIVISION IO DDC UNIT.

RCION US 74
AT CAMDEN ST. (SR-1733)

SCALE	1"=50'		REVISIONS
DATE	4-2020		
DWG. BY	JCB		
DESIGN BY	JCB		
APPROVED	JDH		

PROPOSED ALIGNMENT SHEET

PROJECT NO.	SHEET NO.
44856.3.38	1B
F.A. PROJECT NO. HSIP-0074(224)	

L

POINT	N	E	BEARING	DIST
POT	442824.368	1701700.981		
LINE			S 86°49'57.9" E	3014.72
POT	442657.802	1704711.096		

Y1

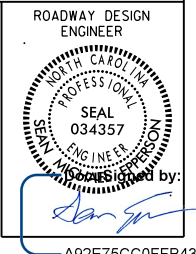
POINT	N	E	BEARING	DIST
POT	443302.156	1703352.208		
LINE			S 13°10'58.9" W	577.09
POT	442740.279	1703220.596		

Y2

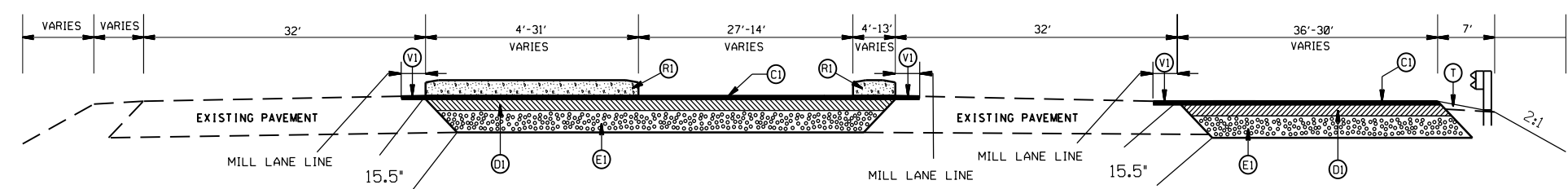
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	442740.806	1703211.080							
LINE			S 03°10'02.1" W	74.48					
PC	442666.438	1703206.965							
CURVE			S 18°09'36.8" W	77.61	29°59'09.3"(RT)	38°11'49.9"	78.50	40.17	150.00
PT	442592.694	1703182.776							
LINE			S 33°09'11.4" W	32.81					
PC	442565.222	1703164.831							
CURVE			S 42°40'03.7" W	49.59	19°01'44.6"(RT)	38°11'49.9"	49.82	25.14	150.00
PT	442528.759	1703131.222							
LINE			S 52°10'56.0" W	45.90					
PC	442500.618	1703094.966							
CURVE			S 54°29'36.8" W	104.86	04°37'21.5"(RT)	04°24'26.5"	104.88	52.47	1300.00
PT	442439.718	1703009.608							
LINE			S 56°48'17.6" W	387.75					
POT	442227.430	1702685.137							

RCION US 74
AT CAMDEN ST.(SR-1733)

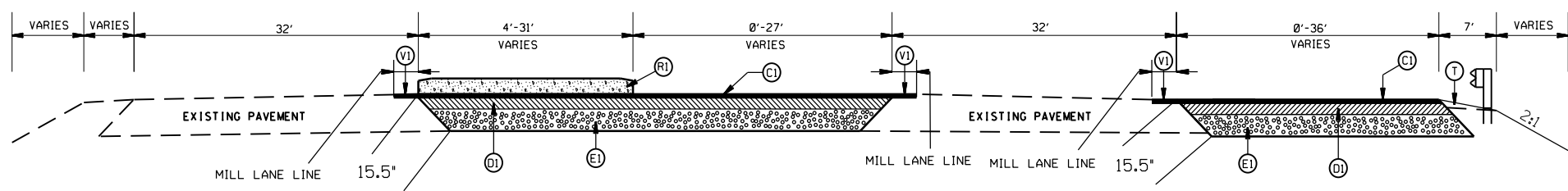
SCALE	N/A		REVISIONS
DATE	4-2020		
DWG. BY	JCB		
DESIGN BY	JCB		
APPROVED	JDH		



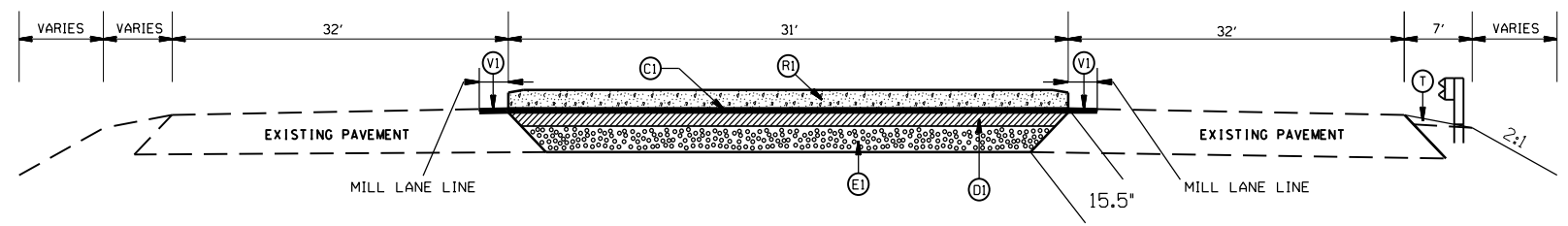
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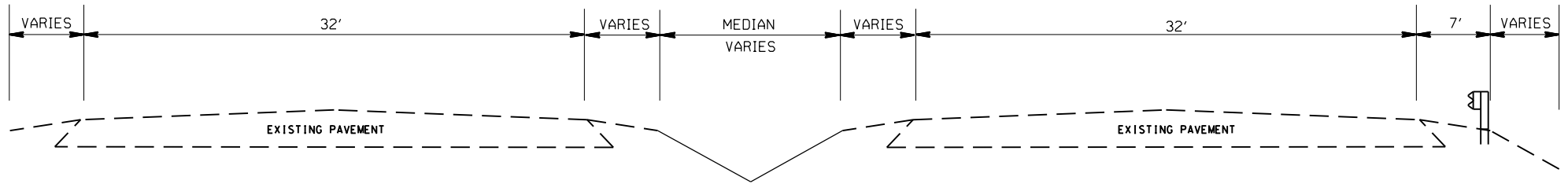
TYPICAL SECTION NO.4
STA 16+61.00 TO 17+03.00 -L-



TYPICAL SECTION NO.3
STA 16+14.95 TO 16+61.00 -L-



TYPICAL SECTION NO.2
STA 16+00.00 TO 16+14.95 -L-



TYPICAL SECTION NO.1
STA 15+50.00 TO 15+99.00 -L-

PAVEMENT SCHEDULE

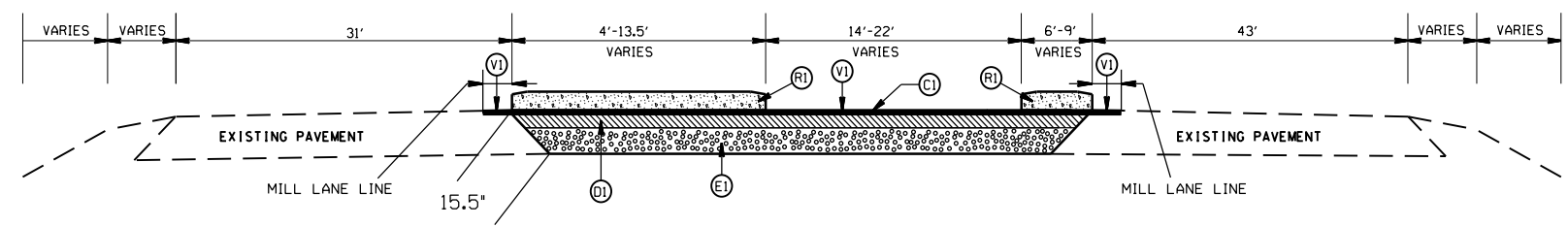
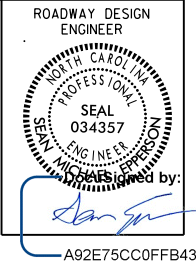
(C1)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(D1)	PROP. APPROX. 4.0" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
(E1)	PROP. APPROX. 10.0" ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
(R1)	PROP. 5" MONOLITHIC ISLAND (SURFACE MOUNTED)
(V1)	MILLING ASPHALT PAVEMENT, 1.5" IN DEPTH
(T)	EARTH MATERIAL

RC1 ON US 74
AT CAMDEN ST. (SR-1733)

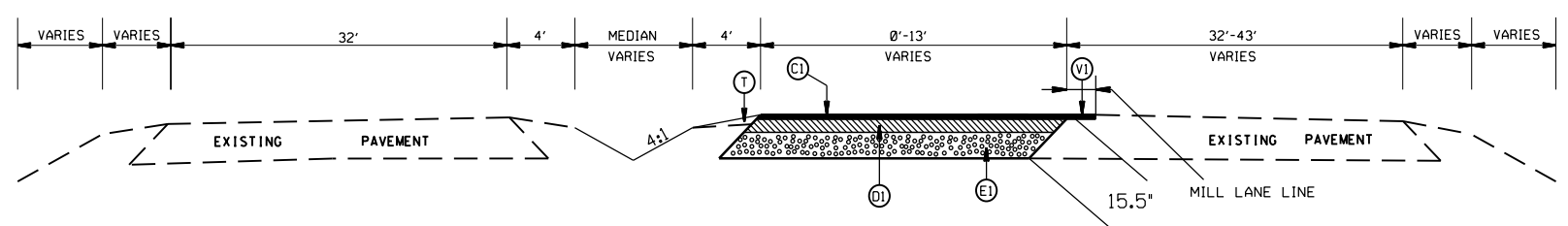
SCALE	N/A
DATE	4-2020
DWG. BY	JCB
DESIGN BY	JCB
APPROVED	JDH



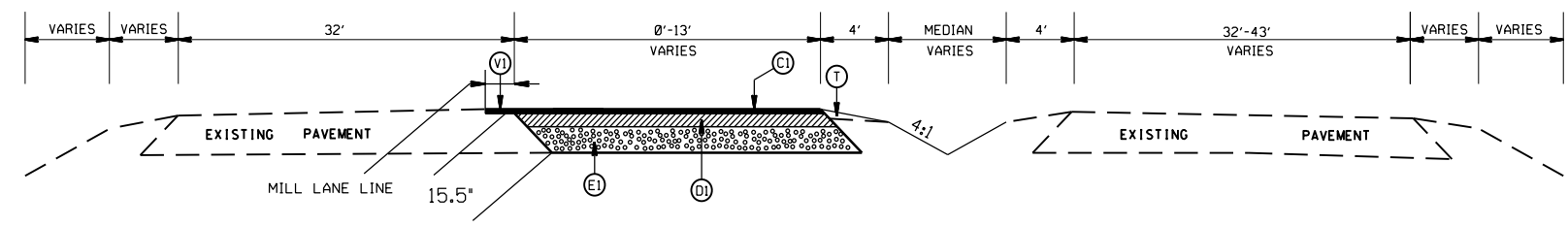
REVISIONS	



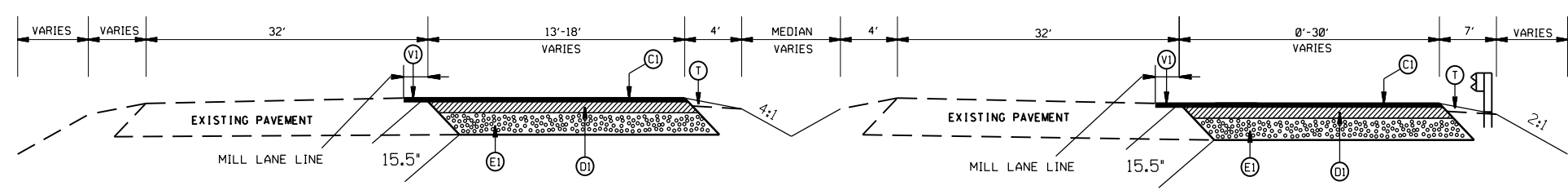
TYPICAL SECTION NO.8
STA 23+98.00 TO 24+92.92 -L-



TYPICAL SECTION NO.7
STA 21+61.00 TO 23+98.00 -L-
STA. 29+00.00 TO 31+87.02 -L-



TYPICAL SECTION NO.6
STA 18+53.02 TO 21+61.00 -L-
STA 26+41.00 TO 28+80.00 -L-



TYPICAL SECTION NO.5
STA 17+03.00 TO 18+53.02 -L-

PAVEMENT SCHEDULE

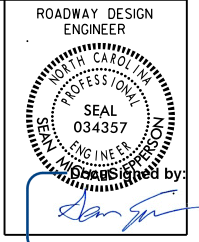
(C1)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(D1)	PROP. APPROX. 4.0" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
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(R1)	PROP. 5" MONOLITHIC ISLAND (SURFACE MOUNTED)
(V1)	MILLING ASPHALT PAVEMENT, 1.5" IN DEPTH
(T)	EARTH MATERIAL

RC1 ON US 74
AT CAMDEN ST. (SR-1733)

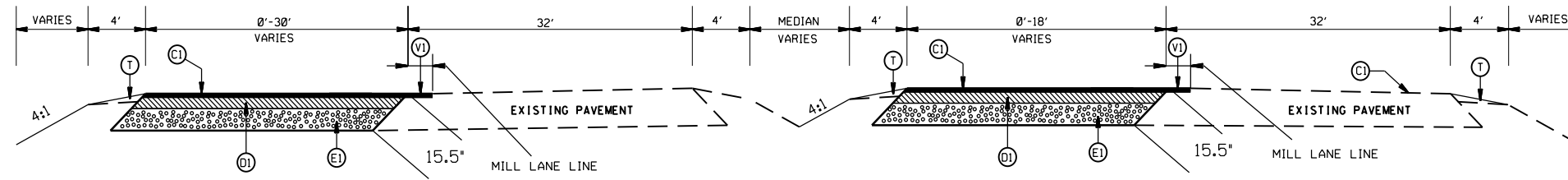
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DATE	4-2020
DWG. BY	JCB
DESIGN BY	JCB
APPROVED	JDH



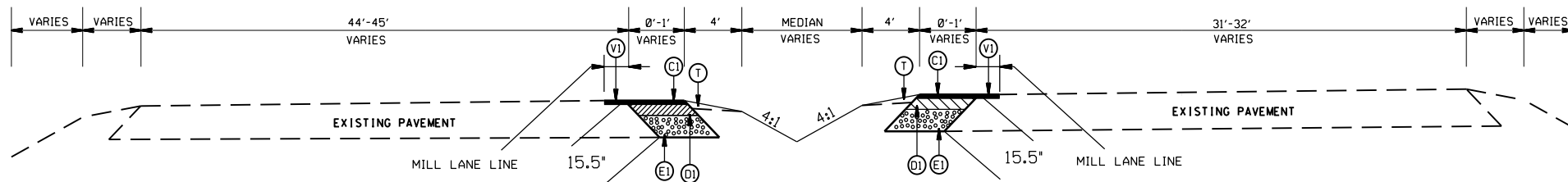
REVISIONS	



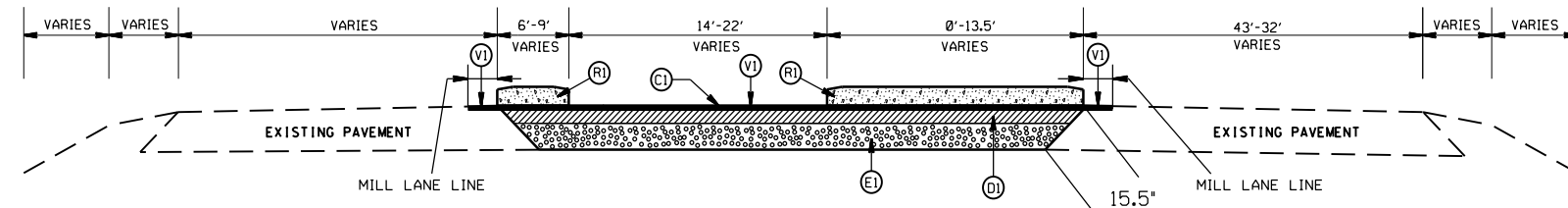
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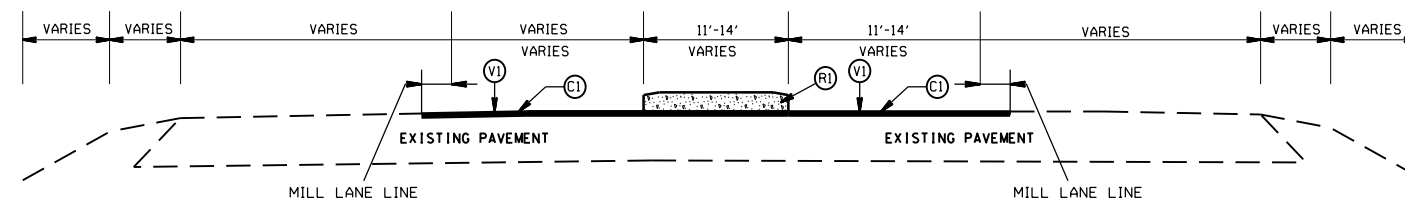
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STA 31+87.02 TO 33+35.00 -L-



TYPICAL SECTION NO.11
STA 28+80.00 TO 29+00.00 -L-



TYPICAL SECTION NO.10
STA 25+50.00 TO 26+41.00 -L-



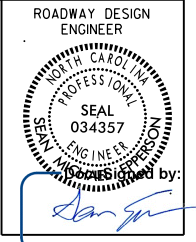
TYPICAL SECTION NO.9
STA 24+92.92 TO 25+50.00 -L-

PAVEMENT SCHEDULE

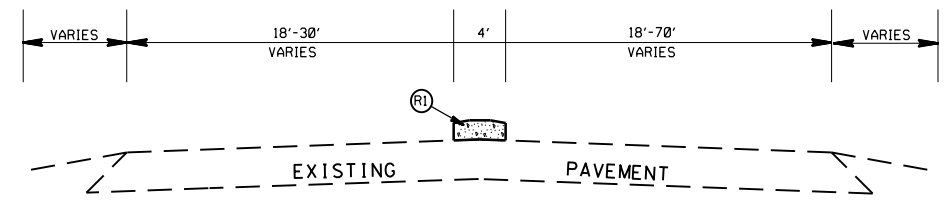
(C1)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(D1)	PROP. APPROX. 4.0" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
(E1)	PROP. APPROX. 10.0" ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
(R1)	PROP. 5" MONOLITHIC ISLAND (SURFACE MOUNTED)
(V1)	MILLING ASPHALT PAVEMENT, 1.5" IN DEPTH
(T)	EARTH MATERIAL

RC1 ON US 74
AT CAMDEN ST. (SR-1733)

SCALE	N/A		REVISIONS
DATE	4-2020		
DWG. BY	JCB		
DESIGN BY	JCB		
APPROVED	JDH		



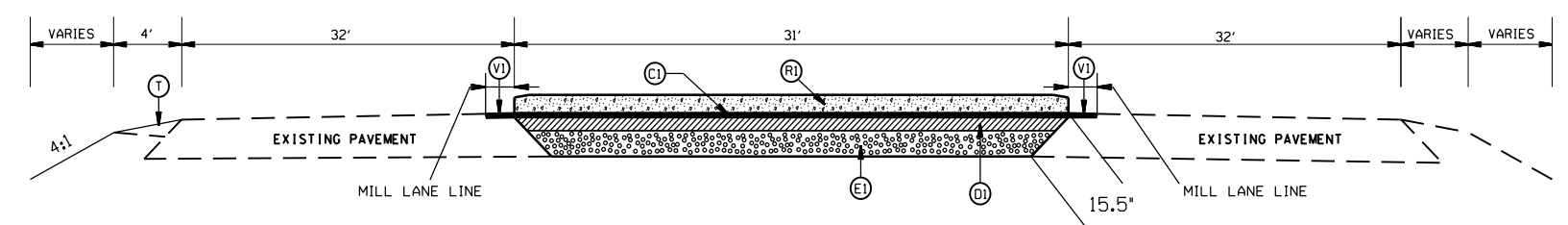
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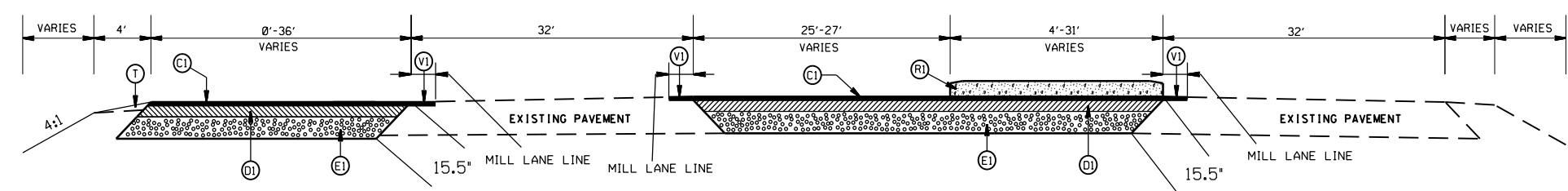
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PAVEMENT SCHEDULE

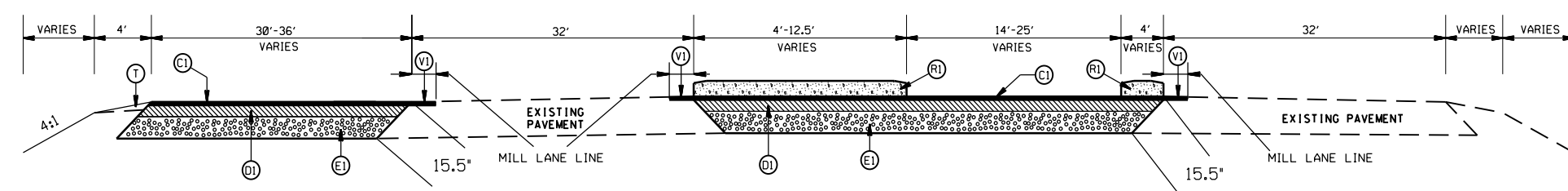
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(R1)	PROP. 5" MONOLITHIC ISLAND (SURFACE MOUNTED)
(V1)	MILLING ASPHALT PAVEMENT, 1.5" IN DEPTH
(T)	EARTH MATERIAL



TYPICAL SECTION NO. 15
STA 34+25.00 TO 34+40.00 -L-



TYPICAL SECTION NO.14
STA 33+79.00 TO 34+25.00 -L-



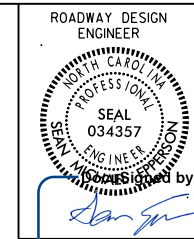
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RC1 ON US 74
AT CAMDEN ST.(SR-1733)

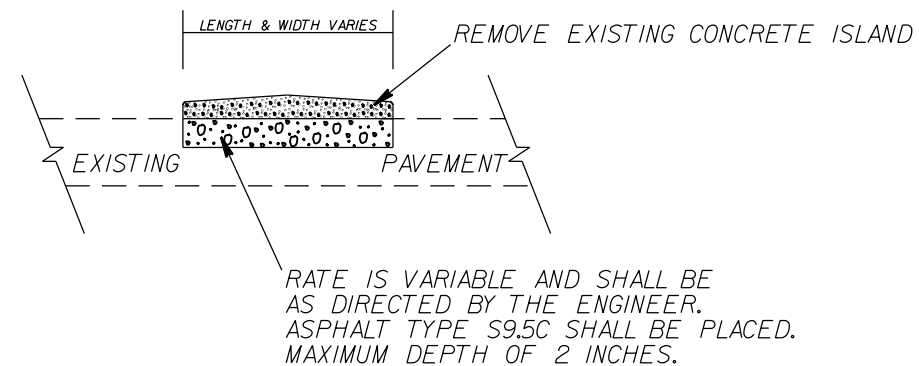
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DATE	4-2020
DWG. BY	JCB
DESIGN BY	JCB
APPROVED	JDH



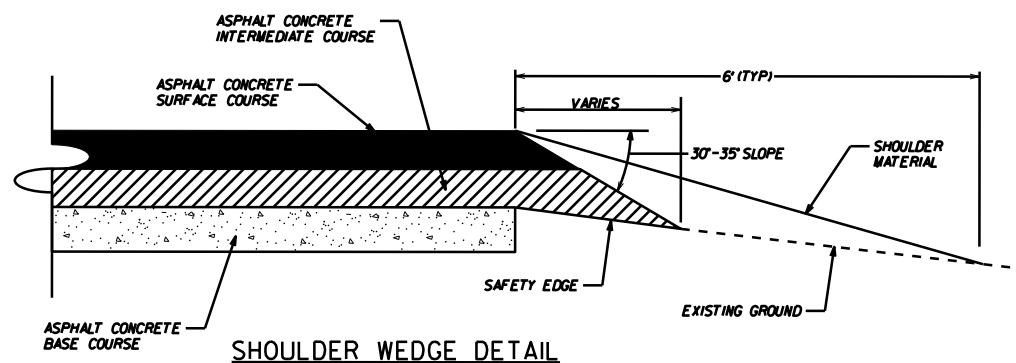
REVISIONS	



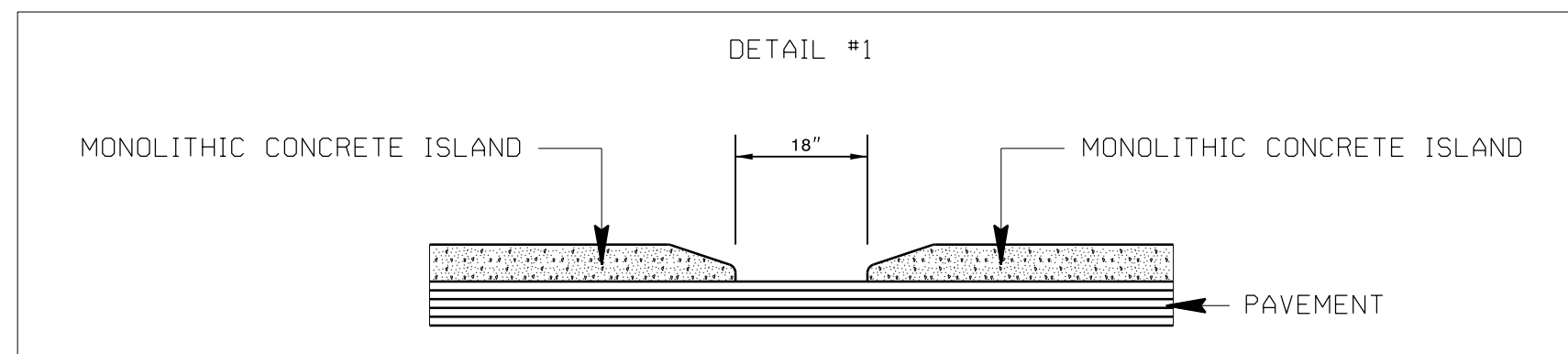
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ISLAND PATCHING DETAIL



SHOULDER WEDGE DETAIL



PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(D1)	PROP. APPROX. 4.0" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
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(V1)	MILLING ASPHALT PAVEMENT, 1.5" IN DEPTH
(T)	EARTH MATERIAL

RCI ON US 74
AT CAMDEN ST. (SR-1733)

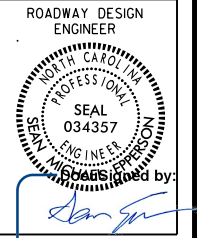
SCALE	N/A
DATE	-2020
DWG. BY	JCB
DESIGN BY	JCB
APPROVED	JDH



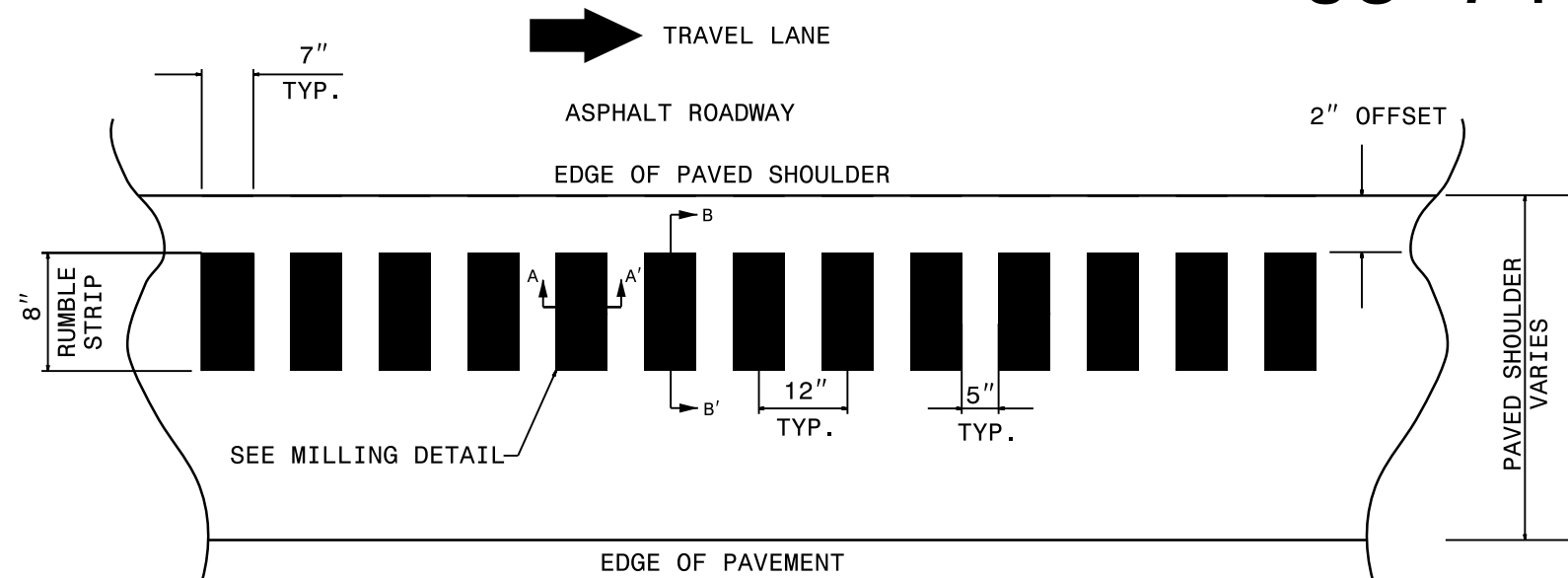
REVISIONS	

US 74

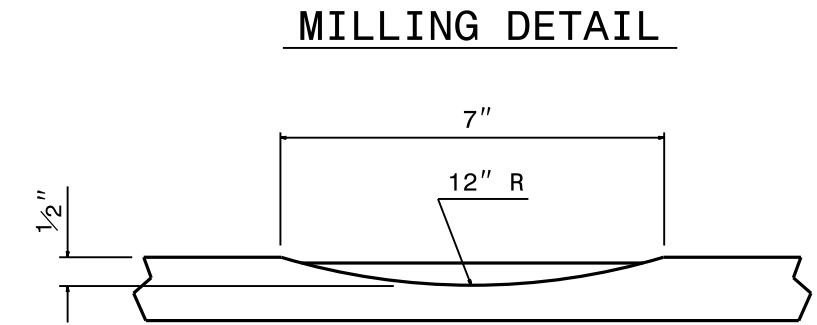
PROJECT NO.	SHEET NO.
44856.3.8	2E
F.A. PROJECT NO. HSP-0074(224)	



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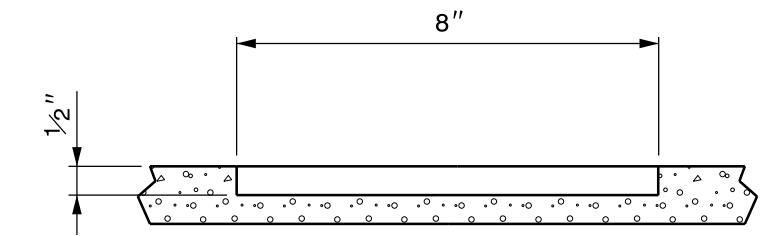


PAVED SHOULDERS DETAIL A

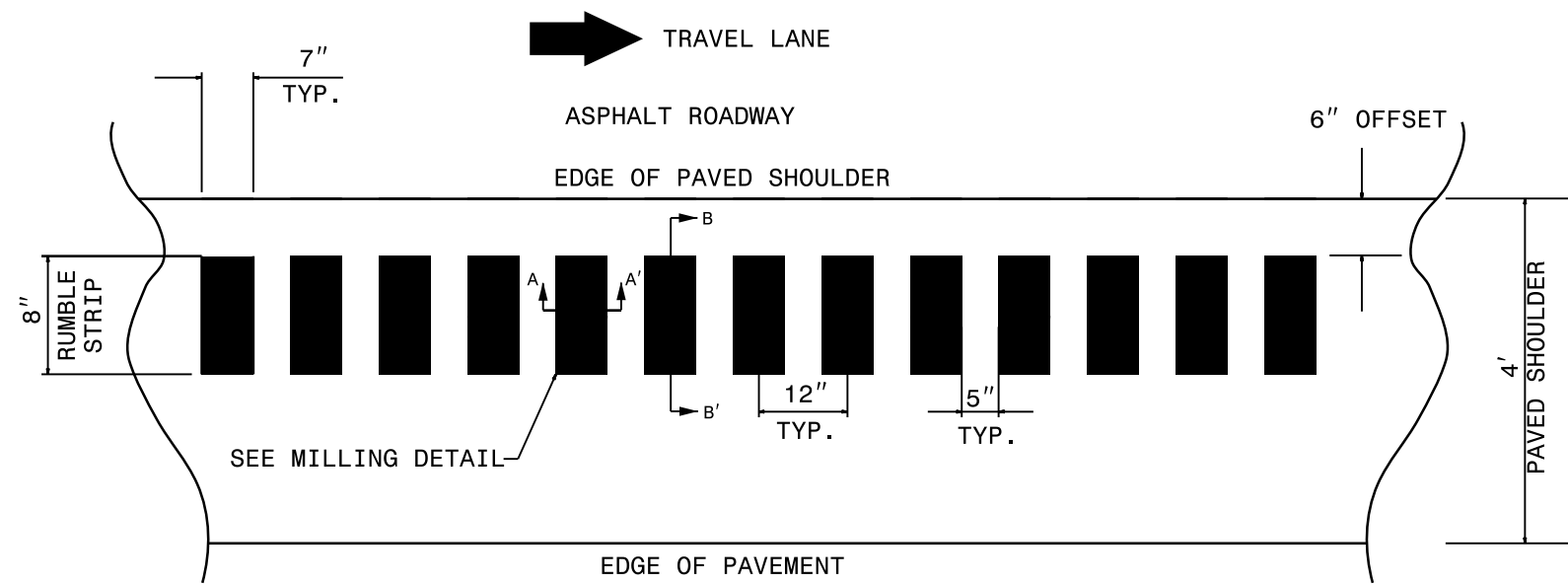


MILLING DETAIL

SECTION A-A'



SECTION B-B'



PAVED SHOULDERS DETAIL B

NOTE:

- 1) USING A VACUUM, REMOVE ALL DEBRIS FROM THE MILLINGS JUST PRIOR TO PLACING ANY PAVEMENT MARKINGS.
- 2) ENSURE GLASS BEADS ARE SPREAD UNIFORMLY OVER THE ENTIRE SURFACE OF THE PAVEMENT MARKING MATERIAL.
- 3) SEE NCDOT STD 665.01 SHEET 2 OF 2 FOR TREATMENT AT INTERSECTIONS.

RCION US 74 AT CAMDEN ST.(SR-1733)		REVISIONS	
SCALE	N/A		
DATE	4-2020		
DWG. BY	JCB		
DESIGN BY	JCB		
APPROVED	JDH		



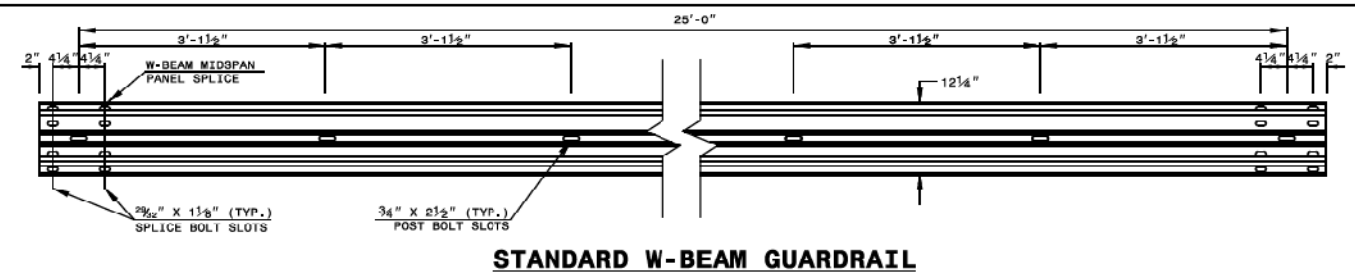
PROJECT REFERENCE NO. SHEET NO.
**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

ROADWAY DESIGN
 ENGINEER
 SEAL
 034357
 MICHAEL S. HOWERTON
 State of North Carolina
 Professional Engineer
 License No. 034357
 Signature: *[Signature]*
 A92E75CC0FFB43

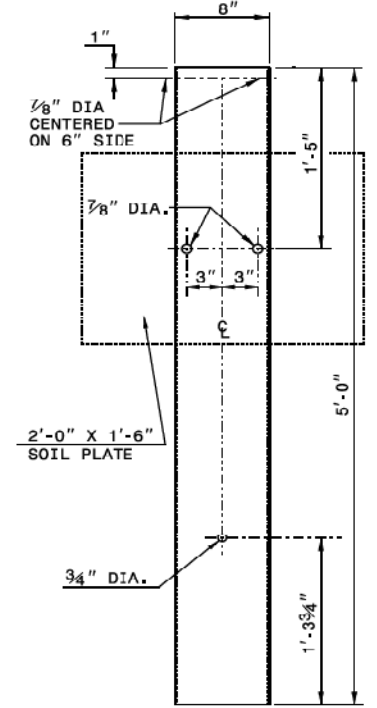
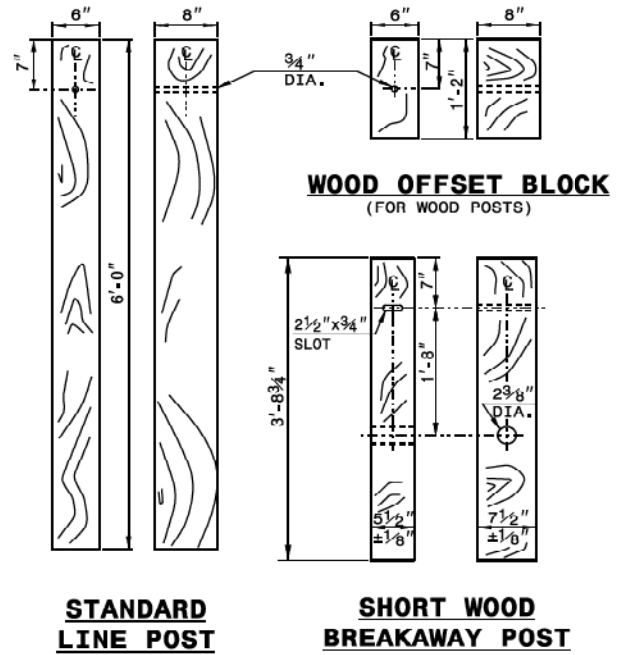
STATE OF
 NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

SHEET 6 OF 8
862D02

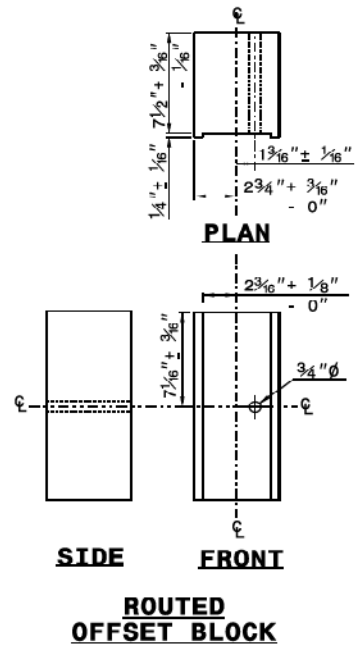


STANDARD W-BEAM GUARDRAIL

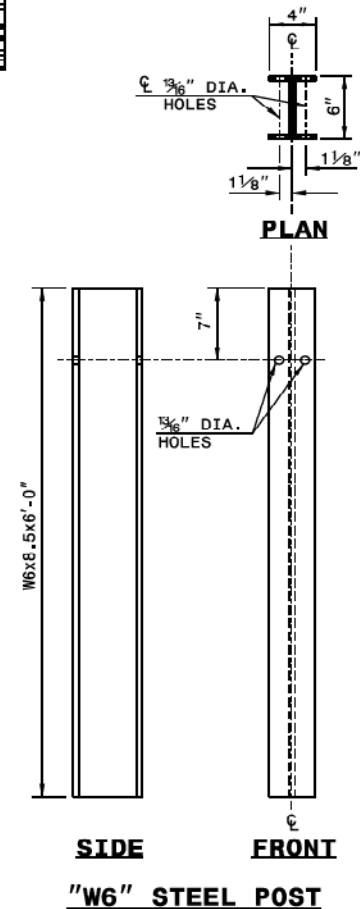


STEEL TUBE
 TS 6" x 8" x 0.1875"

SYSTEM PARTS



**ROUTED
 OFFSET BLOCK**



W6" STEEL POST

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

ROADWAY DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

SHEET 6 OF 8
862D02

SEAL
 022966
 J. HOWERTON

CONTRACTS STANDARDS
 AND DEVELOPMENT UNIT
 Office 919-707-6950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: J. HOWERTON DATE: 3-7-2018
 MODIFIED BY: DATE:
 CHECKED BY: DATE:
 FILE SPEC.:

RCION US 74
 AT CAMDEN ST. (SR-1733)

SCALE	N/A
DATE	2-2021
DWG. BY	JCB
DESIGN BY	JCB
APPROVED	JDH



REVISIONS	

14-DEC-2017 0:36
 S:\Contracts\2017\1706220300\Drawings\Standard Drawings\2018 Standard Drawings\Details\Poweron\Standard Drawings\Details in Lieu of Standards\Drawn 0\06220300.dgn
 Jhowerton AN 1706220300

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

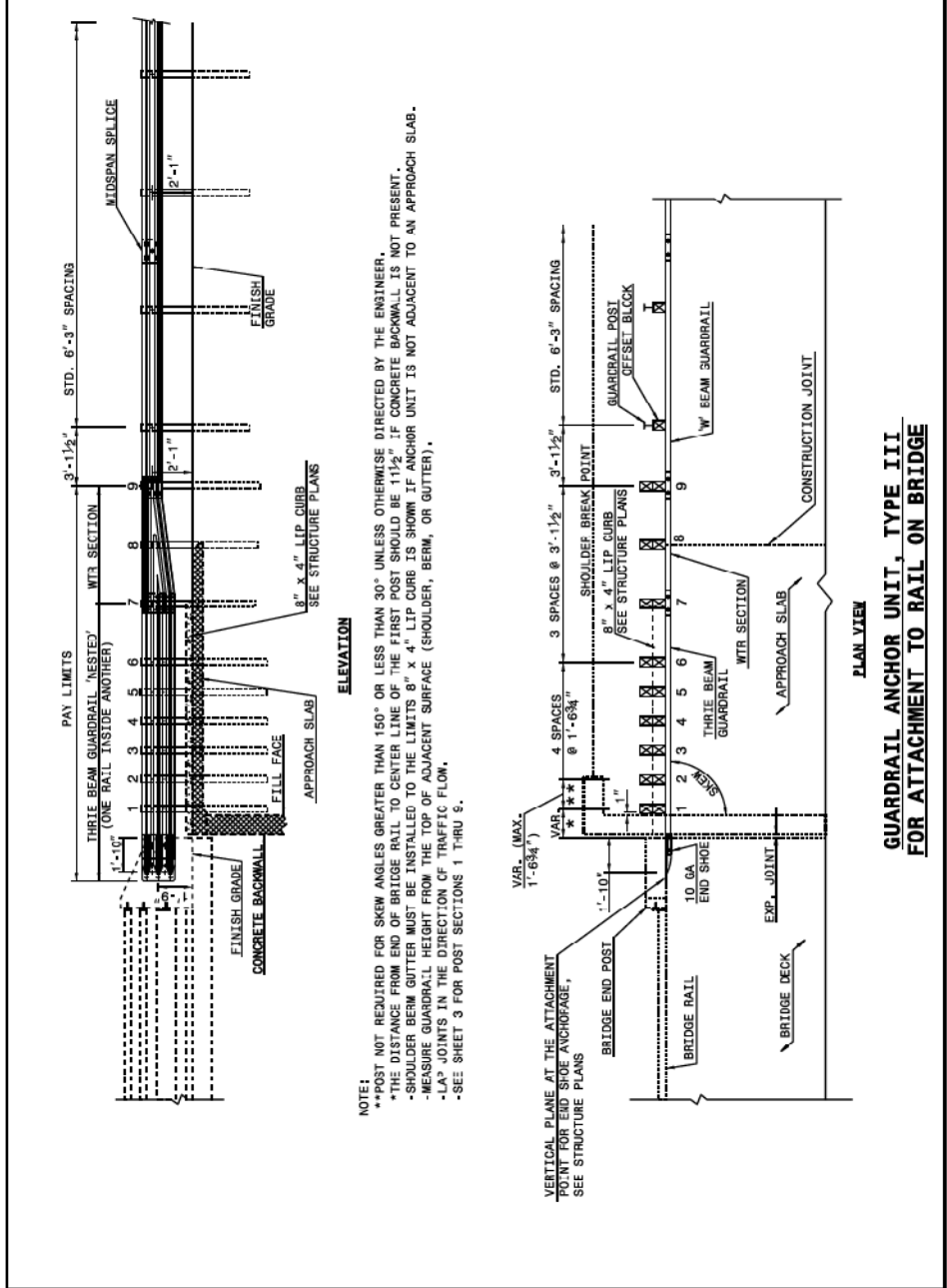
ROADWAY DETAIL DRAWING FOR
STRUCTURE ANCHOR UNITS
 GUARDRAIL ANCHOR UNIT, TYPE III
 FOR ATTACHMENT TO RAIL ON BRIDGE

SHEET 1 OF 7
862D03

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

ROADWAY DETAIL DRAWING FOR
STRUCTURE ANCHOR UNITS
 GUARDRAIL ANCHOR UNIT, TYPE III
 FOR ATTACHMENT TO RAIL ON BRIDGE

SHEET 1 OF 7
862D03



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

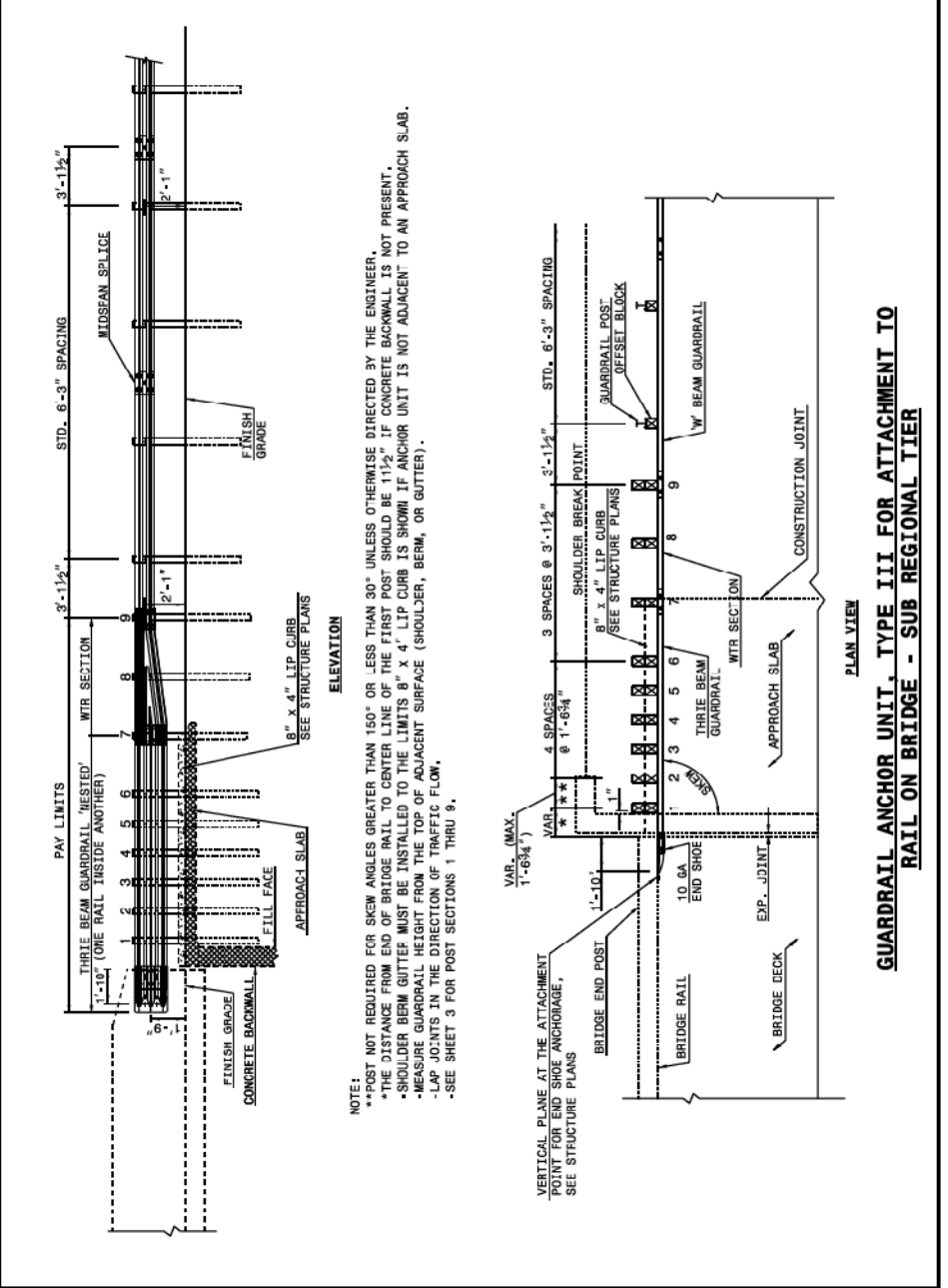
ROADWAY DETAIL DRAWING FOR
STRUCTURE ANCHOR UNITS
 GUARDRAIL ANCHOR UNIT, TYPE III FOR ATTACHMENT TO
 RAIL ON BRIDGE - SUB REGIONAL TIER

SHEET 2 OF 7
862D03

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

ROADWAY DETAIL DRAWING FOR
STRUCTURE ANCHOR UNITS
 GUARDRAIL ANCHOR UNIT, TYPE III FOR ATTACHMENT TO
 RAIL ON BRIDGE - SUB REGIONAL TIER

SHEET 2 OF 7
862D03



DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

**CONTRACT STANDARDS
 AND DEVELOPMENT UNIT**
 Office 919-707-6950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: J.HOWERTON DATE: 06-22-12
 MODIFIED BY: DATE:
 CHECKED BY: DATE:
 FILE SPEC: 1



ROADWAY DESIGN
 ENGINEER

PROFESSIONAL
 SEAL
 034357
 ENGINEER
 NORTH CAROLINA

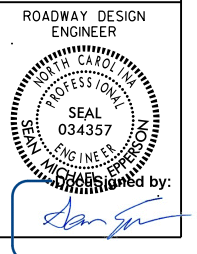
Approved by:

A92E75CC0FFB43E

PROJECT NO.	SHEET NO.
44856.3.8	2G
F.A. PROJECT NO. HSP-0074(224)	

RCION US 74
 AT CAMDEN ST.(SR-1733)

SCALE	N/A	REVISIONS
DATE	2-2021	
DWG. BY	JCB	
DESIGN BY	JCB	
APPROVED	JDH	



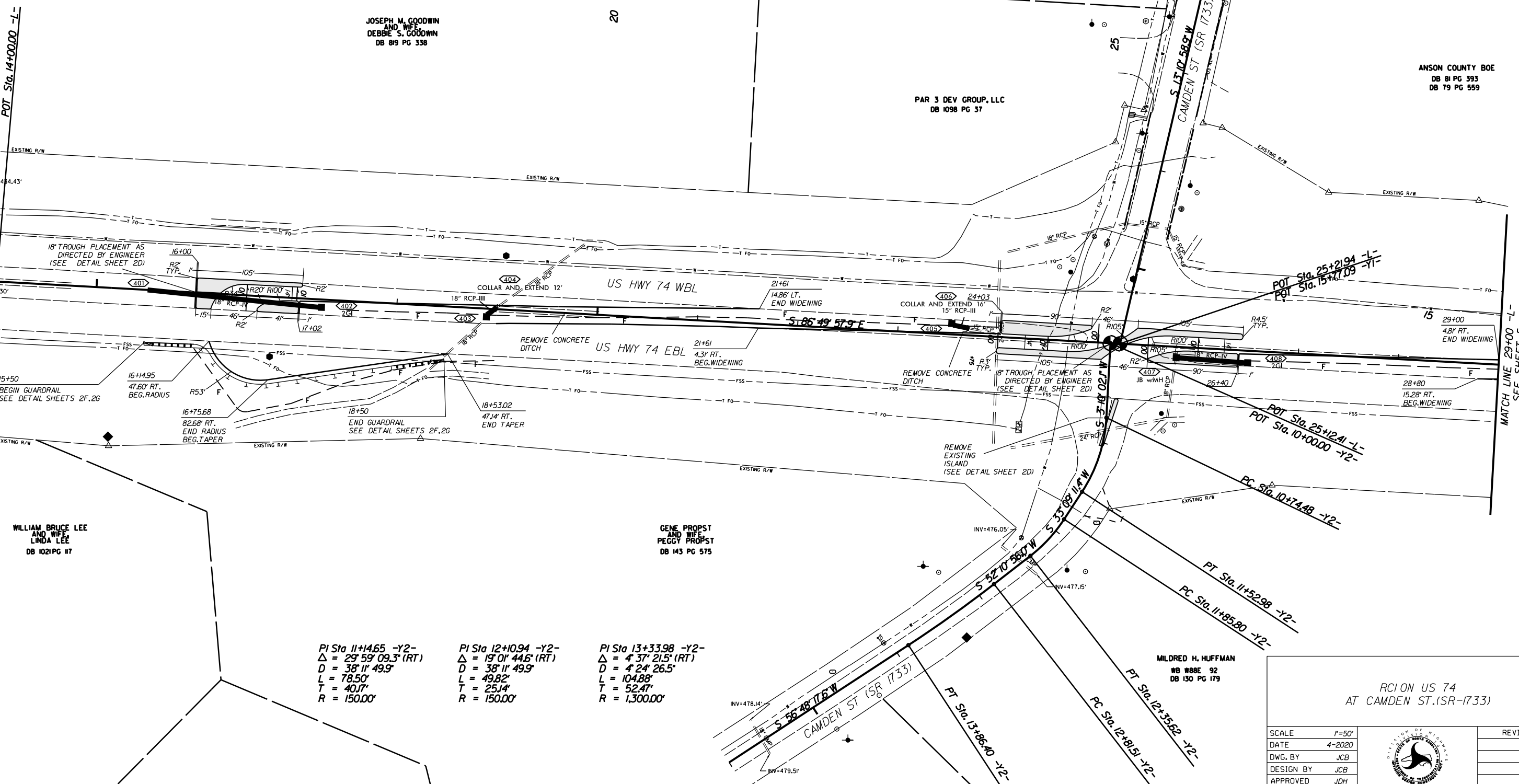
A92E75CC0FFB43B

ANSON COUNTY BOE
DB 81 PG 393
DB 79 PG 559

LARRY W. ADAMS
DB 802 PG 283

JOSEPH M. GOODWIN
AND WIFE
DEBBIE S. GOODWIN
DB 819 PG 338

PAR 3 DEV GROUP, LLC
DB 1098 PG 37



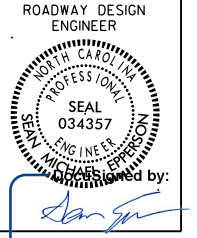
<p>PI Sta 11+1465 -Y2- Δ = 29° 59' 09.3" (RT) D = 38' 11" 49.9" L = 78.50' T = 40.17' R = 150.00'</p>	<p>PI Sta 12+10.94 -Y2- Δ = 19° 01' 44.6" (RT) D = 38' 11" 49.9" L = 49.82' T = 25.14' R = 150.00'</p>	<p>PI Sta 13+33.98 -Y2- Δ = 4° 37' 21.5" (RT) D = 4° 24' 26.5" L = 104.88' T = 52.47' R = 1,300.00'</p>
---	--	---

MILDRED H. HUFFMAN
WB 888E 92
DB 130 PG 179

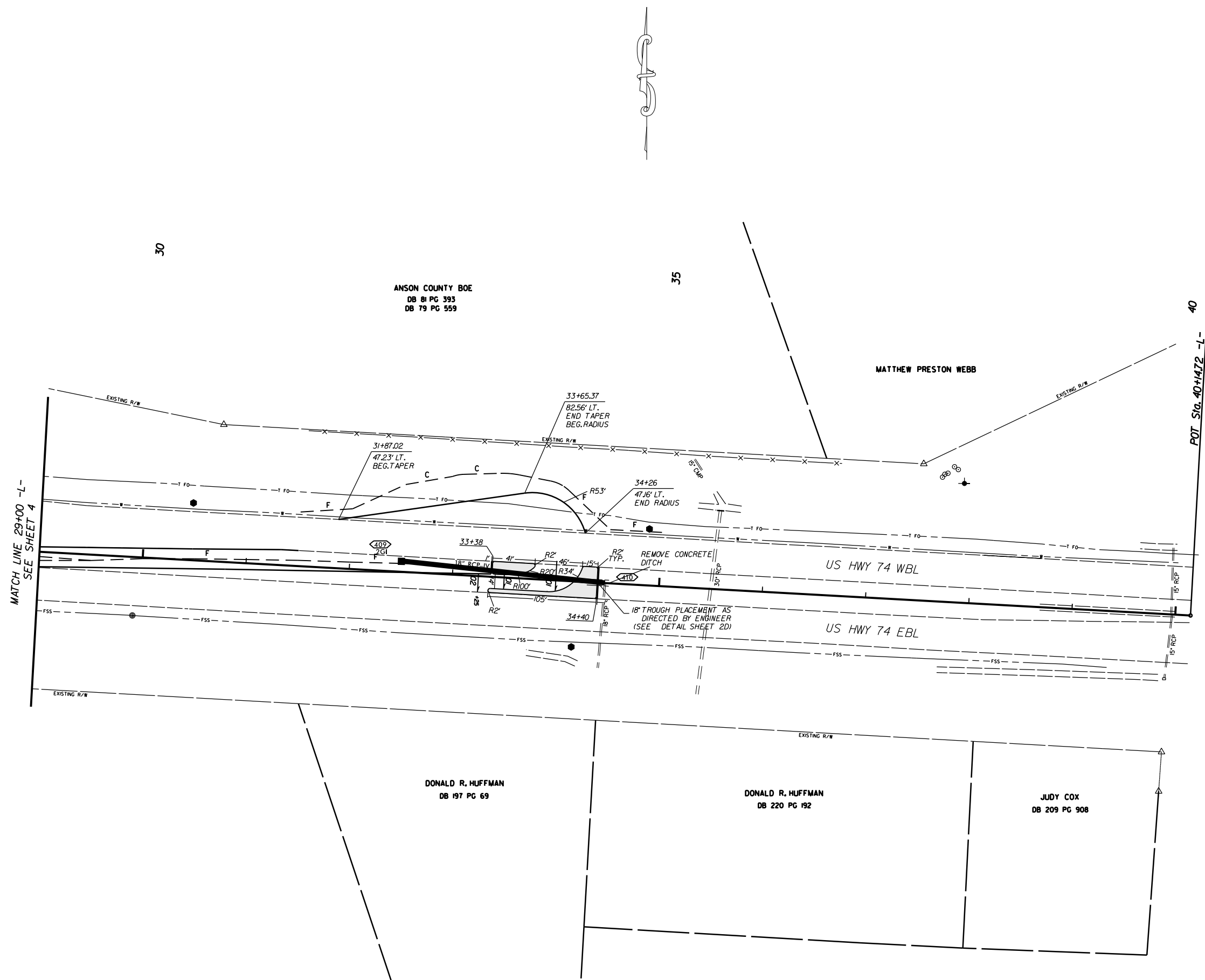
RCION US 74
AT CAMDEN ST. (SR-1733)

SCALE	r=50'		<table border="1"> <tr><th colspan="2">REVISIONS</th></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	REVISIONS									
REVISIONS													
DATE	4-2020												
DWG. BY	JCB												
DESIGN BY	JCB												
APPROVED	JDH												

PROJECT NO.	SHEET NO.
44856.3.38	5
F.A. PROJECT NO. HSIP-0074(224)	



Assigned by:
A92E75CC0FFB43B



MATCH LINE 29+00 -L-
SEE SHEET 4

POT Sta. 40+1472 -L-

RCION US 74
AT CAMDEN ST. (SR-1733)

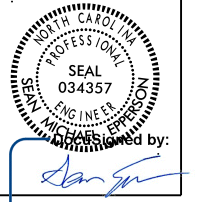
SCALE	r=50'
DATE	4-2020
DWG. BY	JCB
DESIGN BY	JCB
APPROVED	JDH



REVISIONS	

PROJECT NO.	SHEET NO.
44856.3.38	6
F.A. PROJECT NO. HSIP-0074(224)	

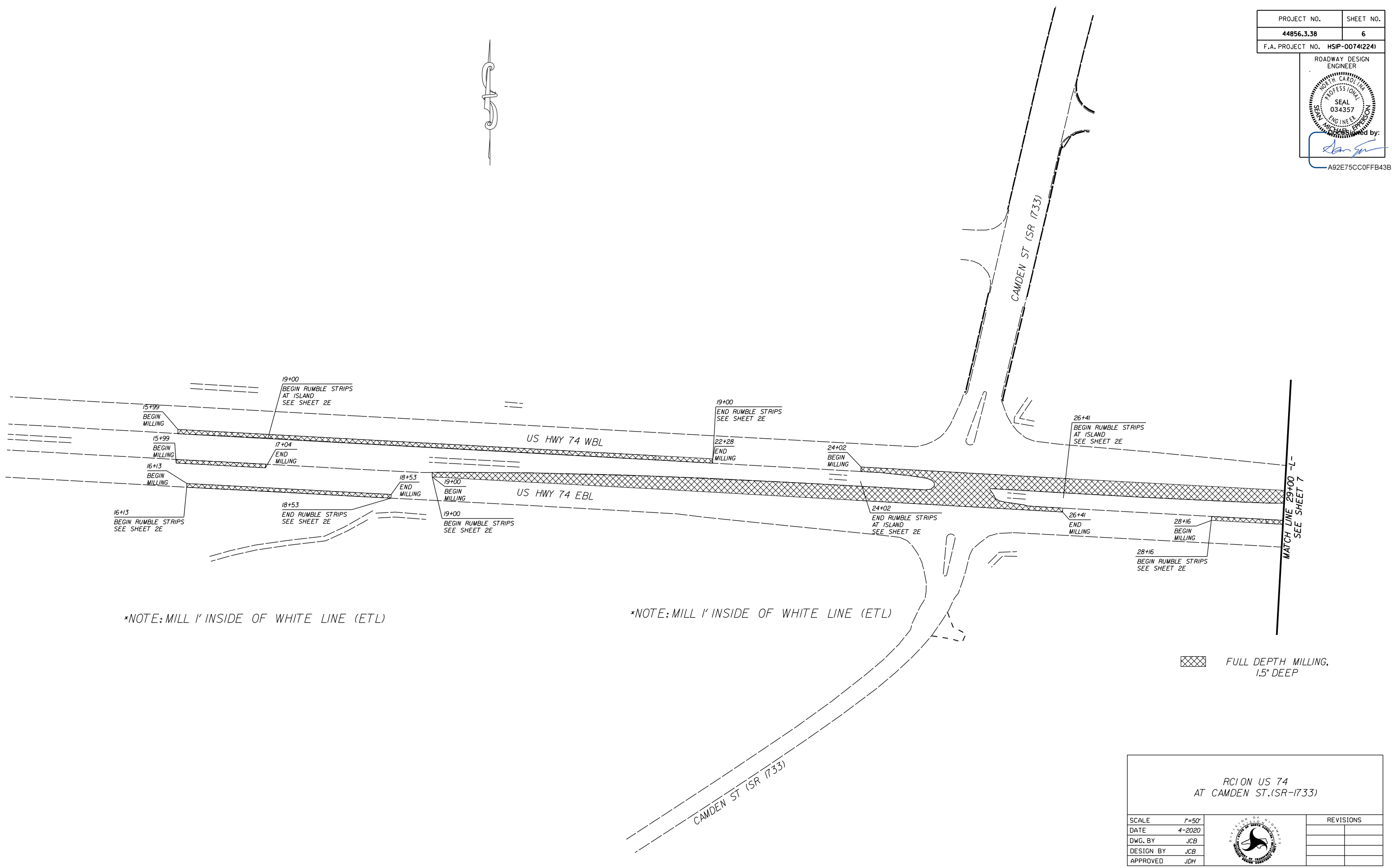
ROADWAY DESIGN ENGINEER




SEAL 034357

Signature: Dan J. Hines

A92E75CC0FFB43B

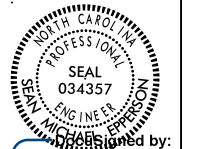


RCION US 74
AT CAMDEN ST.(SR-1733)

SCALE	1"=50'		REVISIONS
DATE	4-2020		
DWG. BY	JCB		
DESIGN BY	JCB		
APPROVED	JDH		

PROJECT NO.	SHEET NO.
44856.3.38	7
F.A. PROJECT NO. HSIP-0074(224)	

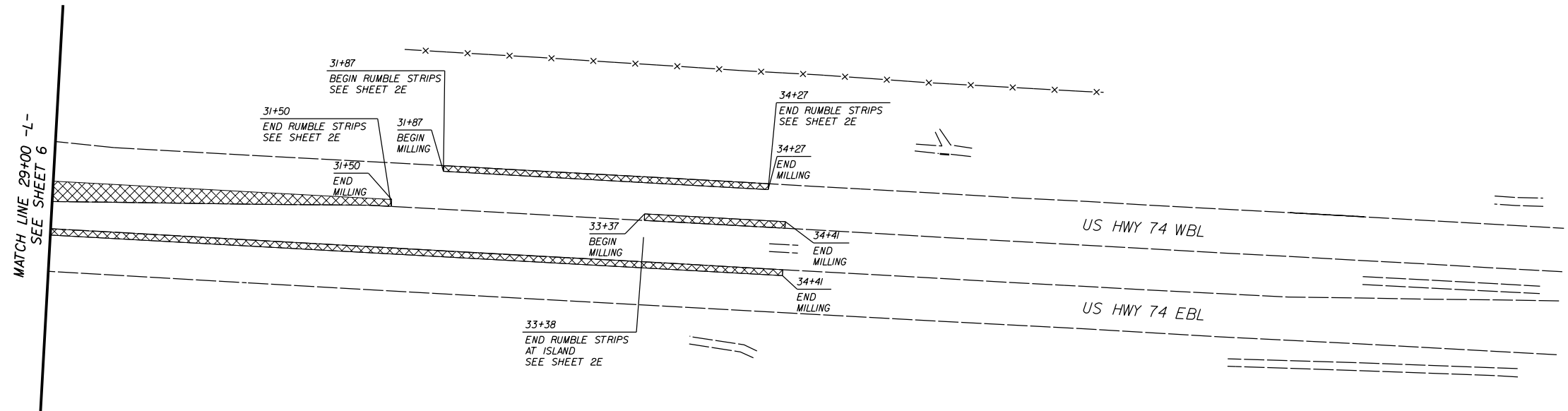
ROADWAY DESIGN
ENGINEER



Seal No. 034357

DESIGNED BY:
[Signature]

A92E75CC0FFB43B



*NOTE: MILL 1' INSIDE OF WHITE LINE (ETL)

 FULL DEPTH MILLING,
1.5" DEEP

SECTION US 74
AT CAMDEN ST. (SR-1733)

SCALE	1"=50'
DATE	4-2020
DWG. BY	JCB
DESIGN BY	JCB
APPROVED	JDH



REVISIONS	

TIP PROJECT: W-5710AJ

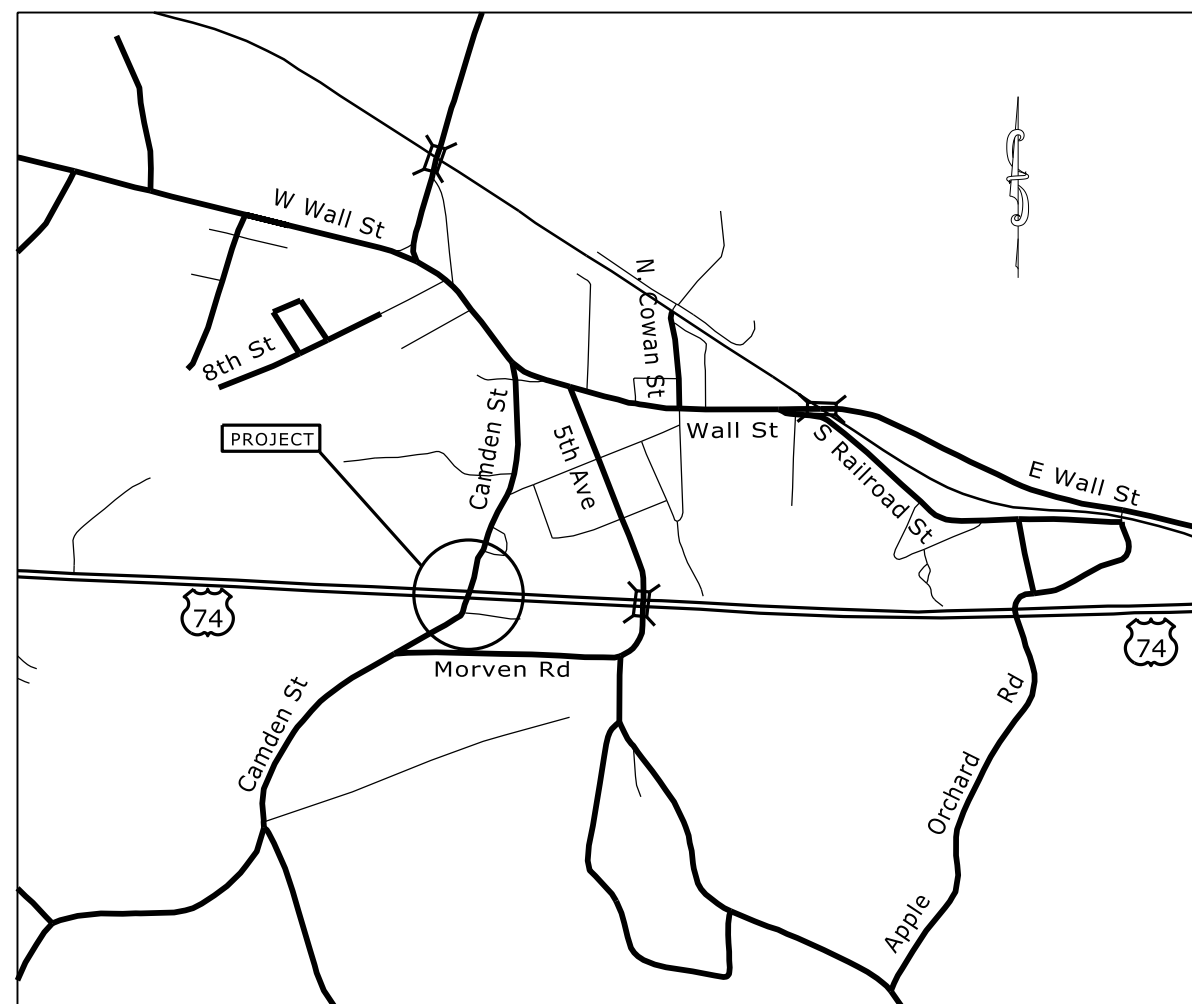
STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
 PLAN FOR PROPOSED
 HIGHWAY EROSION CONTROL

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5710AJ	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
44856.1.38	HSIP-0074(224)	P.E.	
44856.2.38	HSIP-0074(224)	R/W	
44856.3.38	HSIP-0074(224)	CONST.	

EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
1630.03	Temporary Silt Ditch	---
1630.05	Temporary Diversion	TD
1605.01	Temporary Silt Fence	
1606.01	Special Sediment Control Fence	
1622.01	Temporary Berms and Slope Drains	T
1630.02	Silt Basin Type B	▨
1633.01	Temporary Rock Silt Check Type-A	▨
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)	▨
1633.02	Temporary Rock Silt Check Type-B	▨
	Wattle / Coir Fiber Wattle	~
	Wattle / Coir Fiber Wattle with Polyacrylamide (PAM)	~
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	U
1635.02	Rock Pipe Inlet Sediment Trap Type-B	U
1630.04	Stilling Basin	▭
1630.06	Special Stilling Basin	▭
	Rock Inlet Sediment Trap:	
1632.01	Type A	A
1632.02	Type B	B
1632.03	Type C	C
	Skimmer Basin	▭
	Tiered Skimmer Basin	▭
	Infiltration Basin	▭

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



VICINITY MAP NOT TO SCALE

INSTALL PERIMETER EROSION CONTROL MEASURES DURING INITIAL CLEARING PHASE

GRAPHIC SCALE

0

PLANS

0

PROFILE (HORIZONTAL)

0

PROFILE (VERTICAL)

ROADSIDE ENVIRONMENTAL UNIT
 DIVISION OF HIGHWAYS
 STATE OF NORTH CAROLINA

THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY
 WITH THE REGULATIONS SET FORTH BY THE
 NCG-010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE APRIL 1, 2019
 ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND
 NATURAL RESOURCES DIVISION OF WATER QUALITY.

Prepared In the Office of:
DDC UNIT DIVISION 10
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

2018 STANDARD SPECIFICATIONS

Designed by:
CHAD BURRIS 3809
 NAME LEVEL III CERTIFICATION NO.

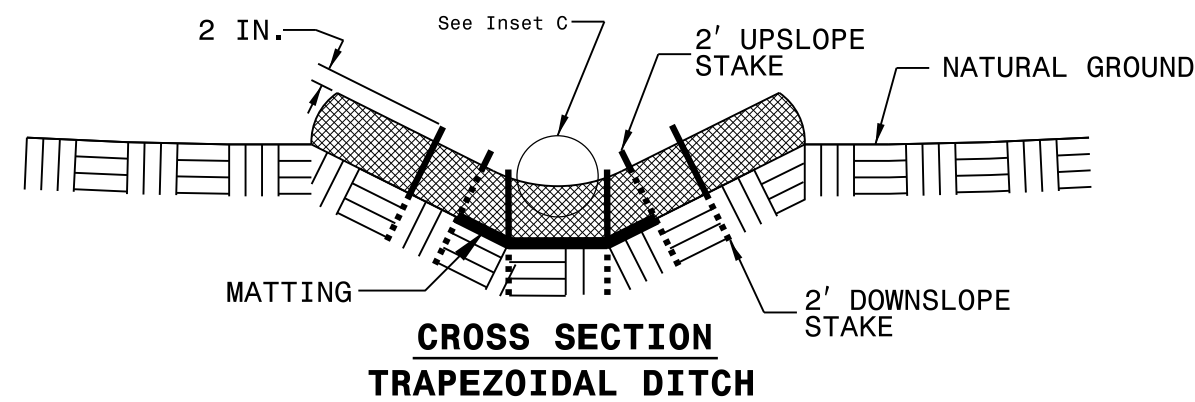
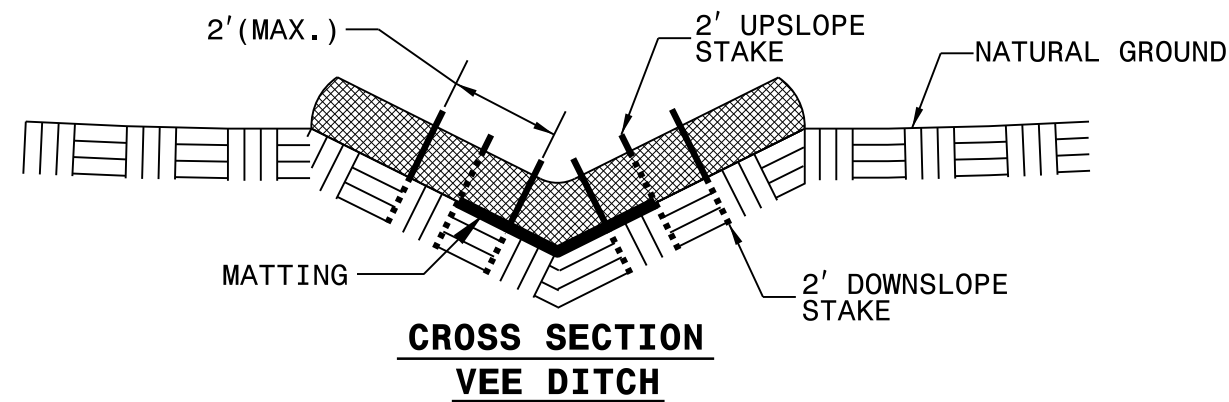
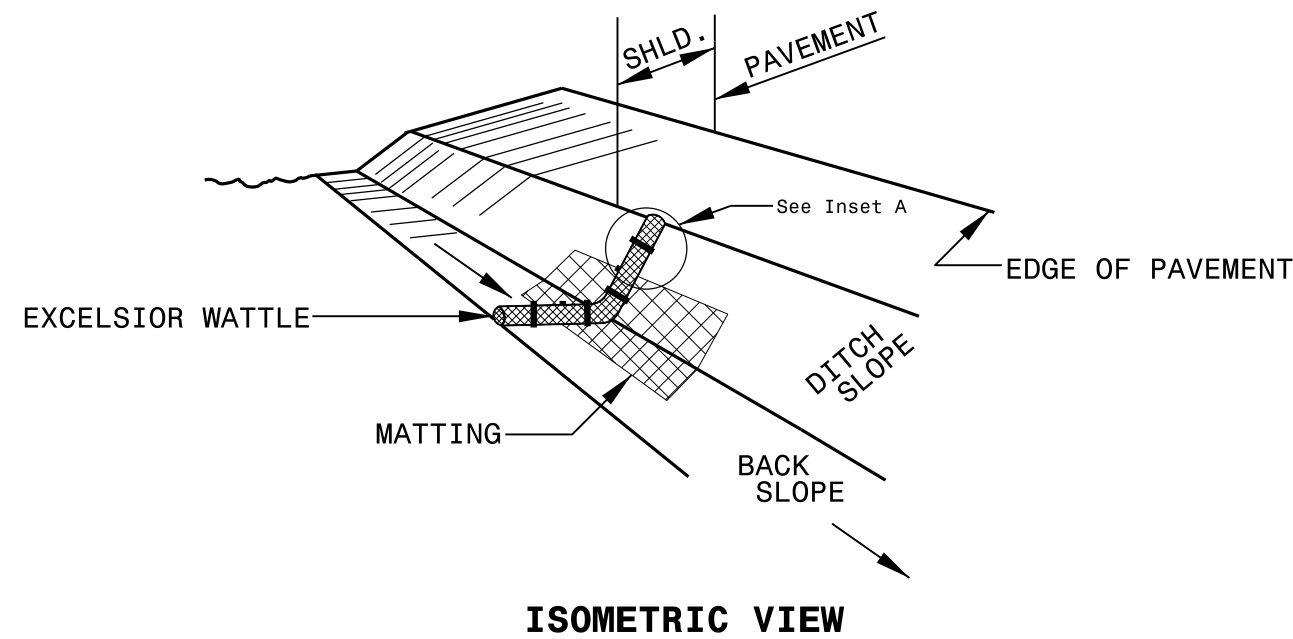
Roadway Standard Drawings

The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2018 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

1604.01 Railroad Erosion Control Detail	1632.01 Rock Inlet Sediment Trap Type A
1605.01 Temporary Silt Fence	1632.02 Rock Inlet Sediment Trap Type J
1606.01 Special Sediment Control Fence	1632.03 Rock Inlet Sediment Trap Type C
1607.01 Gravel Construction Entrance	1633.01 Temporary Rock Silt Check Type A
1622.01 Temporary Berms and Slope Drains	1633.02 Temporary Rock Silt Check Type J
1630.01 Riser Basin	1634.01 Temporary Rock Sediment Dam Type A
1630.02 Silt Basin Type J	1634.02 Temporary Rock Sediment Dam Type J
1630.03 Temporary Silt Ditch	1635.01 Rock Pipe Inlet Sediment Trap Type A
1630.04 Stilling Basin	1635.02 Rock Pipe Inlet Sediment Trap Type J
1630.05 Temporary Diversion	1640.01 Coir Fiber Jaffle
1630.06 Special Stilling Basin	1645.01 Temporary Stream Crossing
1631.01 Matting Installation	

N:\W-5710AJ\US-74\2018\1654...
 Job: 1654...
 At: B:\MIS\313137\p\station\W-5710AJ_US_74_Camden.eco.tsh.dgn

WATTLE WITH POLYACRYLAMIDE (PAM) DETAIL



NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.

ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

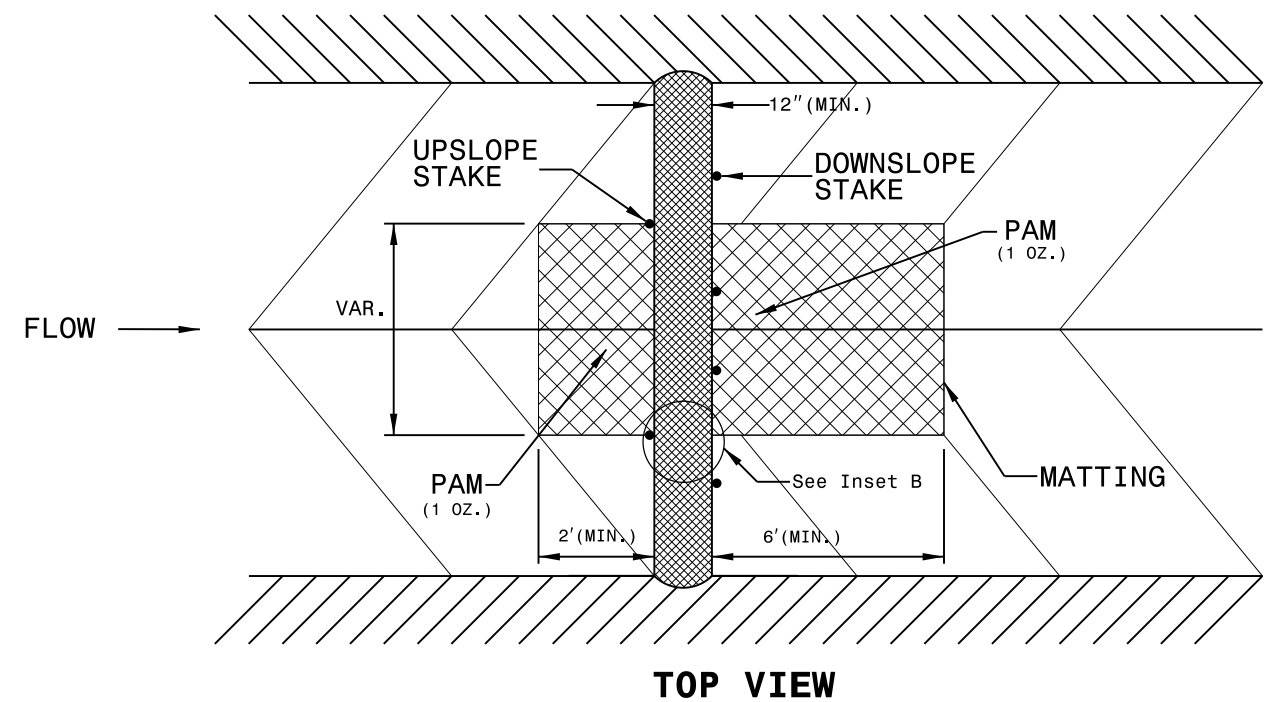
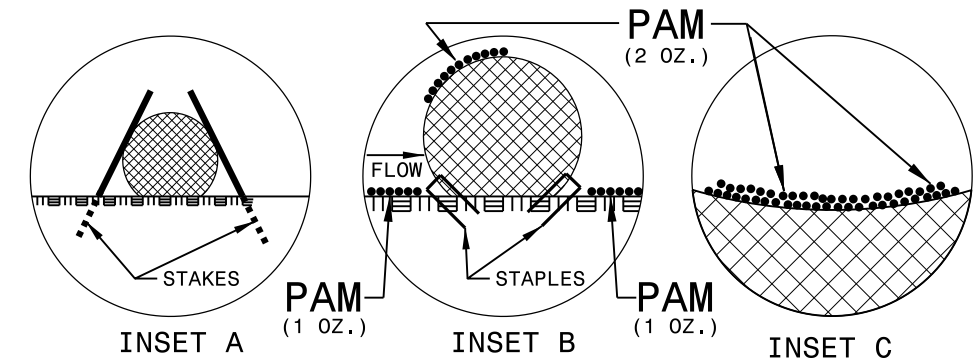
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.

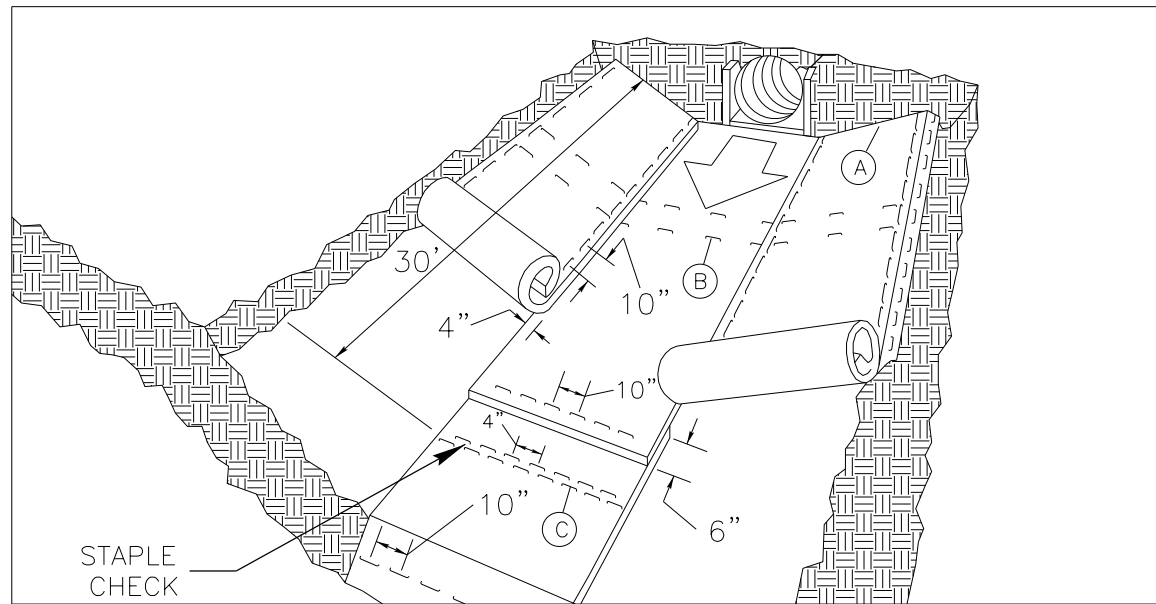
PRIOR TO POLYACRYLAMIDE (PAM) APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE PAM FLOCCULANT TO BE APPLIED TO EACH WATTLE.

INITIALLY APPLY 2 OUNCES OF ANIONIC OR NEUTRALLY CHARGED PAM OVER WATTLE WHERE WATER WILL FLOW AND 1 OUNCE OF PAM ON MATTING ON EACH SIDE OF WATTLE. REAPPLY PAM AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.



PROJECT REFERENCE NO. 44856.3.38	SHEET NO. EC-2A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

MATTING INSTALLATION DETAIL



MATTING IN DITCHES

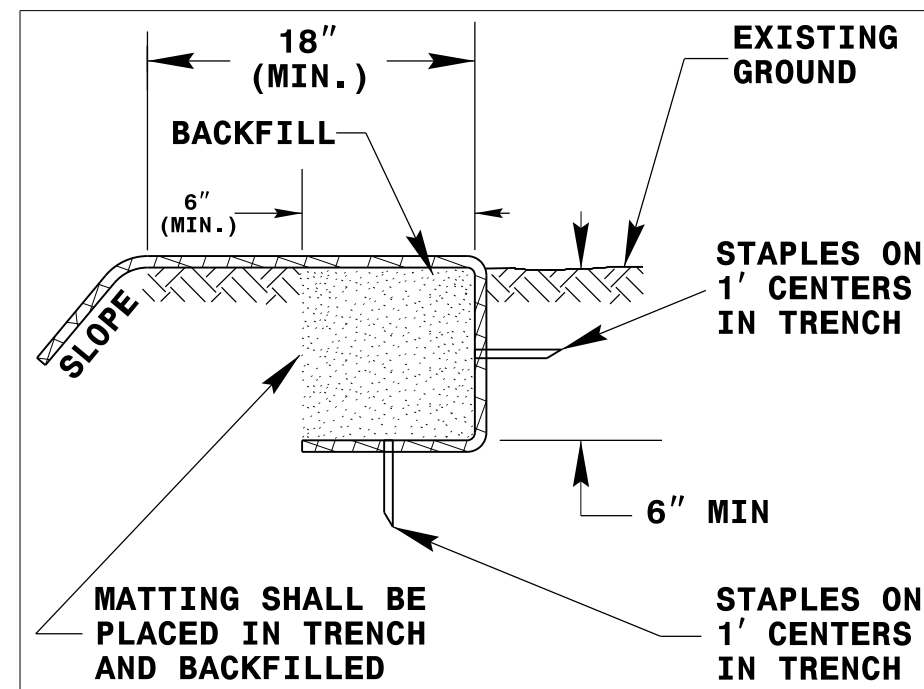
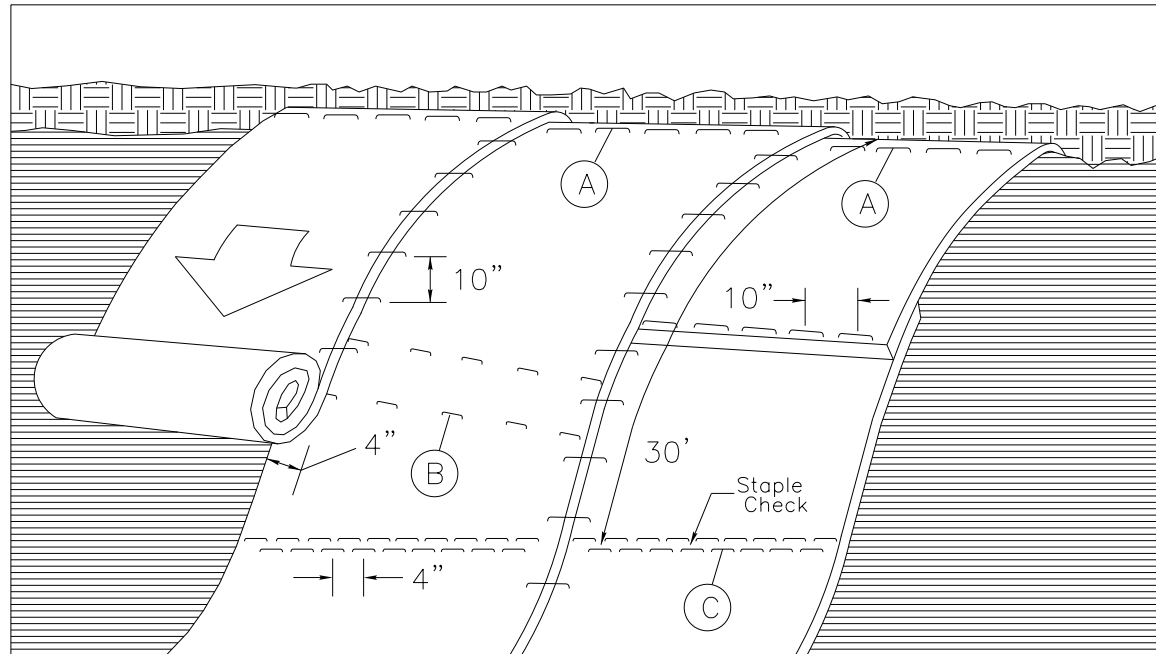


DIAGRAM (A)



MATTING ON SLOPES

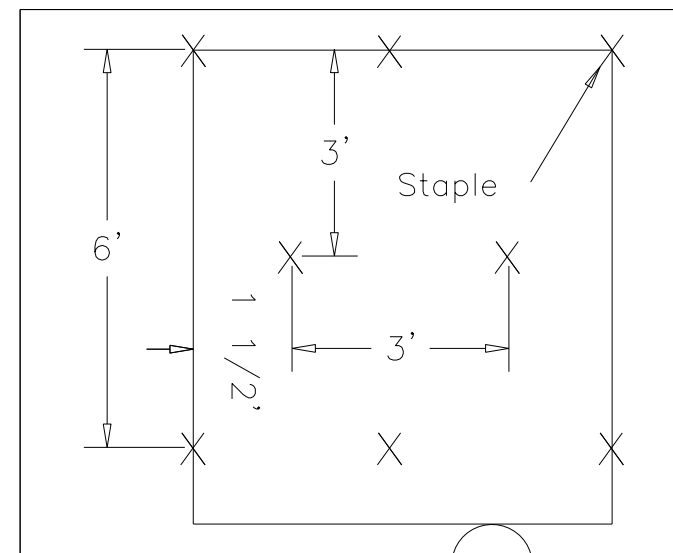


DIAGRAM (B)

Staple Check Pattern

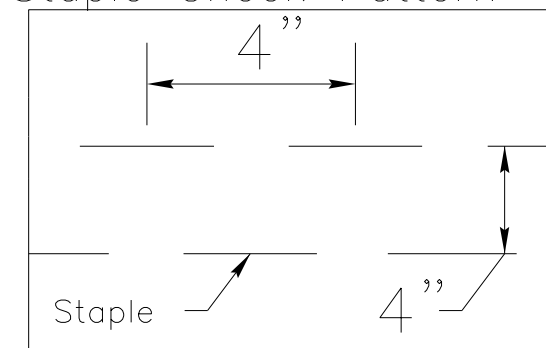


DIAGRAM (C)

NOTES:

THIS DETAIL APPLIES TO STRAW, EXCELSIOR, AND PERMANENT SOIL REINFORCEMENT MAT (PSRM) INSTALLATION.

STAPLES SHALL BE NO. 11 GAUGE STEEL WIRE FORMED INTO A "U" SHAPE WITH A MINIMUM THROAT WIDTH OF 1 INCH AND NOT LESS THAN 6 INCHES IN LENGTH.

NOT TO SCALE

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO. 44856.3.28	SHEET NO. EC-3
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SOIL STABILIZATION TIMEFRAMES

<i>SITE DESCRIPTION</i>	<i>STABILIZATION TIME</i>	<i>TIMEFRAME EXCEPTIONS</i>
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HOW) 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 HOW ZONES.

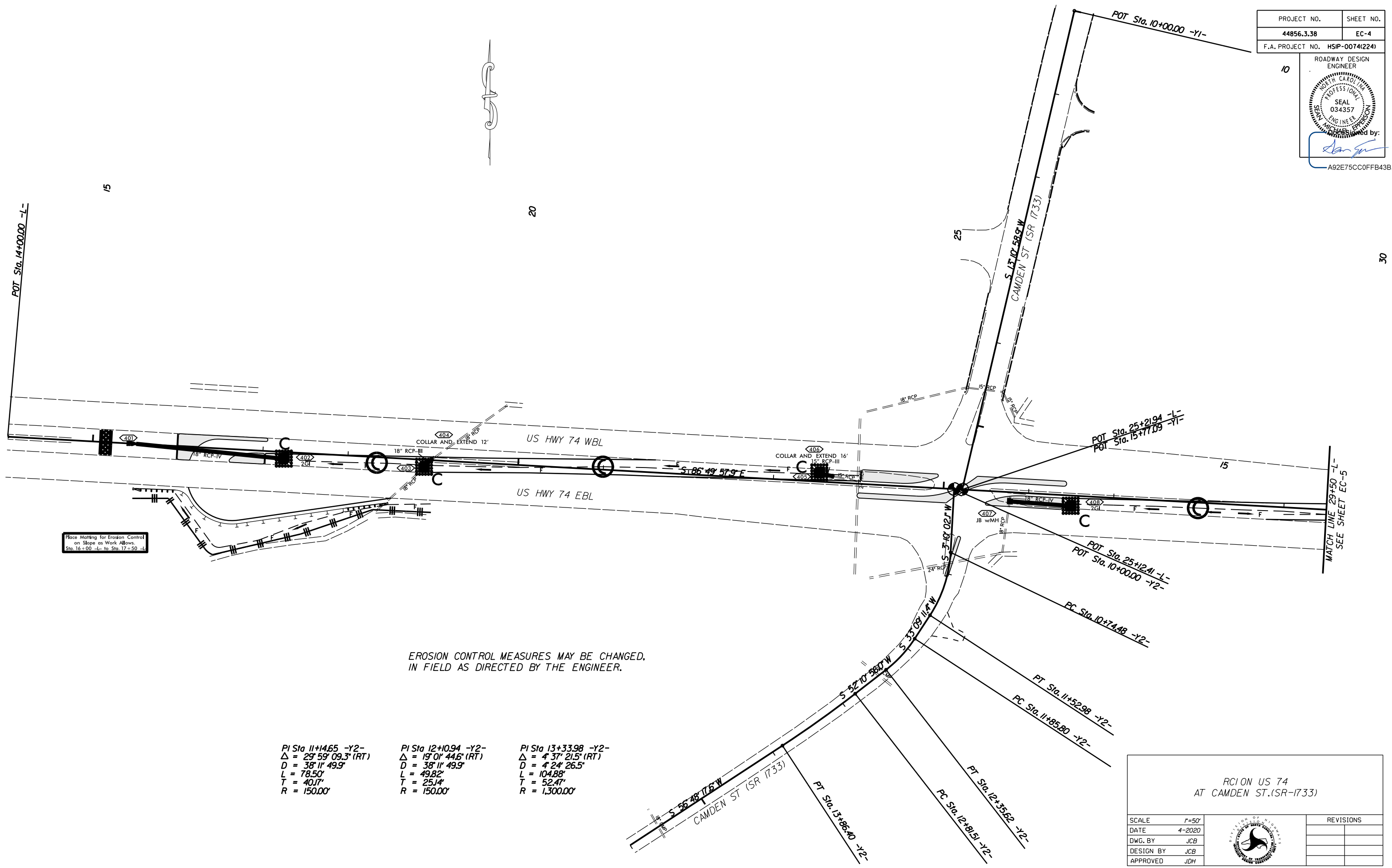
PROJECT NO.	SHEET NO.
44856.3.38	EC-4
F.A. PROJECT NO. HSIP-0074(224)	

10

ROADWAY DESIGN ENGINEER

DESIGNED BY:
Dan J. Smith

A92E75CC0FFB43B



EROSION CONTROL MEASURES MAY BE CHANGED,
IN FIELD AS DIRECTED BY THE ENGINEER.

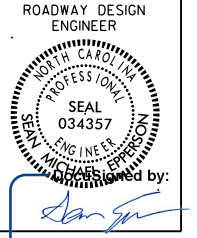
PI Sta 11+14.65 -Y2-	PI Sta 12+10.94 -Y2-	PI Sta 13+33.98 -Y2-
$\Delta = 29^{\circ} 59' 09.3''$ (RT)	$\Delta = 19^{\circ} 01' 44.6''$ (RT)	$\Delta = 4^{\circ} 37' 21.5''$ (RT)
D = 38.11' 49.9'	D = 38.11' 49.9'	D = 4' 24' 26.5"
L = 78.50'	L = 49.82'	L = 104.88'
T = 40.17'	T = 25.14'	T = 52.47'
R = 150.00'	R = 150.00'	R = 1,300.00'

Place Malleting for Erosion Control
on Slope as Work Allows.
Sta. 16+00 -L- to Sta. 17+50 -L-

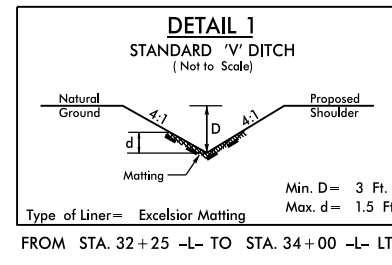
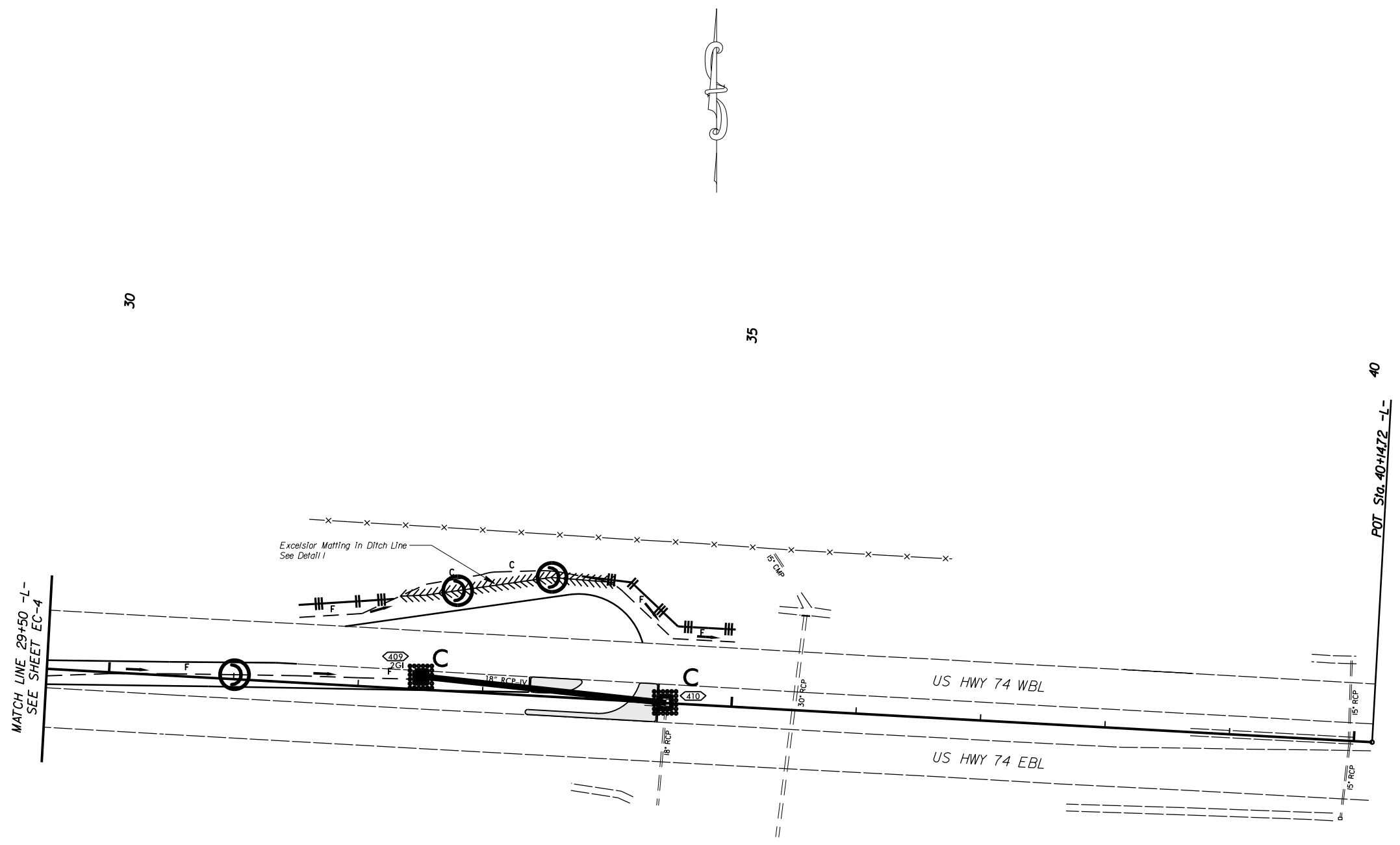
RCION US 74
AT CAMDEN ST.(SR-1733)

SCALE	1"=50'		REVISIONS
DATE	4-2020		
DWG. BY	JCB		
DESIGN BY	JCB		
APPROVED	JDH		

PROJECT NO.	SHEET NO.
44856.3.38	EC-5
F.A. PROJECT NO. HSIP-0074(224)	



A92E75CC0FFB43B



EROSION CONTROL MEASURES MAY BE CHANGED,
IN FIELD AS DIRECTED BY THE ENGINEER.

RCION US 74 AT CAMDEN ST. (SR-1733)			REVISIONS	
SCALE	r=50'			
DATE	4-2020			
DWG. BY	JCB			
DESIGN BY	JCB			
APPROVED	JDH			

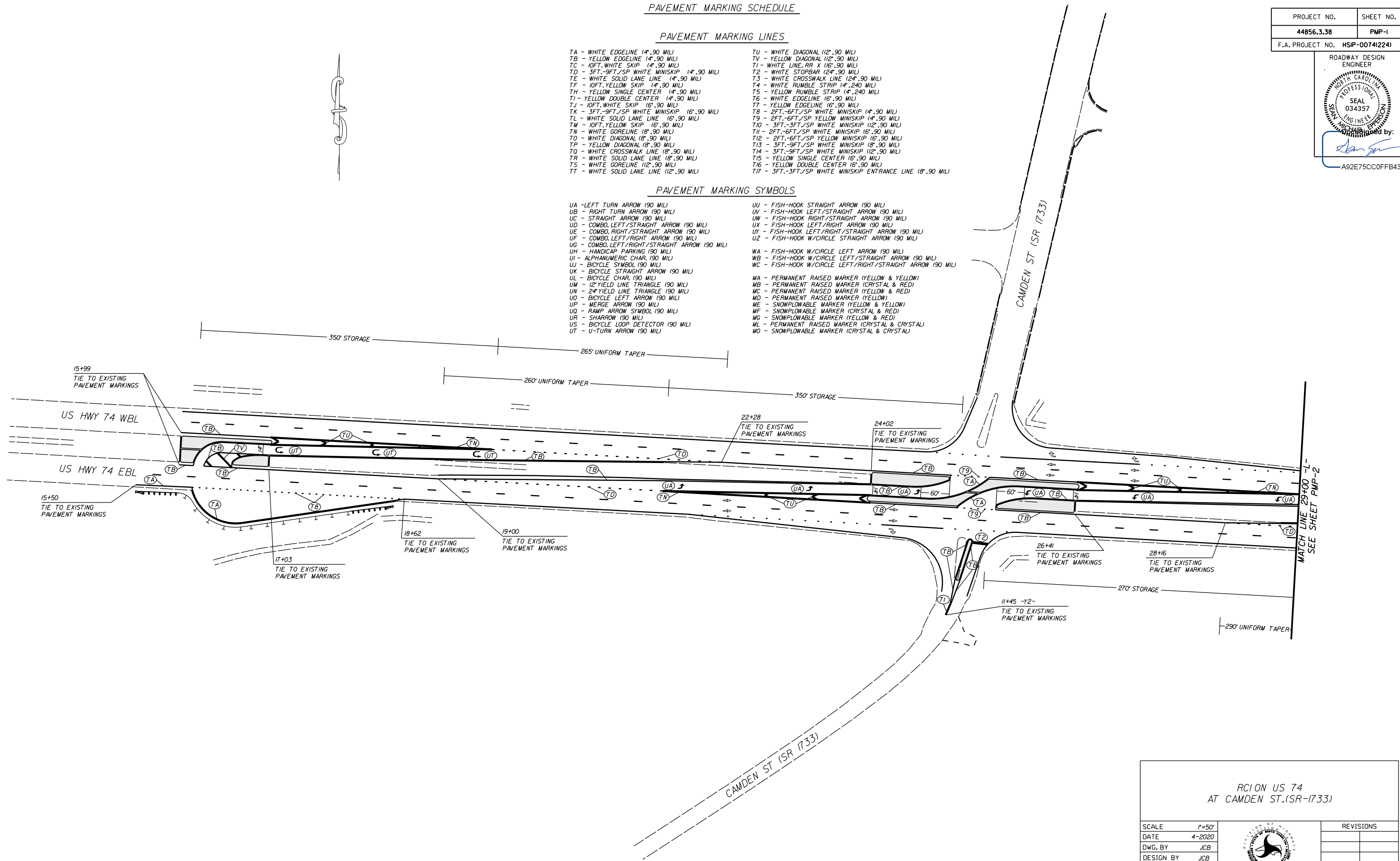
PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING LINES

- | | |
|---|--|
| TA - WHITE EDGELINE (4'.90 MIL) | TU - WHITE DIAGONAL (12'.90 MIL) |
| TB - YELLOW EDGELINE (4'.90 MIL) | TV - YELLOW DIAGONAL (12'.90 MIL) |
| TC - 10FT. WHITE SKIP (4'.90 MIL) | T1 - WHITE LINE, RR X (16'.90 MIL) |
| TD - 3FT.-9FT./SP WHITE MINISKIP (4'.90 MIL) | T2 - WHITE STOPBAR (24'.90 MIL) |
| TE - WHITE SOLID LANE LINE (4'.90 MIL) | T3 - WHITE CROSSWALK LINE (24'.90 MIL) |
| TF - 10FT. YELLOW SKIP (4'.90 MIL) | T4 - WHITE RUMBLE STRIP (4'.240 MIL) |
| TH - YELLOW SINGLE CENTER (4'.90 MIL) | T5 - YELLOW RUMBLE STRIP (4'.240 MIL) |
| TI - YELLOW DOUBLE CENTER (4'.90 MIL) | T6 - WHITE EDGELINE (16'.90 MIL) |
| TJ - 10FT. WHITE SKIP (16'.90 MIL) | T7 - YELLOW EDGELINE (16'.90 MIL) |
| TK - 3FT.-9FT./SP WHITE MINISKIP (16'.90 MIL) | T8 - 2FT.-6FT./SP WHITE MINISKIP (4'.90 MIL) |
| TL - WHITE SOLID LANE LINE (16'.90 MIL) | T9 - 2FT.-6FT./SP YELLOW MINISKIP (4'.90 MIL) |
| TM - 10FT. YELLOW SKIP (16'.90 MIL) | T10 - 3FT.-9FT./SP WHITE MINISKIP (12'.90 MIL) |
| TN - WHITE GORELINE (8'.90 MIL) | T11 - 2FT.-6FT./SP WHITE MINISKIP (16'.90 MIL) |
| TO - WHITE DIAGONAL (8'.90 MIL) | T12 - 2FT.-6FT./SP YELLOW MINISKIP (16'.90 MIL) |
| TP - YELLOW DIAGONAL (8'.90 MIL) | T13 - 3FT.-9FT./SP WHITE MINISKIP (8'.90 MIL) |
| TQ - WHITE CROSSWALK LINE (8'.90 MIL) | T14 - 3FT.-9FT./SP WHITE MINISKIP (12'.90 MIL) |
| TR - WHITE SOLID LANE LINE (8'.90 MIL) | T15 - YELLOW SINGLE CENTER (16'.90 MIL) |
| TS - WHITE GORELINE (12'.90 MIL) | T16 - YELLOW DOUBLE CENTER (16'.90 MIL) |
| TT - WHITE SOLID LANE LINE (12'.90 MIL) | T17 - 3FT.-3FT./SP WHITE MINISKIP ENTRANCE LINE (18'.90 MIL) |

PAVEMENT MARKING SYMBOLS

- | | |
|--|--|
| UA - LEFT TURN ARROW (90 MIL) | UU - FISH-HOOK STRAIGHT ARROW (90 MIL) |
| UB - RIGHT TURN ARROW (90 MIL) | UV - FISH-HOOK LEFT/STRAIGHT ARROW (90 MIL) |
| UC - STRAIGHT ARROW (90 MIL) | UW - FISH-HOOK RIGHT/STRAIGHT ARROW (90 MIL) |
| UD - COMBO. LEFT/STRAIGHT ARROW (90 MIL) | UX - FISH-HOOK LEFT/RIGHT ARROW (90 MIL) |
| UE - COMBO. RIGHT/STRAIGHT ARROW (90 MIL) | UY - FISH-HOOK LEFT/RIGHT/STRAIGHT ARROW (90 MIL) |
| UF - COMBO. LEFT/RIGHT ARROW (90 MIL) | UZ - FISH-HOOK W/CIRCLE STRAIGHT ARROW (90 MIL) |
| UG - COMBO. LEFT/RIGHT/STRAIGHT ARROW (90 MIL) | |
| UH - HANDICAP PARKING (90 MIL) | WA - FISH-HOOK W/CIRCLE LEFT ARROW (90 MIL) |
| UI - ALPHANUMERIC CHAR. (90 MIL) | WB - FISH-HOOK W/CIRCLE LEFT/STRAIGHT ARROW (90 MIL) |
| UJ - BICYCLE SYMBOL (90 MIL) | WC - FISH-HOOK W/CIRCLE LEFT/RIGHT/STRAIGHT ARROW (90 MIL) |
| UK - BICYCLE STRAIGHT ARROW (90 MIL) | |
| UL - BICYCLE CHAR. (90 MIL) | MA - PERMANENT RAISED MARKER (YELLOW & YELLOW) |
| UM - 12" YIELD LINE TRIANGLE (90 MIL) | MB - PERMANENT RAISED MARKER (CRYSTAL & RED) |
| UN - 24" YIELD LINE TRIANGLE (90 MIL) | MC - PERMANENT RAISED MARKER (YELLOW & RED) |
| UO - BICYCLE LEFT ARROW (90 MIL) | MD - PERMANENT RAISED MARKER (YELLOW) |
| UP - MERGE ARROW (90 MIL) | ME - SNOWPLOWABLE MARKER (YELLOW & YELLOW) |
| UQ - RAMP ARROW SYMBOL (90 MIL) | MF - SNOWPLOWABLE MARKER (CRYSTAL & RED) |
| UR - SHARROW (90 MIL) | MG - SNOWPLOWABLE MARKER (YELLOW & RED) |
| US - BICYCLE LOOP DETECTOR (90 MIL) | ML - PERMANENT RAISED MARKER (CRYSTAL & CRYSTAL) |
| UT - U-TURN ARROW (90 MIL) | MO - SNOWPLOWABLE MARKER (CRYSTAL & CRYSTAL) |



PROJECT NO.	SHEET NO.
44856.3.38	PMP-1
F.A. PROJECT NO. HSP-0074(224)	

ROADWAY DESIGN ENGINEER

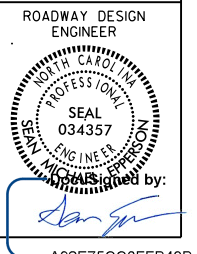
SEAL 034357

DESIGNED BY: Sean J. Carr

A92E75CC0FFB43B

RCION US 74
AT CAMDEN ST.(SR-1733)

SCALE	r=50'		REVISIONS
DATE	4-2020		
DWG. BY	JCB		
DESIGN BY	JCB		
APPROVED	JDH		



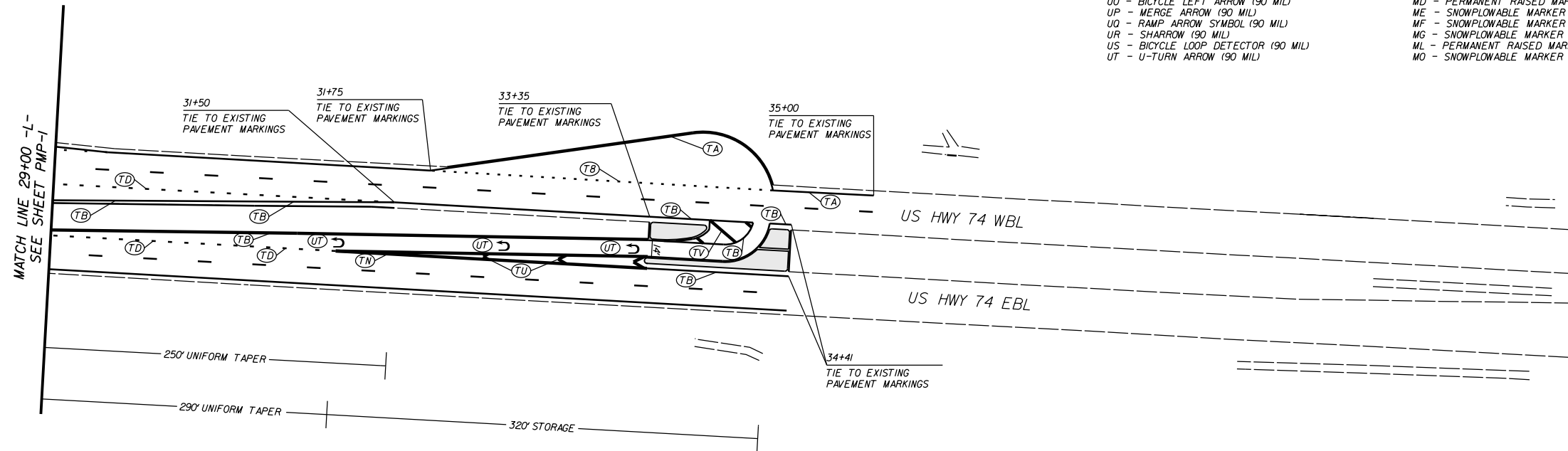
PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING LINES

- | | |
|--|---|
| TA - WHITE EDGELINE (4',90 MIL) | TU - WHITE DIAGONAL (12',90 MIL) |
| TB - YELLOW EDGELINE (4',90 MIL) | TV - YELLOW DIAGONAL (12',90 MIL) |
| TC - 10FT. WHITE SKIP (4',90 MIL) | T1 - WHITE LINE, RR X (16',90 MIL) |
| TD - 3FT.-9FT./SP WHITE MINISKIP (4',90 MIL) | T2 - WHITE STOPBAR (24',90 MIL) |
| TE - WHITE SOLID LANE LINE (4',90 MIL) | T3 - WHITE CROSSWALK LINE (24',90 MIL) |
| TF - 10FT. YELLOW SKIP (4',90 MIL) | T4 - WHITE RUMBLE STRIP (4',240 MIL) |
| TH - YELLOW SINGLE CENTER (4',90 MIL) | T5 - YELLOW RUMBLE STRIP (4',240 MIL) |
| TI - YELLOW DOUBLE CENTER (4',90 MIL) | T6 - WHITE EDGELINE (6',90 MIL) |
| TJ - 10FT. WHITE SKIP (6',90 MIL) | T7 - YELLOW EDGELINE (6',90 MIL) |
| TK - 3FT.-9FT./SP WHITE MINISKIP (6',90 MIL) | T8 - 2FT.-6FT./SP WHITE MINISKIP (4',90 MIL) |
| TL - WHITE SOLID LANE LINE (6',90 MIL) | T9 - 2FT.-6FT./SP YELLOW MINISKIP (4',90 MIL) |
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PAVEMENT MARKING SYMBOLS

- | | |
|--|--|
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| UN - 24" YIELD LINE TRIANGLE (90 MIL) | ME - SNOWPLOWABLE MARKER (YELLOW & YELLOW) |
| UO - BICYCLE LEFT ARROW (90 MIL) | MF - SNOWPLOWABLE MARKER (CRYSTAL & RED) |
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| UR - SHARROW (90 MIL) | MO - SNOWPLOWABLE MARKER (CRYSTAL & CRYSTAL) |
| US - BICYCLE LOOP DETECTOR (90 MIL) | |
| UT - U-TURN ARROW (90 MIL) | |



RCION US 74
AT CAMDEN ST. (SR-1733)

SCALE	r=50'		REVISIONS
DATE	4-2020		
DWG. BY	JCB		
DESIGN BY	JCB		
APPROVED	JDH		

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
ANSON COUNTY**

LOCATION: INTERSECTION OF US 74 AND CAMDEN ST. (SR-1733)

PROJECT REFERENCE NO. W-5710AJ	SHEET NO. SIGN-01
-----------------------------------	----------------------

APPROVED: _____

DATE: _____

SEAL

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

T.I.P.: W-5710AJ

PROJECT: 44856.3.8

PROJECT NOTES

- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL

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 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
901.50	ARROWS AND SHIELDS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS
910.30	SIGNING SIGNALIZED AND UNSIGNALIZED SUPERSTREET

GENERAL NOTES

- . SIGNS FURNISHED BY STATE
- . CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- . ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- . 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 NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER
- . ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- . THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.
- . SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

SUMMARY OF QUANTITIES

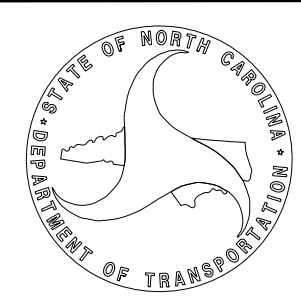
ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	550	L.F.
4096000000	904	SIGN ERECTION, TYPE D	1	EA.
4102000000	904	SIGN ERECTION, TYPE E	35	EA.
4108000000	904	SIGN ERECTION, TYPE F	6	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	31	EA.

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2 & 2A	E AND F SHEETS
SIGN-3	SIGN DESIGNS
SIGN-4-5	SIGNING PLAN SHEETS

PLAN PREPARED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

K. L. JORDAN SIGNING & DELINEATION REGIONAL ENGINEER
 J. G. MARTINEZ, PE SIGNING & DELINEATION PROJECT DESIGN ENGINEER



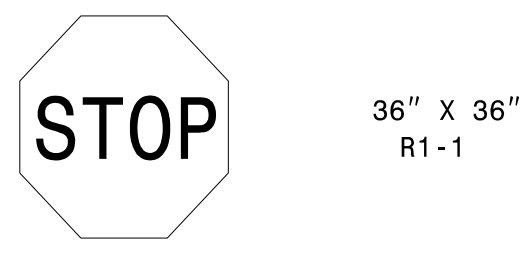
APPROVED: _____
DATE: _____

SEAL

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

401 QUANTITY REQ'D 4

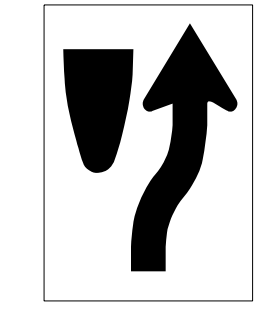


36" X 36"
R1-1

MOUNT BELOW SIGN 403
IN 2 INSTALLATIONS

ONE "U" POST PER SIGN

406 QUANTITY REQ'D 2



24" X 30"
R4-7

MOUNT BEHIND SIGN 401
IN 2 INSTALLATIONS

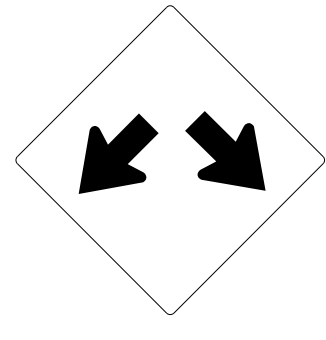
411 QUANTITY REQ'D 2



24" X 30"
R2-1

ONE "U" POST PER SIGN

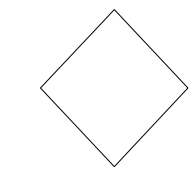
402 QUANTITY REQ'D 4



36" X 36"
W12-1

ONE "U" POST PER SIGN

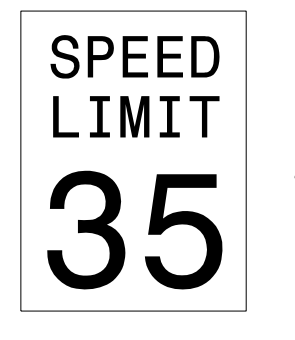
407 QUANTITY REQ'D 2



18" X 18"
OM1-3

MOUNT BELOW SIGN 406
IN 2 INSTALLATIONS

412 QUANTITY REQ'D 1



24" X 30"
R2-1

ONE "U" POST PER SIGN

403 QUANTITY REQ'D 2



36" X 12"
R6-1 (R)

ONE "U" POST PER SIGN

408 QUANTITY REQ'D 2

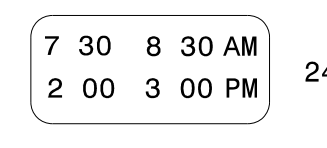


36" X 36"
S1-1

YELLOW/GREEN REFLECTIVE SHEETING

ONE "U" POSTS PER SIGN

413 QUANTITY REQ'D 2



24" X 10"
S4-1P

MOUNT BELOW SIGN 411
IN 2 INSTALLATIONS

404 QUANTITY REQ'D 2



54" X 18"
R6-1 (L)

TWO "U" POSTS PER SIGN

409 QUANTITY REQ'D 4



24" X 8"
S4-3P

YELLOW/GREEN REFLECTIVE SHEETING

MOUNT BELOW SIGN 408
IN 2 INSTALLATIONS

MOUNT ABOVE SIGN 411
IN 2 INSTALLATIONS

414 QUANTITY REQ'D 1

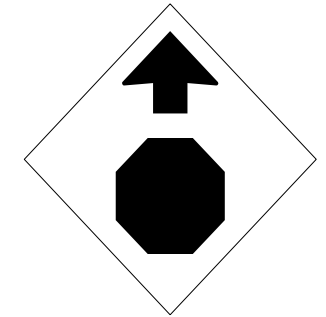


36" X 36"
S4-5

YELLOW/GREEN REFLECTIVE SHEETING

ONE "U" POST PER SIGN

405 QUANTITY REQ'D 1



30" X 30"
W3-1

ONE "U" POST PER SIGN

410 QUANTITY REQ'D 4



36" X 36"
R3-4

ONE "U" POST PER SIGN

415 QUANTITY REQ'D 2



24" X 30"
R8-3A

ONE "U" POST PER SIGN

TYPE "E" SIGNS

APPROVED: _____

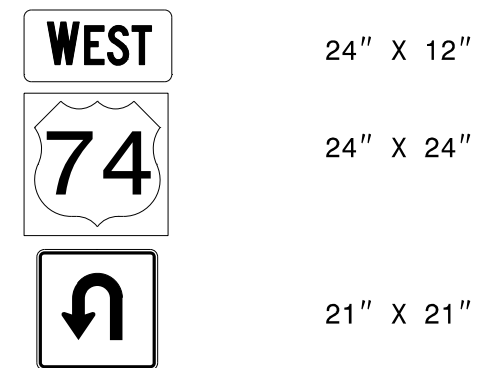
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SEAL

INCOMPLETE PLANS
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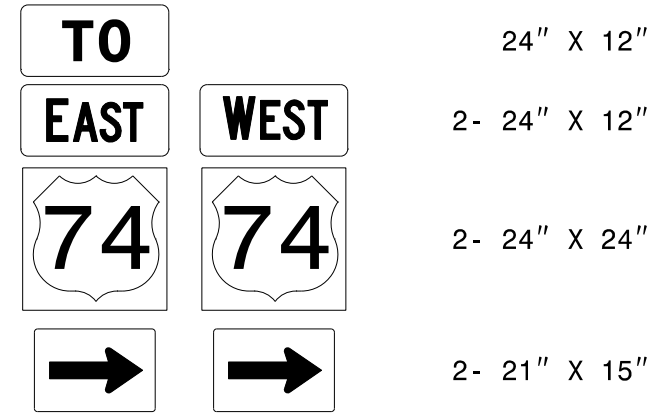
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UNLESS ALL SIGNATURES COMPLETED**

501



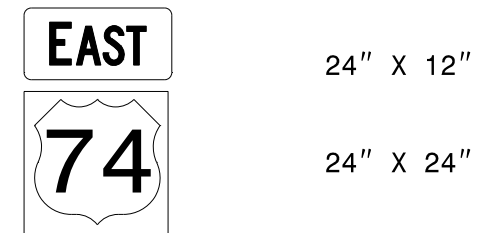
ONE "U" POST PER SIGN

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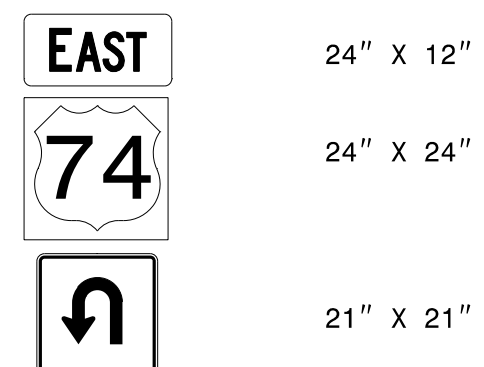
TWO "U" POSTS PER SIGN

502



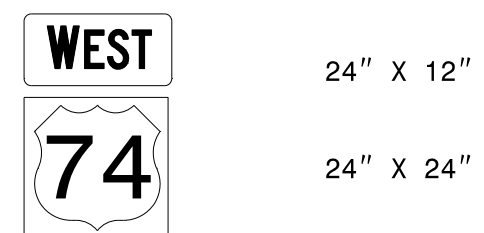
ONE "U" POST PER SIGN

503



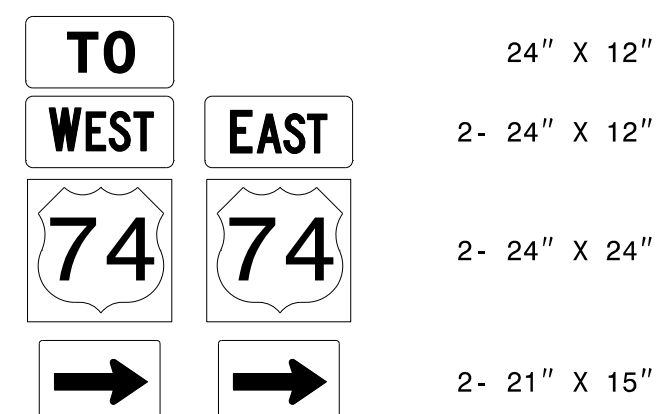
ONE "U" POST PER SIGN

504



ONE "U" POST PER SIGN

505



TWO "U" POSTS PER SIGN

TYPE "F" SIGNS

APPROVED: _____
DATE: _____

SEAL

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 301 TYPE: D QUANTITY: 1 SIGN WIDTH: 6'-0" HEIGHT: 2'-6" TOTAL AREA: 15.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1" RADII: 3" NO. Z BARS: LENGTH:	BACKG COLOR: Green COPY COLOR: White <table border="1" style="width: 100%; text-align: center;"> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>	SYMBOL	X	Y	WID	HT																																														DESIGN BY: jgm PROJECT ID: W-5710AJ CHECKED BY: LOCATION: JUN 16, 2020 DIV: 10	<p style="text-align: center;">Lilesville CITY LIMIT</p> <p style="text-align: center;">Spacing Factor is 1 unless specified otherwise</p>																				
SYMBOL	X	Y	WID	HT																																																																					
USE NOTES: 1,2 1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting. 2. Background shall be Grade C reflective sheeting. 3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum with Grade C reflective sheeting and demountable. 4. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be on 0.032" aluminum, black non-reflective sheeting and demountable. Yellow panel is:		MAT'L: 0.125" (3.2 mm) ALUMINUM																																																																							
LETTER POSITIONS <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="12">Letter spacings are to start of next letter</th> <th>Series/Size</th> <th>Text Length</th> </tr> </thead> <tbody> <tr> <td>L</td><td>i</td><td>i</td><td>e</td><td>s</td><td>v</td><td>i</td><td>i</td><td>i</td><td>e</td><td></td><td></td> <td>EM 2000</td> <td>57.8</td> </tr> <tr> <td>7.1</td><td>7.7</td><td>4.8</td><td>4.1</td><td>6.9</td><td>6.9</td><td>8.5</td><td>4.8</td><td>4.8</td><td>4.1</td><td>5.3</td><td>7.1</td> <td>D 2000</td> <td>41.2</td> </tr> <tr> <td>C</td><td>I</td><td>T</td><td>Y</td><td>L</td><td>I</td><td>M</td><td>I</td><td>T</td><td></td><td></td><td></td> <td></td> <td></td> </tr> <tr> <td>15.4</td><td>5.4</td><td>1.9</td><td>4.1</td><td>5.2</td><td>6</td><td>4.6</td><td>2.4</td><td>6.1</td><td>1.9</td><td>3.7</td><td>15.4</td> <td></td> <td></td> </tr> </tbody> </table>				Letter spacings are to start of next letter												Series/Size	Text Length	L	i	i	e	s	v	i	i	i	e			EM 2000	57.8	7.1	7.7	4.8	4.1	6.9	6.9	8.5	4.8	4.8	4.1	5.3	7.1	D 2000	41.2	C	I	T	Y	L	I	M	I	T						15.4	5.4	1.9	4.1	5.2	6	4.6	2.4	6.1	1.9	3.7	15.4		
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15.4	5.4	1.9	4.1	5.2	6	4.6	2.4	6.1	1.9	3.7	15.4																																																														
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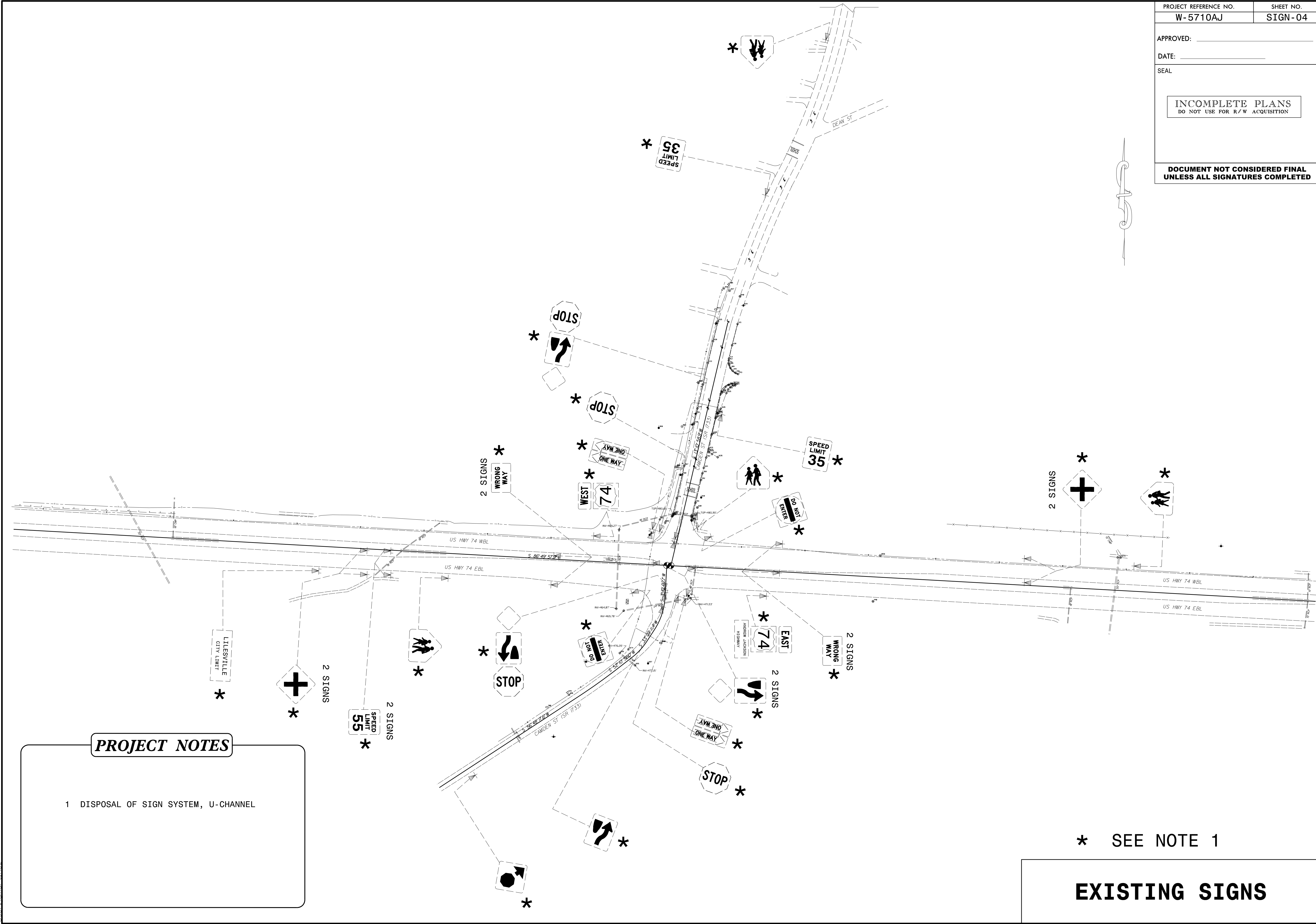
SIGN NUMR: TYPE: F Ground QUANTITY: 2 SIGN WIDTH: 1'-9" HEIGHT: 1'-9" TOTAL AREA: 3.1 Sq.Ft. MAT'L: 0.063" ALUMINUM BORDER TYPE: RECESSED RECESS: 0.38" WIDTH: 0.63" RADII: 1.5" NO. Z BARS: LENGTH:	BACKG. COLOR: White COPY COLOR: Black <table border="1" style="width: 100%; text-align: center;"> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> <tr> <td>u arrow</td> <td>3.7</td> <td>3.5</td> <td>12.7</td> <td>13.9</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>	SYMBOL	X	Y	WID	HT	u arrow	3.7	3.5	12.7	13.9																																									DESIGN BY: DME PROJECT ID: W-5710AJ CHK BY: DIV: 10 STD #: DATE:	<p style="text-align: center;">U-TURN ARROW</p> <p style="text-align: center;">Spacing Factor is 1 unless specified otherwise</p>
SYMBOL	X	Y	WID	HT																																																	
u arrow	3.7	3.5	12.7	13.9																																																	
NOTES: 1. Legend and border shall be direct applied Non-reflective sheeting. 2. Background shall be Grade C reflective sheeting.		BORDER: R=1.5" TH=0.63" IN=0.38"																																																			
Arrow Details <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>ARROW DIMENSIONS (INCHES)</th> <th>F</th> <th>G</th> <th>H</th> <th>M</th> <th>N</th> <th>P</th> <th>Q</th> <th>R</th> </tr> </thead> <tbody> <tr> <td></td> <td>2.625</td> <td>2.625</td> <td>8.659</td> <td>5.25</td> <td>3</td> <td>5.25</td> <td>0.375</td> <td>0.5</td> </tr> </tbody> </table>				ARROW DIMENSIONS (INCHES)	F	G	H	M	N	P	Q	R		2.625	2.625	8.659	5.25	3	5.25	0.375	0.5																																
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	2.625	2.625	8.659	5.25	3	5.25	0.375	0.5																																													
FILENAME: GSENG																																																					

08/04/20 U:\projects\2020_Sign_Designs\Div 10\W-5710AJ\W-5710AJ_US 74_Signing_Tsh_Existing.dgn User: jsmartinez

APPROVED: _____
 DATE: _____
 SEAL

INCOMPLETE PLANS
 DO NOT USE FOR R/W ACQUISITION

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED



PROJECT NOTES

1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL

* SEE NOTE 1

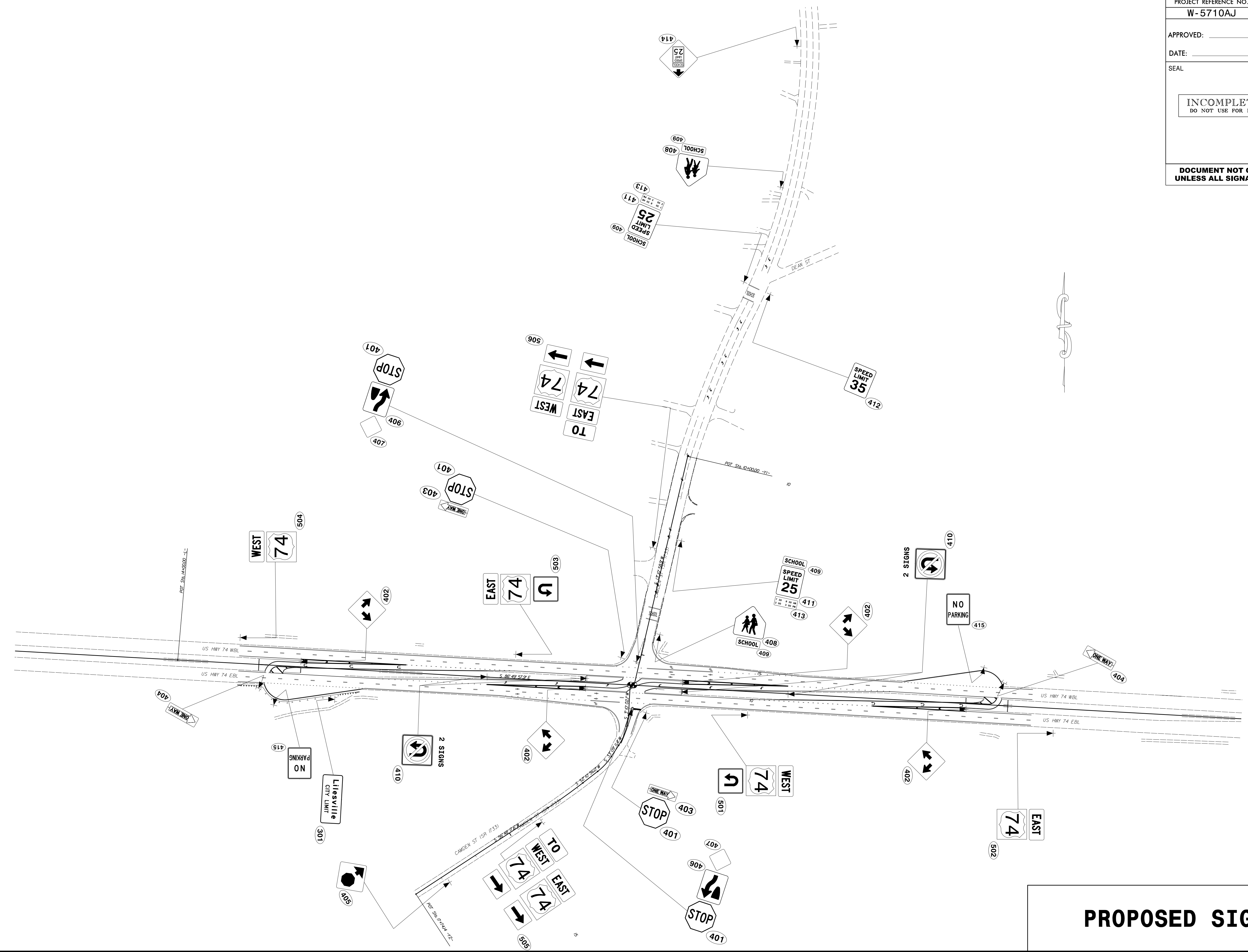
EXISTING SIGNS

08/04/20
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APPROVED: _____
 DATE: _____
 SEAL


INCOMPLETE PLANS
 DO NOT USE FOR R/W ACQUISITION

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED




PROPOSED SIGNS

INSTALL ALL SIGNS PERTAINING TO HATCHED AREA DURING THIS PHASE SEE SHEETS SIGN-01 - SIGN-05


 Phase I of Construction

PROJECT NO.	SHEET NO.
44856.3.38	TCP-1
F.A. PROJECT NO. HSIP-0074(224)	

ROADWAY DESIGN ENGINEER



Seal 034357

APPROVED BY: 

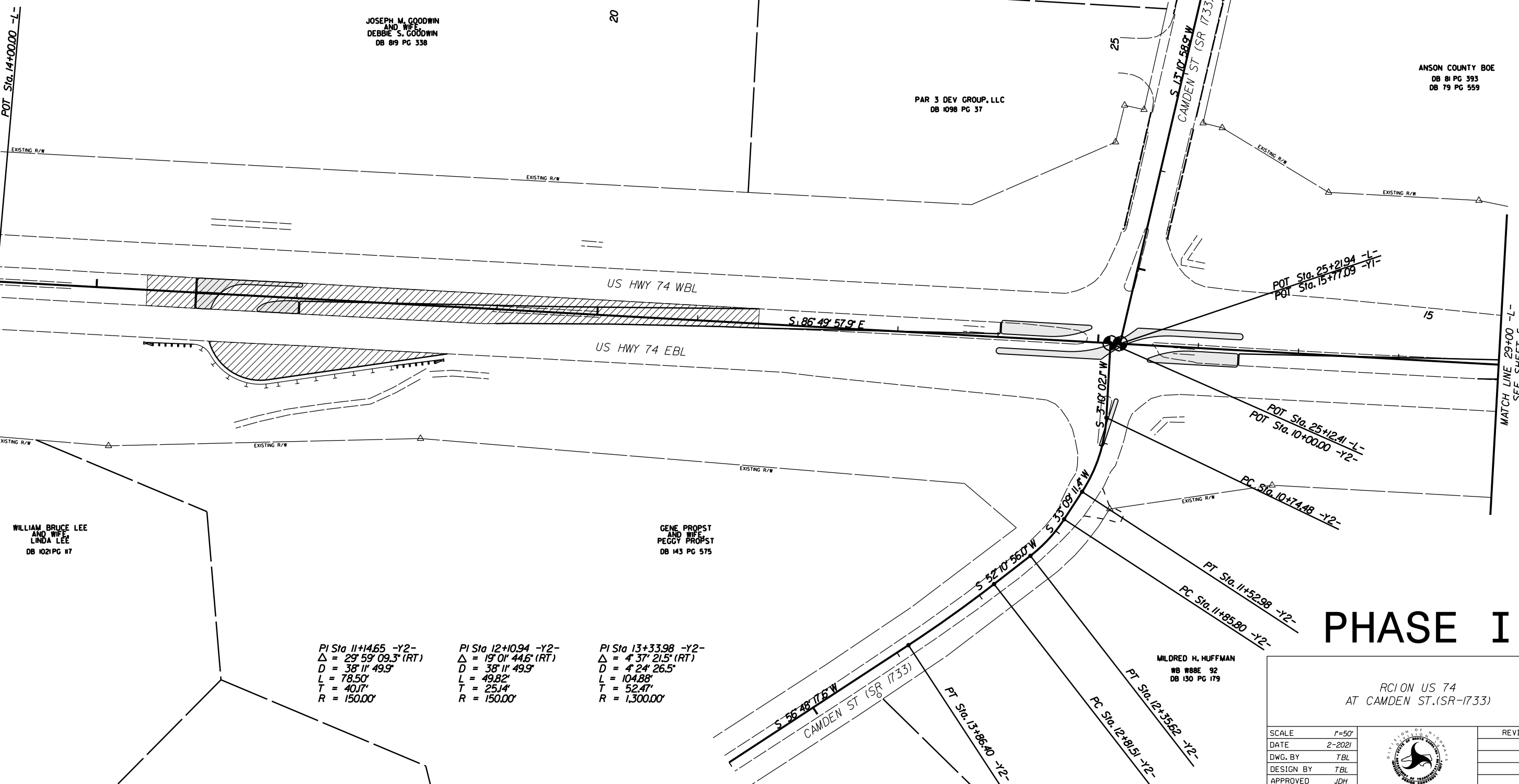
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JOSEPH M. GOODWIN AND WIFE DEBBIE S. GOODWIN DB 819 PG 338

LARRY W. ADAMS DB 802 PG 283

PAR 3 DEV GROUP, LLC DB 1098 PG 37

ANSON COUNTY BOE DB 81 PG 393 DB 79 PG 559



<p>PI Sta 11+14.65 -Y2- $\Delta = 29^\circ 59' 09.3" (RT)$ $D = 38' 11" 49.9"$ $L = 78.50'$ $T = 40.17'$ $R = 150.00'$</p>	<p>PI Sta 12+10.94 -Y2- $\Delta = 19^\circ 01' 44.6" (RT)$ $D = 38' 11" 49.9"$ $L = 49.82'$ $T = 25.14'$ $R = 150.00'$</p>	<p>PI Sta 13+33.98 -Y2- $\Delta = 4^\circ 37' 21.5" (RT)$ $D = 4^\circ 24' 26.5"$ $L = 104.88'$ $T = 52.47'$ $R = 1,300.00'$</p>
--	--	--

WILLIAM BRUCE LEE AND WIFE LINDA LEE DB 1021 PG 117

GENE PROPST AND WIFE PEGGY PROPST DB 143 PG 575

MILDRED H. HUFFMAN WB 888E 92 DB 150 PG 179

PHASE I

RCION US 74 AT CAMDEN ST.(SR-1733)

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DATE	2-2021		
DWG. BY	TBL		
DESIGN BY	TBL		
APPROVED	JDH		

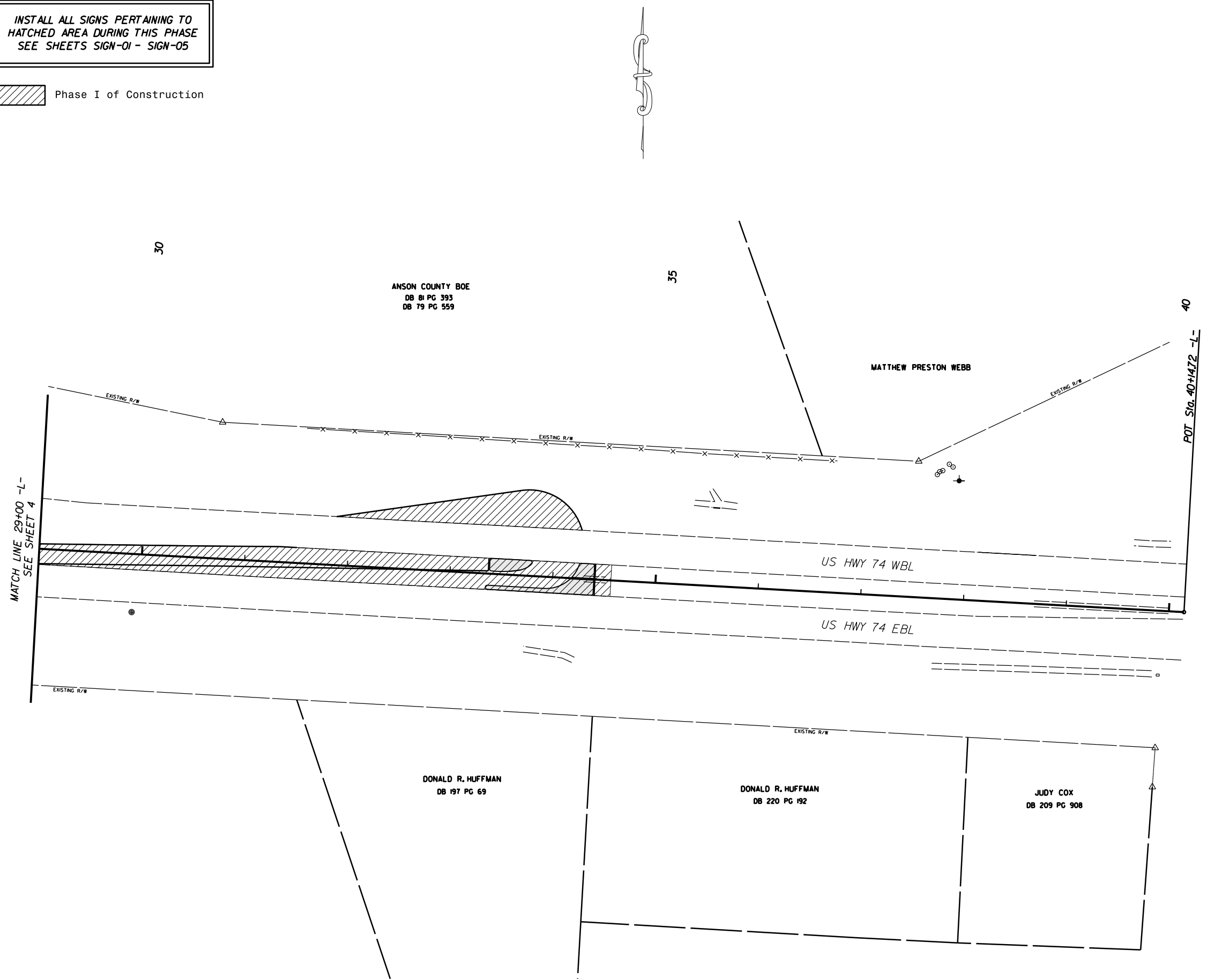
PROJECT NO.	SHEET NO.
44856.3.38	TCP-2
F.A. PROJECT NO. HSIP-0074(224)	

ROADWAY DESIGN ENGINEER

Matthew Preston Webb
 A92E75CC0FFB43B

INSTALL ALL SIGNS PERTAINING TO HATCHED AREA DURING THIS PHASE SEE SHEETS SIGN-01 - SIGN-05

Phase I of Construction



PHASE I

RCION US 74
AT CAMDEN ST.(SR-1733)

SCALE	1"=50'
DATE	2-2021
DWG. BY	TBL
DESIGN BY	TBL
APPROVED	JDH



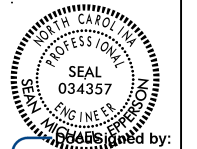
REVISIONS	

INSTALL ALL SIGNS PERTAINING TO
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SEE SHEETS SIGN-01 - SIGN-05

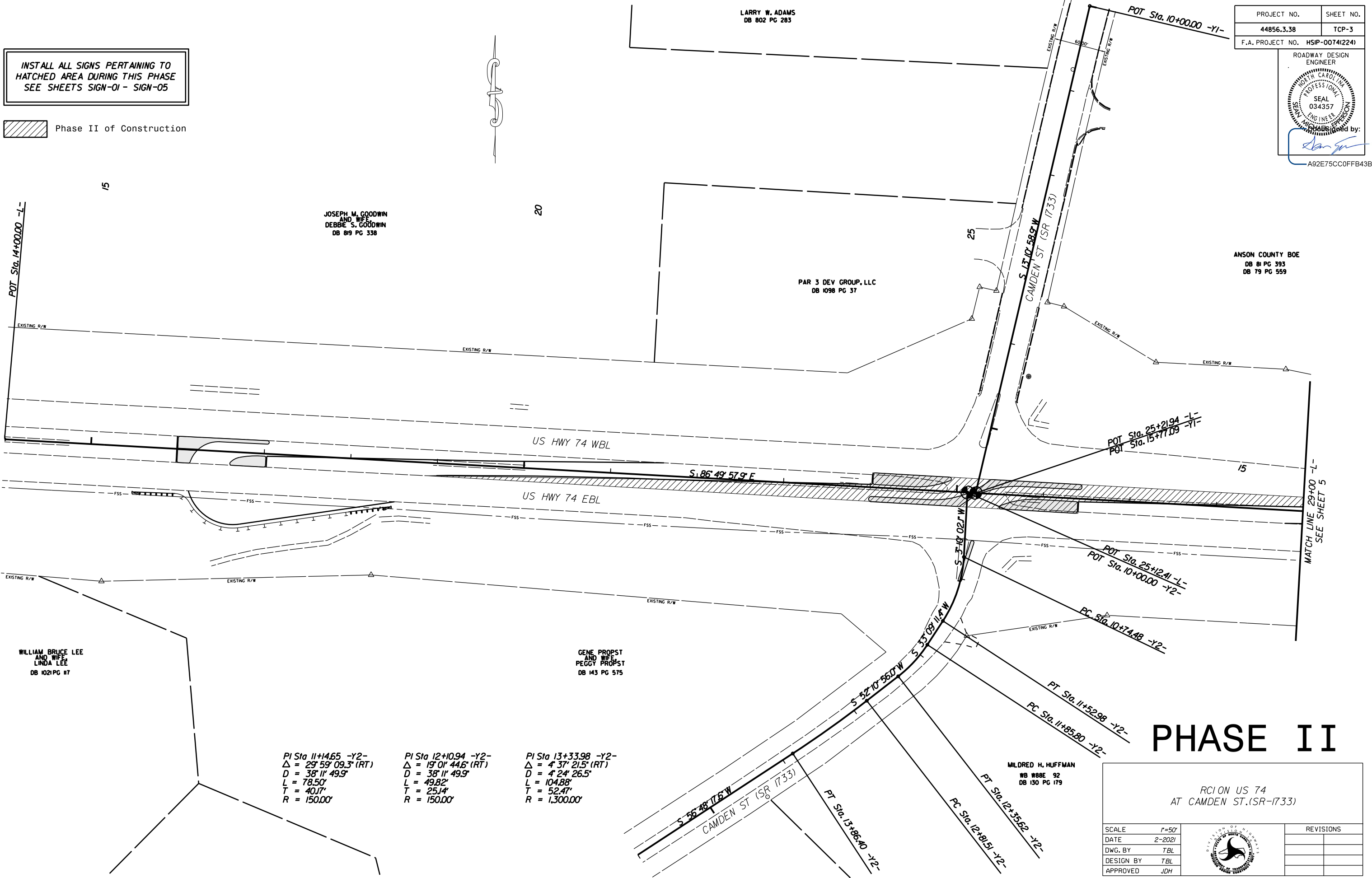
 Phase II of Construction

PROJECT NO.	SHEET NO.
44856.3.38	TCP-3
F.A. PROJECT NO. HSIP-0074(224)	

ROADWAY DESIGN
ENGINEER



Seal No. 034357
Engineer
Signature: [Signature]
A92E75C0FFB43B



JOSEPH M. GOODWIN
AND WIFE
DEBBIE S. GOODWIN
DB 819 PG 338

PAR 3 DEV GROUP, LLC
DB 1098 PG 37

ANSON COUNTY BOE
DB 81 PG 393
DB 79 PG 559

WILLIAM BRUCE LEE
AND WIFE
LINDA LEE
DB 1021 PG 117

GENE PROPST
AND WIFE
PEGGY PROPST
DB 143 PG 575

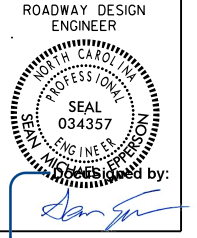
<p>PI Sta 11+14.65 -Y2- Δ = 29° 59' 09.3" (RT) D = 38' 11" 49.9" L = 78.50' T = 40.17' R = 150.00'</p>	<p>PI Sta 12+10.94 -Y2- Δ = 19° 01' 44.6" (RT) D = 38' 11" 49.9" L = 49.82' T = 25.14' R = 150.00'</p>	<p>PI Sta 13+33.98 -Y2- Δ = 4° 37' 21.5" (RT) D = 4' 24" 26.5" L = 104.88' T = 52.47' R = 1,300.00'</p>
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PHASE II

RCION US 74
AT CAMDEN ST. (SR-1733)

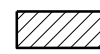
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DATE	2-2021		
DWG. BY	TBL		
DESIGN BY	TBL		
APPROVED	JDH		

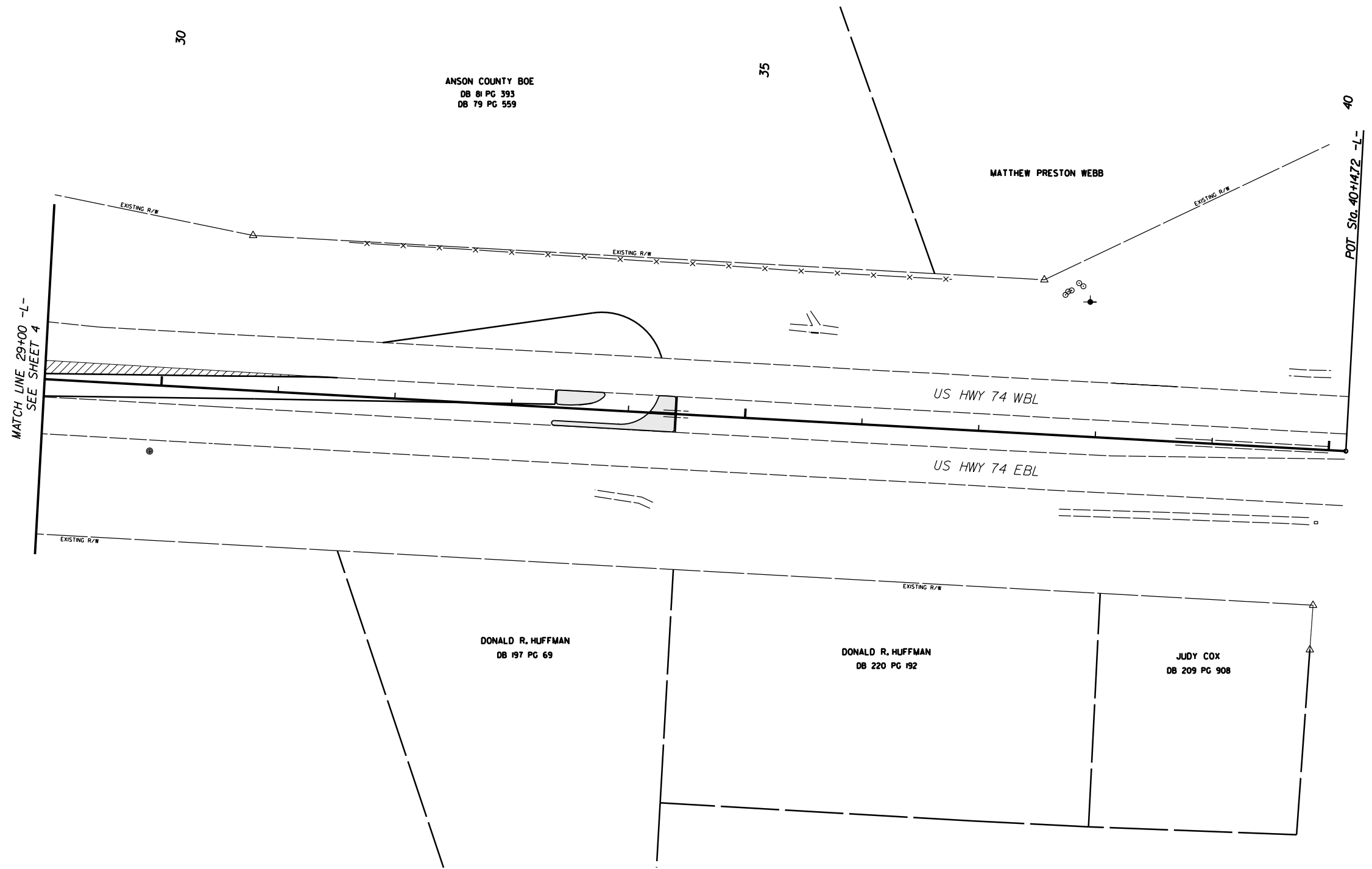
PROJECT NO.	SHEET NO.
44856.3.38	TCP-4
F.A. PROJECT NO. HSIP-0074(224)	



DESIGNED BY: *Matthew Preston Webb*
A92E75CC0FFB43B

INSTALL ALL SIGNS PERTAINING TO HATCHED AREA DURING THIS PHASE SEE SHEETS SIGN-01 - SIGN-05

 Phase II of Construction



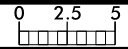
PHASE II

RCION US 74
AT CAMDEN ST. (SR-1733)

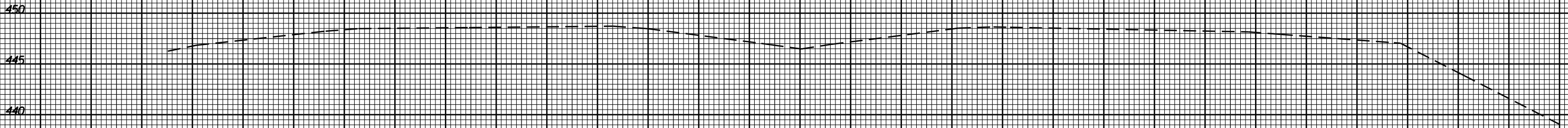
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DATE	2-2021
DWG. BY	TBL
DESIGN BY	TBL
APPROVED	JDH



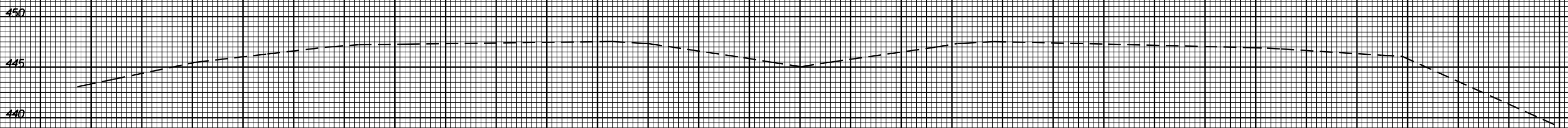
REVISIONS	



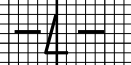
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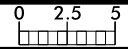
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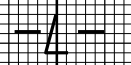
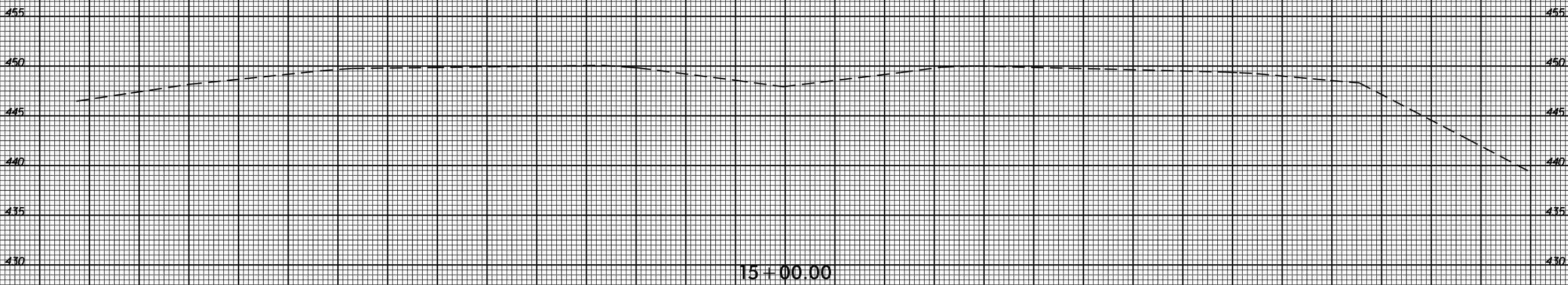
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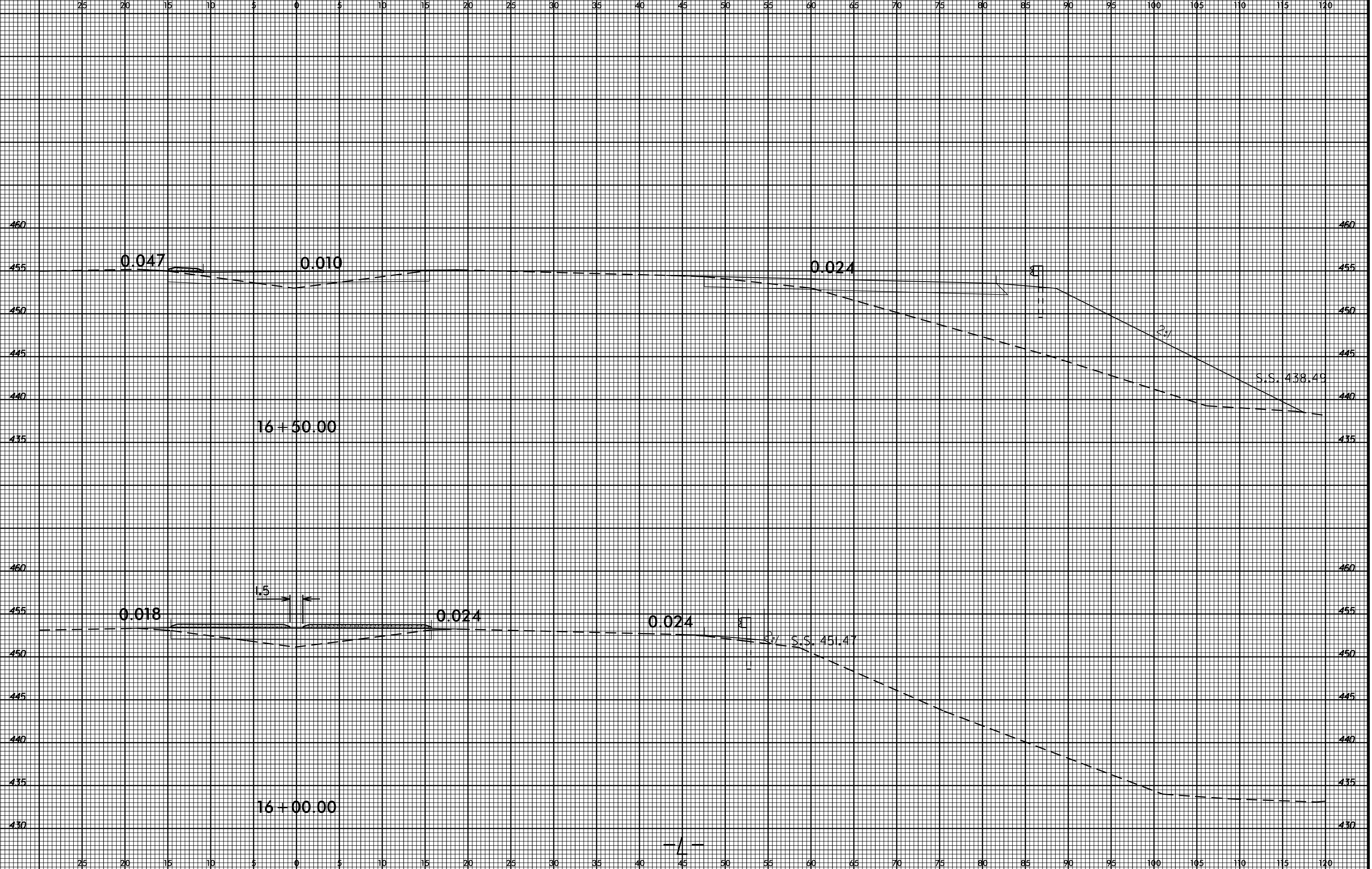
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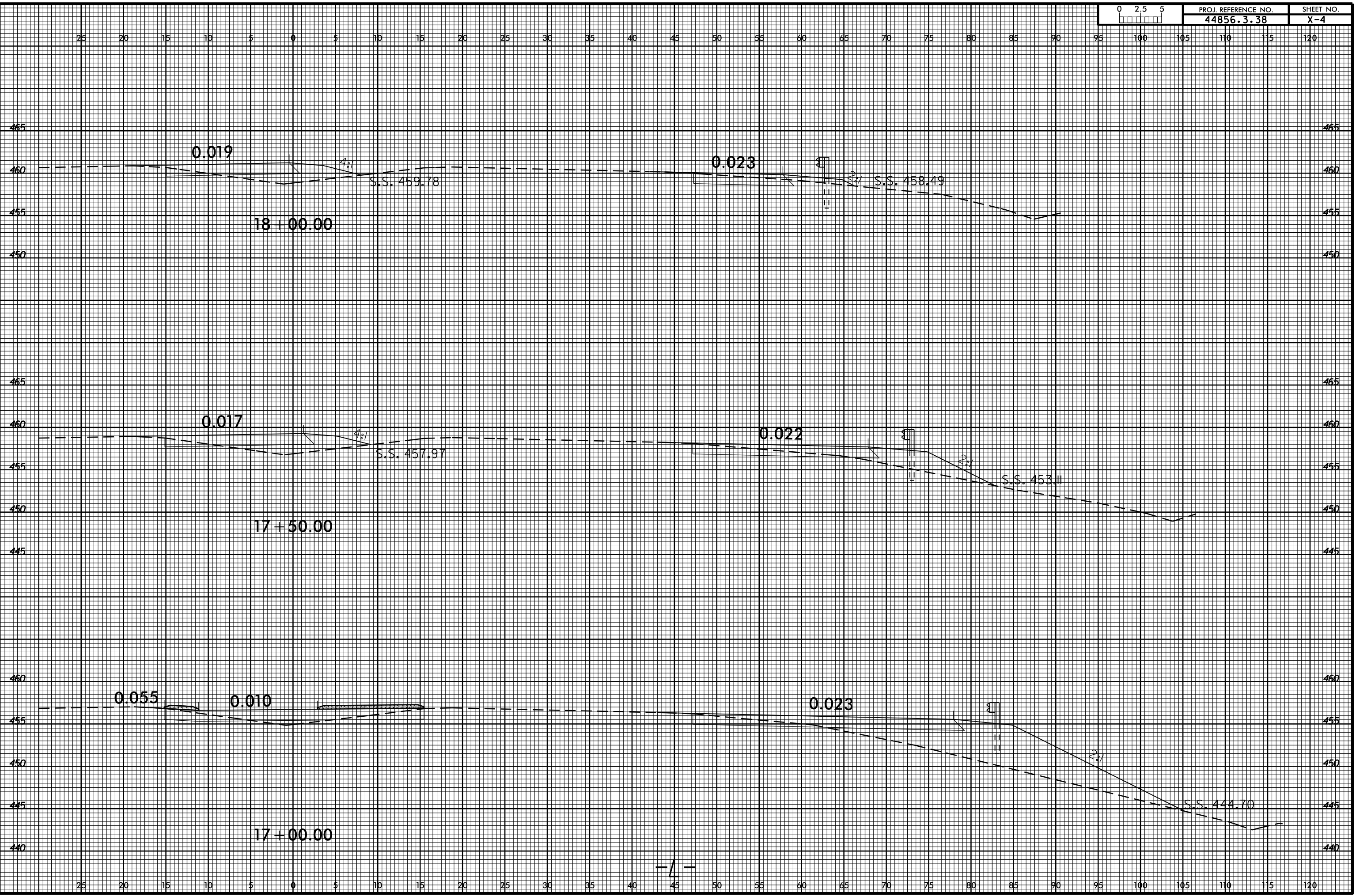
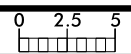


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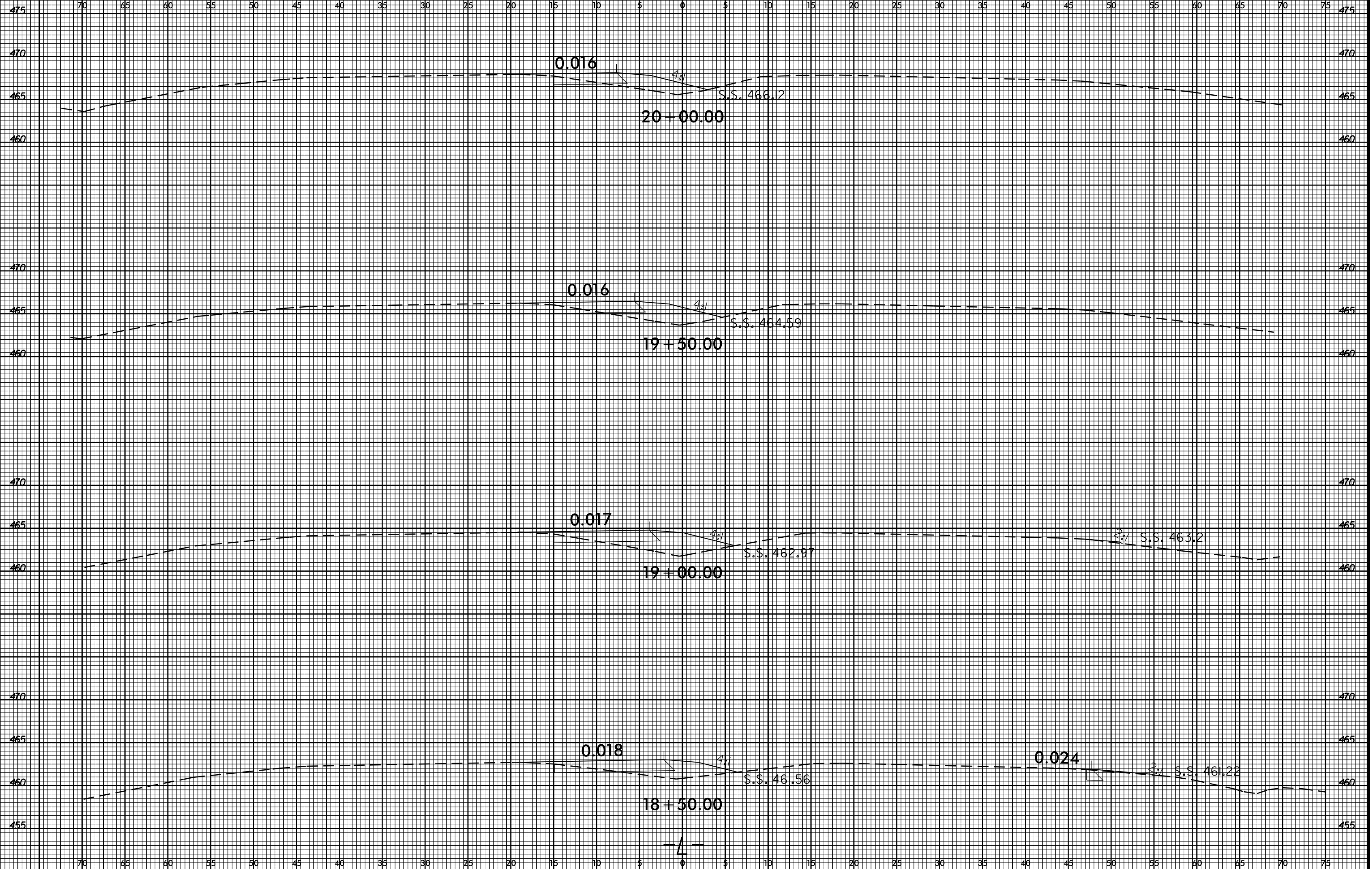
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6/23/16

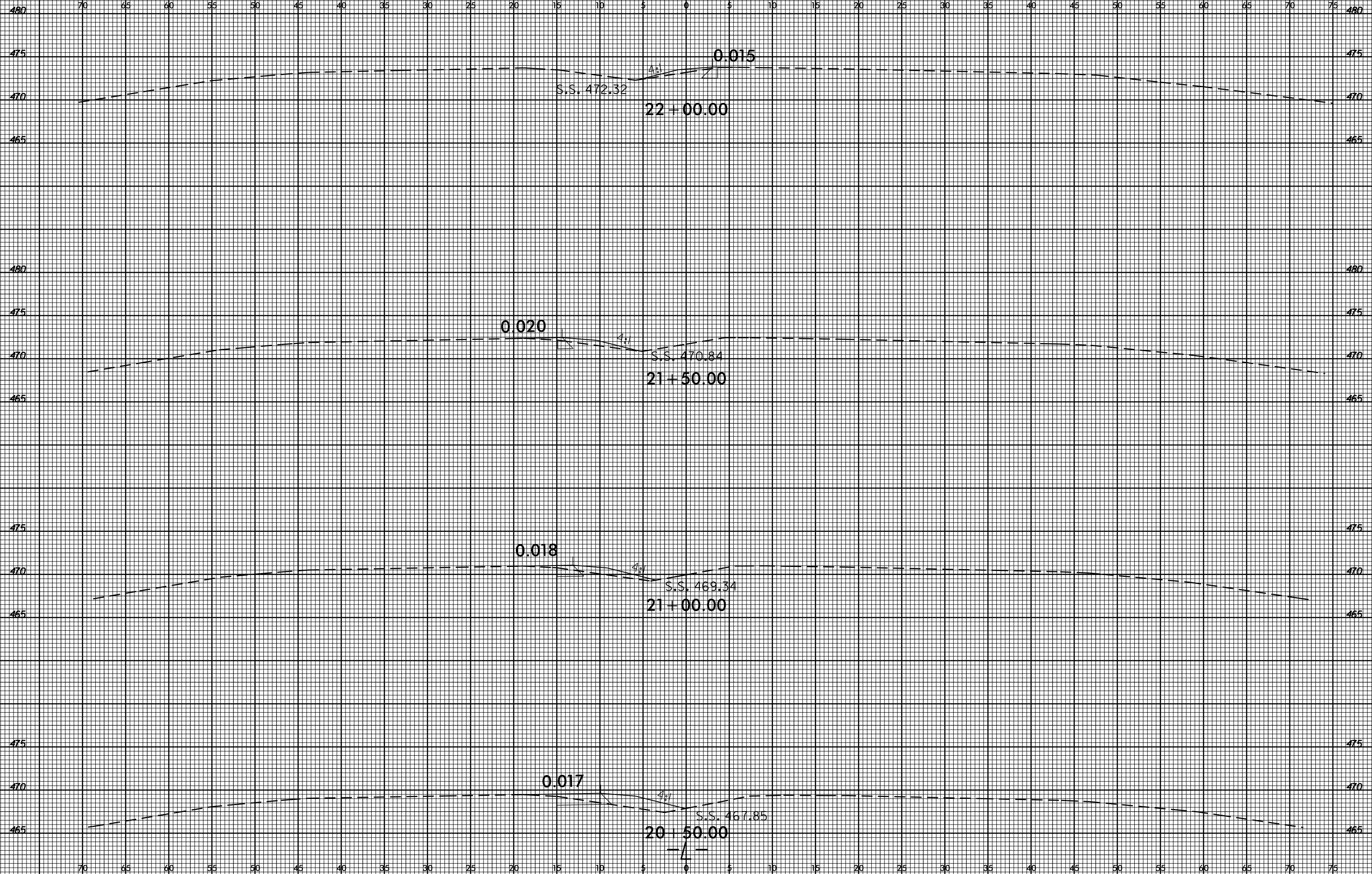


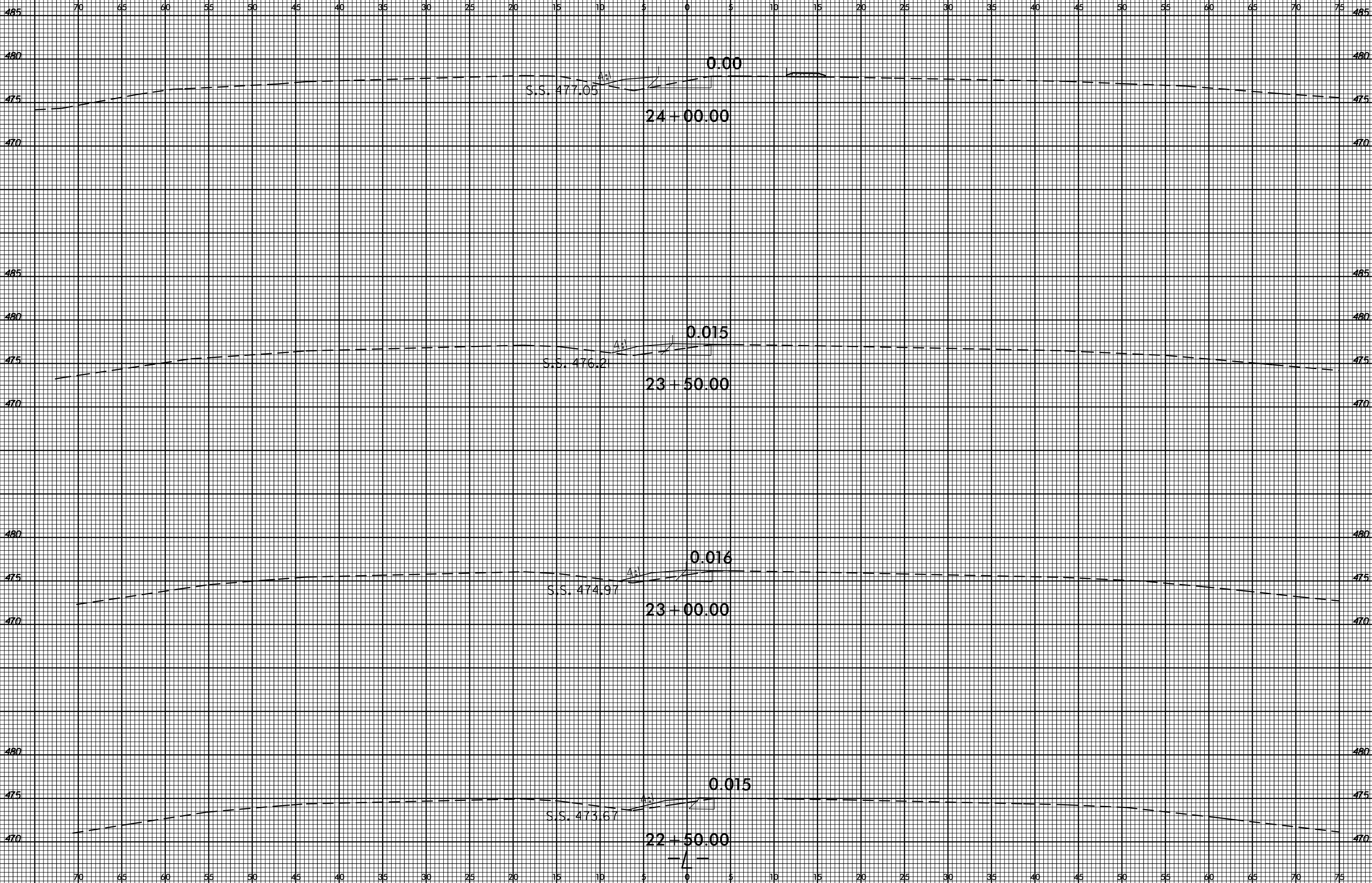
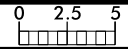
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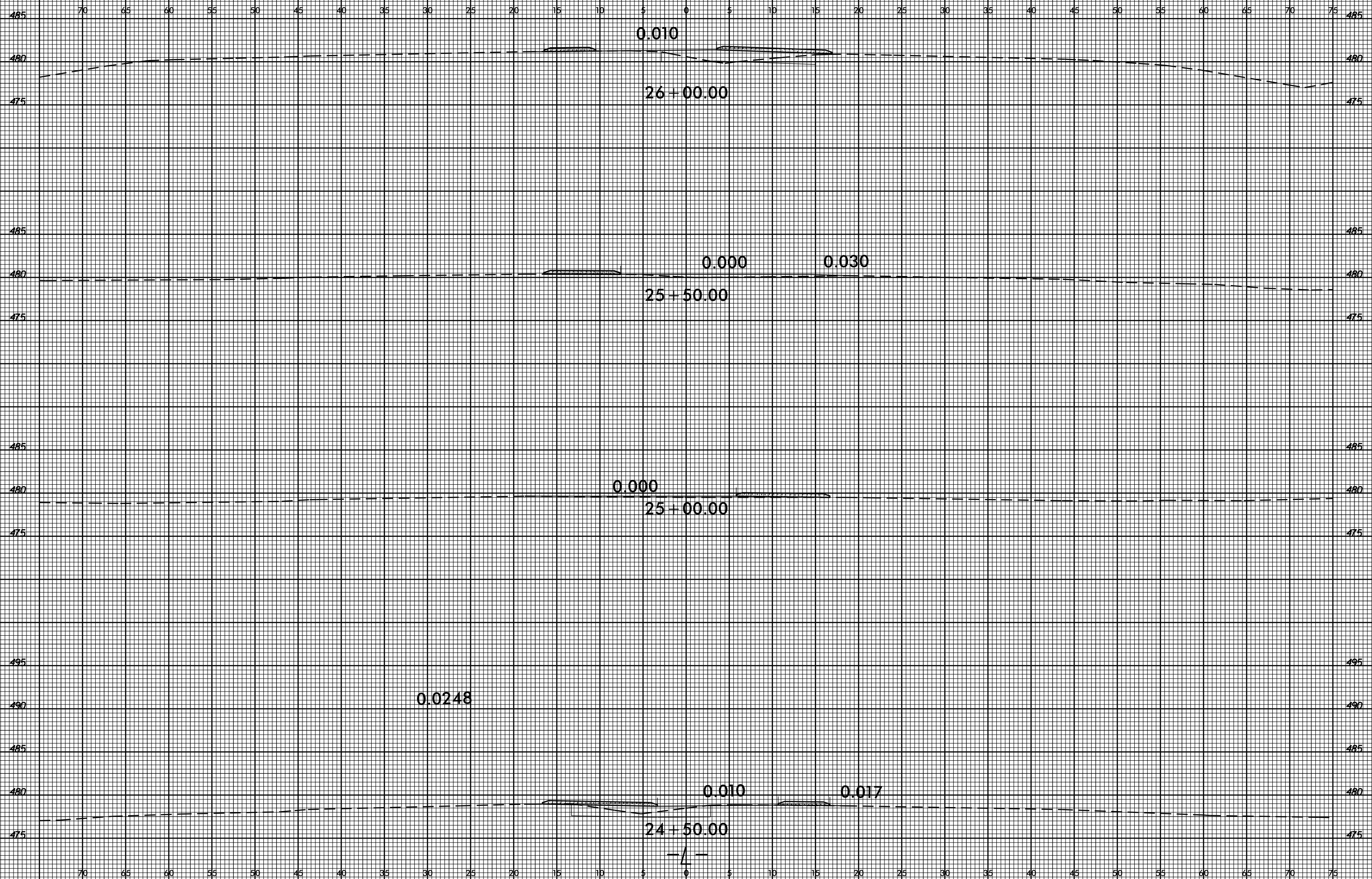
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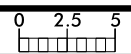
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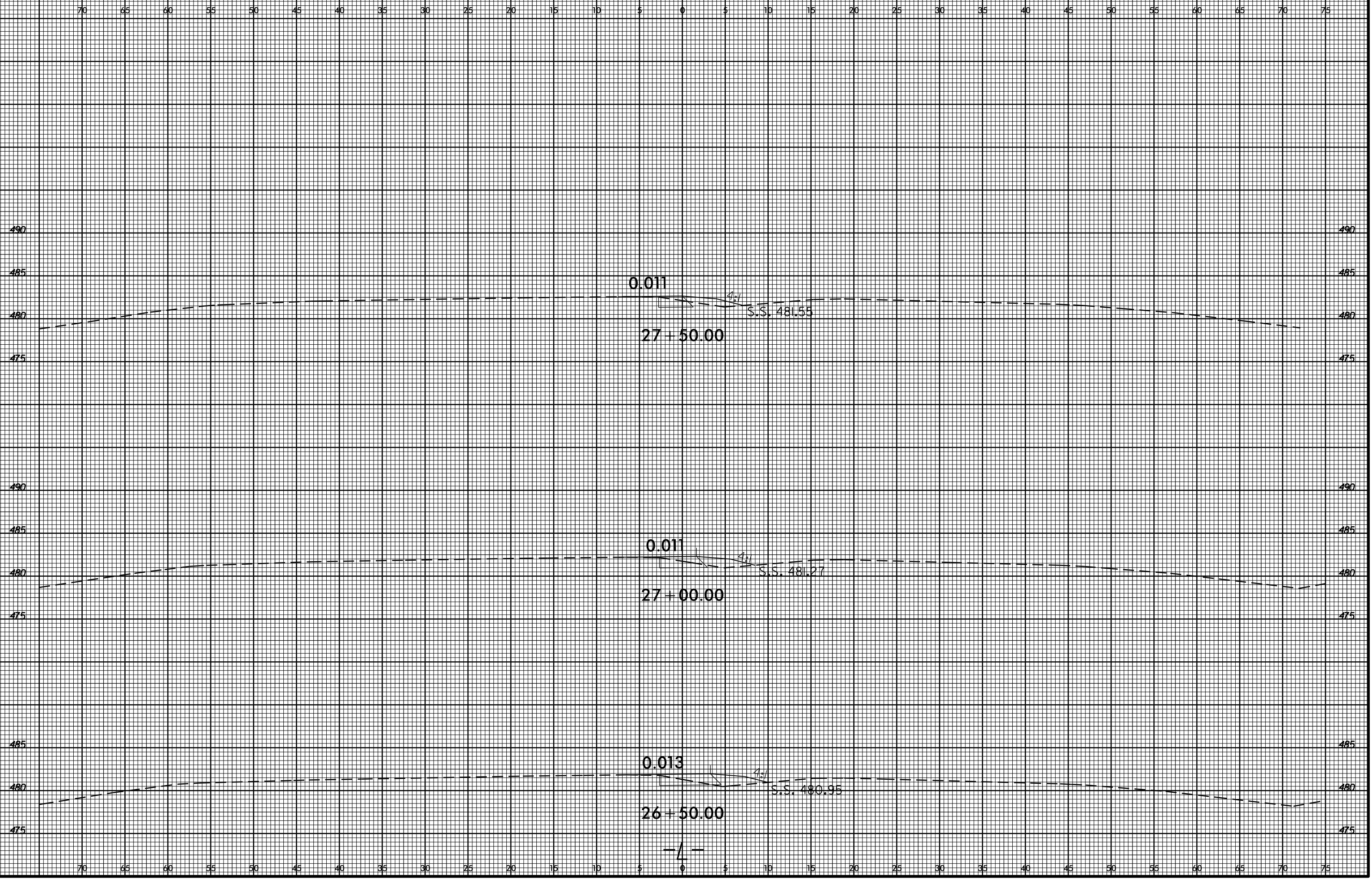


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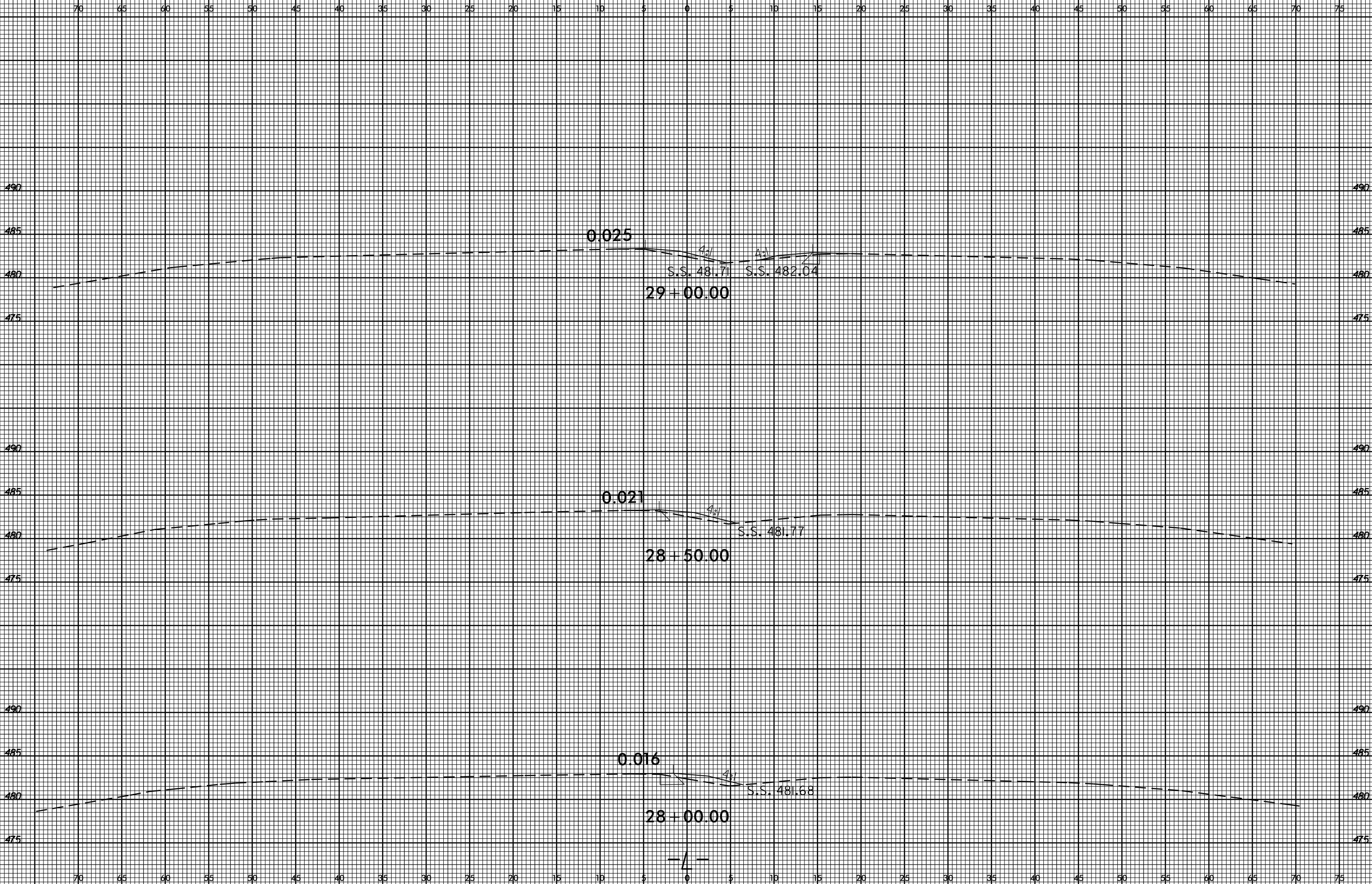
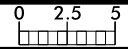


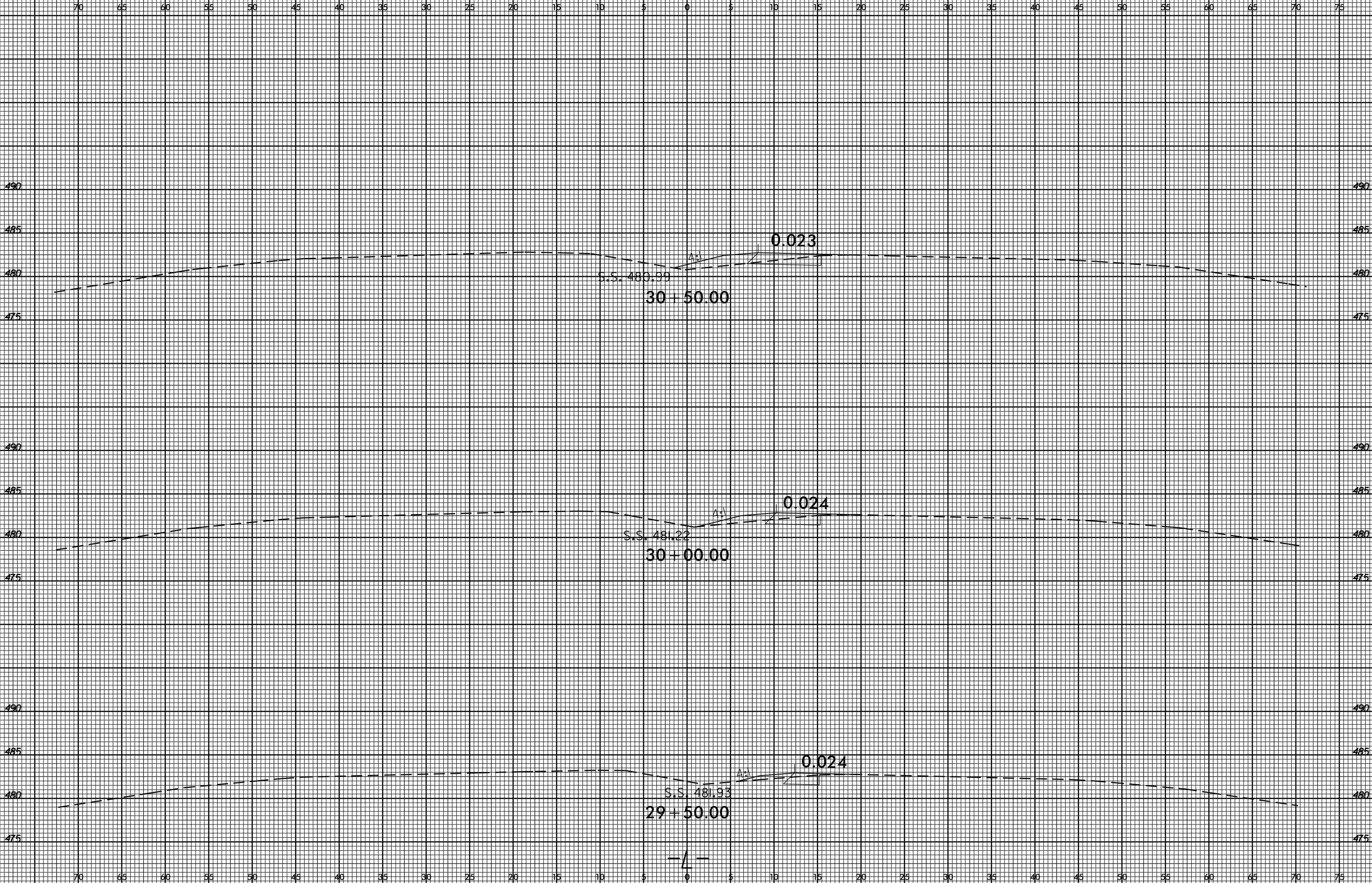
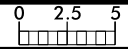
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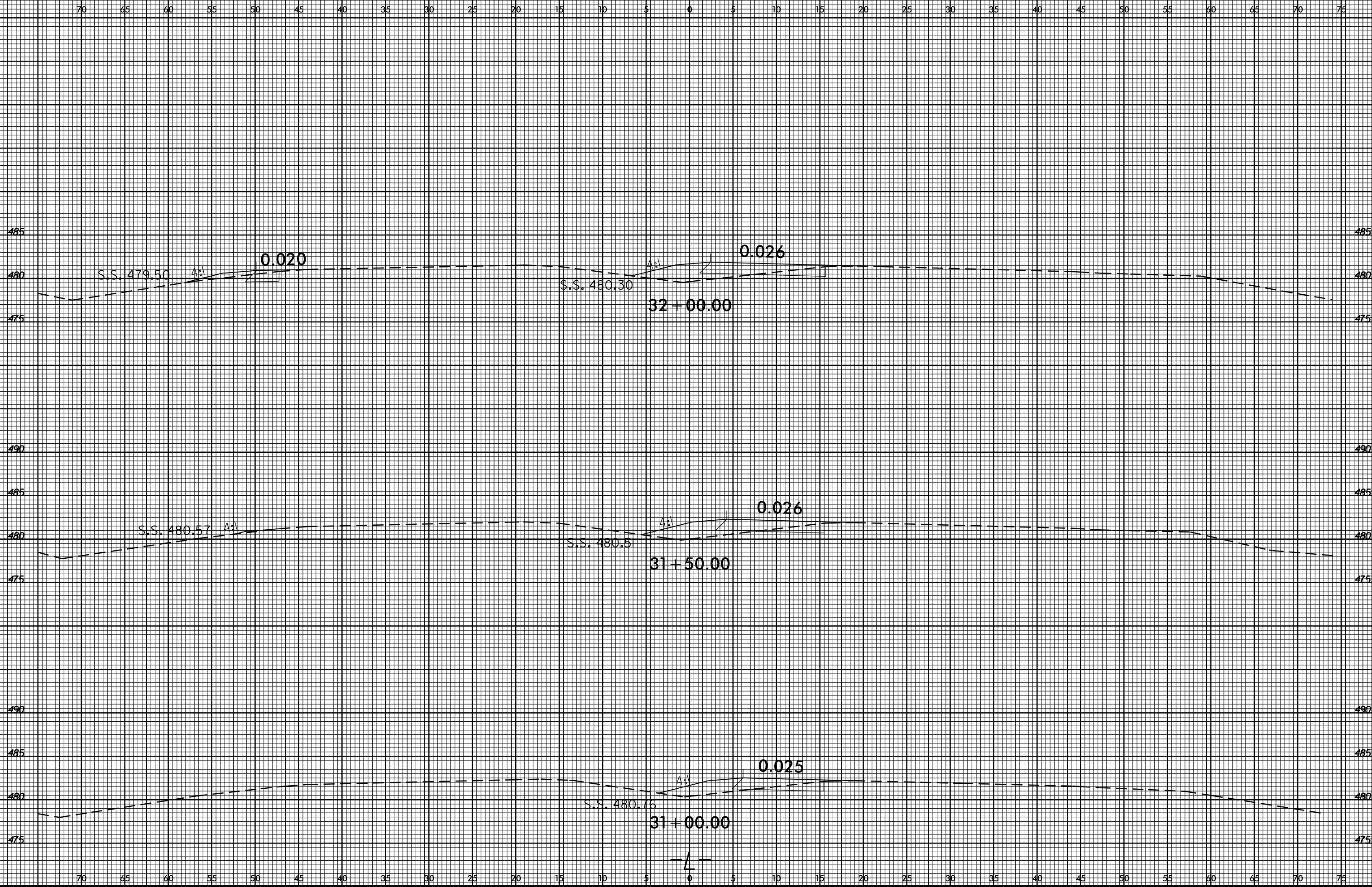
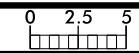
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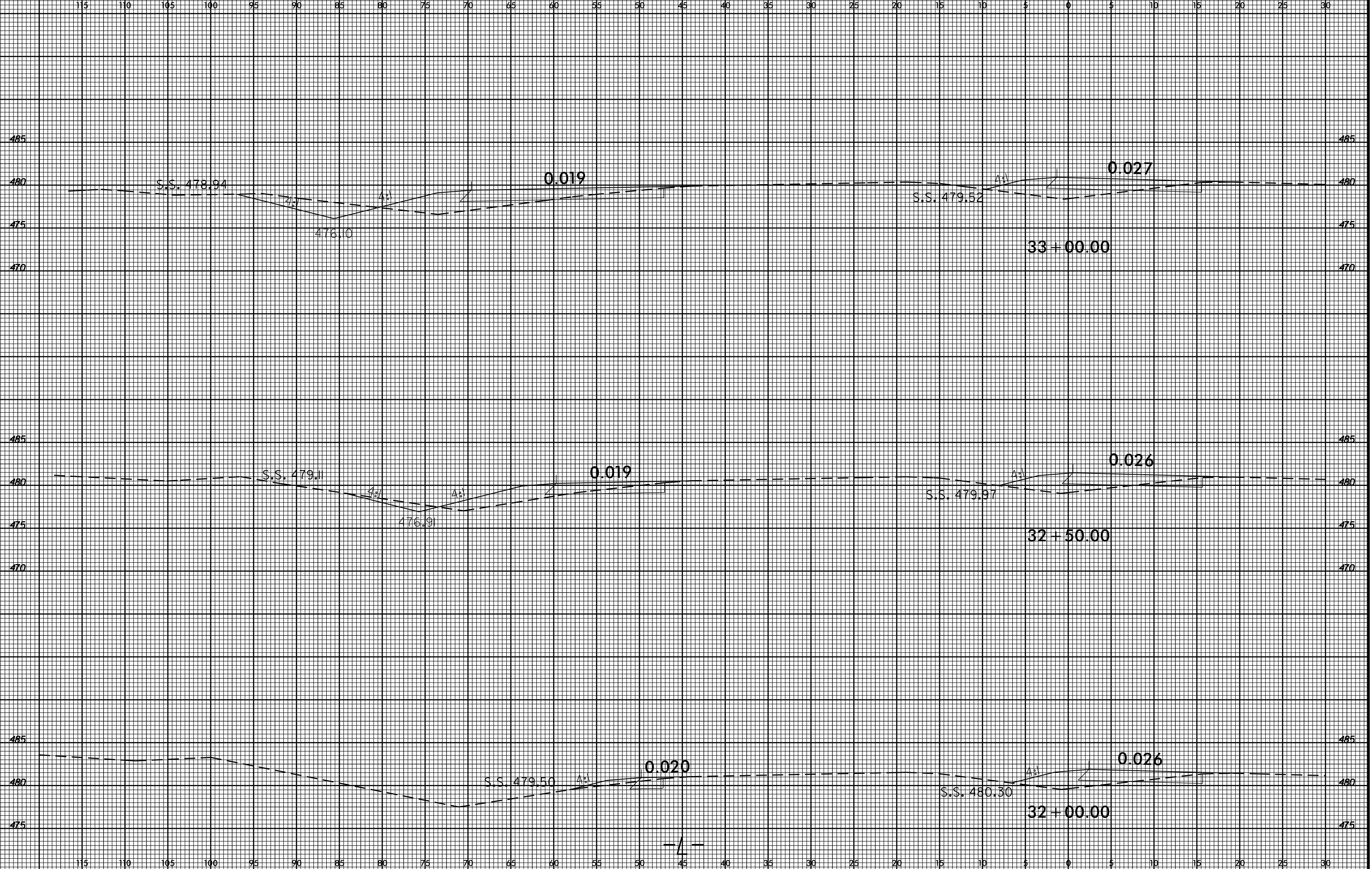
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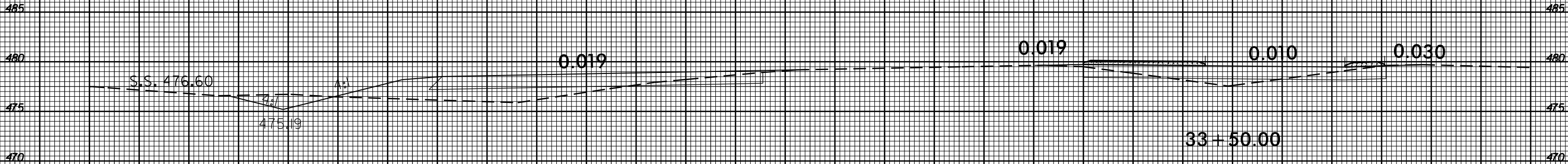
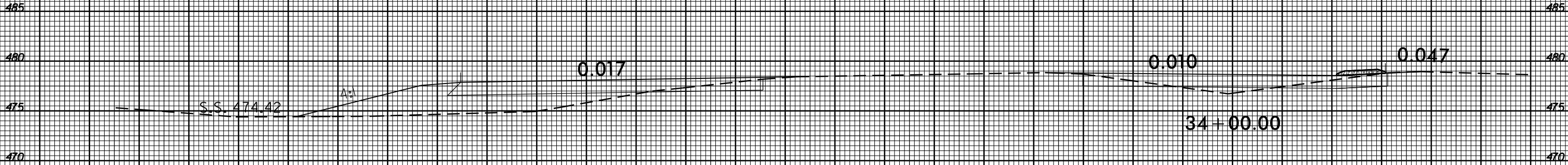


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