

Index Of Sheets

DESCRIPTION	SHEET NO.
TITLE SHEET	1
TYPICAL SECTIONS	2-2C
R.O.W. ACQUISITION TABLE	3
PROPERTY MAPS	3A-3B
PRESENT LAYOUT	4-7
PROPOSED LAYOUT	4A-7A
PROPOSED PROFILE	4B-7B
SIDE ROAD PROFILE	8-12
DRAINAGE MAP	13-13A
CULVERT CROSS SECTIONS	14-14A
MAIN LINE CROSS SECTIONS	15-66
SIDE ROAD CROSS SECTIONS	67-87

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION BUREAU OF ENGINEERING

POLK COUNTY

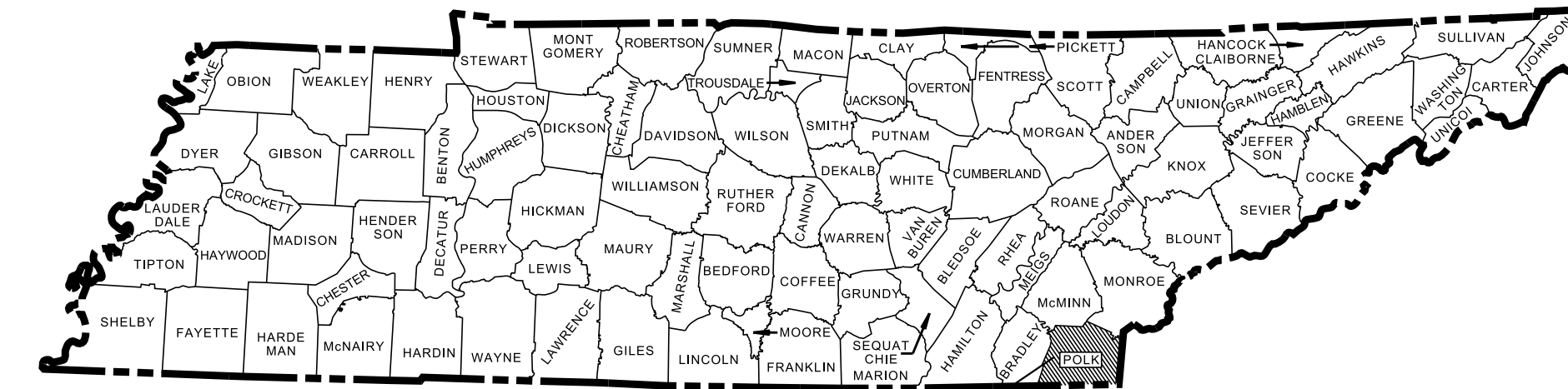
SR-40 (US-64/US-74)
FROM NEAR HILDABRAND ROAD
TO NEAR WELCOME VALLEY ROAD

PRELIMINARY

GRADING, BRIDGE, DRAINAGE, PAVING, STRIPING, GUARDRAIL

STATE HIGHWAY NO. 40 F.A.H.S. NO. 64, 74

TENN.	YEAR	SHEET NO.
	2019	1
FED. AID PROJ. NO.	BR-NH/APD-40(37)	
STATE PROJ. NO.	70068-1211-94	



PROJECT LOCATION
BRIDGE ID. # 70SR0400005



PRELIMINARY
PLANS

CAUTION!
PRELIMINARY
PLANS
SUBJECT TO
CHANGE

70068-1211-94
BEGIN PROJECT NO. BR-NH/APD-40(37) PRELIMINARY
STA. 101+50.00
N 285824.1695 E 2362473.3265

70068-1211-94
END PROJECT NO. BR-NH/APD-40(37) PRELIMINARY
STA. 147+00.00
N 285346.9341 E 2366786.7241

SPECIAL NOTES

PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED JANUARY 1, 2015 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT CE MANAGER 2: ROBERT RODGERS, P.E.

DESIGNER: PATRICK FIVEASH, P.E. CHECKED BY: SHAP STILES, P.E.

P.E. NO. 70068-0211-94 (DESIGN)

PIN NO. 124102.00

SCALE: 1"= 5280'



R.O.W. LENGTH	0.373 MILES
ROADWAY LENGTH	0.750 MILES
BRIDGE LENGTH	0.111 MILES
PROJECT LENGTH	0.861 MILES

SURVEY 07-06-18	TRAFFIC DATA
	ADT (2022) 5,790
	ADT (2042) 6,950
	DHV (2042) 695
	D 65 - 35
	T (ADT) 9 %
	T (DHV) 6 %
	V 50 MPH

STATE PLANE COORDINATES ARE BASED ON GPS MEASUREMENTS OBTAINED 12-28-17 USING GEOID 12b MODEL AND DATUM ADJUSTMENT FACTOR OF 1.000007

SEALED BY

APPROVED: *Paul D. Degges*
PAUL D. DEGGES, CHIEF ENGINEER

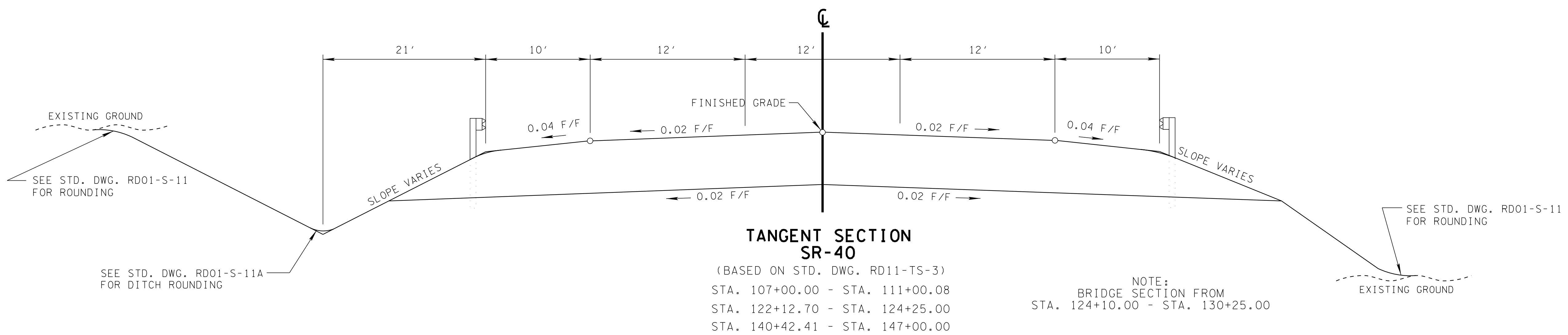
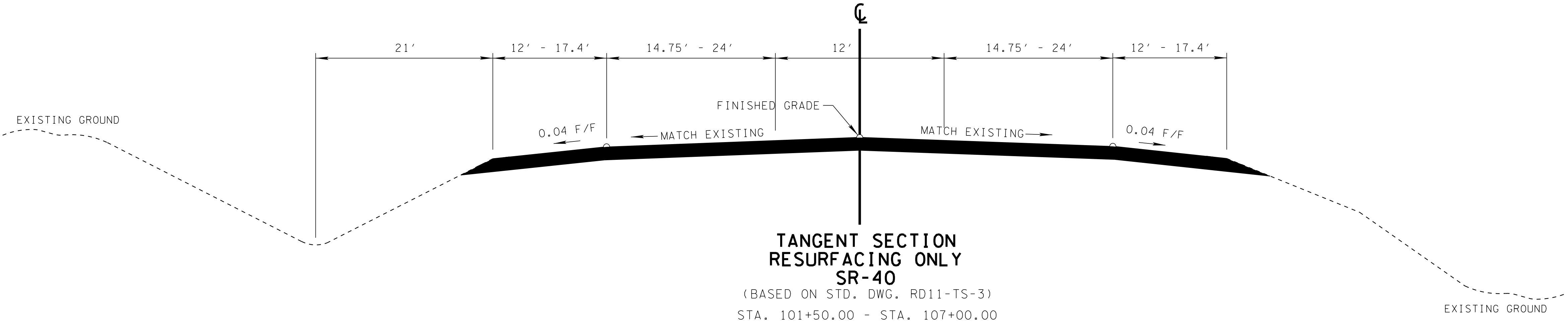
DATE:

APPROVED: *Clay Bright*
CLAY BRIGHT, COMMISSIONER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:
DIVISION ADMINISTRATOR DATE

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	2



NOTE:
BRIDGE SECTION FROM
STA. 124+10.00 - STA. 130+25.00

NOTE:
GUARDRAIL AS REQUIRED

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PRELIMINARY
PLANS
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CHANGE**

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**STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION**

**TYPICAL
SECTIONS**

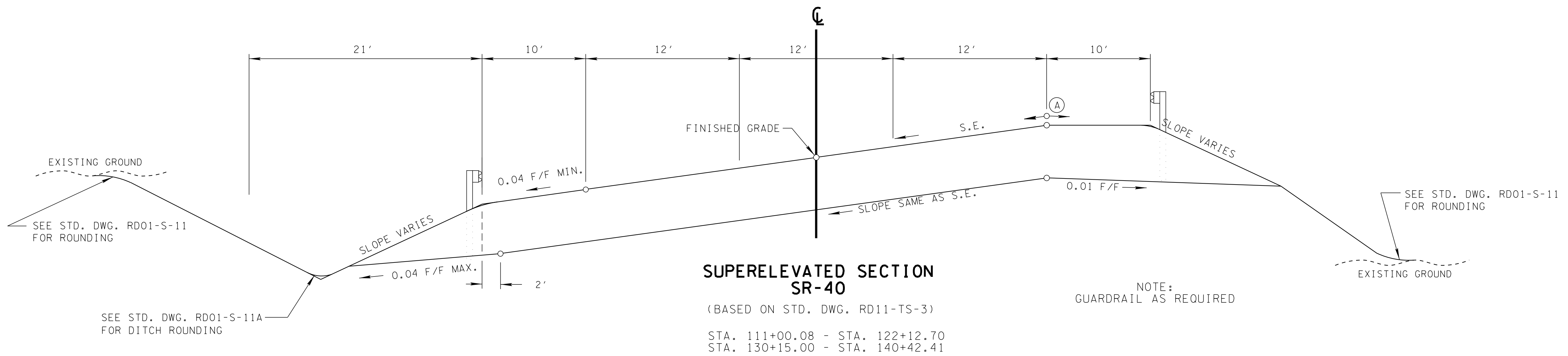
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SEE STD. DWG. RD01-S-11
FOR ROUNDING

SEE STD. DWG. RD01-S-11A
FOR DITCH ROUNDING

SEE STD. DWG. RD01-S-11
FOR ROUNDING

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	2A



**SUPERELEVATED SECTION
SR-40**
(BASED ON STD. DWG. RD11-TS-3)
STA. 111+00.08 - STA. 122+12.70
STA. 130+15.00 - STA. 140+42.41

(A) THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 0.07.

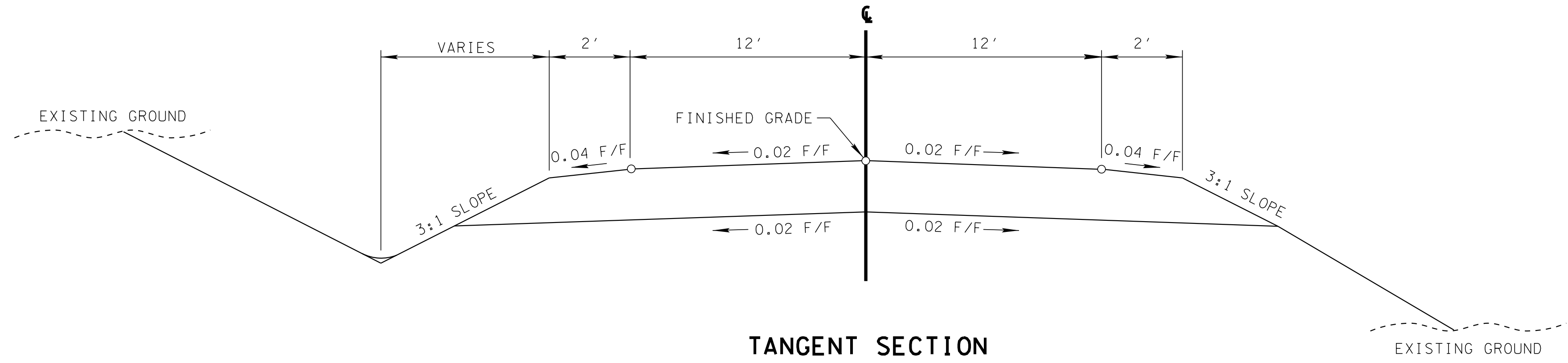
**CAUTION!
PRELIMINARY
PLANS
SUBJECT TO
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SEALED BY

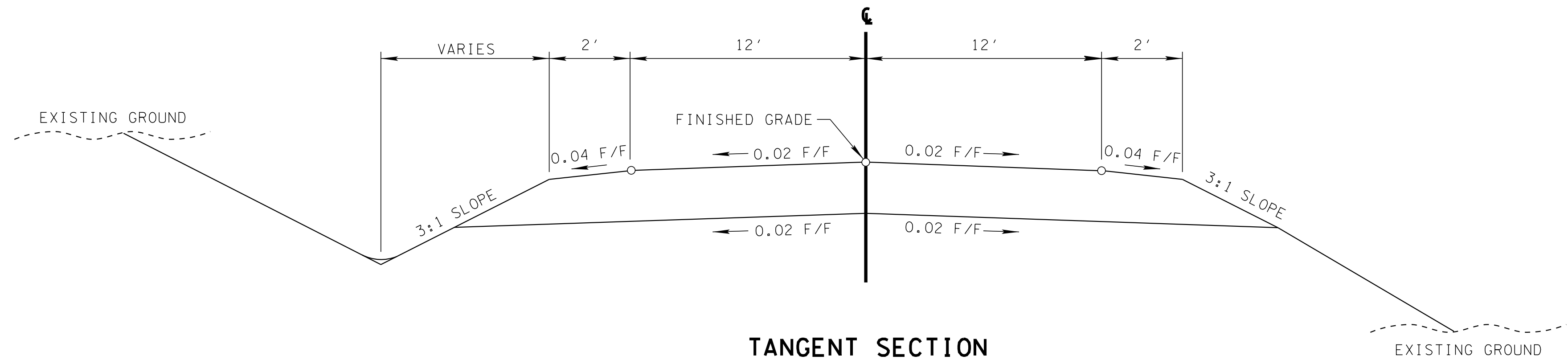
STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

TYPICAL
SECTIONS

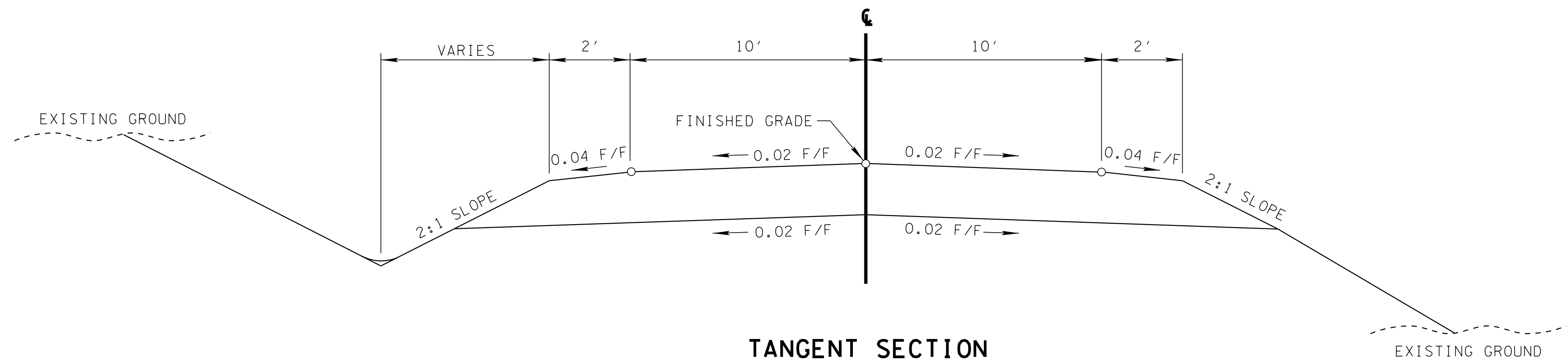
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	2B



**TANGENT SECTION
HILDABRAND ROAD**
(BASED ON STD. DWG. RD11-TS-1)
STA. 10+00.00 TO STA. 7+90.15



**TANGENT SECTION
COOKSON ROAD**
(BASED ON STD. DWG. RD11-TS-1)
STA. 10+00.00 TO STA. 12+00.00



**TANGENT SECTION
WELCOME VALLEY ROAD**
(BASED ON STD. DWG. RD11-TS-1A)
STA. 30+00.00 TO STA. 31+50.00

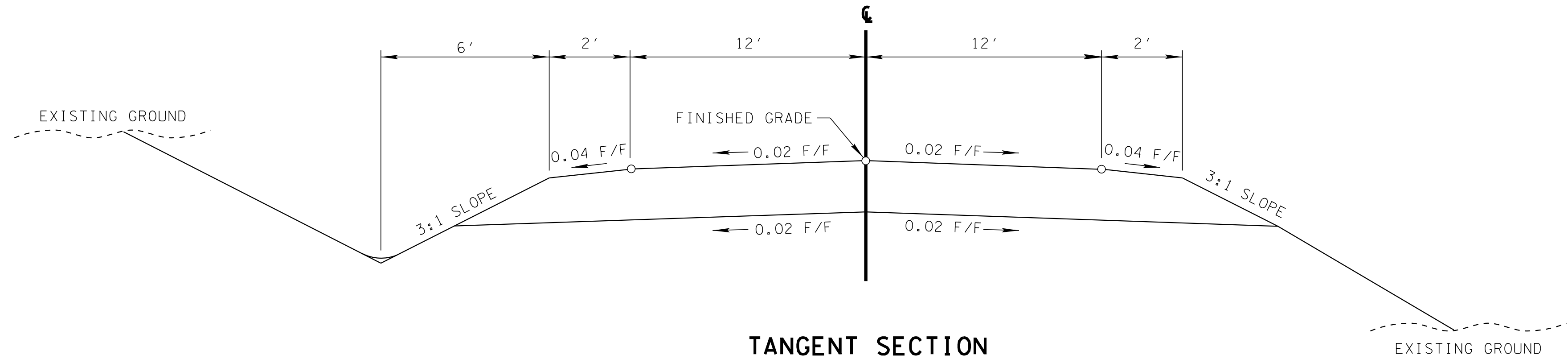
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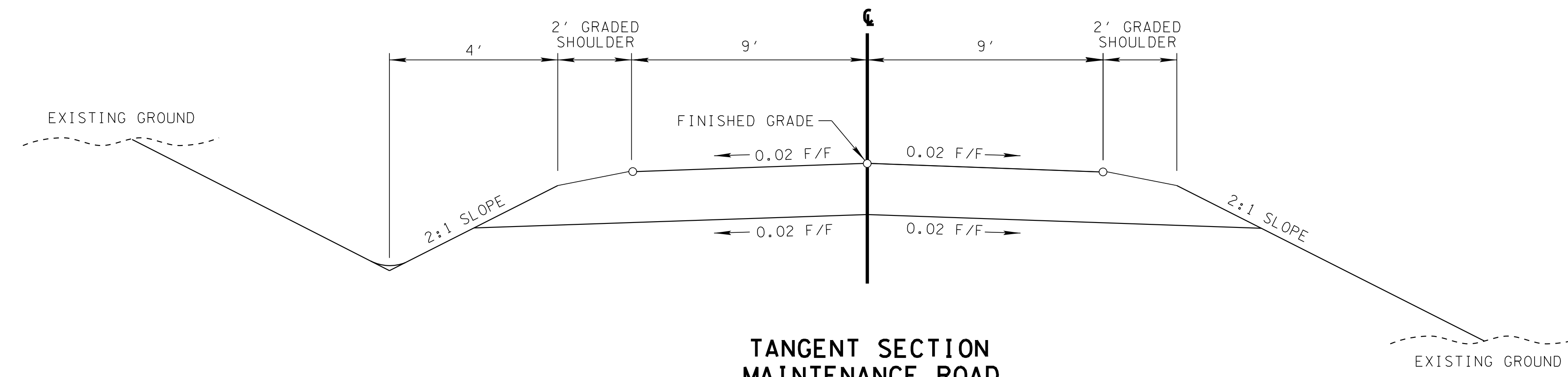
TYPICAL
SECTIONS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	2C



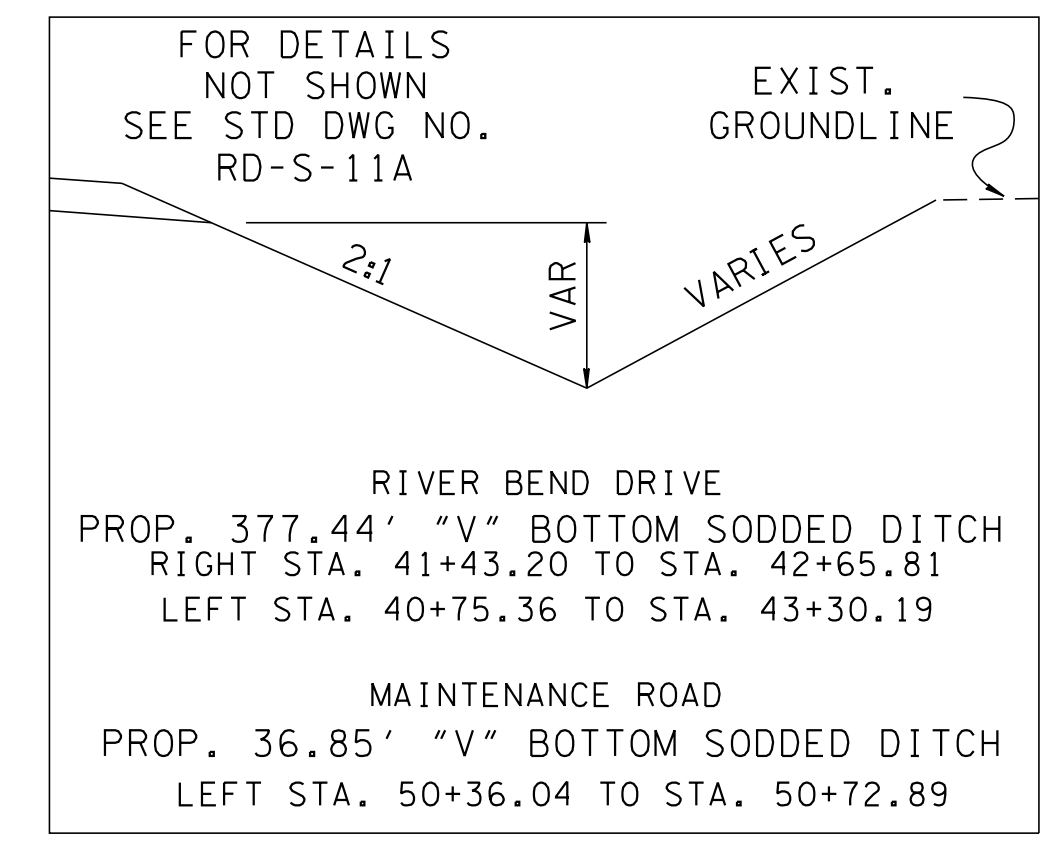
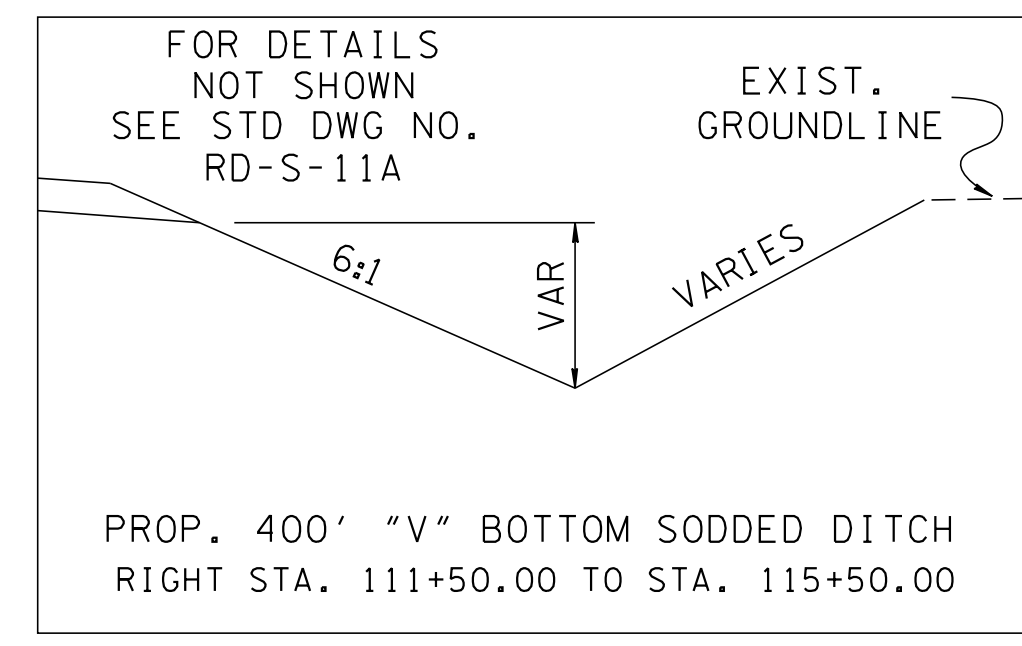
**TANGENT SECTION
RIVERBEND DR.**

(BASED ON STD. DWG. RD11-TS-1)
 STA. 40+00.00 TO STA. 42+22.50
 STA. 42+22.50 TO STA. 45+75.00 (COLD PLANE AND OVERLAY ONLY)



**TANGENT SECTION
MAINTENANCE ROAD**

(BASED ON STD. DWG. RD11-TS-1A)
 STA. 50+00.00 TO STA. 55+64.55
 TO BE GRADED BUT NOT PAVED



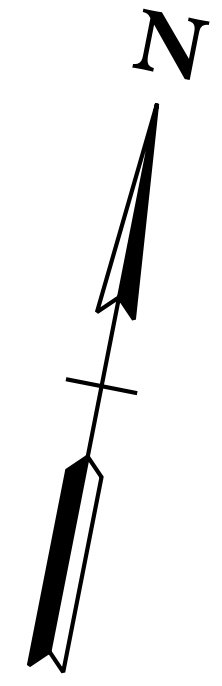
**CAUTION!
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TYPICAL
SECTIONS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	3A



BEGIN PROJ. NO. 70068-1211-94 PRELIM.
LIMIT OF CONSTRUCTION
STA. 101+50.00
N 285824.1695
E 2362473.3265

HILDABRAND RD. STA. 6+90.06
 N 286296.2091
 E 2363298.1295

SR40 STA. 118+71.43 =
 RIVER BEND DR.
 STA. 40+00.00
 N 286101.4386
 E 2364170.0568

100

105

110

115

120

SR-40 STA. 100+00.00
 N 285795.2348
 E 2362326.1437

COOKSON CREEK RD. STA. 12+71.25
 N 285725.5554
 E 2363248.8110

SR-40 STA. 110+00.46 =
 HILDABRAND RD. LT. STA. 10+00.00
 COOKSON CREEK RD. RT. STA. 10+00.00
 N 285988.2218
 E 2363307.8163

CAUTION!
PRELIMINARY
PLANS
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CHANGE

SEALED BY

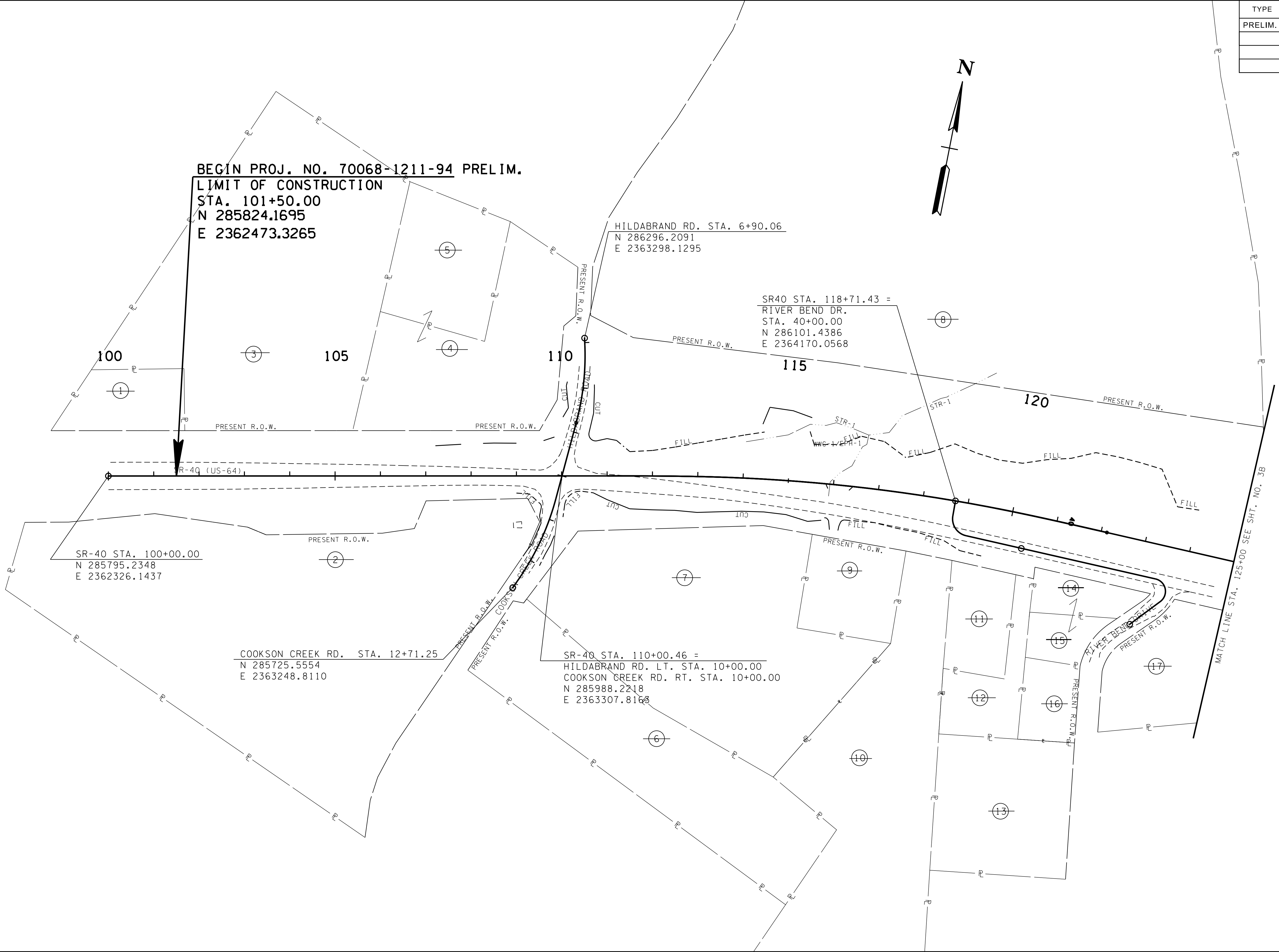
COORDINATES ARE NAD/83(1995),
 ARE DATUM ADJUSTED BY THE
 FACTOR OF 1.000007 AND TIED TO
 THE TGRN. ALL ELEVATIONS ARE
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STATE OF TENNESSEE
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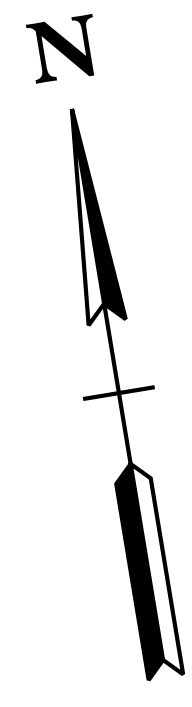
PROPERTY
MAPS

STA. 100+00 TO STA. 125+00
 SCALE: 1"=100'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	3B



BEGIN PROJ. R.O.W.
STA. 127+32.01
 N 286080.9633
 E 2365030.3008

130

(19)

135

140

(20)

145

(21)

SR40 STA. 133+74.89 =
MAINTENANCE RD. STA. 50+00.00
 N 286041.3955
 E 2365671.3378

END PROJ. NO. 70068-1211-94 PRELIM.
STA. 147+00.00
 N 285346.9341
 E 2366786.7241

END PROJ. R.O.W.
STA. 147+00.00
 N 285346.9341
 E 2366786.7241

SR40 STA. 146+10.00 =
WELCOME VALLEY RD. STA. 30+00.00
 N 285400.6354
 E 2366714.5010

WELCOME VALLEY RD. STA. 33+21.24
 N 285691.4713
 E 2366845.8637

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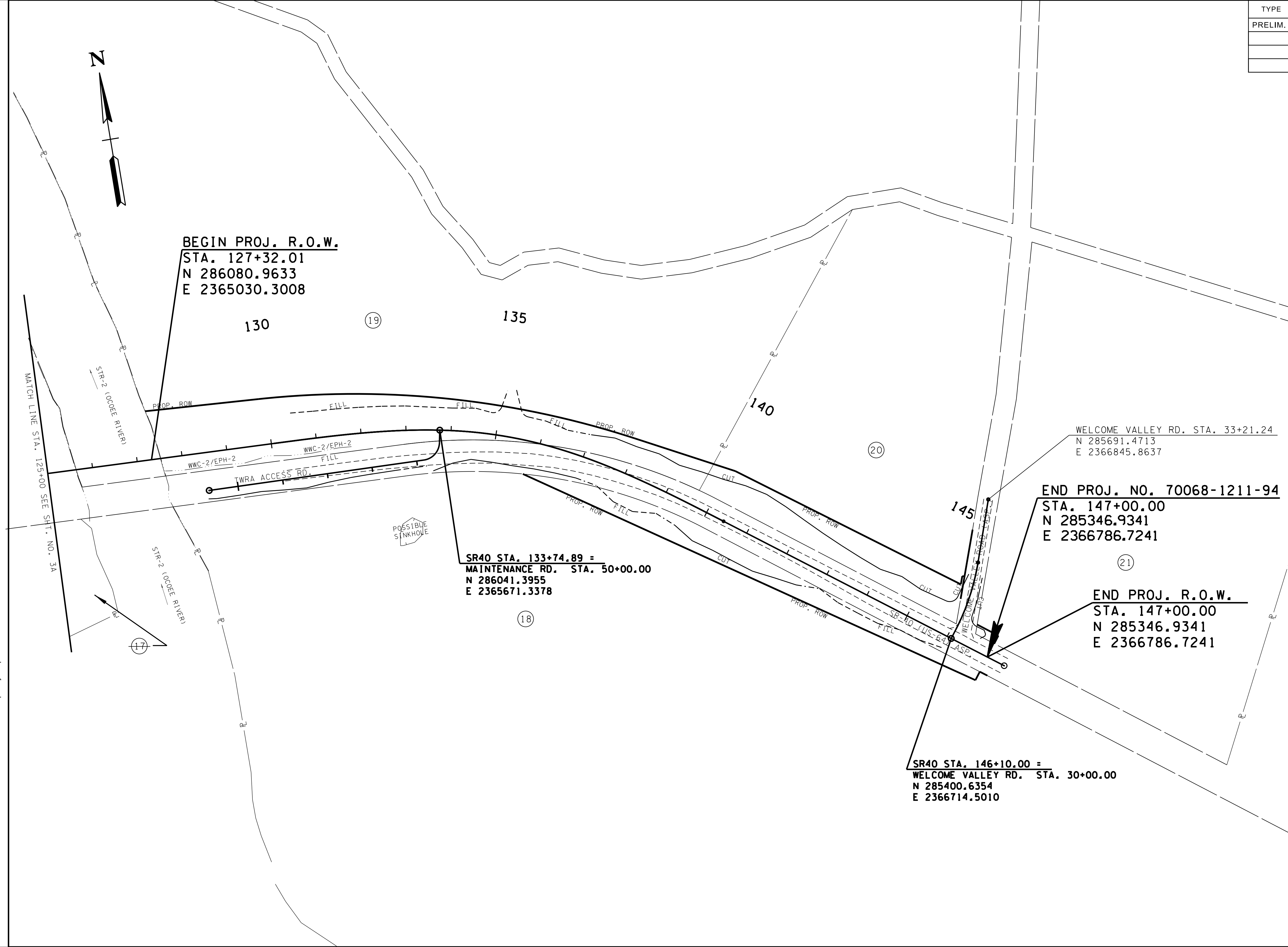
STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

PROPERTY
MAPS

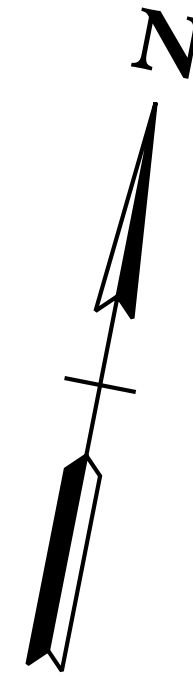
STA.125+00.00 TO STA.147+42.00

SCALE: 1"=100'

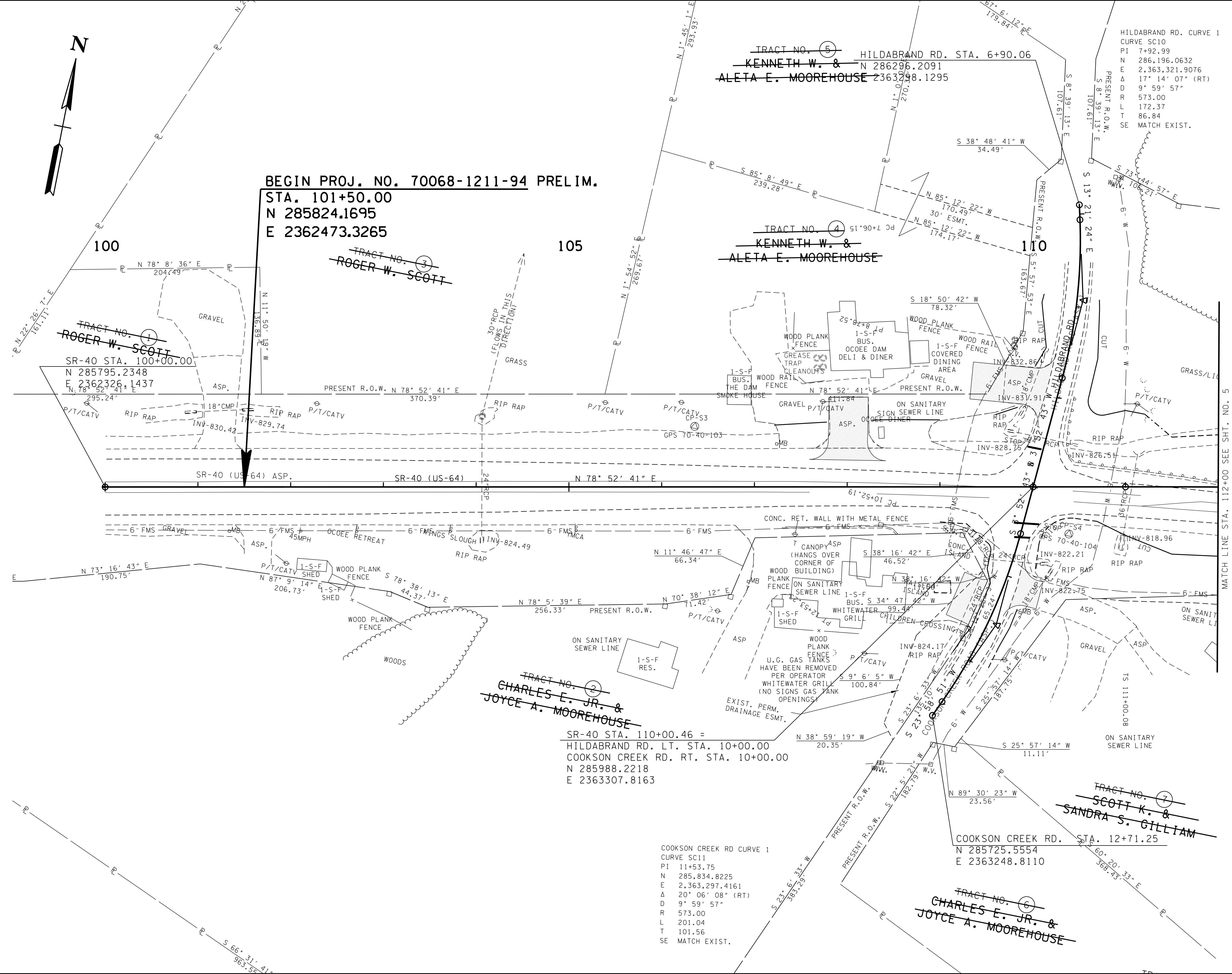
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TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	4



BEGIN PROJ. NO. 70068-1211-94 PRELIM.
 STA. 101+50.00
 N 285824.1695
 E 2362473.3265



MATCH LINE STA. 112+00 SEE SHT. NO. 5

CAUTION!
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STATE OF TENNESSEE
 DEPARTMENT OF
 TRANSPORTATION

PRESENT
 LAYOUT
 STA. 100+00.00 TO STA. 112+00.00
 SCALE: 1"=50'

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COOKSON CREEK RD CURVE 1
 CURVE SC11
 PI 11+53.75
 N 285,834.8225
 E 2,363,297.4161
 Δ 20° 06' 08" (RT)
 D 9° 59' 57"
 R 573.00
 L 201.04
 T 101.56
 SE MATCH EXIST.

HILDABRAND RD. CURVE 1
 CURVE SC10
 PI 7+92.99
 N 286,196.0632
 E 2,363,321.9076
 Δ 17° 14' 07" (RT)
 D 9° 59' 57"
 R 573.00
 L 172.37
 T 86.84
 SE MATCH EXIST.

TRACT NO. ②
 CHARLES E. JR. &
 JOYCE A. MOOREHOUSE
 SR-40 STA. 110+00.46 =
 HILDABRAND RD. LT. STA. 10+00.00
 COOKSON CREEK RD. RT. STA. 10+00.00
 N 285988.2218
 E 2363307.8163

TRACT NO. ⑤
 HILDABRAND RD. STA. 6+90.06
 KENNETH W. &
 ALETA E. MOOREHOUSE 2363298.1295

TRACT NO. ④
 KENNETH W. &
 ALETA E. MOOREHOUSE

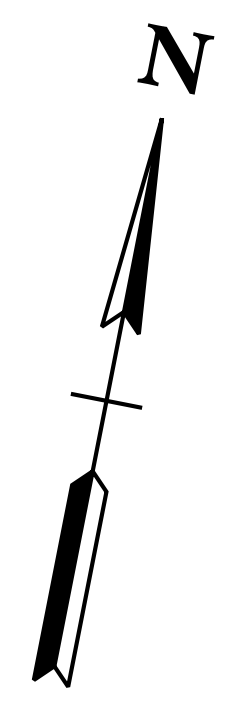
TRACT NO. ⑦
 SCOTT K. &
 SANDRA S. GILLIAM

TRACT NO. ⑥
 CHARLES E. JR. &
 JOYCE A. MOOREHOUSE

TRACT NO. ①
 ROGER W. SCOTT
 SR-40 STA. 100+00.00
 N 285795.2348
 E 2362326.1437

TRACT NO. ③
 ROGER W. SCOTT

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	4A



BEGIN PROJ. NO. 70068-1211-94 PRELIM.
 STA. 101+50.00
 N 285824.1695
 E 2362473.3265

100

105

110

SR-40 STA. 100+00.00
 N 285795.2348
 E 2362326.1437

660' STRIPING TRANSITION
 5 LANES TO 3 LANES

BEGIN STRIPING TRANS.
 STA. 101+92.46

BEGIN FULL DEPTH
 PAVING STA. 107+00

LIMIT OF CONST.
 STA. 0+96.67
 STA. 107+99.88
 24' PVT. DR

END STRIPING TRANS.
 STA. 108+52.46

LIMIT OF CONST.
 STA. 1+95.00
 STA. 8+90.69
 24' PVT. DR

LIMIT OF CONST.
 7+90.15

BEGIN GR LT. STA. 110+39.21
 OFFSET 86.64'

8' OF PROP. 36" RCP EXTENSION
 PROP. 24" RCP

MATCH LINE STA. 112+00 SEE SHT. NO. 5A

SR-40 (US-64) N 78° 52' 41" E

14.75'
12'
12'
14.75'

EXIST. 18" RCP TO REMAIN
 LIMIT OF CONST. STA. 0+45.00

STA. 11+39.76
 24' PVT. DR

R 30'

R 15'

R 10'

R 20'

R 20'

R 20'

R 20'

R 20'

R 20'

R 20'

R 20'

R 20'

R 20'

R 20'

R 20'

R 20'

R 20'

R 20'

R 20'

BEGIN SP. V-DITCH
 STA. 111+50.00
 OFFSET 60.83'

24' PVT. DR
 STA. 11+11.50

STA. 0+40.00
 LIMIT OF CONST.

LIMIT OF CONST.
 12+00.00

SR-40 STA. 110+00.46 =
 HILDABRAND RD. LT. STA. 10+00.00
 COOKSON CREEK RD. RT. STA. 10+00.00
 N 285988.2218
 E 2363307.8163

COOKSON CREEK RD. STA. 12+71.25
 N 285725.5554
 E 2363248.8110

CAUTION!
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COORDINATES ARE NAD/83(1995),
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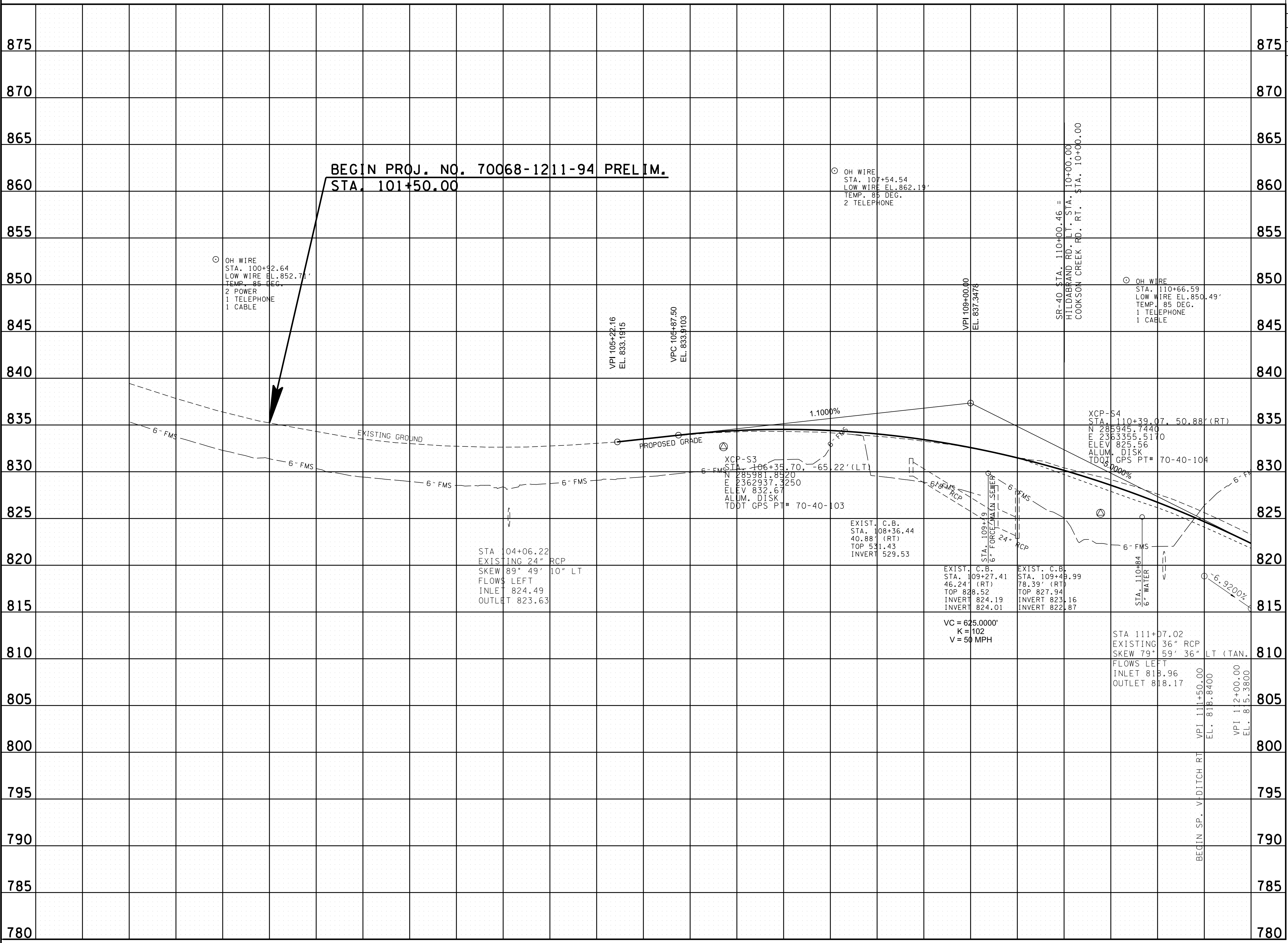
PROPOSED
 LAYOUT

STA. 100+00.00 TO STA. 112+00.00

SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BH-NH-APD-40(37)	4B



CAUTION!
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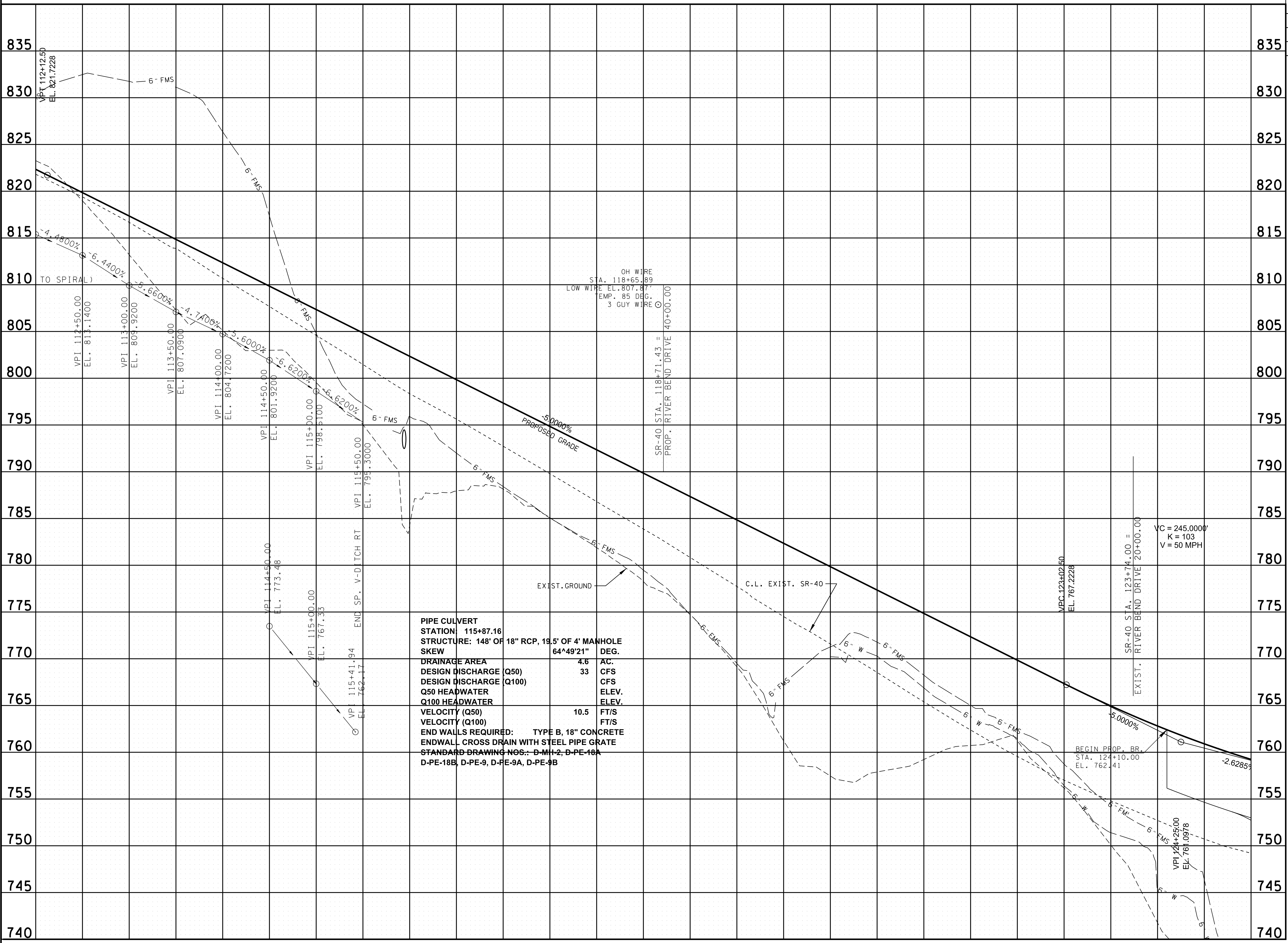
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STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

PROFILE

STA. 100+00.00 TO STA. 112+00.00
 SCALE: 1"=50' HORIZ.
 1"=5' VERT.

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PIPE CULVERT
STATION 115+87.16
STRUCTURE: 148' OF 18" RCP, 19.5' OF 4' MANHOLE
SKEW 64°49'21" DEG.
DRAINAGE AREA 4.6 AC.
DESIGN DISCHARGE (Q50) 33 CFS
DESIGN DISCHARGE (Q100) CFS
Q50 HEADWATER ELEV.
Q100 HEADWATER ELEV.
VELOCITY (Q50) 10.5 FT/S
VELOCITY (Q100) FT/S
END WALLS REQUIRED: TYPE B, 18" CONCRETE
ENDWALL CROSS DRAIN WITH STEEL PIPE GRATE
STANDARD DRAWING NOS.: D-MH-2, D-PE-18A
D-PE-18B, D-PE-9, D-PE-9A, D-PE-9B

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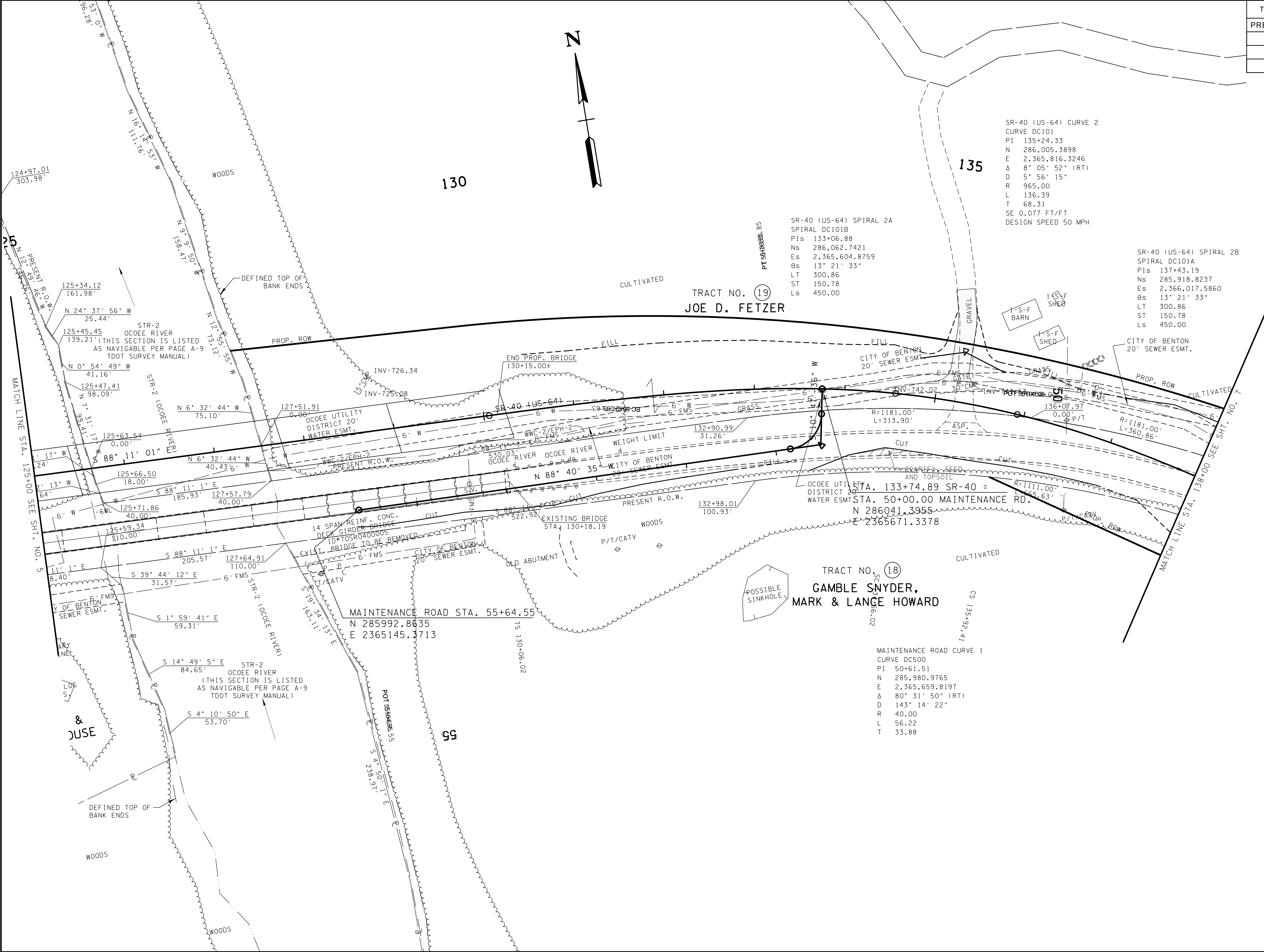
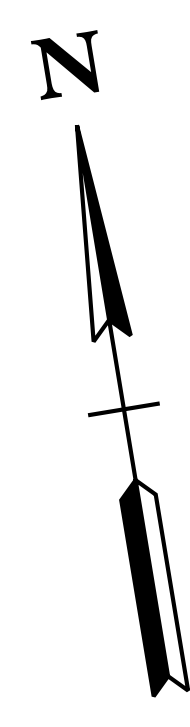
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STATE OF TENNESSEE
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PROFILE

STA. 112+00.00 TO STA. 125+00.00
 SCALE: 1"=50' HORIZ.
 1"=5' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	6



SR-40 (US-64) CURVE 2
 CURVE DC101
 PI 135+24.33
 N 286,005.3898
 E 2,365,816.3246
 Δ 8° 05' 52" (RT)
 D 5° 56' 15"
 R 965.00
 L 136.39
 T 68.31
 SE 0.077 FT/FT
 DESIGN SPEED 50 MPH

SR-40 (US-64) SPIRAL 2A
 SPIRAL DC101B
 PIs 133+06.88
 Ns 286,062.7421
 Es 2,365,604.8759
 Os 13° 21' 33"
 LT 300.86
 ST 150.78
 Ls 450.00

SR-40 (US-64) SPIRAL 2B
 SPIRAL DC101A
 PIs 137+43.19
 Ns 285,918.8237
 Es 2,366,017.5860
 Os 13° 21' 33"
 LT 300.86
 ST 150.78
 Ls 450.00

MAINTENANCE ROAD CURVE 1
 CURVE DC500
 PI 50+61.51
 N 285,980.9765
 E 2,365,659.8197
 Δ 80° 31' 50" (RT)
 D 143° 14' 22"
 R 40.00
 L 56.22
 T 33.88

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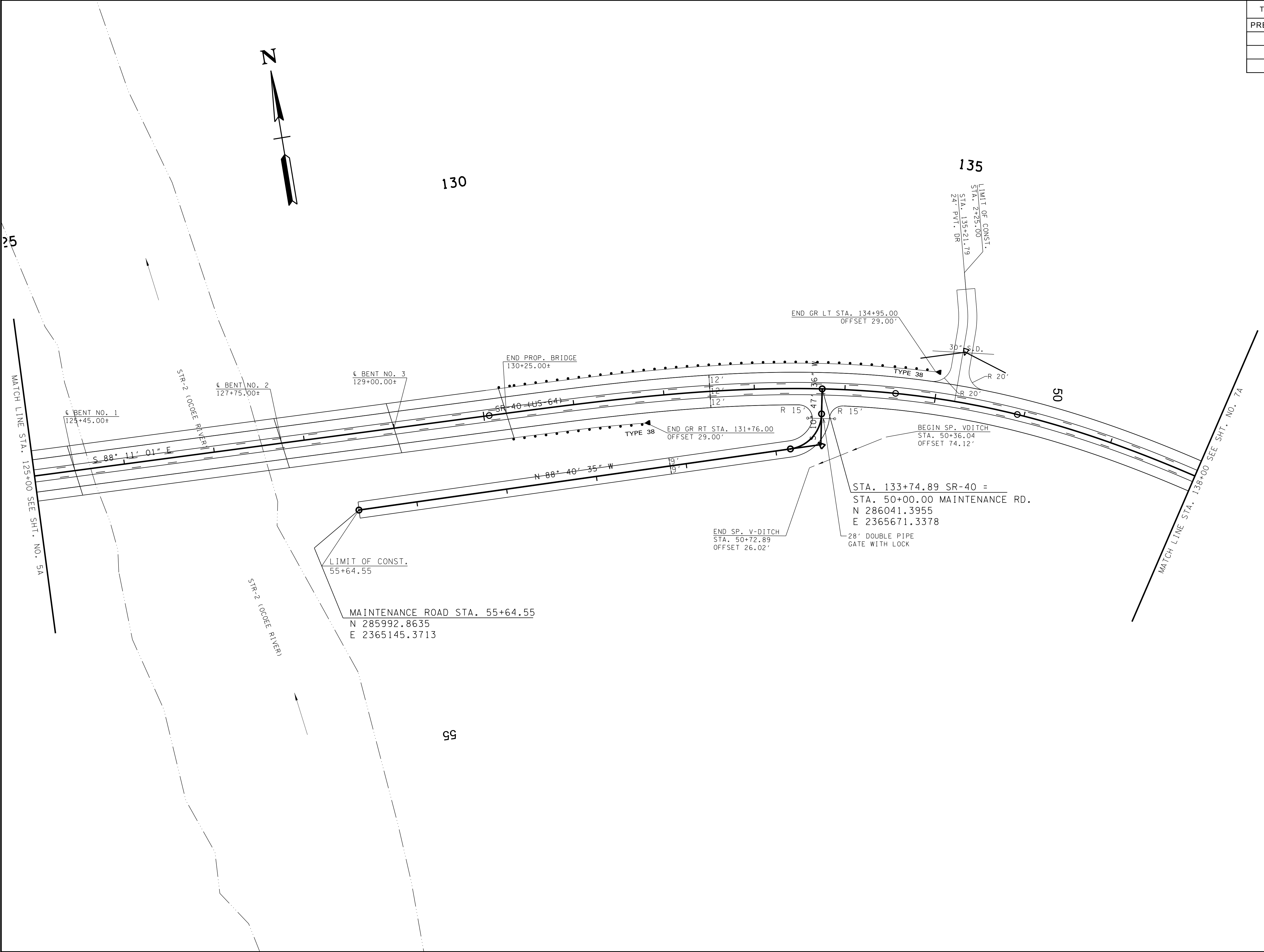
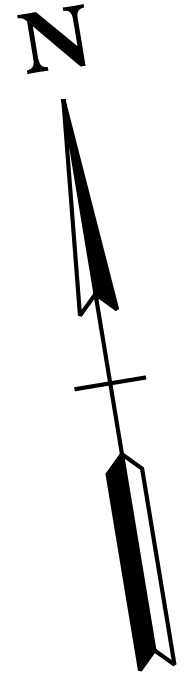
STATE OF TENNESSEE
 DEPARTMENT OF
 TRANSPORTATION

PRESENT
 LAYOUT

STA.125+00.00 TO STA.138+00.00
 SCALE: 1"=50'

CELL BDRSHT
 4/8/2019 3:31:40 PM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	6A



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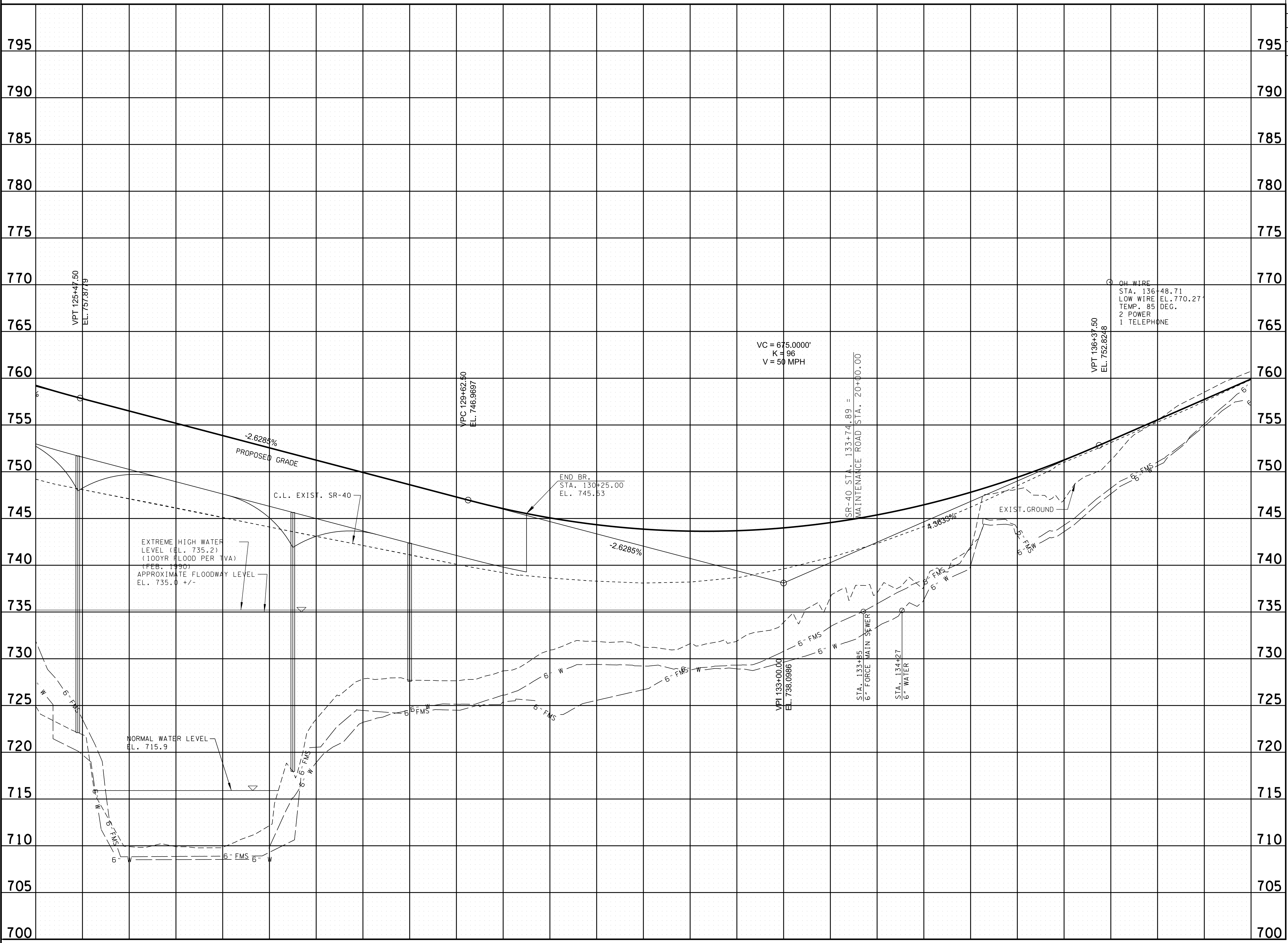
STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

PROPOSED
LAYOUT

STA.125+00.00 TO STA.138+00.00
SCALE: 1"=50'

CELL_BDR2ND
4/8/2019 3:31:41 PM
K:\1925812\1\Ocoee River SR 40 TDOT\CAD\006A -ProposedLayout.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	6B



CAUTION!
PRELIMINARY
PLANS
SUBJECT TO
CHANGE

SEALED BY

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STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

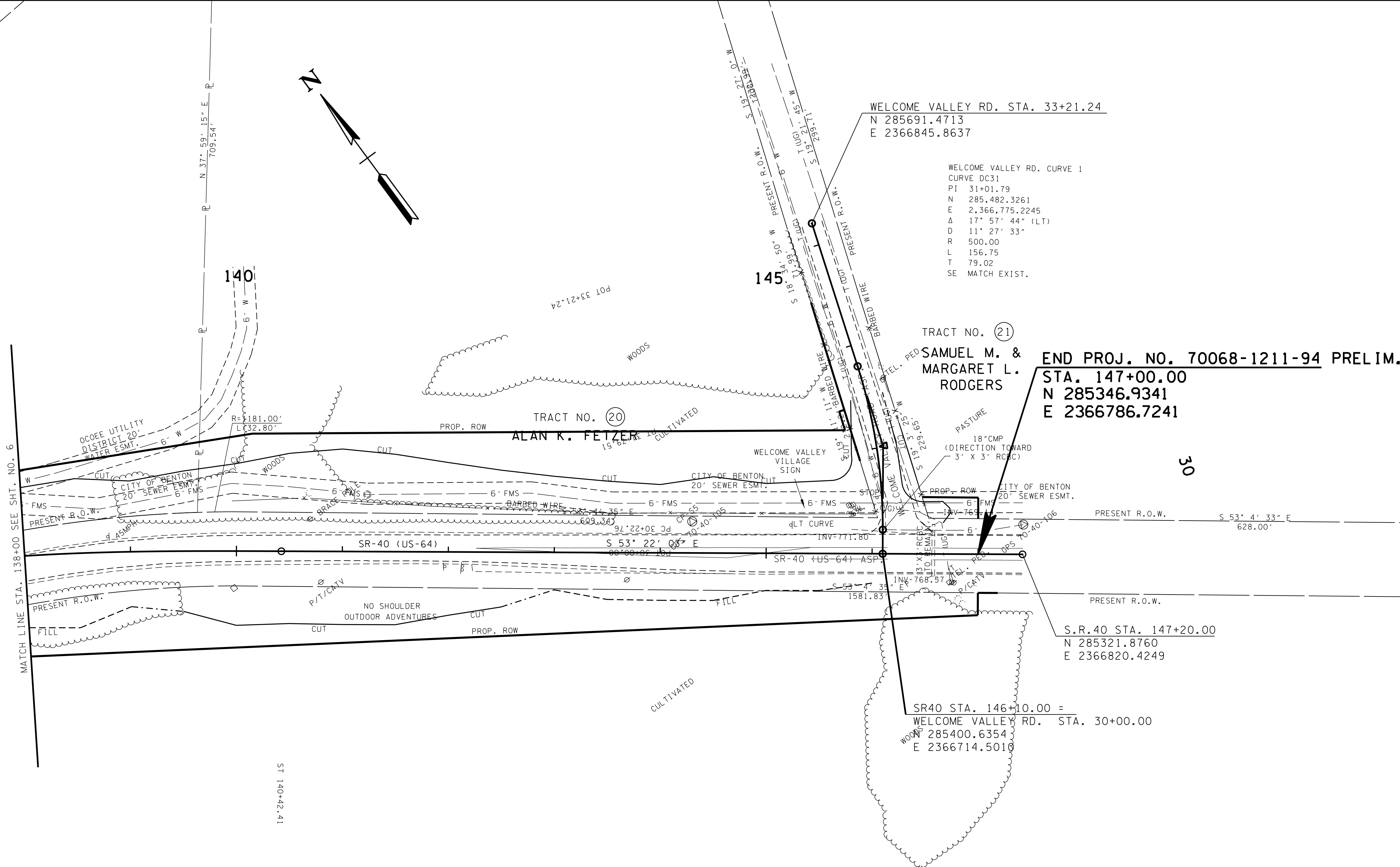
PROFILE

STA. 125+00.00 TO STA. 138+00.00

SCALE: 1"=50' HORIZ.
1"=5' VERT.

CELL MGRID
4/8/2019 3:31:41 PM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	7



WELCOME VALLEY RD. STA. 33+21.24
 N 285691.4713
 E 2366845.8637

WELCOME VALLEY RD. CURVE 1
 CURVE DC31
 PI 31+01.79
 N 285,482.3261
 E 2,366,775.2245
 Δ 17° 57' 44" (LT)
 D 11' 27' 33"
 R 500.00
 L 156.75
 T 79.02
 SE MATCH EXIST.

TRACT NO. 21
 SAMUEL M. & MARGARET L. RODGERS
 END PROJ. NO. 70068-1211-94 PRELIM.
 STA. 147+00.00
 N 285346.9341
 E 2366786.7241

S.R.40 STA. 147+20.00
 N 285321.8760
 E 2366820.4249

SR40 STA. 146+10.00 =
 WELCOME VALLEY RD. STA. 30+00.00
 N 285400.6354
 E 2366714.5010

CAUTION!
PRELIMINARY
PLANS
SUBJECT TO
CHANGE

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000007 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

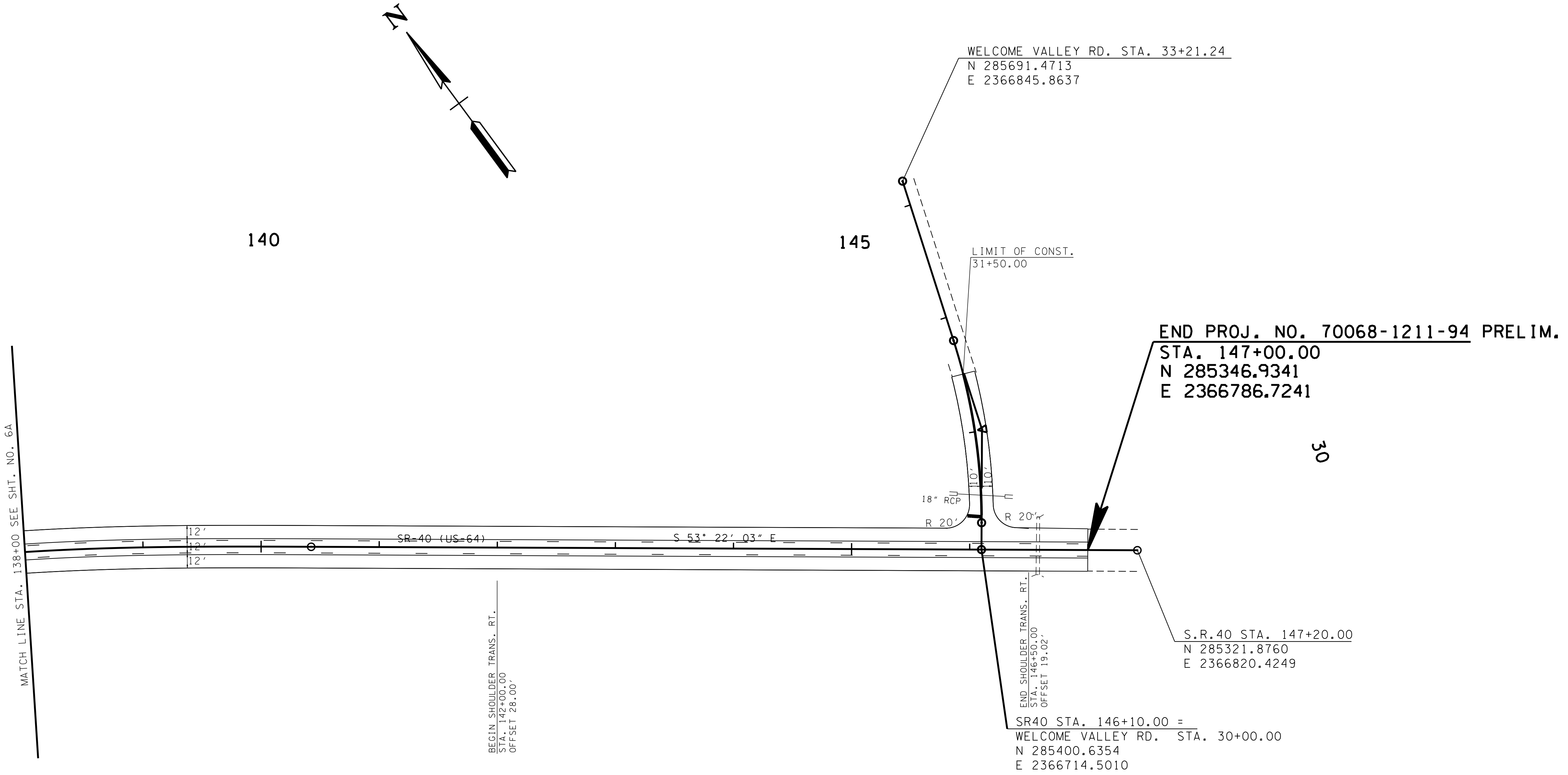
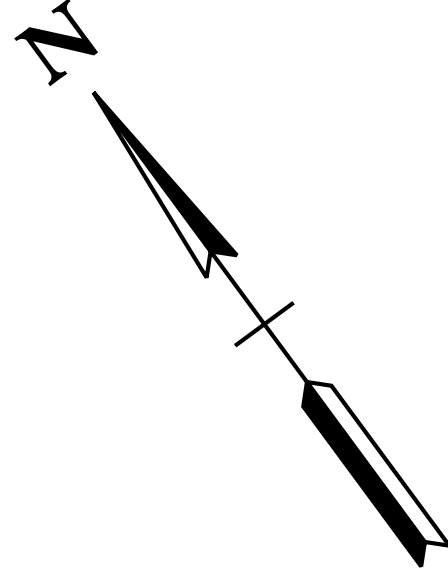
STATE OF TENNESSEE
 DEPARTMENT OF
 TRANSPORTATION

PRESENT
 LAYOUT

STA.138+00.00 TO STA.147+42.00
 SCALE: 1"=50'

CELL BDRSHT
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 K:\19258121\Ocoee River SR 40 TDOT\CAD\007 -PresentLayout.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	7A



MATCH LINE STA. 138+00 SEE SHT. NO. 6A

140

145

30

CAUTION!
PRELIMINARY
PLANS
SUBJECT TO
CHANGE

SEALED BY

COORDINATES ARE NAD/83(1995),
ARE DATUM ADJUSTED BY THE
FACTOR OF 1.000007 AND TIED TO
THE TGRN. ALL ELEVATIONS ARE
REFERENCED TO THE NAVD 1988.

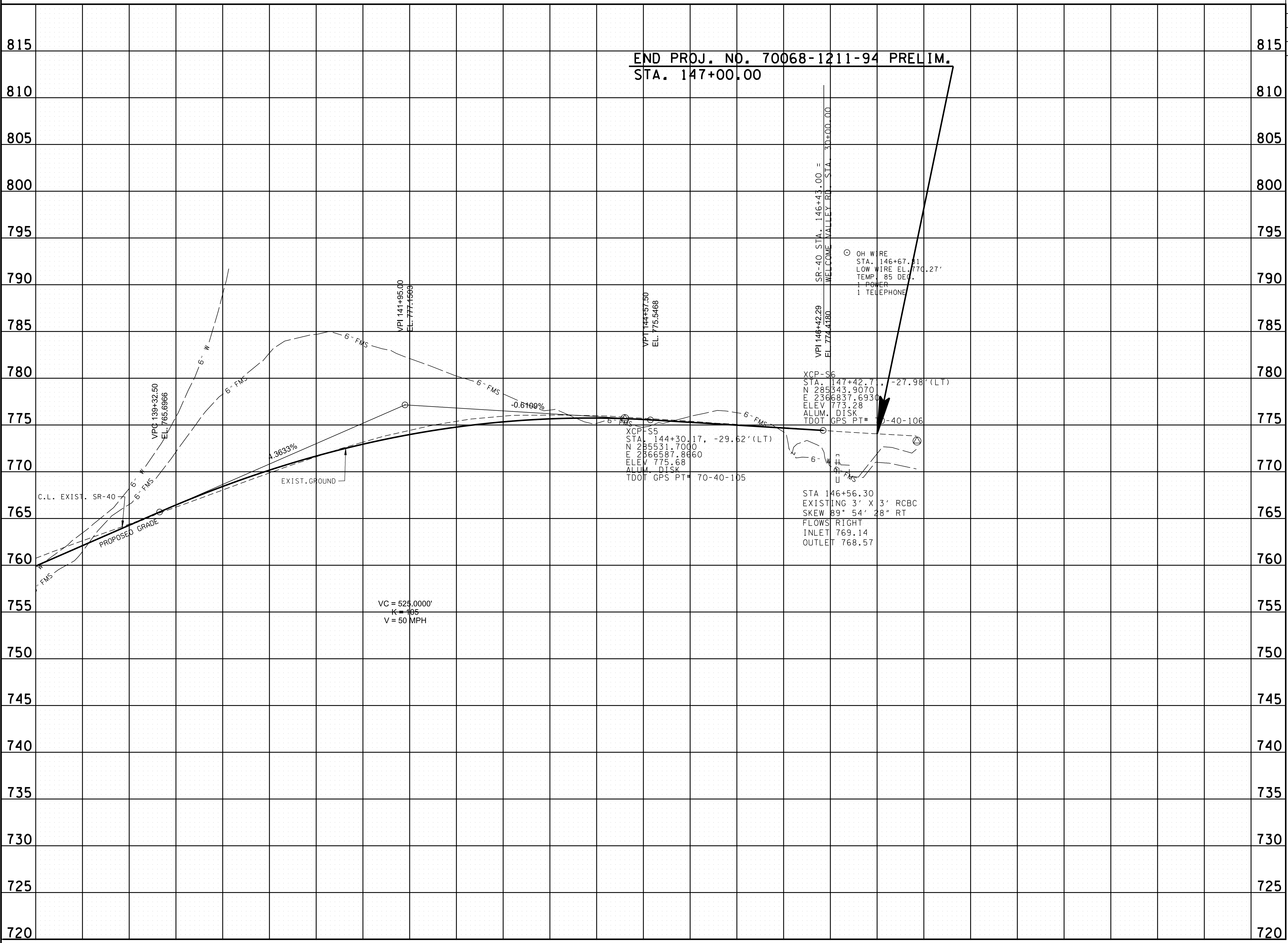
STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

PROPOSED
LAYOUT

STA. 138+00.00 TO STA. 147+42.00

SCALE: 1"= 50'

END PROJ. NO. 70068-1211-94 PRELIM.
STA. 147+00.00



CAUTION!
PRELIMINARY
PLANS
SUBJECT TO
CHANGE

SEALED BY

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STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

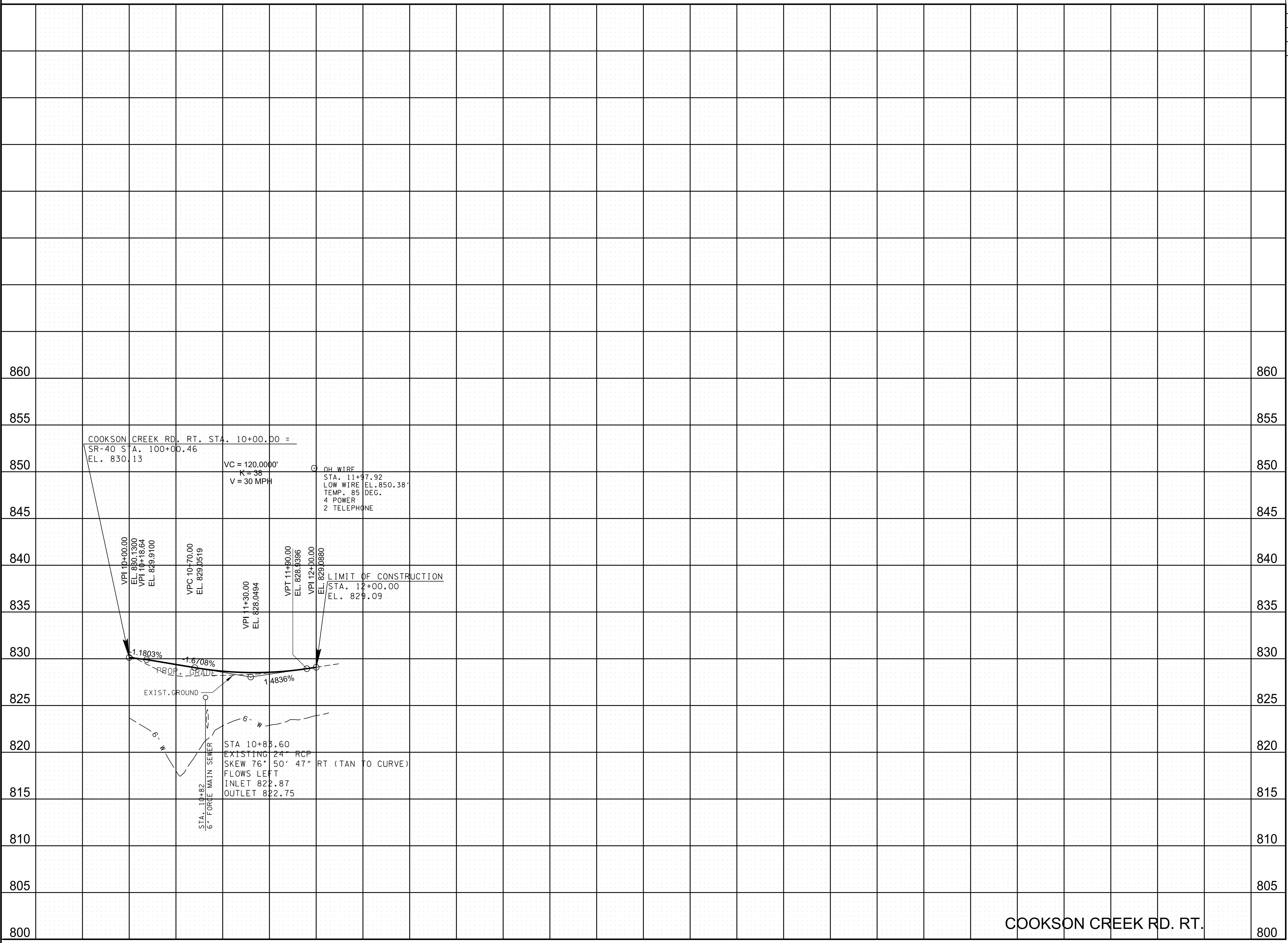
PROFILE

STA. 138+00.00 TO STA. 147+42.00

SCALE: 1"=50' HORIZ.
1"=5' VERT.

CELL MGRID
4/8/2019 3:31:43 PM
K:\19256121\Ocoee River SR 40 TDOT\CAD\007B - Profile.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	8



COOKSON CREEK RD. RT.

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

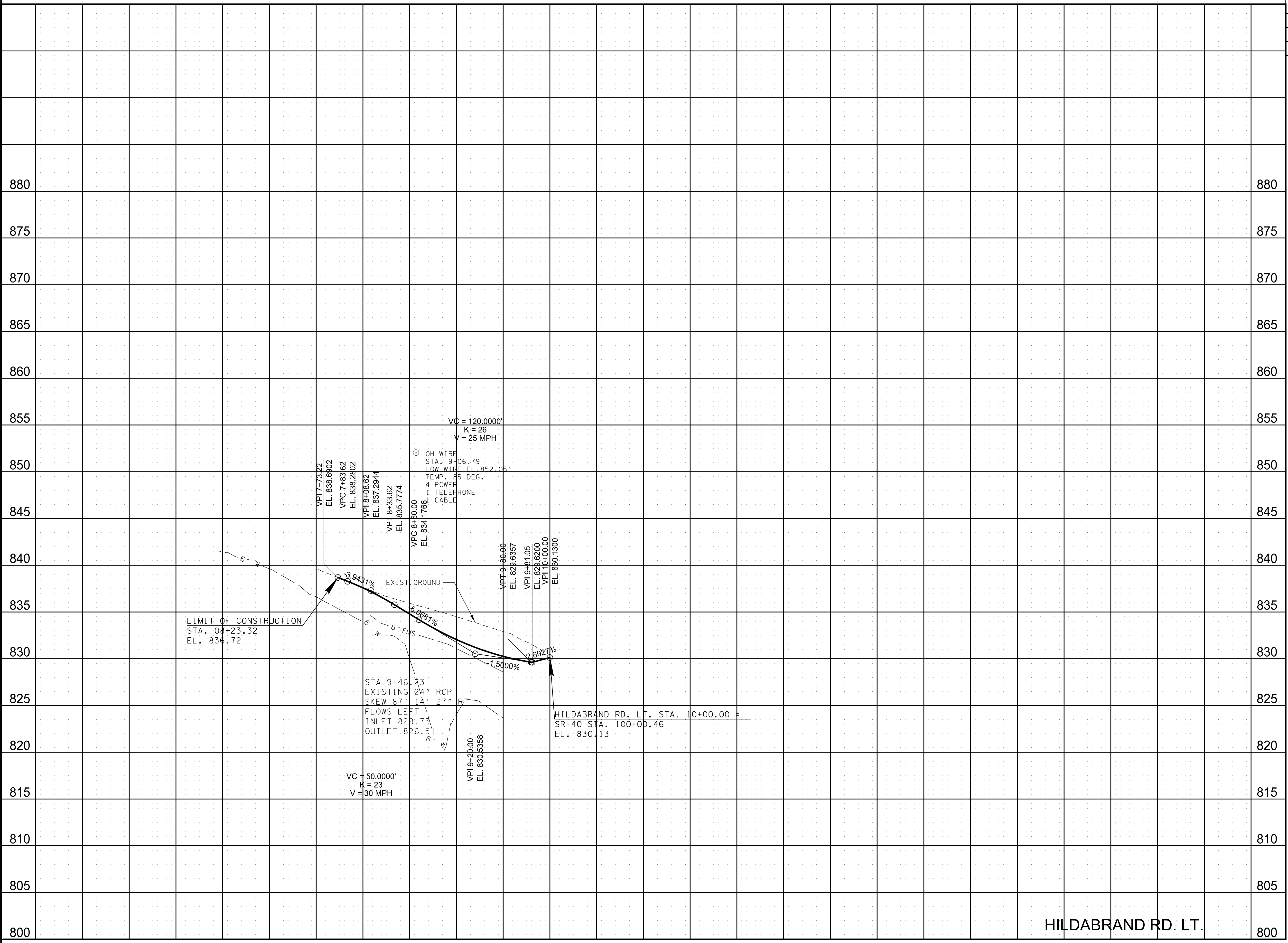
STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

SIDE ROAD
PROFILES

SCALE: 1"=50' HORIZ.
1"=5' VERT.

CELL MGRID
4/8/2019 3:31:44 PM
K:\19256121\Ocoee River SR 40 TDOT\CAD\008 -CooksonProfile.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	9



SEALED BY

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STATE OF TENNESSEE
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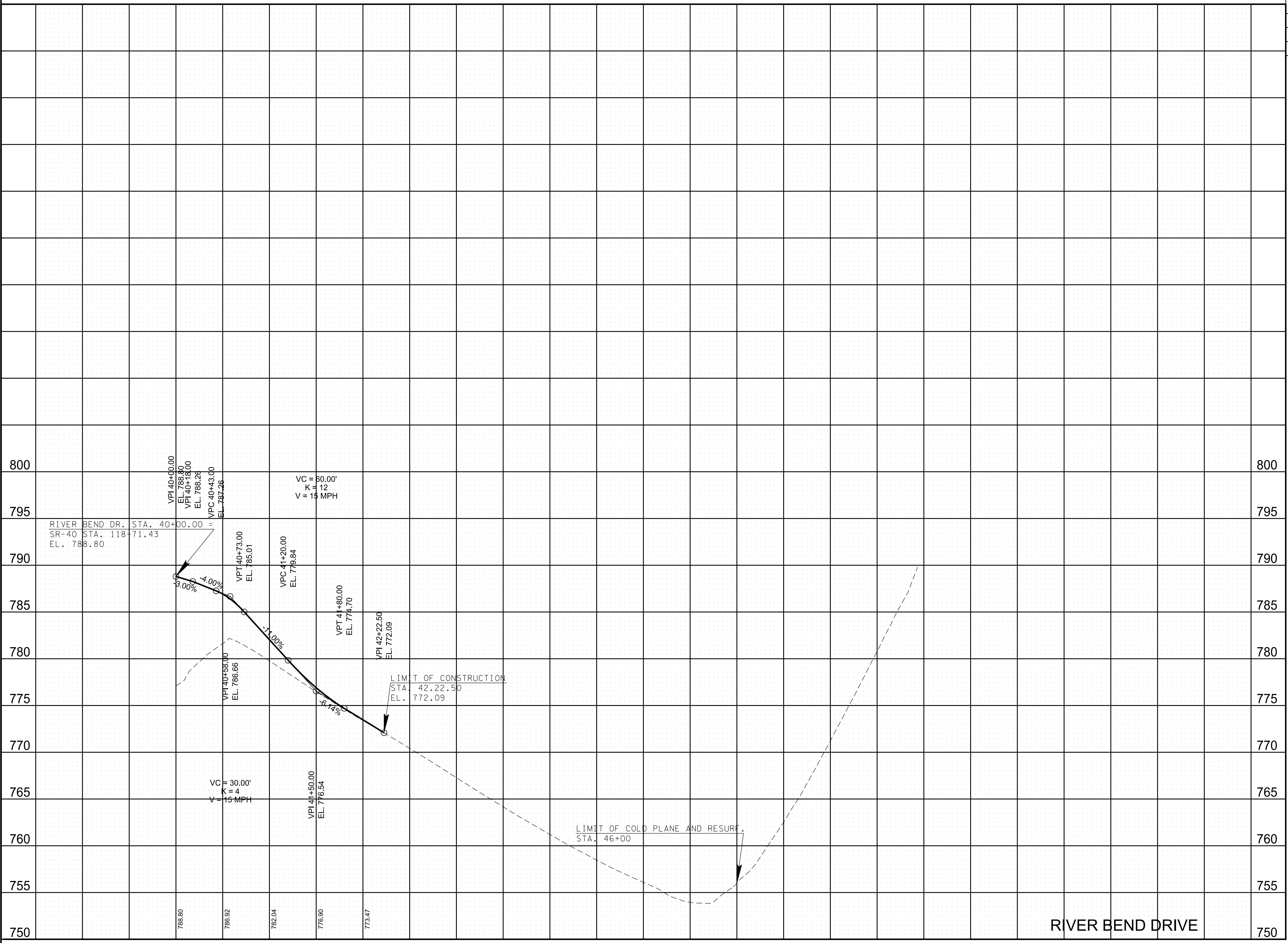
SIDE ROAD
PROFILES

SCALE: 1"=50' HORIZ.
1"=5' VERT.

HILDABRAND RD. LT.

CELL MGRID
4/8/2019 3:31:44 PM
K:\19256121\Ocoee River SR 40 TDOT\CAD\009 -HildabrandProfile.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	10



CELL MGRID
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SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

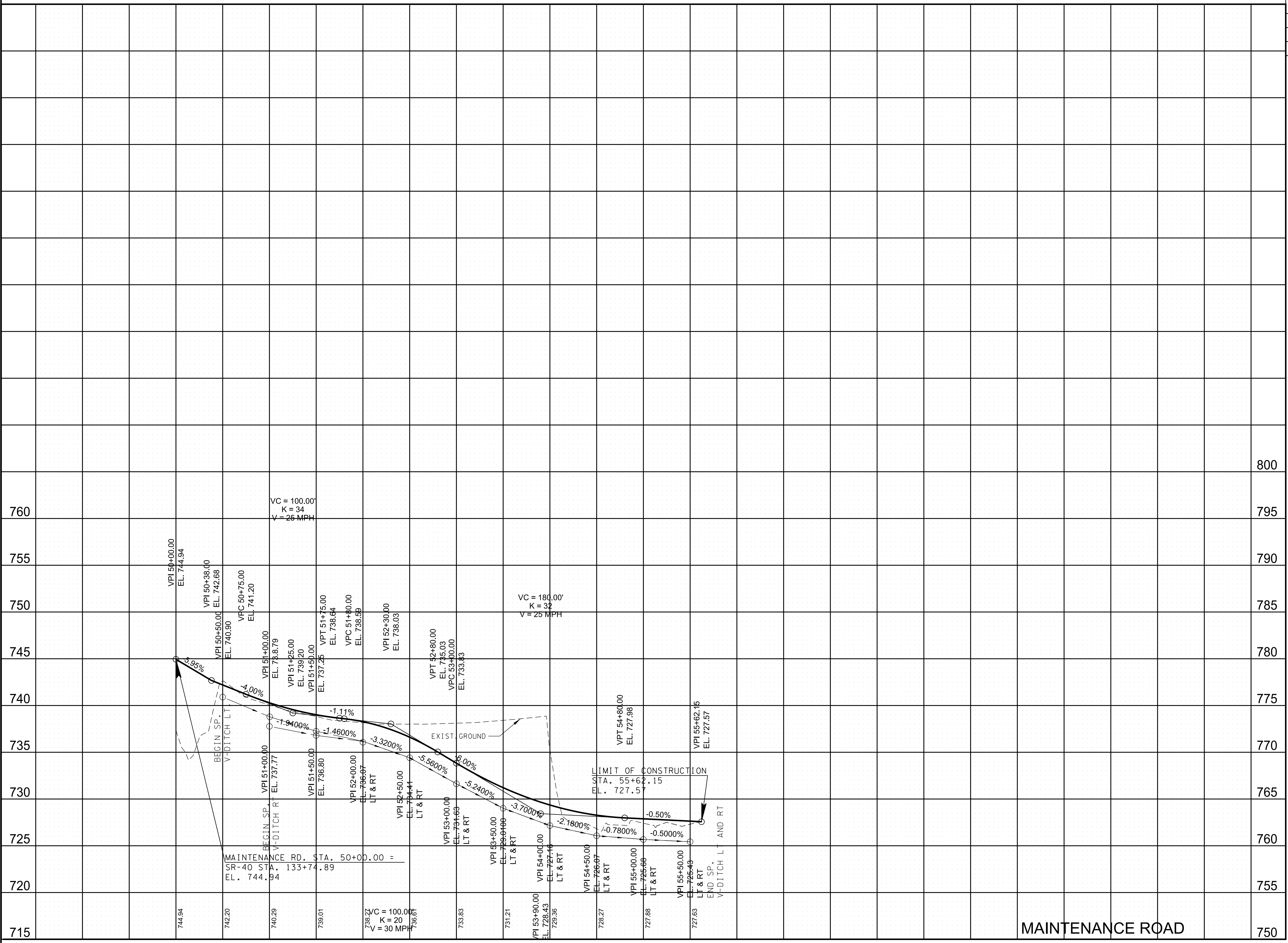
**STATE OF TENNESSEE
 DEPARTMENT OF
 TRANSPORTATION**

**SIDE ROAD
 PROFILES**

SCALE: 1"=50' HORIZ.
 1"=5' VERT.

RIVER BEND DRIVE

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	11



800
795
790
785
780
775
770
765
760
755
750

MAINTENANCE ROAD

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

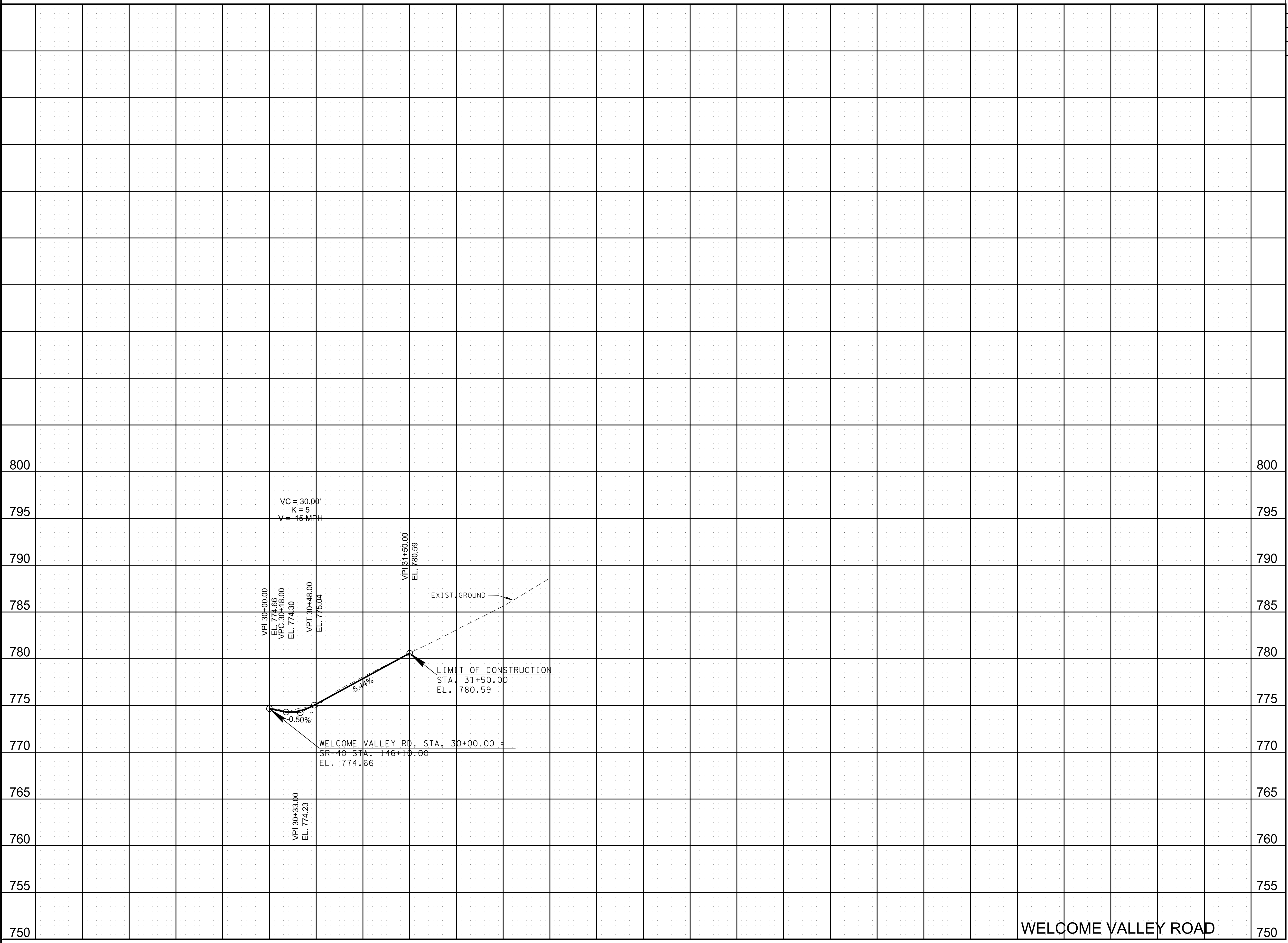
STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

SIDE ROAD
PROFILES

SCALE: 1"=50' HORIZ.
1"=5' VERT.

CELL MGRID
4/8/2019 3:31:46 PM
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TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	12



CELL MGRID
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SEALED BY

COORDINATES ARE NAD/83(1995),
 ARE DATUM ADJUSTED BY THE
 FACTOR OF 1.000 AND TIED TO
 THE TGRN. ALL ELEVATIONS ARE
 REFERENCED TO THE NAVD 1988.

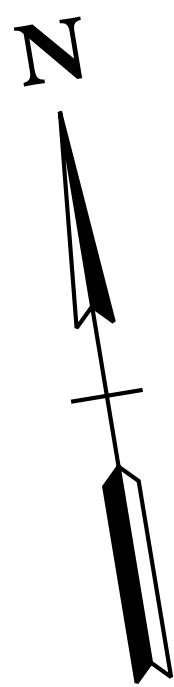
**STATE OF TENNESSEE
 DEPARTMENT OF
 TRANSPORTATION**

**SIDE ROAD
 PROFILES**

SCALE: 1"=50' HORIZ.
 1"=5' VERT.

WELCOME VALLEY ROAD

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	13



BEGIN PROJ. NO. 70068-1211-94 PRELIM.
 STA. 101+50.00
 N 285824.1695
 E 2362473.3265

DRAINAGE DATA FOR PIPE
 STATION 104+06.22 SR-40
 DIRECTION OF FLOW: LEFT
 DRAINAGE AREA 5.45 AC., () FLAT; (X) ROLLING; () HILLY; () MTNS.
 PRESENT STRUCTURE: 30" RCP
 EXISTING STRUCTURE CONDITION: GOOD
 REMARKS:

HILDABRAND RD. STA. 6+90.06
 N 286296.2091
 E 2363298.1295

100
 SR-40 STA. 100+00.00
 N 285795.2348
 E 2362326.1437

110
 DRAINAGE DATA FOR PIPE
 STATION 9+46.23 HILDABRAND RD.
 DIRECTION OF FLOW: LEFT
 DRAINAGE AREA 3.67 AC., () FLAT; (X) ROLLING; () HILLY; () MTNS.
 PRESENT STRUCTURE: 24" RCP
 EXISTING STRUCTURE CONDITION: GOOD
 REMARKS:

115
 SR40 STA. 118+71.43 =
 RIVERBEND DR. EXTENSION
 STA. 40+00.00
 N 286101.4386
 E 2364170.0868

DRAINAGE DATA FOR PIPE
 STATION 104+06.22 SR-40
 DIRECTION OF FLOW: LEFT
 DRAINAGE AREA 8.42 AC., () FLAT; (X) ROLLING; () HILLY; () MTNS.
 PRESENT STRUCTURE: 24" RCP
 EXISTING STRUCTURE CONDITION: GOOD
 REMARKS:

SR-40 STA. 110+00.46 =
 HILDABRAND RD. LT. STA. 10+00.00
 COOKSON CREEK RD. RT. STA. 10+00.00
 N 285988.2218
 E 2363307.8163

COOKSON CREEK RD. STA. 12+71.25
 N 285725.5554
 E 2363248.8110

DRAINAGE DATA FOR PIPE
 STATION 115+87.85
 DIRECTION OF FLOW: LEFT
 DRAINAGE AREA 4.23 AC., () FLAT; () ROLLING; () HILLY; () MTNS.
 PRESENT STRUCTURE: 18" CMP
 EXISTING STRUCTURE CONDITION: FAIR
 REMARKS:

DRAINAGE DATA FOR PIPE
 STATION 21+03.05 RIVER BEND DR.
 DIRECTION OF FLOW: LEFT
 DRAINAGE AREA 2.75 AC., () FLAT; () ROLLING; (X) HILLY; () MTNS.
 PRESENT STRUCTURE: 24" CMP
 EXISTING STRUCTURE CONDITION: FAIR
 REMARKS:

DRAINAGE DATA FOR PIPE
 STATION 119+91.09 SR-40
 DIRECTION OF FLOW: LEFT
 DRAINAGE AREA 7.14 AC., () FLAT; () ROLLING; (X) HILLY; () MTNS.
 PRESENT STRUCTURE: 24" CMP
 EXISTING STRUCTURE CONDITION: FAIR
 REMARKS:

DRAINAGE DATA FOR PIPE
 STATION 10+83.60 COOKSON CREEK RD.
 DIRECTION OF FLOW: LEFT
 DRAINAGE AREA 6.79 AC., () FLAT; (X) ROLLING; () HILLY; () MTNS.
 PRESENT STRUCTURE: 24" RCP
 EXISTING STRUCTURE CONDITION: GOOD
 REMARKS:

DRAINAGE DATA FOR PIPE
 STATION 111+07.02
 DIRECTION OF FLOW: LEFT
 DRAINAGE AREA 20.47 AC., () FLAT; (X) ROLLING; () HILLY; () MTNS.
 PRESENT STRUCTURE: 36" RCP
 EXISTING STRUCTURE CONDITION: GOOD
 REMARKS:

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PLANS
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DRAINAGE
 MAPS

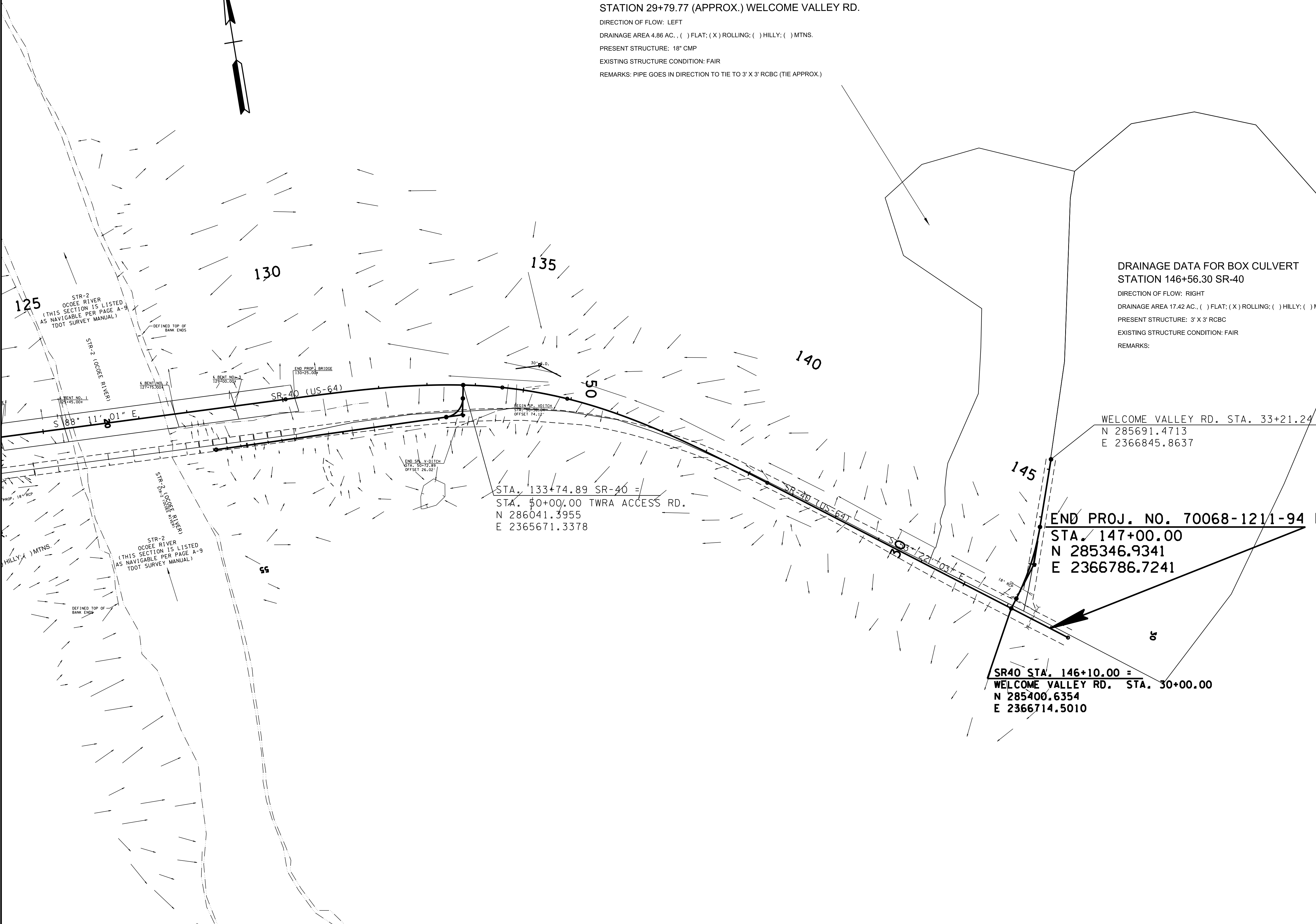
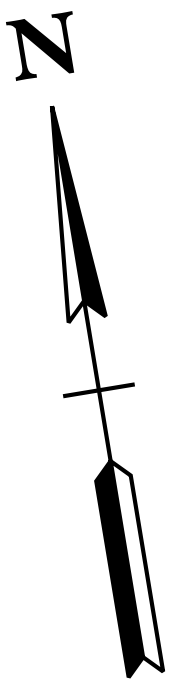
STA. 100+00 TO STA. 125+00
 SCALE: 1"=100'

CELL BDRSHT
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TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	13A

**DRAINAGE DATA FOR BOX CULVERT
STATION 29+79.77 (APPROX.) WELCOME VALLEY RD.**

DIRECTION OF FLOW: LEFT
DRAINAGE AREA 4.86 AC. () FLAT; (X) ROLLING; () HILLY; () MTNS.
PRESENT STRUCTURE: 18" CMP
EXISTING STRUCTURE CONDITION: FAIR
REMARKS: PIPE GOES IN DIRECTION TO TIE TO 3' X 3' RCBC (TIE APPROX.)



**DRAINAGE DATA FOR BOX CULVERT
STATION 146+56.30 SR-40**

DIRECTION OF FLOW: RIGHT
DRAINAGE AREA 17.42 AC. () FLAT; (X) ROLLING; () HILLY; () MTNS.
PRESENT STRUCTURE: 3' X 3' RCBC
EXISTING STRUCTURE CONDITION: FAIR
REMARKS:

WELCOME VALLEY RD. STA. 33+21.24
N 285691.4713
E 2366845.8637

STA. 133+74.89 SR-40 =
STA. 50+00.00 TWRA ACCESS RD.
N 286041.3955
E 2365671.3378

END PROJ. NO. 70068-1211-94 PRELIM.
STA. 147+00.00
N 285346.9341
E 2366786.7241

SR40 STA. 146+10.00 =
WELCOME VALLEY RD. STA. 30+00.00
N 285400.6354
E 2366714.5010

**CAUTION!
PRELIMINARY
PLANS
SUBJECT TO
CHANGE**

SEALED BY

COORDINATES ARE NAD/83(1995),
ARE DATUM ADJUSTED BY THE
FACTOR OF 1.000007 AND TIED TO
THE TGRN. ALL ELEVATIONS ARE
REFERENCED TO THE NAVD 1988.

**STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION**

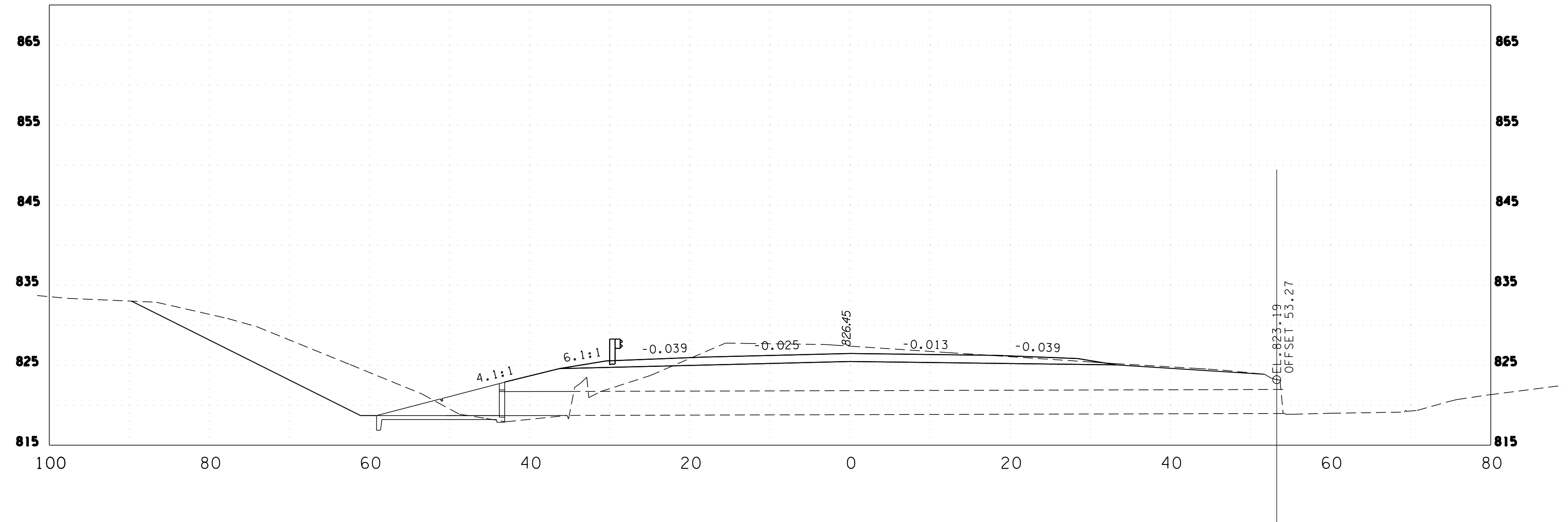
**DRAINAGE
MAPS**

STA.125+00.00 TO STA.147+42.00
SCALE: 1"=100'

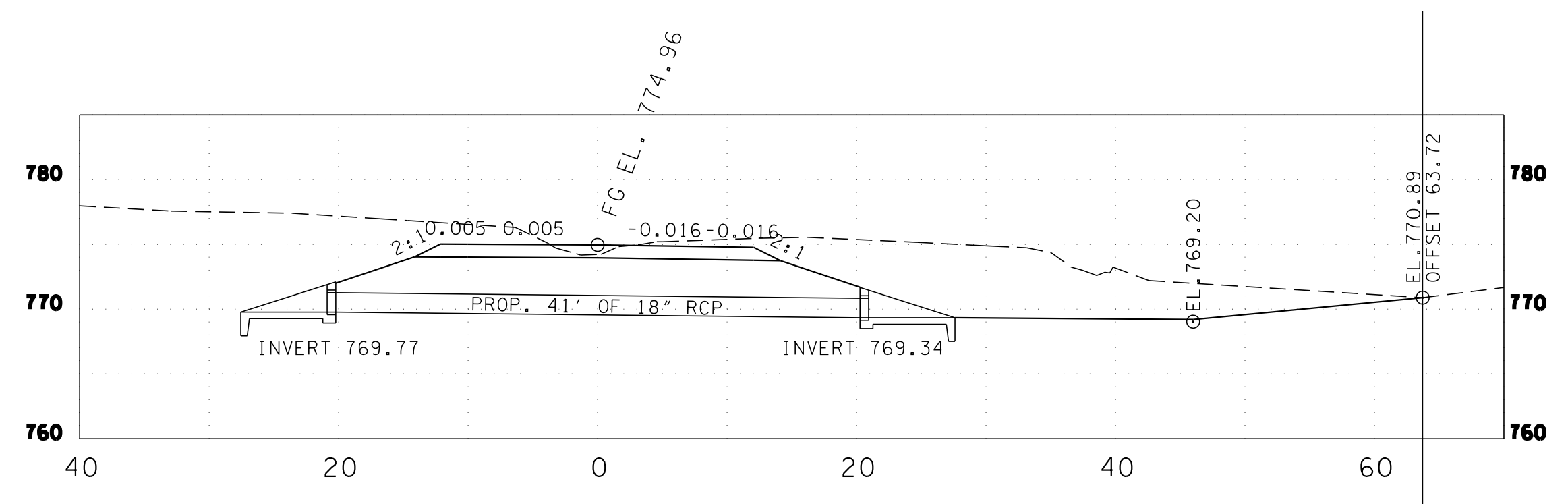
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TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	14

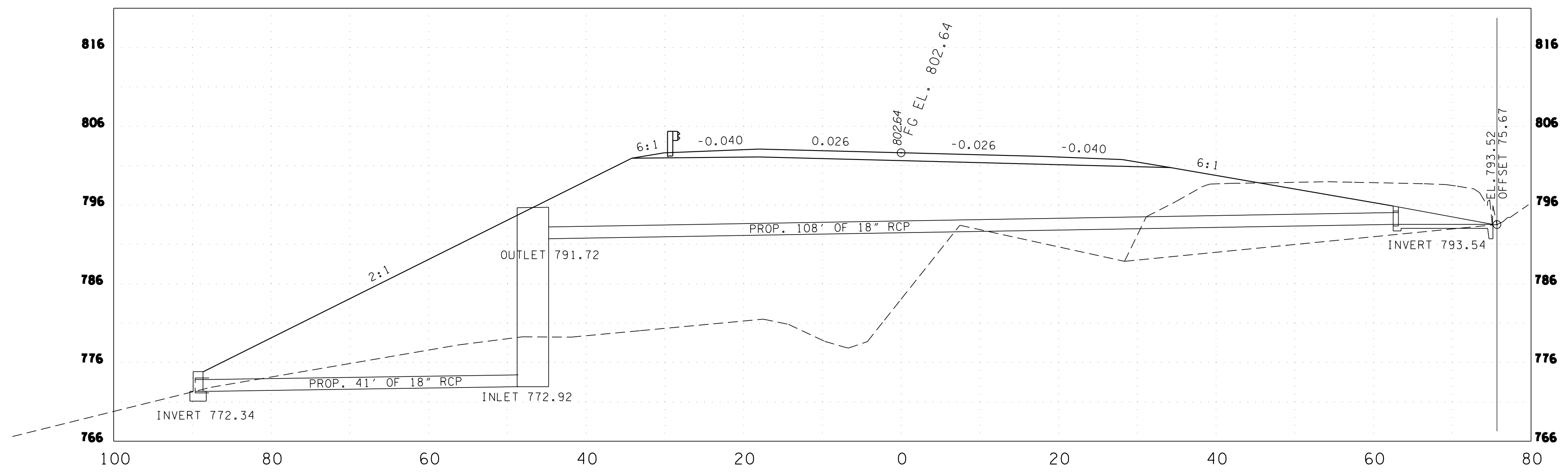
STATION: SR 40 111+07.02
STRUCTURE: 36" RCP
SKEW 80 DEG.
DRAINAGE AREA 13.7 AC.
DESIGN DISCHARGE (Q50) 22.15 CFS
DESIGN DISCHARGE (Q100) 24.69 CFS
Q50 HEADWATER 821.33 ELEV.
Q100 HEADWATER 821.49 ELEV.
VELOCITY (Q50) 4.82 FT/S
VELOCITY (Q100) 4.88 FT/S
END WALLS REQUIRED:
STANDARD DRAWING NOS.:



STATION: WELCOME VALLEY ROAD 30+46.09
STRUCTURE: 18" RCP
SKEW 69 DEG.
DRAINAGE AREA 4.9 AC.
DESIGN DISCHARGE (Q50) 6.51 CFS
DESIGN DISCHARGE (Q100) 7.20 CFS
Q50 HEADWATER 771.31 ELEV.
Q100 HEADWATER 771.44 ELEV.
VELOCITY (Q50) 6.41 FT/S
VELOCITY (Q100) 6.57 FT/S
END WALLS REQUIRED:
STANDARD DRAWING NOS.:



STATION: SR 40 115+94.08
STRUCTURE: 18" RCP
SKEW 85 DEG.
DRAINAGE AREA 19.03 AC.
DESIGN DISCHARGE (Q50) 20.76 CFS
DESIGN DISCHARGE (Q100) 7.20 CFS
Q50 HEADWATER NA ELEV.
Q100 HEADWATER NA ELEV.
VELOCITY (Q50) NA FT/S
VELOCITY (Q100) NA FT/S
END WALLS REQUIRED:
STANDARD DRAWING NOS.:



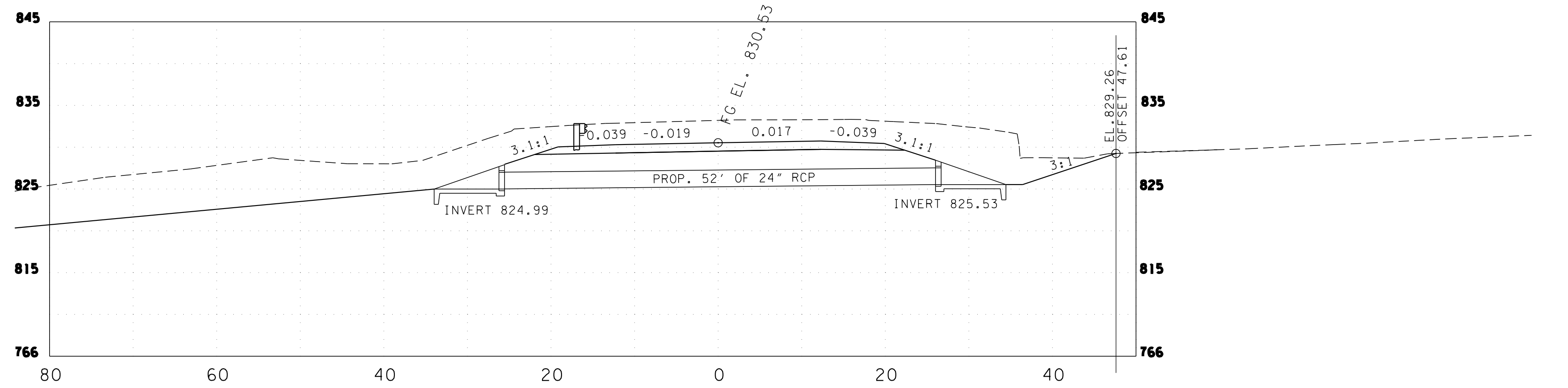
SEALED BY

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TRANSPORTATION

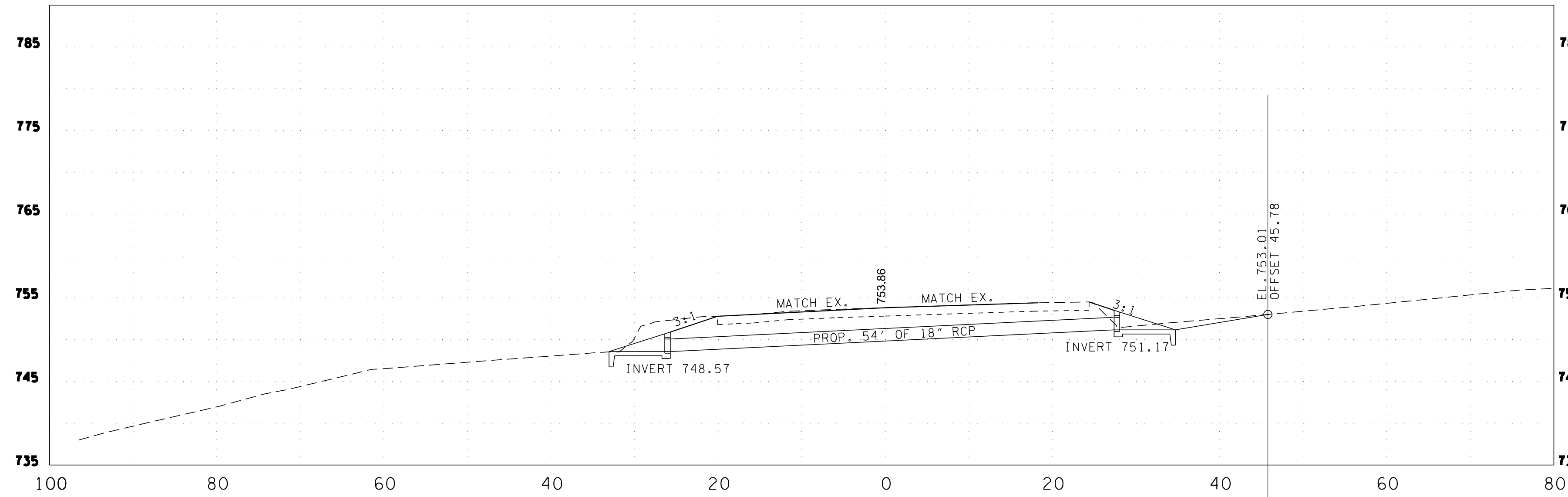
CULVERT
CROSS
SECTION
SCALE: 1"=10' HORIZ.
1"=10' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NH/APD-40(37)	14A

STATION: HILDABRAND ROAD 9+46.23
STRUCTURE: 24" RCP
SKEW 77 DEG.
DRAINAGE AREA 3.7 AC.
DESIGN DISCHARGE (Q50) 8.17 CFS
DESIGN DISCHARGE (Q100) 9.20 CFS
Q50 HEADWATER 827.03 ELEV.
Q100 HEADWATER 827.14 ELEV.
VELOCITY (Q50) 6.66 FT/S
VELOCITY (Q100) 6.86 FT/S
END WALLS REQUIRED:
STANDARD DRAWING NOS.:



STATION: RIVERBEND ROAD 45+63.22
STRUCTURE: 18" RCP
SKEW 72 DEG.
DRAINAGE AREA 2.7 AC.
DESIGN DISCHARGE (Q50) 5.30 CFS
DESIGN DISCHARGE (Q100) 5.85 CFS
Q50 HEADWATER 752.45 ELEV.
Q100 HEADWATER 752.54 ELEV.
VELOCITY (Q50) 11.28 FT/S
VELOCITY (Q100) 10.25 FT/S
END WALLS REQUIRED:
STANDARD DRAWING NOS.:



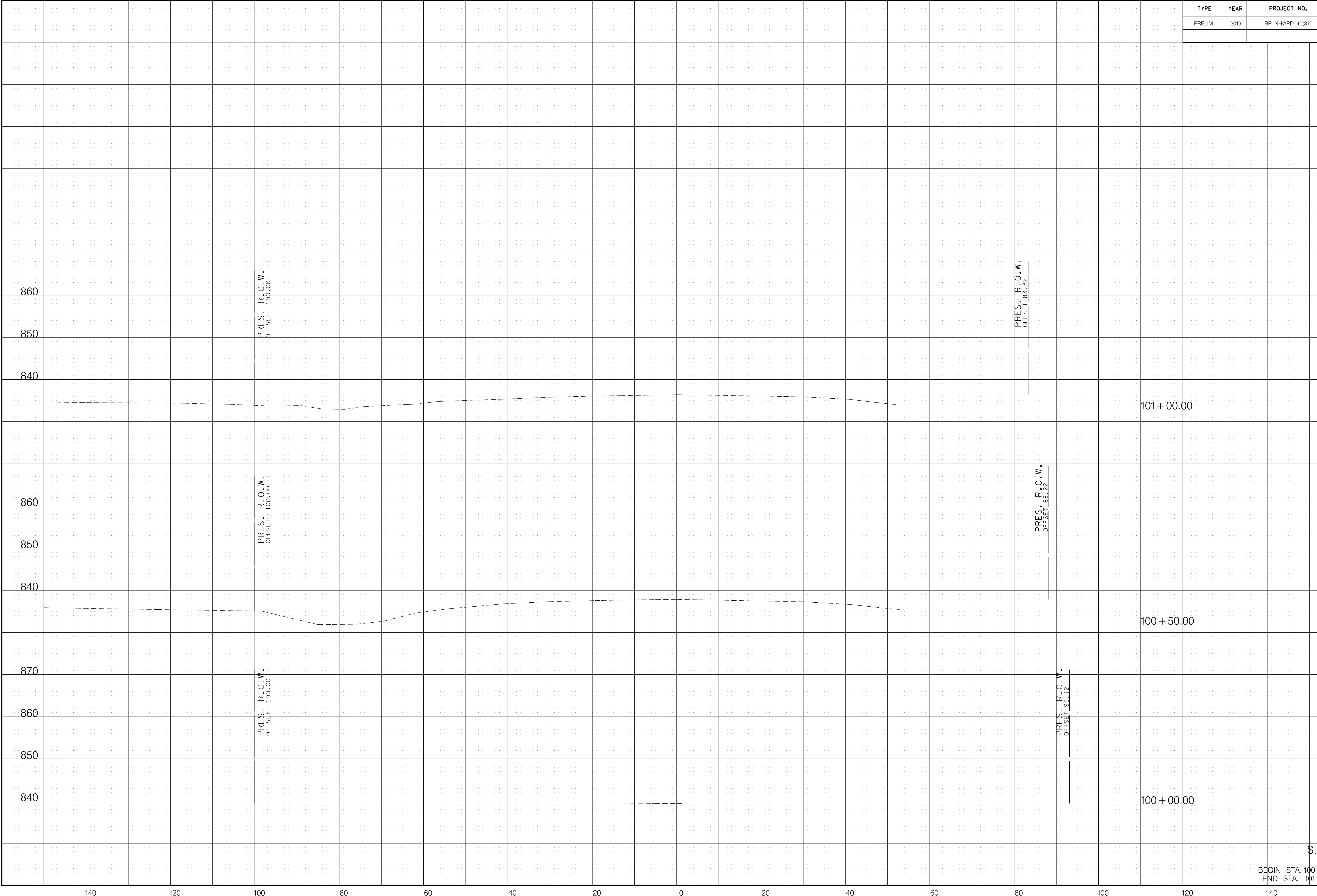
SEALED BY

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DEPARTMENT OF
TRANSPORTATION

CULVERT
CROSS
SECTION
SCALE: 1"=10' HORIZ.
1"=10' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	15

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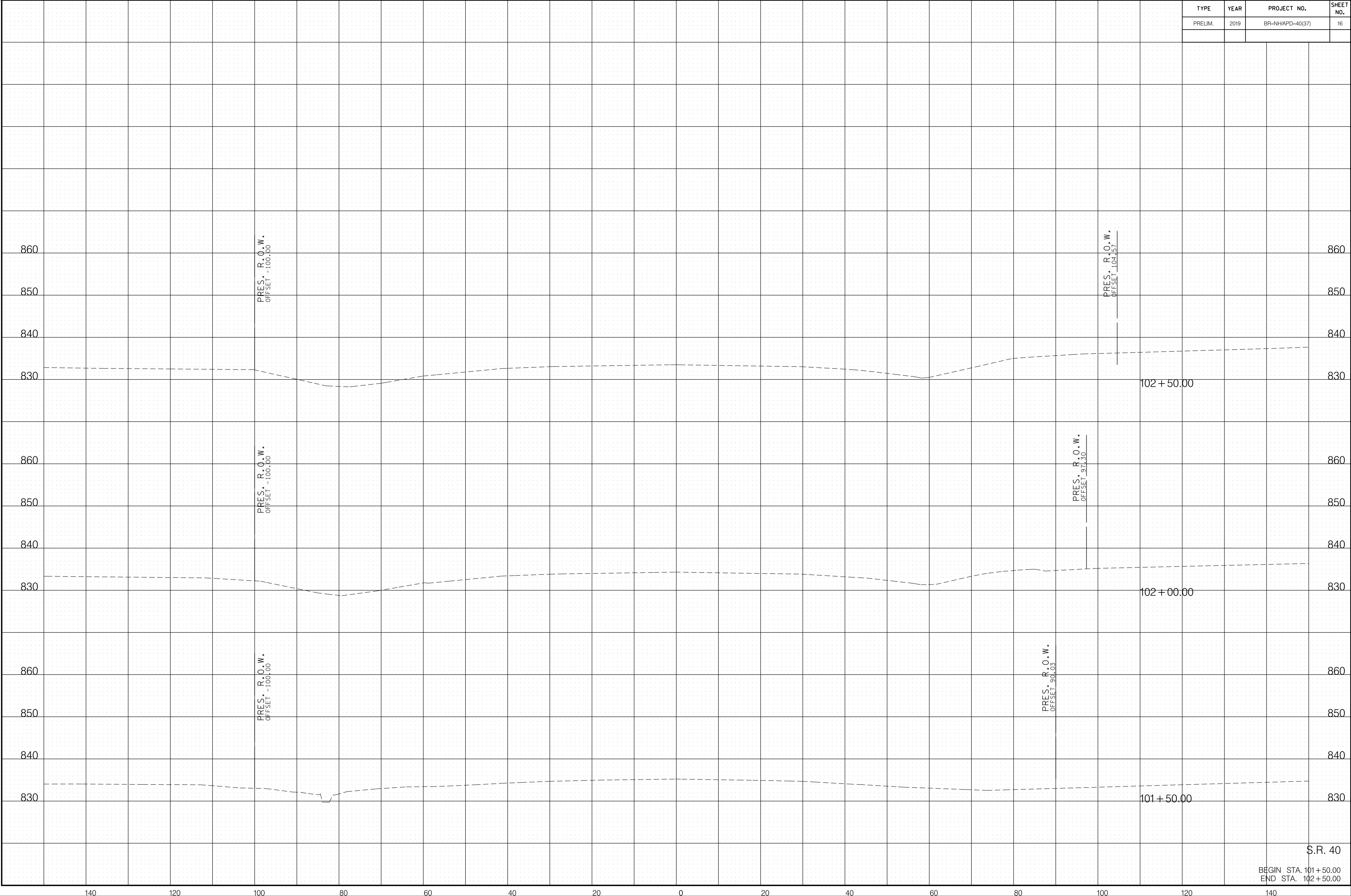


S.R. 40

BEGIN STA. 100+00.00
END STA. 101+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	16

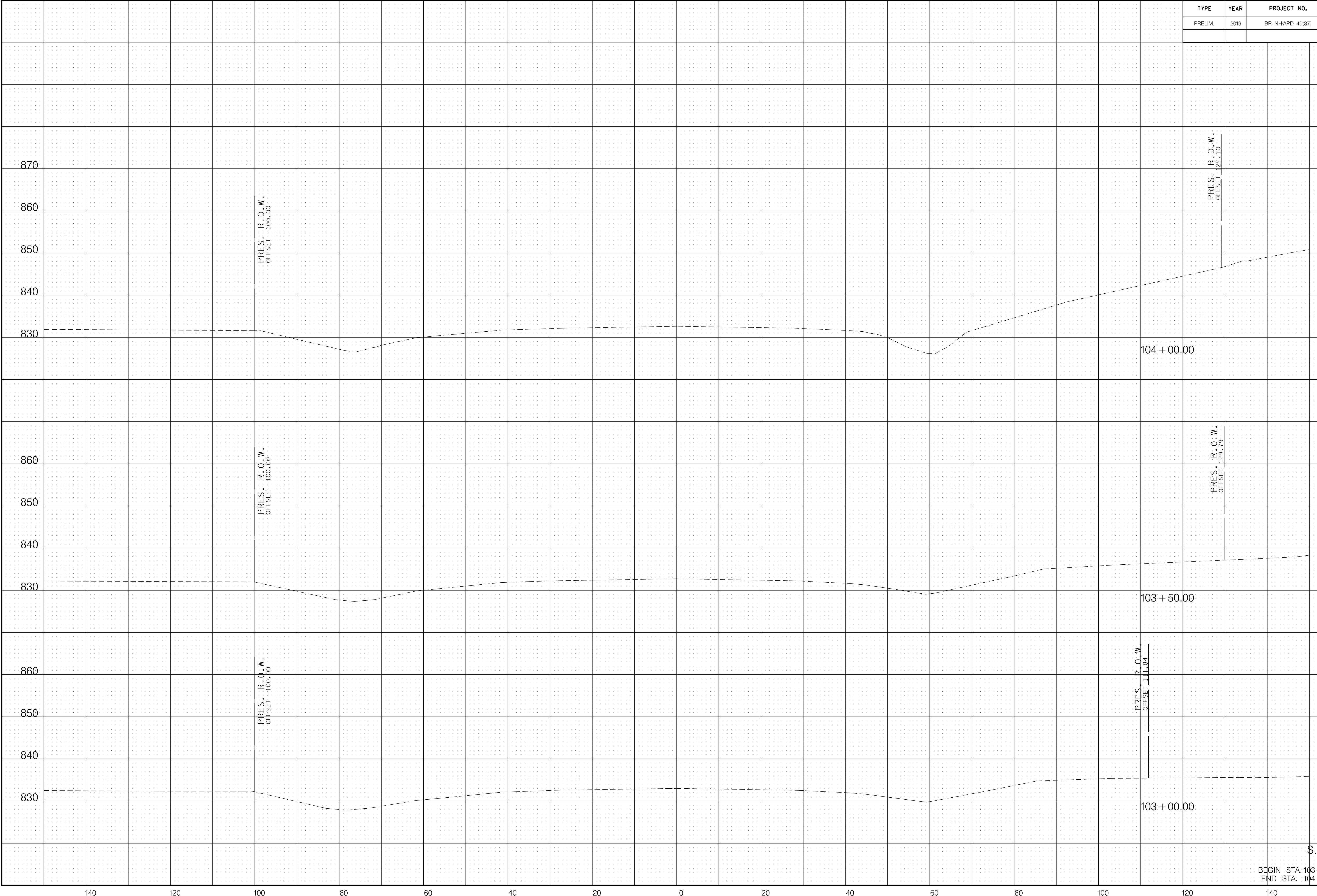
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S.R. 40

BEGIN STA. 101+50.00
 END STA. 102+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	17



PRES. R.O.W.
OFFSET -100.00

PRES. R.O.W.
OFFSET -100.00

PRES. R.O.W.
OFFSET -100.00

PRES. R.O.W.
OFFSET 129.10

PRES. R.O.W.
OFFSET 129.79

PRES. R.O.W.
OFFSET 111.84

104 + 00.00

103 + 50.00

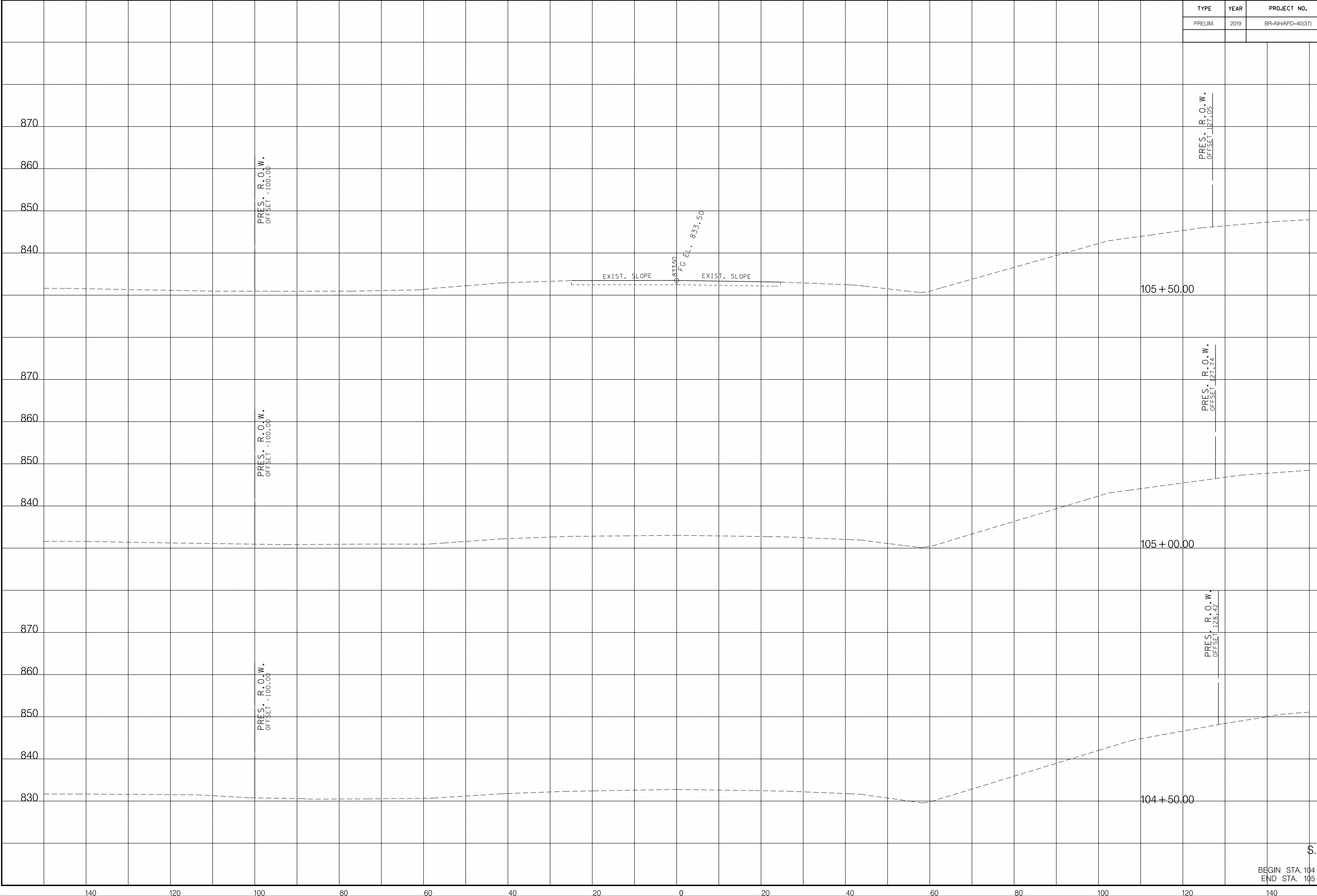
103 + 00.00

S.R. 40

BEGIN STA. 103+00.00
END STA. 104+00.00

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	18

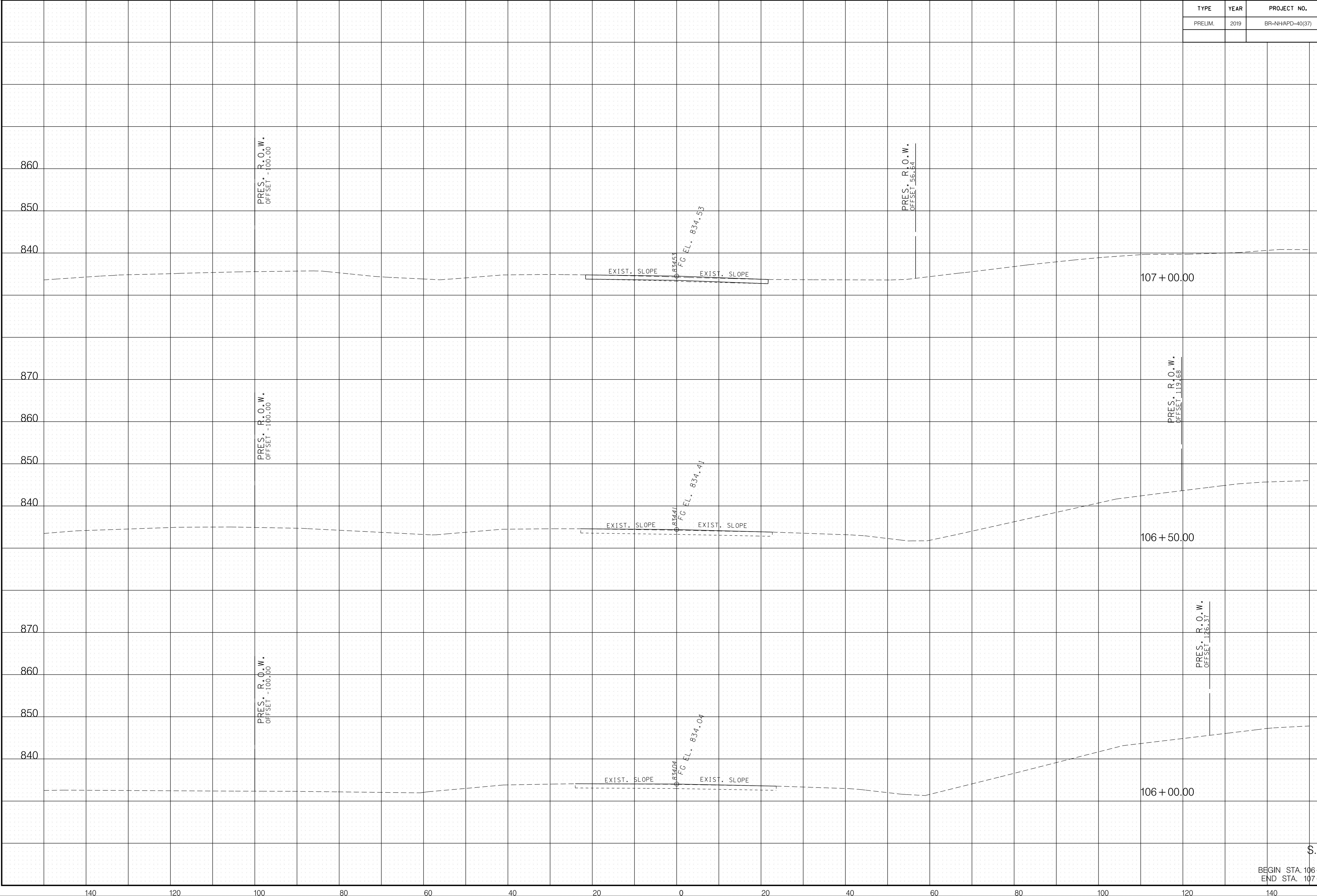


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S.R. 40
 BEGIN STA. 104+50.00
 END STA. 105+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	19

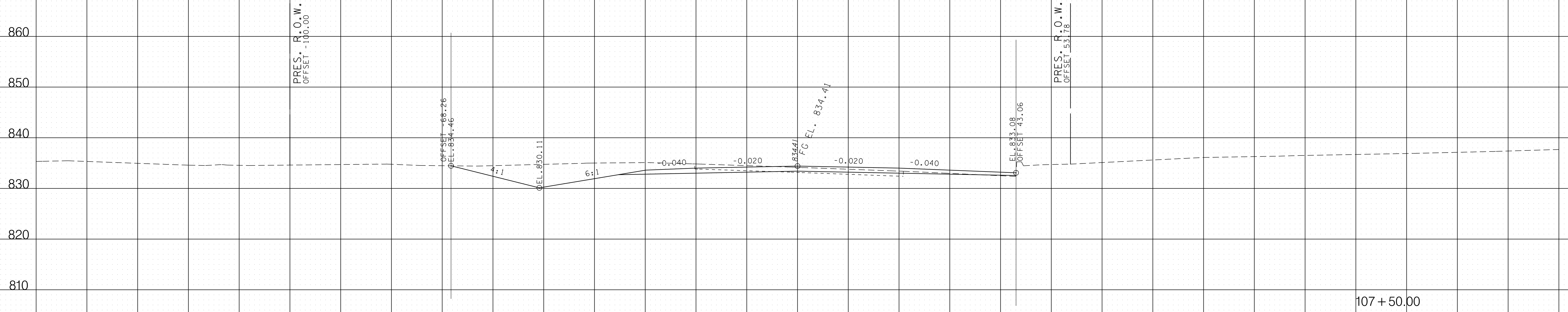
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S.R. 40

BEGIN STA. 106+00.00
END STA. 107+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	20



S.R. 40

BEGIN STA. 107+50.00
END STA. 108+00.00

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	21

860
850
840
830
820
810

PRES. R.O.W.
OFFSET -100.00

OFFSET -72.22
EL. 834.13

4:1

6:1

-0.040

-0.020

FG EL. 832.58

-0.020

-0.040

6:1

PRES. R.O.W.
OFFSET -50.17

109 + 00.00

860
850
840
830
820
810

PRES. R.O.W.
OFFSET -100.00

OFFSET -72.57
EL. 835.07

4:1

6:1

-0.040

-0.020

FG EL. 833.44

-0.020

-0.040

EL. 831.95
OFFSET 46.07

PRES. R.O.W.
OFFSET -51.37

108 + 50.00

S.R. 40

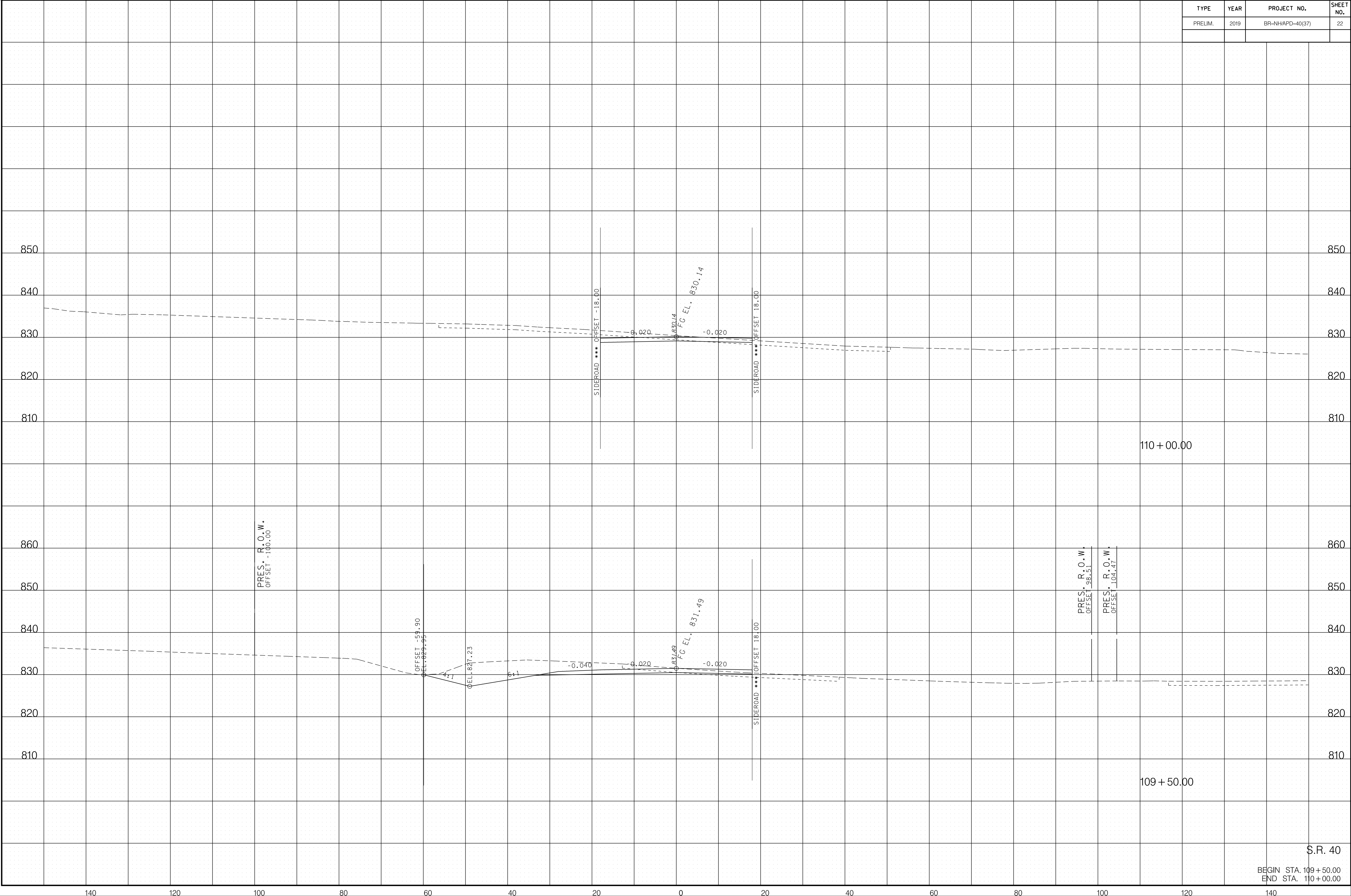
BEGIN STA. 108 + 50.00
END STA. 109 + 00.00

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

4/8/2019 3:32:06 PM K:\925812\1\0ceee River SR 40 TDOT\CAD\05 -MainlineXS.sht

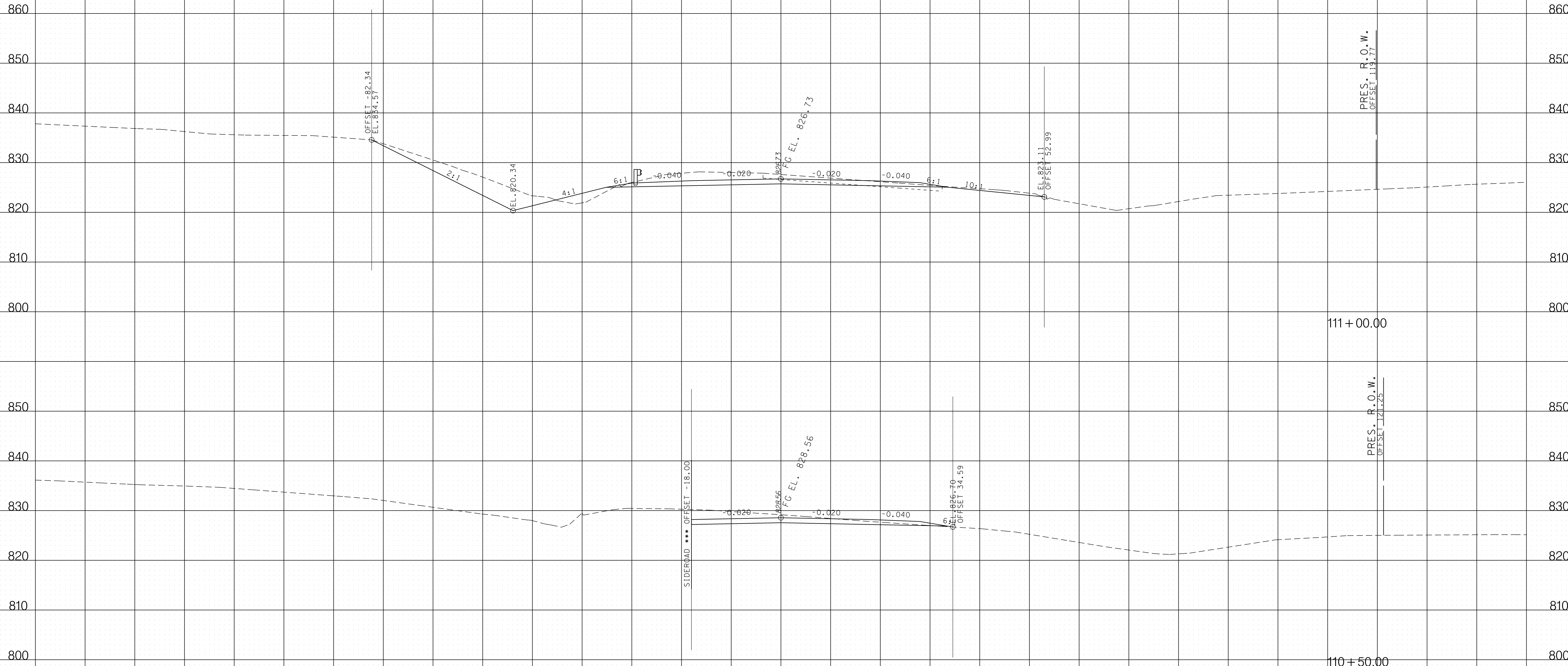
4/8/2019 3:32:08 PM K:\925812\1\0c0ee River SR 40 TDOT\CAD\05 -MainlineXS.sht



S.R. 40

BEGIN STA. 109+50.00
END STA. 110+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	23

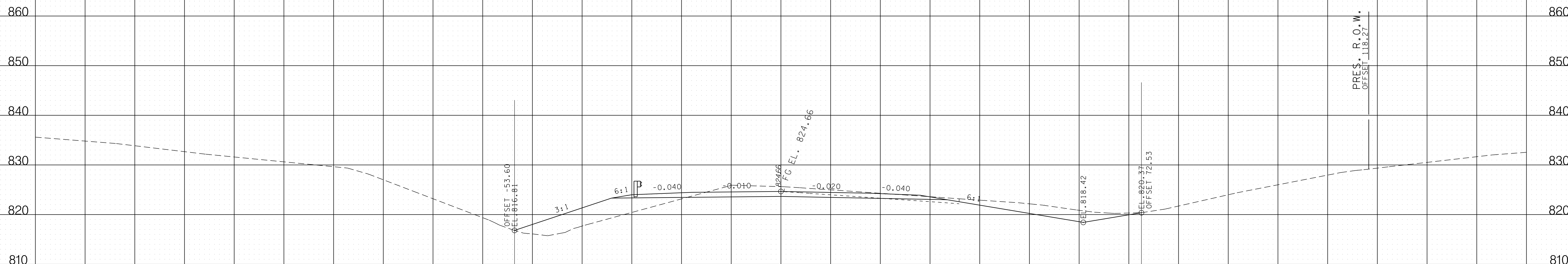
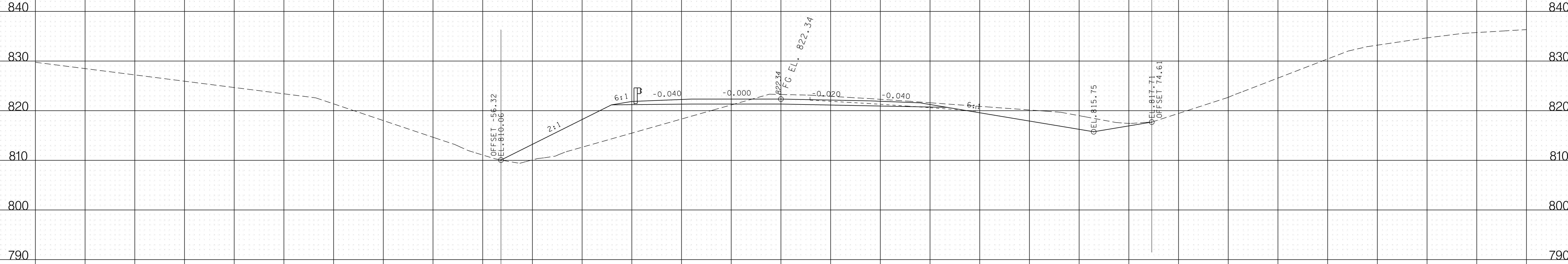


4/8/2019 3:32:11 PM
 K:\925812\1\0c0ee River SR 40 TDOT\CAD\015 -MainlineXS.sht

S.R. 40

BEGIN STA. 110+50.00
 END STA. 111+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	24



112 + 00.00

111 + 50.00

PRES. R.O.W.
OFFSET 118.27

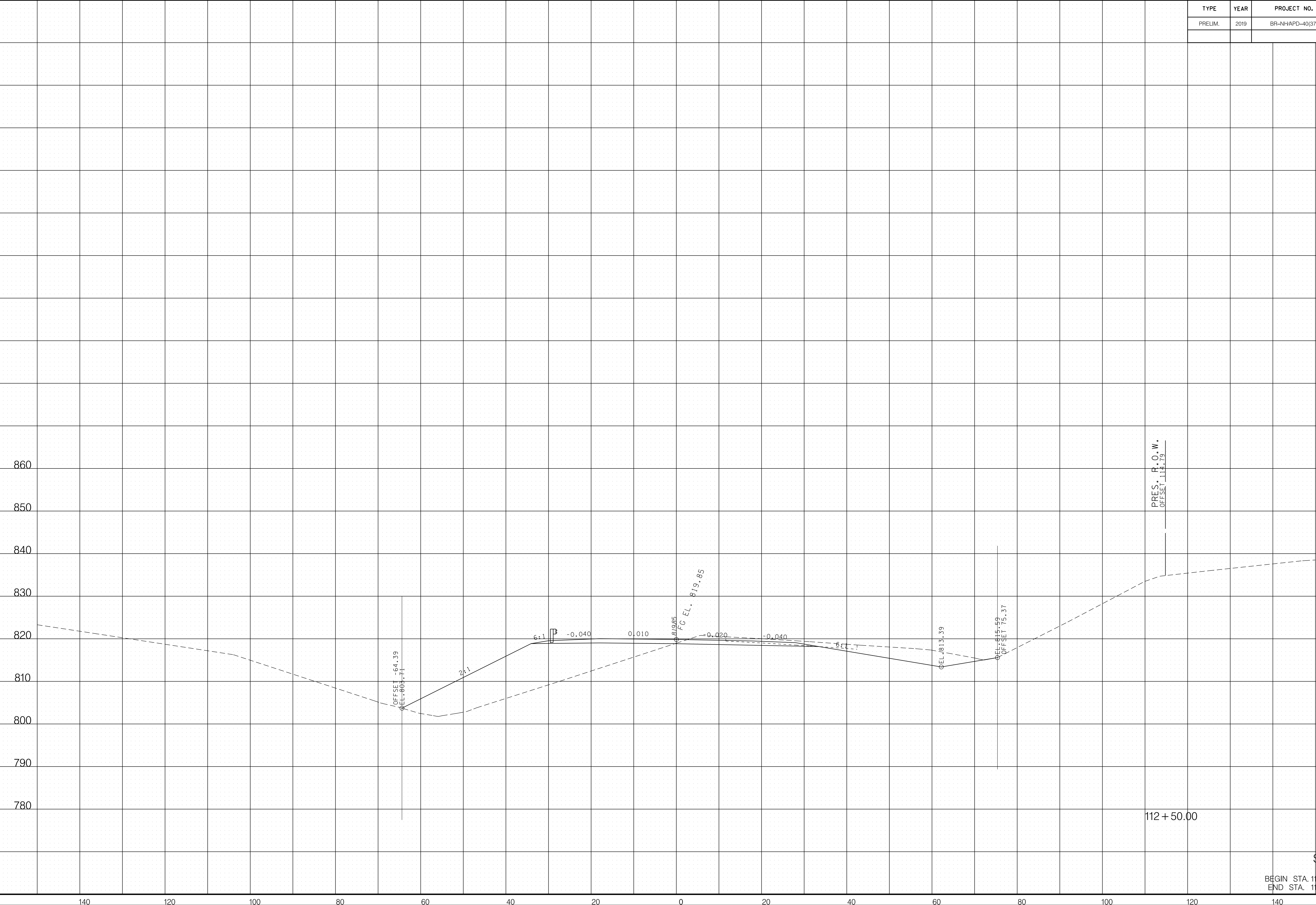
S.R. 40

BEGIN STA. 111+50.00
END STA. 112+00.00

4/8/2019 3:32:43 PM K:\1925812\1\0c000 River SR 40 TDOT\CAD\015 -MainlineXS.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	25

4/8/2019 3:32:45 PM
 K:\1925812\1\0c0ee River SR 40 TDOT\CAD\015 -MainlineXS.sht

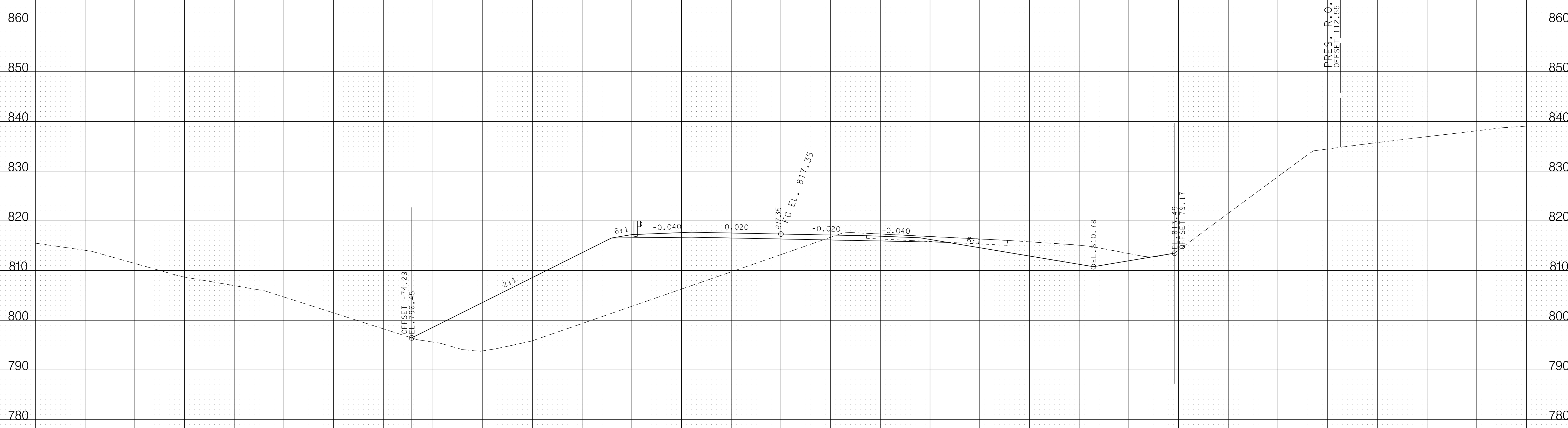


112 + 50.00

S.R. 40

BEGIN STA. 112+50.00
 END STA. 112+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	26



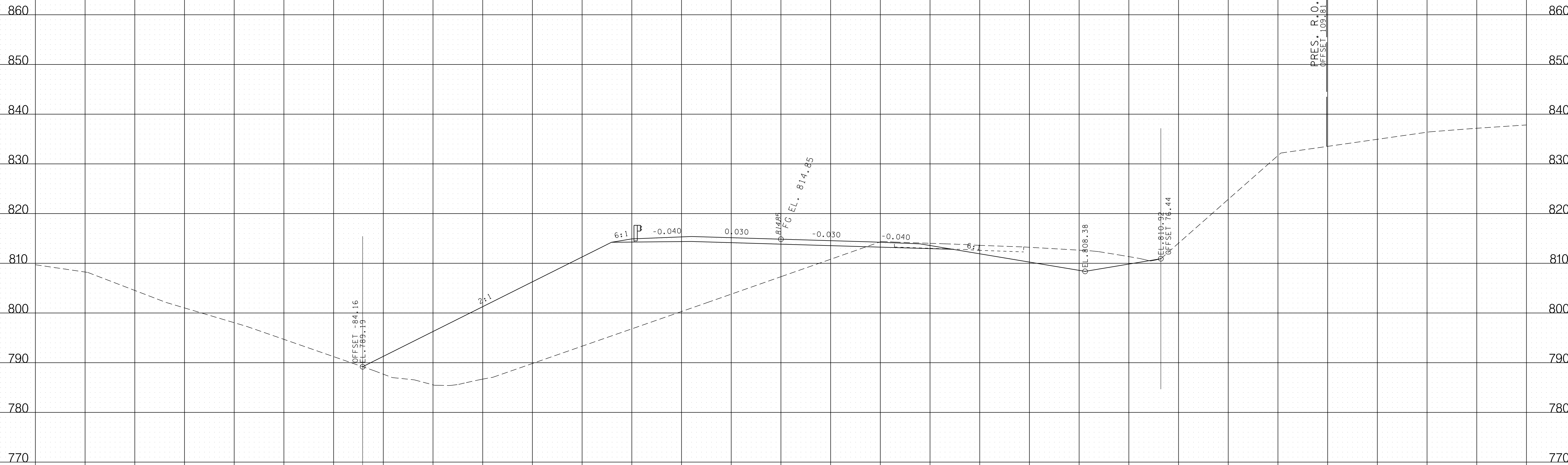
113+00.00

S.R. 40

BEGIN STA. 113+00.00
END STA. 113+00.00

4/8/2019 3:32:17 PM
K:\925812\1\0ceee River SR 40 TDOT\CAD\05 -MainlineXS.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	27



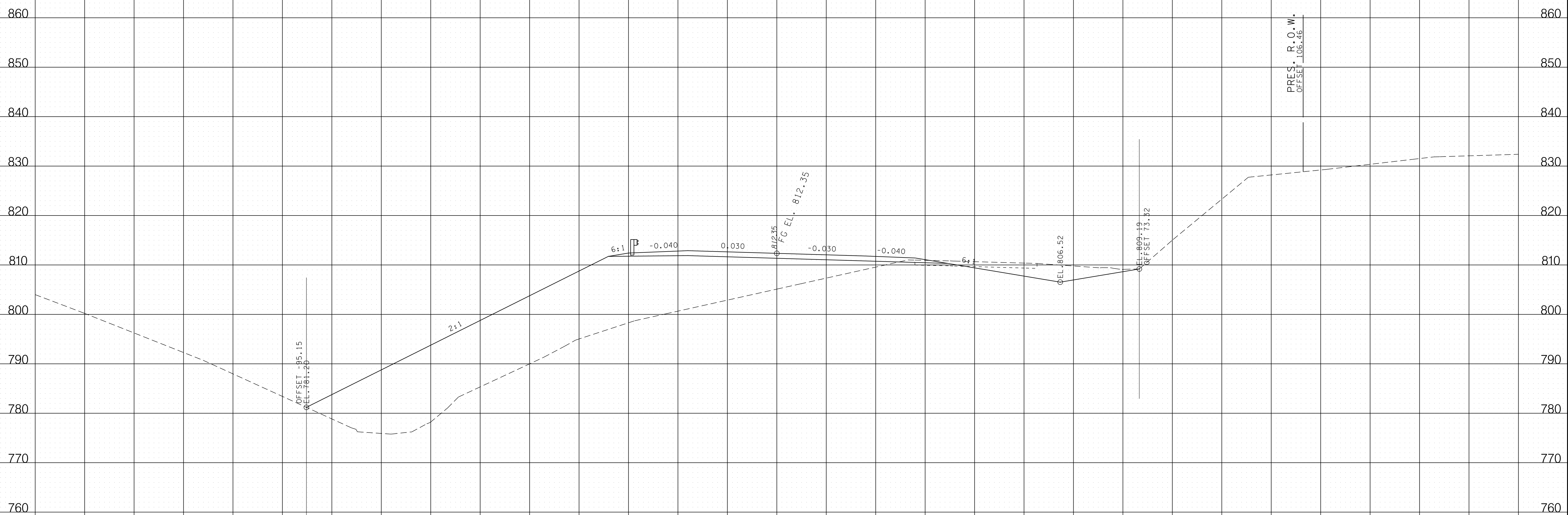
113 + 50.00

S.R. 40

BEGIN STA. 113+50.00
END STA. 113+50.00

4/8/2019 3:32:20 PM K:\925812\1\0c0ee River SR 40 TDOT\CAD\05 -MainlineXS.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	28



114 + 00.00

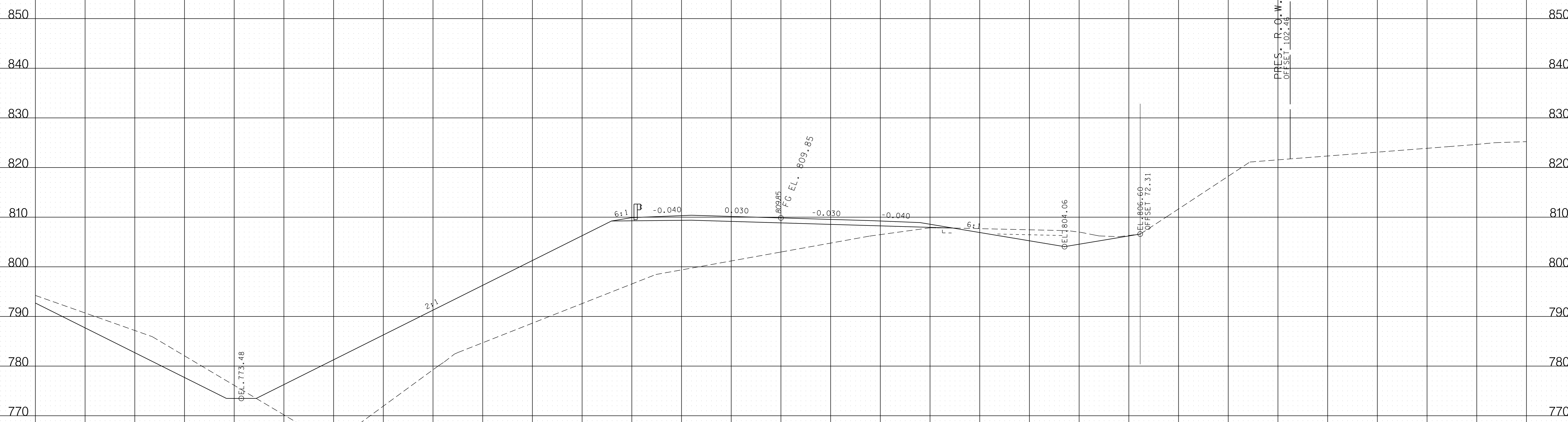
S.R. 40

BEGIN STA. 114+00.00
END STA. 114+00.00

4/8/2019 3:32:22 PM K:\925812\1\0c0ee River SR 40 TDOT\CAD\015 -MainlineX5.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	29

4/8/2019 3:32:24 PM K:\925812\1\0c0ee River SR 40 TDOT\CAD\05 -MainlineXS.sht

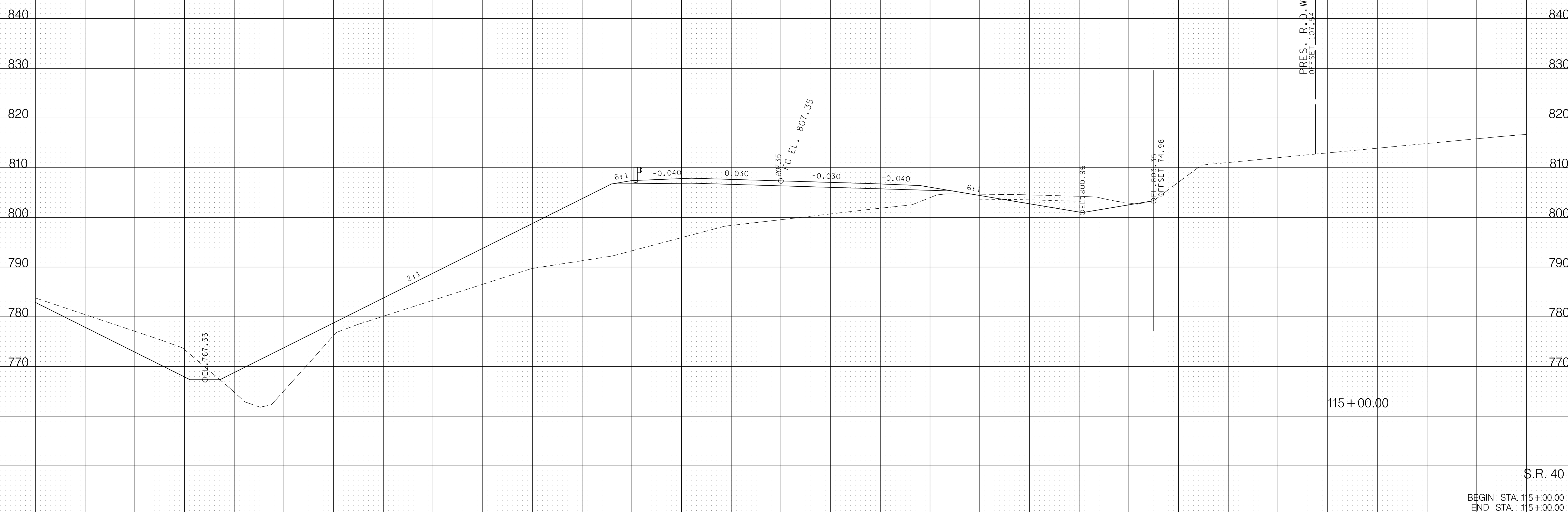


114 + 50.00

S.R. 40

BEGIN STA. 114+50.00
END STA. 114+50.00

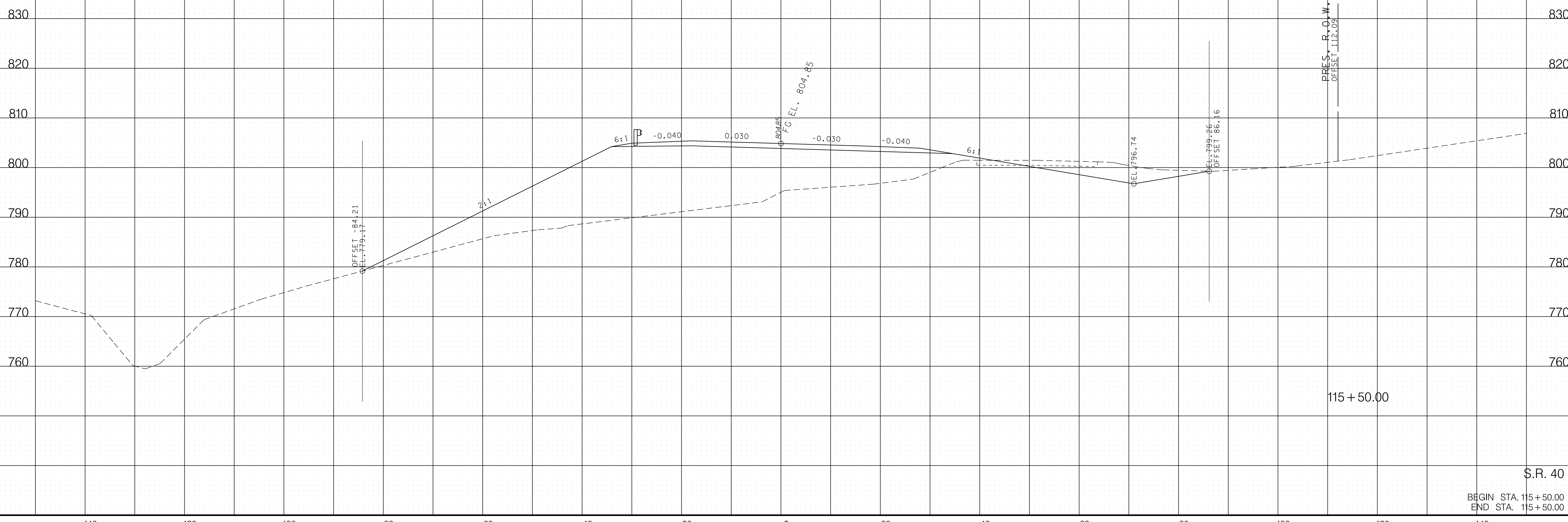
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	30



4/8/2019 3:32:26 PM K:\925812\1\0c0ee River SR 40 TDOT\CAD\05 -MainlineXS.sht

S.R. 40
 BEGIN STA. 115+00.00
 END STA. 115+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	31

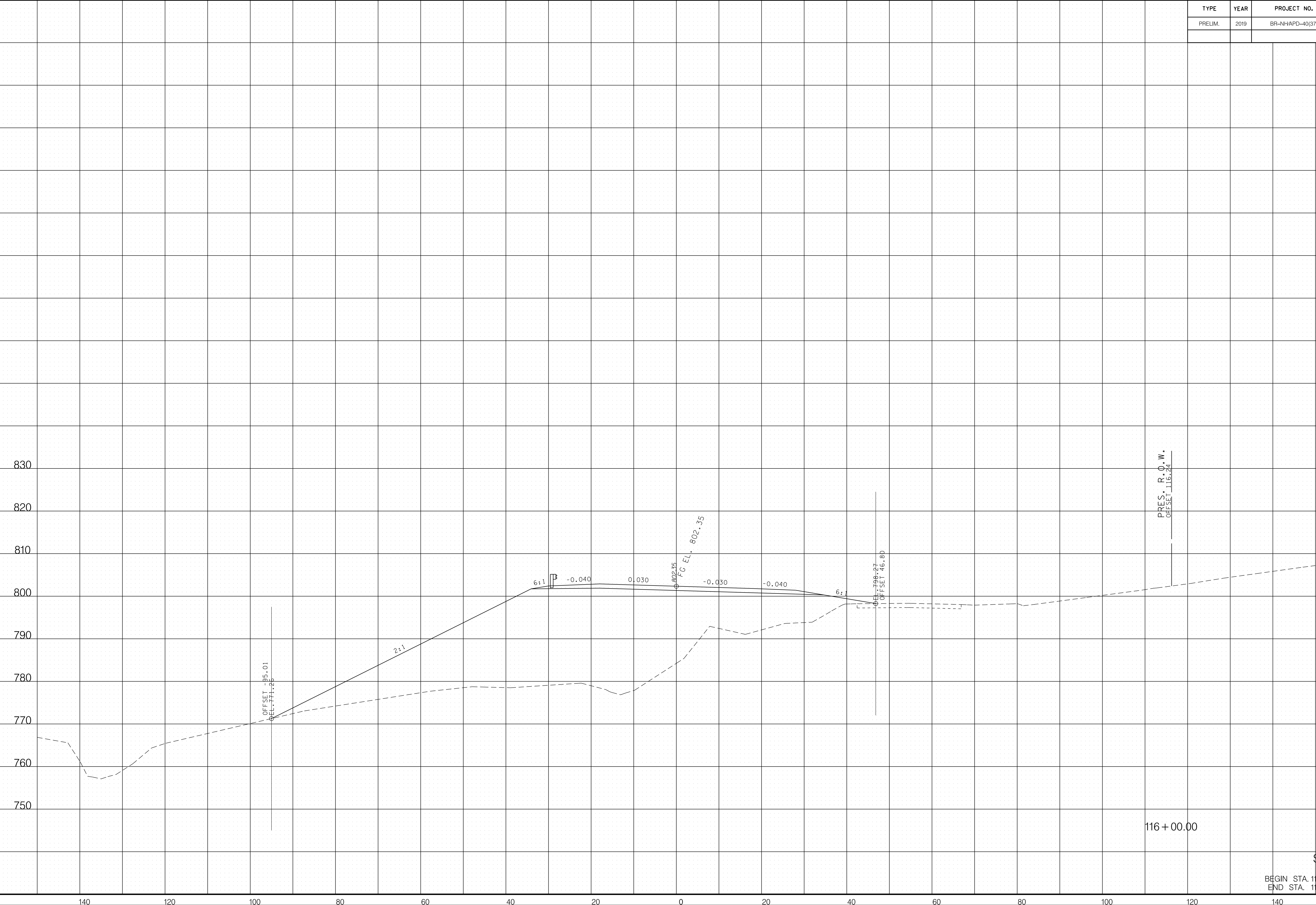


4/8/2019 3:32:29 PM K:\925812\1\0c0ee River SR 40 TDOT\CAD\05 -MainlineXS.sht

S.R. 40
 BEGIN STA. 115+50.00
 END STA. 115+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	32

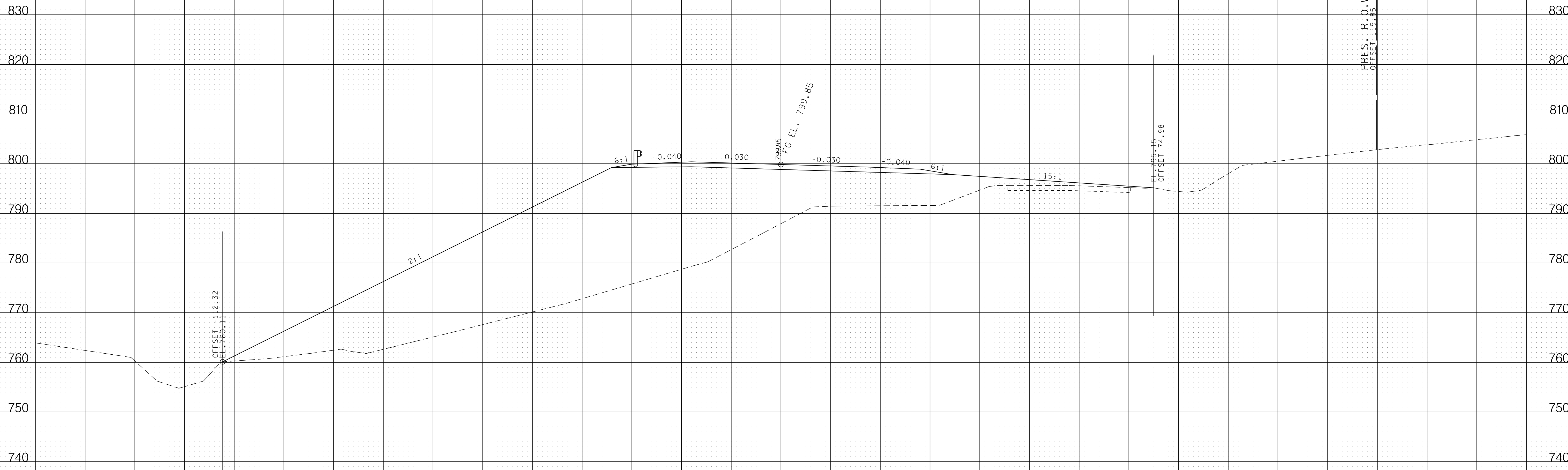
4/8/2019 3:32:31PM
 K:\925812\1\0c0ee River SR 40 TDOT\CAD\05 -MainlineXS.sht



116 + 00.00

S.R. 40
 BEGIN STA. 116+00.00
 END STA. 116+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	33



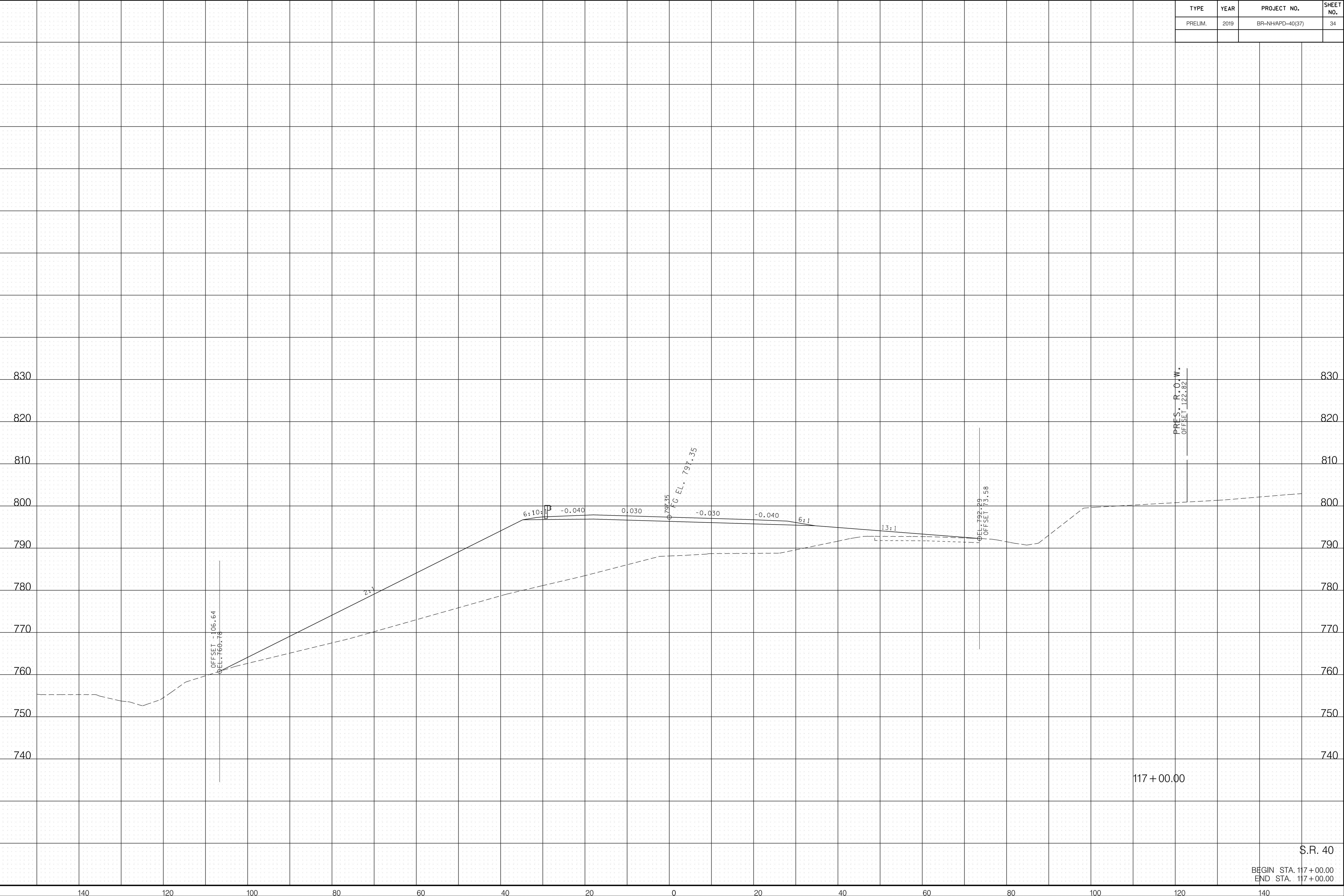
4/8/2019 3:32:33 PM K:\925812\1\0c0ee River SR 40 TDOT\CAD\015 -MainlineXS.sht

116 + 50.00

S.R. 40
 BEGIN STA. 116+50.00
 END STA. 116+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	34

4/8/2019 3:32:35 PM K:\1925812\1\0c0ee River SR 40 TDOT\CAD\05 -MainlineXS.sht

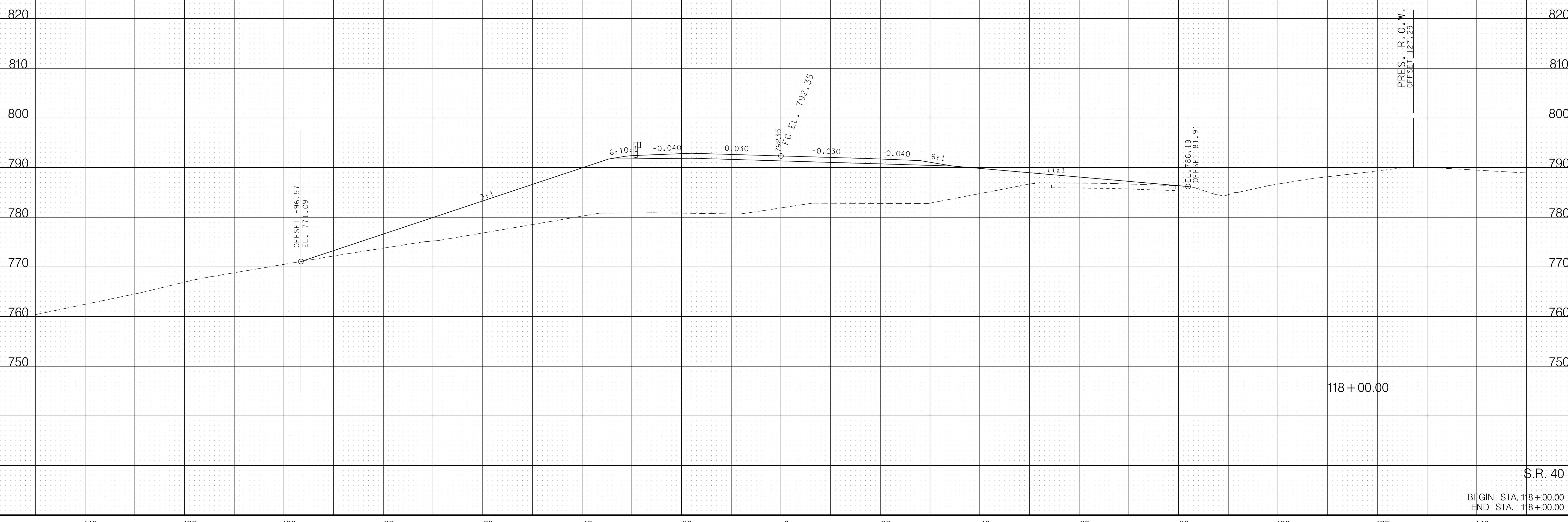


S.R. 40

BEGIN STA. 117+00.00
END STA. 117+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	36

4/8/2019 3:32:40 PM K:\1925812\1\0c0ee River SR 40 TDOT\CAD\05 -MainlineXS.sht



S.R. 40

BEGIN STA. 118+00.00
END STA. 118+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	37

810
800
790
780
770
760
750

810
800
790
780
770
760
750

OFFSET -115.08
EL. 766.63

OFFSET -123.88
EL. 766.78

4:1

6:1

-0.040

0.030

FG EL. 787.35

-0.030

SIDEROAD *** OFFSET 18.00

-0.040

6:1

EL. 782.33

-2.59 %

4.27 %

EL. 777.09

OFFSET 106.37

PRES. R.O.W.
OFFSET 131.20

119 + 00.00

810
800
790
780
770
760
750

810
800
790
780
770
760
750

OFFSET -123.88
EL. 766.78

4:1

6:1

-0.040

0.030

FG EL. 789.85

-0.030

SIDEROAD *** OFFSET 18.00

PRES. R.O.W.
OFFSET 129.43

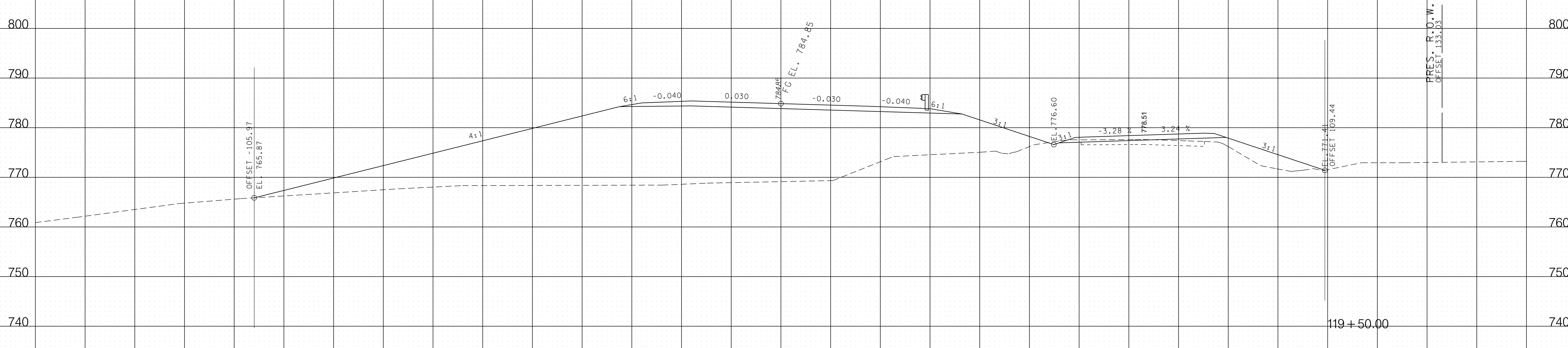
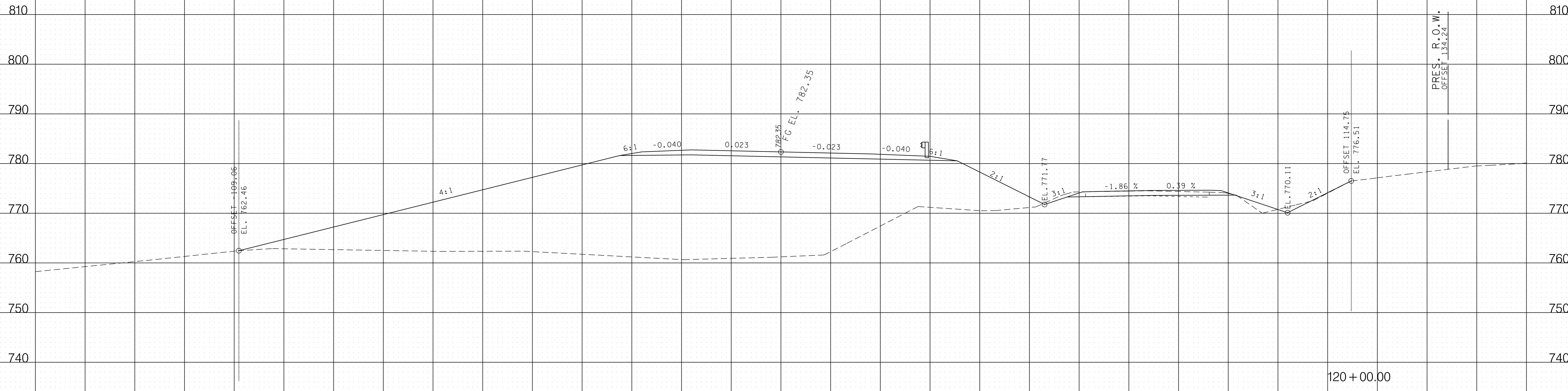
118 + 50.00

S.R. 40

BEGIN STA. 118+50.00
END STA. 119+00.00

4/8/2019 3:32:43 PM K:\1925812\1\0c0ee River SR 40 TDOT\CAD\015 -MainlineX.sht

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140



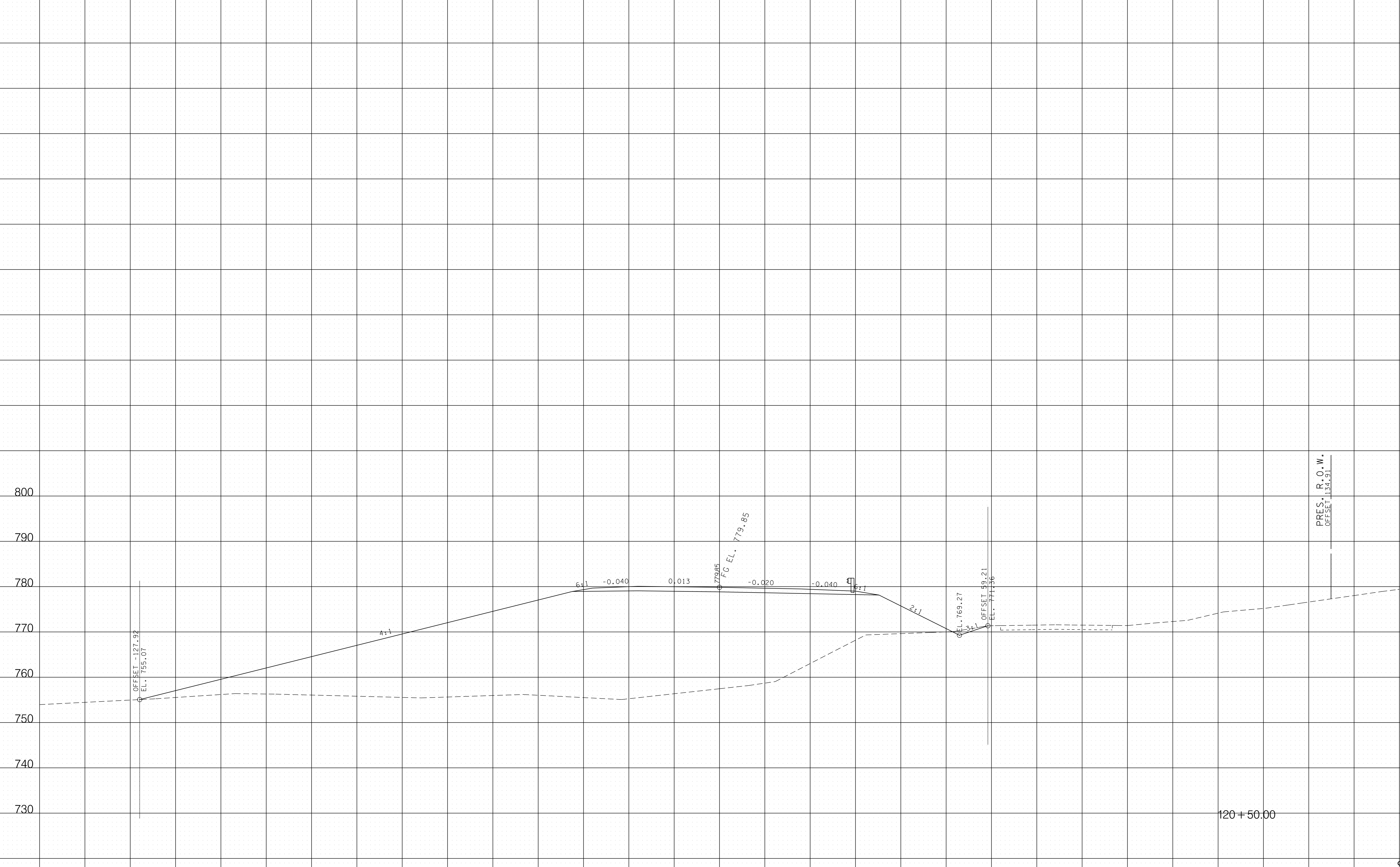
4/8/2019 3:32:45 PM
 K:\1925812\1\0c000 River SR 40 TDOT\CAD\015 -MainlineXS.sht

S.R. 40

BEGIN STA. 119+50.00
 END STA. 120+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	39

4/8/2019 3:32:48 PM
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120 + 50.00

S.R. 40
 BEGIN STA. 120 + 50.00
 END STA. 120 + 50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	40

800
790
780
770
760
750

800
790
780
770
760
750
740
730

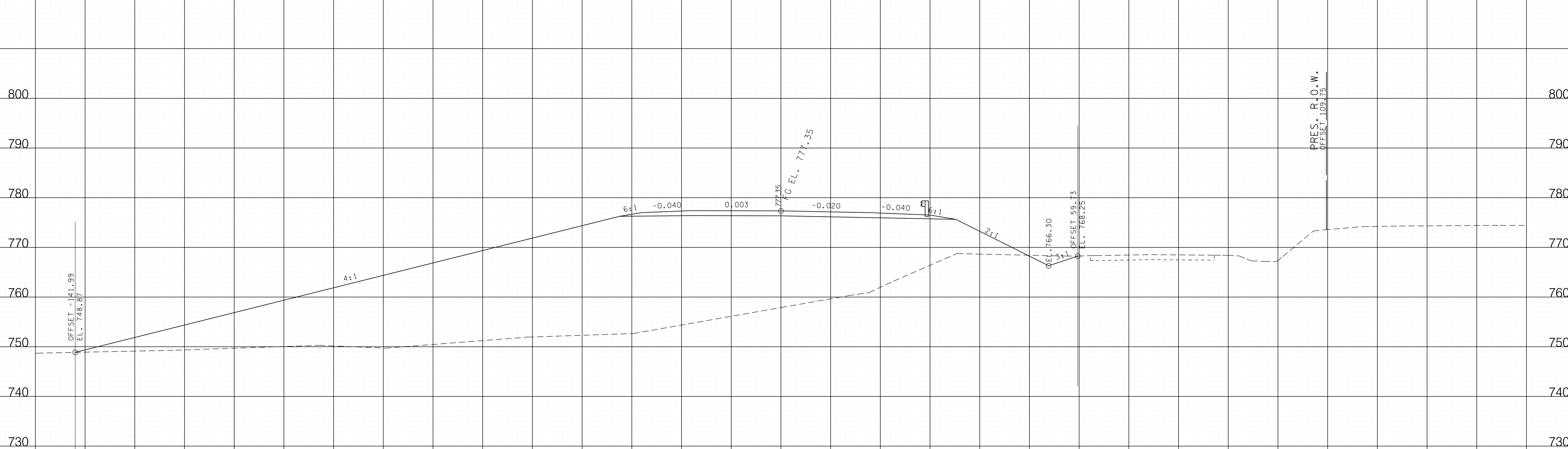
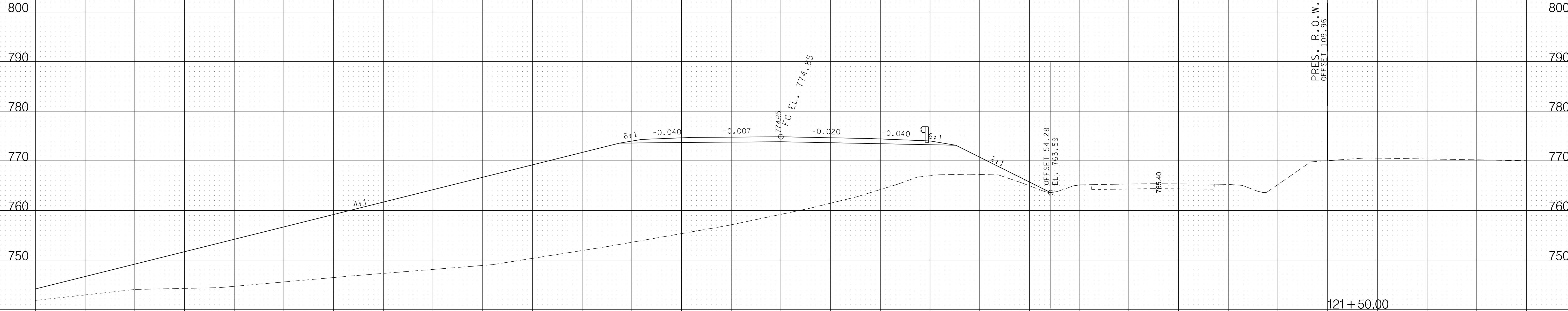
800
790
780
770
760
750

800
790
780
770
760
750
740
730

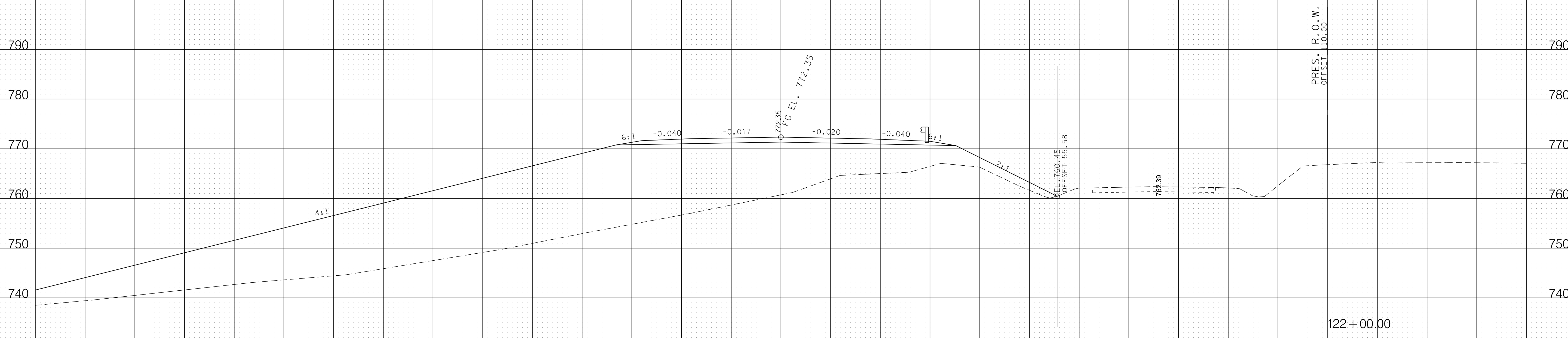
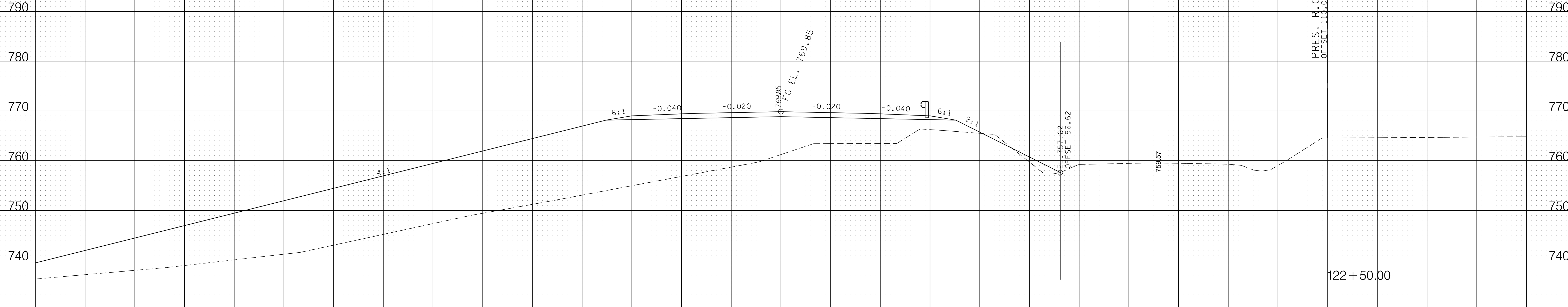
4/8/2019 3:32:50 PM
K:\1925812\1\0c0ee River SR 40 TDOT\CAD\015 -MainlineX.sht

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

S.R. 40
BEGIN STA. 121+00.00
END STA. 121+50.00



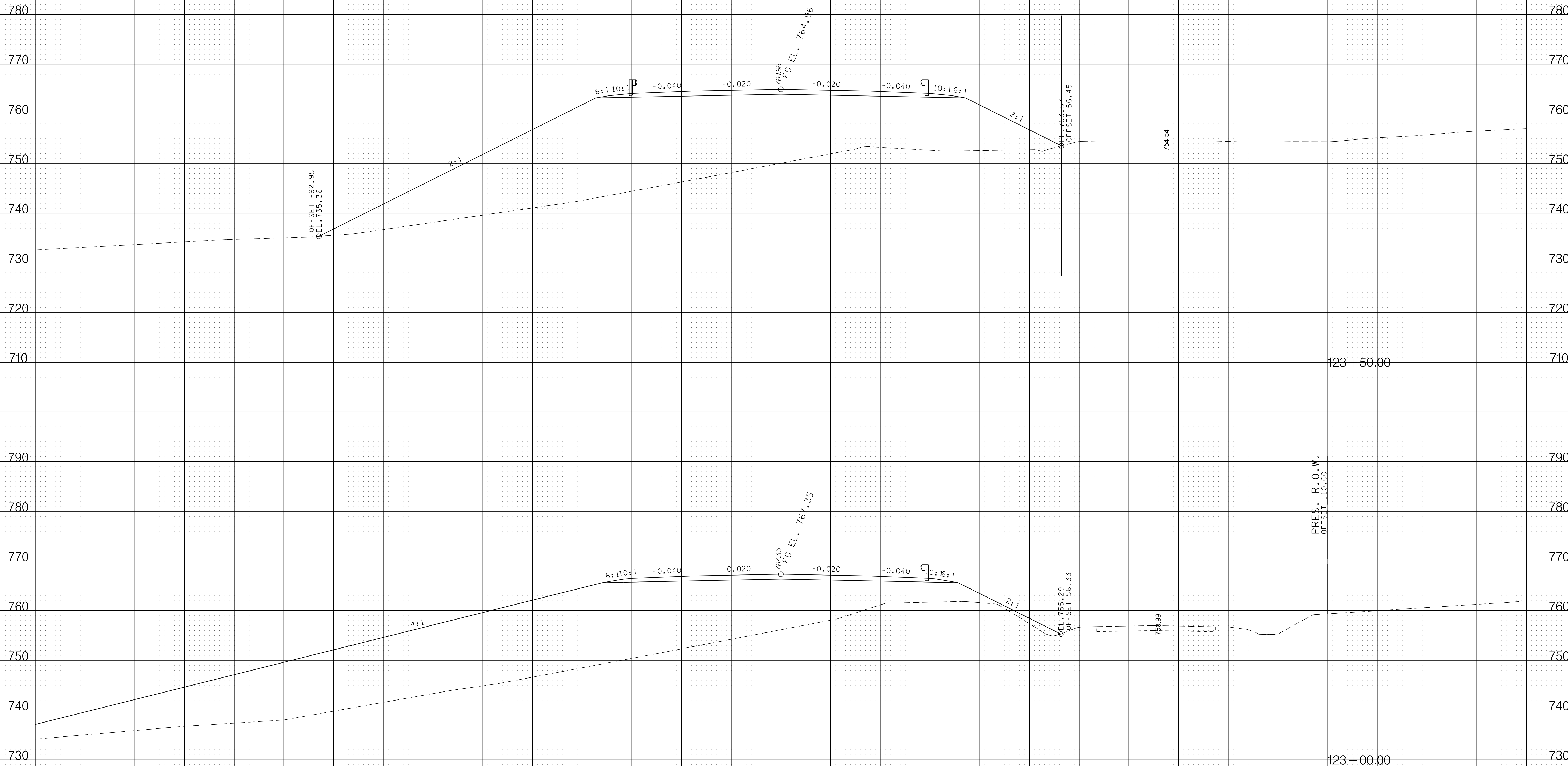
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	41



4/8/2019 3:32:52 PM
 K:\1925812\1\0c0ee River SR 40 TDOT\CAD\015 -MainlineXS.sht

S.R. 40
 BEGIN STA. 122+00.00
 END STA. 122+50.00

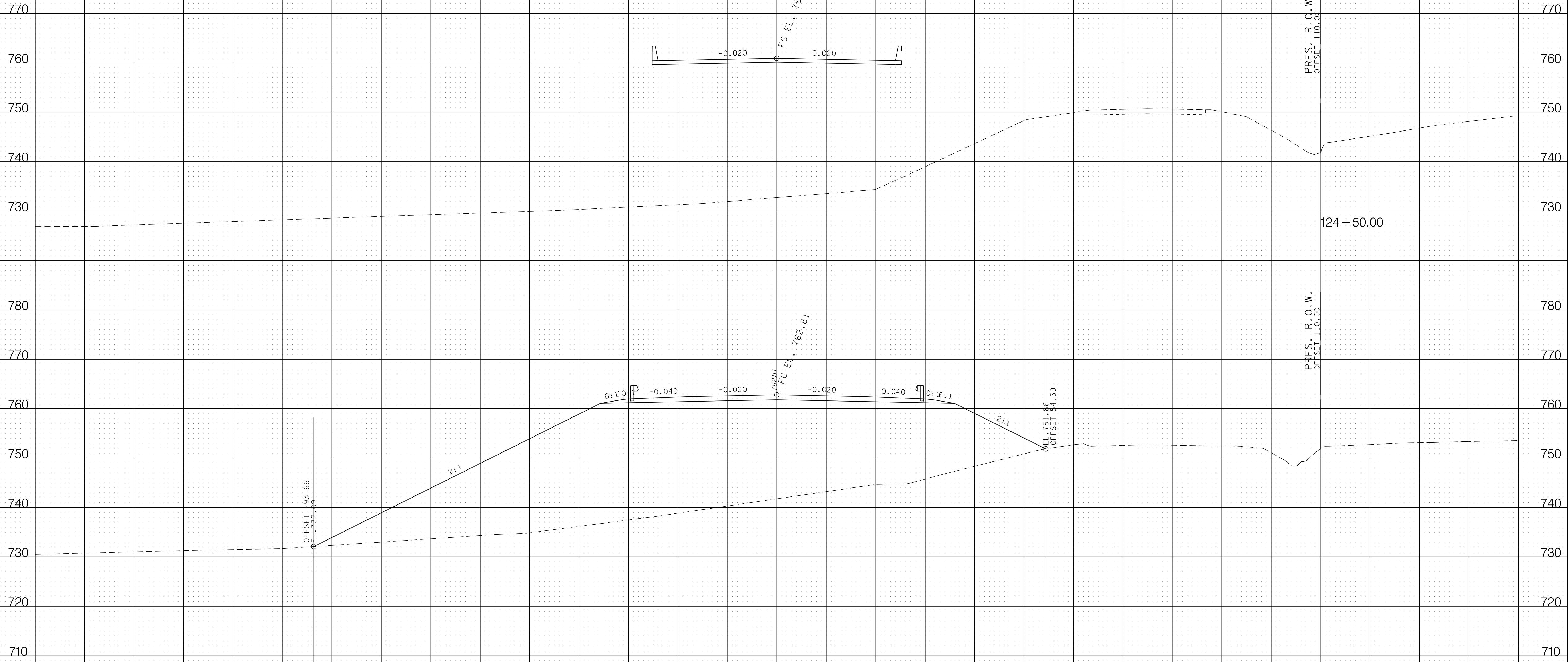
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	42



4/8/2019 3:32:55 PM K:\1925812\1\0c000 River SR 40 TDOT\CAD\015 -MainlineXS.sht

S.R. 40
 BEGIN STA. 123+00.00
 END STA. 123+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	43



4/8/2019 3:32:57 PM
 K:\1925812\1\0c0ee River SR 40 TDOT\CAD\015 -MainlineXS.sht

S.R. 40
 BEGIN STA. 124+00.00
 END STA. 124+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	44

770

760

750

740

730

720

770

760

750

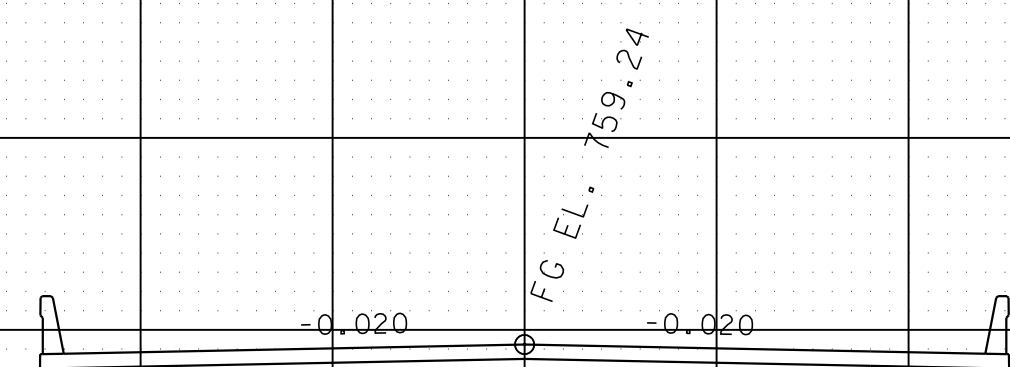
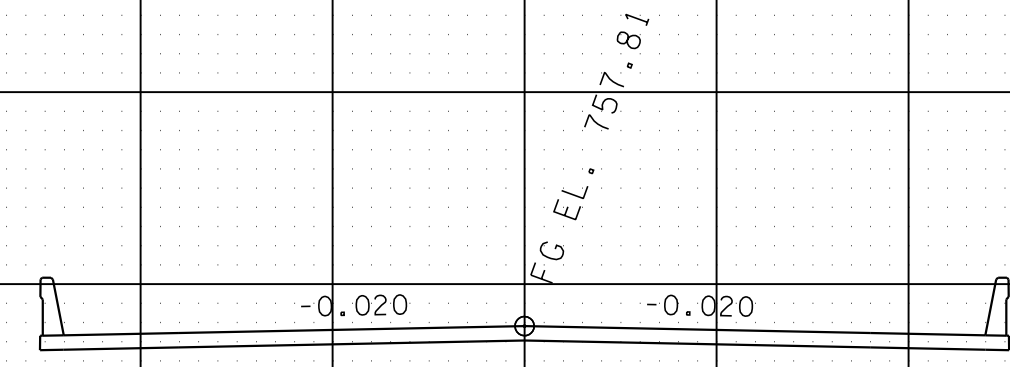
740

730

720

PRES. R.O.W.
OFFSET = 82.34'

PRES. R.O.W.
OFFSET = 110.00'



125 + 50.00

125 + 00.00

770

760

750

740

730

770

760

750

740

730

PRES. R.O.W.
OFFSET = 110.00'

S.R. 40

BEGIN STA. 125 + 00.00
END STA. 125 + 50.00

4/8/2019 3:33:00 PM K:\925812\1\0c0ee River SR 40 TDOT\CAD\05 -MainlineXS.sht

140

120

100

80

60

40

20

0

20

40

60

80

100

120

140

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	45

770

760

750

740

730

720

710

770

760

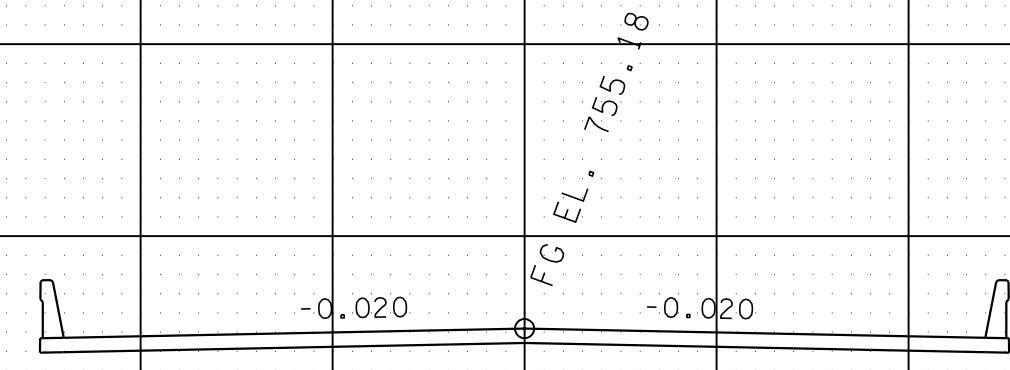
750

740

730

720

710



PRES. R.O.W.
OFFSET 40.00

PRES. R.O.W.
OFFSET 110.00

126 + 50.00

770

760

750

740

730

720

710

770

760

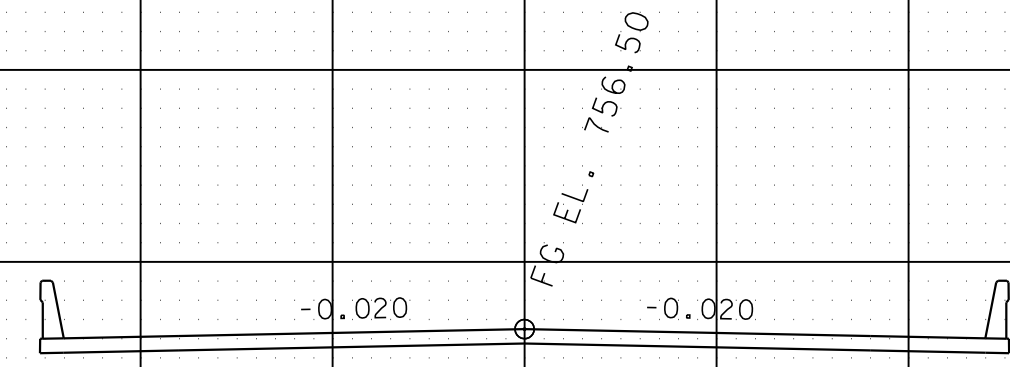
750

740

730

720

710



PRES. R.O.W.
OFFSET 40.00

PRES. R.O.W.
OFFSET 110.00

126 + 00.00

S.R. 40

BEGIN STA. 126 + 00.00
END STA. 126 + 50.00

4/8/2019 3:33:03 PM K:\925812\1\0c0ee River SR 40 TDOT\CAD\05 -MainlineXS.sht

140

120

100

80

60

40

20

0

20

40

60

80

100

120

140

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	46

760

750

740

730

720

770

760

750

740

730

720

710

760

750

740

730

720

770

760

750

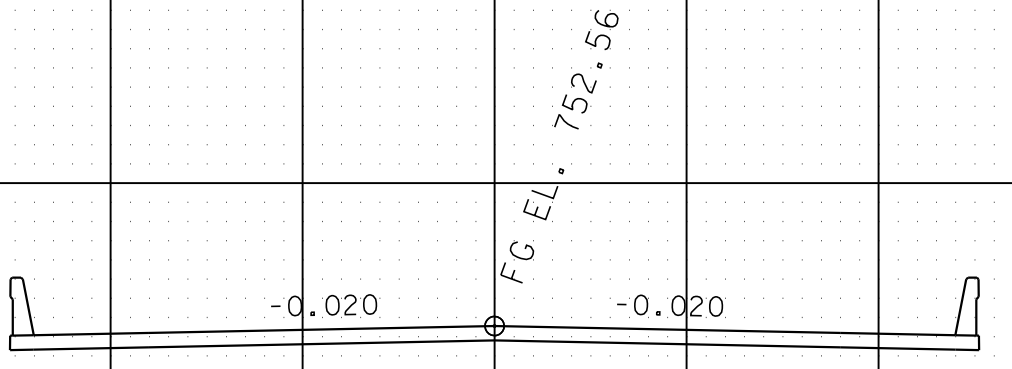
740

730

720

710

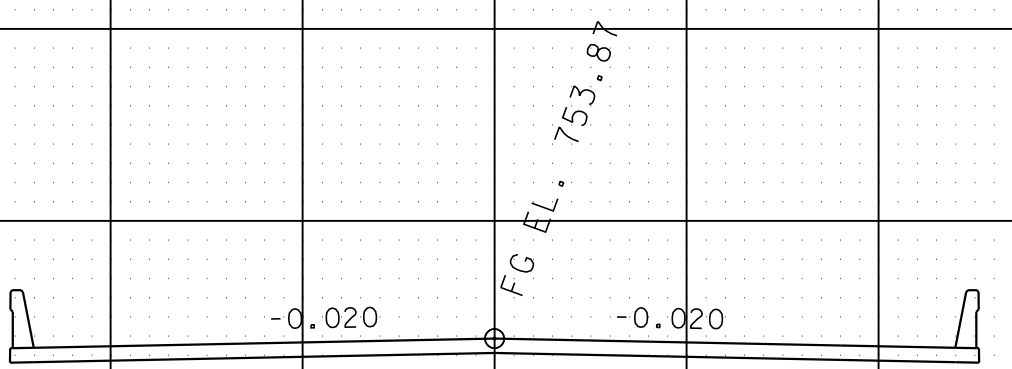
PROP. R.O.W.
OFFSET -107.94



PRES. R.O.W.
OFFSET 40.00

PRES. R.O.W.
OFFSET 110.00

127 + 50.00



PRES. R.O.W.
OFFSET 40.00

PRES. R.O.W.
OFFSET 110.00

127 + 00.00

S.R. 40

BEGIN STA. 127+00.00
END STA. 127+50.00

4/8/2019 3:33:05 PM K:\925812\1\0c0ee River SR 40 TDOT\CAD\05 -MainlineX.sht

140

120

100

80

60

40

20

0

20

40

60

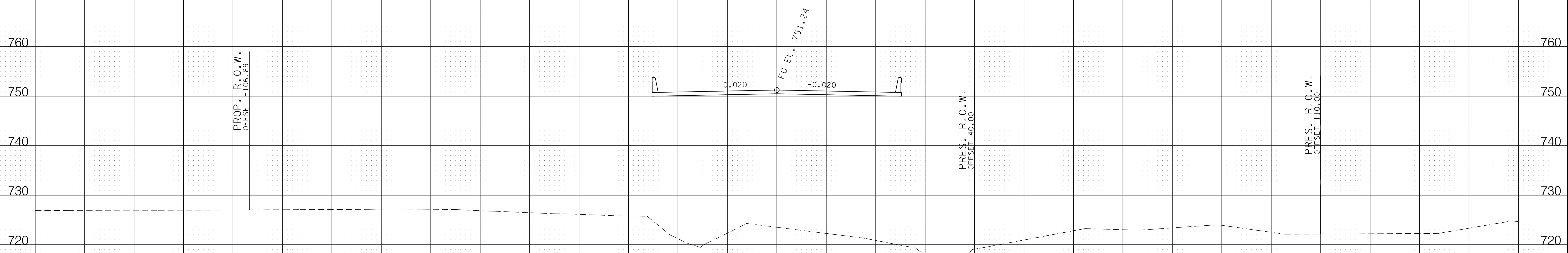
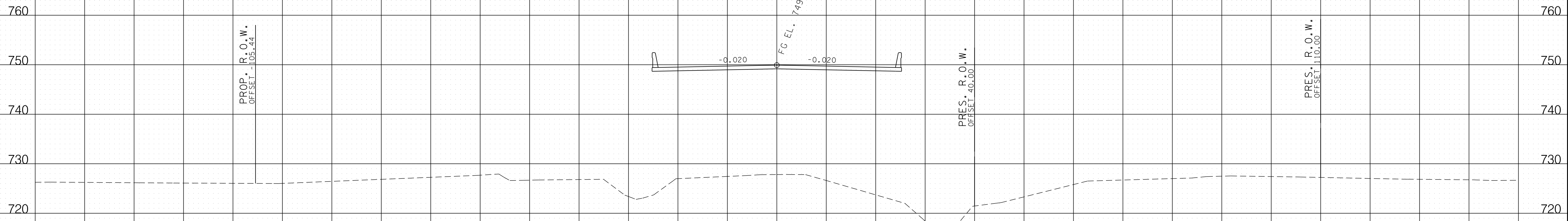
80

100

120

140

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	47



4/8/2019 3:33:08 PM K:\925812\1\0c000 River SR 40 TDOT\CAD\015 -MainlineX.sht

S.R. 40

BEGIN STA. 128 + 00.00
END STA. 128 + 50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	48

760

750

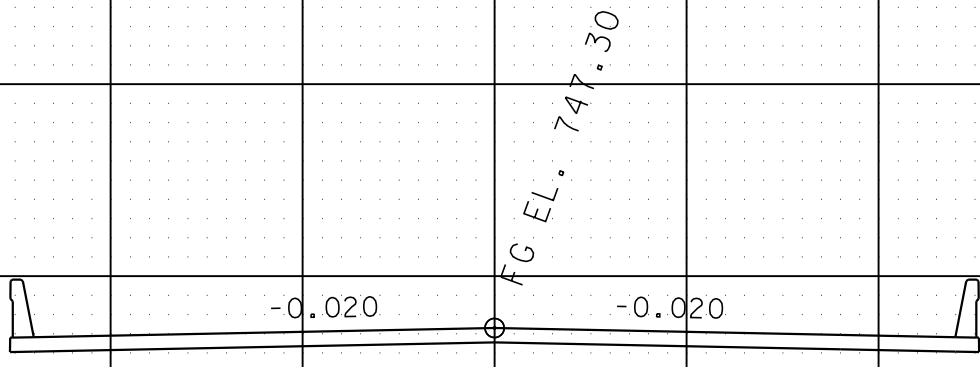
740

730

720

710

PROP. R.O.W.
OFFSET -102.94



PRES. R.O.W.
OFFSET 40.00

OFFSET 64.27
EL. 726.95

EL. 725.88

1:0.020-0.020

FG EL. 728.10

EL. 725.88

1:1
EL. 727.15
OFFSET 103.63

PRES. R.O.W.
OFFSET 110.00

129 + 50.00

760

750

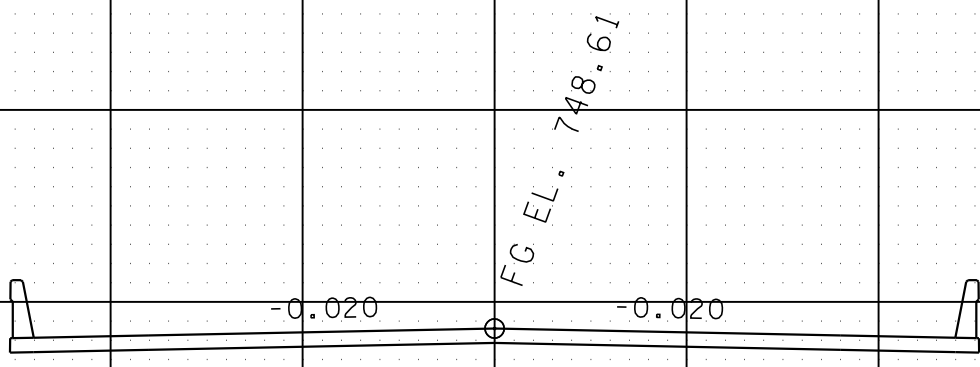
740

730

720

710

PROP. R.O.W.
OFFSET -104.19



OFFSET 66.09
EL. 726.31

EL. 725.59

1:0.020-0.020

FG EL. 727.81

EL. 725.59

1:1
EL. 727.46
OFFSET 106.52

PRES. R.O.W.
OFFSET 110.00

129 + 00.00

760

750

740

730

720

710

S.R. 40

BEGIN STA. 129 + 00.00
END STA. 129 + 50.00

4/8/2019 3:33:40 PM K:\925812\1\0ceee River SR 40 TDOT\CAD\05 -MainlineXS.sht

140

120

100

80

60

40

20

0

20

40

60

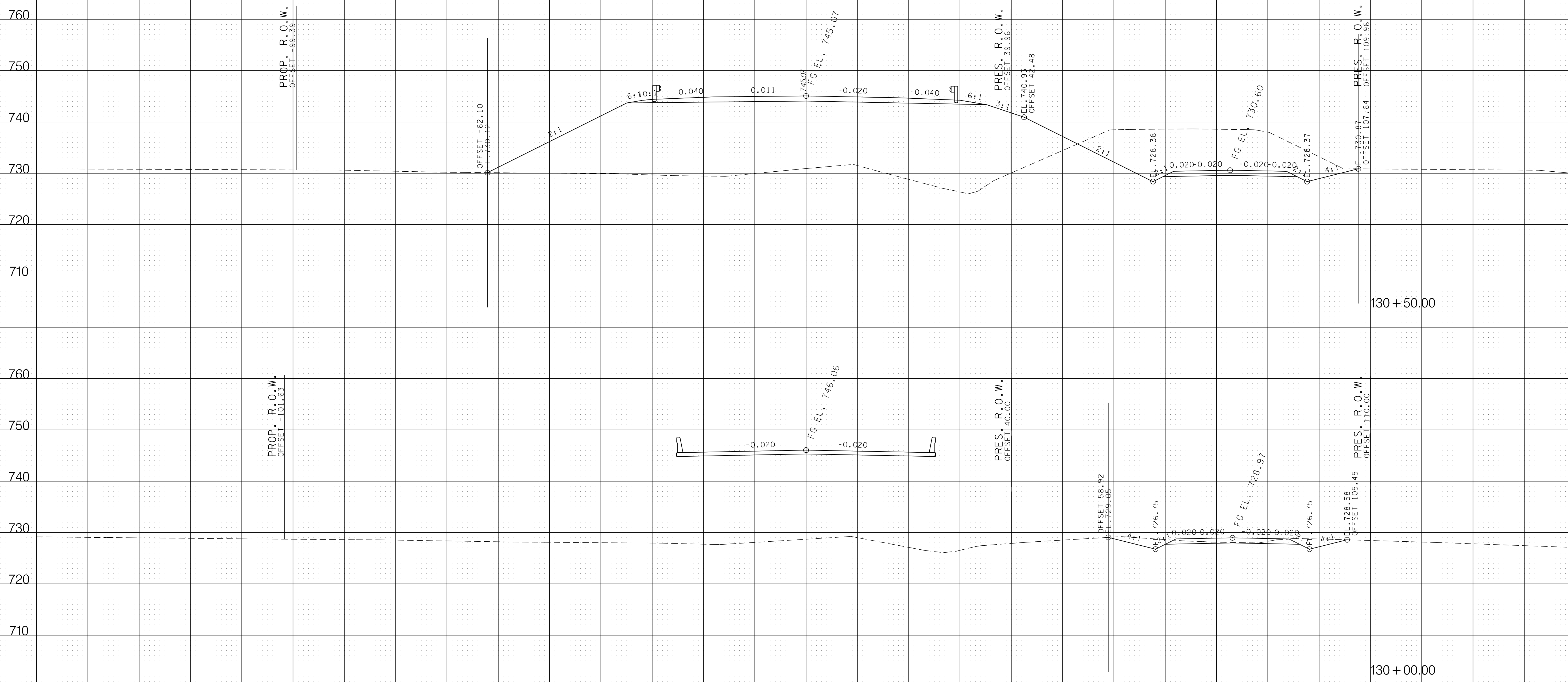
80

100

120

140

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	49

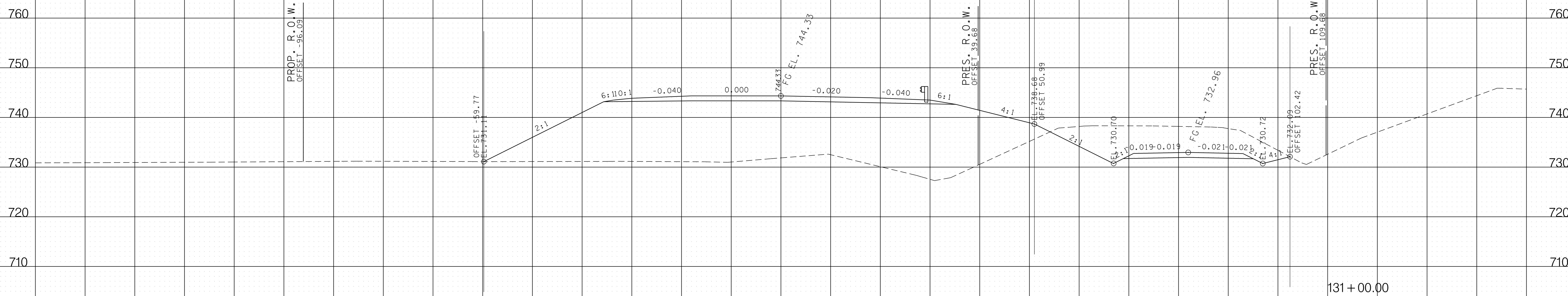
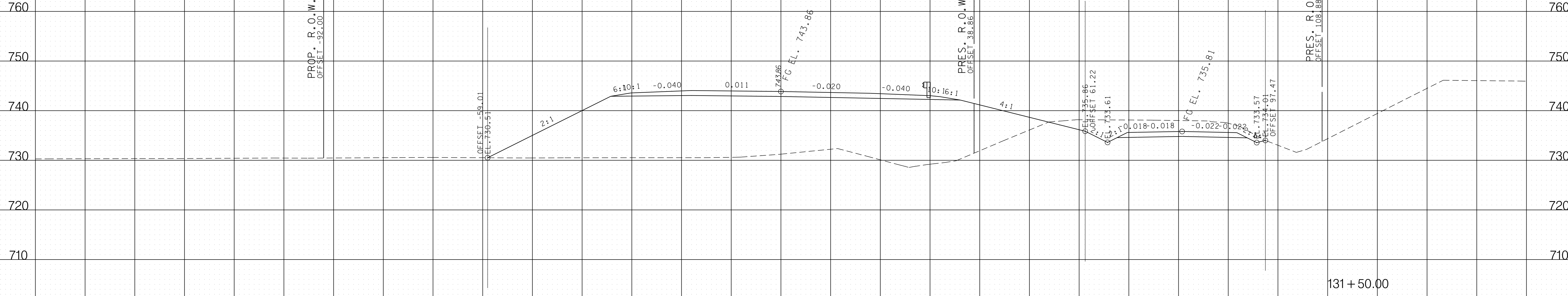


4/8/2019 3:33:43 PM K:\925812\1\0ceee River SR 40 TDOT\CAD\05 -MainlineXS.sht

S.R. 40

BEGIN STA. 130+00.00
END STA. 130+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	50

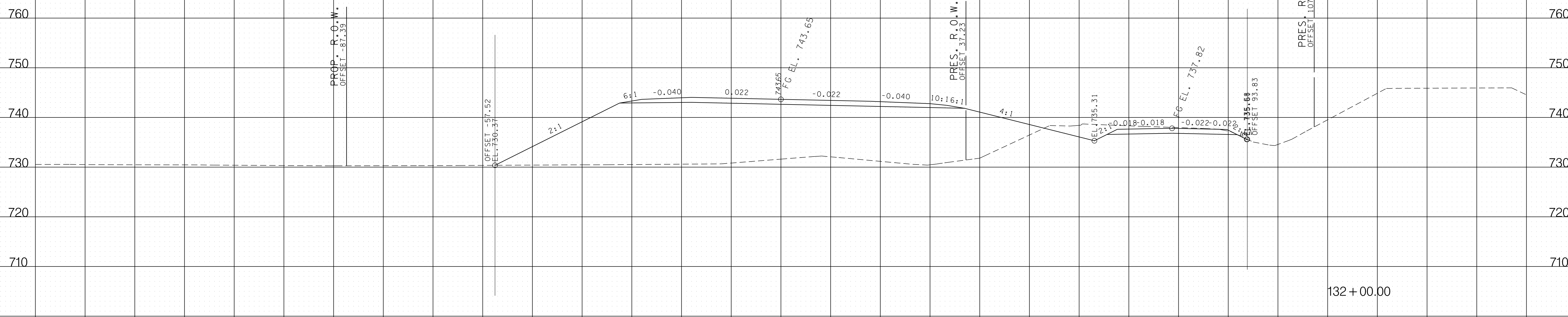
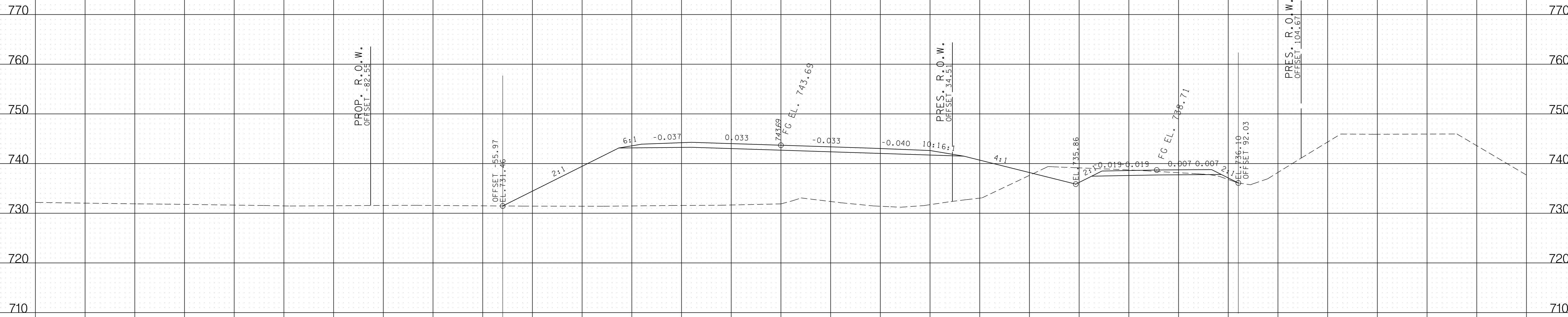


S.R. 40

BEGIN STA. 131+00.00
END STA. 131+50.00

4/8/2019 3:33:45 PM K:\925812\1\0c0ee River SR 40 TDOT\CAD\05 -MainlineXS.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	51



132 + 50.00

132 + 00.00

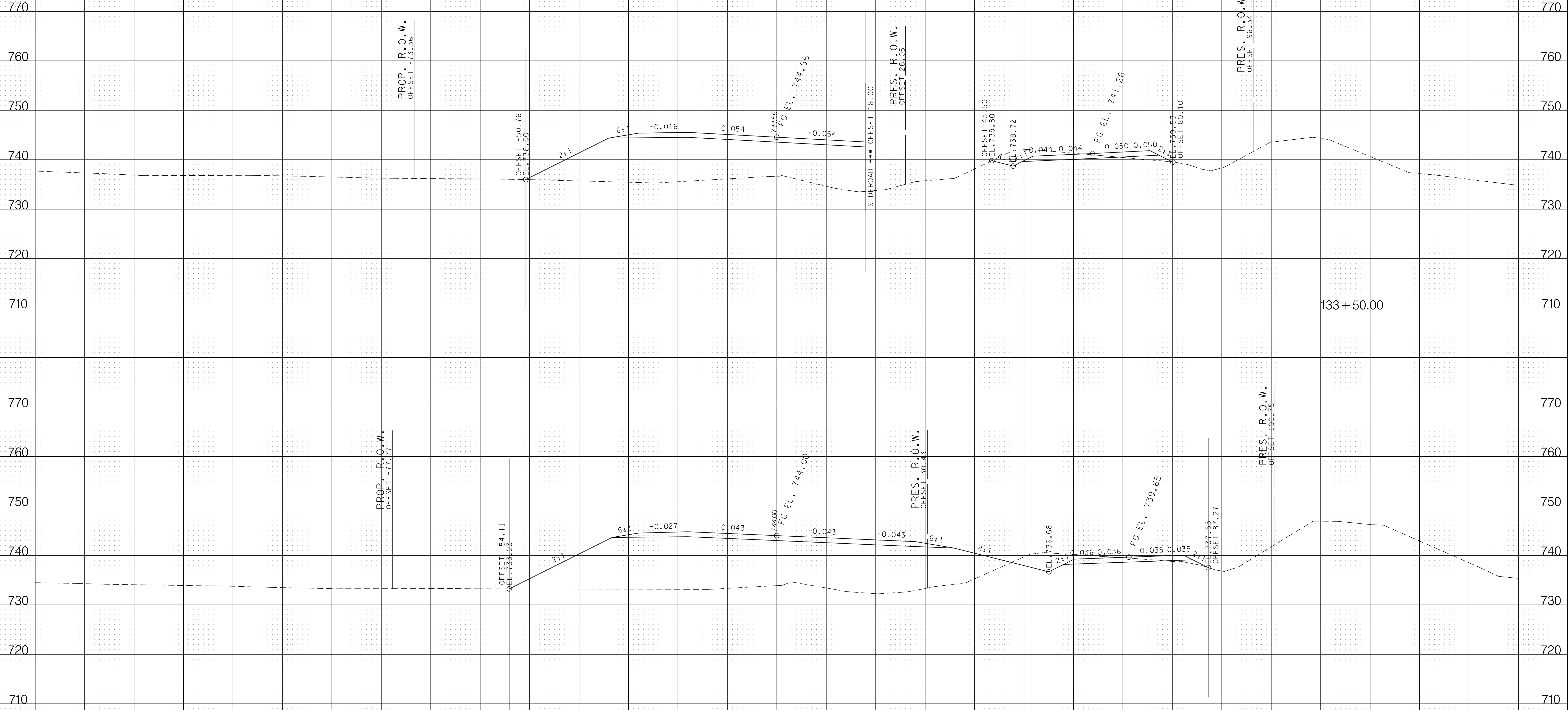
S.R. 40

BEGIN STA. 132 + 00.00
END STA. 132 + 50.00

4/8/2019 3:33:48 PM K:\925812\1\0ceee River SR 40 TDOT\CAD\015 -MainlineXS.sht

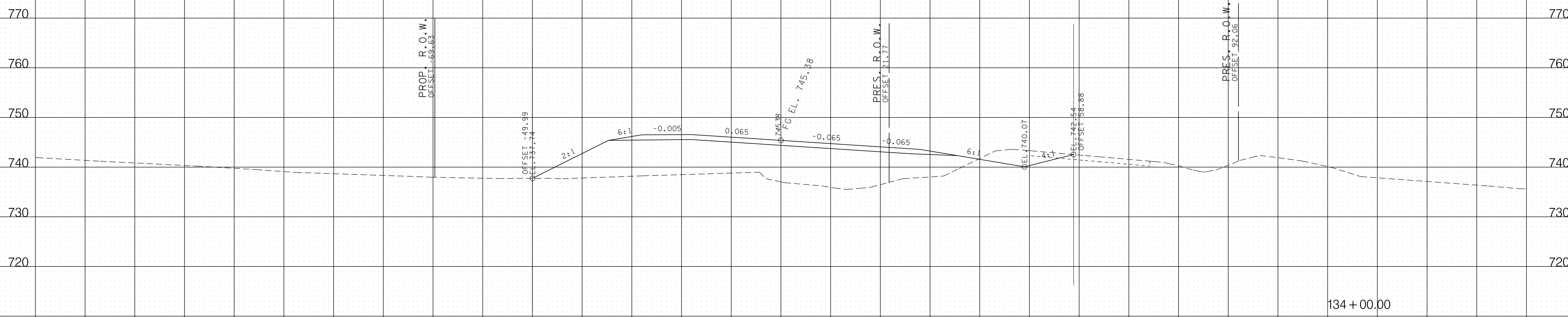
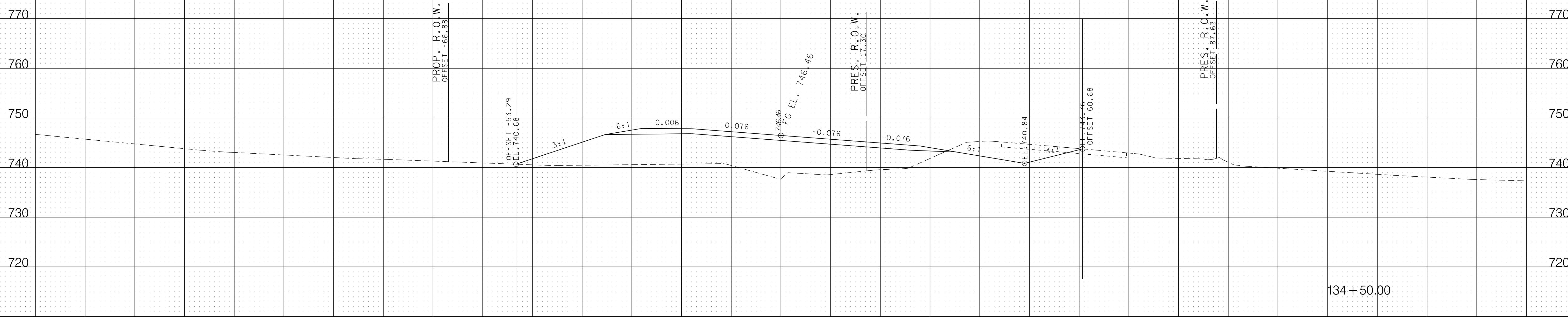
140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	52



4/8/2019 3:33:21PM K:\1925812\1\0c0ee River SR 40 TDOT\CAD\015 -MainlineXS.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	53

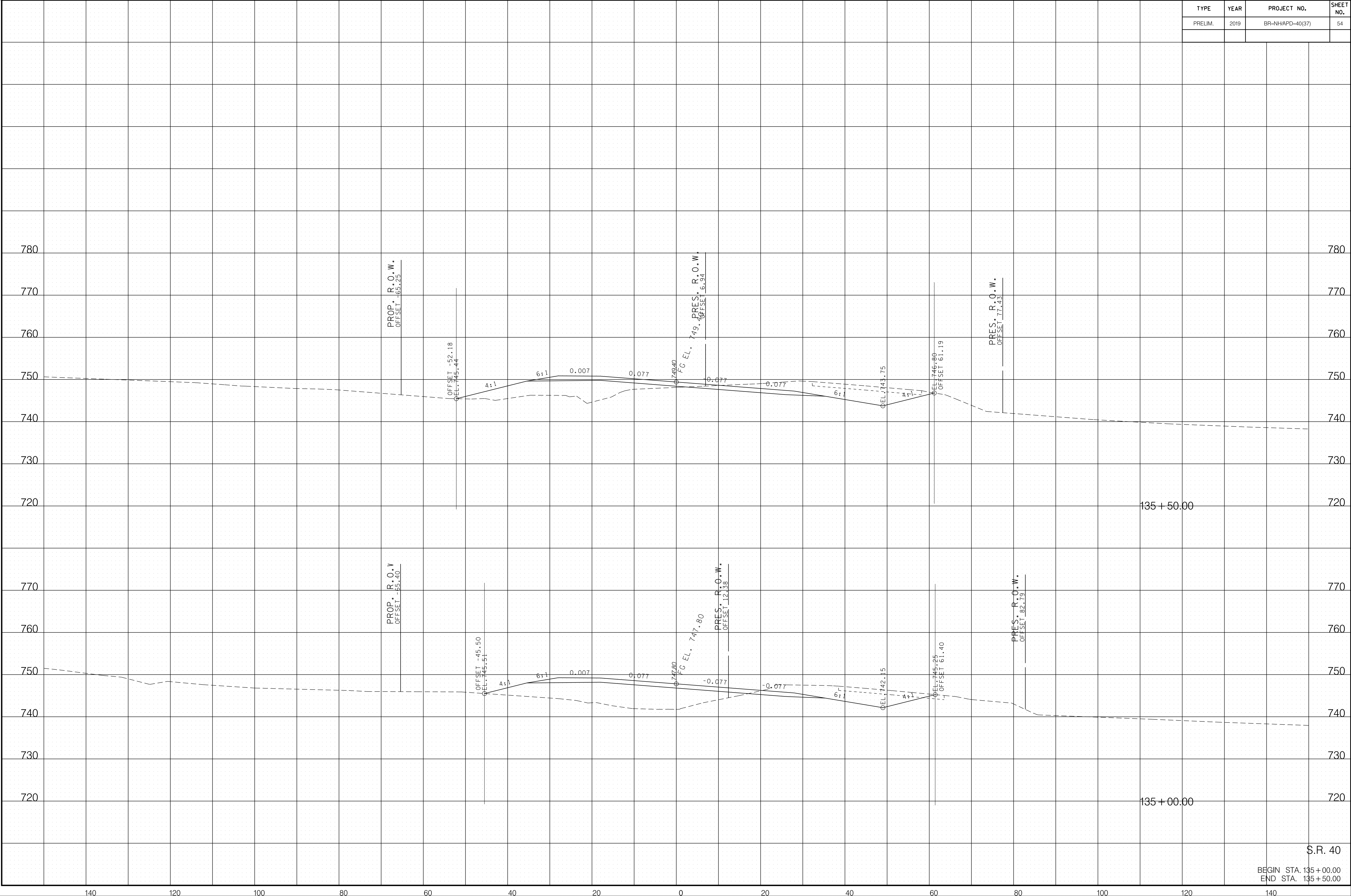


4/8/2019 3:33:23 PM
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S.R. 40
 BEGIN STA. 134 + 00.00
 END STA. 134 + 50.00

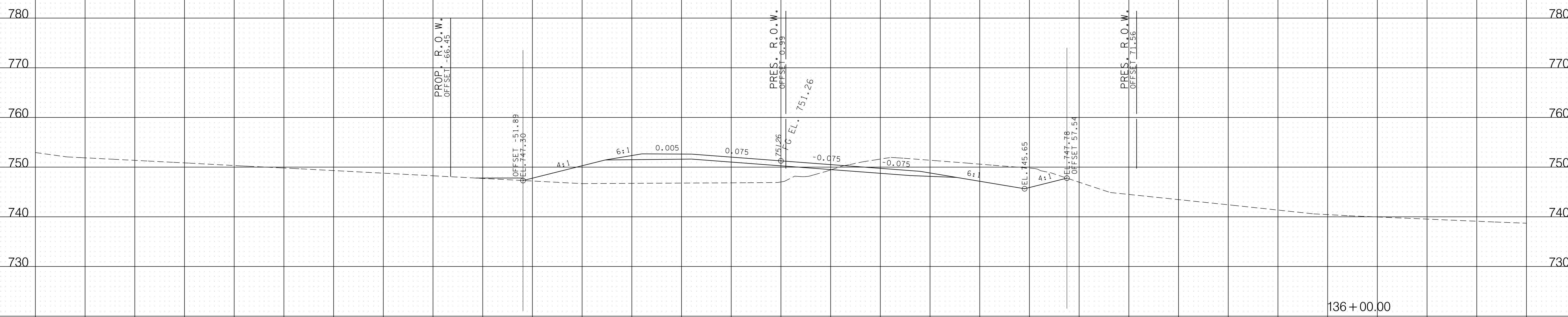
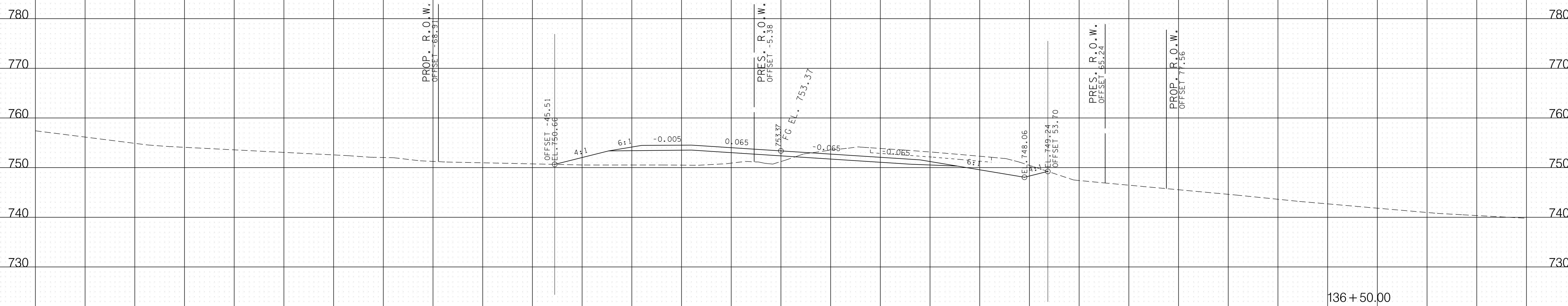
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	54

4/8/2019 3:33:26 PM K:\925812\1\0c000 River SR 40 TDOT\CAD\05 -MainlineXS.sht



S.R. 40
 BEGIN STA. 135+00.00
 END STA. 135+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	55



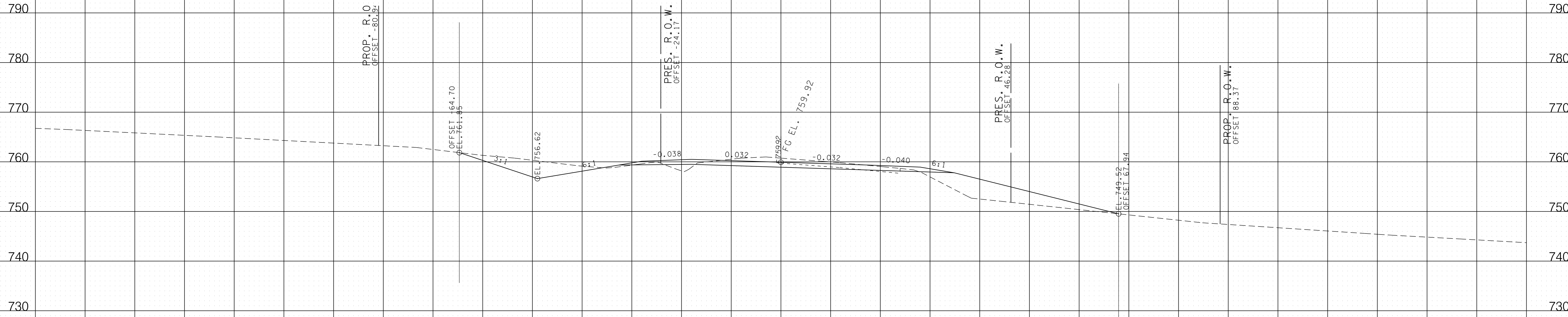
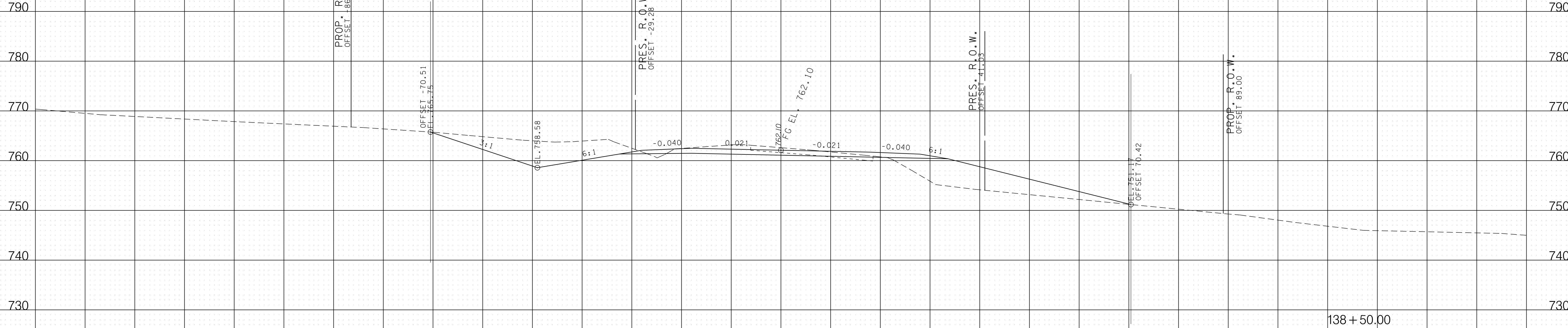
S.R. 40

BEGIN STA. 136+00.00
END STA. 136+50.00

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	57



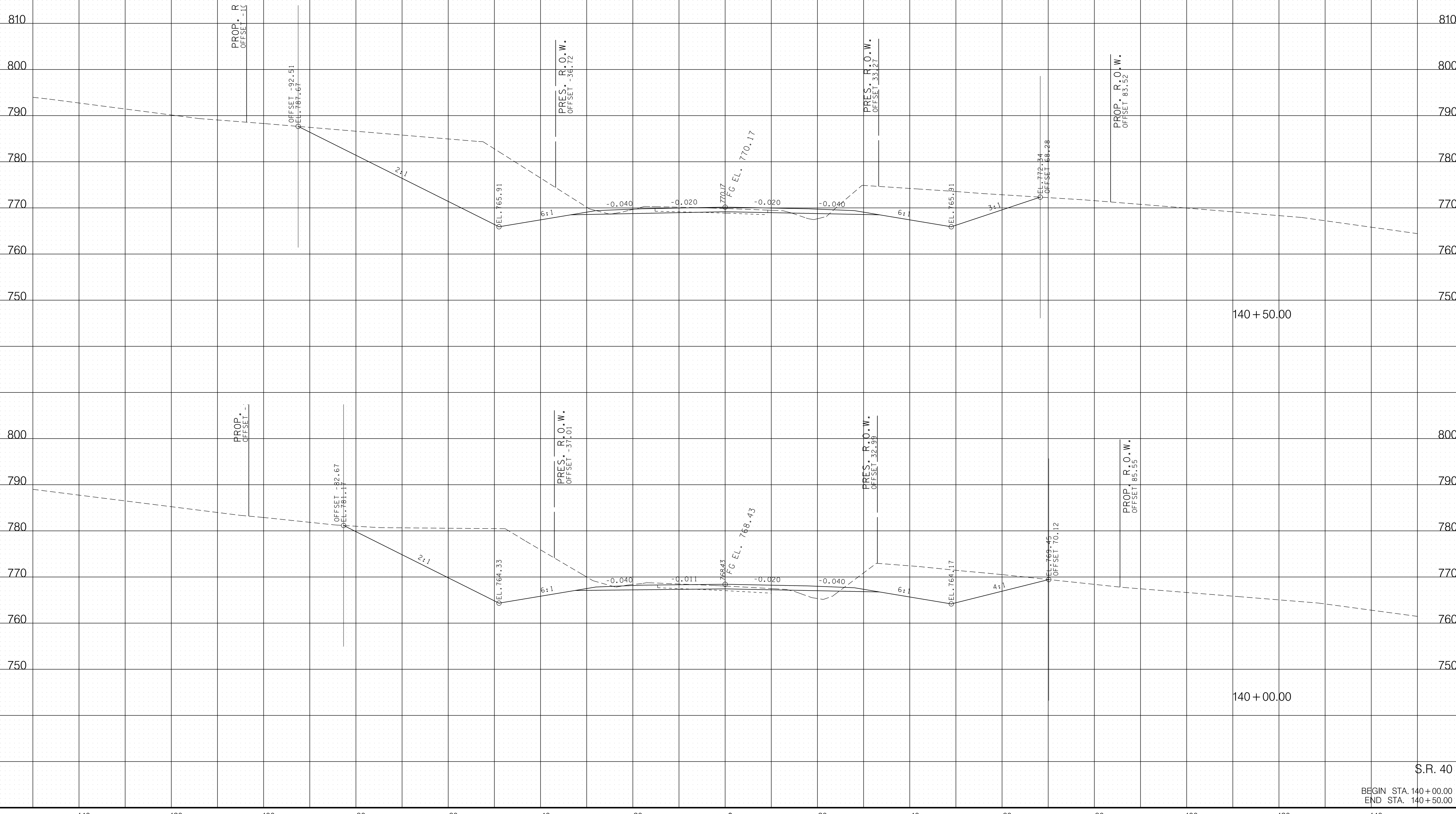
4/8/2019 3:33:33 PM K:\925812\1\0c0ee River SR 40 TDOT\CAD\015 -MainlineXS.sht

138 + 50.00

138 + 00.00

S.R. 40
 BEGIN STA. 138 + 00.00
 END STA. 138 + 50.00

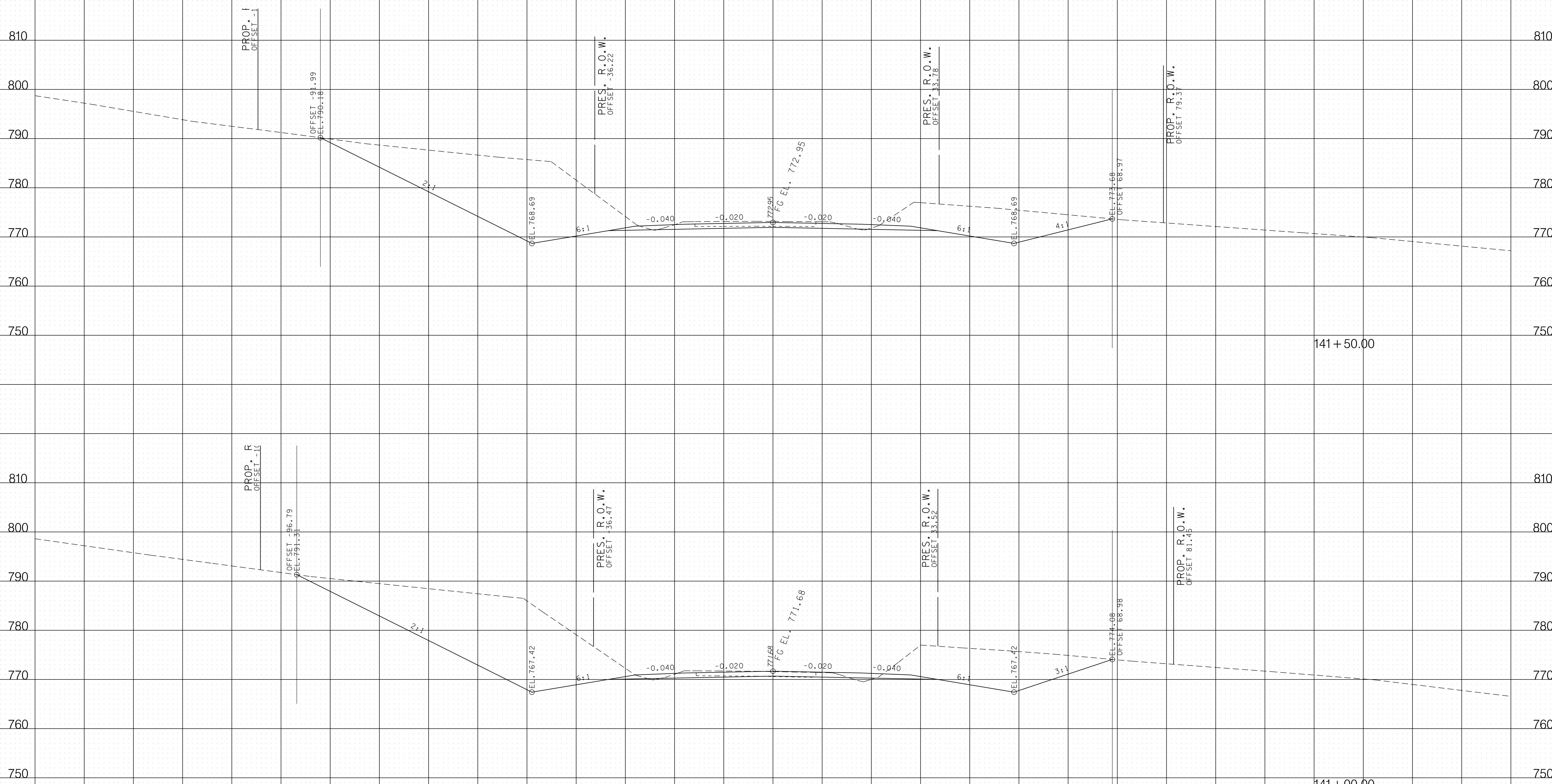
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	59



4/8/2019 3:33:38 PM K:\925812\1\0c000 River SR 40 TDOT\CAD\015 -MainlineXS.sht

S.R. 40
 BEGIN STA. 140+00.00
 END STA. 140+50.00

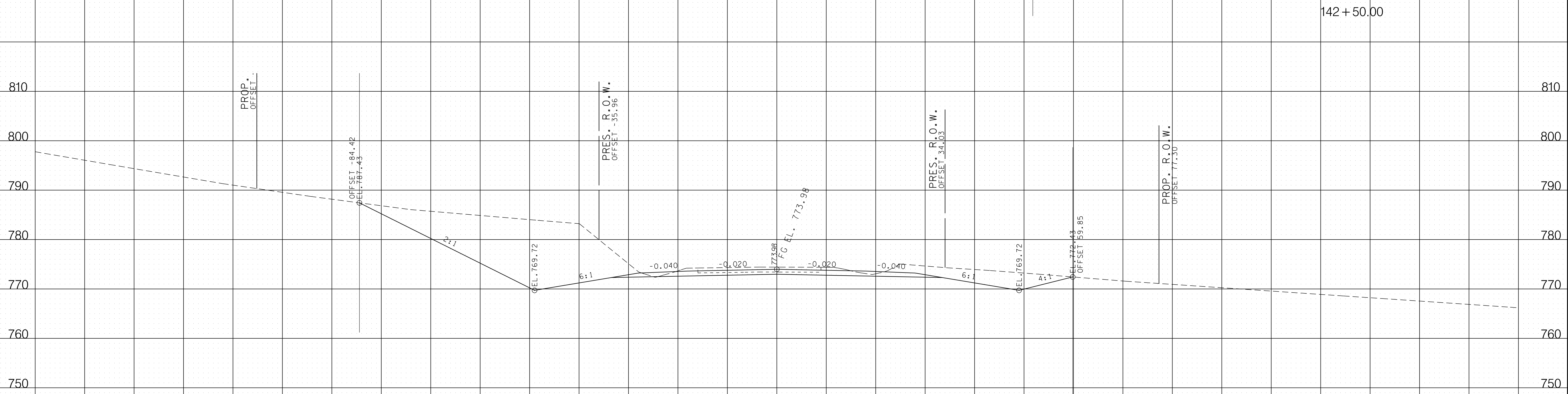
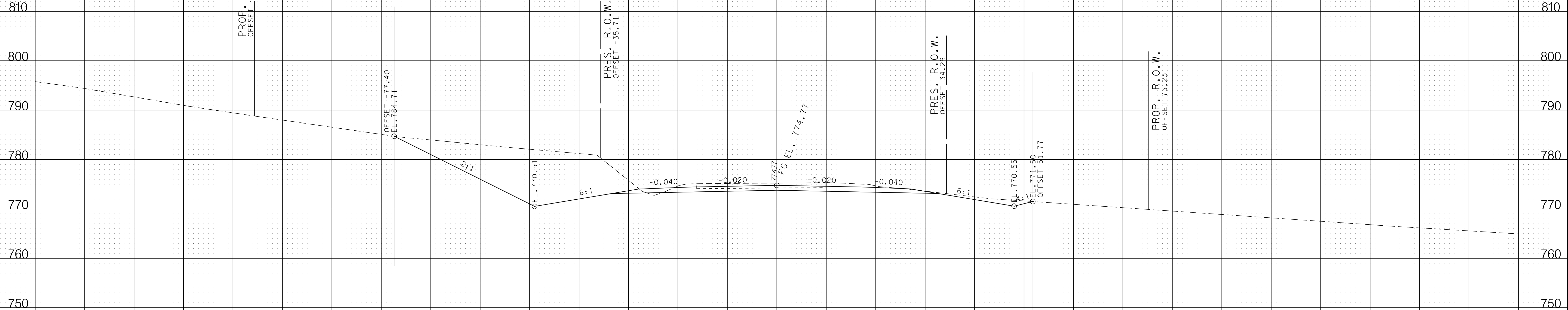
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	60



4/8/2019 3:33:40 PM
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S.R. 40
BEGIN STA. 141+00.00
END STA. 141+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	61



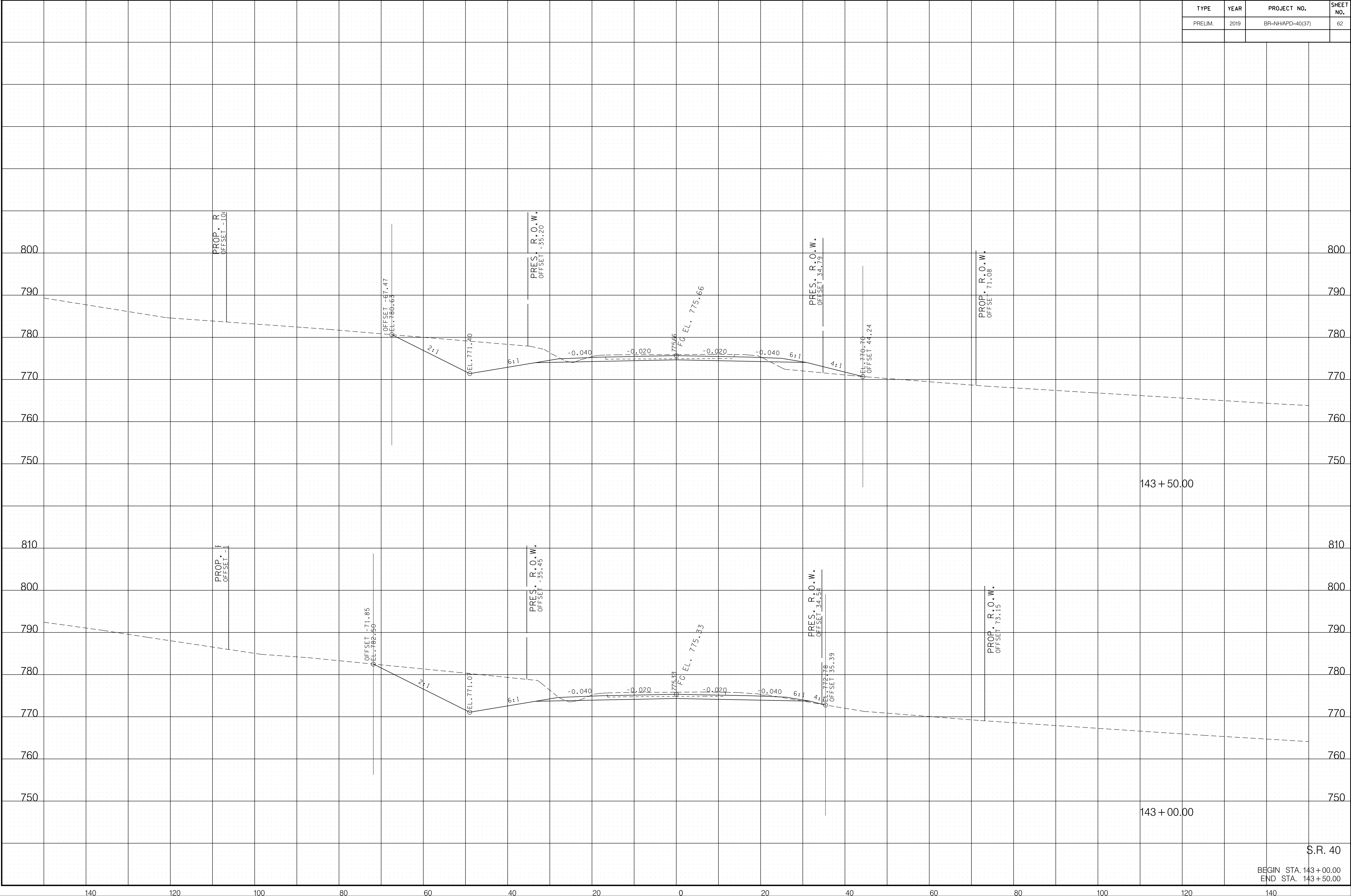
4/8/2019 3:33:43 PM K:\925812\1\0c0ee River SR 40 TDOT\CAD\015 -MainlineXS.sht

S.R. 40
 BEGIN STA. 142+00.00
 END STA. 142+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	62

4/8/2019 3:33:45 PM

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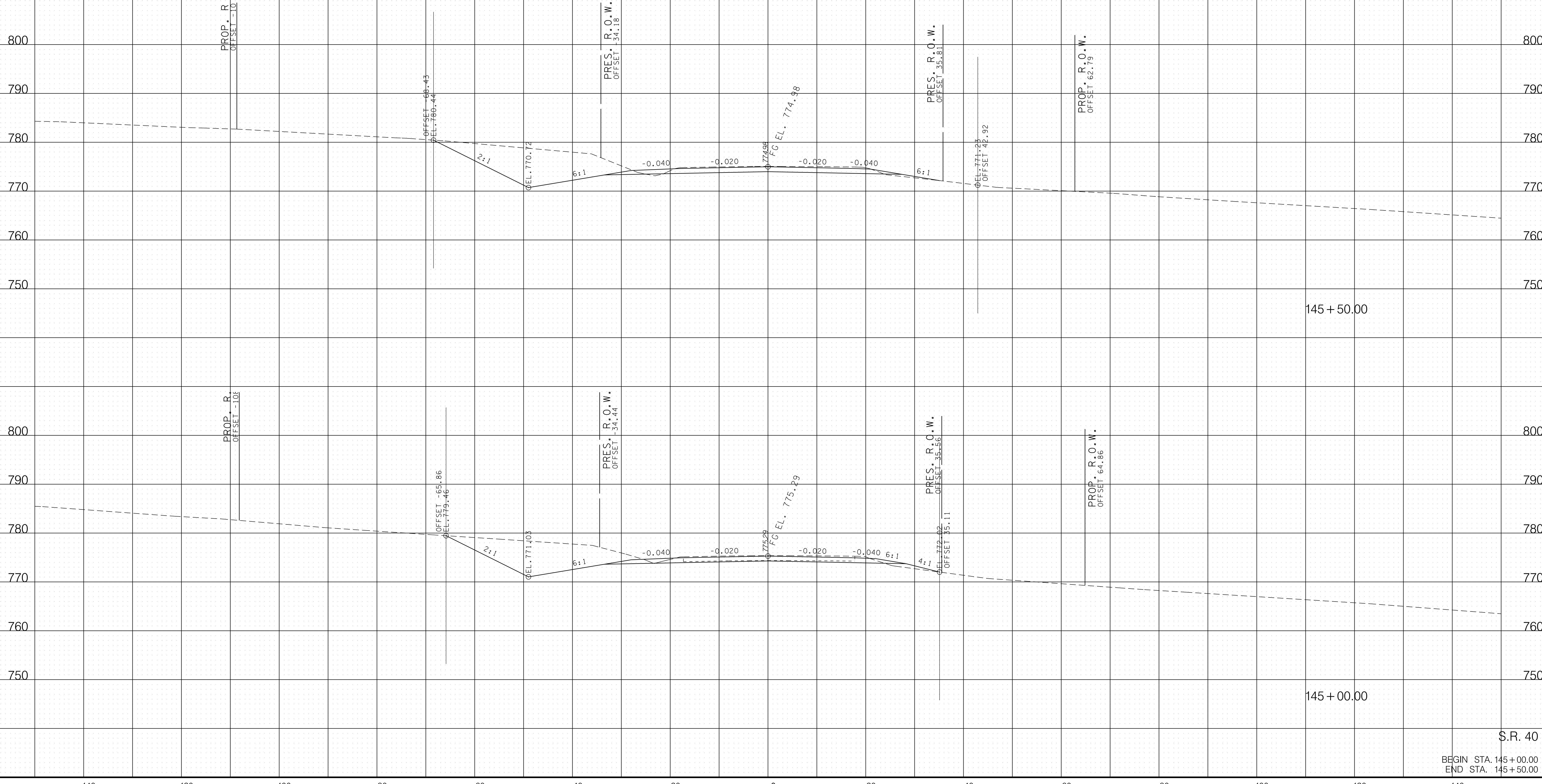
143 + 50.00

143 + 00.00

S.R. 40

BEGIN STA. 143+00.00
END STA. 143+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	64

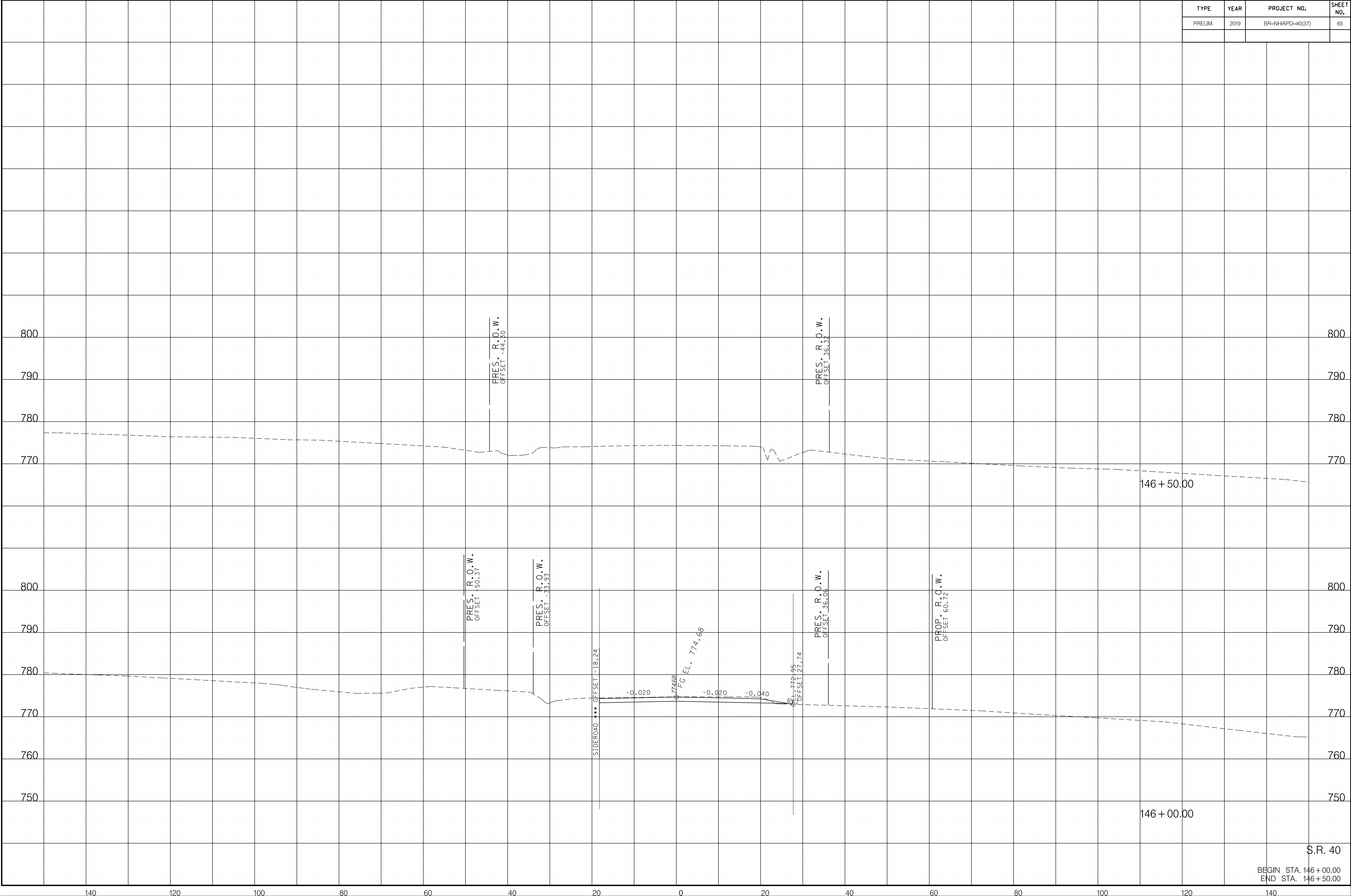


4/8/2019 3:33:50 PM K:\925812\1\0ceee River SR 40 TDOT\CAD\05 -MainlineXS.sht

S.R. 40
 BEGIN STA. 145+00.00
 END STA. 145+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	65

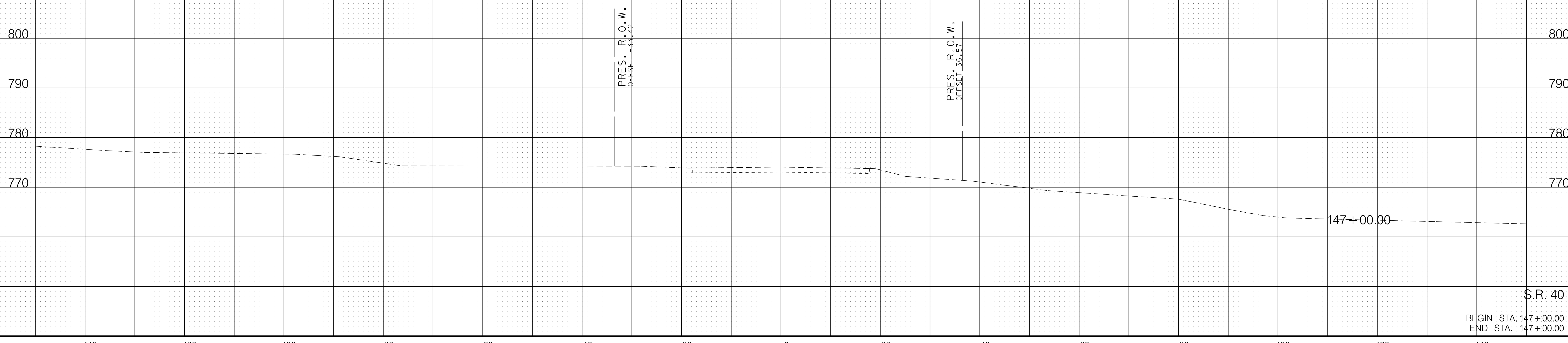
4/8/2019 3:33:53 PM
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S.R. 40
 BEGIN STA. 146+00.00
 END STA. 146+50.00

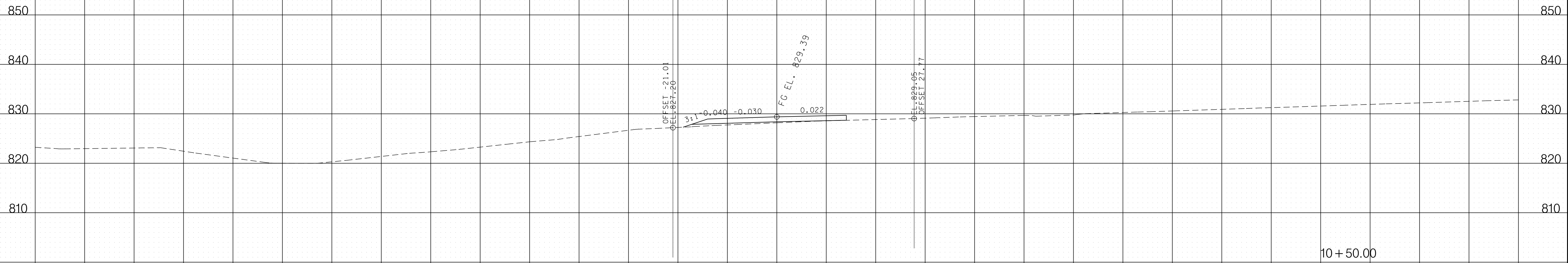
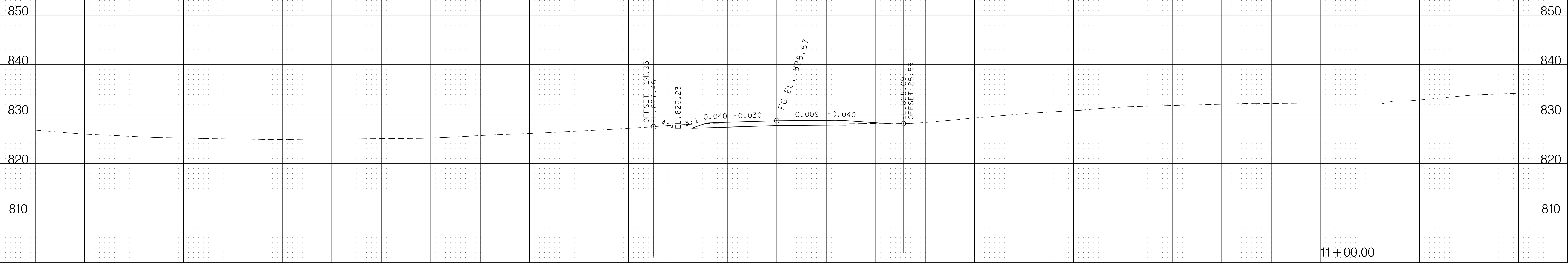
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	66

4/8/2019 3:33:55 PM K:\925812\1\0c0ee River SR 40 TDOT\CAD\05 -MainlineXS.sht



S.R. 40
 BEGIN STA. 147+00.00
 END STA. 147+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	67



COOKSON ROAD

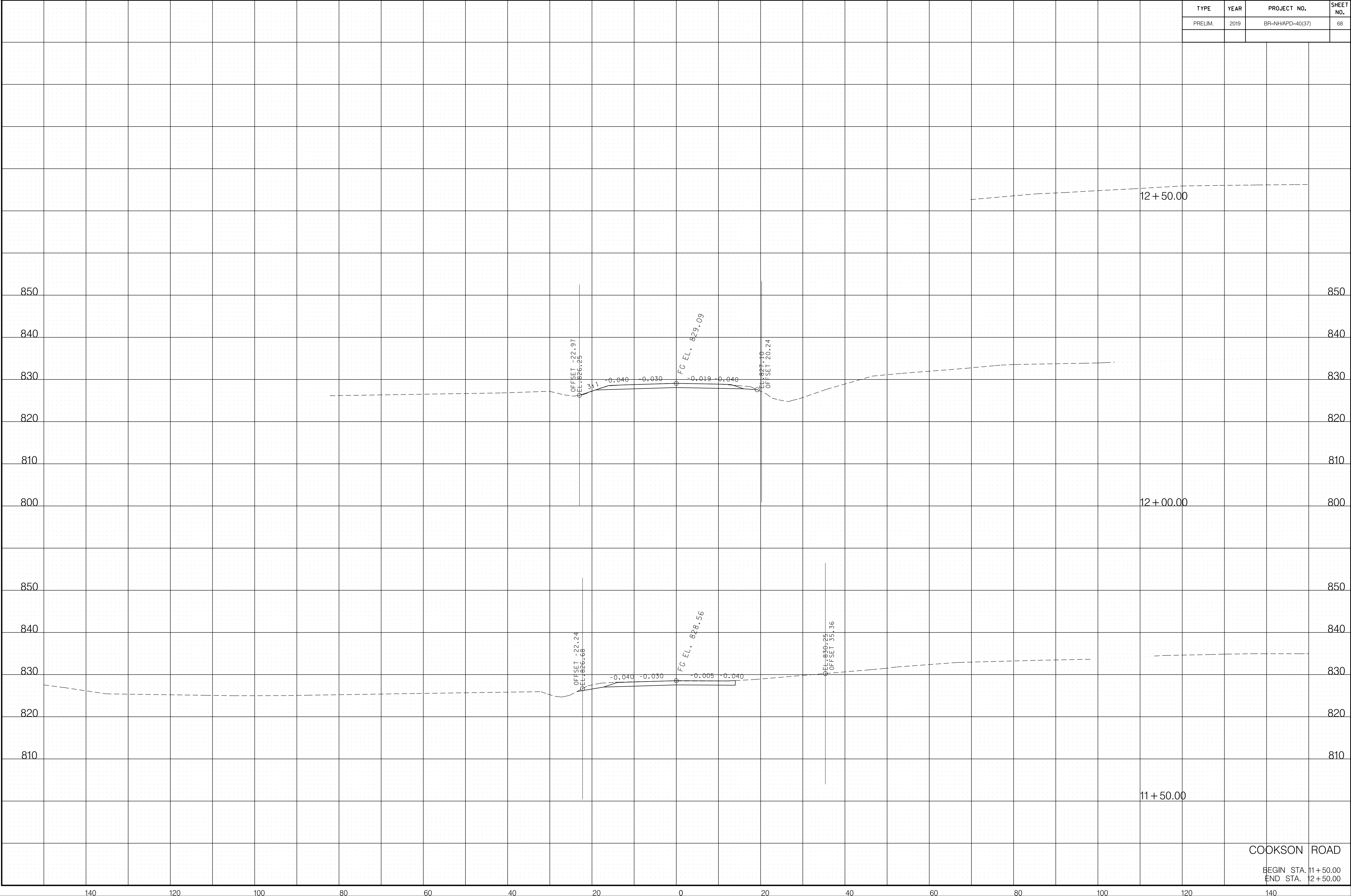
BEGIN STA. 10+50.00
END STA. 11+00.00

4/8/2019 3:33:56 PM K:\925812\1\0c0ee River SR 40 TDOT\CAD\067 -CooksonXS.sht

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	68

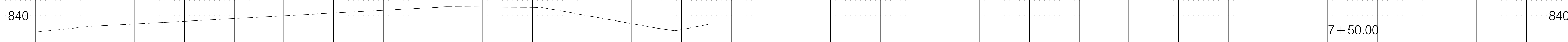
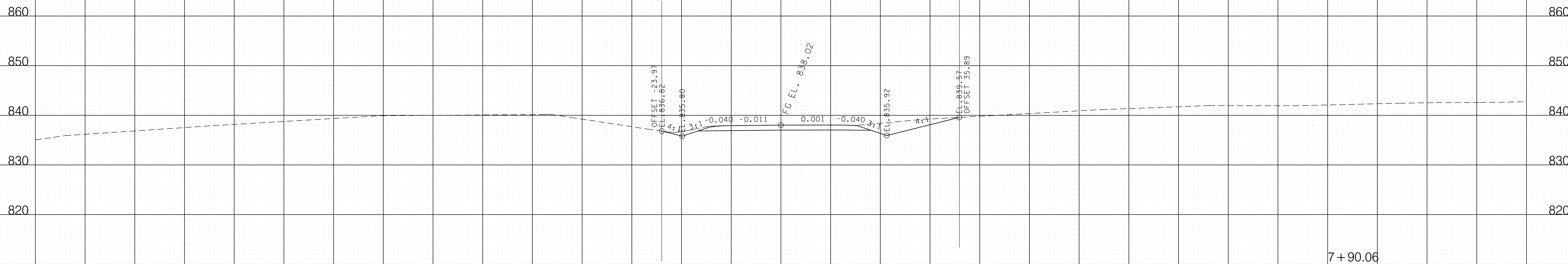
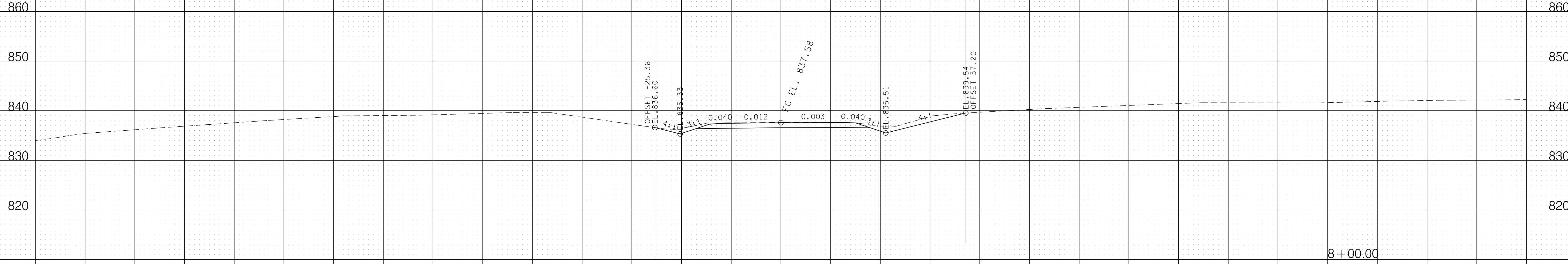
4/8/2019 3:33:57 PM
 K:\1925812\1\0c0ee River SR 40 TDOT\CAD\067 -CooksonXS.sht



COOKSON ROAD

BEGIN STA. 11+50.00
 END STA. 12+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	69

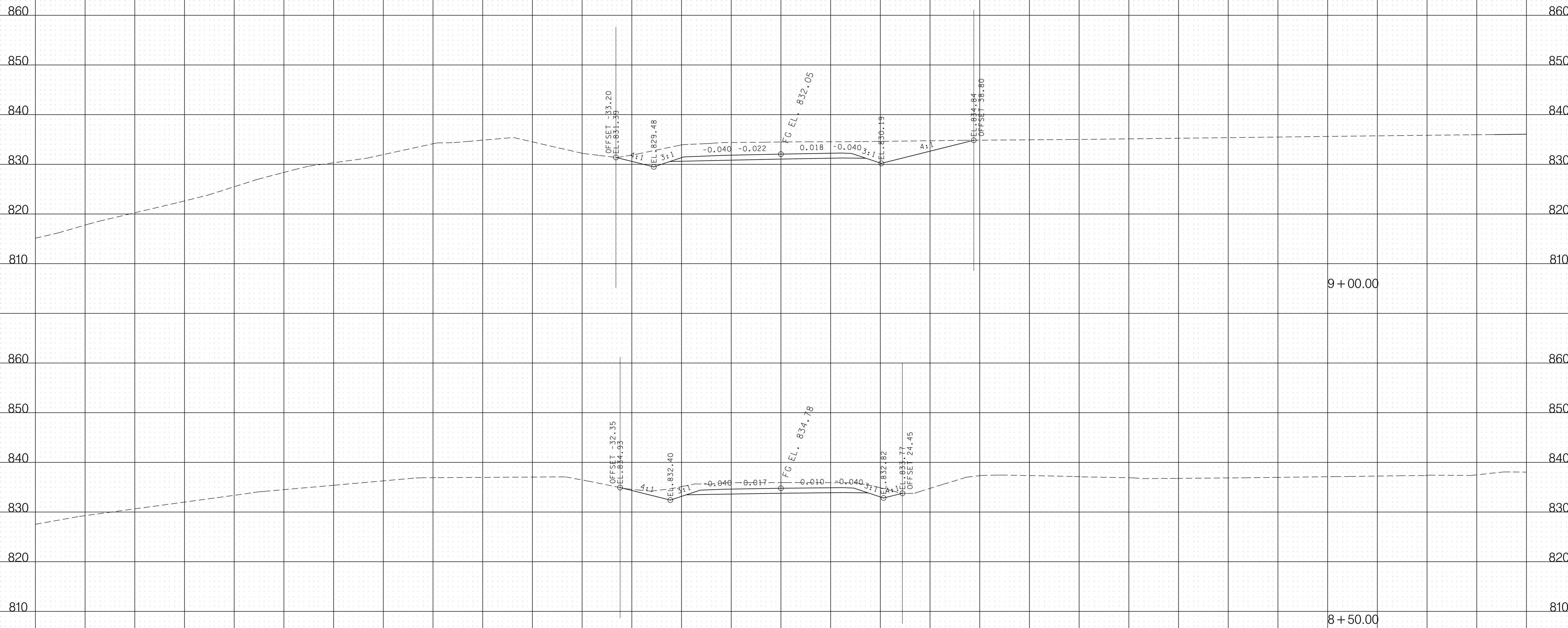


HILDEBRAND ROAD

BEGIN STA. 7+50.00
END STA. 8+00.00

4/8/2019 3:33:58 PM K:\925812\1\0ceee River SR 40 TDOT\CAD\069 -Hildebrand\XS.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	70



9 + 00.00

8 + 50.00

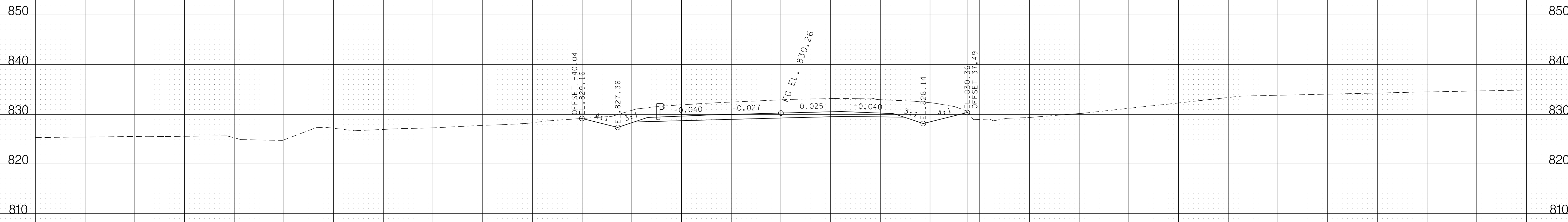
HILDABRAND ROAD

BEGIN STA. 8+50.00
END STA. 9+00.00

4/8/2019 3:33:59 PM K:\925812\1\Oceee River SR 40 TDOT\CAD\069 -Hildebrand\XS.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	71

4/8/2019 3:34:00 PM K:\925812\1\0c0ee River SR 40 TDOT\CAD\069 -Hildebrand\XS.sht

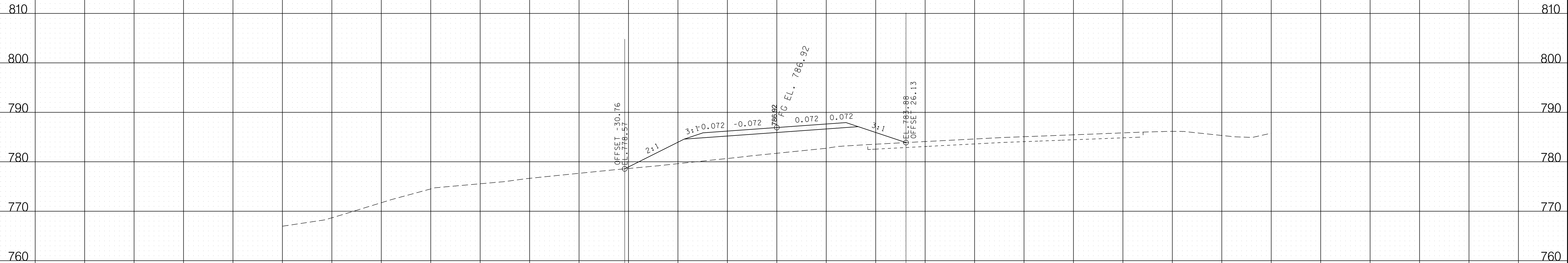


9 + 50.00

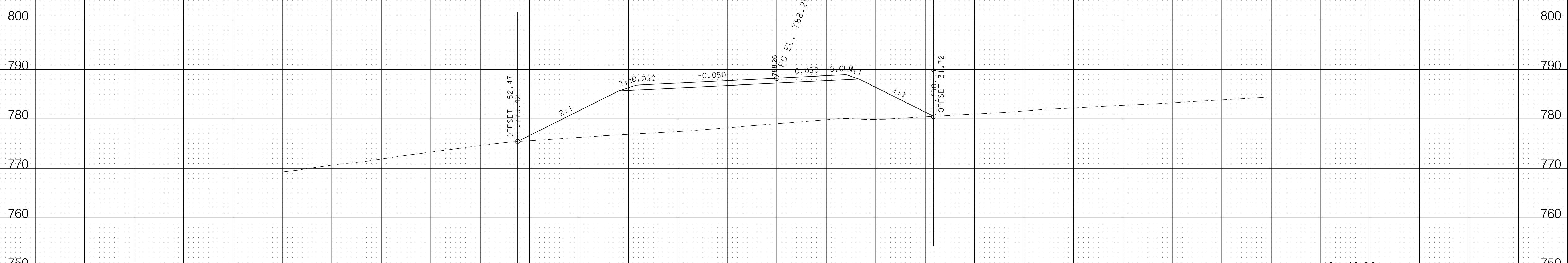
HILDABRAND ROAD

BEGIN STA. 9+50.00
END STA. 9+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	72



40 + 50.00



40 + 18.00

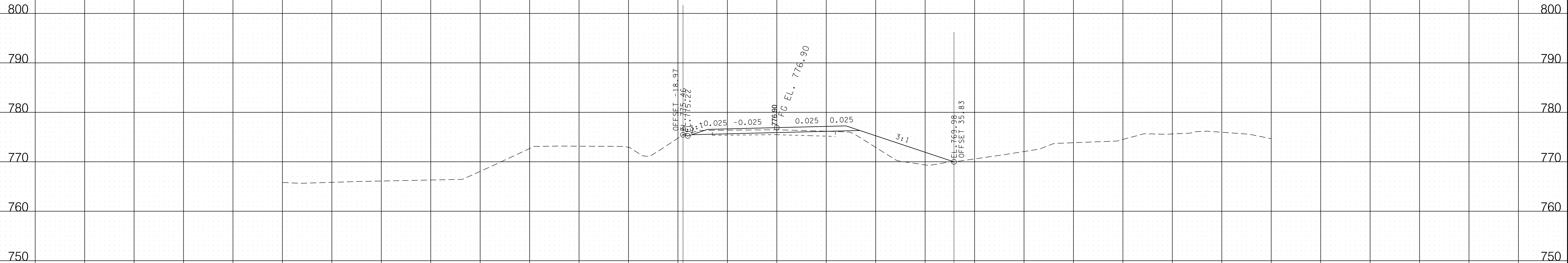
RIVER BEND ROAD

BEGIN STA. 40+18.00
END STA. 40+50.00

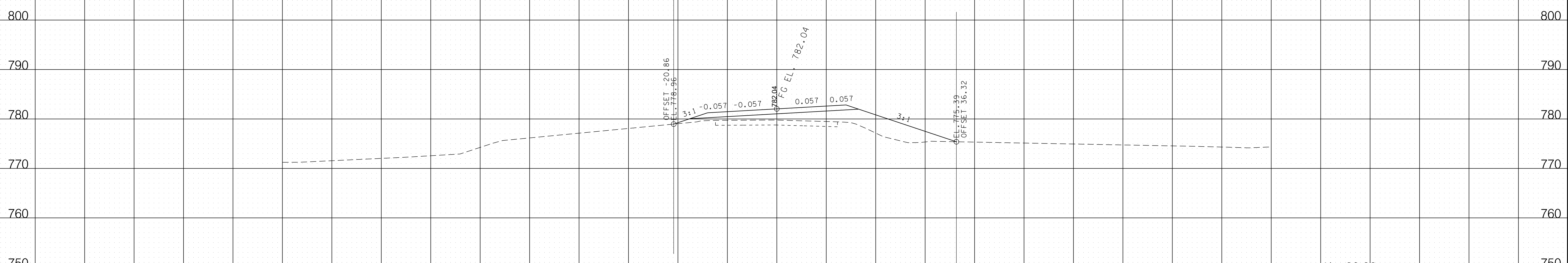
4/8/2019 3:34:01PM
K:\1925812\1\0c0ee River SR 40 TDOT\CAD\072 -River-BendExt\XS.SHT

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	73



41+50.00



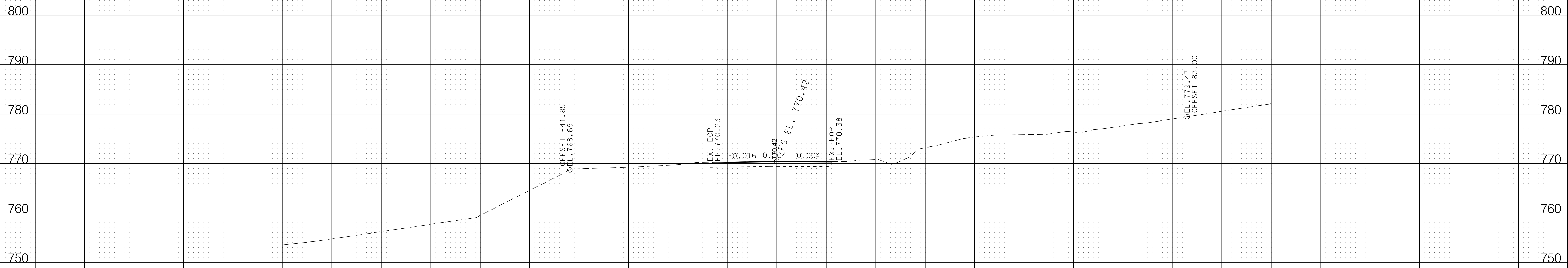
41+00.00

RIVER BEND ROAD

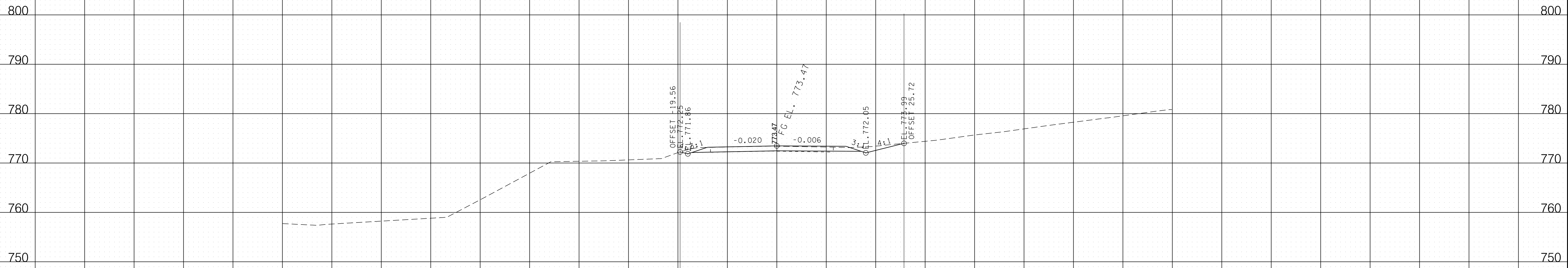
BEGIN STA. 41+00.00
END STA. 41+50.00

4/8/2019 3:34:02 PM
K:\925812\1\0c0ee River SR 40 TDOT\CAD\072 -RiverBendExt\XS.SHT

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	74



42 + 50.00



42 + 00.00

RIVER BEND ROAD

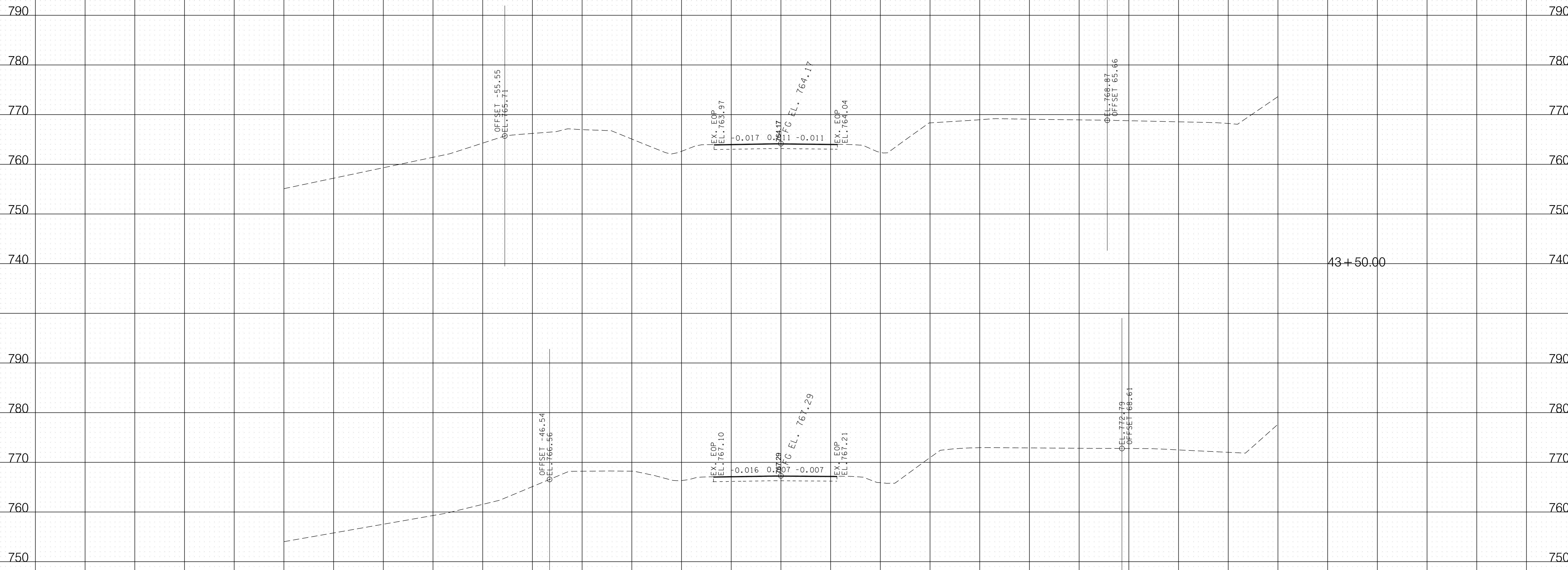
BEGIN STA. 42 + 00.00
END STA. 42 + 50.00

4/8/2019 3:34:03 PM

K:\1925812\1\0c0ee River SR 40 TDOT\CAD\072 -RiverBendExt\XS.SHT

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	75



4/8/2019 3:34:04 PM
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43+00.00

43+50.00

RIVER BEND ROAD

BEGIN STA. 43+00.00
 END STA. 43+50.00

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	76

4/8/2019 3:34:05 PM

K:\1925812\1\0c0ee River SR 40 TDOT\CAD\072 -RiverBendExt\XS.SHT

790
780
770
760
750
740
790
780
770
760
750
740

790
780
770
760
750
740
790
780
770
760
750
740

OFFSET -64.38
EEL 762.39

EX. EOP
EL. 759.24

-0.021

FG EL. 758.48

-0.018

EX. EOP
EL. 758.27

OFFSET -68.94
EEL 763.89

OFFSET -64.65
EEL 764.21

EX. EOP
EL. 760.98

-0.020

FG EL. 761.21

-0.014

EX. EOP
EL. 761.04

OFFSET -66.17
EEL 766.94

44 + 50.00

44 + 00.00

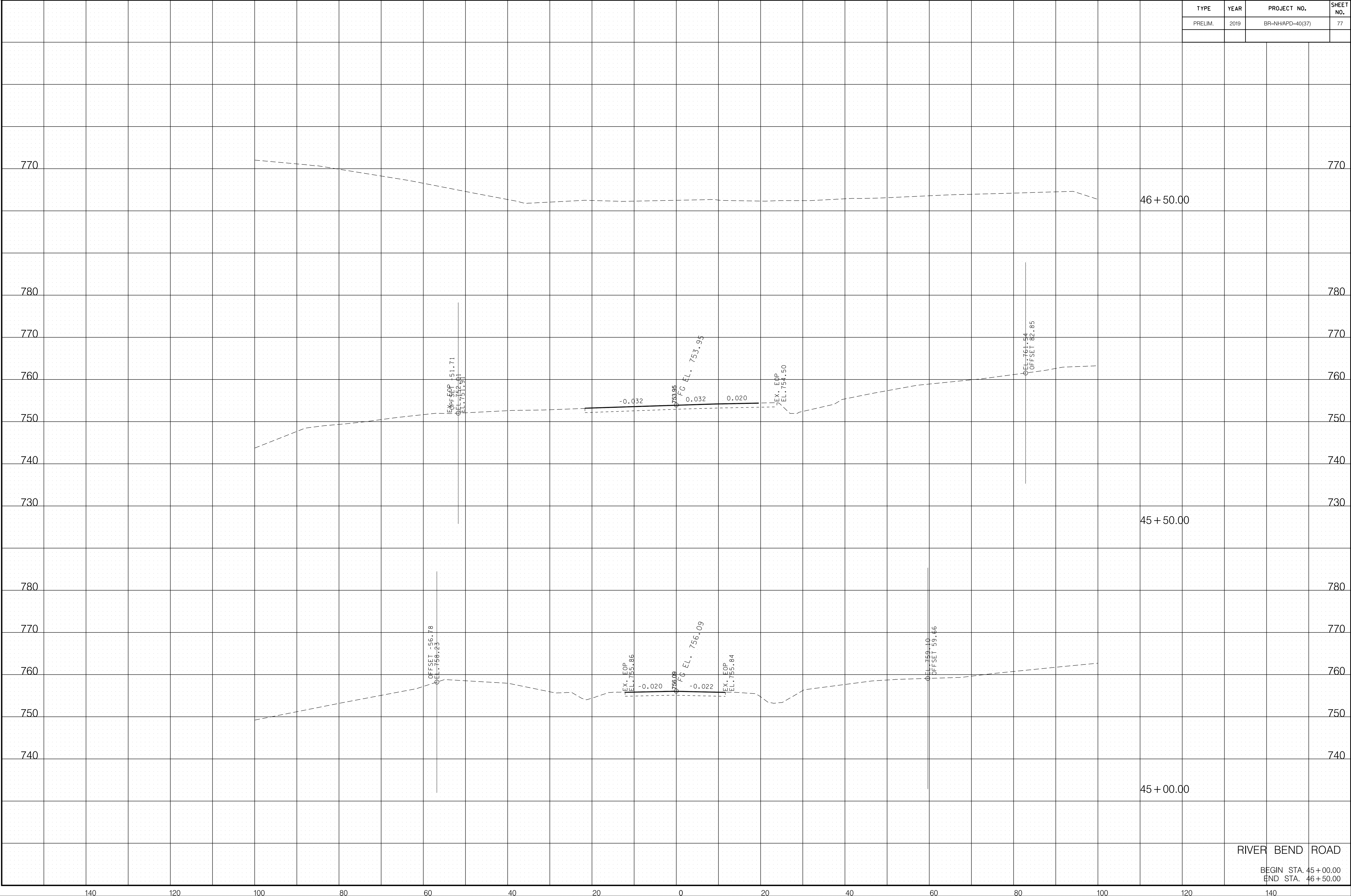
RIVER BEND ROAD

BEGIN STA. 44 + 00.00
END STA. 44 + 50.00

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	77

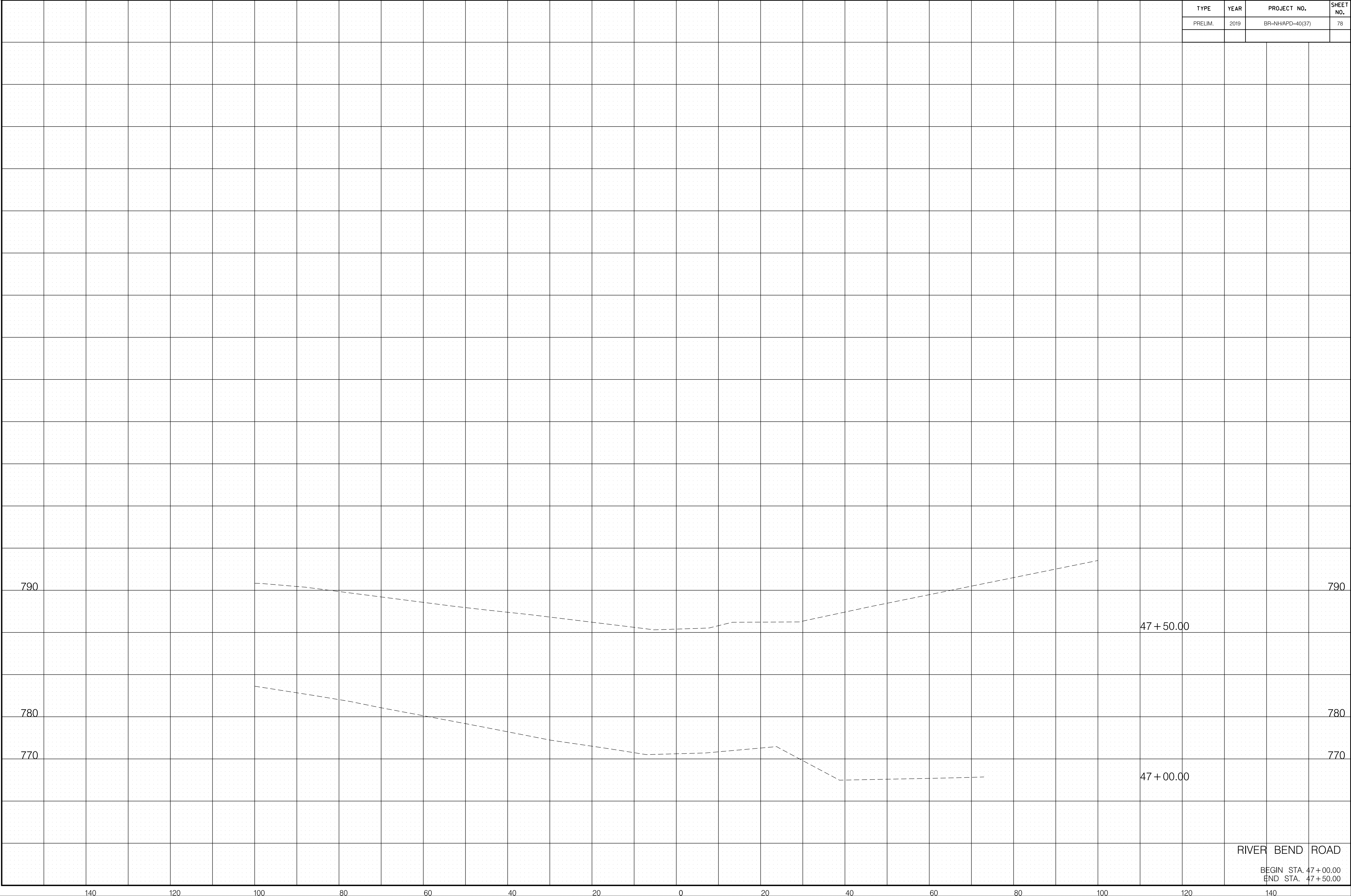
4/8/2019 3:34:06 PM K:\925812\1\0c0ee River SR 40 TDOT\CAD\072 -River Bend\Ext\XS.SHT



RIVER BEND ROAD
 BEGIN STA. 45+00.00
 END STA. 46+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	78

4/8/2019 3:34:07 PM K:\925812\1\0c0ee River SR 40 TDOT\CAD\072 -River-BendExt\XS.SHT



790

790

780

780

770

770

47 + 50.00

47 + 00.00

RIVER BEND ROAD

BEGIN STA. 47+00.00
END STA. 47+50.00

140

120

100

80

60

40

20

0

20

40

60

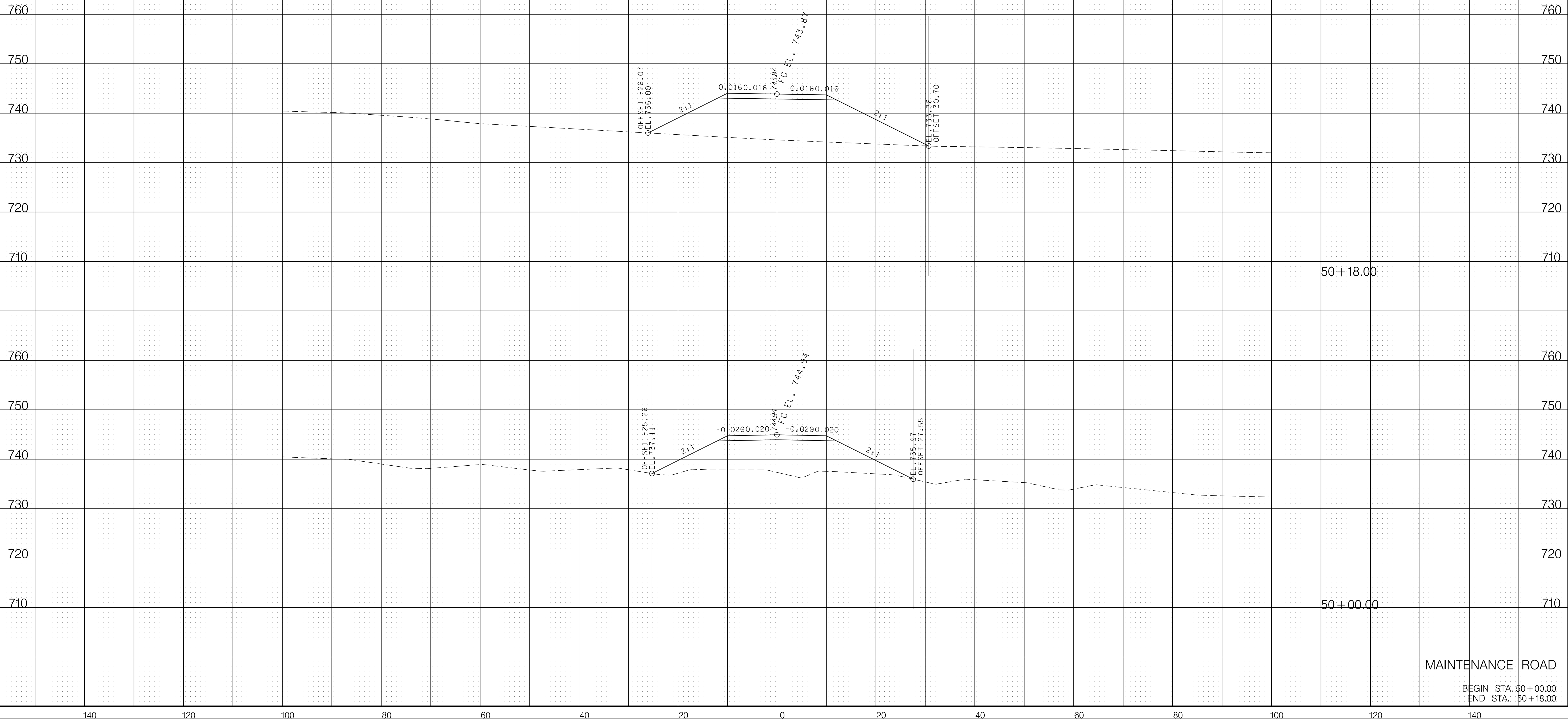
80

100

120

140

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	79

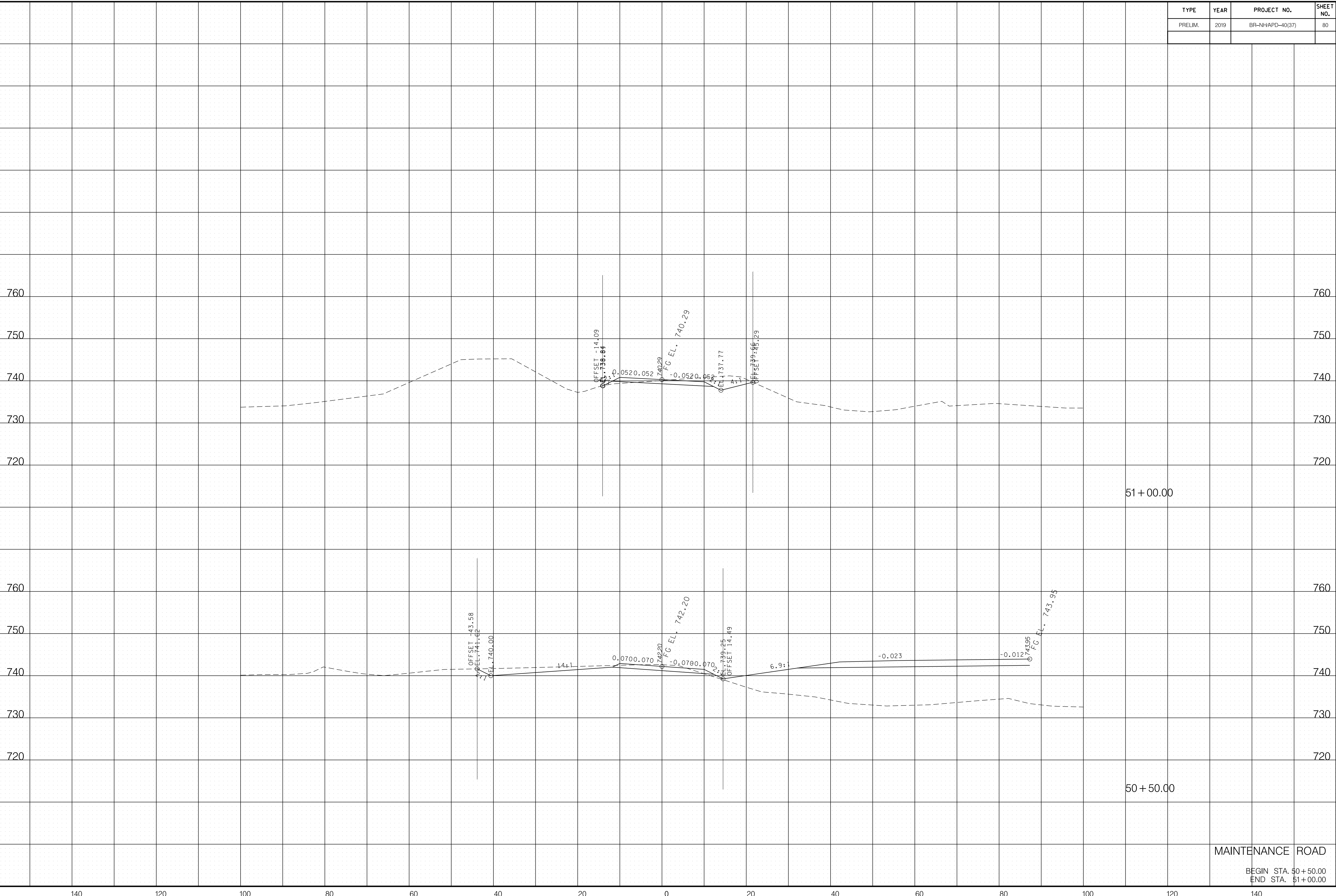


4/8/2019 3:34:08 PM
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MAINTENANCE ROAD

BEGIN STA. 50+00.00
END STA. 50+18.00

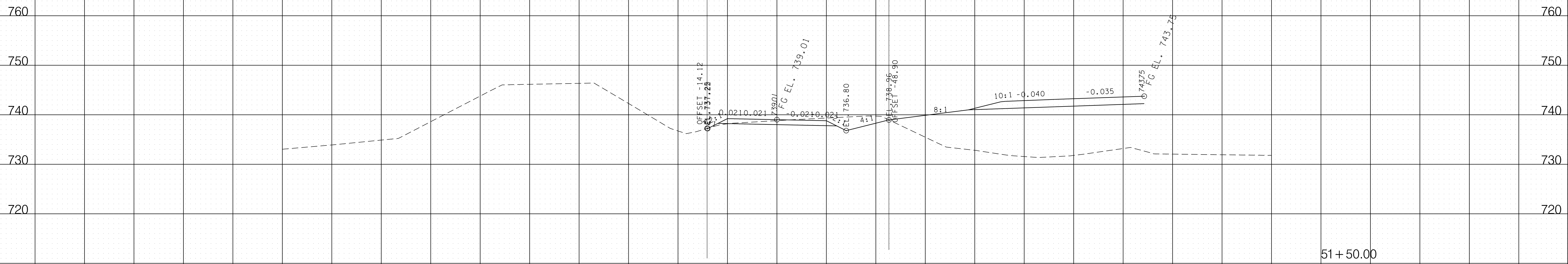
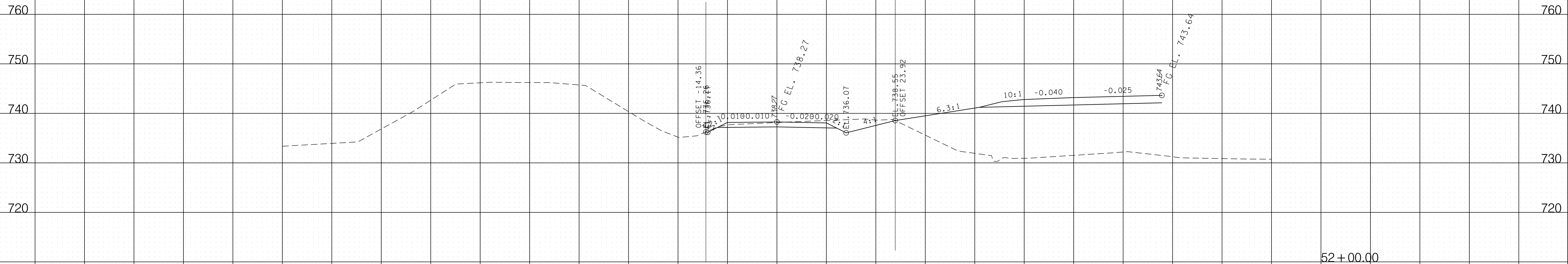
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	80



4/8/2019 3:34:13 PM
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MAINTENANCE ROAD
BEGIN STA. 50+50.00
END STA. 51+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	81



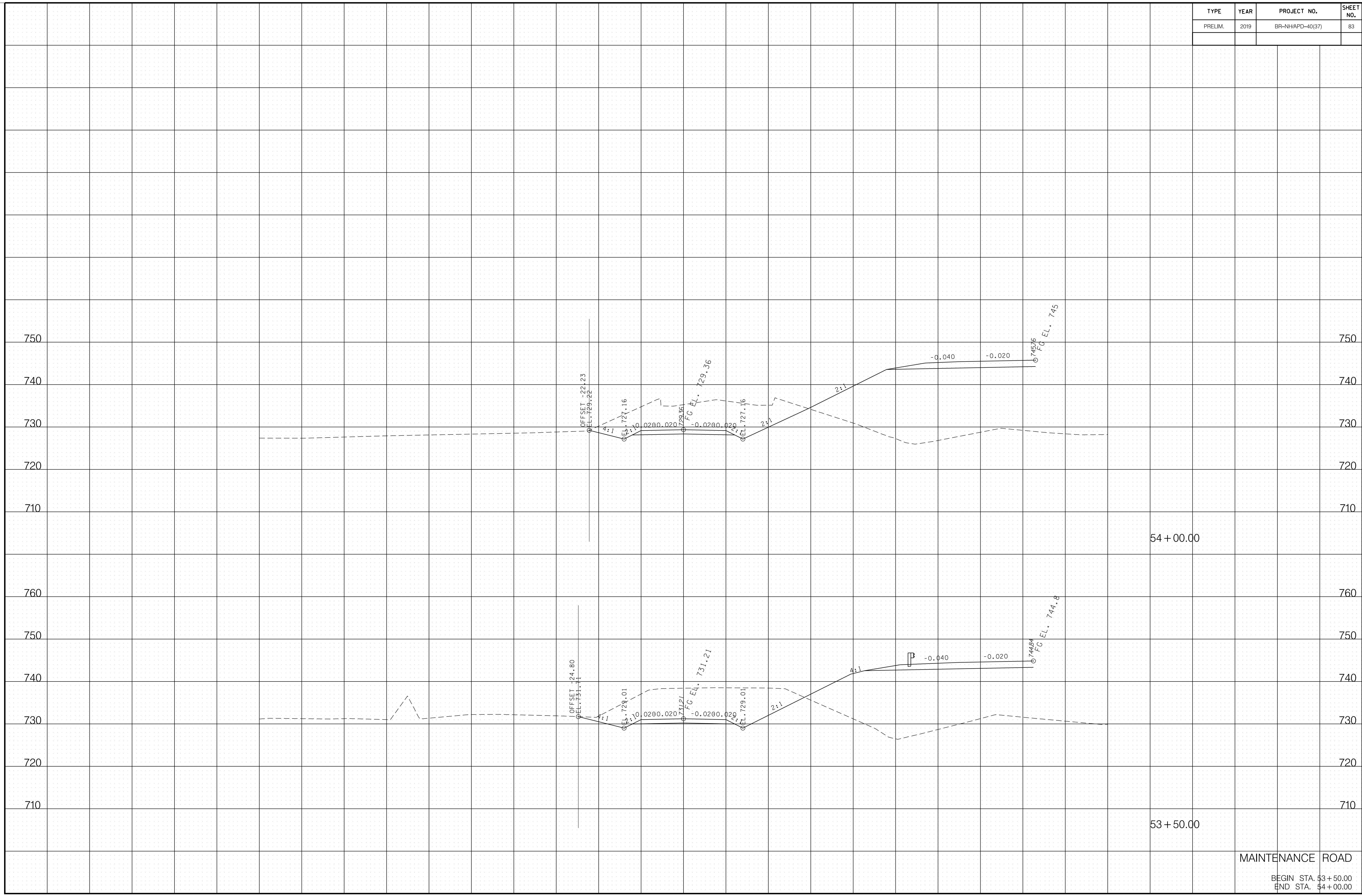
4/8/2019 3:34:44 PM K:\92582\1\Ocoee River SR 40 TDOT\CAD\079 -MaintenanceRdXS.SHT

MAINTENANCE ROAD

BEGIN STA. 51+50.00
END STA. 52+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	83

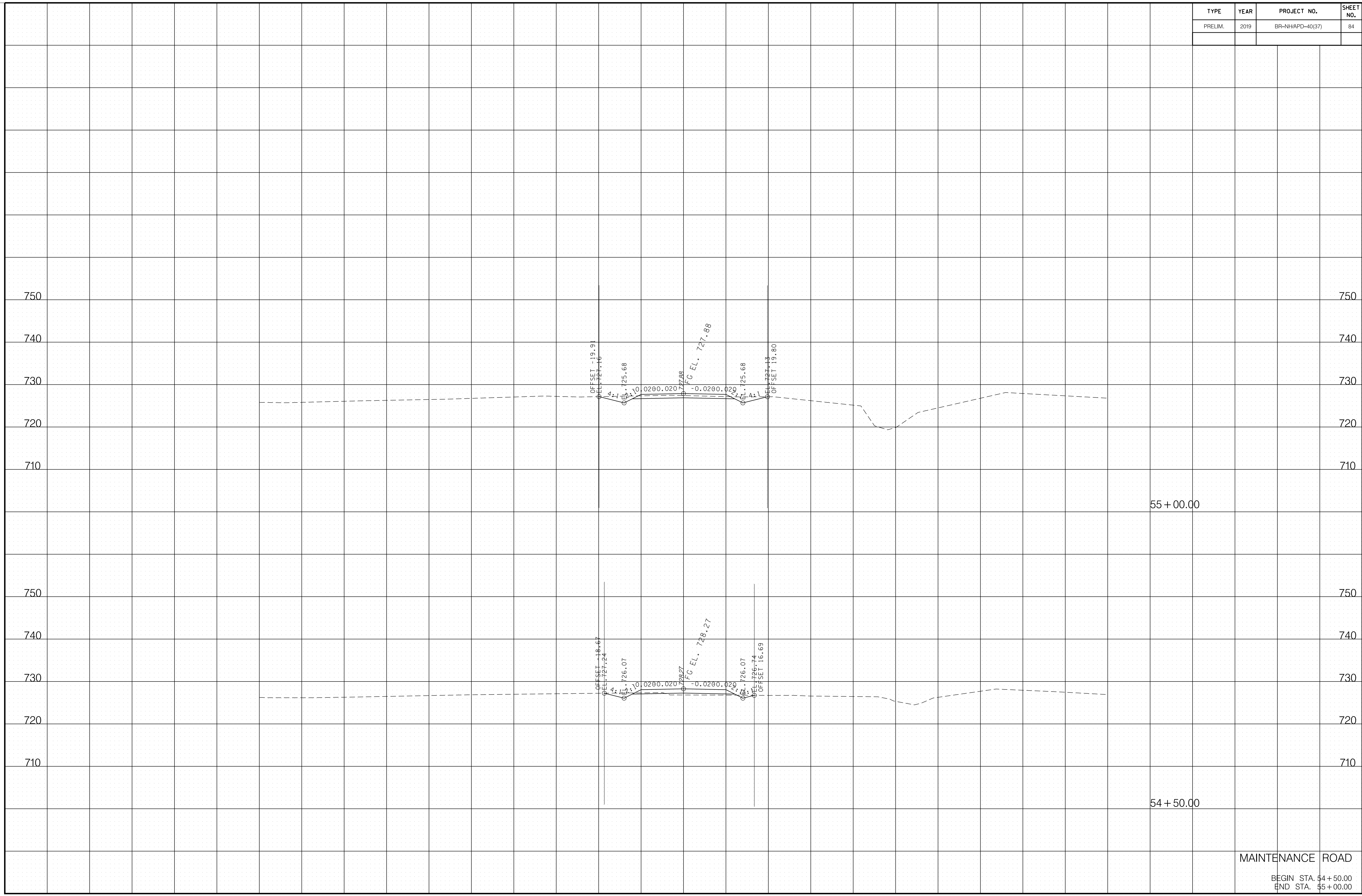
4/8/2019 3:34:15 PM
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MAINTENANCE ROAD
 BEGIN STA. 53+50.00
 END STA. 54+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	84

4/8/2019 3:34:16 PM
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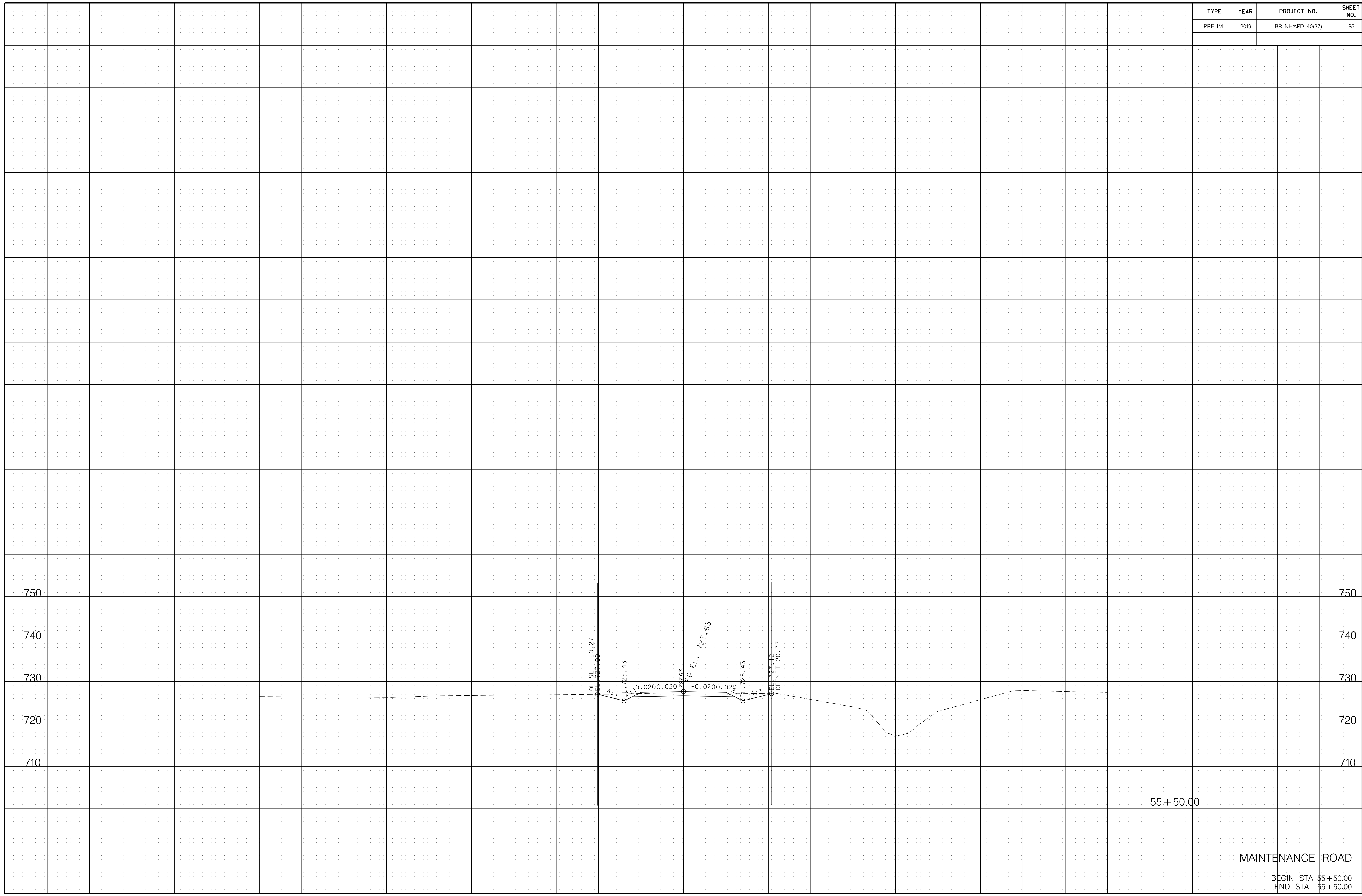


MAINTENANCE ROAD

BEGIN STA. 54+50.00
END STA. 55+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	85

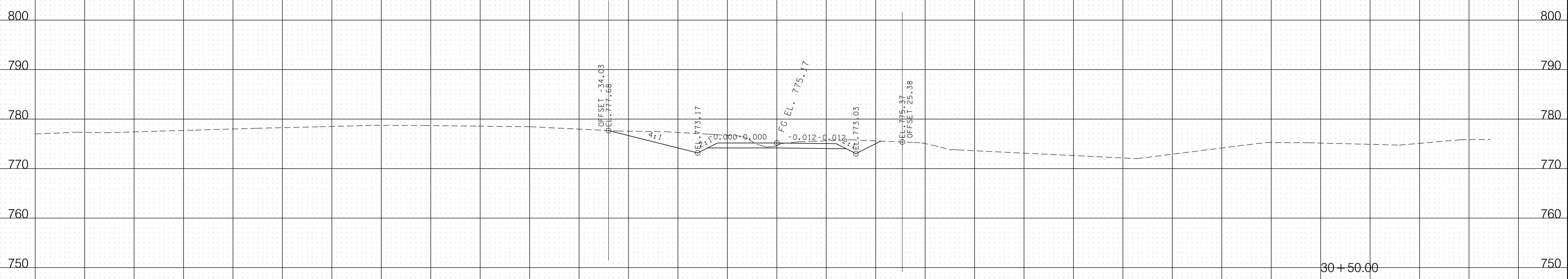
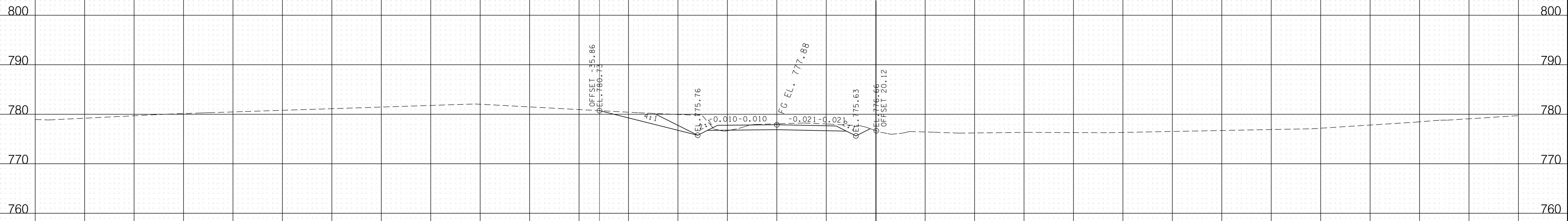
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MAINTENANCE ROAD

BEGIN STA. 55+50.00
END STA. 55+50.00

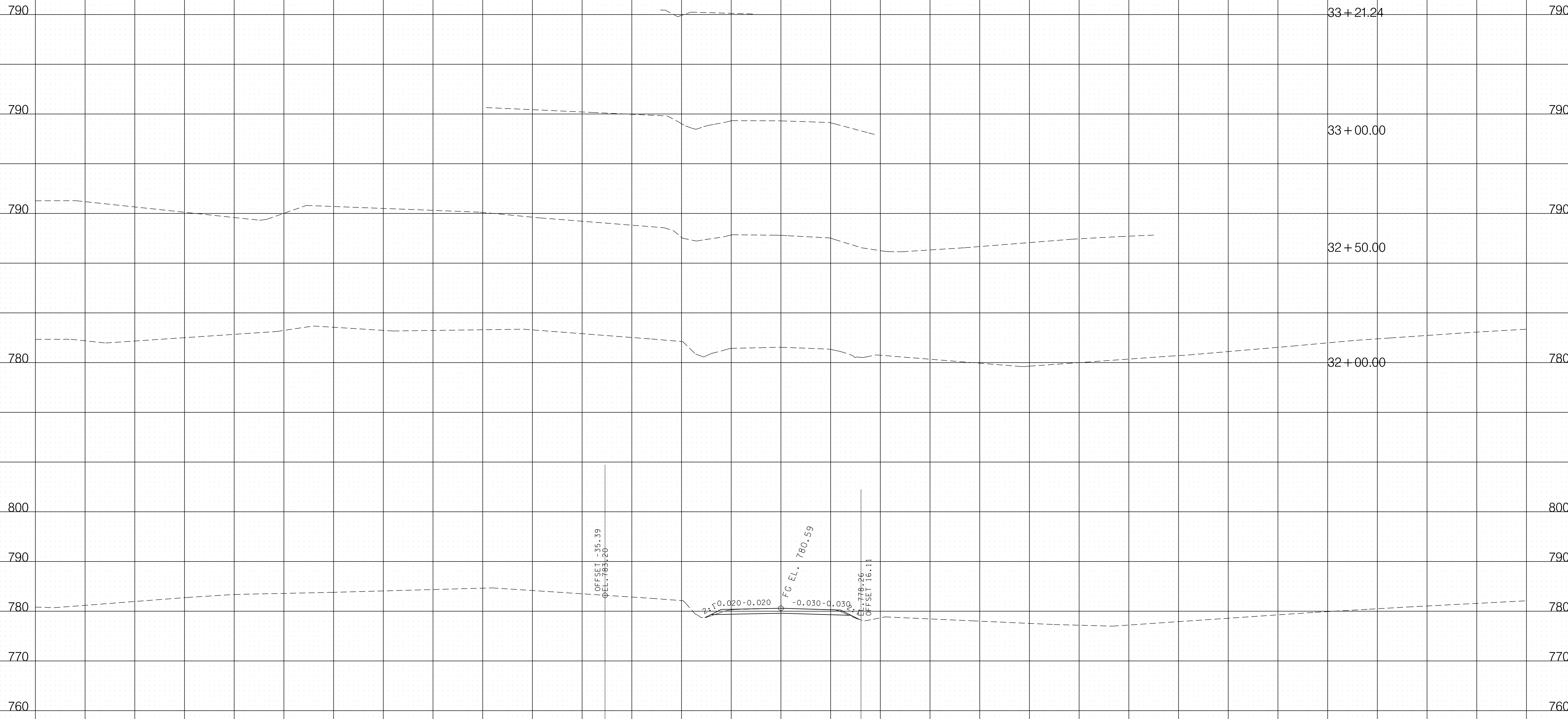
TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	86



WELCOME VALLEY
 BEGIN STA. 30+50.00
 END STA. 31+00.00

4/8/2019 3:34:48 PM
 K:\1925812\1\0c0ee River SR 40 TDOT\CAD\086 -WelcomeValleyXS.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM.	2019	BR-NHAPD-40(37)	87



4/8/2019 3:34:48 PM
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WELCOME VALLEY
 BEGIN STA. 31+50.00
 END STA. 33+21.24