PROJECT	DESIGNATION NO.
1802940	1802940
CONTRACT	
R-41989	

APPROVED BY: DATE: 17 JUL 23

GARY POOL P.E.- HANCOCK COUNTY ENGINEER & EMPLOYEE IN RESPONSIBLE CHARGE (ERC)

APPROVED BY
HANCOCK COUNTY BOARD OF COMMISSIONERS

BILL SPALDING, PRESIDENT

GARY MCDANIEL, VICE PRESIDENT

JOHN JESSUP, MEMBER

ATTEST DATE

DEBRA CARNES, COUNTY AUDITOR

RECOMMENDED FOR APPROVAL

DATE 17 JUL 23

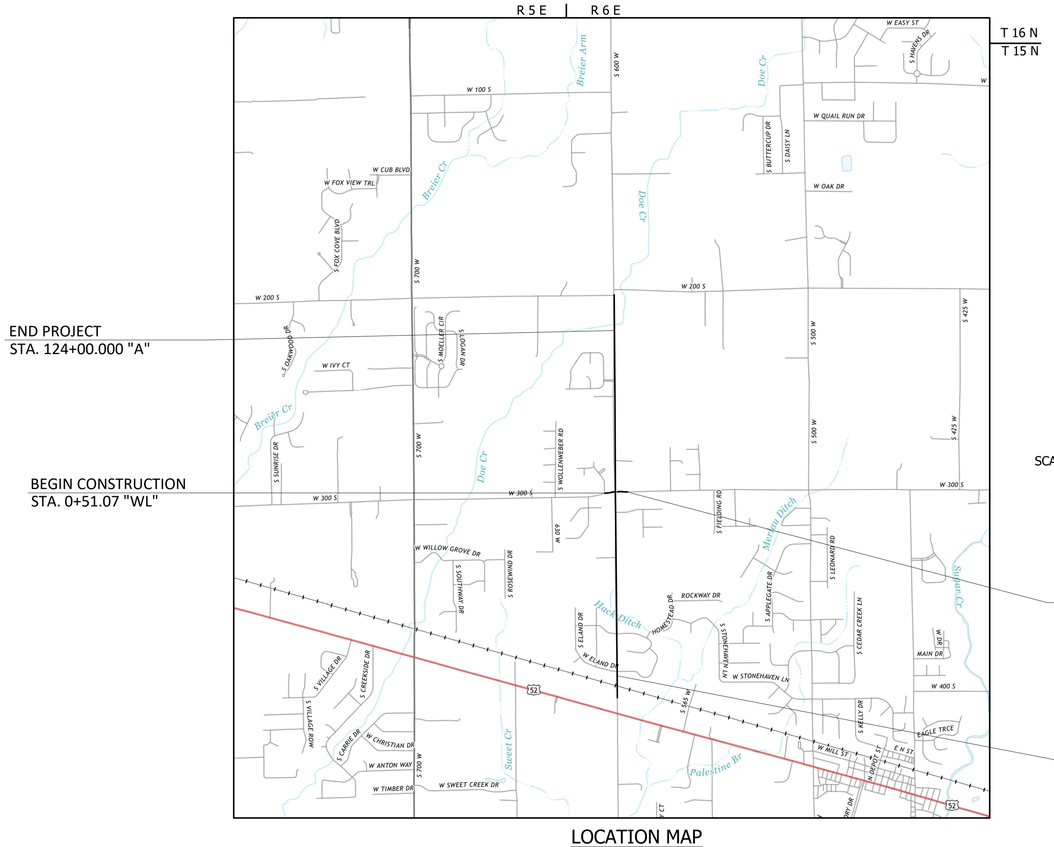
GARY POOL, P.E., COUNTY HIGHWAY ENGINEER

INDIANA
DEPARTMENT OF TRANSPORTATION

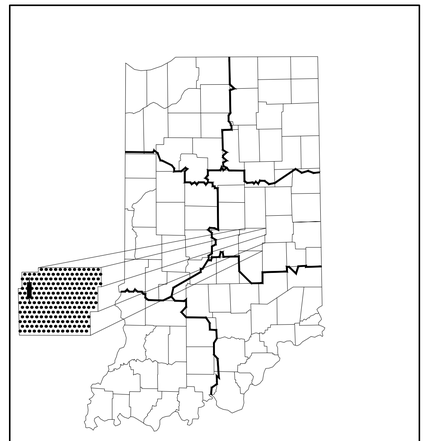
ROAD PLANS

PROJECT NO. 1802940 P.E.
1802940 R/W
1802940 CONST.

ROAD REHABILITATION PROJECT OF C.R. 600 W. FROM APPROXIMATELY 820 FEET SOUTH OF C.R. 200 S. TO JUST SOUTH OF W. COUNTRY WAY DRIVE LOCATED IN SECTIONS 12 & 13, T.15.N, R.5.E AND SECTIONS 7 & 18, T.15.N, R.6.E, SUGAR CREEK TOWNSHIP, HANCOCK COUNTY, INDIANA.



LOCATION MAP



PROJECT LOCATION SHOWN BY ▬

TRAFFIC DATA	CR 600 W
A.A.D.T. (2024)	5780 V.P.D.
A.A.D.T. (2044)	7060 V.P.D.
D.H.V. (2044)	700 V.P.H.
DIRECTIONAL DISTRIBUTION	50%
TRUCKS	10% D.H.V.
	10% A.A.D.T.

TRAFFIC DATA	CR 300 S
A.A.D.T. (2024)	2460 V.P.D.
A.A.D.T. (2044)	3000 V.P.D.
D.H.V. (2044)	300 V.P.H.
DIRECTIONAL DISTRIBUTION	50%
TRUCKS	10% D.H.V.
	10% A.A.D.T.

DESIGN DATA	CR 600 W
DESIGN SPEED	45 MPH
PROJECT DESIGN CRITERIA	3R (Non-Freeway)
FUNCTIONAL CLASSIFICATION	Minor Arterial
RURAL/URBAN	Rural
TERRAIN	Level
ACCESS CONTROL	None

DESIGN DATA	CR 300 S (West of CR 600 S)
DESIGN SPEED	45 MPH
PROJECT DESIGN CRITERIA	3R (Non-Freeway)
FUNCTIONAL CLASSIFICATION	Major Collector
RURAL/URBAN	Rural
TERRAIN	Level
ACCESS CONTROL	None

DESIGN DATA	CR 300 S (East of CR 600 S)
DESIGN SPEED	40 MPH
PROJECT DESIGN CRITERIA	3R (Non-Freeway)
FUNCTIONAL CLASSIFICATION	Major Collector
RURAL/URBAN	Rural
TERRAIN	Level
ACCESS CONTROL	None

LATITUDE 39° 45' 22.92" N LONGITUDE 85° 54' 50.87" W

GROSS LENGTH: 1.74 MILES
NET LENGTH: 1.74 MILES
MAX. GRADE: 2.80 %

CULVERT ASSETS	
DESIGNATION NO.	CULVERT ASSET I.D.
1802940	No Culverts Within Project

[INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2024 TO BE USED WITH THESE PLANS]

USI consultants
8415 East 56th Street
Indianapolis, Indiana 46216

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

PLANS PREPARED BY: USI Consultants, Inc. 317-544-4996 PHONE NUMBER

CERTIFIED BY: G R. Wendling 08/11/2023 DATE

APPROVED FOR LETTING: INDIANA DEPARTMENT OF TRANSPORTATION DATE

DESIGNATION NO.	
1802940	
SHEETS	
1 of 214	
CONTRACT	PROJECT NO.
R-41989	1802940

UTILITIES

DUKE ENERGY INC.
1000 E. Main Street
Plainfield, IN 46168
Contact: Don McDuffy
Phone: (317)776-5320
Email: dei-dline-coord@duke-energy.com

NINE STAR CONNECT
2243 E. Main Street
Greenfield, IN 46140
Contact: Jason Warrick
Phone: (317)-323-2081
Cell: (317)-694-9305
Email: jwarrick@ninestarconnect.com

AT&T
240 N. Meridian Street
Indianapolis, IN 46204
Contact: Brad Bailey
Phone: (317)-610-5422
Cell: (317)-459-4769
Email: bb3525@att.com

GEM UTILITIES
Town of Cumberland
Contact: Ben Lipps
Email: blipps@town-cumberland.com

COMCAST
5330 E 65th St
Indianapolis, IN 46220
Contact: William Morris
Phone: (317)-516-2237
Email: william_morris@cable.comcast.com

CITIZEN'S ENERGY GROUP-WATER
2150 Dr. Martin Luther King Jr. St.
Indianapolis, IN 46202
Contact: Scott Ritter
Phone: (317)-927-4434
Email: sritter@CitizensEnergyGroup.com

CENTERPOINT ENGERY
16000 Allisonville Road
Noblesville, IN 46060
Contact: Shawn Williams
Phone: (317)-776-5574
Cell: (317)-790-8475
Email: Shawn.williams@centerpointenergy.com

MCI
Contact: Efrain Rodriquez
Email: investigations@verizon.com

REVISIONS

SHEET NO.	DESCRIPTION

GENERAL NOTES

**	All earth shoulders, median areas, and cut and fill slopes shall be plain or mulched seeded except where sodding is specified.
	The final cross sections of the grading contract will be the original cross sections of the paving contract. However, partial or complete cross sections shall be taken if necessary to determine the actual excavation quantities.
	The paper relocation will be cross sectioned by the Engineer before construction.
	Existing asphalt pavement located outside the construction limits, between Sta. and Sta. , shall be removed as directed.
	The quantity of peat excavation shown on the plans has been estimated on the basis of theoretical cross sections by using treatment of existing fills, treatment by removal, or treatment by displacement, where each treatment applies.
	Contractor shall verify the existing flowline elevation to set the appropriate sump depth on structures designed with sump.

** REPRESENTS GENERAL NOTES REQUIRED



1-800-382-5544
CALL BEFORE YOU DIG

CAUTION !!

THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, and marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX AND GENERAL NOTES
3-6	TYPICAL CROSS SECTIONS
7-20	GEOMETRIC TIE-IN DETAILS / REFERENCES
21-43	TRAFFIC MAINTENANCE DETAILS
44-53	PLAN AND PROFILES
54-70	CONSTRUCTION DETAILS
71-75	CURB RAMP DETAILS
76-81	GRADING AND SPOT ELEVATION DETAILS
82-83	DETENTION DETAILS
84-88	EROSION CONTROL DETAILS
89	LIGHTING PLAN
90-96	PAVEMENT MARKINGS & SIGNING DETAILS
97-98	SIGN DETAILS
99-102	MISCELLANEOUS TABLES
103-104	APPROACH TABLE
105-106	STRUCTURE DATA TABLE
107-108	PIPE MATERIAL TABLE
109-214	CROSS SECTIONS

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

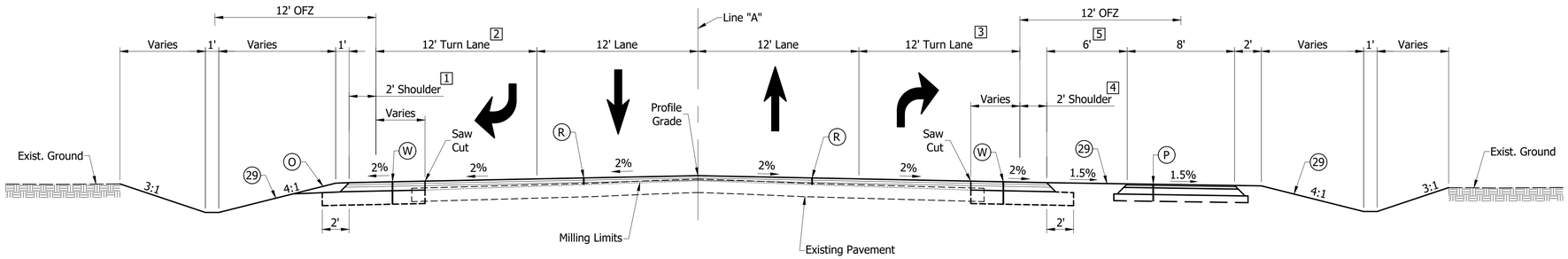
RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

INDEX SHEET

HORIZONTAL SCALE	BRIDGE FILE
NO SCALE	
VERTICAL SCALE	DESIGNATION
NO SCALE	1802940
SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
R-41989	1802940



1 2' at Sta. 36+47.07 to 8' at Sta. 36+95.31 Line "A"
8' from Sta. 41+39.48 to Sta. 42+58.35 Line "A"
8' at Sta. 42+58.35 to 2' at Sta. 43+18.25 Line "A"
2' at Sta. 46+59.62 to 8' at Sta. 47+09.52 Line "A"
8' from Sta. 108+13.82 to Sta. 108+97.70 Line "A"
8' at Sta. 108.97.70 to 2' at Sta. 109+57.60 Line "A"
2' at Sta. 113+24.99 to 8' at Sta. 113+74.80 Line "A"

2 0' at Sta. 32+85.49 to 12' at Sta. 33+66.38 Line "A"
12' at Sta. 35+95.31 to 0' at Sta. 36+95.31 Line "A"
0' at Sta. 42+58.35 to 12' at Sta. 43+78.35 Line "A"
12' at Sta. 46+09.48 to 0' at Sta. 47+09.52 Line "A"
0' from Sta. 108+13.82 to Sta 108+97.70 Line "A"
0' at Sta. 108+97.70 to 12' at Sta. 110+16.83 Line "A"
12' at Sta. 112+74.93 to 0' at Sta. 113+74.80 Line "A"

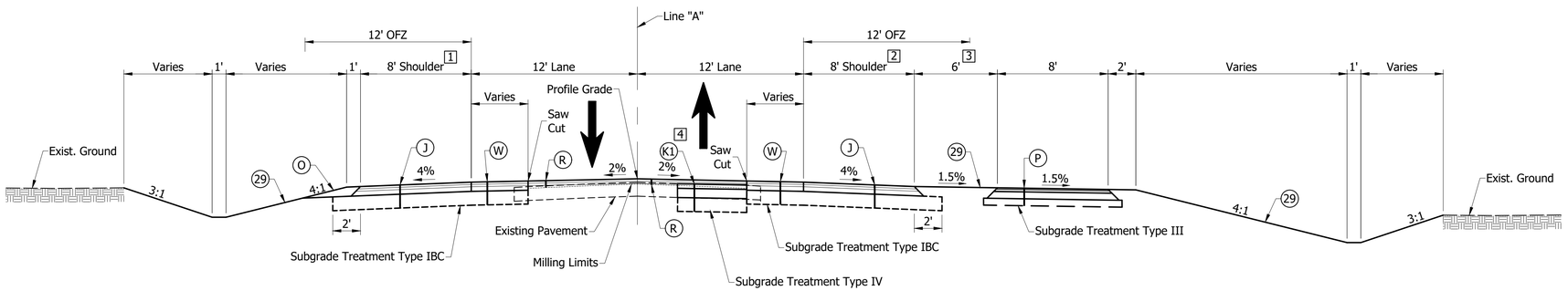
TYPICAL CROSS SECTION DUAL TURN LANES C.R. 600 W.

Sta. 32+85.49 to 36+95.31 "A"
Sta. 41+39.48 to 47+09.52 "A"
Sta. 108+13.82 to 113+74.80 "A"

3 9.89' at Sta. 32+85.49 to 12' at Sta. 33+50.00 Line "A"
12' at Sta. 35+75.76 to 0' at Sta. 35+95.67 Line "A"
0' from Sta. 35+95.67 to Sta. 36+95.31 Line "A"
0' at Sta. 41+39.48 to 12' at Sta. 42+39.52 Line "A"
12' at Sta. 44+82.87 to 0' at Sta 46+02.87 Line "A"
0' from Sta. 46+02.86 to Sta. 47+09.52 Line "A"
0' at Sta. 108+13.82 to 12' at Sta. 109+13.70 Line "A"

4 2' at Sta. 35+35.82 to 8' at Sta. 35+95.67 Line "A"
8' from Sta. 35+95.67 to Sta. 36+95.31 Line "A"
8' at Sta. 41+39.48 to 2' at Sta. 41+89.38 Line "A"
2' at Sta. 45+42.94 to 8' at Sta. 46+02.87 Line "A"
8' from Sta. 46+02.87 to Sta. 47+09.52 Line "A"
8' at Sta. 108_13.82 to 2' at Sta. 108+63.70 Line "A"

5 No path from Sta. 32+85.49 to Sta. 34+52.44 Line "A"
0' at Sta. 34+52.44 to 6' at Sta. 35+35.82 Line "A"
6' at Sta. 41+89.38 to 0' at Sta. 42+39.52 Line "A"
0' from Sta. 42+39.52 to Sta. 47+09.52 Line "A"



TYPICAL CROSS SECTION C.R. 600 W.

1 8' at Sta. 123+82.82 to 15.12' at Sta. 124+00.00 Line "A"

Sta. 36+95.31 to 41+39.48 "A"
Sta. 47+09.52 to 50+14.80 "A"
Sta. 55+74.69 to 73+52.14 "A"
Sta. 77+74.29 to 78+28.71 "A"
Sta. 84+79.50 to 108+13.82 "A"
Sta. 123+09.03 to 124+00.00 "A"

2 8' at Sta. 123+27.78 to 14.16' at Sta. 124+00.00 Line "A"

3 0' from 47+09.52 to Sta. 50+14.80 Line "A"
6' at Sta. 99+86.38 to 0' at Sta. 100+35.00 Line "A"
0' from Sta. 100+35.00 to Sta. 102+05.00 Line "A"
0' at Sta. 102+05.00 to 6' at Sta. 102+53.62 Line "A"
See Construction Details for Sta. 123+08.63 to Sta. 124+00.00 Line "A"

4 See Construction Details for Patching Limits

LEGEND

(J) HMA SHOULDERS
220#/Syd. QC/QA-HMA, 3, 76, Surface 9.5 mm - SMA on
220#/Syd. QC/QA-HMA, 2, 76, Intermediate 12.5 mm on
4" Compacted Aggregate Base, No. 53 on
Type IBC Subgrade Treatment

(K1) HMA FULL DEPTH PATCHING
440#/Syd. HMA Intermedieate, Type C on
Minimum 660#/Syd. HMA Base, Type C (or thickness to reach subgrade), on
Type IV Subgrade Treatment

(O) Compacted Aggregate Base, No. 53

(P) HMA FOR SIDEWALK - PATH
140#/Syd. HMA Surface, Type B on
220#/Syd. HMA Intermediate on 6"
Compacted Aggregate Base, No. 53 on
Type III Subgrade Treatment

(R) HMA OVERLAY / WEDGE & LEVEL
220#/Syd. QC/QA-HMA, 3, 76, Surface 9.5 mm - SMA on
220#/Syd. QC/QA-HMA, 2, 76, Intermediate 12.5 mm on
Var. Depth Wedge & Level on 1 1/2" Milling of Exsting Pavement

(W) HMA FULL DEPTH WIDENING
220#/Syd. QC/QA-HMA, 3, 76, Surface 9.5 mm - SMA on
220#/Syd. QC/QA-HMA, 2, 76, Intermediate 12.5 mm on
440#/Syd. QC/QA HMA, 2, 64, Base, 19.0 mm on
Type IBC Subgrade Treatment

(29) Seeding, R

OFZ = Obstruction Free Zone

Milling and resurfacing Areas
After milling the existing pavement surface, any cracks that remain visible with 0.25 inch width or greater shall be sealed before applying tack coat to the milled surface. The materials used to fill the cracks shall be PG 64-22 only; no emulsion should be used. The sealed cracks should not be overbanded.

HMA pavements shall have joint adhesive installed at all longitudinal joints in the surface layer as per Standard Specification 401.15. A 24-inch wide liquid asphalt sealant shall be placed centered on longitudinal joints that have joint adhesive installed, as per Standard Specification 401.15.

Embankment Fill Placement and Compaction
Borings were not completed in the planned detention areas, and if the borrow from the detention areas will be used for embankment widening, the use of the on-site borrow will require the inspection team and contractor to evaluate the soil to verify its condition relative to the requirements of the ISS.

The natural moisture content of the soils from the planned detention areas will likely exceed the optimum. Therefore, drying (by aeration) of the fill will be required before compaction to satisfy the ISS. Under some climatic conditions, such as cold or rainy weather, or in confined areas, adequate moisture conditioning may be difficult to achieve, and in this case, granular fill or the use of ISS 217, soil drying with chemical modifiers, has been included in the contract to expedite construction activities.

Site Preparation and Foundation Soil Improvements
Subgrade Treatment IBC the cement shall be in slurry form.

Subgrade areas where organic content is too high the subgrade shall be removed and replaced with borrow with less than 3 percent organic content and then the Subgrade Treatment Type IBC applied to it. Additional quantities of excavation to a depth of 12 in. and Borrow have been included in the contract.

Notes:
1. Quantities of Common Excavation and Borrow to remove and replace subgrade with organic content too high prior to Subgrade Treatment, Type IBC being applied have been provided as shown below.
2. Quantity of Drying Soils for Embankment have been provided based on drying needed for 20 percent of the embankment area.
3. Borrow and Drying Soils for Embankment quantities shall be at the discretion of the Engineer.

Estimated Quantities:

1.	Common Excavation	1,200.0 CYS
2.	Borrow	1,200.0 CYS
3.	Drying Soils for Embankment	340.0 TON

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

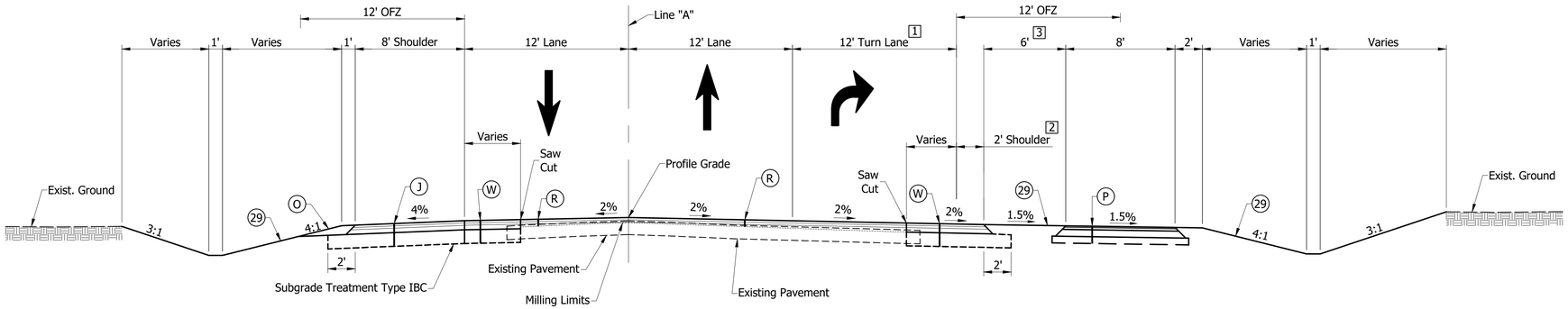
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INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
CR 600 W

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940

SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
R-41989	1802940



TYPICAL CROSS SECTION ONE TURN LANE C.R. 600 W.

Sta. 36+95.31 to 41+39.48 "A"
Sta. 47+09.52 to 50+14.80 "A"
Sta. 55+74.69 to 73+52.14 "A"
Sta. 77+74.29 to 78+28.71 "A"
Sta. 84+79.50 to 108+13.82 "A"

1 0' at Sta. 50+14.80 to 12' at Sta. 51+14.80 Line "A"
12' at Sta. 54+54.69 to 0' at Sta. 55+74.69 Line "A"
0' at Sta. 73+52.14 to 12' at Sta. 74+52.14 Line "A"
12' at Sta. 76+54.39 to 0' at Sta. 77+74.29 Line "A"
12' at Sta. 121+88.63 to 0' at Sta. 123+09.03 Line "A"

2 8' at Sta. 50+14.80 to 2' at Sta. 50+64.68 Line "A"
2' at Sta. 55+14.79 to 8' at Sta. 55+74.49 Line "A"
8' at Sta. 73+52.14 to 2' at Sta. 74+02.02 Line "A"
2' at Sta. 77+14.39 to 8' at Sta. 77+74.29 Line "A"
2' at Sta. 122+48.73 to 8' at Sta. 123+08.63 Line "A"

3 6' at Sta. 74+02.02 to 0' at Sta. 74+52.14 Line "A"
0' from Sta. 74+52.14 to Sta. 76+54.29 Line "A"
0' at Sta. 76+54.29 to 6' at Sta. 77+14.39 Line "A"

LEGEND

(J) HMA SHOULDERS
220#/Syd. QC/QA-HMA, 3, 76, Surface 9.5 mm - SMA on
220#/Syd. QC/QA-HMA, 2, 76, Intermediate 12.5 mm on
4" Compacted Aggregate Base, No. 53 on
Type IBC Subgrade Treatment

(K) HMA FULL DEPTH
220#/Syd. QC/QA-HMA, 3, 76, Surface 9.5 mm - SMA on
220#/Syd. QC/QA-HMA, 2, 76, Intermediate 12.5 mm on
440#/Syd. QC/QA HMA, 2, 64, Base, 19.0 mm on
Type IBC Subgrade Treatment

(O) Compacted Aggregate Base, No. 53

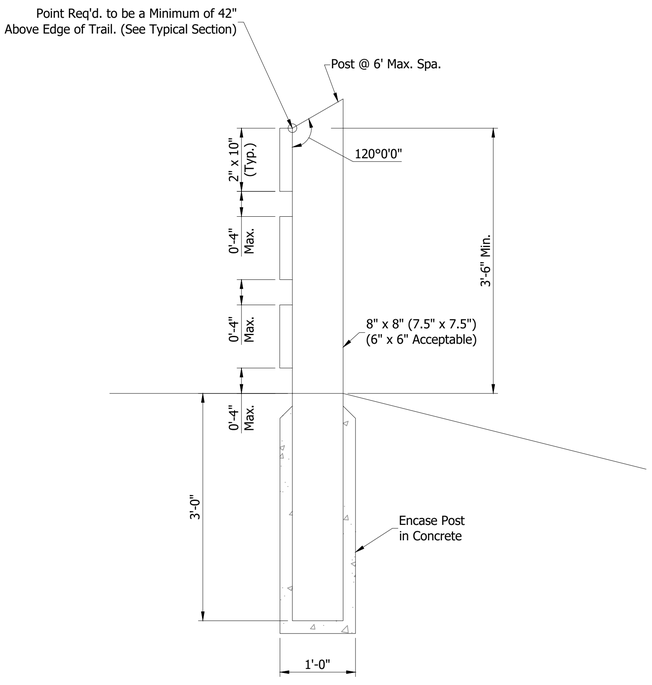
(P) HMA FOR SIDEWALK - PATH
140#/Syd. HMA Surface, Type B on
220#/Syd. HMA Intermediate on 6"
Compacted Aggregate Base, No. 53 on
Type III Subgrade Treatment

(R) HMA OVERLAY / WEDGE & LEVEL
220#/Syd. QC/QA-HMA, 3, 76, Surface 9.5 mm - SMA on
220#/Syd. QC/QA-HMA, 2, 76, Intermediate 12.5 mm on
Var. Depth Wedge & Level on 1 1/2" Milling of Exsting Pavement

(W) HMA FULL DEPTH WIDENING
220#/Syd. QC/QA-HMA, 3, 76, Surface 9.5 mm - SMA on
220#/Syd. QC/QA-HMA, 2, 76, Intermediate 12.5 mm on
440#/Syd. QC/QA HMA, 2, 64, Base, 19.0 mm on
Type IBC Subgrade Treatment

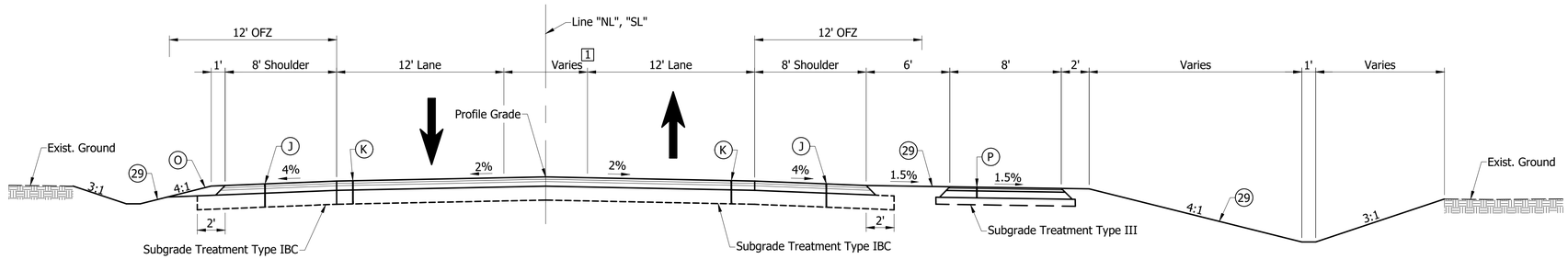
(29) Seeding, R

OFZ = Obstruction Free Zone



FENCE WOOD RAIL 42 IN. DETAIL

Scale: No Scale



TYPICAL CROSS SECTION RAB APPROACH C.R. 600 W.

Sta. 0+28.72 to 1+63.69 "SL"
Sta. 1+54.72 to 2+84.25 "NL"

1 Varies 0' at Sta. 0+28.72 to 6' at Sta. 1+63.69 Line "SL"
6' at Sta. 1+54.72 to 0' at Sta. 2+84.25 Line "NL"

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

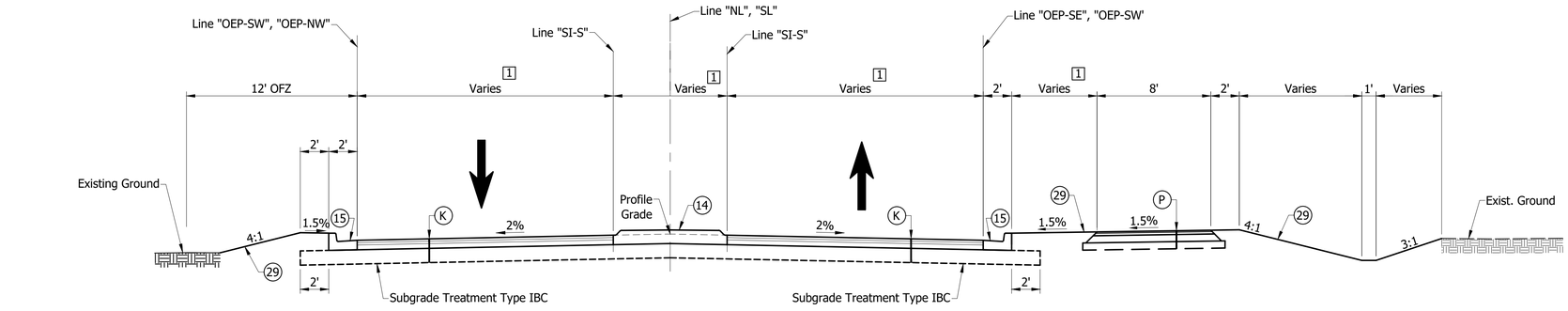
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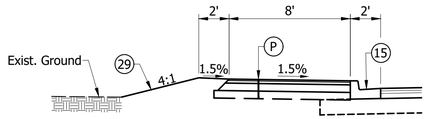
DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
CR 600 W

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
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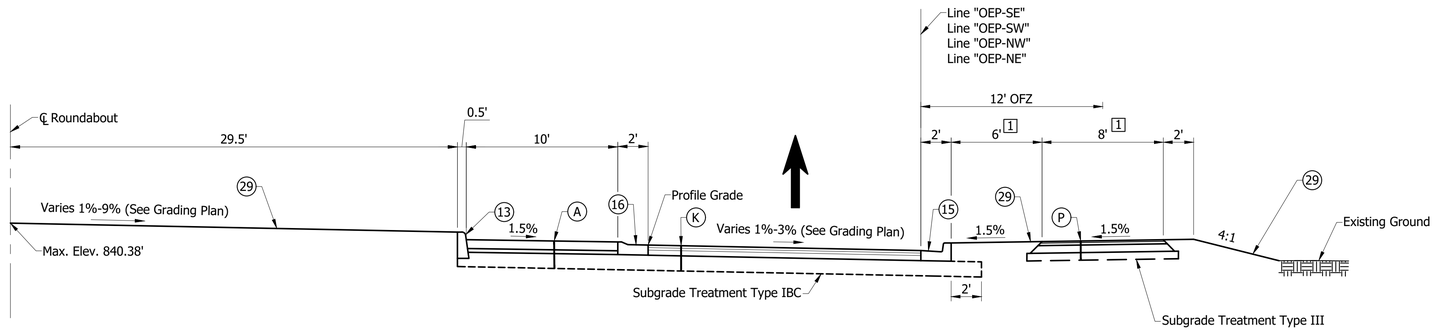


Sta. 2+54.49 Sta. 2+85.23 "SL"
Sta. 0+11.17 to Sta. 0+44.63 "NL"

SPLITTER ISLAND SECTION

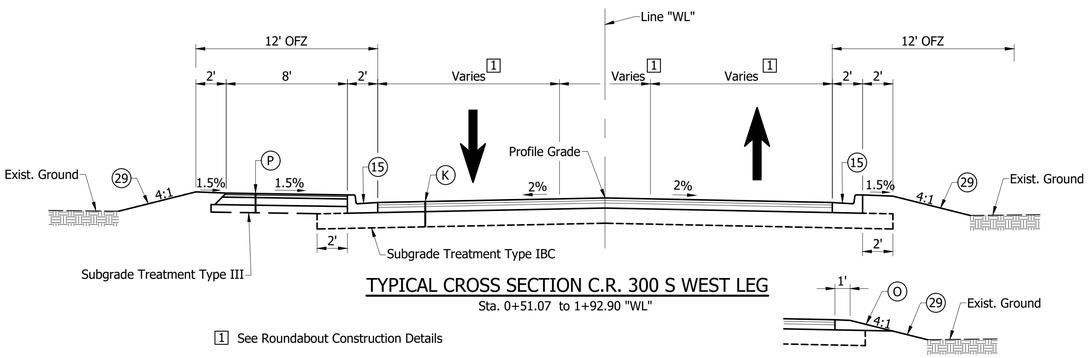
Sta. 1+63.69 to Sta. 2+85.23 "SL"
Sta. 0+11.17 to Sta. 1+54.72 "NL"

1 See Roundabout Construction Details



ROUNDABOUT SECTION

1 See Roundabout Construction Details

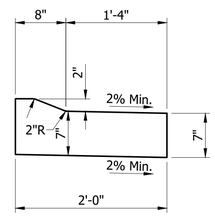


TYPICAL CROSS SECTION C.R. 300 S WEST LEG

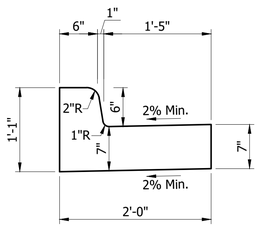
Sta. 0+51.07 to 1+92.90 "WL"

1 See Roundabout Construction Details

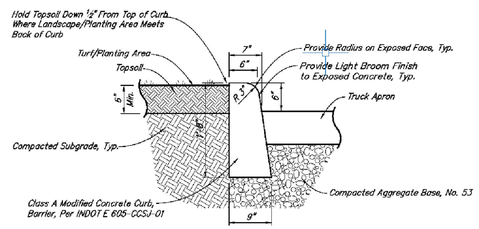
Sta. 0+51.07 to Sta. 0+66.88 Line "WL"



16 Curb and Gutter Type B, Modified
(Sloping)
Not to scale



15 Curb and Gutter Modified
(Vertical)
Not to scale



13 CONCRETE CURB, MODIFIED
Scale: 1"=1'-0

Note:
Provide Tooled Control Joint for Every 6' - Align Control Joints With Every Third (3rd) Joint on Truck Apron

LEGEND

(A) CONCRETE PAVEMENT
(Truck Aprons)
7" PCCP w/14' D-1 Joint Spacing on
5" Compacted Aggregate Base #53 on
Type IBC Subgrade Treatment

(K) HMA FULL DEPTH
220#/Syd. QC/QA-HMA, 3, 76, Surface 9.5 mm - SMA on
220#/Syd. QC/QA-HMA, 2, 76, Intermediate 12.5 mm on
440#/Syd. QC/QA HMA, 2, 64, Base, 19.0 mm on
Type IBC Subgrade Treatment

(K1) HMA FULL DEPTH PATCHING
440#/Syd. HMA Intermedieate, Type C on
Minimum 660#/Syd. HMA Base, Type C (or thickness to reach subgrade), on
Type IV Subgrade Treatment

(O) Compacted Aggregate Base, No. 53

(P) HMA FOR SIDEWALK - PATH
140#/Syd. HMA Surface, Type B on
220#/Syd. HMA Intermediate on 6"
Compacted Aggregate Base, No. 53 on
Type III Subgrade Treatment

(13) Concrete Curb, Modified, See Detail

(14) Center Curb, Type B

(15) Curb & Gutter, Modified, See Detail

(16) Curb & Gutter, Type B, Modified, See Detail

(29) Seeding, R

OFZ = Obstruction Free Zone

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

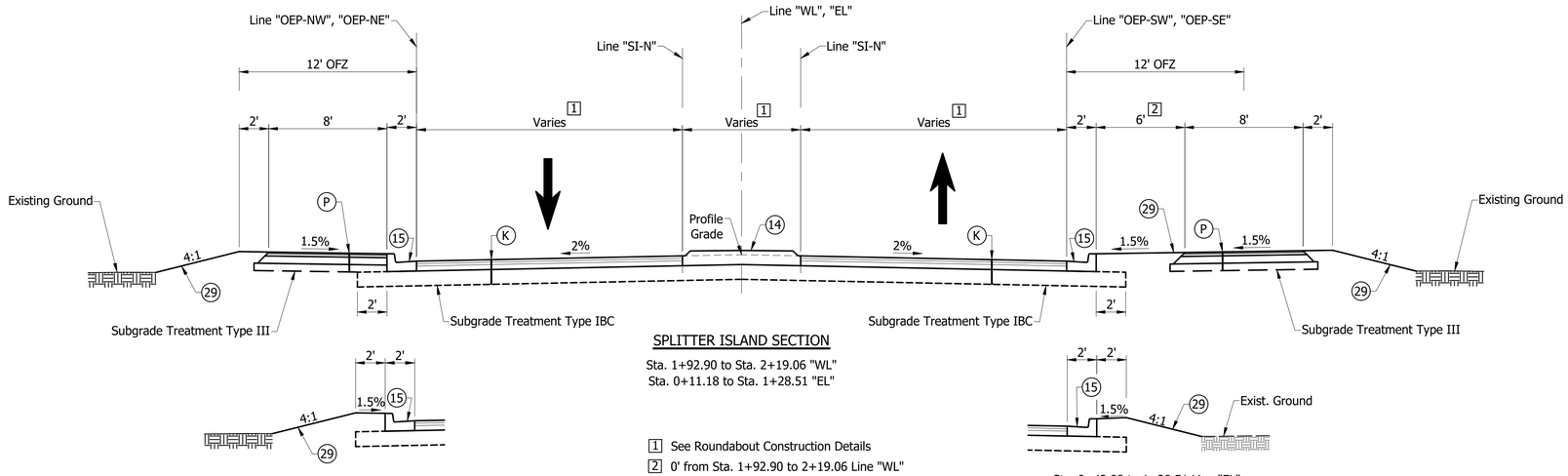
RECOMMENDED FOR APPROVAL G. R. Wendling 08/11/2023
DESIGN ENGINEER

DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
CR 600 W / CR 300 S

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	5 of 214
CONTRACT	PROJECT
R-41989	1802940

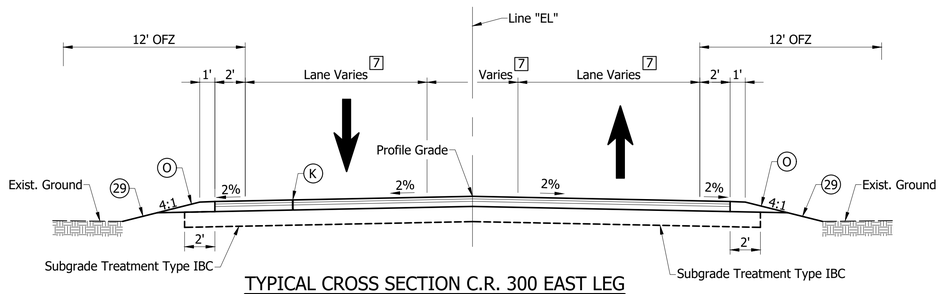


SPLITTER ISLAND SECTION

Sta. 1+92.90 to Sta. 2+19.06 "WL"
Sta. 0+11.18 to Sta. 1+28.51 "EL"

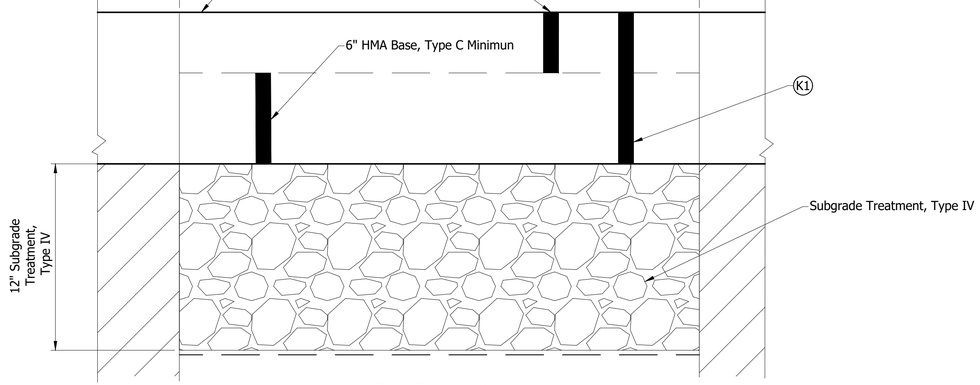
Sta. 0+42.98 to 1+28.51 Line "EL"

1 See Roundabout Construction Details
2 0' from Sta. 1+92.90 to 2+19.06 Line "WL"



TYPICAL CROSS SECTION C.R. 300 EAST LEG

Sta. 1+28.51 to 2+18.91 "EL"



Full Depth Patching Detail

No Scale

LEGEND

K HMA FULL DEPTH
220#/Syd. QC/QA-HMA, 3, 76, Surface 9.5 mm - SMA on
220#/Syd. QC/QA-HMA, 2, 76, Intermediate 12.5 mm on
440#/Syd. QC/QA HMA, 2, 64, Base, 19.0 mm on
Type IBC Subgrade Treatment

O Compacted Aggregate Base, No. 53

P HMA FOR SDIEWALK - PATH
140#/Syd. HMA Surface, Type B on
220#/Syd. HMA Intermediate on 6"
Compacted Aggregate Base, No. 53 on
Type III Subgrade Treatment

13 Concrete Curb, Modified, See Detail

14 Center Curb, Type B

15 Curb & Gutter, Modified, See Detail

16 Curb & Gutter, Type B, Modified, See Detail

29 Seeding, R

OFZ = Obstruction Free Zone

K1 HMA PATCHING, FULL DEPTH, TYPE C
440#/Syd. HMA Intermediate, Type C on
660#/Syd. HMA Base, Type C minimum (or
thickness necessary to reach subgrade), on
Subgrade Treatment, Type IV

Notes:
1. Place Full Depth Patching prior to Milling Mainline.
2. Pavement Patching locations will be determined by the Engineer.
3. Based on prior work on the corridor, pavement patching estimated at 3% of the existing pavement area.

Quantities:

1.	Estimated Patching Area (3%)	556.0 SYS
2.	Subgrade Treatement, Type IV	556.0 SYS
3.	HMA Base, Type C	183.0 TON
4.	HMA Intermediate, Type C	122.0 TON
5.	HMA Patching Full Depth, Type C	306.0 TON

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL G R. Wendling 08/11/2023 DESIGN ENGINEER

DESIGNED: PEC DRAWN: PEC
CHECKED: GRW CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
CR 300 S

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	6 of 214
CONTRACT	PROJECT
R-41989	1802940

USI Control Report

Project:	2019-0026
Des. #	1802940
Description:	Hancock County Road 600W Phase 4
County:	Hancock
Client:	Hancock Co. Board of Commissioners

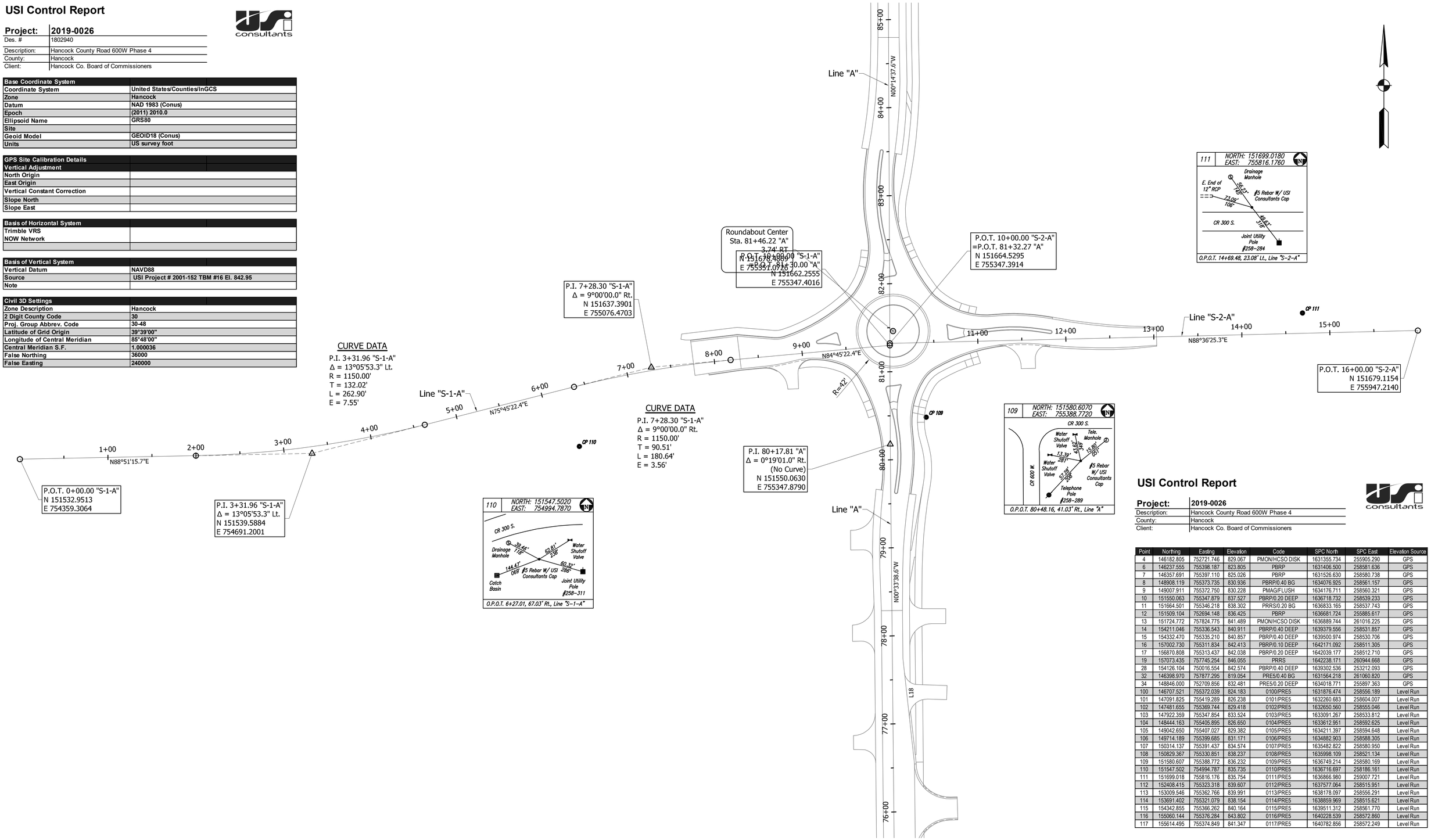
Base Coordinate System	
Coordinate System	United States/Counties/inGCS
Zone	Hancock
Datum	NAD 1983 (Conus)
Epoch	(2011) 2010.0
Ellipsoid Name	GRS80
Site	
Geoid Model	GEOID18 (Conus)
Units	US survey foot

GPS Site Calibration Details		
Vertical Adjustment		
North Origin		
East Origin		
Vertical Constant Correction		
Slope North		
Slope East		

Basis of Horizontal System	
Trimble VRS	
NOW Network	

Basis of Vertical System	
Vertical Datum	NAVD88
Source	USI Project # 2001-152 TBM #16 El. 842.95
Note	

Civil 3D Settings	
Zone Description	Hancock
2 Digit County Code	30
Proj. Group Abbrev. Code	30-48
Latitude of Grid Origin	39°39'00"
Longitude of Central Meridian	85°48'00"
Central Meridian S.F.	1.000036
False Northing	36000
False Easting	240000



USI Control Report

Project:	2019-0026
Description:	Hancock County Road 600W Phase 4
County:	Hancock
Client:	Hancock Co. Board of Commissioners

Point	Northing	Easting	Elevation	Code	SPC North	SPC East	Elevation Source
4	146182.805	752721.746	829.067	PMON/HCSO DISK	1631355.734	255905.290	GPS
6	146237.555	755398.187	823.805	PBRP	1631406.500	258581.636	GPS
7	146357.691	755397.110	825.026	PBRP	1631526.630	258580.738	GPS
8	148908.119	755373.735	830.936	PBRP/0.40 BG	1634076.925	258561.157	GPS
9	149007.911	755372.750	830.228	PMAG/FLUSH	1634176.711	258560.321	GPS
10	151550.063	755347.879	837.527	PBRP/0.20 DEEP	1636718.732	258539.233	GPS
11	151664.501	755346.218	838.302	PRRS/0.20 BG	1636833.165	258537.743	GPS
12	151509.104	752694.148	836.425	PBRP	1636681.724	255885.617	GPS
13	151724.772	757824.775	841.489	PMON/HCSO DISK	1636889.744	261016.225	GPS
14	154211.046	755336.543	840.911	PBRP/0.40 DEEP	1639379.556	258531.857	GPS
15	154332.470	755335.210	840.857	PBRP/0.40 DEEP	1639500.974	258530.706	GPS
16	157002.730	755311.834	842.413	PBRP/0.10 DEEP	1642171.092	258511.305	GPS
17	156870.808	755313.437	842.038	PBRP/0.20 DEEP	1642039.177	258512.710	GPS
19	157073.435	757745.254	846.055	PRRS	1642238.171	260944.668	GPS
28	154126.104	750016.554	842.574	PBRP/0.40 DEEP	1639302.536	253212.093	GPS
32	146398.970	757877.295	819.054	PRE5/0.40 BG	1631564.218	261060.820	GPS
34	148846.000	752709.856	832.481	PRE5/0.20 DEEP	1634018.771	255897.363	GPS
100	146707.521	755372.039	824.183	0100/PRE5	1631876.474	258556.189	Level Run
101	147091.825	755419.289	826.238	0101/PRE5	1632260.683	258604.007	Level Run
102	147481.655	755369.744	829.418	0102/PRE5	1632650.560	258555.046	Level Run
103	147922.359	755347.854	833.524	0103/PRE5	1633091.267	258533.812	Level Run
104	148444.163	755405.895	826.650	0104/PRE5	1633612.951	258592.625	Level Run
105	149042.650	755407.027	829.382	0105/PRE5	1634211.397	258594.648	Level Run
106	149714.189	755399.685	831.171	0106/PRE5	1634882.903	258588.305	Level Run
107	150314.137	755391.437	834.574	0107/PRE5	1635482.822	258580.950	Level Run
108	150829.367	755330.851	838.237	0108/PRE5	1635998.109	258521.134	Level Run
109	151580.607	755388.772	836.232	0109/PRE5	1636749.214	258580.169	Level Run
110	151547.502	754994.787	835.735	0110/PRE5	1636716.697	258186.161	Level Run
111	151699.018	755816.176	835.754	0111/PRE5	1636866.980	259007.721	Level Run
112	152408.415	755323.318	839.607	0112/PRE5	1637577.064	258515.951	Level Run
113	153009.546	755362.766	839.991	0113/PRE5	1638178.097	258556.291	Level Run
114	153691.402	755321.079	838.154	0114/PRE5	1638859.969	258515.621	Level Run
115	154342.855	755366.262	840.164	0115/PRE5	1639511.312	258561.770	Level Run
116	155060.144	755376.284	843.802	0116/PRE5	1640228.539	258572.860	Level Run
117	155614.495	755374.849	841.347	0117/PRE5	1640782.856	258572.249	Level Run

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

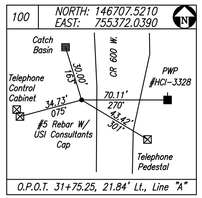
RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

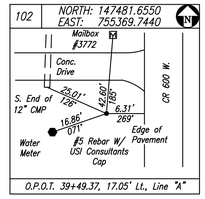
DESIGNED: CNC | DRAWN: CNC | CHECKED: GRW | CHECKED: GRW

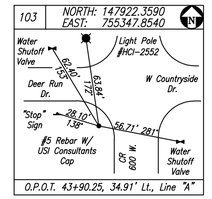
INDIANA DEPARTMENT OF TRANSPORTATION

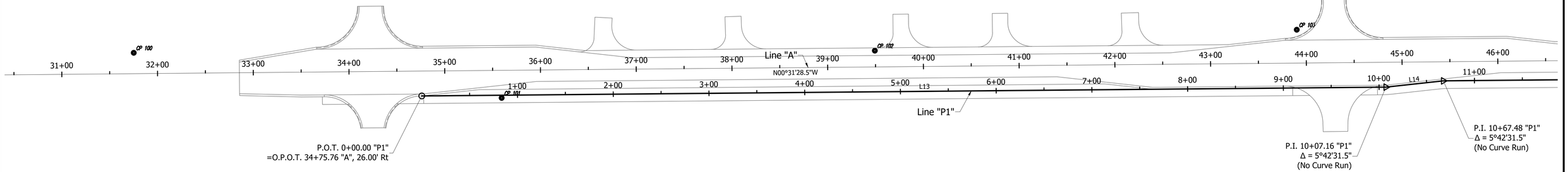
GEOMETRIC TIE-IN
CR 600 W

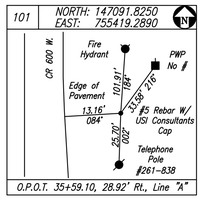
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
N/A	1802940
SURVEY BOOK	SHEETS
	7 of 214
CONTRACT	PROJECT
R-41989	1802940



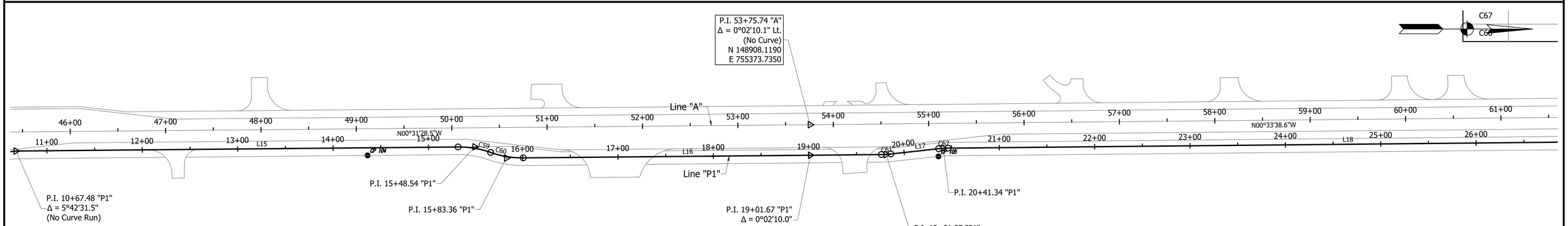


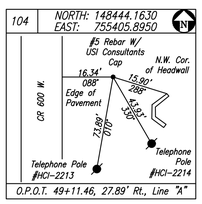


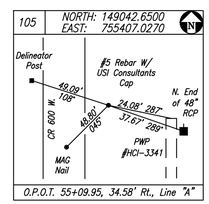




LINE "P1"																
SEGMENT	BEARING	LINE START STATION	LINE START NORTHING	LINE START EASTING	LINE END STATION	LINE END NORTHING	LINE END EASTING	P.I. STATION	P.I. NORTHING	P.I. EASTING	Δ DELTA	TANGENT	RADIUS	LENGTH	CURVE BEGIN STATION	CURVE END STATION
L13	N0°31'29"W	0+00.00	147008.4647	755407.9083	10+07.16	755417.1295	755407.9083							1007.16		
L14	N6°14'00"W	10+07.16	148015.5811	755401.3590	10+67.48	755407.9083	755401.3590							60.32		
L15	N0°31'29"W	10+67.48	148075.5431	755397.1155	15+30.96	755401.3590	755397.1155							463.48		
C59								15+48.54	148556.5888	755396.9545	19°56'54"	17.59	100.00	34.82	P.C. 15+30.96	P.T. 15+65.77
C60								15+83.36	148589.7595	755408.6513	19°56'54"	17.59	100.00	34.81	P.C. 15+65.77	P.T. 16+00.59
L16	N0°31'29"W	16+00.59	148607.3442	755405.7337	19+01.67	755408.4903	755405.7337							301.08		
C61								19+81.05	148987.7861	755404.9568	5°42'38"	4.99	100.00	9.97	P.C. 19+76.06	P.T. 19+86.03
L17	N6°16'17"W	19+86.03	148992.7438	755398.9148	20+36.35	755404.4120	755398.9148							50.32		
C62								20+41.34	149047.7246	755398.3700	5°42'38"	4.99	100.00	9.97	P.C. 20+36.35	P.T. 20+46.32
L18	N0°33'39"W	20+46.32	149052.7119	755375.7293	43+54.85	755398.3211	755375.7293							2308.53		







S:\2019\Proj\2019-0026 Hancock CR 600 West Phase 4\D\Drawing\Road\05-Geometric Tie-Up Sheet\2019-0026 Geo Tie-In.dwg, Sheet 2, 7/13/2023 3:19:15 PM

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: CNC | DRAWN: CNC

CHECKED: GRW | CHECKED: GRW

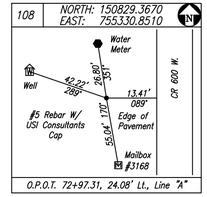
INDIANA DEPARTMENT OF TRANSPORTATION

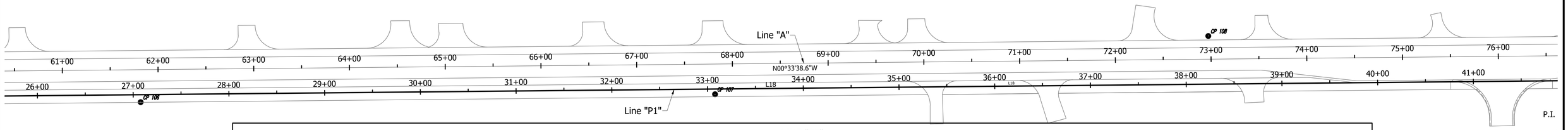
GEOMETRIC TIE-IN
CR 600 W

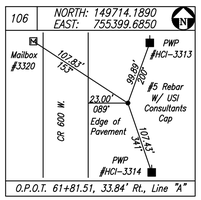
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
N/A	1802940
SURVEY BOOK	SHEETS
	8 of 214
CONTRACT	PROJECT
R-41989	1802940

LINE "P1"

SEGMENT	BEARING	LINE START STATION	LINE START NORTHING	LINE START EASTING	LINE END STATION	LINE END NORTHING	LINE END EASTING	P.I. STATION	P.I. NORTHING	P.I. EASTING	Δ DELTA	TANGENT	RADIUS	LENGTH	CURVE BEGIN STATION	CURVE END STATION
L19	N0°32'33"E	43+54.85	151361.1313	755376.1809	44+02.55	755375.7293	755376.1809							47.70		
C64								44+50.53	151456.8094	755376.7830	9°35'06"	47.94	571.82	95.66	P.C. 44+02.59	P.T. 44+98.25
C65								45+22.85	151528.1830	755389.7587	27°38'36"	24.60	100.00	48.24	P.C. 44+98.25	P.T. 45+46.49
C66								45+84.58	151588.0193	755371.0766	49°49'20"	38.08	82.00	71.30	P.C. 45+46.50	P.T. 46+17.80
C67								46+25.58	151626.7048	755395.7056	27°18'39"	7.77	32.00	15.25	P.C. 46+17.80	P.T. 46+33.06
C68								46+57.99	151643.1596	755423.9705	14°47'49"	24.93	192.00	49.58	P.C. 46+33.06	P.T. 46+82.64

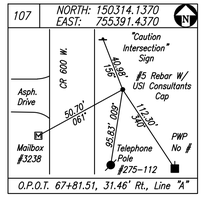


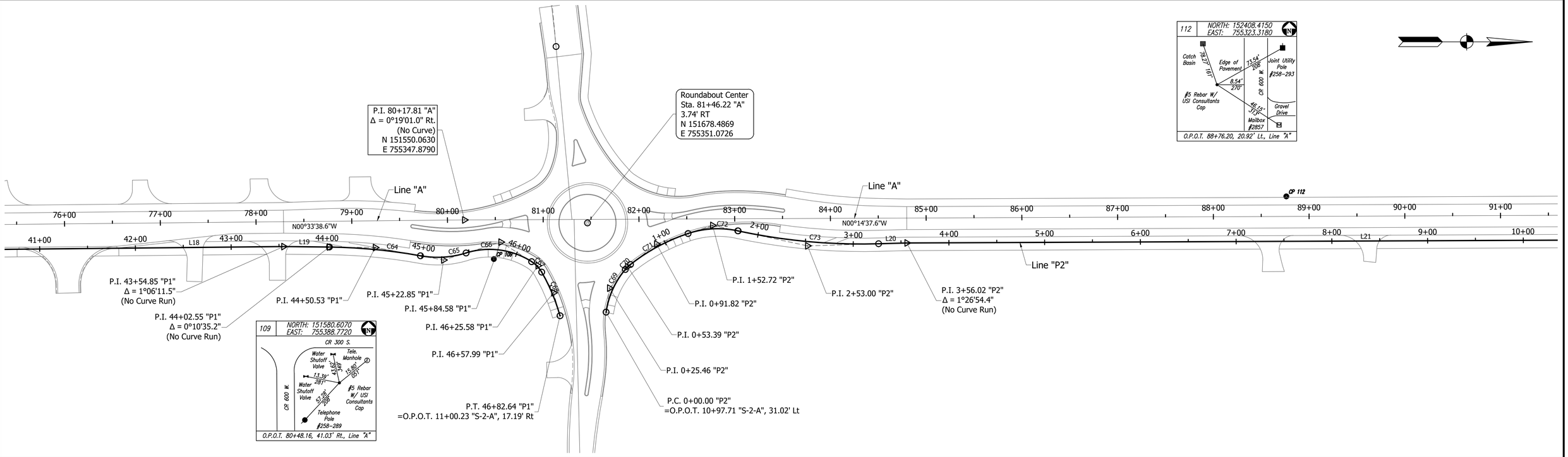




LINE "P2"

SEGMENT	BEARING	LINE START STATION	LINE START NORTHING	LINE START EASTING	LINE END STATION	LINE END NORTHING	LINE END EASTING	P.I. STATION	P.I. NORTHING	P.I. EASTING	Δ DELTA	TANGENT	RADIUS	LENGTH	CURVE BEGIN STATION	CURVE END STATION
C69								0+25.46	151701.4793	755419.1129	32°16'29"	25.46	88.00	49.57	P.C. 0+00.00	P.T. 0+49.57
C70								0+53.39	151720.4247	755396.7882	11°28'29"	3.82	38.00	7.61	P.C. 0+49.57	P.T. 0+57.18
C71								0+91.82	151750.6434	755373.0030	19°50'52"	34.64	197.98	68.58	P.C. 0+57.18	P.T. 1+25.76
C72								1+52.72	151809.1052	755353.6023	30°30'29"	26.96	98.85	52.64	P.C. 1+25.76	P.T. 1+78.40
C73								2+53.00	151908.3893	755374.9770	13°50'31"	74.17	611.00	147.61	P.C. 1+78.84	P.T. 3+26.44
L20	N1°41'32"W	3+26.44	151982.5225	755371.9134	3+56.02	755372.7868	755371.9134							29.58		
L21	N0°14'38"W	3+56.02	152012.0852	755365.5029	18+62.68	755371.9134	755365.5029							1506.66		



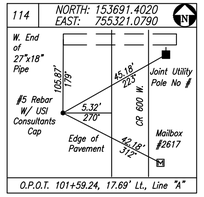


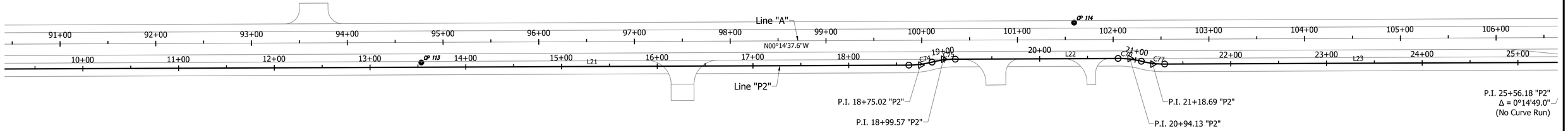
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CHECKED: GRW	CHECKED: GRW		

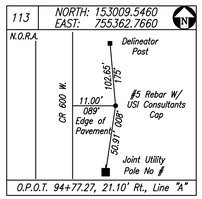
GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEETS
	9 of 214
CONTRACT	PROJECT
R-41989	1802940

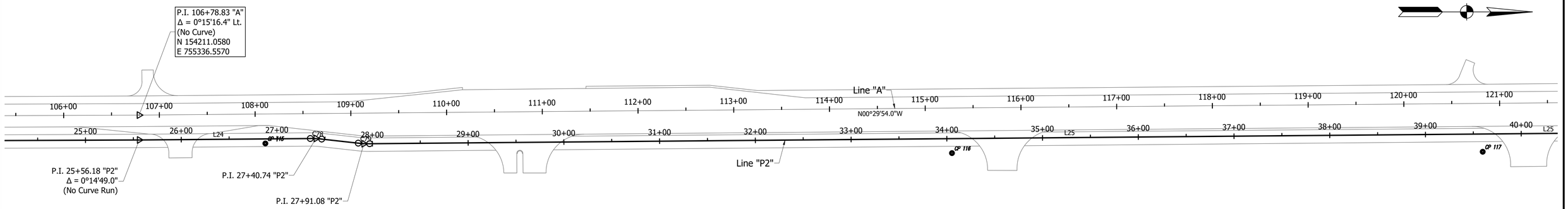
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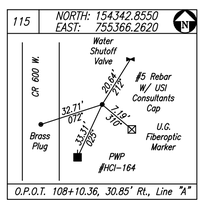


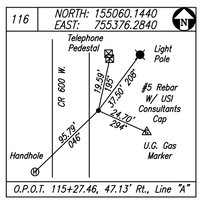


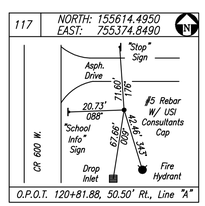


LINE "P2"																
SEGMENT	BEARING	LINE START STATION	LINE START NORTHING	LINE START EASTING	LINE END STATION	LINE END NORTHING	LINE END EASTING	P.I. STATION	P.I. NORTHING	P.I. EASTING	Δ DELTA	TANGENT	RADIUS	LENGTH	CURVE BEGIN STATION	CURVE END STATION
C74								18+75.02	153531.0688	755365.4504	14°04'12"	12.34	100.00	24.56	P.C. 18+62.68	P.T. 18+87.23
C75								18+99.57	153554.9831	755359.3486	14°04'12"	12.34	100.00	24.56	P.C. 18+87.23	P.T. 19+11.79
L22	N0°14'38"W	19+11.79	153567.3228	755358.5728	20+81.79	755359.2961	755358.5728							170.00		
C76								20+94.13	153749.6621	755358.5203	14°04'12"	12.34	100.00	24.56	P.C. 20+81.79	P.T. 21+06.35
C77								21+18.69	153773.6275	755364.4184	14°04'12"	12.34	100.00	24.56	P.C. 21+06.35	P.T. 21+30.90
L23	N0°14'38"W	21+30.90	153785.9677	755362.5564	25+56.18	755364.3659	755362.5564							425.28		
L24	N0°29'27"W	25+56.18	154211.2397	755361.0267	27+34.79	755362.5564	755361.0267							178.61		
C78								27+40.74	154395.7921	755360.9757	6°48'26"	5.95	100.00	11.88	P.C. 27+34.79	P.T. 27+46.67
C79								27+91.08	154445.8436	755366.5161	6°48'53"	5.95	100.00	11.89	P.C. 27+85.13	P.T. 27+97.02
L25	N0°29'54"W	27+97.02	154451.7975	755355.4639	40+61.77	755366.4643	755355.4639							1264.75		









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GREGORY R. WENDLING
REGISTERED
No. PE19300399
STATE OF INDIANA
PROFESSIONAL ENGINEER

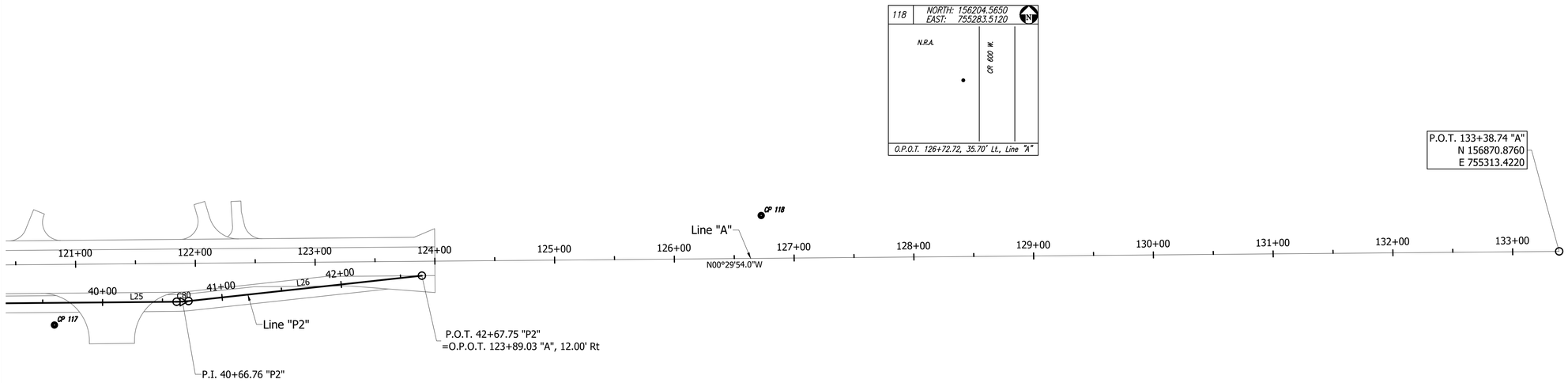
RECOMMENDED FOR APPROVAL
G. R. Wendling 08/11/2023
DESIGN ENGINEER

DESIGNED: CNC	DRAWN: CNC
CHECKED: GRW	CHECKED: GRW

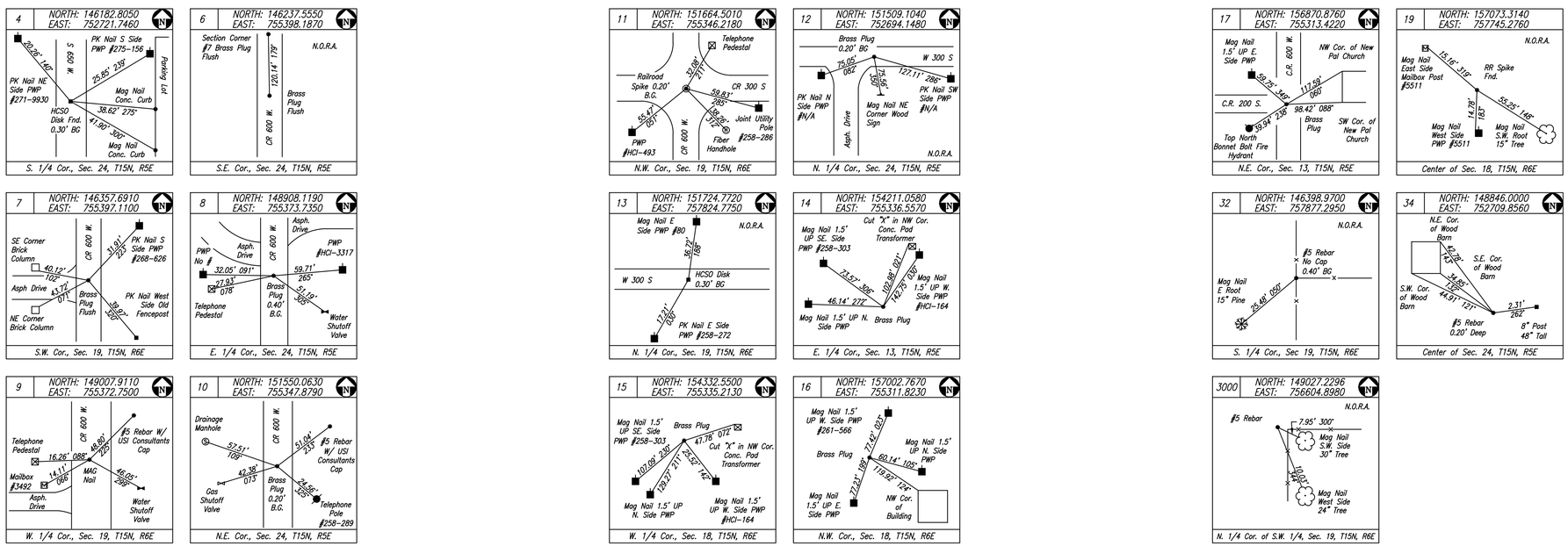
INDIANA
DEPARTMENT OF TRANSPORTATION

GEOMETRIC TIE-IN
CR 600 W

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
N/A	1802940
SURVEY BOOK	SHEETS
	10 of 214
CONTRACT	PROJECT
R-41989	1802940



LINE "P2"																
SEGMENT	BEARING	LINE START STATION	LINE START NORTHING	LINE START EASTING	LINE END STATION	LINE END NORTHING	LINE END EASTING	P.I. STATION	P.I. NORTHING	P.I. EASTING	Δ DELTA	TANGENT	RADIUS	LENGTH	CURVE BEGIN STATION	CURVE END STATION
C80								40+66.76	155721.4852	755355.4206	5°42'38"	4.99	100.00	9.97	P.C. 40+61.77	P.T. 40+71.74
L26	N6°12'32"W	40+71.74	155726.4434	755333.6818	42+67.75	755354.8812	755333.6818							196.01		



GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED:	CNC	DRAWN:	CNC
CHECKED:	GRW	CHECKED:	GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

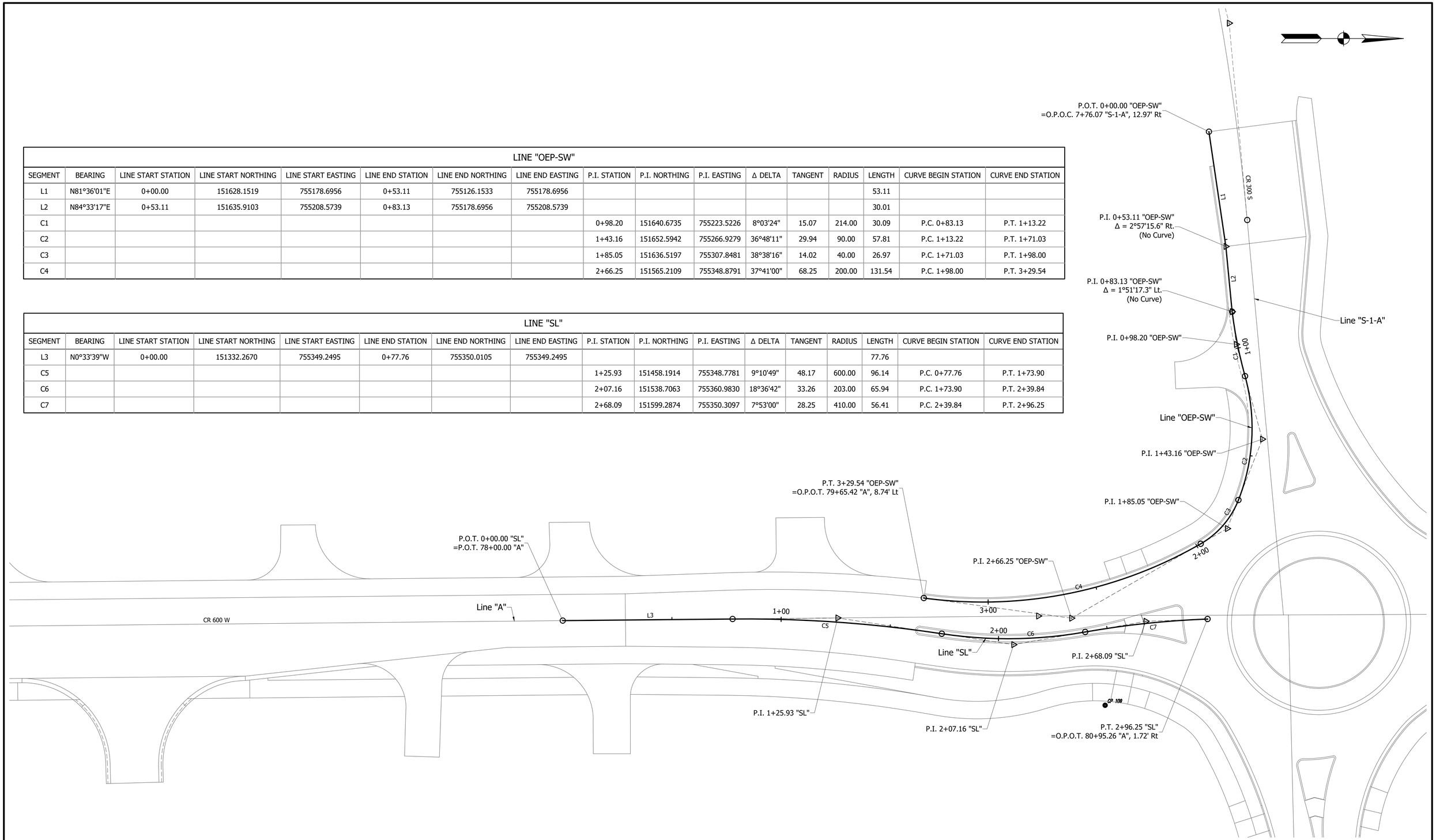
GEOMETRIC TIE-IN
CR 600 W

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
N/A	1802940
SURVEY BOOK	SHEETS
	11 of 214
CONTRACT	PROJECT
R-41989	1802940

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LINE "OEP-SW"																
SEGMENT	BEARING	LINE START STATION	LINE START NORTHING	LINE START EASTING	LINE END STATION	LINE END NORTHING	LINE END EASTING	P.I. STATION	P.I. NORTHING	P.I. EASTING	Δ DELTA	TANGENT	RADIUS	LENGTH	CURVE BEGIN STATION	CURVE END STATION
L1	N81°36'01"E	0+00.00	151628.1519	755178.6956	0+53.11	755126.1533	755178.6956							53.11		
L2	N84°33'17"E	0+53.11	151635.9103	755208.5739	0+83.13	755178.6956	755208.5739							30.01		
C1								0+98.20	151640.6735	755223.5226	8°03'24"	15.07	214.00	30.09	P.C. 0+83.13	P.T. 1+13.22
C2								1+43.16	151652.5942	755266.9279	36°48'11"	29.94	90.00	57.81	P.C. 1+13.22	P.T. 1+71.03
C3								1+85.05	151636.5197	755307.8481	38°38'16"	14.02	40.00	26.97	P.C. 1+71.03	P.T. 1+98.00
C4								2+66.25	151565.2109	755348.8791	37°41'00"	68.25	200.00	131.54	P.C. 1+98.00	P.T. 3+29.54

LINE "SL"																
SEGMENT	BEARING	LINE START STATION	LINE START NORTHING	LINE START EASTING	LINE END STATION	LINE END NORTHING	LINE END EASTING	P.I. STATION	P.I. NORTHING	P.I. EASTING	Δ DELTA	TANGENT	RADIUS	LENGTH	CURVE BEGIN STATION	CURVE END STATION
L3	N0°33'39"W	0+00.00	151332.2670	755349.2495	0+77.76	755350.0105	755349.2495							77.76		
C5								1+25.93	151458.1914	755348.7781	9°10'49"	48.17	600.00	96.14	P.C. 0+77.76	P.T. 1+73.90
C6								2+07.16	151538.7063	755360.9830	18°36'42"	33.26	203.00	65.94	P.C. 1+73.90	P.T. 2+39.84
C7								2+68.09	151599.2874	755350.3097	7°53'00"	28.25	410.00	56.41	P.C. 2+39.84	P.T. 2+96.25



GREGORY R. WENDLING
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No. PE19300399
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED:	CNC	DRAWN:	CNC
CHECKED:	GRW	CHECKED:	GRW

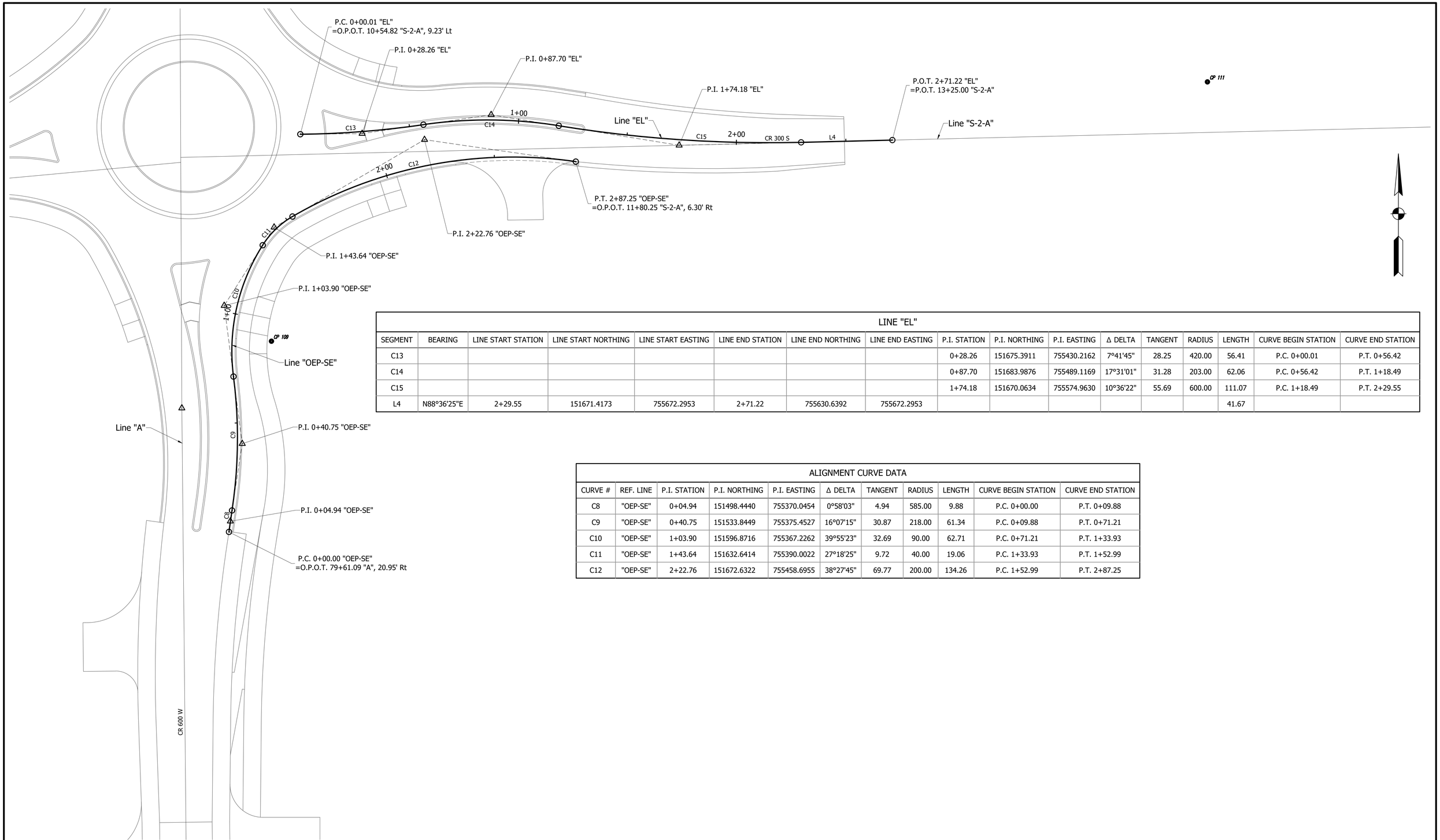
INDIANA
DEPARTMENT OF TRANSPORTATION

GEOMETRIC TIE-IN
CR 600 W

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1802940

SURVEY BOOK	SHEETS		
	12	of	214
CONTRACT	PROJECT		
R-41989	1802940		

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LINE "EL"																
SEGMENT	BEARING	LINE START STATION	LINE START NORTHING	LINE START EASTING	LINE END STATION	LINE END NORTHING	LINE END EASTING	P.I. STATION	P.I. NORTHING	P.I. EASTING	Δ DELTA	TANGENT	RADIUS	LENGTH	CURVE BEGIN STATION	CURVE END STATION
C13								0+28.26	151675.3911	755430.2162	7°41'45"	28.25	420.00	56.41	P.C. 0+00.01	P.T. 0+56.42
C14								0+87.70	151683.9876	755489.1169	17°31'01"	31.28	203.00	62.06	P.C. 0+56.42	P.T. 1+18.49
C15								1+74.18	151670.0634	755574.9630	10°36'22"	55.69	600.00	111.07	P.C. 1+18.49	P.T. 2+29.55
L4	N88°36'25"E	2+29.55	151671.4173	755672.2953	2+71.22	755630.6392	755672.2953							41.67		

ALIGNMENT CURVE DATA										
CURVE #	REF. LINE	P.I. STATION	P.I. NORTHING	P.I. EASTING	Δ DELTA	TANGENT	RADIUS	LENGTH	CURVE BEGIN STATION	CURVE END STATION
C8	"OEP-SE"	0+04.94	151498.4440	755370.0454	0°58'03"	4.94	585.00	9.88	P.C. 0+00.00	P.T. 0+09.88
C9	"OEP-SE"	0+40.75	151533.8449	755375.4527	16°07'15"	30.87	218.00	61.34	P.C. 0+09.88	P.T. 0+71.21
C10	"OEP-SE"	1+03.90	151596.8716	755367.2262	39°55'23"	32.69	90.00	62.71	P.C. 0+71.21	P.T. 1+33.93
C11	"OEP-SE"	1+43.64	151632.6414	755390.0022	27°18'25"	9.72	40.00	19.06	P.C. 1+33.93	P.T. 1+52.99
C12	"OEP-SE"	2+22.76	151672.6322	755458.6955	38°27'45"	69.77	200.00	134.26	P.C. 1+52.99	P.T. 2+87.25

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: CNC | DRAWN: CNC

CHECKED: GRW | CHECKED: GRW

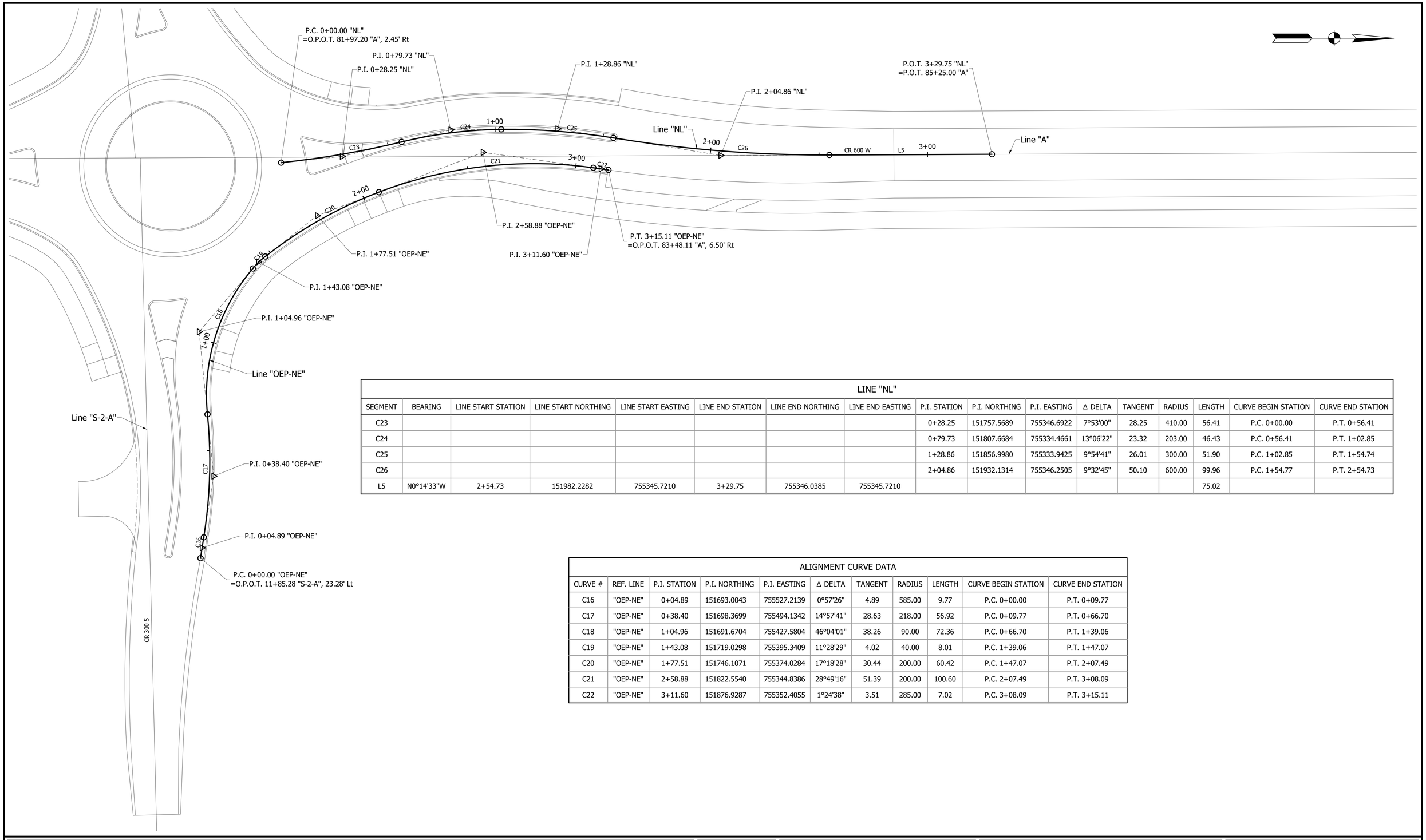
INDIANA
DEPARTMENT OF TRANSPORTATION

GEOMETRIC TIE-IN
CR 600 W

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1802940

SURVEY BOOK	SHEETS
	13 of 214
CONTRACT	PROJECT
R-41989	1802940

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LINE "NL"																
SEGMENT	BEARING	LINE START STATION	LINE START NORTHING	LINE START EASTING	LINE END STATION	LINE END NORTHING	LINE END EASTING	P.I. STATION	P.I. NORTHING	P.I. EASTING	Δ DELTA	TANGENT	RADIUS	LENGTH	CURVE BEGIN STATION	CURVE END STATION
C23								0+28.25	151757.5689	755346.6922	7°53'00"	28.25	410.00	56.41	P.C. 0+00.00	P.T. 0+56.41
C24								0+79.73	151807.6684	755334.4661	13°06'22"	23.32	203.00	46.43	P.C. 0+56.41	P.T. 1+02.85
C25								1+28.86	151856.9980	755333.9425	9°54'41"	26.01	300.00	51.90	P.C. 1+02.85	P.T. 1+54.74
C26								2+04.86	151932.1314	755346.2505	9°32'45"	50.10	600.00	99.96	P.C. 1+54.77	P.T. 2+54.73
L5	N0°14'33"W	2+54.73	151982.2282	755345.7210	3+29.75	755346.0385	755345.7210							75.02		

ALIGNMENT CURVE DATA										
CURVE #	REF. LINE	P.I. STATION	P.I. NORTHING	P.I. EASTING	Δ DELTA	TANGENT	RADIUS	LENGTH	CURVE BEGIN STATION	CURVE END STATION
C16	"OEP-NE"	0+04.89	151693.0043	755527.2139	0°57'26"	4.89	585.00	9.77	P.C. 0+00.00	P.T. 0+09.77
C17	"OEP-NE"	0+38.40	151698.3699	755494.1342	14°57'41"	28.63	218.00	56.92	P.C. 0+09.77	P.T. 0+66.70
C18	"OEP-NE"	1+04.96	151691.6704	755427.5804	46°04'01"	38.26	90.00	72.36	P.C. 0+66.70	P.T. 1+39.06
C19	"OEP-NE"	1+43.08	151719.0298	755395.3409	11°28'29"	4.02	40.00	8.01	P.C. 1+39.06	P.T. 1+47.07
C20	"OEP-NE"	1+77.51	151746.1071	755374.0284	17°18'28"	30.44	200.00	60.42	P.C. 1+47.07	P.T. 2+07.49
C21	"OEP-NE"	2+58.88	151822.5540	755344.8386	28°49'16"	51.39	200.00	100.60	P.C. 2+07.49	P.T. 3+08.09
C22	"OEP-NE"	3+11.60	151876.9287	755352.4055	1°24'38"	3.51	285.00	7.02	P.C. 3+08.09	P.T. 3+15.11

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: CNC | DRAWN: CNC

CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

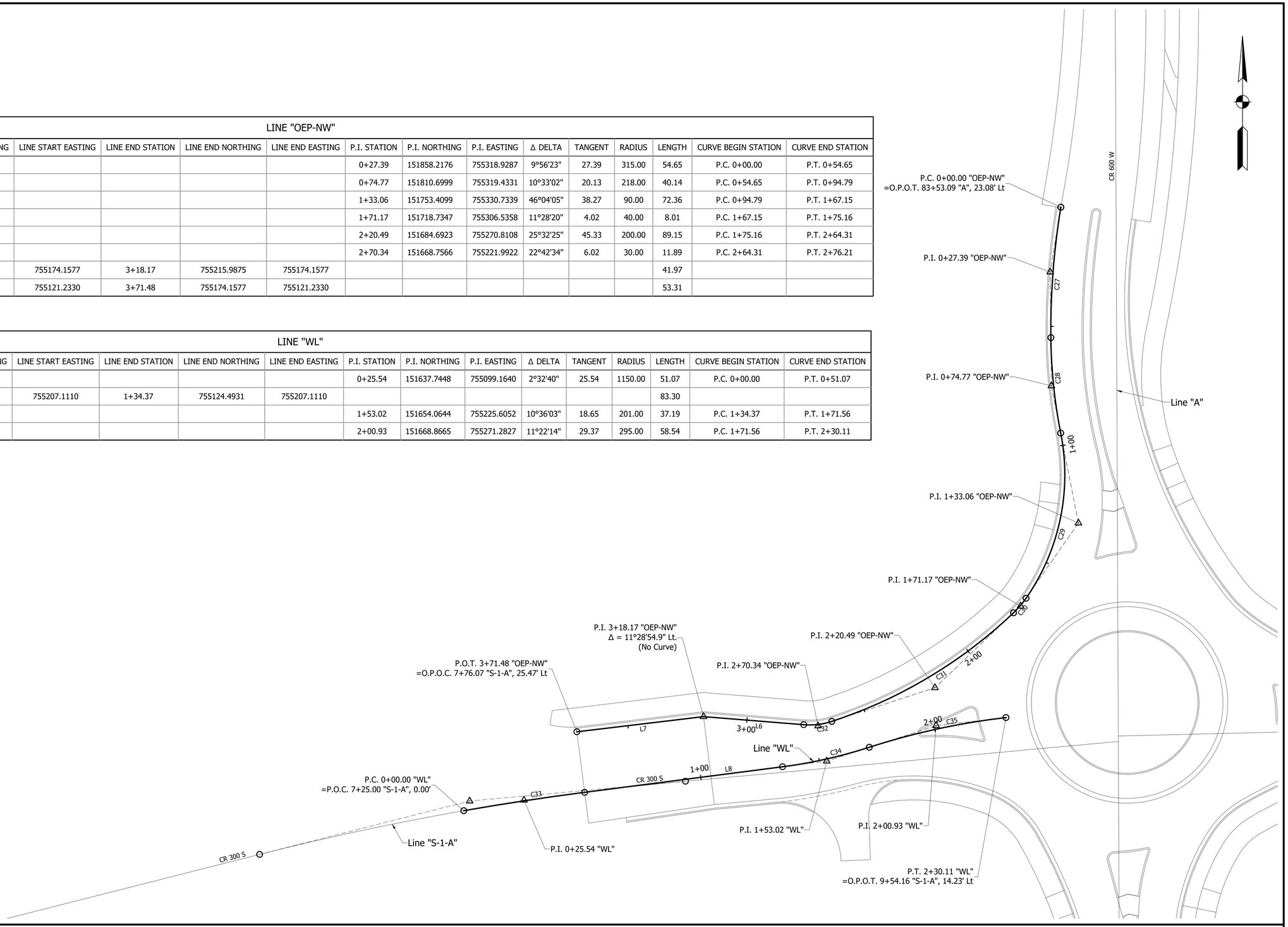
GEOMETRIC TIE-IN
CR 600 W

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1802940
SURVEY BOOK	SHEETS
	14 of 214
CONTRACT	PROJECT
R-41989	1802940

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LINE "OEP-NW"																
SEGMENT	BEARING	LINE START STATION	LINE START NORTHING	LINE START EASTING	LINE END STATION	LINE END NORTHING	LINE END EASTING	P.I. STATION	P.I. NORTHING	P.I. EASTING	Δ DELTA	TANGENT	RADIUS	LENGTH	CURVE BEGIN STATION	CURVE END STATION
C27								0+27.39	151858.2176	755318.9287	9°56'23"	27.39	315.00	54.65	P.C. 0+00.00	P.T. 0+54.65
C28								0+74.77	151810.6999	755319.4331	10°33'02"	20.13	218.00	40.14	P.C. 0+54.65	P.T. 0+94.79
C29								1+33.06	151753.4099	755330.7339	46°04'05"	38.27	90.00	72.36	P.C. 0+94.79	P.T. 1+67.15
C30								1+71.17	151718.7347	755306.5358	11°28'20"	4.02	40.00	8.01	P.C. 1+67.15	P.T. 1+75.16
C31								2+20.49	151684.6923	755270.8108	25°32'25"	45.33	200.00	89.15	P.C. 1+75.16	P.T. 2+64.31
C32								2+70.34	151668.7566	755221.9922	22°42'34"	6.02	30.00	11.89	P.C. 2+64.31	P.T. 2+76.21
L6	N85°22'08"W	2+76.21	151669.2430	755174.1577	3+18.17	755215.9875	755174.1577							41.97		
L7	S83°08'58"W	3+18.17	151672.6315	755121.2330	3+71.48	755174.1577	755121.2330							53.31		

LINE "WL"																
SEGMENT	BEARING	LINE START STATION	LINE START NORTHING	LINE START EASTING	LINE END STATION	LINE END NORTHING	LINE END EASTING	P.I. STATION	P.I. NORTHING	P.I. EASTING	Δ DELTA	TANGENT	RADIUS	LENGTH	CURVE BEGIN STATION	CURVE END STATION
C33								0+25.54	151637.7448	755099.1640	2°32'40"	25.54	1150.00	51.07	P.C. 0+00.00	P.T. 0+51.07
L8	N82°38'44"E	0+51.07	151641.0140	755207.1110	1+34.37	755124.4931	755207.1110							83.30		
C34								1+53.02	151654.0644	755225.6052	10°36'03"	18.65	201.00	37.19	P.C. 1+34.37	P.T. 1+71.56
C35								2+00.93	151668.8665	755271.2827	11°22'14"	29.37	295.00	58.54	P.C. 1+71.56	P.T. 2+30.11



GREGORY R. WENDLING
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DESIGNED: CNC	DRAWN: CNC
CHECKED: GRW	CHECKED: GRW

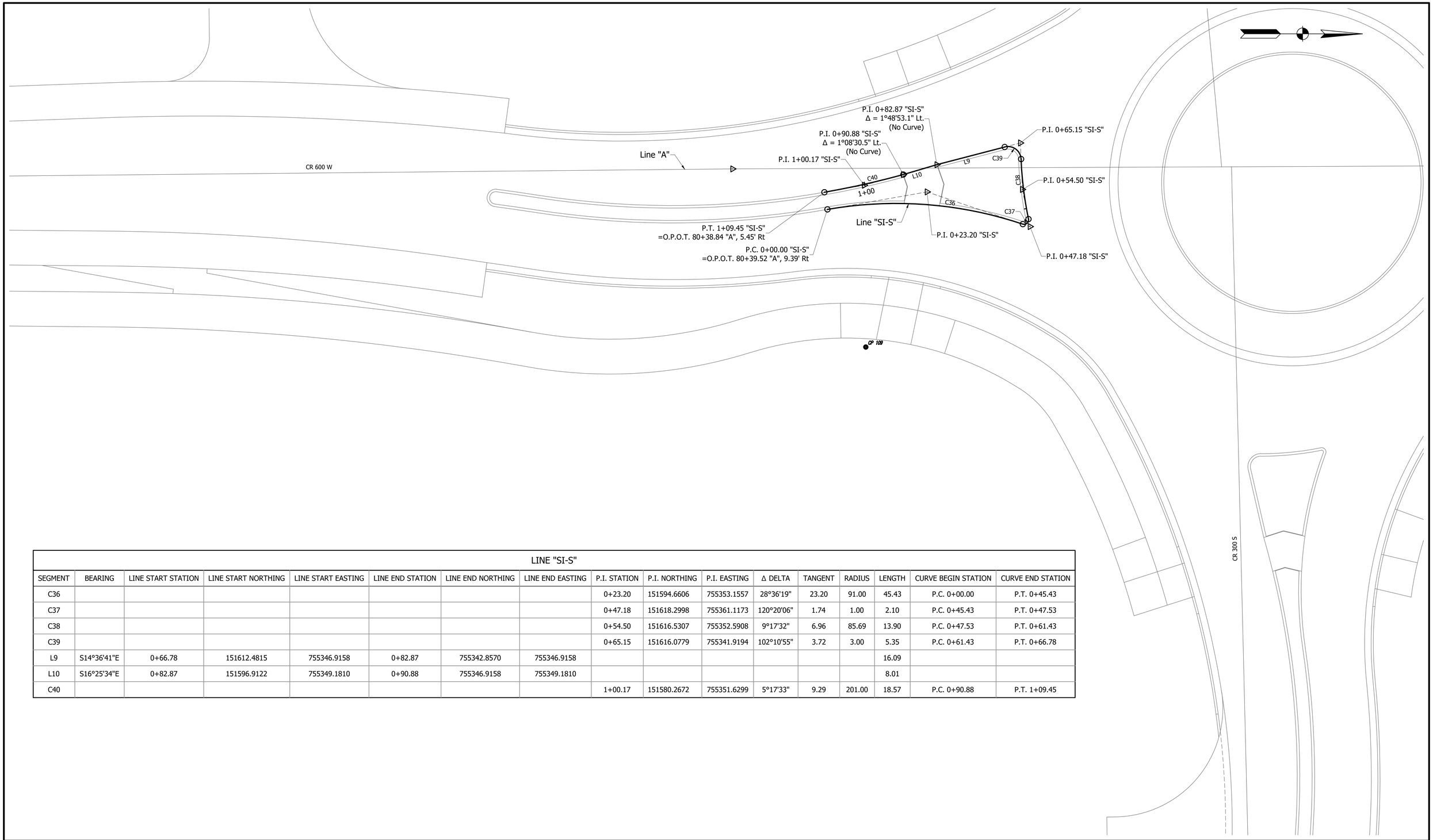
INDIANA
DEPARTMENT OF TRANSPORTATION

GEOMETRIC TIE-IN
CR 600 W

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	1802940

SURVEY BOOK	SHEETS
	15 of 214
CONTRACT	PROJECT
R-41989	1802940

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LINE "SI-S"																
SEGMENT	BEARING	LINE START STATION	LINE START NORTHING	LINE START EASTING	LINE END STATION	LINE END NORTHING	LINE END EASTING	P.I. STATION	P.I. NORTHING	P.I. EASTING	Δ DELTA	TANGENT	RADIUS	LENGTH	CURVE BEGIN STATION	CURVE END STATION
C36								0+23.20	151594.6606	755353.1557	28°36'19"	23.20	91.00	45.43	P.C. 0+00.00	P.T. 0+45.43
C37								0+47.18	151618.2998	755361.1173	120°20'06"	1.74	1.00	2.10	P.C. 0+45.43	P.T. 0+47.53
C38								0+54.50	151616.5307	755352.5908	9°17'32"	6.96	85.69	13.90	P.C. 0+47.53	P.T. 0+61.43
C39								0+65.15	151616.0779	755341.9194	102°10'55"	3.72	3.00	5.35	P.C. 0+61.43	P.T. 0+66.78
L9	S14°36'41"E	0+66.78	151612.4815	755346.9158	0+82.87	755342.8570	755346.9158							16.09		
L10	S16°25'34"E	0+82.87	151596.9122	755349.1810	0+90.88	755346.9158	755349.1810							8.01		
C40								1+00.17	151580.2672	755351.6299	5°17'33"	9.29	201.00	18.57	P.C. 0+90.88	P.T. 1+09.45

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

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DESIGNED: CNC | DRAWN: CNC

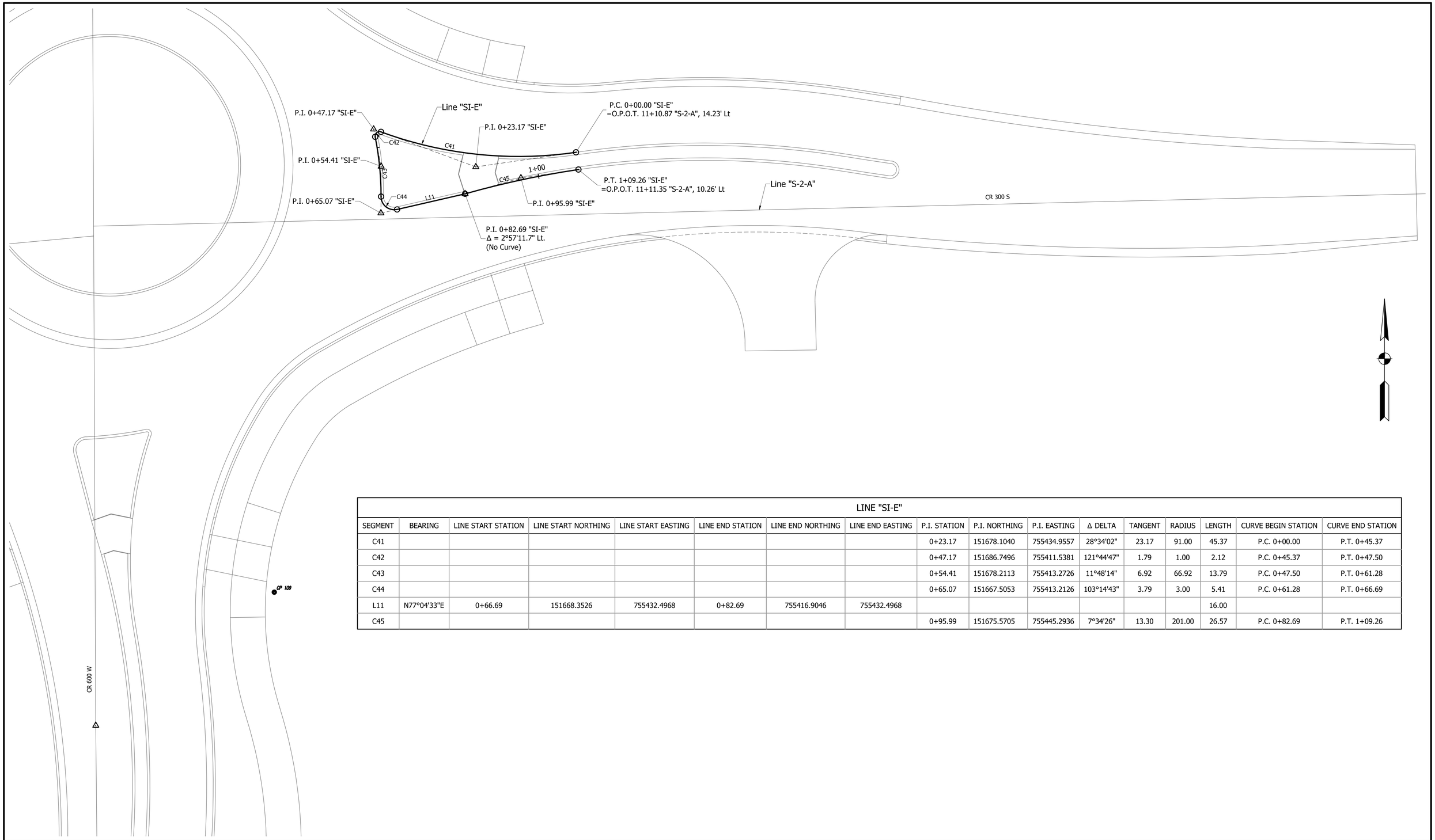
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INDIANA
DEPARTMENT OF TRANSPORTATION

GEOMETRIC TIE-IN
CR 600 W

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
N/A	1802940
SURVEY BOOK	SHEETS
	16 of 214
CONTRACT	PROJECT
R-41989	1802940

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LINE "SI-E"																
SEGMENT	BEARING	LINE START STATION	LINE START NORTHING	LINE START EASTING	LINE END STATION	LINE END NORTHING	LINE END EASTING	P.I. STATION	P.I. NORTHING	P.I. EASTING	Δ DELTA	TANGENT	RADIUS	LENGTH	CURVE BEGIN STATION	CURVE END STATION
C41								0+23.17	151678.1040	755434.9557	28°34'02"	23.17	91.00	45.37	P.C. 0+00.00	P.T. 0+45.37
C42								0+47.17	151686.7496	755411.5381	121°44'47"	1.79	1.00	2.12	P.C. 0+45.37	P.T. 0+47.50
C43								0+54.41	151678.2113	755413.2726	11°48'14"	6.92	66.92	13.79	P.C. 0+47.50	P.T. 0+61.28
C44								0+65.07	151667.5053	755413.2126	103°14'43"	3.79	3.00	5.41	P.C. 0+61.28	P.T. 0+66.69
L11	N77°04'33"E	0+66.69	151668.3526	755432.4968	0+82.69	755416.9046	755432.4968							16.00		
C45								0+95.99	151675.5705	755445.2936	7°34'26"	13.30	201.00	26.57	P.C. 0+82.69	P.T. 1+09.26

GREGORY R. WENDLING
REGISTERED
No. PE19300399
STATE OF INDIANA
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DESIGN ENGINEER

DESIGNED: CNC | DRAWN: CNC
CHECKED: GRW | CHECKED: GRW

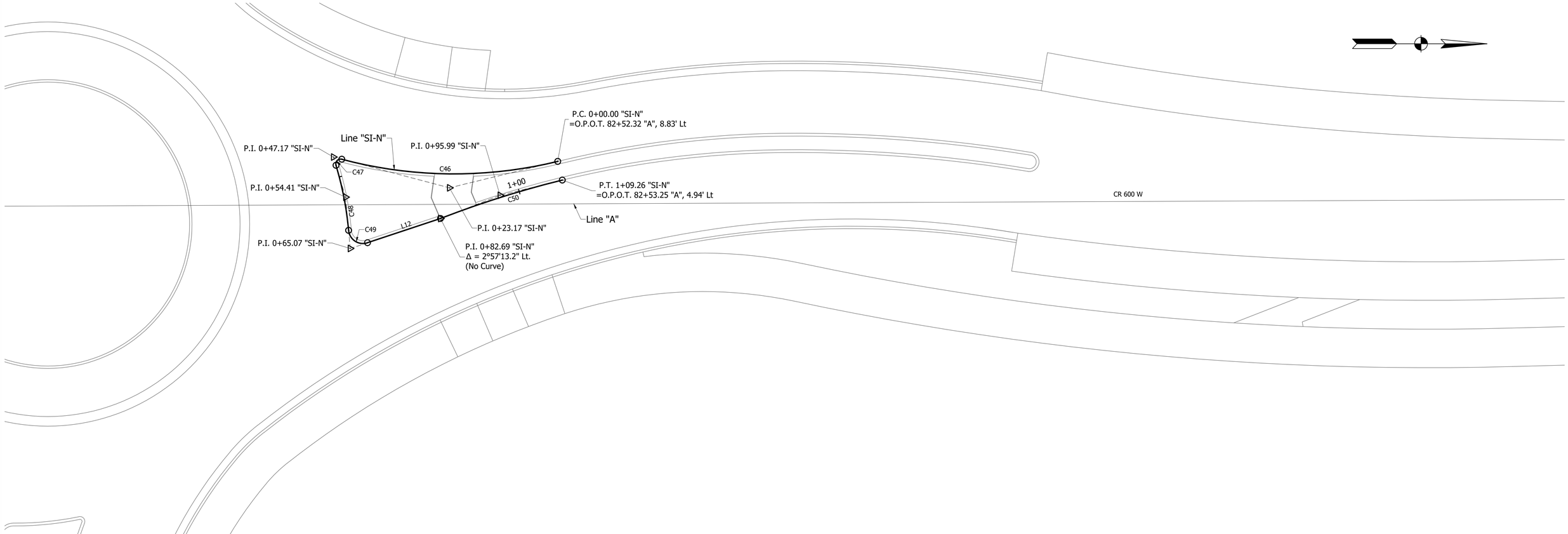
INDIANA
DEPARTMENT OF TRANSPORTATION

GEOMETRIC TIE-IN
CR 600 W

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
N/A	1802940

SURVEY BOOK	SHEETS
	17 of 214
CONTRACT	PROJECT
R-41989	1802940

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LINE "SI-N"																
SEGMENT	BEARING	LINE START STATION	LINE START NORTHING	LINE START EASTING	LINE END STATION	LINE END NORTHING	LINE END EASTING	P.I. STATION	P.I. NORTHING	P.I. EASTING	Δ DELTA	TANGENT	RADIUS	LENGTH	CURVE BEGIN STATION	CURVE END STATION
C46								0+23.17	151762.0324	755343.5443	28°34'02"	23.17	91.00	45.37	P.C. 0+00.00	P.T. 0+45.37
C47								0+47.17	151737.9039	755337.1454	121°44'47"	1.79	1.00	2.12	P.C. 0+45.37	P.T. 0+47.50
C48								0+54.41	151740.4358	755345.4820	11°48'14"	6.92	66.92	13.79	P.C. 0+47.50	P.T. 0+61.28
C49								0+65.07	151741.3855	755356.1460	103°14'42"	3.79	3.00	5.41	P.C. 0+61.28	P.T. 0+66.69
L12	N18°20'05"W	0+66.69	151744.9812	755349.9224	0+82.69	755354.9544	755349.9224							16.00		
C50								0+95.99	151772.5627	755345.0919	7°34'27"	13.30	201.00	26.57	P.C. 0+82.69	P.T. 1+09.26

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

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DESIGNED: CNC | DRAWN: CNC

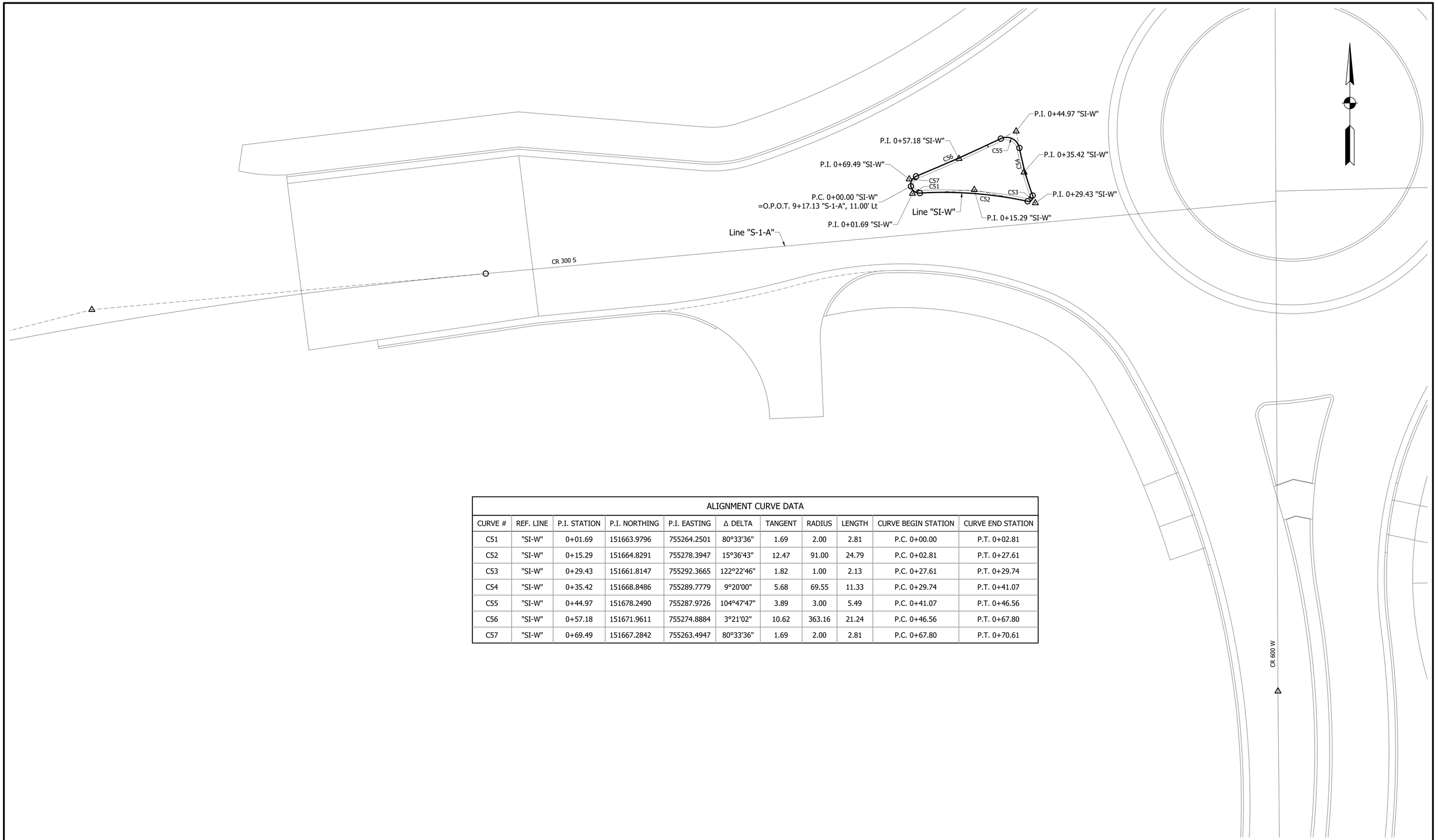
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INDIANA DEPARTMENT OF TRANSPORTATION

GEOMETRIC TIE-IN
CR 600 W

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
N/A	1802940
SURVEY BOOK	SHEETS
	18 of 214
CONTRACT	PROJECT
R-41989	1802940

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ALIGNMENT CURVE DATA										
CURVE #	REF. LINE	P.I. STATION	P.I. NORTHING	P.I. EASTING	Δ DELTA	TANGENT	RADIUS	LENGTH	CURVE BEGIN STATION	CURVE END STATION
C51	"SI-W"	0+01.69	151663.9796	755264.2501	80°33'36"	1.69	2.00	2.81	P.C. 0+00.00	P.T. 0+02.81
C52	"SI-W"	0+15.29	151664.8291	755278.3947	15°36'43"	12.47	91.00	24.79	P.C. 0+02.81	P.T. 0+27.61
C53	"SI-W"	0+29.43	151661.8147	755292.3665	122°22'46"	1.82	1.00	2.13	P.C. 0+27.61	P.T. 0+29.74
C54	"SI-W"	0+35.42	151668.8486	755289.7779	9°20'00"	5.68	69.55	11.33	P.C. 0+29.74	P.T. 0+41.07
C55	"SI-W"	0+44.97	151678.2490	755287.9726	104°47'47"	3.89	3.00	5.49	P.C. 0+41.07	P.T. 0+46.56
C56	"SI-W"	0+57.18	151671.9611	755274.8884	3°21'02"	10.62	363.16	21.24	P.C. 0+46.56	P.T. 0+67.80
C57	"SI-W"	0+69.49	151667.2842	755263.4947	80°33'36"	1.69	2.00	2.81	P.C. 0+67.80	P.T. 0+70.61

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DESIGNED: CNC | DRAWN: CNC

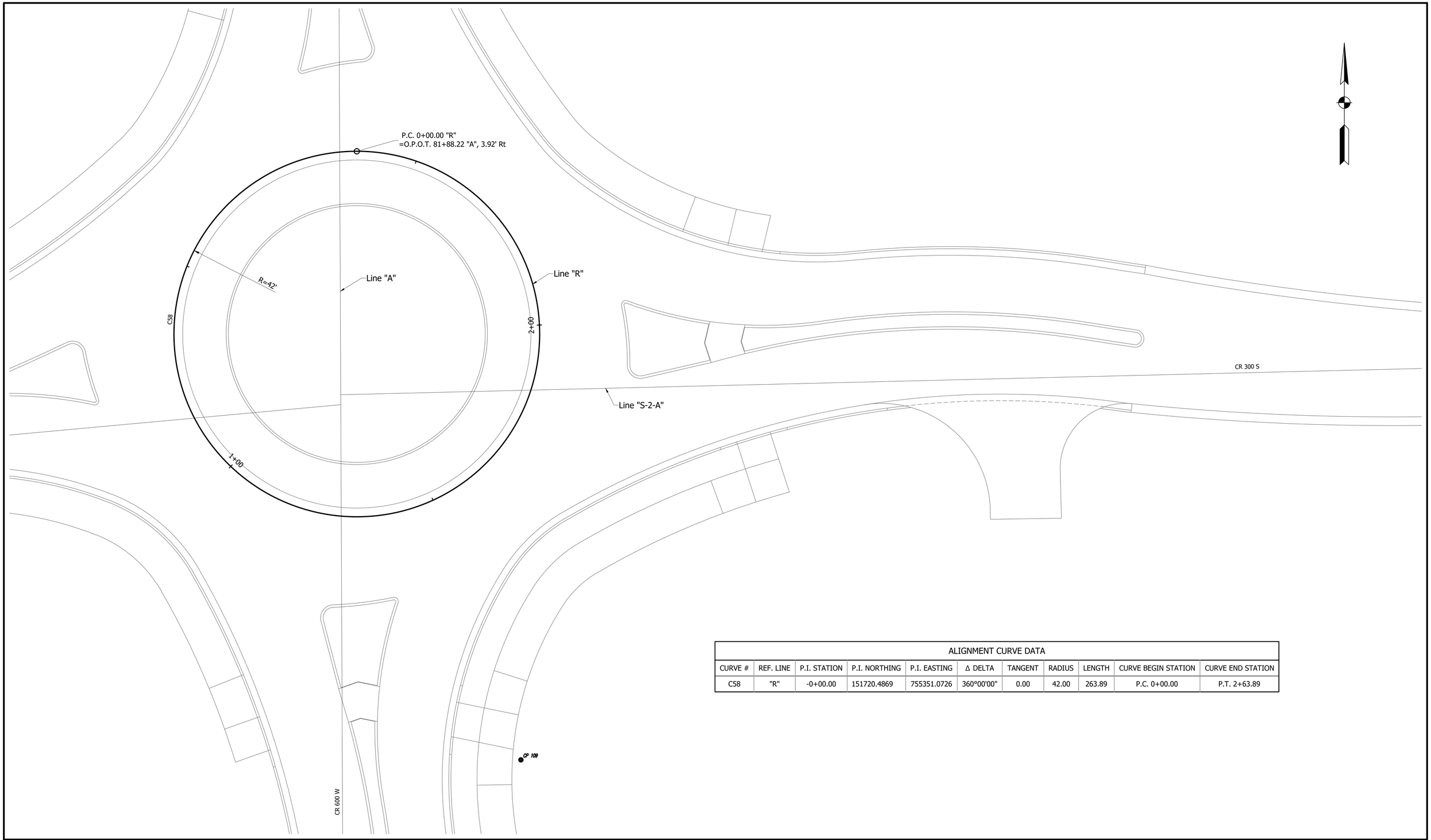
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INDIANA
DEPARTMENT OF TRANSPORTATION

GEOMETRIC TIE-IN
CR 600 W

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
N/A	1802940
SURVEY BOOK	SHEETS
	19 of 214
CONTRACT	PROJECT
R-41989	1802940

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ALIGNMENT CURVE DATA										
CURVE #	REF. LINE	P.I. STATION	P.I. NORTHING	P.I. EASTING	Δ DELTA	TANGENT	RADIUS	LENGTH	CURVE BEGIN STATION	CURVE END STATION
C58	"R"	-0+00.00	151720.4869	755351.0726	360°00'00"	0.00	42.00	263.89	P.C. 0+00.00	P.T. 2+63.89

GREGORY R. WENDLING
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RECOMMENDED FOR APPROVAL
G R. Wendling 08/11/2023
DESIGN ENGINEER

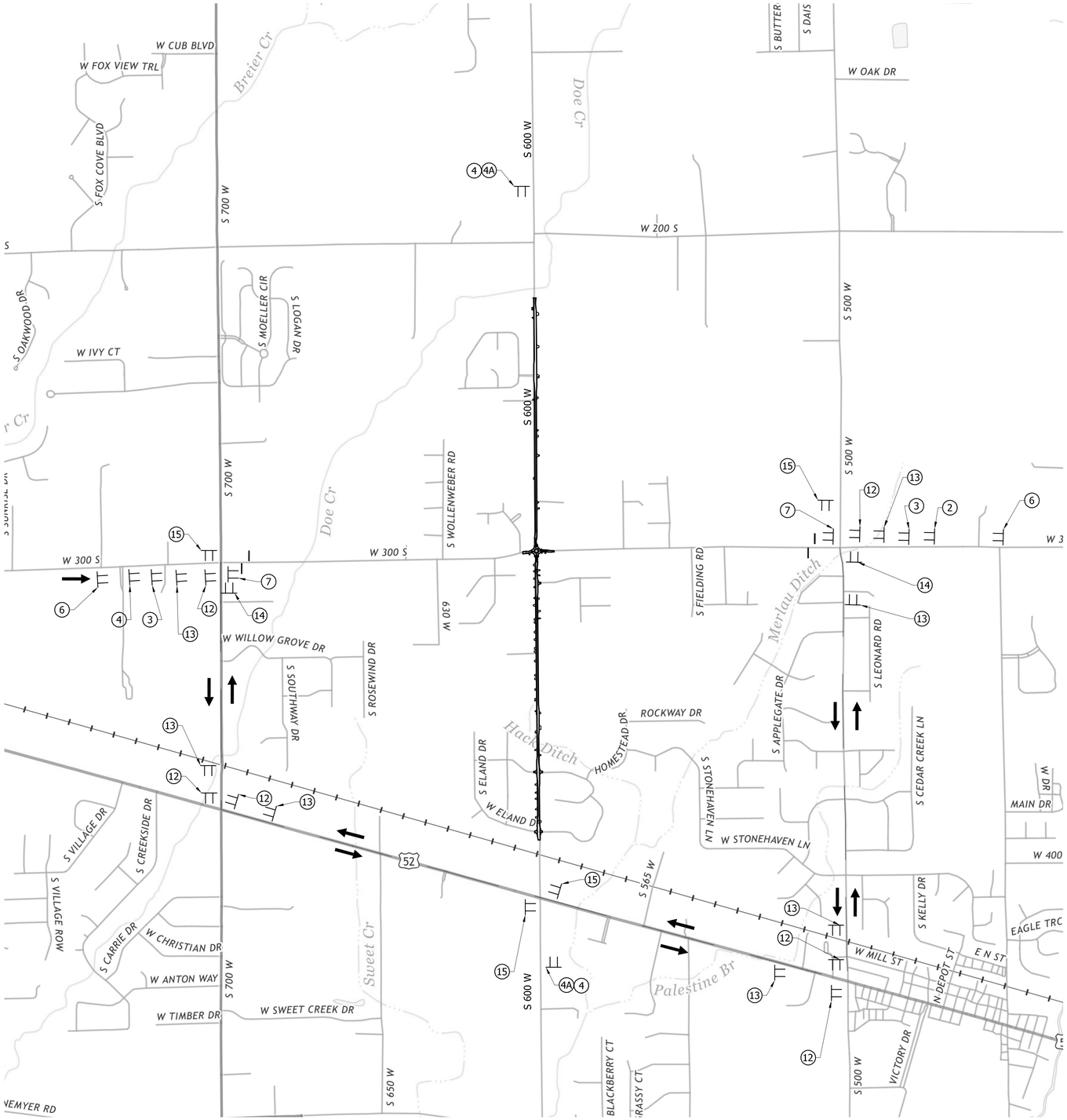
DESIGNED: CNC | DRAWN: CNC
CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

GEOMETRIC TIE-IN
CR 600 W

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
N/A	1802940
SURVEY BOOK	SHEETS
	20 of 214
CONTRACT	PROJECT
R-41989	1802940

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LEGEND

— Type III-B Barricade

← Traffic Flow Arrow

TT Construction Sign Type "A"

Detour route for CR 300 S closure while CR 600 W is open

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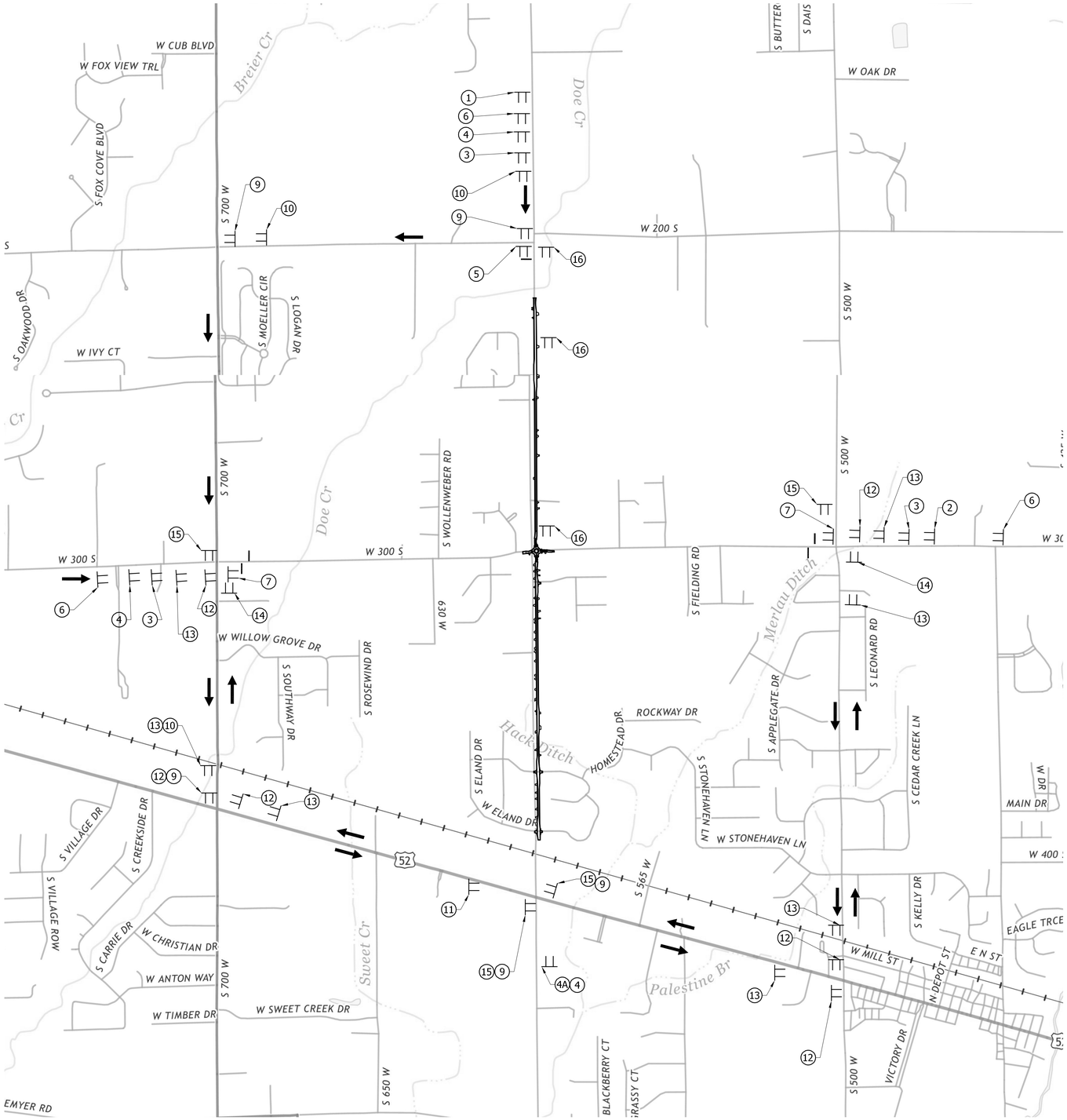
DESIGNED: PEC DRAWN: PEC

CHECKED: GRW CHECKED: GRW

INDIANA DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS PHASE 1A

HORIZONTAL SCALE	BRIDGE FILE
1" = 1000'	
VERTICAL SCALE	DESIGNATION
1" = 1000'	1802940
SURVEY BOOK	SHEETS
	21 of 214
CONTRACT	PROJECT
R-41989	1802940



LEGEND

— Type III-B Barricade

← Traffic Flow Arrow

TT Construction Sign Type "A"

Detour route for CR 300 S closure
and CR 600 S Southbound closure

GREGORY R. WENDLING
REGISTERED
No. PE19300399
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC

CHECKED: GRW | CHECKED: GRW

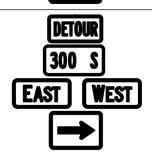
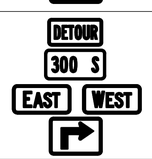
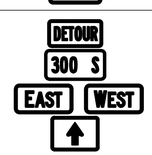
INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
PHASE 1B & 2A

HORIZONTAL SCALE	BRIDGE FILE
1" = 1000'	
VERTICAL SCALE	DESIGNATION
1" = 1000'	1802940

SURVEY BOOK	SHEETS		
	22	of	214
CONTRACT	PROJECT		
R-41989	1802940		

LEGEND	DESCRIPTION		SIZE	TYPE	NO.
①		XW2-6-A	(78" x 42")	A	1
②		XW20-1	36" X 36"	A	2
③		XW20-2	36" X 36"	A	5
④		XW20-3	36" X 36"	A	5
④A		W16-8	12" X 8"	B	2
⑤		R11-4	60" X 30"	A	1
		XM4-10 (L or R)	48" X 18"	B	1
	ROAD CLOSURE SIGN ASSEMBLY			-	**
⑥		XW20-6	60" X 30"	A	6
⑦		R11-3	60" X 30"	A	2
		XM4-10 (L or R)	48" X 18"	B	2
	ROAD CLOSURE SIGN ASSEMBLY			-	**'

LEGEND	DESCRIPTION		SIZE	TYPE	NO.
⑧		XM4-8 M1-5 (C.R. 600 W.) M3-3 M6-3	24" X 12" 30" X 15" 24" X 12" 21" X 15"	Detour Route Assembly	1
⑨		XM4-8 M1-5 (C.R. 600 W.) M3-3 M6-1 (L or R)	24" X 12" 30" X 15" 24" X 12" 21" X 15"	Detour Route Assembly	6
⑩		XM4-8 M1-5 (C.R. 600 W.) M3-3 M5-1 (L or R)	24" X 12" 30" X 15" 24" X 12" 21" X 15"	Detour Route Assembly	3
⑪		XM4-6 XM4-8 M1-5 (C.R. 600 W.) M5-1 (L or R)	24" X 12" 24" X 12" 30" X 15" 21" X 15"	Detour Route Assembly	1
⑫		XM4-8 M1-5 (C.R. 300 S.) M3-2 or M3-4 M6-1 (L or R)	24" X 12" 30" X 15" 24" X 12" 21" X 15"	Detour Route Assembly	11
⑬		XM4-8 M1-5 (C.R. 300 S.) M3-2 or M3-4 M5-1 (L or R)	24" X 12" 30" X 15" 24" X 12" 21" X 15"	Detour Route Assembly	13
⑭		XM4-6 XM4-8 M1-5 (C.R. 300 S.) M5-1 (L or R)	24" X 12" 24" X 12" 30" X 15" 21" X 15"	Detour Route Assembly	4
⑮		XM4-8 M1-5 (C.R. 300 S.) M3-2 or M3-4 M6-3	24" X 12" 30" X 15" 24" X 12" 21" X 15"	Detour Route Assembly	5
Ⓑ	TYPE III-B BARRICADE		12'		**'

LEGEND	DESCRIPTION		SIZE	TYPE	NO.
⑯		R5-1a R5-1	36" x 24" 36" x 36"	A A	3 3
Ⓑ	TYPE III-B BARRICADE		12'		**'

DESCRIPTION	QUANTITY
CONSTRUCTION SIGN A	28
CONSTRUCTION SIGN B	6
DETOUR MARKER ASSEMBLY	43

**Signs included in cost of Road Closure Sign Assembly per Specifications

NOTES:

1. For Detour Map see Sheet No. 22

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL G R. Wendling 08/11/2023
DESIGN ENGINEER

DESIGNED: PEC DRAWN: PEC
CHECKED: GRW CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
CR 600 W DETOUR SIGNS

HORIZONTAL SCALE	BRIDGE FILE
NA	
VERTICAL SCALE	DESIGNATION
NA	1802940

SURVEY BOOK	SHEETS		
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CONTRACT	PROJECT		
R-41989	1802940		

SUMMARY OF QUANTITIES - MAINTENANCE OF TRAFFIC					
ITEM	UNIT	SUMMARY OF QUANTITIES BY PHASE			
		PHASE IA	PHASE IB	PHASE 2A	PHASE 2B
Temporary Pavement Marking, White, 4 in.	LFT	195	840	2313	4185
Temporary Pavement Marking, Yellow, 4 in.	LFT	-	840	295	4185
Temporary Pavement Marking, Yellow, 4 in., Dashed	LFT	-	-	-	-
Line, Remove	LFT	-	1090	800	3630
Temporary Concrete Barrier Rail	LFT	620	600	350	-
Energy Absorbing Terminal, CZ	EACH	2	1	1	-
Barricade, Type III A	LFT	60	-	24	-
Barricade, Type III-B	LFT	-	96	108	-
Construction Sign, Type "A"	EACH	6	5	4	6
Construction Sign, Type "B"	EACH	2	40	20	2
Road Closure Sign Assembly	EACH	2	2	2	-
-	-	-	-	-	-

DESCRIPTION		SIZE	TYPE	QTY
	R11-2	48" x 30"	ROAD CLOSURE ASSEMBLY	6
	XW2-6-A	60" x 36"	A	-
	G20-2	36" x 18"	B	6
	WX20-1a	36" x 36"	A	7
	W20-1(500)	36" x 36"	A	5

DESCRIPTION		SIZE	TYPE	QTY
	XW1-4(L)		A	2
	XW1-4(R)		A	3
	R3-5a	48" x 30"	A	4
	R3-1	24" x 24"	B	37
	R3-2	24" x 24"	B	23
TYPE III-A BARRICADE		12'		84
TYPE III-B BARRICADE		12'		60

CR 600 W CONSTRUCTION SEQUENCE FOR MAINTENANCE OF TRAFFIC

PHASE 1A

1. CR 300 S closed at intersection.
2. Construct roundabout portions that are on CR 300 S.
3. Access to Drives must be maintained at all times.

PHASE 1B

1. Close southbound lanes on CR 600 W.
2. Construct widening, shoulder, and roundabout on west side of CR 600 W.
3. Access Drives must be maintained at all times.

PHASE 2A

1. Drives south of of Station 76+00 Line "A" may travel southbound on CR 600 W.
2. Northbound traffic will shift to west side of roadway through the recently completed portions of roundabout.
3. Complete remaining full depth portions of roundabout.
4. Access Drives must be maintained at all times.

PHASE 2B

1. Open southbound CR 600 W and CR 300 S.
2. Shift CR 600 W traffic towards new west side shoulder.
3. Construct widening and shoulder on east side of CR 600 W.
3. Access Drives must be maintained at all times.

CONSTRUCTION ZONE DESIGN SPEED: 45 MPH

Constructed in Previous Phase
Constructed in Current Phase
Type III Barricade
Drum
Temp Traffic Barrier, Type 2
TT Construction Sign Type "A"
T1 Temporary Pavement Marking, 4 in., Yellow, Solid
T2 Temporary Pavement Marking, 4 in., White, Solid
T3 Temporary Pavement Marking, 4 in., Yellow, Dashed
Traffic Flow Arrow
X Line Removal

CONSTRUCTION SEQUENCE - PHASE 1A

1. Construct roundabout portions that are on CR 300 S
2. Access Drives must be maintained at all times.

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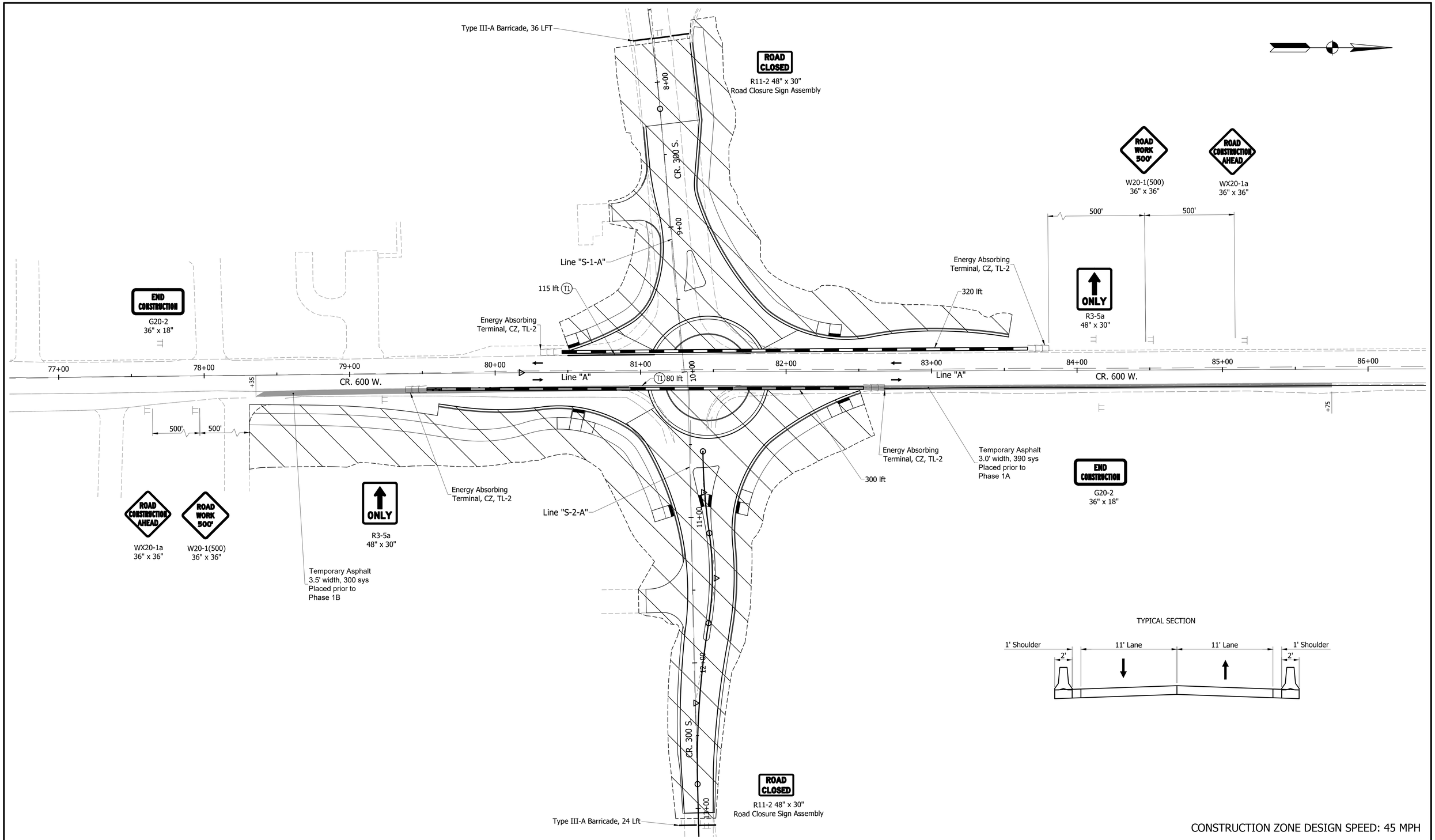
RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: CNC | DRAWN: CNC | CHECKED: MPB | CHECKED: GRW

INDIANA DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
CR 600 W / CR 300 S

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	1802940
SURVEY BOOK	SHEETS
	24 of 214
CONTRACT	PROJECT
R-41989	1802940



TYPICAL SECTION

CONSTRUCTION ZONE DESIGN SPEED: 45 MPH

Constructed in Current Phase
Type III Barricade
Drum
Temp Traffic Barrier, Type 2
TT Construction Sign
T1 Temporary Pavement Marking, 4 in., Yellow, Solid
T2 Temporary Pavement Marking, 4 in., White, Solid
Traffic Flow Arrow
Line Removal

CONSTRUCTION SEQUENCE - PHASE 1A

1. CR 300 S closed at intersection
2. Construct roundabout portions that are on CR 300 S
3. Access Drives must be maintained at all times.

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC

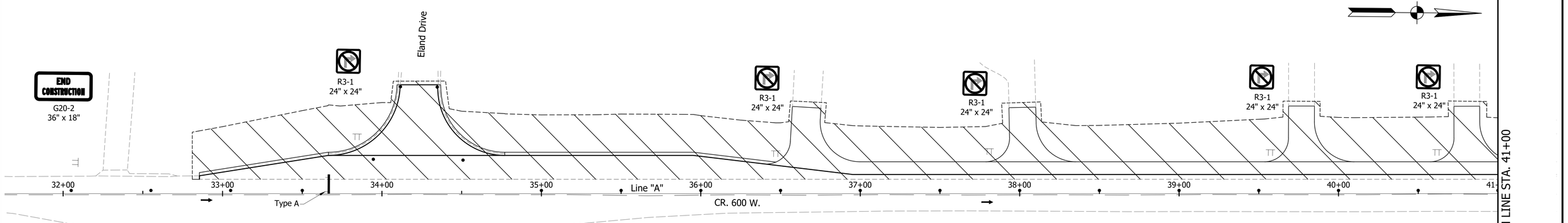
CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

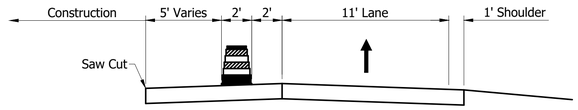
TRAFFIC MAINTENANCE DETAILS
CR 600 W PHASE 1A

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940

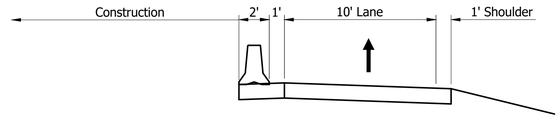
SURVEY BOOK	SHEETS
	25 of 214
CONTRACT	PROJECT
R-41989	1802940



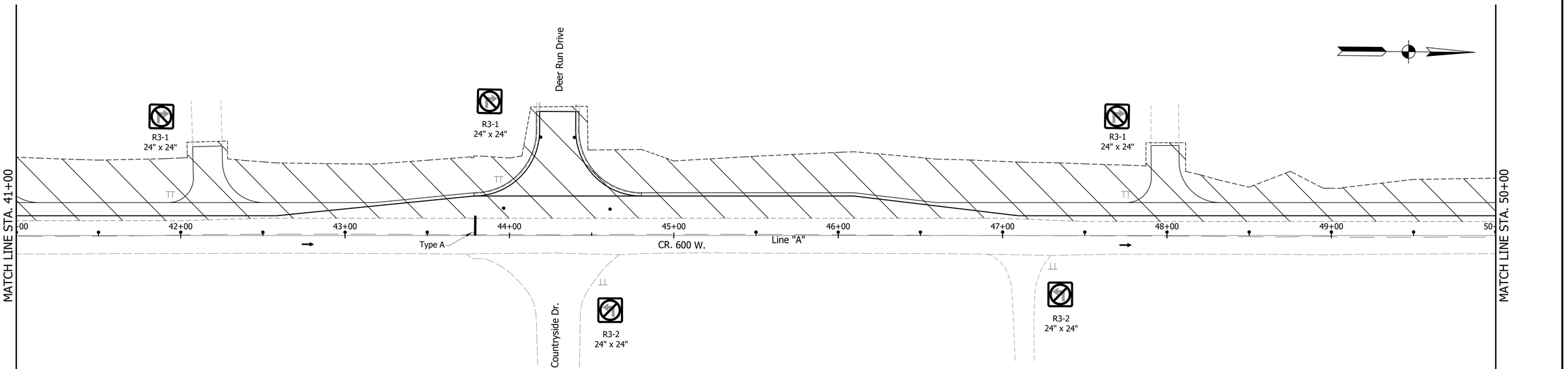
TYPICAL SECTIONS



Widen Section
Sta. 35+85.49 to Sta. 77+32.51 Line "A"
Sta. 85+68.50 to Sta. 124+00.00 Line "A"



Roundabout Section
Sta. 77+32.51 to Sta. 85+68.50 Line "A"



CONSTRUCTION ZONE DESIGN SPEED: 45 MPH

Constructed in Current Phase
Type III Barricade
Drum
Temp Traffic Barrier, Type 2
Construction Sign
(T1) Temporary Pavement Marking, 4 in., Yellow, Solid
(T2) Temporary Pavement Marking, 4 in., White, Solid
Traffic Flow Arrow
Line Removal

CONSTRUCTION SEQUENCE - PHASE 1B

1. Close southbound lanes on CR 600 W
2. Construct widening, shoulder, and roundabout on west side of CR 600 W
3. Access Drives must be maintained at all times.

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

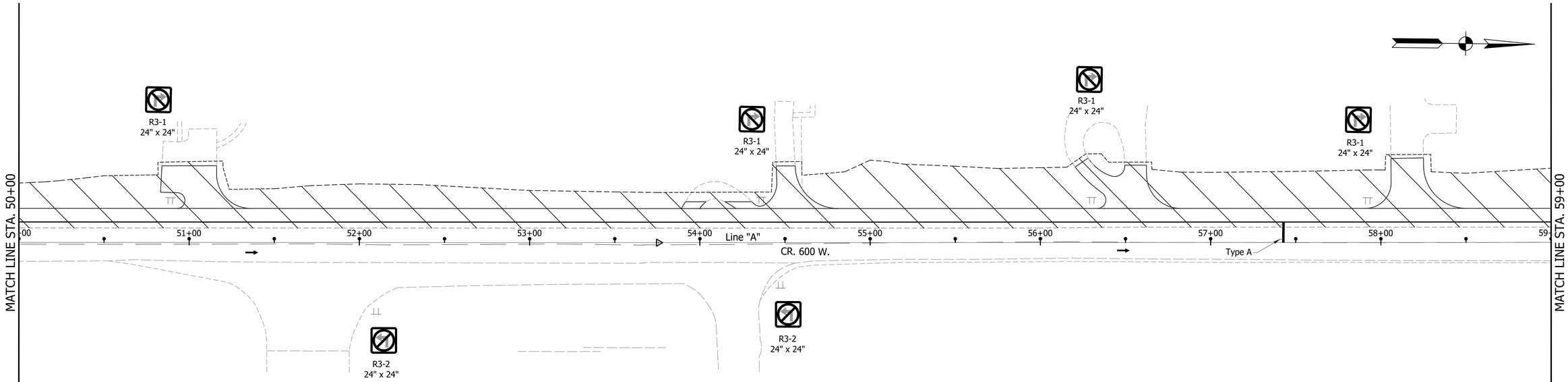
RECOMMENDED FOR APPROVAL
G R. Wendling 08/11/2023
DESIGN ENGINEER

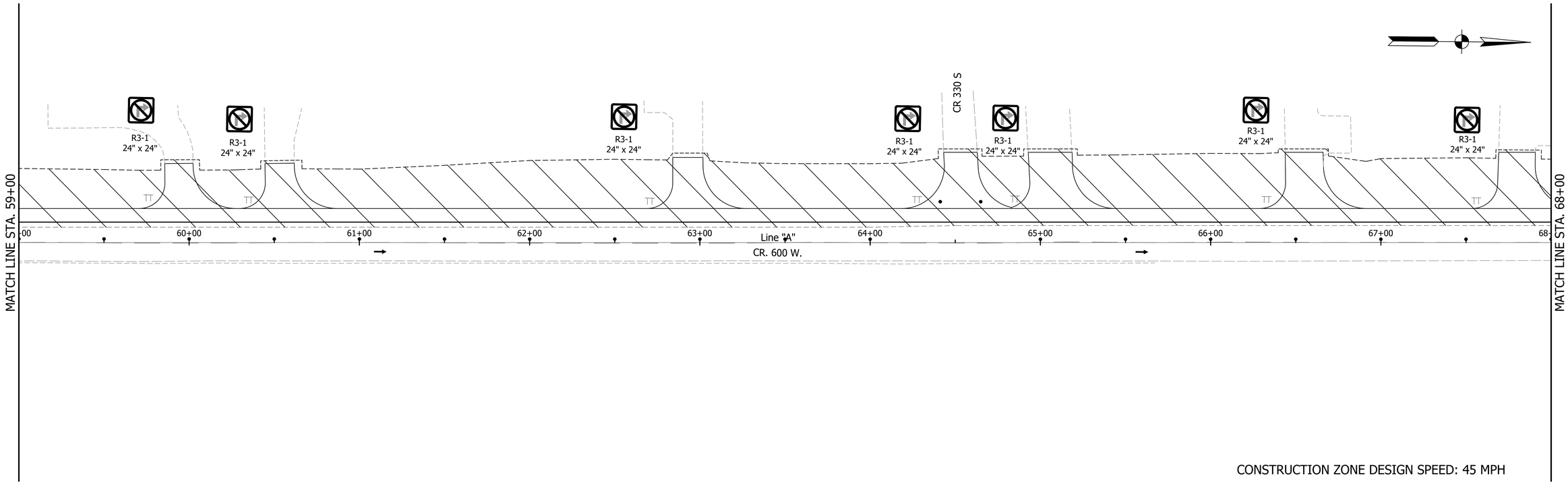
DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
CR 600 W PHASE 1B

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940
SURVEY BOOK	SHEETS
	26 of 214
CONTRACT	PROJECT
R-41989	1802940





CONSTRUCTION ZONE DESIGN SPEED: 45 MPH

Constructed in Current Phase
Type III Barricade
Drum
Temp Traffic Barrier, Type 2

TT Construction Sign
T1 Temporary Pavement Marking, 4 in., Yellow, Solid
T2 Temporary Pavement Marking, 4 in., White, Solid

Traffic Flow Arrow
Line Removal

CONSTRUCTION SEQUENCE - PHASE 1B

1. Close southbound lanes on CR 600 W
2. Construct widening, shoulder, and roundabout on west side of CR 600 W
3. Access Drives must be maintained at all times.

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

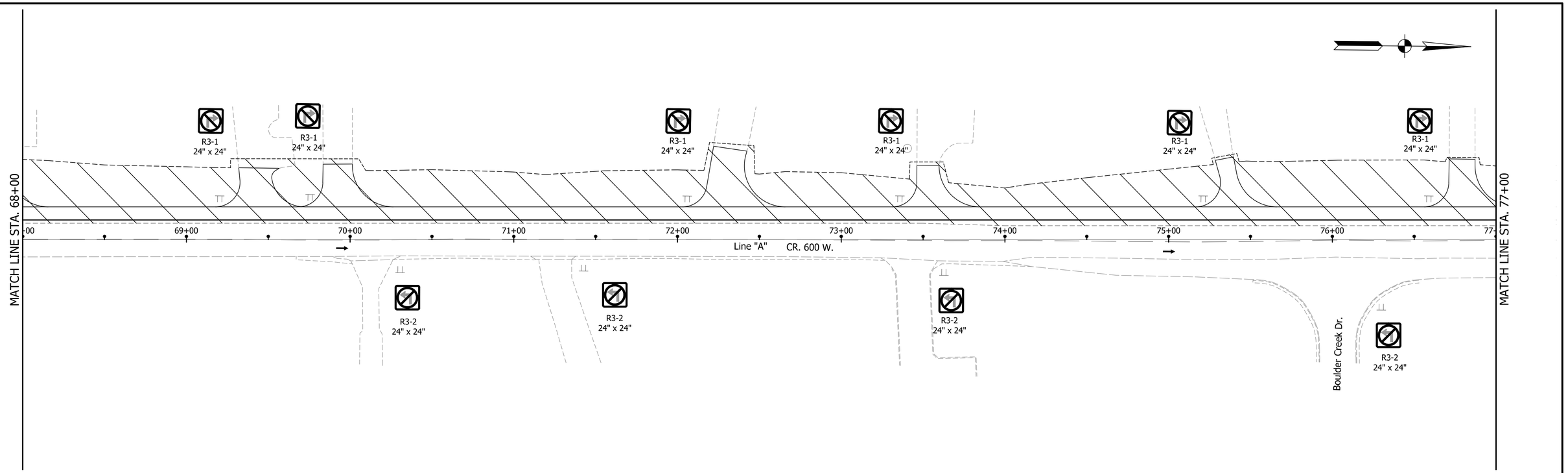
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER 08/11/2023

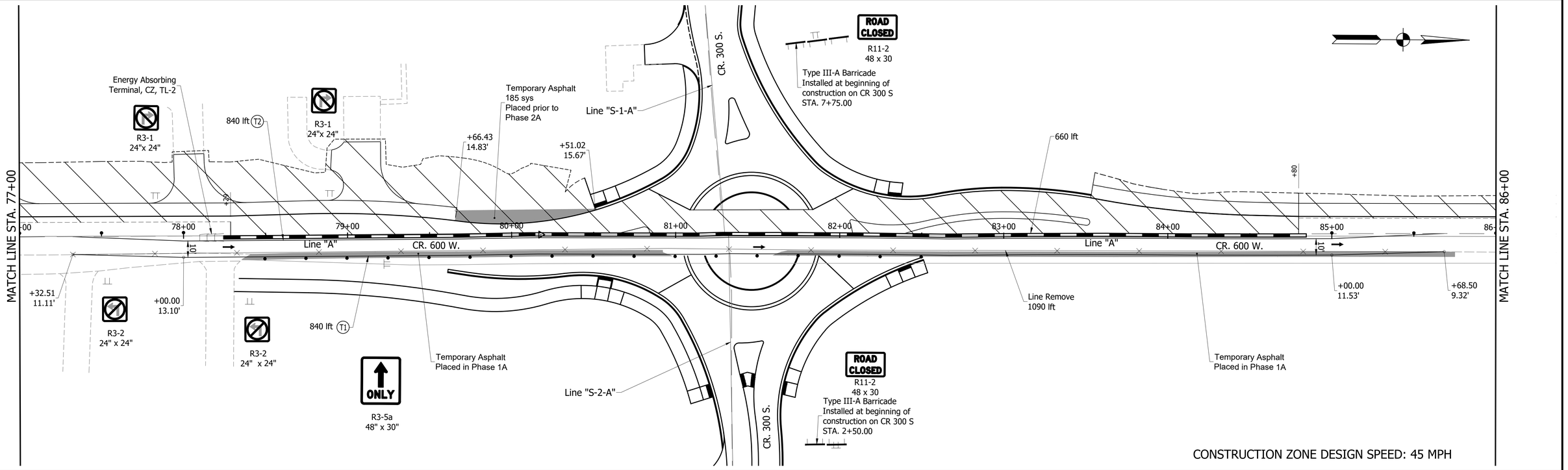
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CHECKED: GRW CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
CR 600 W PHASE 1B

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940
SURVEY BOOK	SHEETS
	27 of 214
CONTRACT	PROJECT
R-41989	1802940





Constructed in Current Phase
Type III Barricade
Drum
Temp Traffic Barrier, Type 2
Construction Sign
T1 Temporary Pavement Marking, 4 in., Yellow, Solid
T2 Temporary Pavement Marking, 4 in., White, Solid
Traffic Flow Arrow
Line Removal

CONSTRUCTION SEQUENCE - PHASE 1B

1. Close southbound lanes on CR 600 W
2. Construct widening, shoulder, and roundabout on west side of CR 600 W
3. Access Drives must be maintained at all times.

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

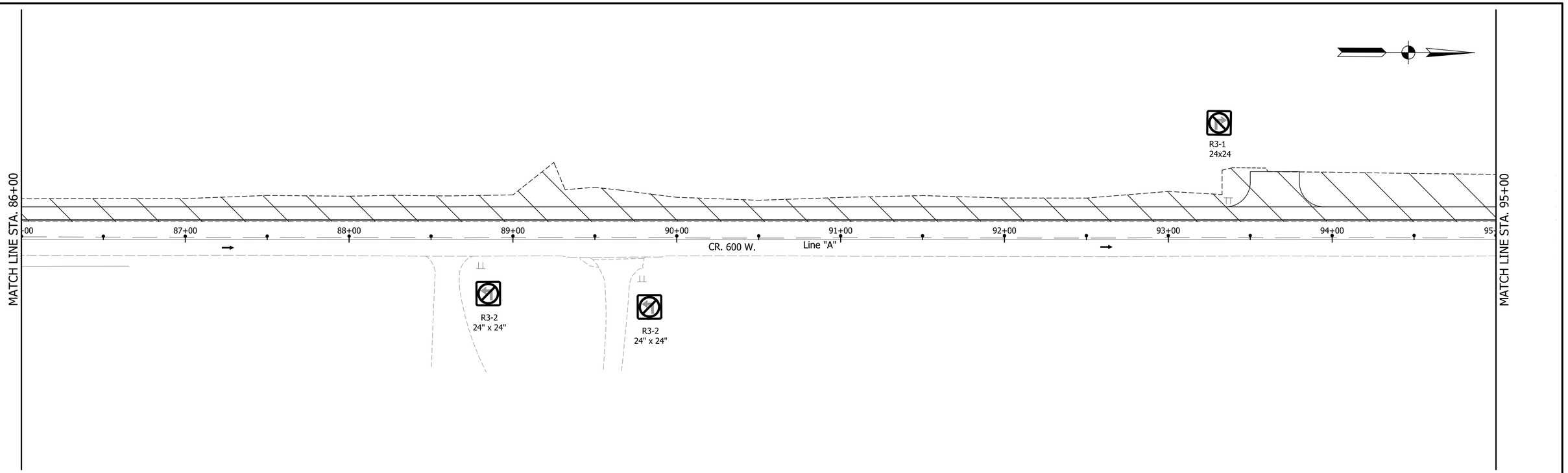
RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

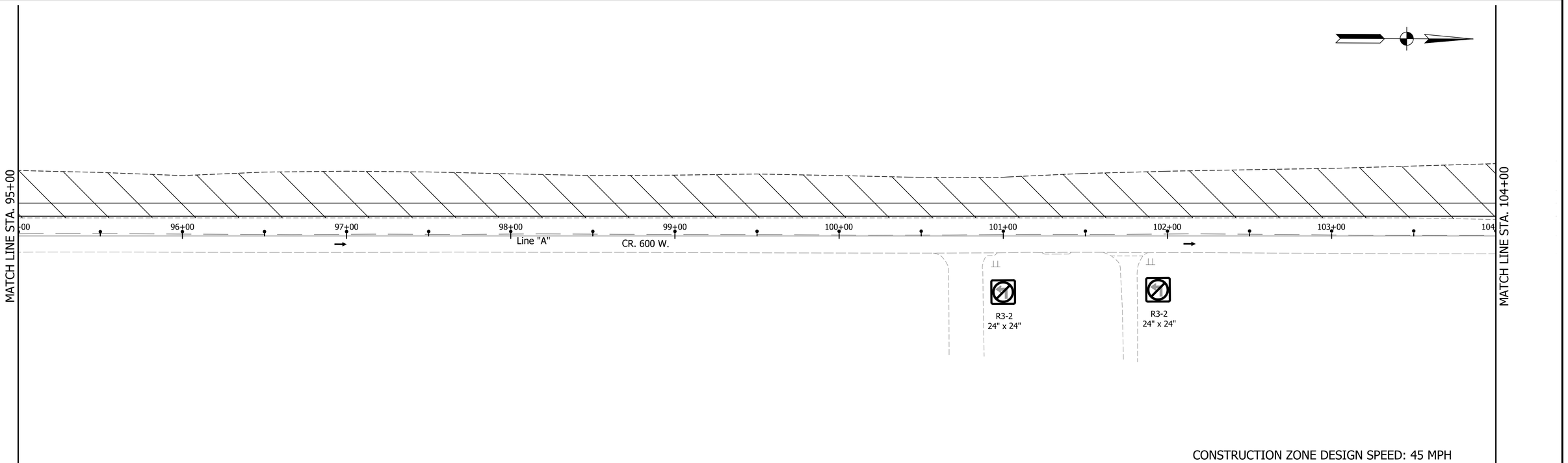
DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
CR 600 W PHASE 1B

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940
SURVEY BOOK	SHEETS
	28 of 214
CONTRACT	PROJECT
R-41989	1802940





CONSTRUCTION ZONE DESIGN SPEED: 45 MPH

Constructed in Current Phase
Type III Barricade
Drum
Temp Traffic Barrier, Type 2

TT Construction Sign
T1 Temporary Pavement Marking, 4 in., Yellow, Solid
T2 Temporary Pavement Marking, 4 in., White, Solid

Traffic Flow Arrow
Line Removal

CONSTRUCTION SEQUENCE - PHASE 1B

1. Close southbound lanes on CR 600 W
2. Construct widening, shoulder, and roundabout on west side of CR 600 W
3. Access Drives must be maintained at all times.

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

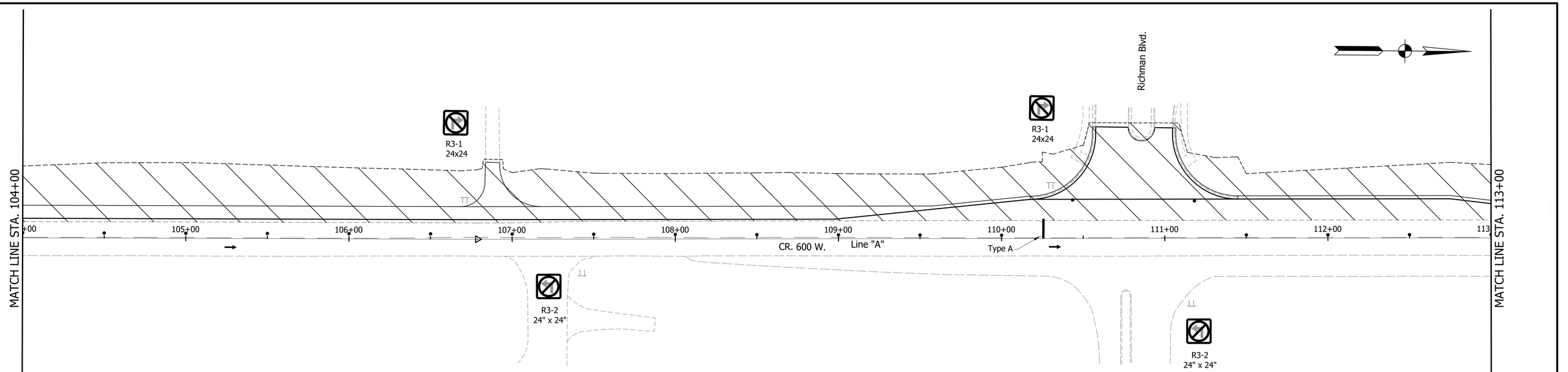
RECOMMENDED FOR APPROVAL
g R. Wendling 08/11/2023
DESIGN ENGINEER

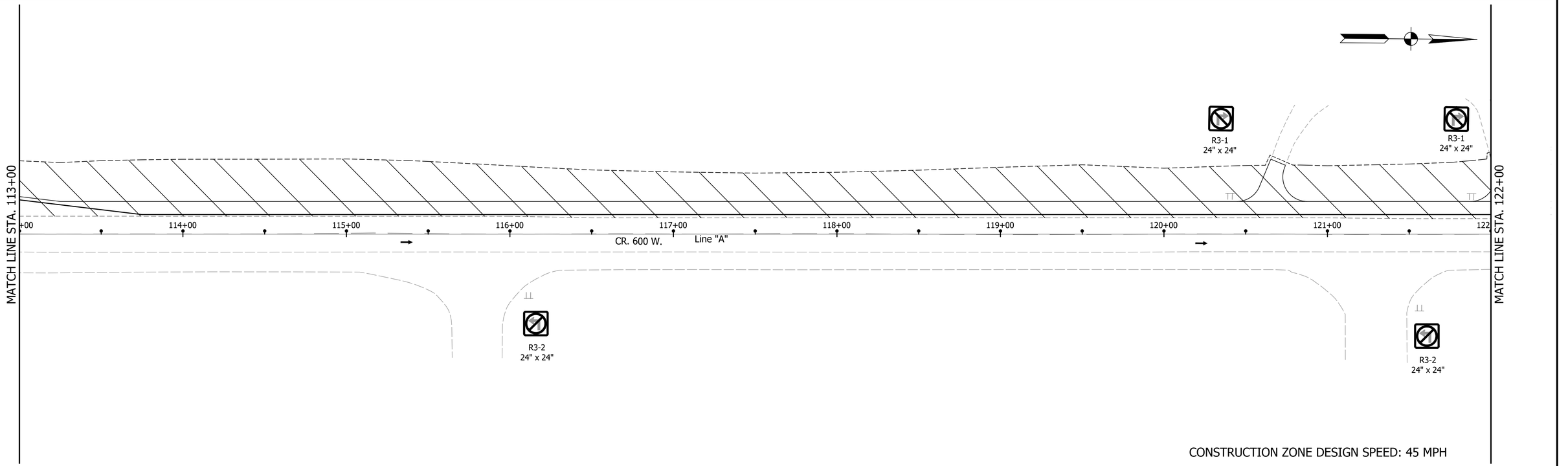
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CHECKED: GRW	CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
CR 600 W PHASE 1B

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940
SURVEY BOOK	SHEETS
	29 of 214
CONTRACT	PROJECT
R-41989	1802940





CONSTRUCTION ZONE DESIGN SPEED: 45 MPH

Constructed in Current Phase
Type III Barricade
Drum
Temp Traffic Barrier, Type 2
Construction Sign
(T1) Temporary Pavement Marking, 4 in., Yellow, Solid
(T2) Temporary Pavement Marking, 4 in., White, Solid
Traffic Flow Arrow
Line Removal

CONSTRUCTION SEQUENCE - PHASE 1B

1. Close southbound lanes on CR 600 W
2. Construct widening, shoulder, and roundabout on west side of CR 600 W
3. Access Drives must be maintained at all times.

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

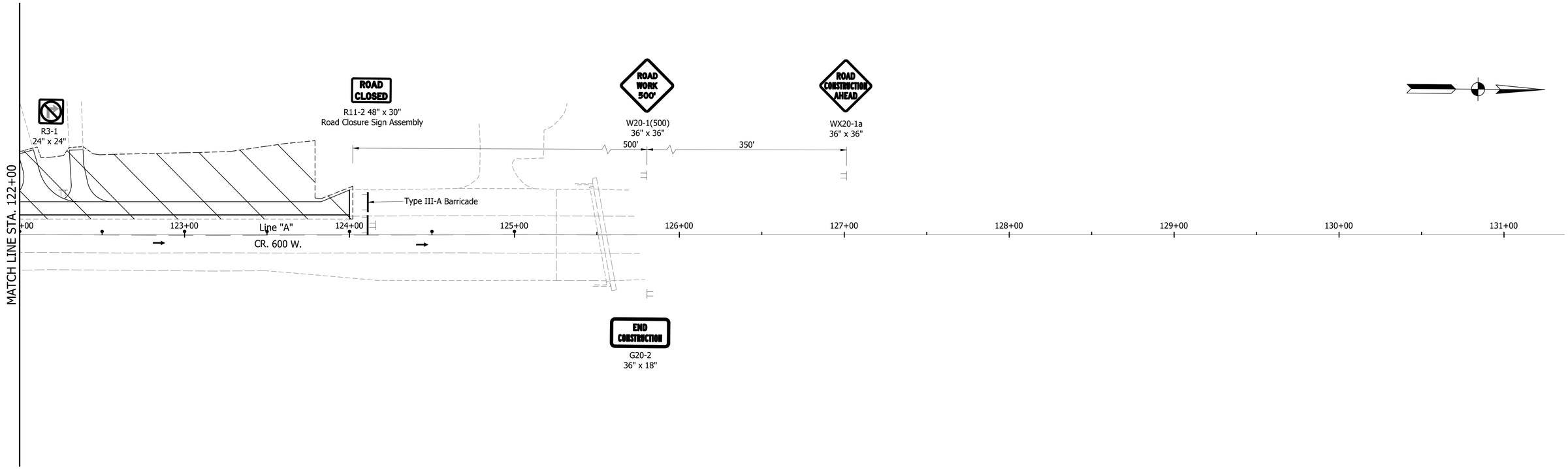
RECOMMENDED FOR APPROVAL
g R. Wendling 08/11/2023
DESIGN ENGINEER

DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
CR 600 W PHASE 1B

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940
SURVEY BOOK	SHEETS
	30 of 214
CONTRACT	PROJECT
R-41989	1802940



CONSTRUCTION ZONE DESIGN SPEED: 45 MPH

Constructed in Current Phase
Type III Barricade
Drum
Temp Traffic Barrier, Type 2

TT Construction Sign
T1 Temporary Pavement Marking, 4 in., Yellow, Solid
T2 Temporary Pavement Marking, 4 in., White, Solid

Traffic Flow Arrow
X Line Removal

CONSTRUCTION SEQUENCE - PHASE 1B

1. Close southbound lanes on CR 600 W
2. Construct widening, shoulder, and roundabout on west side of CR 600 W
3. Access Drives must be maintained at all times.

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

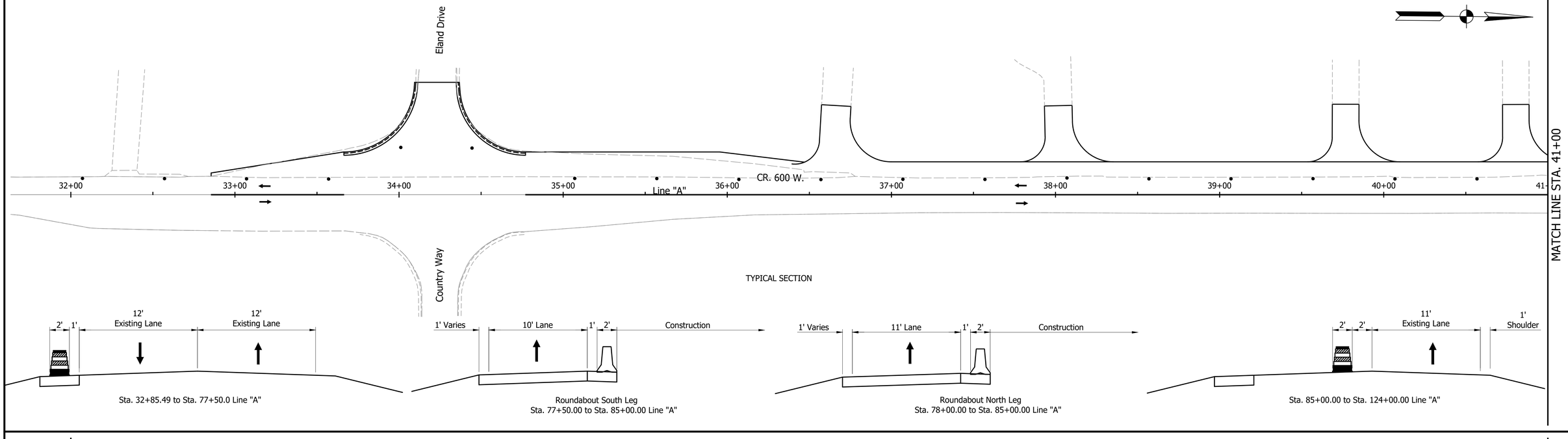
RECOMMENDED FOR APPROVAL
g/R. Wendling 08/11/2023
DESIGN ENGINEER

DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
CR 600 W PHASE 1B

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940
SURVEY BOOK	SHEETS
	31 of 214
CONTRACT	PROJECT
R-41989	1802940



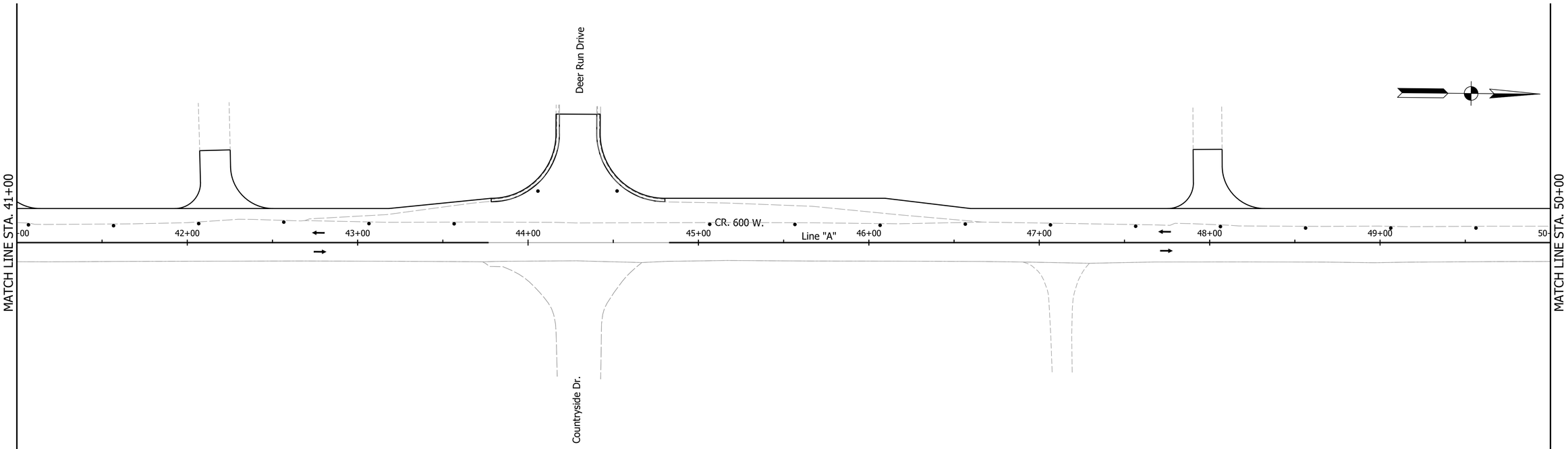
TYPICAL SECTION

Sta. 32+85.49 to Sta. 77+50.0 Line "A"

Roundabout South Leg
Sta. 77+50.00 to Sta. 85+00.00 Line "A"

Roundabout North Leg
Sta. 78+00.00 to Sta. 85+00.00 Line "A"

Sta. 85+00.00 to Sta. 124+00.00 Line "A"



CONSTRUCTION ZONE DESIGN SPEED: 45 MPH

Constructed in Current Phase
Type III Barricade
Drum
Temp Traffic Barrier, Type 2
Construction Sign
(T1) Temporary Pavement Marking, 4 in., Yellow, Solid
(T2) Temporary Pavement Marking, 4 in., White, Solid
Traffic Flow Arrow
Line Removal

CONSTRUCTION SEQUENCE - PHASE 2A

1. Drives south of Station 76+00 Line "A" may travel southbound on CR 600 W.
2. Northbound traffic shifts to west side through previously completed portion of roundabout.
3. Complete remaining full depth portions of roundabout.
4. Access Drives must be maintained at all times.

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

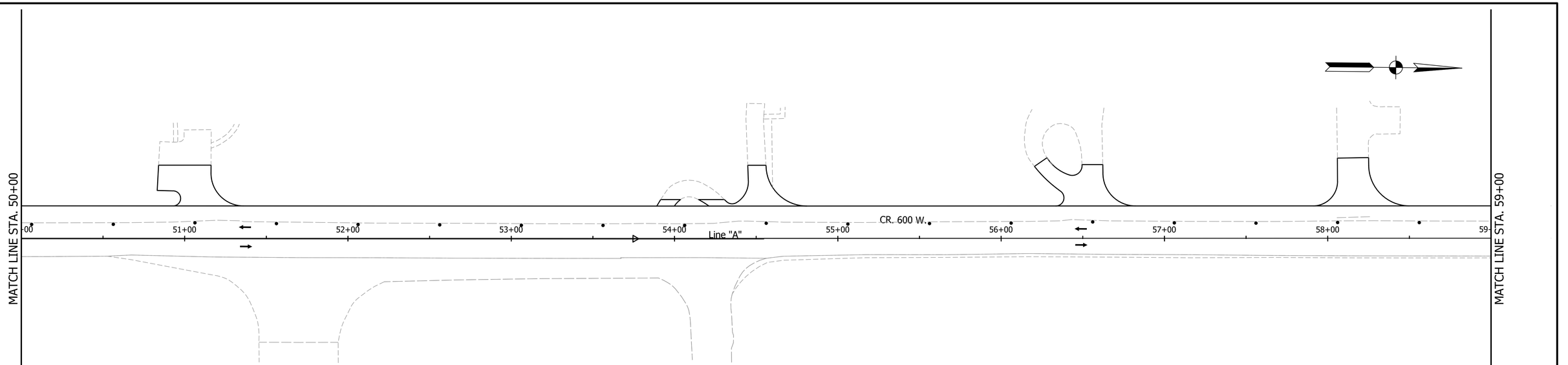
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g R. Wendling 08/11/2023
DESIGN ENGINEER

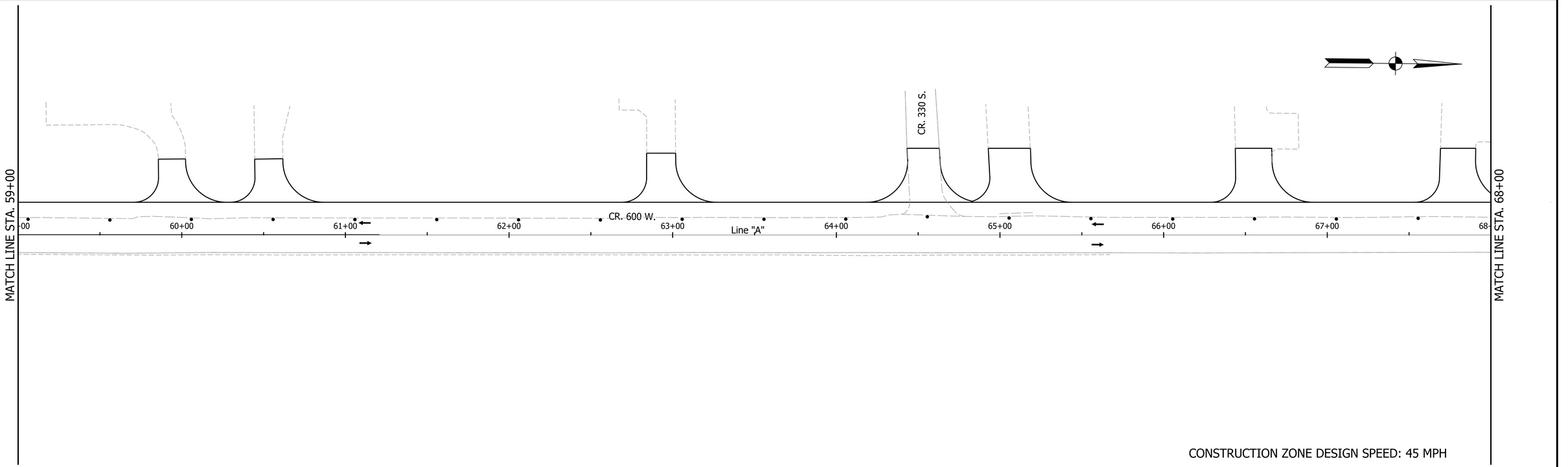
DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
CR 600 W PHASE 2A

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940
SURVEY BOOK	SHEETS
	32 of 214
CONTRACT	PROJECT
R-41989	1802940





CONSTRUCTION ZONE DESIGN SPEED: 45 MPH

Constructed in Current Phase
Type III Barricade
Drum
Temp Traffic Barrier, Type 2

Construction Sign
(T1) Temporary Pavement Marking, 4 in., Yellow, Solid
(T2) Temporary Pavement Marking, 4 in., White, Solid

Traffic Flow Arrow
Line Removal

CONSTRUCTION SEQUENCE - PHASE 2A

1. Drives south of Station 76+00 Line "A" may travel southbound on CR 600 W.
2. Northbound traffic shifts to west side through previously completed portion of roundabout.
3. Complete remaining full depth portions of roundabout.
4. Access Drives must be maintained at all times.

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

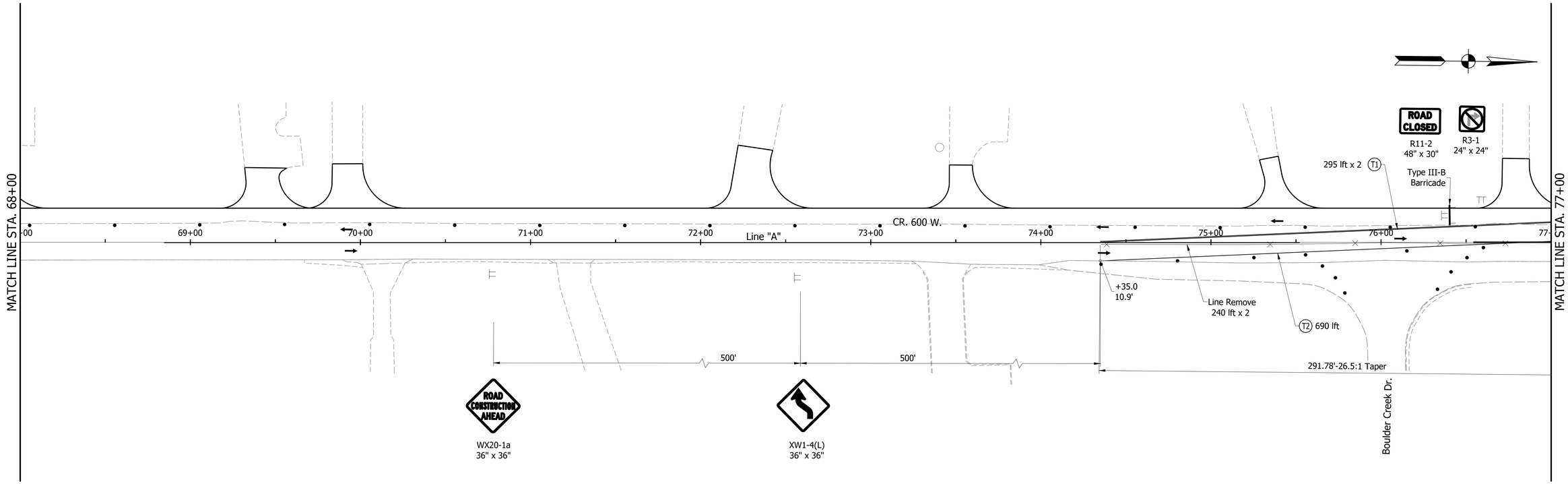
RECOMMENDED FOR APPROVAL
g/R. Wendling 08/11/2023
DESIGN ENGINEER

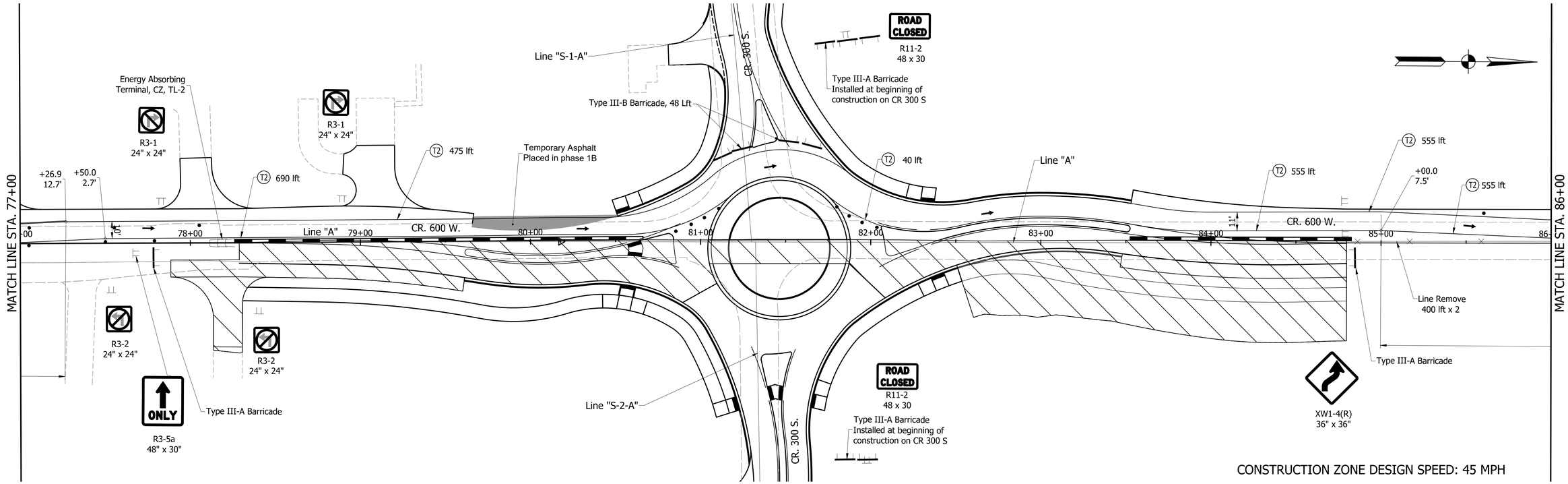
DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
CR 600 W PHASE 2A

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940
SURVEY BOOK	SHEETS
	33 of 214
CONTRACT	PROJECT
R-41989	1802940





CONSTRUCTION ZONE DESIGN SPEED: 45 MPH

Constructed in Current Phase
Type III Barricade
Drum
Temp Traffic Barrier, Type 2
Construction Sign
T1 Temporary Pavement Marking, 4 in., Yellow, Solid
T2 Temporary Pavement Marking, 4 in., White, Solid
Traffic Flow Arrow
Line Removal

CONSTRUCTION SEQUENCE - PHASE 2A

1. Drives south of Station 76+00 Line "A" may travel southbound on CR 600 W.
2. Northbound traffic shifts to west side through previously completed portion of roundabout.
3. Complete remaining full depth portions of roundabout.
4. Access Drives must be maintained at all times.

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

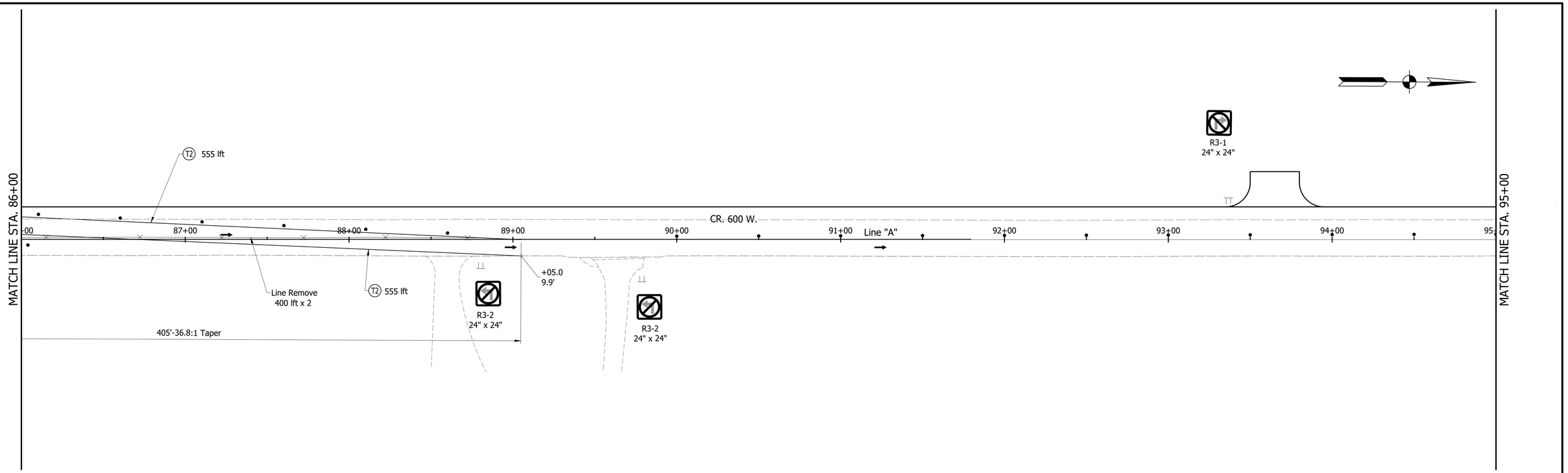
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G R. Wendling 08/11/2023
DESIGN ENGINEER

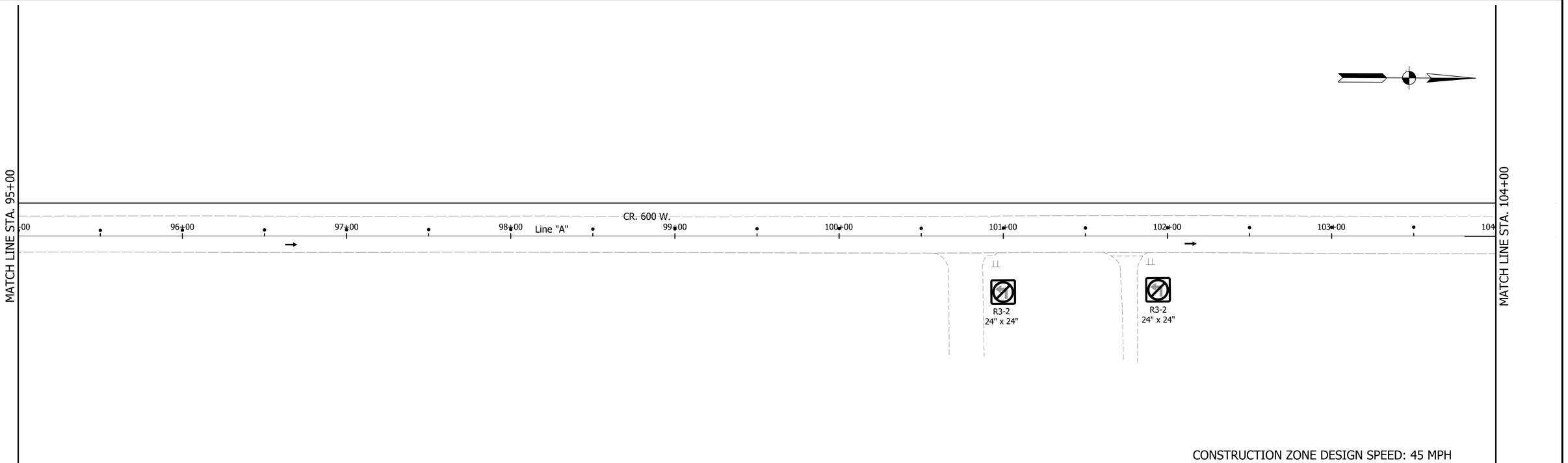
DESIGNED:	PEC	DRAWN:	PEC
CHECKED:	GRW	CHECKED:	GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
CR 600 W PHASE 2A

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940
SURVEY BOOK	SHEETS
	34 of 214
CONTRACT	PROJECT
R-41989	1802940





CONSTRUCTION ZONE DESIGN SPEED: 45 MPH

Constructed in Current Phase
Type III Barricade
Drum
Temp Traffic Barrier, Type 2
Construction Sign
T1 Temporary Pavement Marking, 4 in., Yellow, Solid
T2 Temporary Pavement Marking, 4 in., White, Solid
Traffic Flow Arrow
Line Removal

CONSTRUCTION SEQUENCE - PHASE 2A

1. Drives south of Station 76+00 Line "A" may travel southbound on CR 600 W.
2. Northbound traffic shifts to west side through previously completed portion of roundabout.
3. Complete remaining full depth portions of roundabout.
4. Access Drives must be maintained at all times.

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

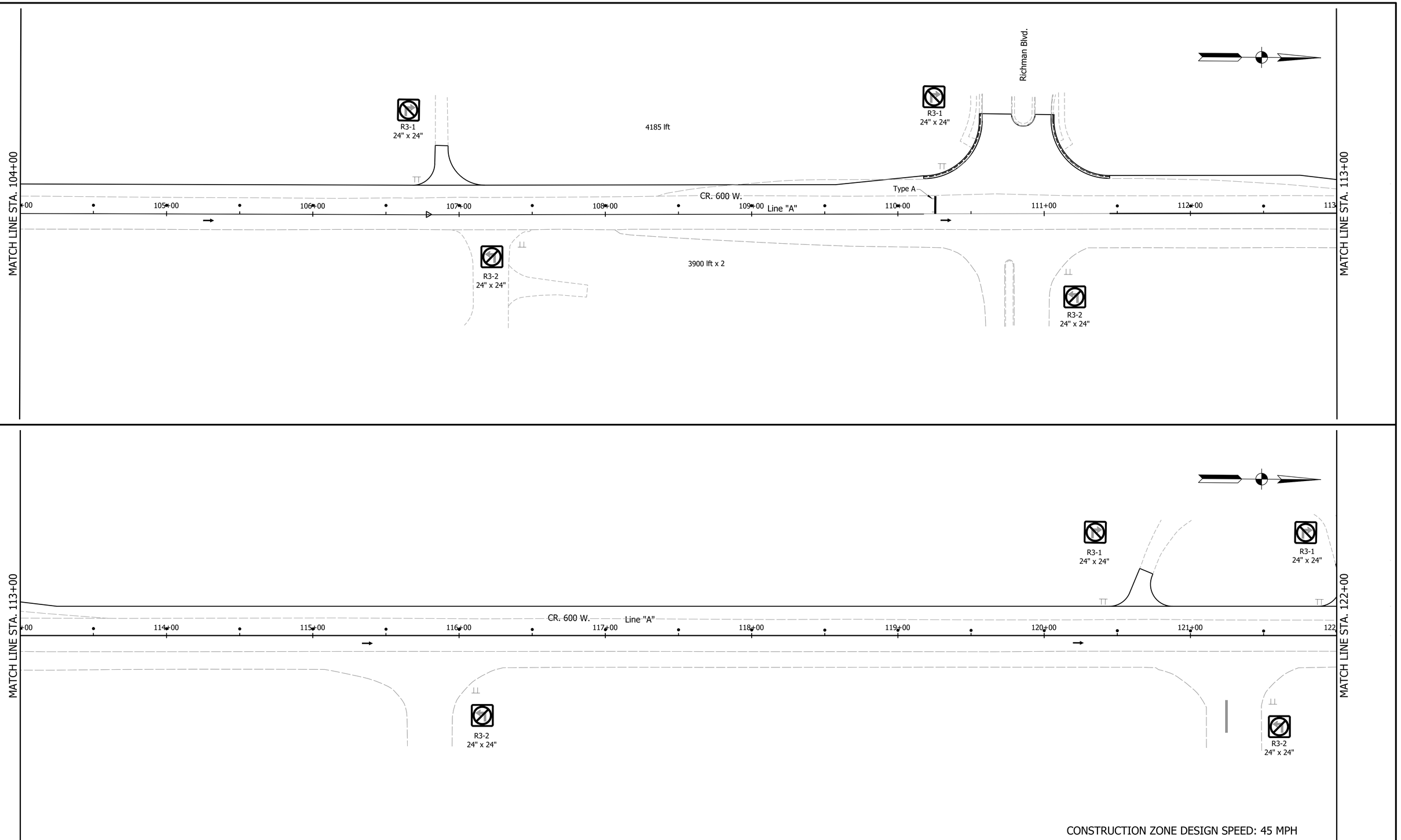
RECOMMENDED FOR APPROVAL
G R. Wendling 08/11/2023
DESIGN ENGINEER

DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
CR 600 W PHASE 2A

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940
SURVEY BOOK	SHEETS
	35 of 214
CONTRACT	PROJECT
R-41989	1802940



CONSTRUCTION ZONE DESIGN SPEED: 45 MPH

Constructed in Current Phase
Type III Barricade
Drum
Temp Traffic Barrier, Type 2
Construction Sign
(T1) Temporary Pavement Marking, 4 in., Yellow, Solid
(T2) Temporary Pavement Marking, 4 in., White, Solid
Traffic Flow Arrow
Line Removal

CONSTRUCTION SEQUENCE - PHASE 2A

1. Drives south of Station 76+00 Line "A" may travel southbound on CR 600 W.
2. Northbound traffic shifts to west side through previously completed portion of roundabout.
3. Complete remaining full depth portions of roundabout.
4. Access Drives must be maintained at all times.

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

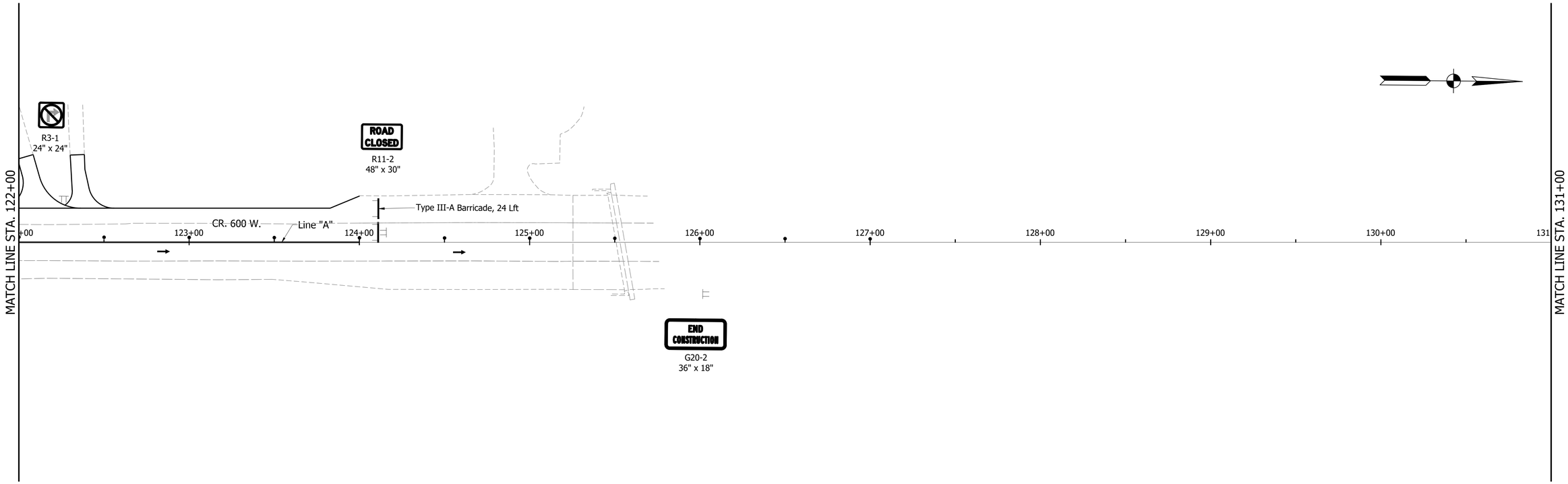
RECOMMENDED FOR APPROVAL
g R. Wendling 08/11/2023
DESIGN ENGINEER

DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
CR 600 W PHASE 2A

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940
SURVEY BOOK	SHEETS
	36 of 214
CONTRACT	PROJECT
R-41989	1802940



CONSTRUCTION ZONE DESIGN SPEED: 45 MPH

Constructed in Current Phase
Type III Barricade
Drum
Temp Traffic Barrier, Type 2

TT Construction Sign
(T1) Temporary Pavement Marking, 4 in., Yellow, Solid
(T2) Temporary Pavement Marking, 4 in., White, Solid

Traffic Flow Arrow
Line Removal

CONSTRUCTION SEQUENCE - PHASE 2A

1. Drives south of Station 76+00 Line "A" may travel southbound on CR 600 W.
2. Northbound traffic shifts to west side through previously completed portion of roundabout.
3. Complete remaining full depth portions of roundabout.
4. Access Drives must be maintained at all times.

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL G R. Wendling 08/11/2023
DESIGN ENGINEER

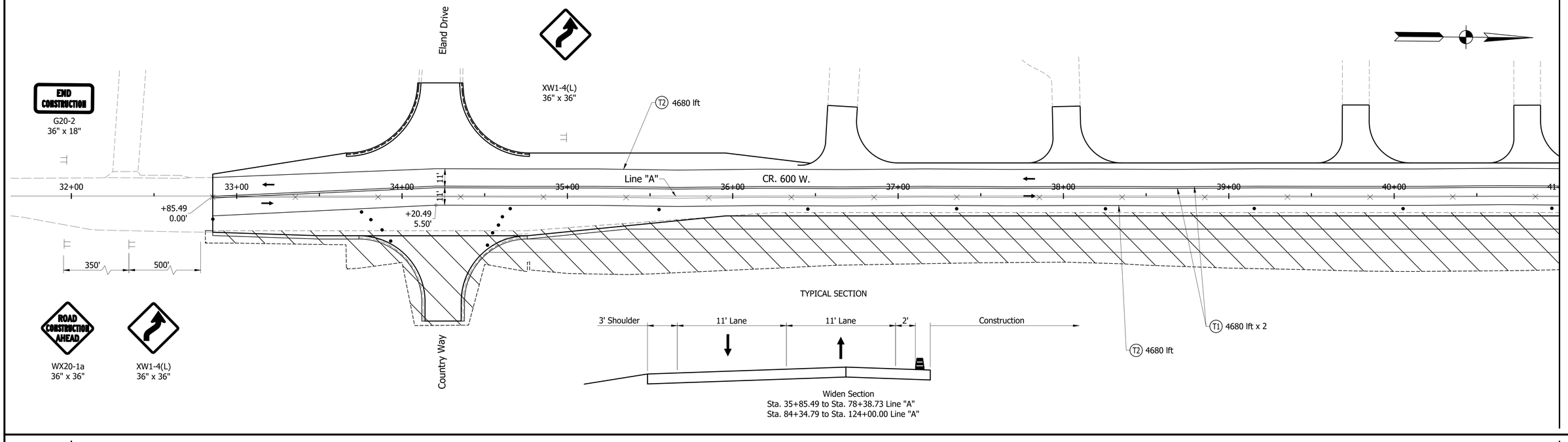
DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

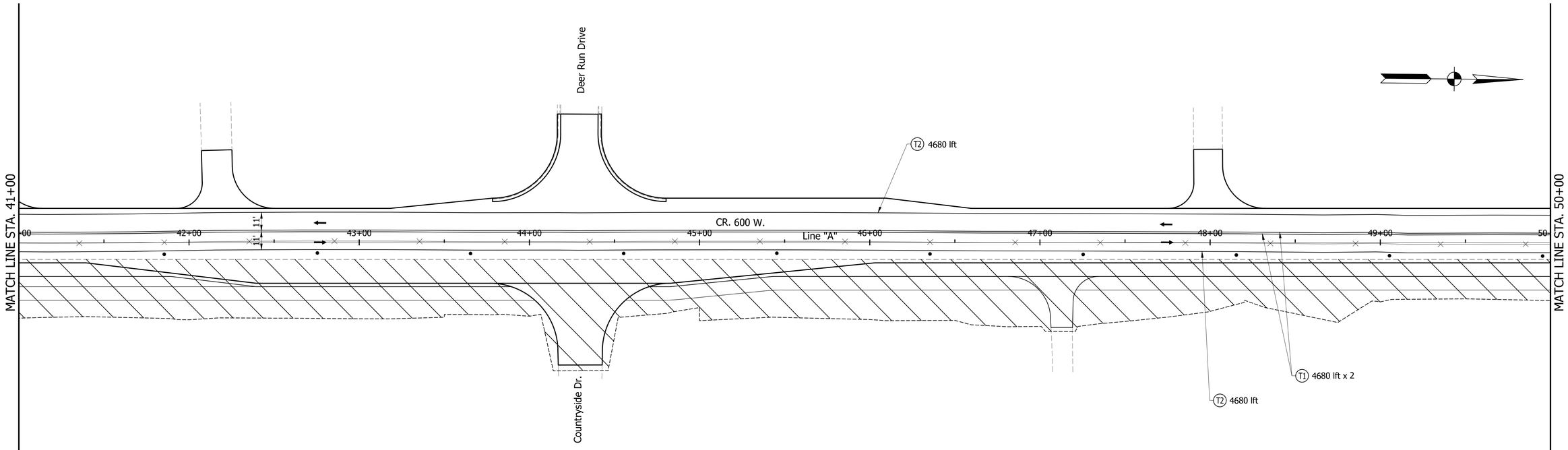
INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
CR 600 W PHASE 2A

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940

SURVEY BOOK	SHEETS
	37 of 214
CONTRACT	PROJECT
R-41989	1802940





CONSTRUCTION ZONE DESIGN SPEED: 45 MPH

Constructed in Current Phase
Type III Barricade
Drum
Temp Traffic Barrier, Type 2
Construction Sign
T1 Temporary Pavement Marking, 4 in., Yellow, Solid
T2 Temporary Pavement Marking, 4 in., White, Solid
Traffic Flow Arrow
Line Removal

CONSTRUCTION SEQUENCE - PHASE 2B

1. Open southbound CR 600 W and CR 300 S.
2. Shift CR 600 W traffic towards new west side shoulder.
3. Construct widening and shoulder on east side of CR 600 W
4. Access Drives must be maintained at all times.

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

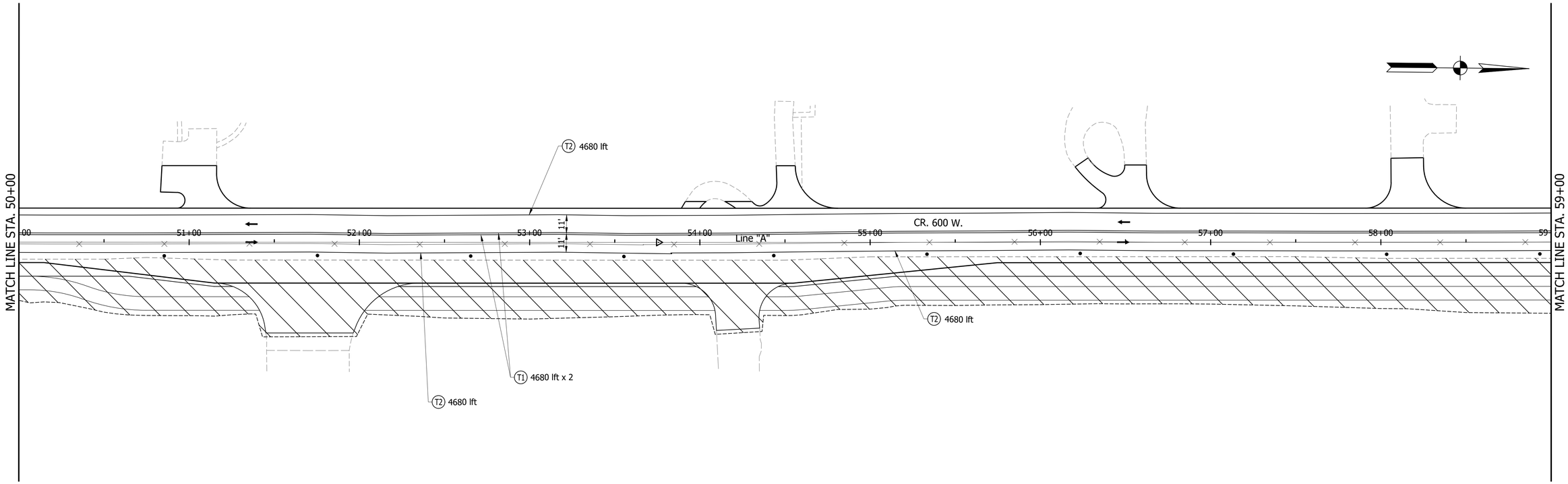
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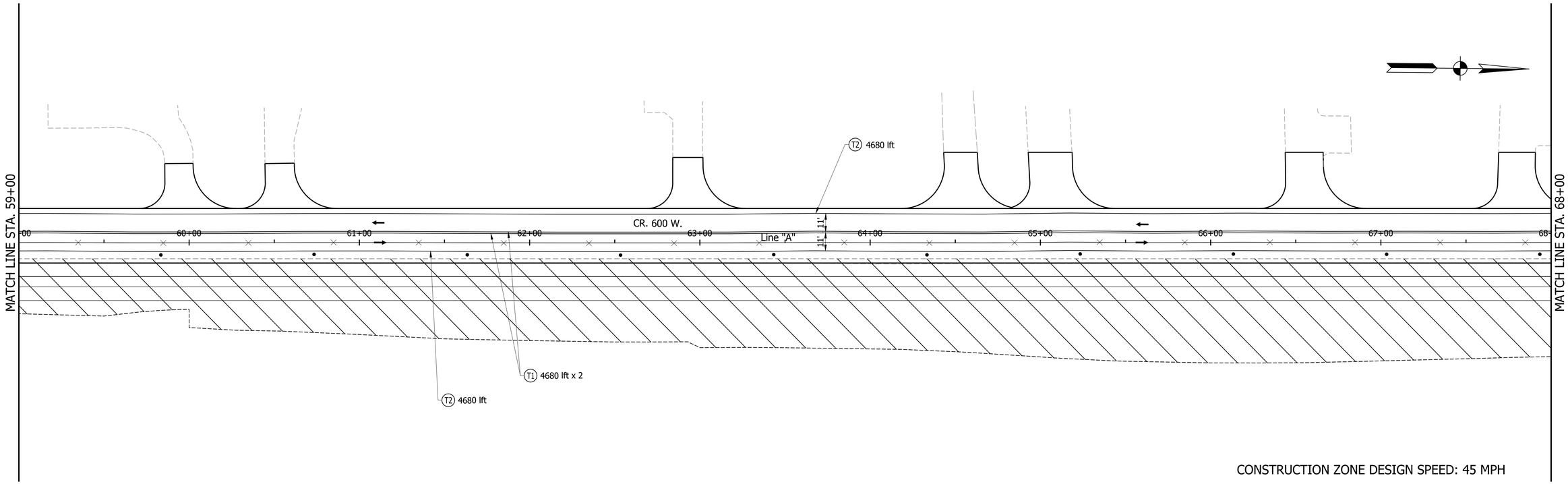
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CHECKED:	GRW	CHECKED:	GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
CR 600 W PHASE 2B

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940
SURVEY BOOK	SHEETS
	38 of 214
CONTRACT	PROJECT
R-41989	1802940





CONSTRUCTION ZONE DESIGN SPEED: 45 MPH

Constructed in Current Phase
Type III Barricade
Drum
Temp Traffic Barrier, Type 2

TT Construction Sign
(T1) Temporary Pavement Marking, 4 in., Yellow, Solid
(T2) Temporary Pavement Marking, 4 in., White, Solid

Traffic Flow Arrow
Line Removal

CONSTRUCTION SEQUENCE - PHASE 2B

1. Open southbound CR 600 W and CR 300 S.
2. Shift CR 600 W traffic towards new west side shoulder.
3. Construct widening and shoulder on east side of CR 600 W
4. Access Drives must be maintained at all times.

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

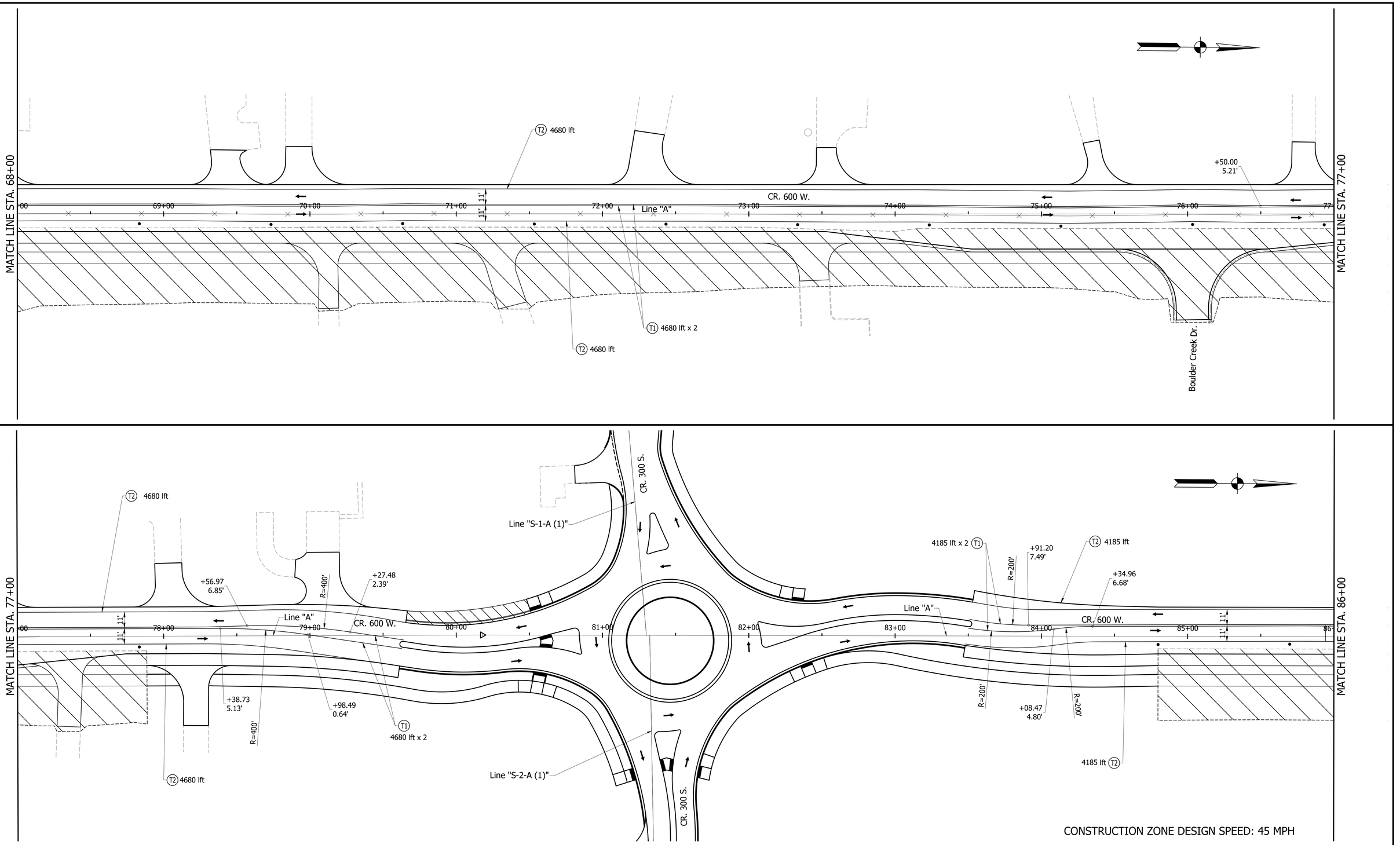
RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED:	PEC	DRAWN:	PEC
CHECKED:	GRW	CHECKED:	GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
CR 600 W PHASE 2B

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940
SURVEY BOOK	SHEETS
	39 of 214
CONTRACT	PROJECT
R-41989	1802940



CONSTRUCTION ZONE DESIGN SPEED: 45 MPH

Constructed in Current Phase
Type III Barricade
Drum
Temp Traffic Barrier, Type 2
Construction Sign
T1 Temporary Pavement Marking, 4 in., Yellow, Solid
T2 Temporary Pavement Marking, 4 in., White, Solid
Traffic Flow Arrow
Line Removal

CONSTRUCTION SEQUENCE - PHASE 2B

1. Open southbound CR 600 W and CR 300 S.
2. Shift CR 600 W traffic towards new west side shoulder.
3. Construct widening and shoulder on east side of CR 600 W
4. Access Drives must be maintained at all times.

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

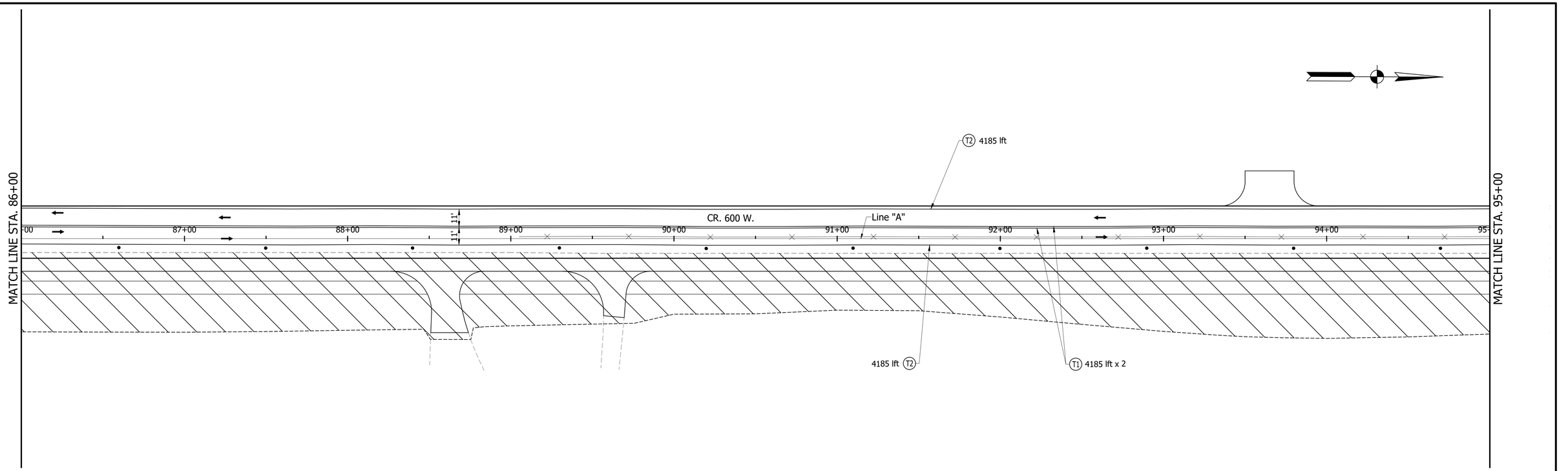
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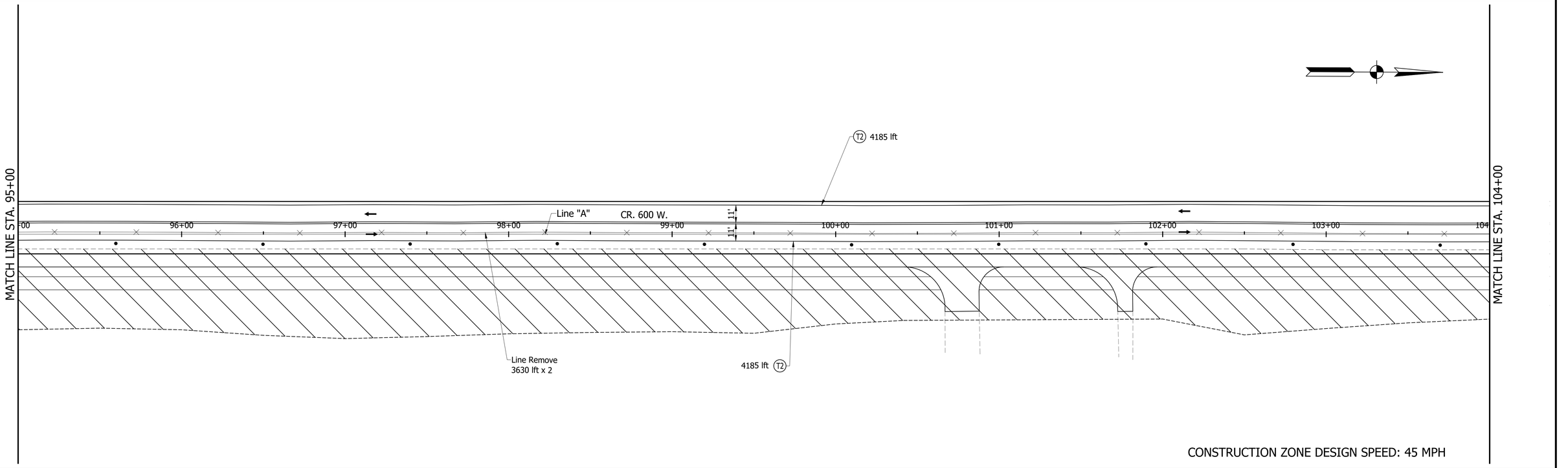
DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
CR 600 W PHASE 2B

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940
SURVEY BOOK	SHEETS
	40 of 214
CONTRACT	PROJECT
R-41989	1802940





CONSTRUCTION ZONE DESIGN SPEED: 45 MPH

Constructed in Current Phase
Type III Barricade
Drum
Temp Traffic Barrier, Type 2
Construction Sign
T1 Temporary Pavement Marking, 4 in., Yellow, Solid
T2 Temporary Pavement Marking, 4 in., White, Solid
Traffic Flow Arrow
Line Removal

CONSTRUCTION SEQUENCE - PHASE 2B

1. Open southbound CR 600 W and CR 300 S.
2. Shift CR 600 W traffic towards new west side shoulder.
3. Construct widening and shoulder on east side of CR 600 W
4. Access Drives must be maintained at all times.

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

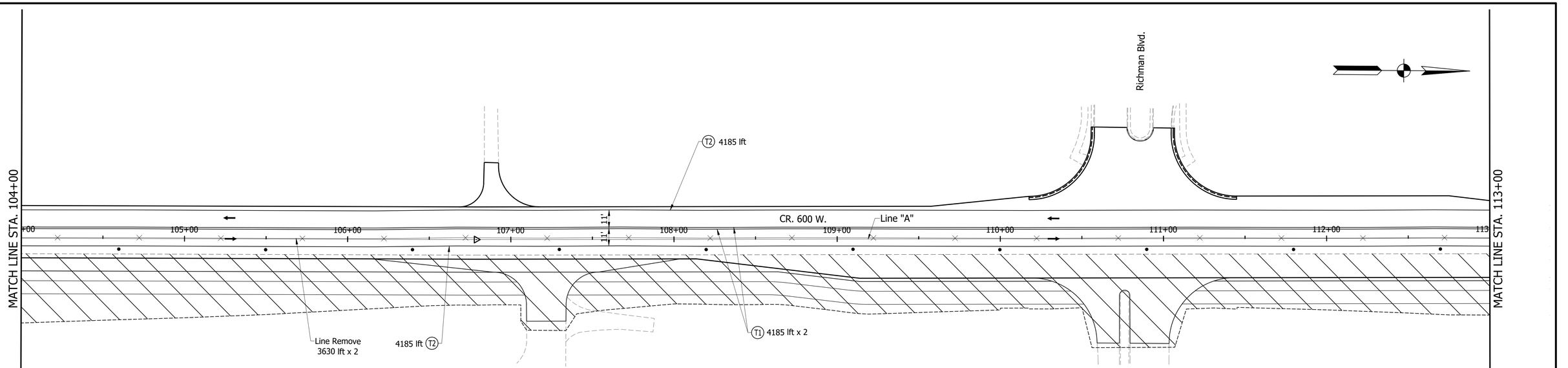
RECOMMENDED FOR APPROVAL
G R. Wendling 08/11/2023
DESIGN ENGINEER

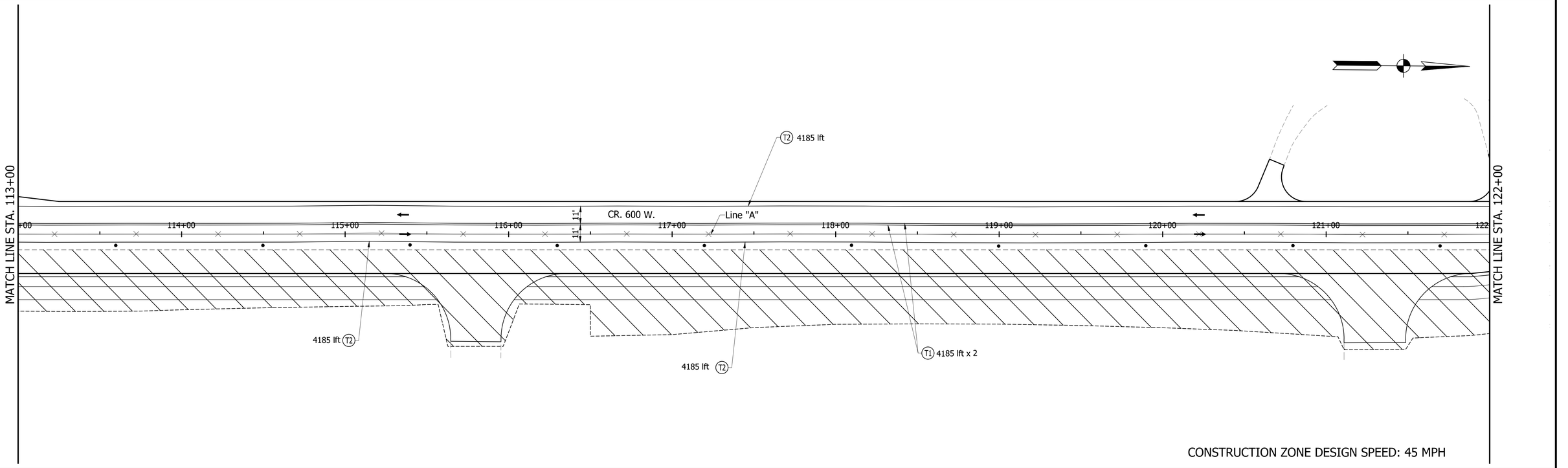
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CHECKED: GRW	CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
CR 600 W PHASE 2B

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940
SURVEY BOOK	SHEETS
	41 of 214
CONTRACT	PROJECT
R-41989	1802940





CONSTRUCTION ZONE DESIGN SPEED: 45 MPH

Constructed in Current Phase
Type III Barricade
Drum
Temp Traffic Barrier, Type 2
Construction Sign
T1 Temporary Pavement Marking, 4 in., Yellow, Solid
T2 Temporary Pavement Marking, 4 in., White, Solid
Traffic Flow Arrow
Line Removal

CONSTRUCTION SEQUENCE - PHASE 2B

1. Open southbound CR 600 W and CR 300 S.
2. Shift CR 600 W traffic towards new west side shoulder.
3. Construct widening and shoulder on east side of CR 600 W
4. Access Drives must be maintained at all times.

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

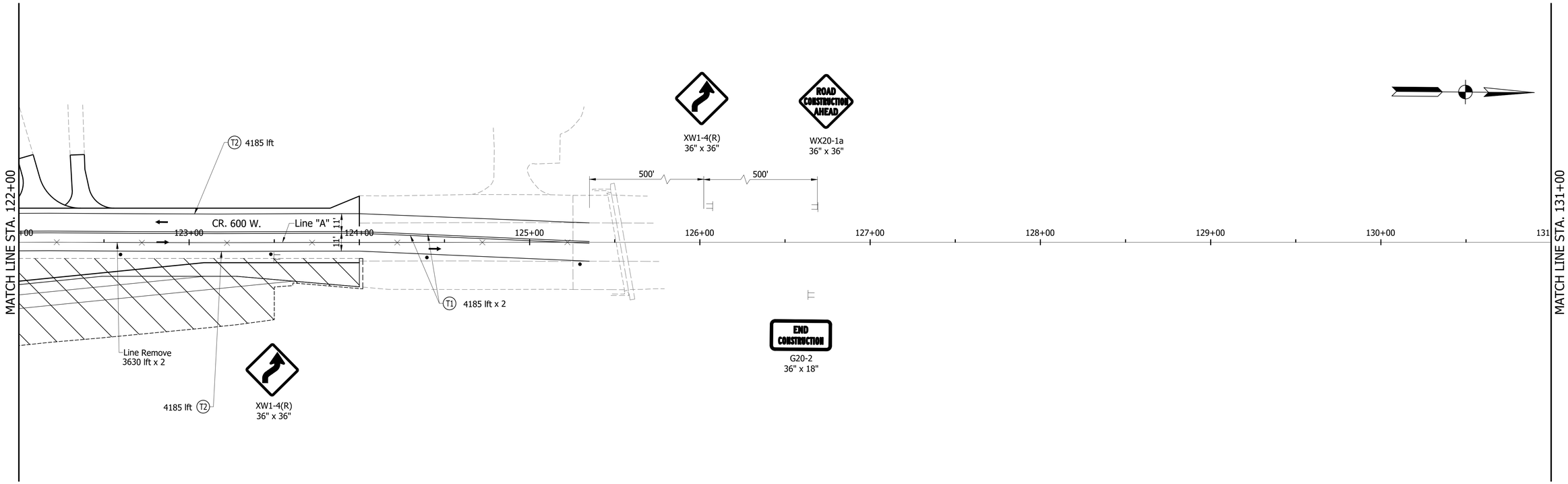
RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
CR 600 W PHASE 2B

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940
SURVEY BOOK	SHEETS
	42 of 214
CONTRACT	PROJECT
R-41989	1802940



CONSTRUCTION ZONE DESIGN SPEED: 45 MPH

Constructed in Current Phase
Type III Barricade
Drum
Temp Traffic Barrier, Type 2

TT Construction Sign
T1 Temporary Pavement Marking, 4 in., Yellow, Solid
T2 Temporary Pavement Marking, 4 in., White, Solid

Traffic Flow Arrow
Line Removal

CONSTRUCTION SEQUENCE - PHASE 2B

1. Open southbound CR 600 W and CR 300 S.
2. Shift CR 600 W traffic towards new west side shoulder.
3. Construct widening and shoulder on east side of CR 600 W
4. Access Drives must be maintained at all times.

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

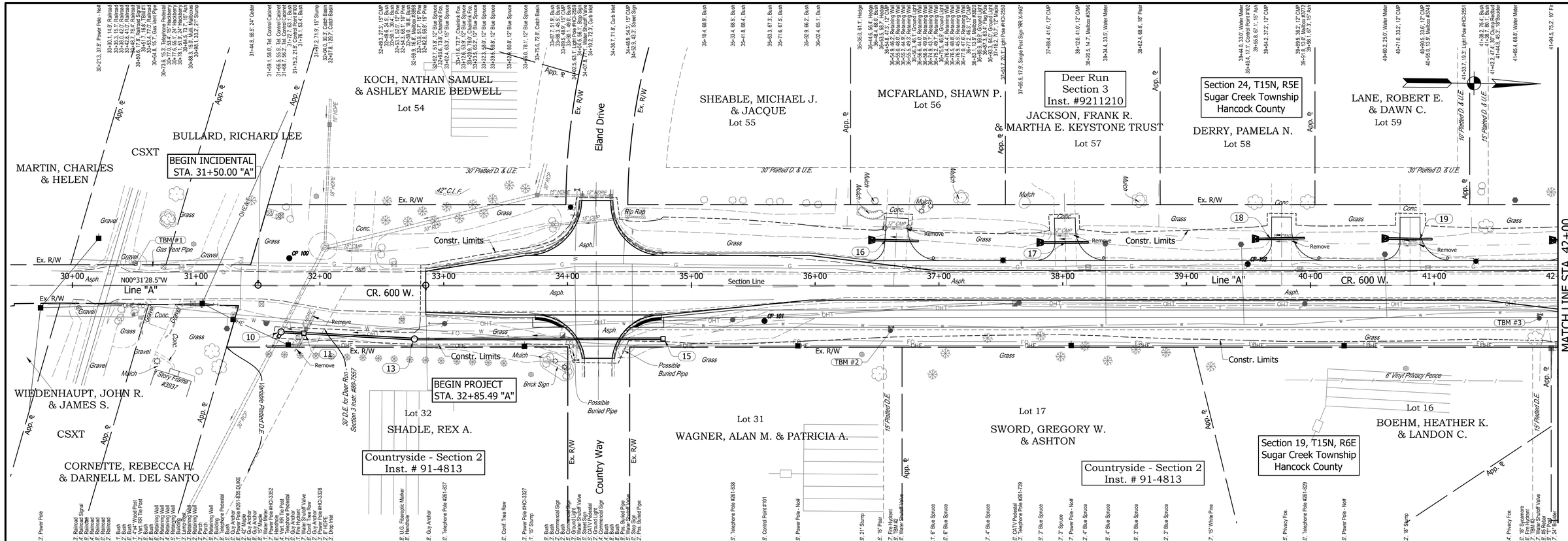
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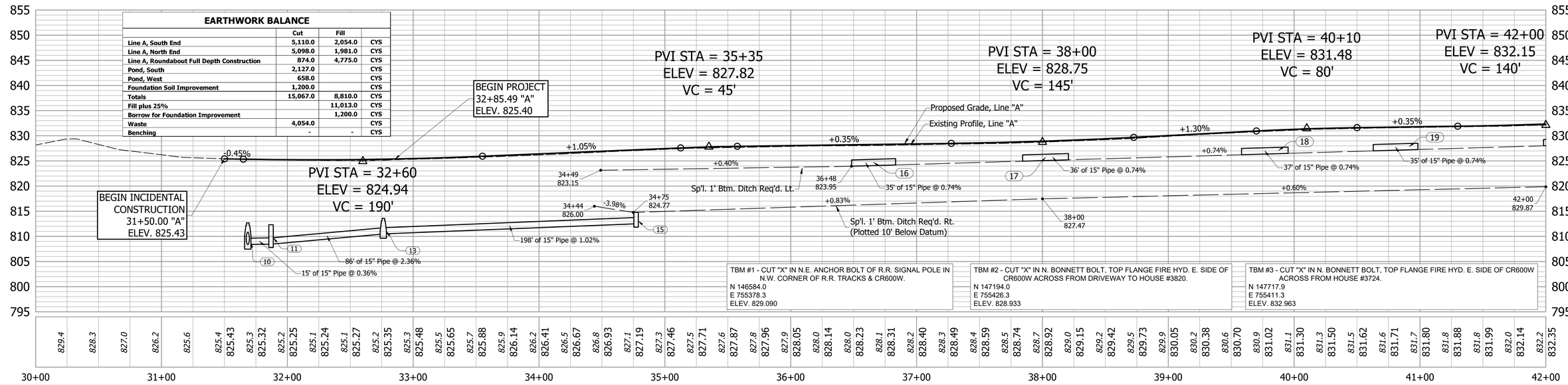
DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
CR 600 W PHASE 2B

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940
SURVEY BOOK	SHEETS
	43 of 214
CONTRACT	PROJECT
R-41989	1802940





GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

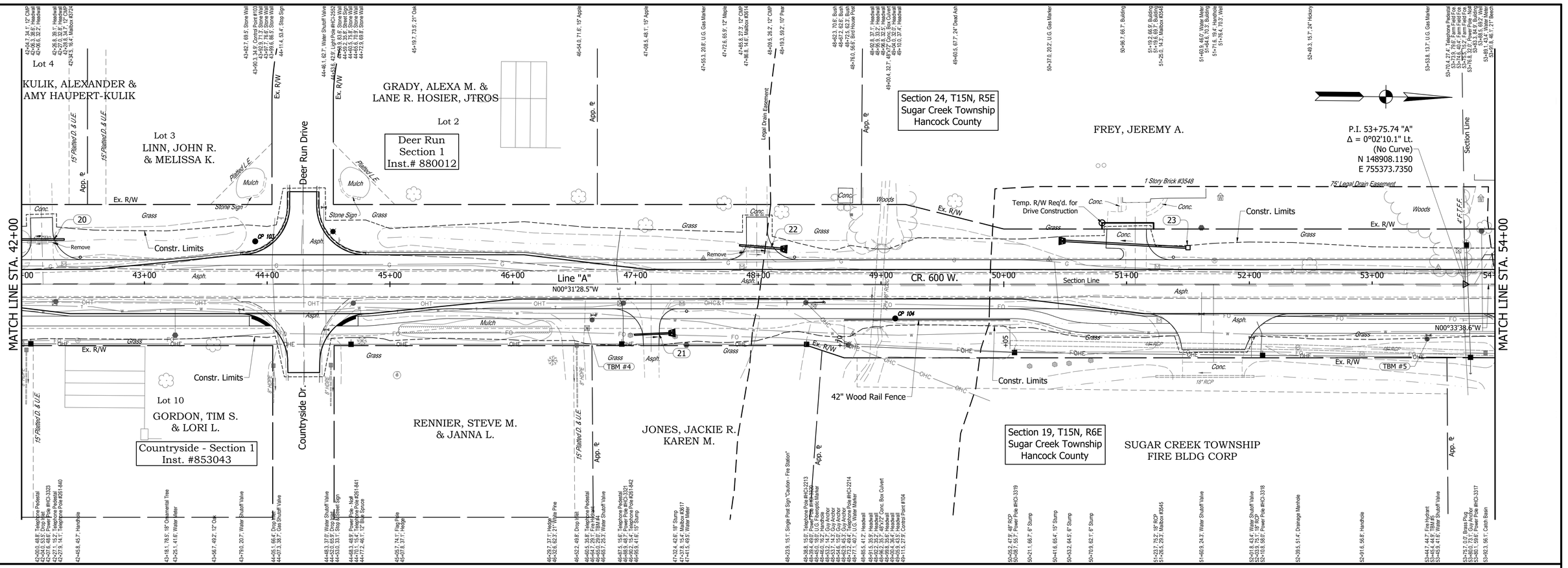
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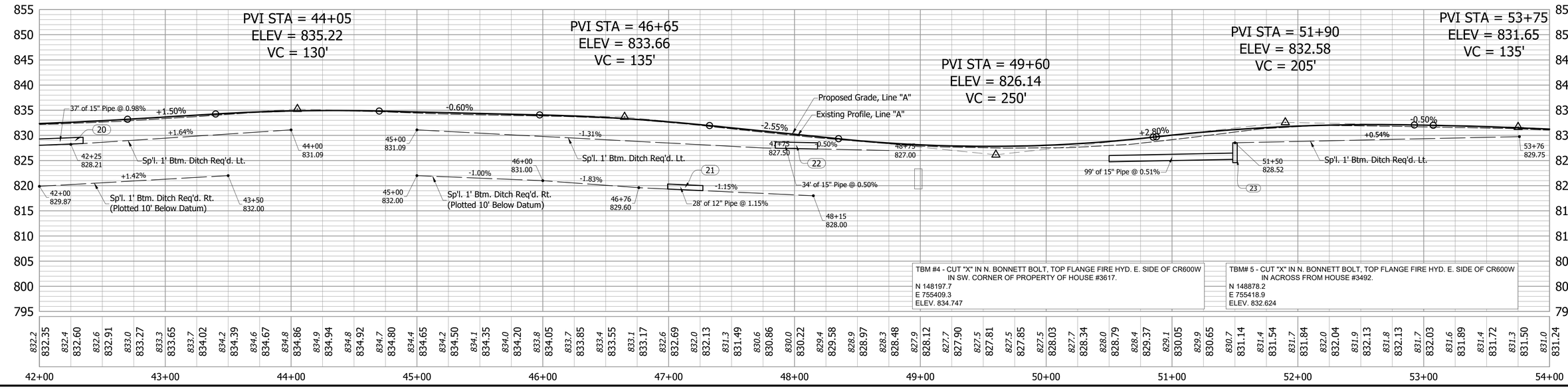
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INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802940
SURVEY BOOK	SHEETS
	44 of 214
CONTRACT	PROJECT
R-41989	1802940





TBM #4 - CUT "X" IN N. BONNETT BOLT, TOP FLANGE FIRE HYD. E. SIDE OF CR600W IN SW. CORNER OF PROPERTY OF HOUSE #3617.
N 148197.7
E 755409.3
ELEV. 834.747

TBM# 5 - CUT "X" IN N. BONNETT BOLT, TOP FLANGE FIRE HYD. E. SIDE OF CR600W IN ACROSS FROM HOUSE #3492.
N 148878.2
E 755418.9
ELEV. 832.624

GREGORY R. WENDLING
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STATE OF INDIANA
PROFESSIONAL ENGINEER

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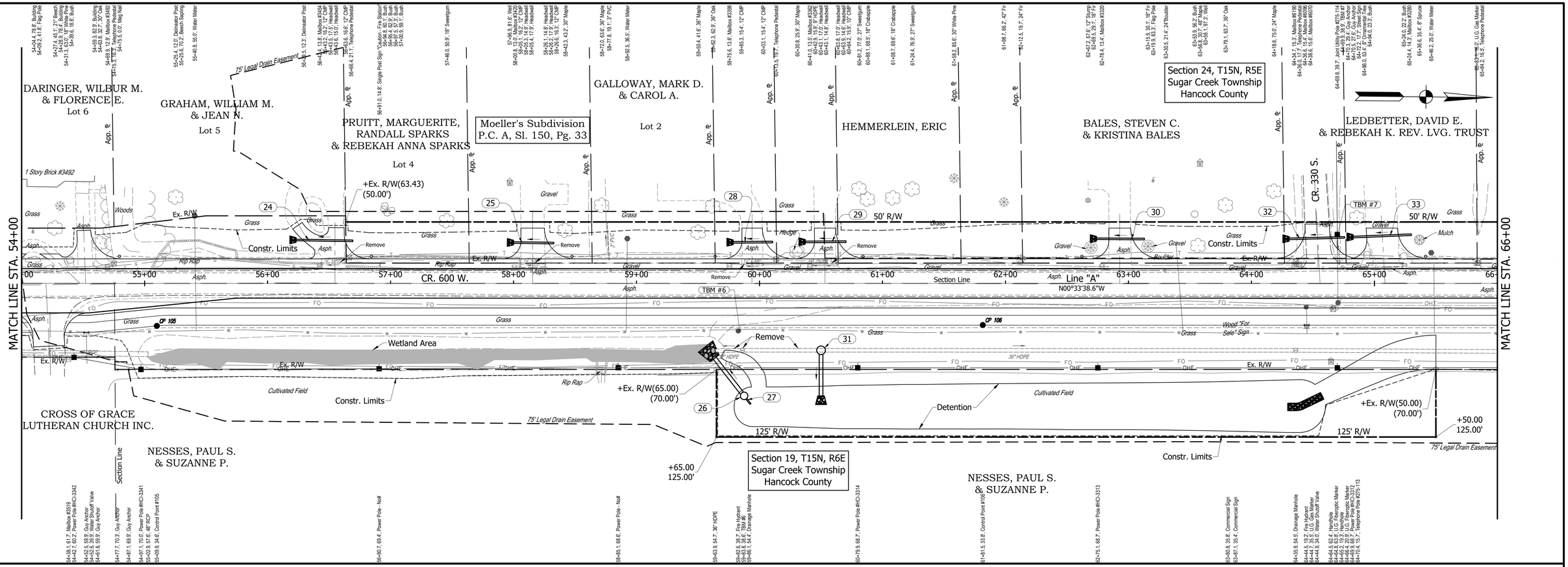
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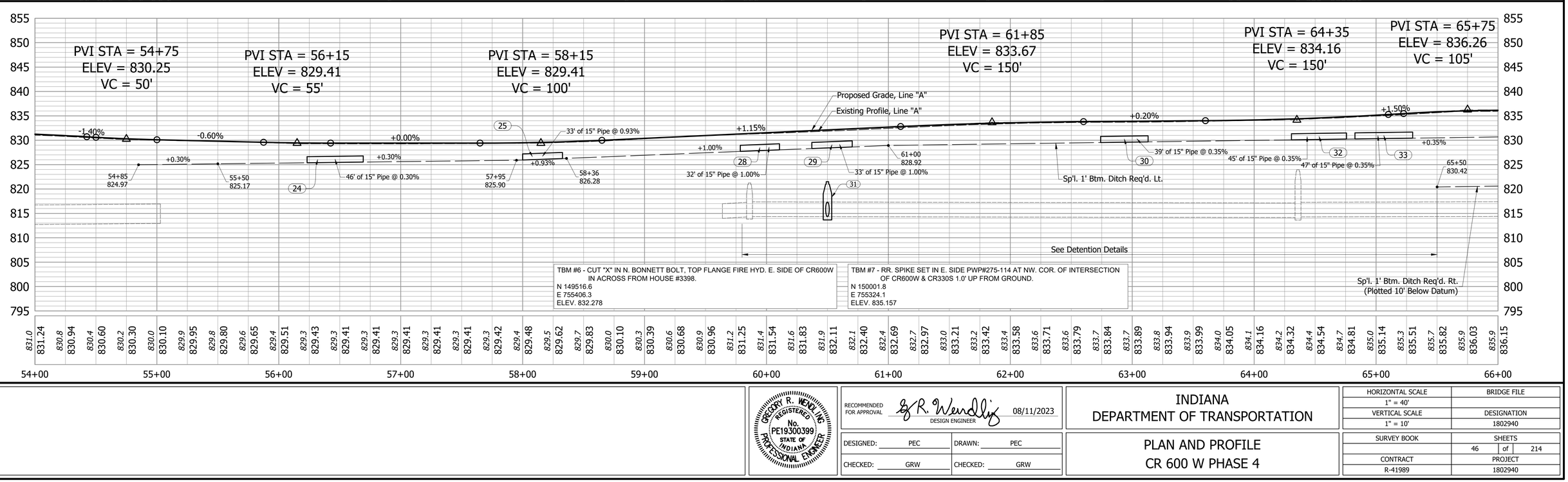
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802940

SURVEY BOOK	SHEETS
	45 of 214
CONTRACT	PROJECT
R-41989	1802940





GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

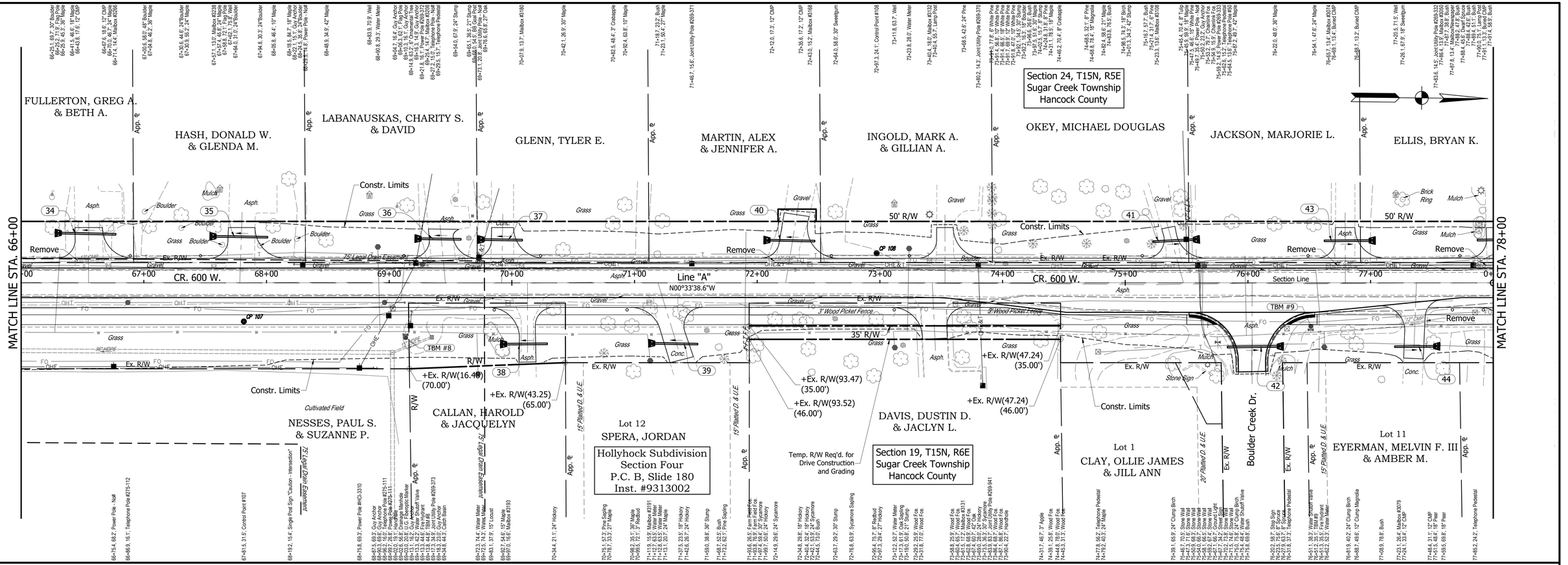
RECOMMENDED FOR APPROVAL G R. Wendling 08/11/2023
DESIGN ENGINEER

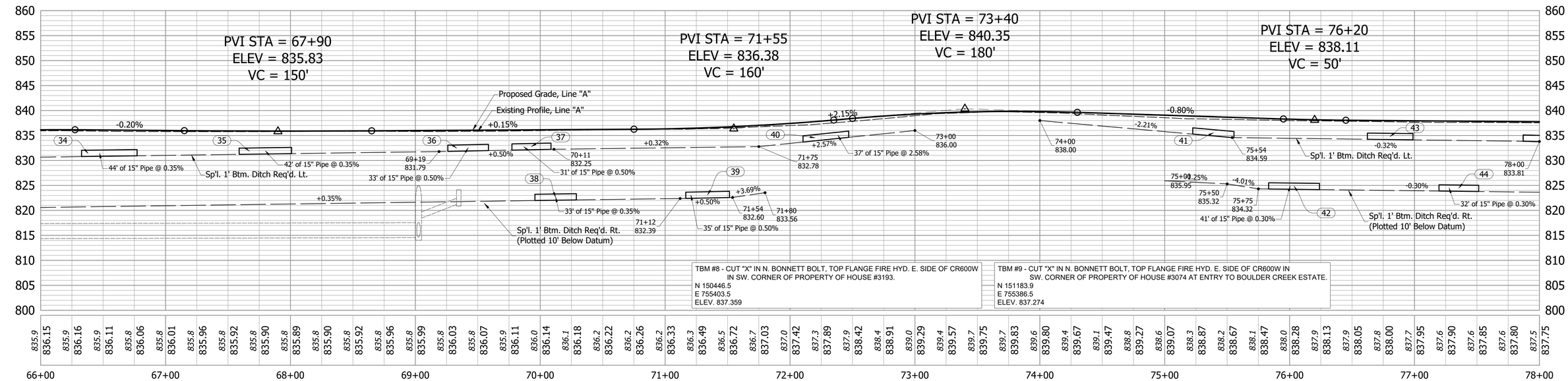
DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802940
SURVEY BOOK	SHEETS
	46 of 214
CONTRACT	PROJECT
R-41989	1802940





TBM #8 - CUT "X" IN N. BONNETT BOLT, TOP FLANGE FIRE HYD. E. SIDE OF CR600W IN SW. CORNER OF PROPERTY OF HOUSE #3193.
N 150446.5
E 755403.5
ELEV. 837.359

TBM #9 - CUT "X" IN N. BONNETT BOLT, TOP FLANGE FIRE HYD. E. SIDE OF CR600W IN SW. CORNER OF PROPERTY OF HOUSE #3074 AT ENTRY TO BOULDER CREEK ESTATE.
N 151183.9
E 755386.5
ELEV. 837.274

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

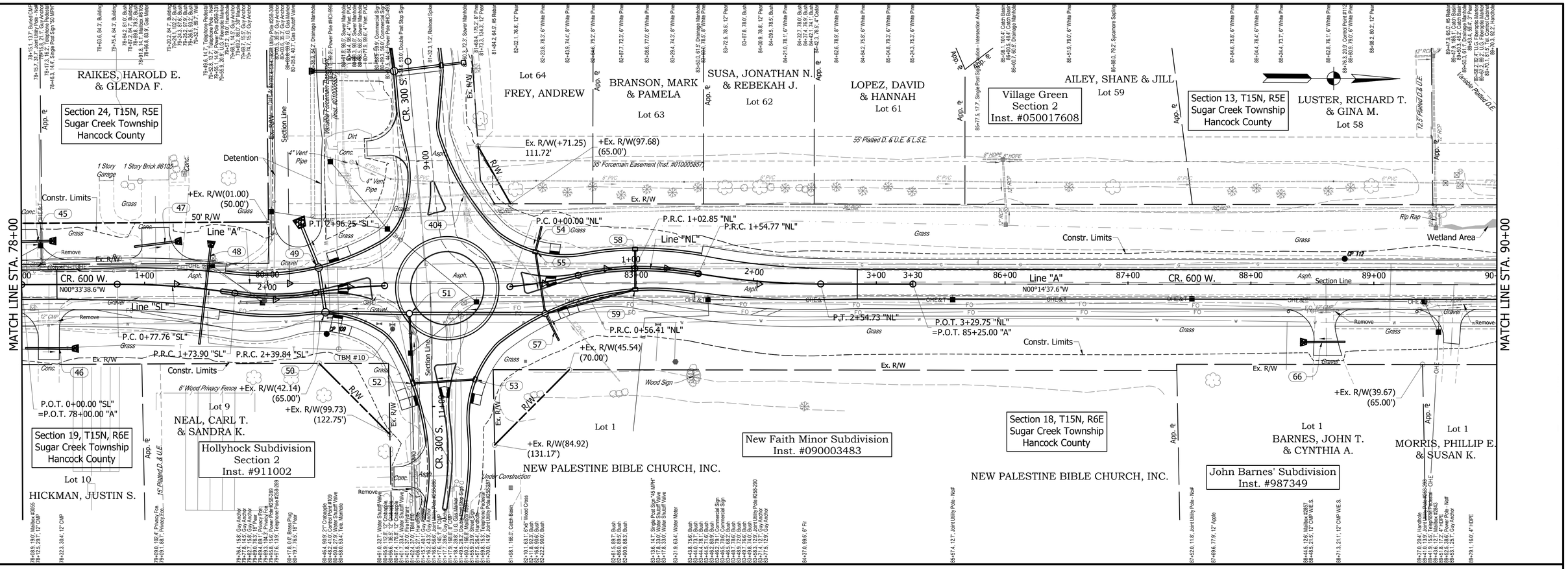
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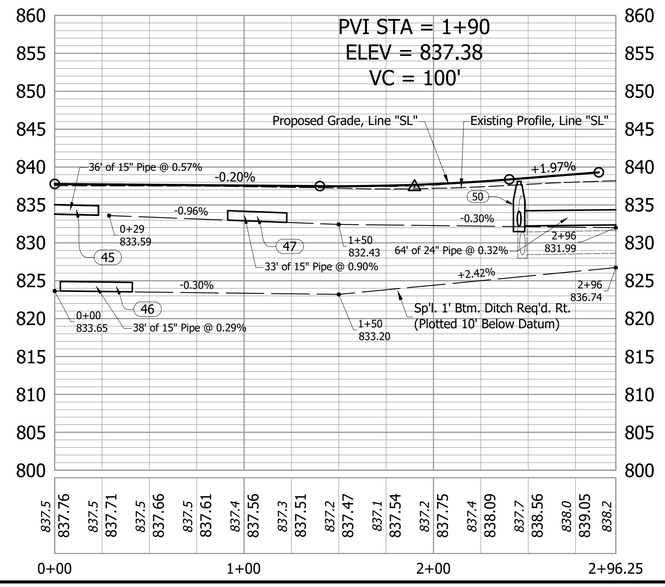
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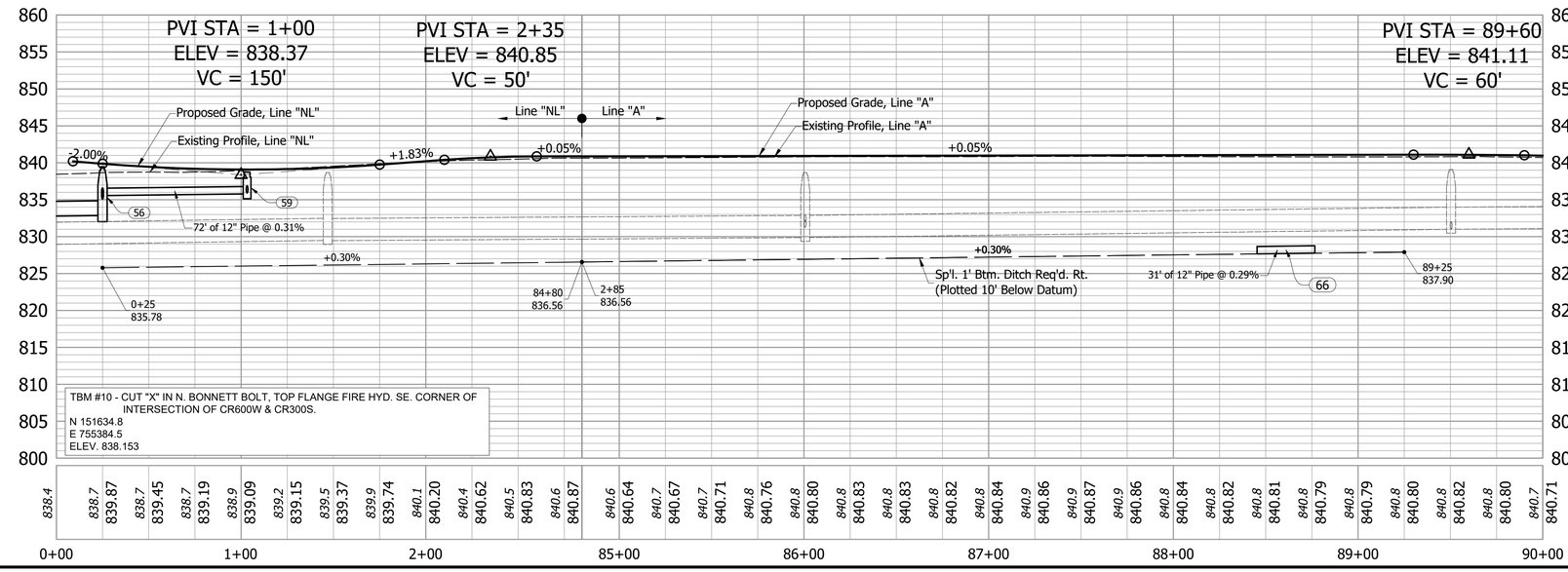
INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802940
SURVEY BOOK	SHEETS
	47 of 214
CONTRACT	PROJECT
R-41989	1802940







TBM #10 - CUT "X" IN N. BONNETT BOLT, TOP FLANGE FIRE HYD. SE. CORNER OF INTERSECTION OF CR600W & CR300S.
N 151634.8
E 755384.5
ELEV. 838.153

GREGORY R. WENDLING
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PROFESSIONAL ENGINEER

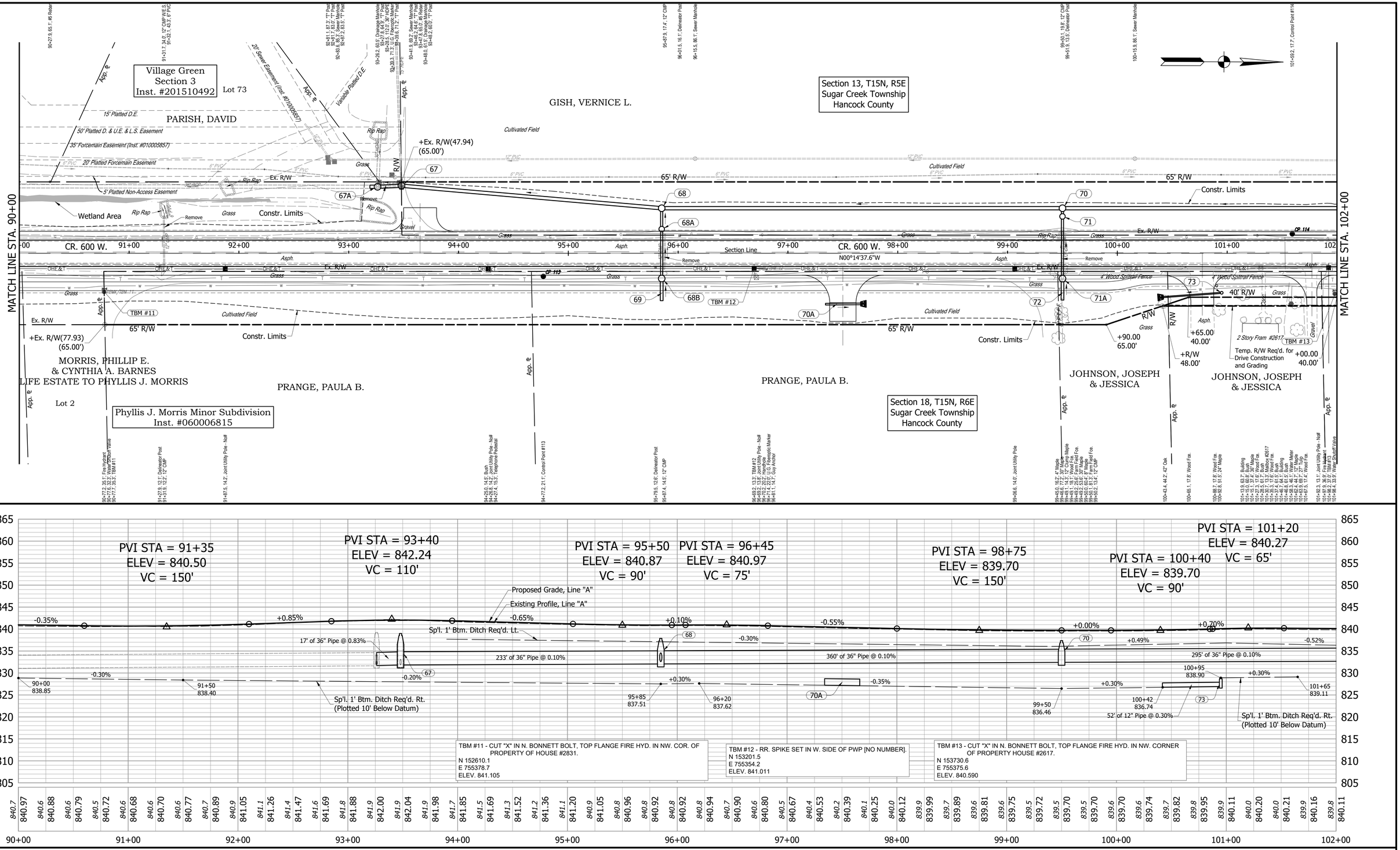
RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802940
SURVEY BOOK	SHEETS
	48 of 214
CONTRACT	PROJECT
R-41989	1802940



TBM #11 - CUT "X" IN N. BONNETT BOLT, TOP FLANGE FIRE HYD. IN NW. COR. OF PROPERTY OF HOUSE #2831.
N 152610.1
E 755378.7
ELEV. 841.105

TBM #12 - RR. SPIKE SET IN W. SIDE OF PWP [NO NUMBER].
N 153201.5
E 755354.2
ELEV. 841.011

TBM #13 - CUT "X" IN N. BONNETT BOLT, TOP FLANGE FIRE HYD. IN NW. CORNER OF PROPERTY HOUSE #2617.
N 153730.6
E 755375.6
ELEV. 840.590

GREGORY R. WENDLING
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RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

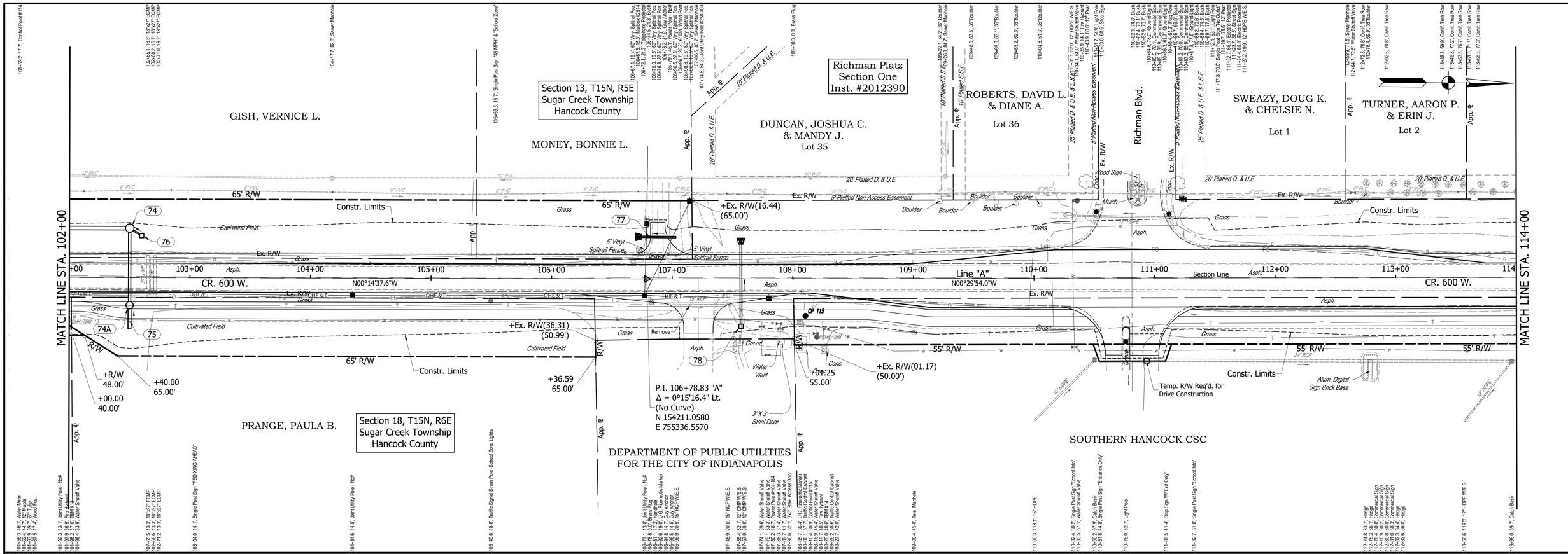
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CHECKED: GRW | CHECKED: GRW

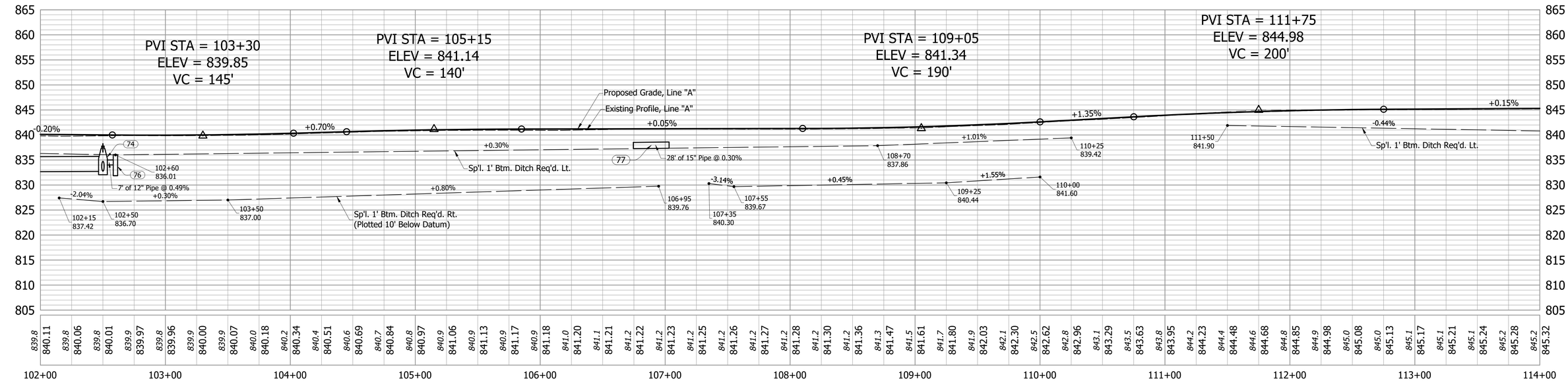
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802940

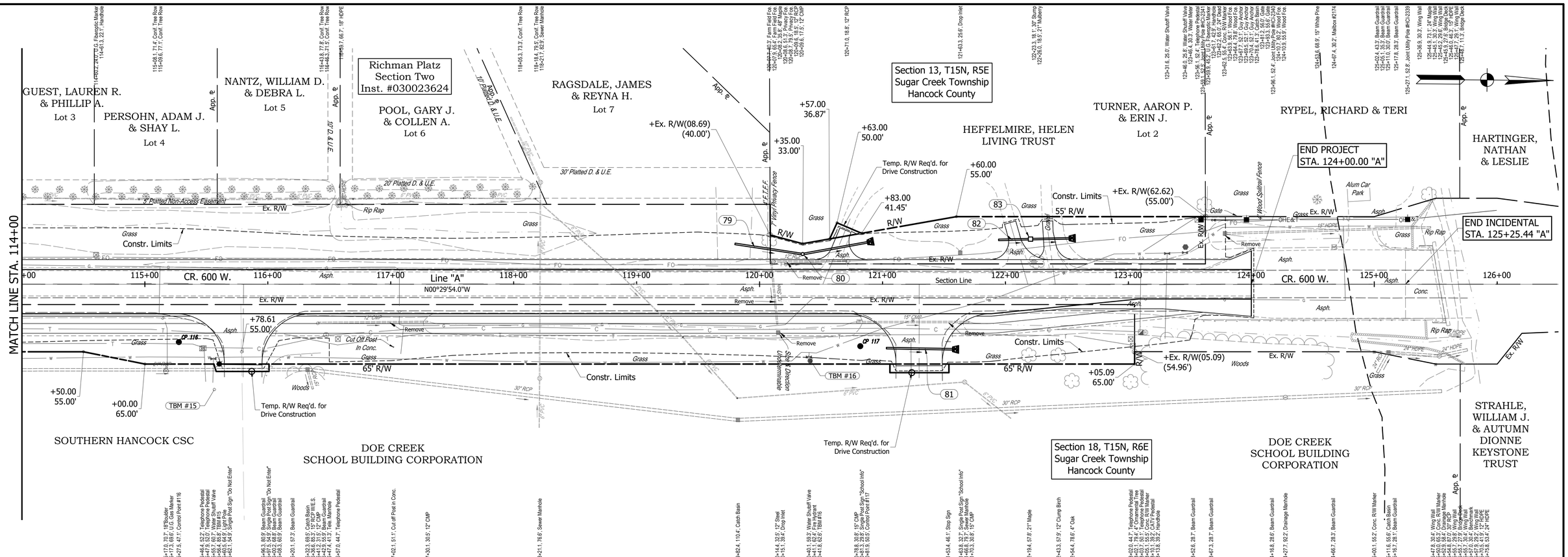
SURVEY BOOK	SHEETS
	49 of 214
CONTRACT	PROJECT
R-41989	1802940

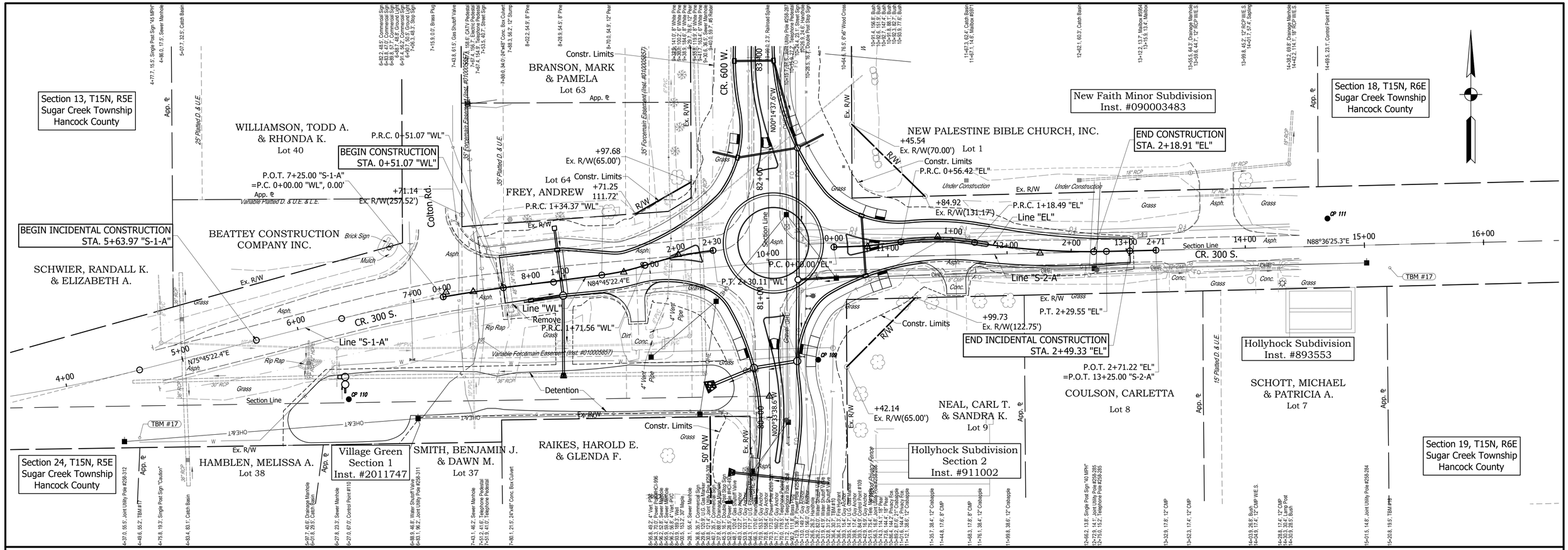


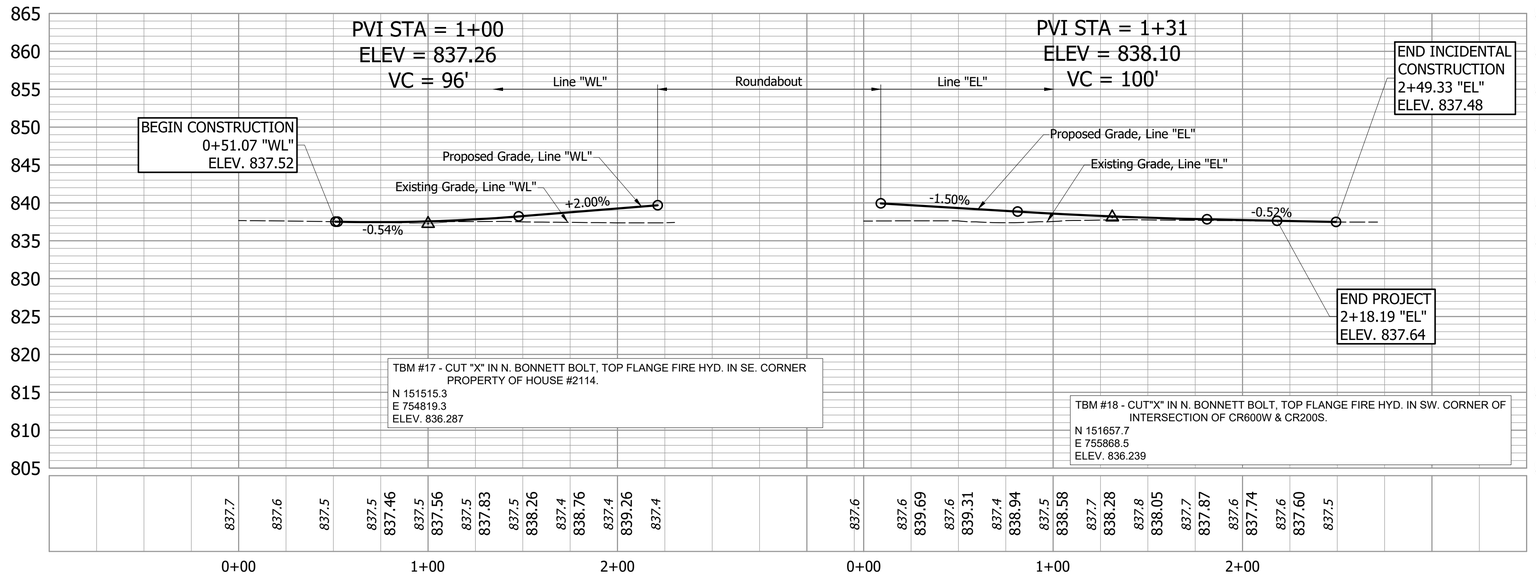


RECOMMENDED FOR APPROVAL	G R. Wendling 08/11/2023 DESIGN ENGINEER	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 40' / BRIDGE FILE:
DESIGNED: PEC	DRAWN: PEC	PLAN AND PROFILE CR 600 W PHASE 4	VERTICAL SCALE: 1" = 10' / DESIGNATION: 1802940
CHECKED: GRW	CHECKED: GRW		SURVEY BOOK: / SHEETS: 50 of 214
			CONTRACT: R-41989 / PROJECT: 1802940

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER


MATCH LINE STA. 114+00
GUEST, LAUREN R. & PHILLIP A.
Lot 3
PERSOHN, ADAM J. & SHAY L.
Lot 4
NANTZ, WILLIAM D. & DEBRA L.
Lot 5
POOL, GARY J. & COLLEN A.
Lot 6
Richman Platz Section Two Inst. #030023624
RAGSDALE, JAMES & REYNA H.
Lot 7
Section 13, T15N, R5E
Sugar Creek Township
Hancock County
HEFFELMIRE, HELEN LIVING TRUST
TURNER, AARON P. & ERIN J.
Lot 2
RYPEL, RICHARD & TERI
HARTINGER, NATHAN & LESLIE
END PROJECT STA. 124+00.00 "A"
END INCIDENTAL STA. 125+25.44 "A"
Alum Car Park
SOUTHERN HANCOCK CSC
DOE CREEK SCHOOL BUILDING CORPORATION
Section 18, T15N, R6E
Sugar Creek Township
Hancock County
DOE CREEK SCHOOL BUILDING CORPORATION
STRAHLE, WILLIAM J. & AUTUMN DIONNE KEYSTONE TRUST
CR. 600 W.
Line "A"
N00°29'54.0"W
Section Line
Constr. Limits
65' R/W
55' R/W
Ex. R/W
Temp. R/W Req'd. for Drive Construction
TBM #15
TBM #16
Cut Off Post In Conc.
Remove
Rip Rap
Woods
Grass
Asph.
Conc.
Gate
Utility Pole
Guy Anchor
Mailbox
Beam Guardrail
Catch Basin
Drop Inlet
Sewer Manifold
Water Shutoff Valve
Fire Hydrant
Single Post Sign
Control Point
Telephone Pedestal
Ornamental Tree
Deciduous Tree
Evergreen Tree
Stump
Flagpole
Bench Mark
Bridge Deck
Wing Wall
Drainage Manifold
Farm Field Fence
Privacy Fence
Wood Split Rail Fence
Chain Link Fence
Woven Wire Fence
Utility Pole with Transformer
Joint Utility Pole
Overhead Utility Line
Underground Utility Line
Underground Telephone Line
Underground Cable TV Line
Underground Gas Line
Underground Fiber Optic Line
Underground Electric Line
Water Meter
Water Valve
Gas Meter
Gas Valve
Electric Meter
Electric Transformer
Electric Pedestal
Electric Manhole
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RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

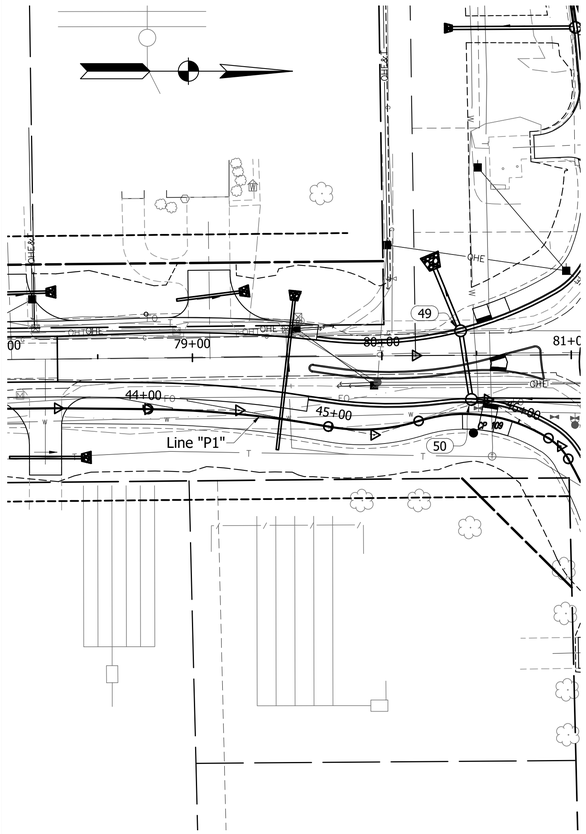
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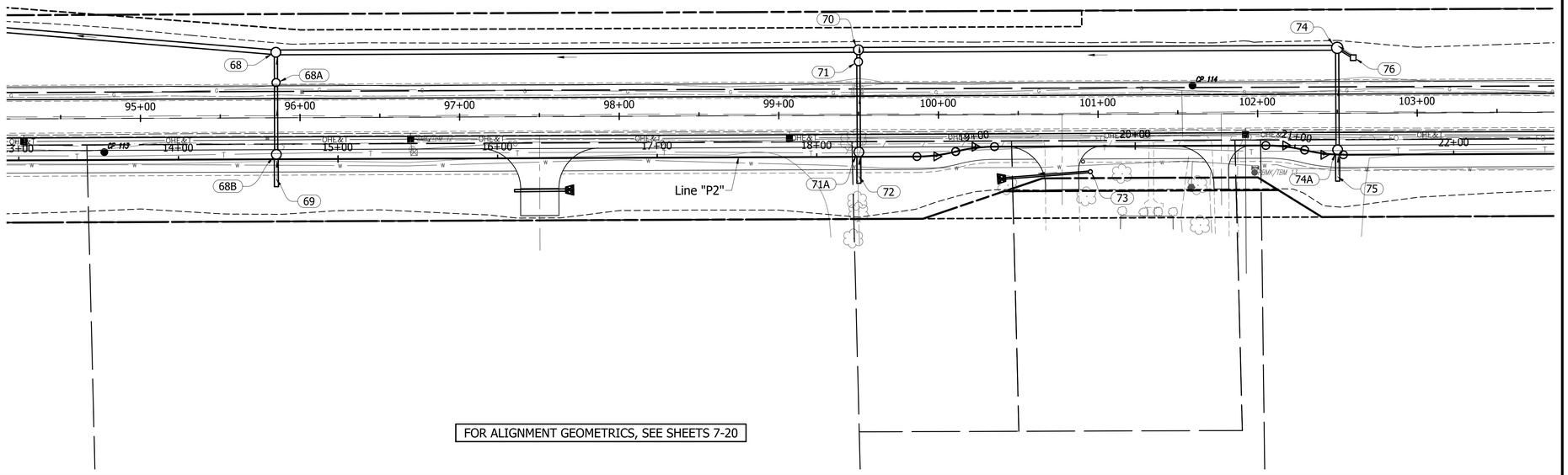
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INDIANA
DEPARTMENT OF TRANSPORTATION

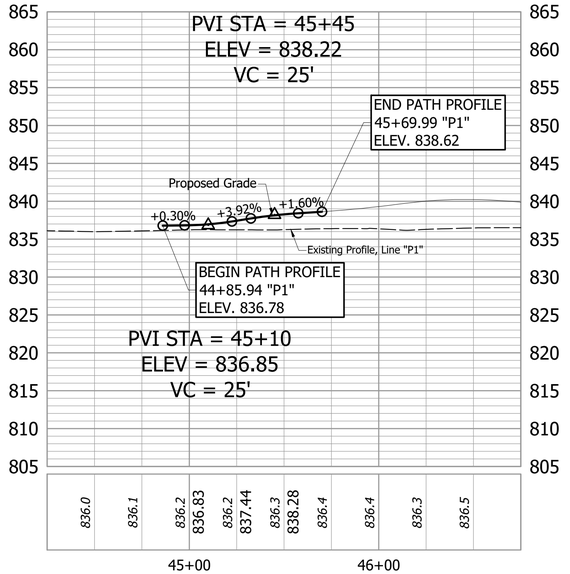
PLAN AND PROFILE
CR 600 W PHASE 4

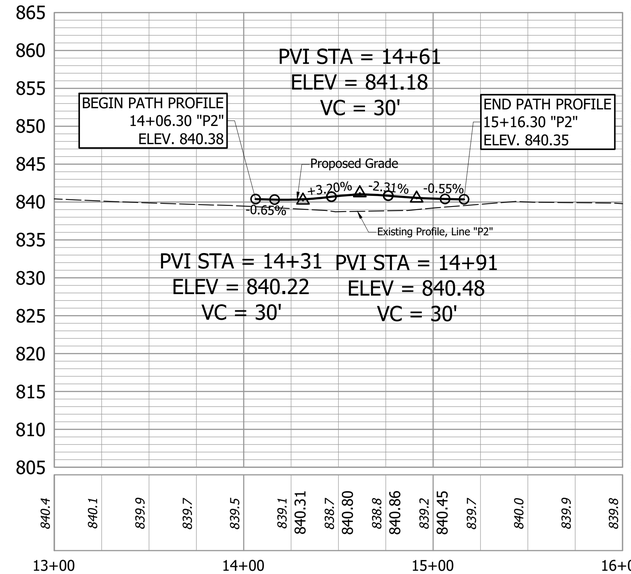
HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	
VERTICAL SCALE	DESIGNATION
1" = 10'	1802940
SURVEY BOOK	SHEETS
	52 of 214
CONTRACT	PROJECT
R-41989	1802940

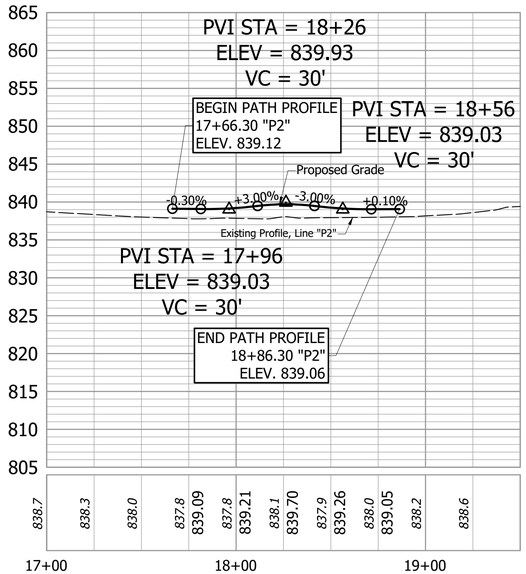


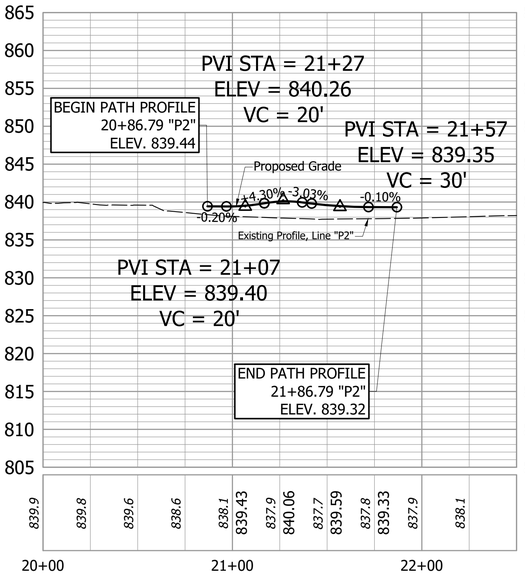


FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20









GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: CNC	DRAWN: CNC
CHECKED: MPB	CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
LINE "P1" / LINE "P2"

HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	
VERTICAL SCALE	DESIGNATION
1' = 10'	1802940
SURVEY BOOK	SHEETS
	53 of 214
CONTRACT	PROJECT
R-41989	1802940

KOCH, NATHAN SAMUEL
& ASHLEY MARIE BEDWELL

Lot 54

BULLARD, RICHARD LEE

P/L

OHE&T

18" HDPE

PROPERTY EASEMENT

R/W.

Eland Drive

SHEABLE, MICHAEL J.
& JACQUE

Lot 55

MCFARLAND, SHAWN P.

Lot 56

Deer Run
Section 3
Inst. #9211210

BEGIN PROJECT
STA. 32+85.49 "A"

BEGIN INCIDENTAL CONSTRUCTION
STA. 31+50.00 "A"

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

34+23.1, Street Approach Req'd. Lt.
W=23.3', L=44.4', R=45',42'

36+63.3, Mod. Cl. II Drive Req'd. Lt.
W=18', L=34.4', R=15',25'

36+83, STR. NO. 16
35' of 15" Type 3 Pipe
w/2 Pipe End Sections

Constr. Limits

30" RCP

15" HDPE

15" CMP

12" CMP

CP 100

CP 101

TBMR/TBM 2

31+00 32+00 33+00 34+00 35+00 36+00 37

CR. 600 W.

21.89'

11.21'

21'

9'

24'

Saw Cut Line

12'

10'

8'

6'

2'

+36

+74 +76 +66 +77 +95 +96 +25

31+87, STR. NO. 11
Inlet Type "E-7" &
15' of 15" Type 2 Pipe

32+76, STR. NO. 13
Manhole Type "C-4" &
86' of 15" Type 2 Pipe

31+69, STR. NO. 10
Manhole Type "C-4" &
3' of 30" Type 2 Pipe

TH #3
Ground Elev. 825.89'
Water -4.71'
Utility Elev. 821.18'

34+77, STR. NO. 15
Inlet Type "E-7" &
198' of 15" Type 2 Pipe

34+24.8, Street Approach Req'd. Rt
W=21.9', L=35.0', R=40',40'

MATCH LINE STA. 37+00

PROPERTY LINES

Lot 32

SHADLE, REX A.

Lot 31

WAGNER, ALAN M. & PATRICIA A.

Country Way

Section 19, T15N, R6E
Sugar Creek Township
Hancock County

Countryside - Section 2
Inst. # 91-4813

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

(A) CONCRETE PAVEMENT
Truck Apron
(See Typical Sections)

(C) PCCP for Approaches, 6" on Dense Graded Subbase, 6" on Subgrade Treatment Type II

(J) HMA SHOULDERS
(See Typical Sections)

(D1) HMA FOR APPROACHES, Type B
165#/syd HMA Surface Type B on
275#/syd HMA Intermediate Type B on
6" Compacted Agg No. 53 on
Subgrade Treatment Type II

(K) HMA FULL DEPTH
(See Typical Sections)

(D2) HMA FOR APPROACHES, Type B
165#/syd HMA Surface Type B on
275#/syd HMA Intermediate Type B on
660 #/syd HMA Base Type B on
Subgrade Treatment Type II on
Geogrid Type 1B

(P) HMA FOR SIDEWALK - PATH
(See Typical Sections)

(R) HMA OVERLAY / WEDGE & LEVEL
(See Typical Sections)

(N) 12" Compacted Aggregate
No. 53 For Drive

(W) HMA FULL DEPTH WIDENING
(See Typical Sections)

(13) Concrete Curb, Modified

(14) Center Curb, Type B

(15) Curb & Gutter, Modified

(16) Curb & Gutter, Type B, Modified

(CR) Curb Ramp

GREGORY R. WENDLING
REGISTERED
No. PE19300390
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER 08/11/2023

DESIGNED: PEC DRAWN: PEC
CHECKED: GRW CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940
SURVEY BOOK	SHEETS
	54 of 214
CONTRACT	PROJECT
R-41989	1802940

Deer Run
Section 3
Inst. #9211210

Section 24, T15N, R5E
Sugar Creek Township
Hancock County

JACKSON, FRANK R.
& MARTHA E. KEYSTONE TRUST

Lot 57

DERRY, PAMELA N.

Lot 58

LANE, ROBERT E.
& DAWN C.

Lot 59

Lot 4

KULIK, ALEXANDER &
AMY HAUPERT-KULIK

P/L

PROPERTY EASEMENT

R/W.

38+03.0, Cl. II Drive Req'd. Lt.
W=16.8', L=34.2', R=15',25'

38+21, STR. NO. 17
36' of 15" Type 3 Pipe
w/2 Pipe End Sections

39+76.8, Cl. II Drive Req'd. Lt.
W=16.3', L=35', R=15',25'

40+80.5, Cl. II Drive Req'd. Lt.
W=16.1', L=34.9', R=15',25'

42+17.6, Cl. II Drive Req'd. Lt.
W=17.9', L=34.2', R=15',25'

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

Constr. Limits

39+95, STR. NO. 18
37' of 15" Type 3 Pipe
w/2 Pipe End Sections

40+98, STR. NO. 19
35' of 15" Type 3 Pipe
w/2 Pipe End Sections

42+35, STR. NO. 20
37' of 15" Type 3 Pipe
w/2 Pipe End Sections

12" CMP

CP 102

MATCH LINE STA. 37+00

MATCH LINE STA. 43+00

38+00 39+00 CR. 600 W. 40+00 41+00 42+00

N0° 31' 28.532"W 2670.68' (M)

Saw Cut Line

CONSTRUCTION LIMIT

Lot 17

SWORD, GREGORY W.
& ASHTON

Countryside - Section 2
Inst. # 91-4813

Section 19, T15N, R6E
Sugar Creek Township
Hancock County

Lot 16

BOEHM, HEATHER K.
& LANDON C.

PROPERTY LINES

FENCE

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

- (A) CONCRETE PAVEMENT Truck Apron (See Typical Sections)
- (C) PCCP for Approaches, 6" on Dense Graded Subbase, 6" on Subgrade Treatment Type II
- (J) HMA SHOULDERS (See Typical Sections)
- (D1) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 6" Compacted Agg No. 53 on Subgrade Treatment Type II
- (K) HMA FULL DEPTH (See Typical Sections)
- (D2) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 660 #/syd HMA Base Type B on Subgrade Treatment Type II on Geogrid Type 1B
- (P) HMA FOR SIDEWALK - PATH (See Typical Sections)
- (R) HMA OVERLAY / WEDGE & LEVEL (See Typical Sections)
- (N) 12" Compacted Aggregate No. 53 For Drive
- (W) HMA FULL DEPTH WIDENING (See Typical Sections)
- (13) Concrete Curb, Modified
- (14) Center Curb, Type B
- (15) Curb & Gutter, Modified
- (16) Curb & Gutter, Type B, Modified
- (CR) Curb Ramp

GREGORY R. WENDLING
REGISTERED
No. PE19300399
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940
SURVEY BOOK	SHEETS
	55 of 214
CONTRACT	PROJECT
R-41989	1802940

GRADY, ALEXA M. &
LANE R. HOSIER, JTROS

Lot 2

Section 24, T15N, R5E
Sugar Creek Township
Hancock County

Lot 3

LINN, JOHN R.
& MELISSA K.

Deer Run Drive

Deer Run
Section 1
Inst.# 880012

P/L

44+29.4, Street Approach Req'd. Lt.
W=21.9', L=51.4', R=40',40'

47+98.7, Cl. II Drive Req'd. Lt.
W=17', L=34.8', R=15',25'

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

47+85, STR. NO. 22
34' of 15" Type 3 Pipe
w/2 Pipe End Sections

PROPERTY EASEMENT

R/W.

Constr. Limits

MATCH LINE STA. 43+00

MATCH LINE STA. 49+00

44+00 45+00 CR. 600 W. 46+00 47+00 48+00 49

Saw Cut Line

Saw Cut Line

18.38

R=108'

R=108'

Constr. Limits

46+99, STR. NO. 21
28' of 12" Type 3 Pipe
w/2 Pipe End Sections

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

47+12.7, Cl. II Drive Req'd. Rt.
W=12.6', L=30', R=25',15'

42" Wood Rail Fence

Lot 10

GORDON, TIM S.
& LORI L.

Countryside - Section 1
Inst. #853043

Countryside Dr.

44+29.9, Street Approach Req'd. Rt.
W=25.8', L=48', R=40',40'

RENNIER, STEVE M.
& JANNA L.

JONES, JACKIE R.
KAREN M.

Section 19, T15N, R6E
Sugar Creek Township
Hancock County

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

- (A) CONCRETE PAVEMENT Truck Apron (See Typical Sections)
- (C) PCCP for Approaches, 6" on Dense Graded Subbase, 6" on Subgrade Treatment Type II
- (J) HMA SHOULDERS (See Typical Sections)
- (D1) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 6" Compacted Agg No. 53 on Subgrade Treatment Type II
- (K) HMA FULL DEPTH (See Typical Sections)
- (D2) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 660 #/syd HMA Base Type B on Subgrade Treatment Type II on Geogrid Type 1B
- (P) HMA FOR SIDEWALK - PATH (See Typical Sections)
- (R) HMA OVERLAY / WEDGE & LEVEL (See Typical Sections)
- (N) 12" Compacted Aggregate No. 53 For Drive
- (W) HMA FULL DEPTH WIDENING (See Typical Sections)
- (13) Concrete Curb, Modified
- (14) Center Curb, Type B
- (15) Curb & Gutter, Modified
- (16) Curb & Gutter, Type B, Modified
- (CR) Curb Ramp

GREGORY R. WENDLING
REGISTERED
No. PE19300399
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER 08/11/2023

DESIGNED: PEC DRAWN: PEC
CHECKED: GRW CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940
SURVEY BOOK	SHEETS
	56 of 214
CONTRACT	PROJECT
R-41989	1802940

Section 24, T15N, R5E
Sugar Creek Township
Hancock County

FREY, JEREMY A.

DARINGER, WILBUR M
& FLORENCE E.

Lot 6

PROPERTY SECTION LINE

PROPERTY LINES

51+07.0, Mod. Cl. II Drive Req'd. Lt.
W=32.1', L=25', R=4.6',20'

54+52.1, Mod. Cl. II Drive Req'd. Lt.
W=11.2', L=23.1', R=15',25'

53+83.2,Mod. Cl. II Drive Req'd. Lt.
W=12.2', L=4.7', R=0',0'

54+47.5, Mod. Cl. II Drive Req'd. Lt.
W=15.9', L=5.8', R=0',5'

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

PROPERTY LEGAL DRAIN EASEMENT

51+50, STR. NO. 23
Inlet Type "E-7" &
99' of 15" Type 3 Pipe
w/ 1 Pipe End Section

R/W.

Constr. Limits

R/W.

MATCH LINE STA. 49+00

MATCH LINE STA. 55+00

CR. 600 W.

CR. 600 W.

Saw Cut Line

Saw Cut Line

42" Wood Rail Fence

R/W.

Constr. Limits

PROPERTY EASEMENT

51+70.8, Mod. Cl. IV Drive Req'd. Rt.
W=51.3', L=29.3', R=30',40'

54+19.8, Mod. Cl. II Drive Req'd. Rt.
W=25.4', L=27.1', R=20',20'

Section 19, T15N, R6E
Sugar Creek Township
Hancock County

SUGAR CREEK TOWNSHIP
FIRE BLDG CORP

CROSS OF GRACE
LUTHERAN CHURCH INC.

PROPERTY LINES

PROPERTY SECTION LINE

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

- (A) CONCRETE PAVEMENT Truck Apron (See Typical Sections)
- (C) PCCP for Approaches, 6" on Dense Graded Subbase, 6" on Subgrade Treatment Type II
- (J) HMA SHOULDERS (See Typical Sections)
- (D1) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 6" Compacted Agg No. 53 on Subgrade Treatment Type II
- (K) HMA FULL DEPTH (See Typical Sections)
- (D2) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 660 #/syd HMA Base Type B on Subgrade Treatment Type II on Geogrid Type 1B
- (P) HMA FOR SIDEWALK - PATH (See Typical Sections)
- (R) HMA OVERLAY / WEDGE & LEVEL (See Typical Sections)
- (N) 12" Compacted Aggregate No. 53 For Drive
- (W) HMA FULL DEPTH WIDENING (See Typical Sections)
- (13) Concrete Curb, Modified
- (14) Center Curb, Type B
- (15) Curb & Gutter, Modified
- (16) Curb & Gutter, Type B, Modified
- (CR) Curb Ramp

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL G R. Wendling 08/11/2023
DESIGN ENGINEER

DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940

SURVEY BOOK	SHEETS
	57 of 214
CONTRACT	PROJECT
R-41989	1802940

PROPERTY LEGAL DRAIN EASEMENT

GRAHAM, WILLIAM M.
& JEAN N.

Lot 5

PRUITT, MARGUERITE,
RANDALL SPARKS
& REBEKAH ANNA SPARKS

Lot 4

Moeller's Subdivision
P.C. A, Sl. 150, Pg. 33

GALLOWAY, MARK D.
& CAROL A.

Lot 2

PROPERTY LINES

Section 24, T15N, R5E
Sugar Creek Township
Hancock County

P/L

56+54.8, Mod. Cl. II Drive Req'd. Lt.
W=12.7', L=25.4', R=5',20'

56+69, STR. NO. 24
46' of 15" Type 3 Pipe
w/2 Pipe End Sections

58+15.5, Cl. II Drive Req'd. Lt.
W=19.1', L=25', R=15',25'

58+33, STR. NO. 25
33' of 15" Type 3 Pipe
w/2 Pipe End Sections

59+93.8, Cl. II Drive Req'd. Lt.
W=16.6', L=25', R=15',25'

60+11, STR. NO. 28
32' of 15" Type 3 Pipe
w/2 Pipe End Sections

60+70, STR. NO. 29
33' of 15" Type 3 Pipe
w/2 Pipe End Sections

60+53.2, Cl. II Drive Req'd. Lt.
W=17.2', L=25', R=15',25'

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

+20.41
44.27'

PROPERTY LEGAL DRAIN EASEMENT

Constr. Limits

CONSTRUCTION LIMIT

R/W.

CR. 600 W.

MATCH LINE STA. 55+00

MATCH LINE STA. 61+00

Saw Cut Line

PROPERTY EASEMENT

Wetlands

Remove

60+50, STR. NO. 31
Manhole Type "K-4" &
34' of 36" Type 2 Pipe
W/ 1 Pipe End Section

7.7 tons 18" depth Revetment Riprap
on 15.5 sys of Geotexile for Riprap Type 1A

59+87, STR. NO. 26
Manhole Type "J-2" &
36' of 36" Type 2 Pipe
w/ 1 Pipe End Section

59+93, STR. NO. 27
6' of 12" Type 2 Pipe
w/1 Pipe End Section

Proposed Detention

2.0 tons 18" depth Revetment Riprap
on 4.0 sys of Geotexile for Riprap Type 1A

PROPERTY LEGAL DRAIN EASEMENT

NESSES, PAUL S.
& SUZANNE P.

Section 19, T15N, R6E
Sugar Creek Township
Hancock County

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

- (A) CONCRETE PAVEMENT Truck Apron (See Typical Sections)
- (C) PCCP for Approaches, 6" on Dense Graded Subbase, 6" on Subgrade Treatment Type II
- (J) HMA SHOULDERS (See Typical Sections)
- (D1) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 6" Compacted Agg No. 53 on Subgrade Treatment Type II
- (K) HMA FULL DEPTH (See Typical Sections)
- (D2) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 660 #/syd HMA Base Type B on Subgrade Treatment Type II on Geogrid Type 1B
- (P) HMA FOR SIDEWALK - PATH (See Typical Sections)
- (R) HMA OVERLAY / WEDGE & LEVEL (See Typical Sections)
- (N) 12" Compacted Aggregate No. 53 For Drive
- (W) HMA FULL DEPTH WIDENING (See Typical Sections)
- (13) Concrete Curb, Modified
- (14) Center Curb, Type B
- (15) Curb & Gutter, Modified
- (16) Curb & Gutter, Type B, Modified
- (CR) Curb Ramp

GREGORY R. WENDLING
REGISTERED
No. PE19300399
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC

CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940
SURVEY BOOK	SHEETS
	58 of 214
CONTRACT	PROJECT
R-41989	1802940

Section 24, T15N, R5E
Sugar Creek Township
Hancock County

HEMMERLEIN, ERIC

BALES, STEVEN C.
& KRISTINA BALES

LEDBETTER, DAVID E.
& REBEKAH K. REV. LVG. TRUST

FULLERTON, GREG A.
& BETH A.

PROPERTY LINES

P/L

62+92.9, Cl. II Drive Req'd. Lt.
W=17.8', L=25', R=15',25'

64+55.8, Street Approach Req'd. Lt.
W=19.8', L=28.3', R=25',25'

65+08.6, Mod. Cl. II Drive Req'd. Lt.
W=25.6', L=25', R=15',25'

66+54.9, Cl. II Drive Req'd. Lt.
W=22.4', L=25', R=15',25'

1.4 tons 18" depth Revetment Riprap on 2.8 sys of Geotexile for Riprap Type 1A

63+13, STR. NO. 30
39' of 15" Type 3 Pipe
w/2 Pipe End Sections

64+76, STR. NO. 32
45' of 15" Type 3 Pipe
w/2 Pipe End Sections

65+30, STR. NO. 33
47' of 15" Type 3 Pipe
w/2 Pipe End Sections

66+77, STR. NO. 34
44' of 15" Type 3 Pipe
w/2 Pipe End Sections

Constr. Limits

CR. 330 S.

OHE&T

CR. 600 W.

MATCH LINE STA. 61+00

MATCH LINE STA. 67+00

62+00 63+00 64+00 65+00 66+00

N0° 33' 38.594"W 2642.07' (M)

12' 12' 8' 8' 6' 8' 9' 9.5' 10' 9.5'

Saw Cut Line

CP 106

38" HDPE

FO OHE OHT W

R/W.

Proposed Detention

PROPERTY LEGAL DRAIN EASEMENT

Constr. Limits

15.0 tons 18" depth Revetment Riprap
on 20.0 sys of Geotexile for Riprap Type 1A

Section 19, T15N, R6E
Sugar Creek Township
Hancock County

NESSES, PAUL S.
& SUZANNE P.

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

- (A) CONCRETE PAVEMENT Truck Apron (See Typical Sections)
- (C) PCCP for Approaches, 6" on Dense Graded Subbase, 6" on Subgrade Treatment Type II
- (J) HMA SHOULDERS (See Typical Sections)
- (D1) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 6" Compacted Agg No. 53 on Subgrade Treatment Type II
- (K) HMA FULL DEPTH (See Typical Sections)
- (D2) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 660 #/syd HMA Base Type B on Subgrade Treatment Type II on Geogrid Type 1B
- (P) HMA FOR SIDEWALK - PATH (See Typical Sections)
- (R) HMA OVERLAY / WEDGE & LEVEL (See Typical Sections)
- (N) 12" Compacted Aggregate No. 53 For Drive
- (W) HMA FULL DEPTH WIDENING (See Typical Sections)
- (13) Concrete Curb, Modified
- (14) Center Curb, Type B
- (15) Curb & Gutter, Modified
- (16) Curb & Gutter, Type B, Modified
- (CR) Curb Ramp

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC

CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940
SURVEY BOOK	SHEETS
	59 of 214
CONTRACT	PROJECT
R-41989	1802940

HASH, DONALD W.
& GLENDA M.

LABANAUSKAS, CHARITY S.
& DAVID

GLENN, TYLER E.

MARTIN, ALEX
& JENNIFER A.

PROPERTY LINES

Section 24, T15N, R5E
Sugar Creek Township
Hancock County

1.4 tons 18" depth Revetment Riprap on 2.8 sys of Geotexile for Riprap Type 1A

67+78.3, Cl. II Drive Req'd. Lt.
W=21.7', L=25', R=15',25'

68+01, STR. NO. 35
42' of 15" Type 3 Pipe
w/2 Pipe End Sections

69+45.8, Mod. Cl. II Drive Req'd. Lt.
W=24.7', L=23.8', R=15',20'

69+59, STR. NO. 36
33' of 15" Type 3 Pipe
w/2 Pipe End Sections

Constr. Limits

1.4 tons 18" depth Revetment Riprap on 2.8 sys of Geotexile for Riprap Type 1A

1.4 tons 18" depth Revetment Riprap on 2.8 sys of Geotexile for Riprap Type 1A

69+91.8, Cl. II Drive Req'd. Lt.
W=17.9', L=25', R=15',25'

70+09, STR. NO. 37
31' of 15" Type 3 Pipe
w/2 Pipe End Sections

72+47, STR. NO. 40
37' of 15" Type 3 Pipe
w/2 Pipe End Sections

72+23.2, Cl. II Drive Req'd. Lt.
W=20.6', L=36', R=15',25'

1.4 tons 18" depth Revetment Riprap on 2.8 sys of Geotexile for Riprap Type 1A

MATCH LINE STA. 67+00

MATCH LINE STA. 73+00

CR. 600 W.

68+00 | 69+00 | 70+00 | 71+00 | 72+00

Saw Cut Line

Saw Cut Line

8' | 12' | 10' | 9.5' | 12' | 8' | 6' | 8' | 9.5' | 9' | 12' | 8' | 6' | 8' | 12' | 10' | 9'

OHT | OHE | OHE&T | FO | W | CP 107 | 18MK/TBM 8 | 24" HDPE

R/W.

Constr. Limits

1.4 tons 18" depth Revetment Riprap on 2.8 sys of Geotexile for Riprap Type 1A

70+12.8, Cl. II Drive Req'd. Rt.
W=13.8', L=44.5', R=25',15'

70+29, STR. NO. 38
33' of 15" Type 3 Pipe
w/2 Pipe End Sections

1.4 tons 18" depth Revetment Riprap on 2.8 sys of Geotexile for Riprap Type 1A

71+19.1, Cl. II Drive Req'd. Rt.
W=19.6', L=44.6', R=25',15'

71+52, STR. NO. 39
35' of 15" Type 3 Pipe
w/2 Pipe End Sections

PROPERTY LEGAL DRAIN EASEMENT

NESSES, PAUL S.
& SUZANNE P.

CALLAN, HAROLD
& JACQUELYN

Lot 12

SPERA, JORDAN

PROPERTY LINES

PROPERTY LEGAL DRAIN EASEMENT

PROPERTY EASEMENT

Hollyhock Subdivision
Section Four
P.C. B, Slide 180
Inst. #9313002

Section 19, T15N, R6E
Sugar Creek Township
Hancock County

Boulder Creek Subdivision
Inst. #010018139

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

- (A) CONCRETE PAVEMENT Truck Apron (See Typical Sections)
- (C) PCCP for Approaches, 6" on Dense Graded Subbase, 6" on Subgrade Treatment Type II
- (J) HMA SHOULDERS (See Typical Sections)
- (D1) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 6" Compacted Agg No. 53 on Subgrade Treatment Type II
- (K) HMA FULL DEPTH (See Typical Sections)
- (D2) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 660 #/syd HMA Base Type B on Subgrade Treatment Type II on Geogrid Type 1B
- (P) HMA FOR SIDEWALK - PATH (See Typical Sections)
- (R) HMA OVERLAY / WEDGE & LEVEL (See Typical Sections)
- (N) 12" Compacted Aggregate No. 53 For Drive
- (W) HMA FULL DEPTH WIDENING (See Typical Sections)
- (13) Concrete Curb, Modified
- (14) Center Curb, Type B
- (15) Curb & Gutter, Modified
- (16) Curb & Gutter, Type B, Modified
- (CR) Curb Ramp

GREGORY R. WENDLING
REGISTERED
No. PE19300399
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC

CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940
SURVEY BOOK	SHEETS
	60 of 214
CONTRACT	PROJECT
R-41989	1802940

MATCH LINE STA. 73+00

MATCH LINE STA. 79+00

INGOLD, MARK A.
& GILLIAN A.

PROPERTY LINES

73+53.1, Cl. II Drive Req'd. Lt.
W=13.5', L=25', R=15',25'

Section 24, T15N, R5E
Sugar Creek Township
Hancock County

OKEY, MICHAEL DOUGLAS

PROPERTY LINES

75+47.5, Mod. Cl. II Drive Req'd. Lt.
W=10.9', L=26', R=15',25'

75+22, STR. NO. 41
33' of 15" Type 3 Pipe
w/2 Pipe End Sections

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

Constr. Limits

JACKSON, MARJORIE L.

PROPERTY LINES

Section 24, T15N, R5E
Sugar Creek Township
Hancock County

76+79.4, Cl. II Drive Req'd. Lt.
W=15.8', L=25', R=15',25'

76+62, STR. NO. 43
37' of 15" Type 3 Pipe
w/2 Pipe End Sections

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

ELLIS, BRYAN K.

PROPERTY LINES

78+04.6, Cl. II Drive Req'd. Lt.
W=18.5', L=25', R=15',25'

77+87, STR. NO. 45
36' of 15" Type 3 Pipe
w/2 Pipe End Sections

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

RAIKES, HAROLD E.
& GLENDA F.

P.O.T. 0+78.00 "SL"
=P.O.T. 78+78.00 "A"

Sta. 78+28.73 "A"

Saw Cut Line

Saw Cut Line

R/W.

R/W.

CR. 600 W.

Line "A"

Constr. Limits

TH #4
Ground Elev. 836.02'
Elec & Comm -2.79'
Utility Elev. 833.23'

73+42.7, Cl. II Drive Req'd. Rt.
W=20.2', L=25.5', R=25',15'

DAVIS, DUSTIN D.
& JACLYN L.

Section 19, T15N, R6E
Sugar Creek Township
Hancock County

PROPERTY LINES

75+83, STR. NO. 42
41' of 15" Type 1 Pipe
w/2 Pipe End Sections

Boulder Creek Dr.

PROPERTY EASEMENT

Lot 1

CLAY, OLLIE JAMES
& JILL ANN

Boulder Creek Subdivision
Inst. #010018139

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

76+03.4, Street Approach Req'd. Rt.
W=22.1', L=48.4', R=40',40'

PROPERTY EASEMENT

PROPERTY LINES

77+20, STR. NO. 44
32' of 15" Type 3 Pipe
w/2 Pipe End Sections

77+37.4, Cl. II Drive Req'd. Rt.
W=16', L=45.8', R=25',15'

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

Lot 11

EYERMAN, MELVIN F. III
& AMBER M.

Section 19, T15N, R6E
Sugar Creek Township
Hancock County

PROPERTY LINES

78+03, STR. NO. 46
38' of 15" Type 3 Pipe
w/2 Pipe End Sections

78+22.3, Cl. II Drive Req'd. Rt.
W=17', L=41.2', R=25',15'

Hollyhock Subdivision
Section 3
Inst. #921668

1.4 tons 18" depth Revetment
Riprap on 2.8 sys of Geotexile f
Riprap Type 1A

Lot 10

HICKMAN, JUSTIN S.

PROPERTY LINES

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

- (A) CONCRETE PAVEMENT Truck Apron (See Typical Sections)
- (C) PCCP for Approaches, 6" on Dense Graded Subbase, 6" on Subgrade Treatment Type II
- (J) HMA SHOULDERS (See Typical Sections)
- (D1) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 6" Compacted Agg No. 53 on Subgrade Treatment Type II
- (K) HMA FULL DEPTH (See Typical Sections)
- (D2) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 660 #/syd HMA Base Type B on Subgrade Treatment Type II on Geogrid Type 1B
- (P) HMA FOR SIDEWALK - PATH (See Typical Sections)
- (R) HMA OVERLAY / WEDGE & LEVEL (See Typical Sections)
- (N) 12" Compacted Aggregate No. 53 For Drive
- (W) HMA FULL DEPTH WIDENING (See Typical Sections)
- (13) Concrete Curb, Modified
- (14) Center Curb, Type B
- (15) Curb & Gutter, Modified
- (16) Curb & Gutter, Type B, Modified
- (CR) Curb Ramp

GREGORY R. WENDLING
REGISTERED
No. PE19300399
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC — DRAWN: PEC

CHECKED: GRW — CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940

SURVEY BOOK	SHEETS
	61 of 214
CONTRACT	PROJECT
R-41989	1802940

MATCH LINE STA. 79+00

MATCH LINE STA. 85+00

1.4 tons 18" depth Revetment Riprap on 2.8 sys of Geotexile for Riprap Type 1A

Section 24, T15N, R5E
Sugar Creek Township
Hancock County

1+09.3, Mod. Cl. II Drive Req'd. Lt.
W=22.3', L=25', R=10',25'

78+92, STR. NO. 47
33' of 15" Type 3 Pipe
w/2 Pipe End Sections

Proposed Detention

1+63.8, Cl. I Drive Req'd. Rt.
W=12.3', L=31.6', R=25',15'

1.4 tons 18" depth Revetment Riprap on 2.8 sys of Geotexile for Riprap Type 1A

5.3 tons 18" depth Revetment Riprap on 7.1 sys of Geotexile for Riprap Type 1A

80+42, STR. NO. 49
Manhole Type "J-10" &
33' of 24" Type 2 Pipe
w/ 1 Pipe End Section

TH #5
Ground Elev. 836.11'
Water -4.12'
Utility Elev. 831.99'

80+47, STR. NO. 50
Manhole Type "J-10" &
32' of 24" Type 2 Pipe

79+44, STR. NO. 48
79' of 15" Type 1 Pipe
w/2 Pipe End Sections

TH #6
Ground Elev. 836.29'
Water -5.27'
Utility Elev. 831.02'

TH #10
Ground Elev. 835.25'
Water -4.44'
Utility Elev. 830.81'

81+03, STR. NO. 63
Manhole Type "C-10" &
62' of 18" Type 2 Pipe
w/ 1 Pipe End Section

Ground Elev. 836.33'
"Tried finding water, went 8' deep."

81+15, STR. NO. 51
Manhole Type "C-4" &
64' of 24" Type 2 Pipe

Constr. Limits

81+18, STR. NO. 52
Inlet Type "M-10" &
53' of 12" Type 2 Pipe

Lot 9

NEAL, CARL T.
& SANDRA K.

Section 19, T15N, R6E
Sugar Creek Township
Hancock County

PROPERTY EASEMENT

Hollyhock Subdivision
Section 2
Inst. #911002

1+02.0, Mod. Cl. II Drive Req'd.
W=16.3', L=28.6', R=25',15'

CR. 300 S.

Line "WL"

Line "EL"

CR. 600 W.

Line "SL"

Line "NL"

81+59, STR. NO. 61
Inlet Type "E-7" &
16' of 15" Type 2 Pipe

81+41, STR. NO. 62
Inlet Type "M-10" &
35' of 18" Type 2 Pipe

Lot 64

FREY, ANDREW

Lot 63

BRANSON, MARK
& PAMELA

Lot 62

SUSA, JONATHAN N.
& REBEKAH J.

Lot 61

LOPEZ, DAVID
& HANNAH

Section 13, T15N, R5E
Sugar Creek Township
Hancock County

PROPERTY EASEMENT

81+60, STR. NO. 404
Existing Sanitary Manhole
Reconstr 2' and Adjust
Casting to Grade

PROPERTY EASEMENT

82+23, STR. NO. 54
20' of 12" Type 2 Pipe
w/1 Pipe End Section

P/L

P/L

P/L

R/W.

82+10, STR. NO. 55
Inlet Type "M-10" &
48' of 12" Type 2 Pipe

82+99, STR. NO. 58
Inlet Type "J-10" &
31' of 12" Type 2 Pipe

Constr. Limits

Saw Cut Line

Saw Cut Line

82+26, STR. NO. 56
Manhole Type "C-10" &
107' of 24" Type 2 Pipe

TH #2
Ground Elev. 837.58'
Water -4.59'
Utility Elev. 832.99'

Constr. Limits

TH #1
Ground Elev. 836.68'
Fiber -3.40' & Fiber -3.08'
Utility Elev. 833.48' & 833.80'

82+37, STR. NO. 57
22' of 12" Type 2 Pipe
w/1 Pipe End Section

82+99, STR. NO. 59
Inlet Type "M-10" &
72' of 12" Type 2 Pipe

81+69, STR. NO. 53
Inlet Type "J-10" &
48' of 12" Type 2 Pipe

Section 18, T15N, R6E
Sugar Creek Township
Hancock County

New Faith Minor Subdivision
Inst. #090003483

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

Lot 1

NEW PALESTINE BIBLE CHURCH, INC.

- (A) CONCRETE PAVEMENT Truck Apron (See Typical Sections)
- (C) PCCP for Approaches, 6" on Dense Graded Subbase, 6" on Subgrade Treatment Type II
- (J) HMA SHOULDERS (See Typical Sections)
- (D1) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 6" Compacted Agg No. 53 on Subgrade Treatment Type II
- (K) HMA FULL DEPTH (See Typical Sections)
- (D2) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 660 #/syd HMA Base Type B on Subgrade Treatment Type II on Geogrid Type 1B
- (P) HMA FOR SIDEWALK - PATH (See Typical Sections)
- (R) HMA OVERLAY / WEDGE & LEVEL (See Typical Sections)
- (N) 12" Compacted Aggregate No. 53 For Drive
- (W) HMA FULL DEPTH WIDENING (See Typical Sections)
- (13) Concrete Curb, Modified
- (14) Center Curb, Type B
- (15) Curb & Gutter, Modified
- (16) Curb & Gutter, Type B, Modified
- (CR) Curb Ramp

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC

CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940
SURVEY BOOK	SHEETS
	62 of 214
CONTRACT	PROJECT
R-41989	1802940

Village Green
Section 2
Inst. #050017608

AILEY, SHANE & JILL

Lot 59

Section 13, T15N, R5E
Sugar Creek Township
Hancock County

LUSTER, RICHARD T.
& GINA M.

Lot 58

RONAN, DONALD L.
& MORGAN A.

Lot 72

PROPERTY LINES

P/L

PROPERTY EASEMENT

PROPERTY EASEMENT

PROPERTY EASEMENT

8" HDPE

8" HDPE

6" PVC

6" PVC

6" PVC

6" PVC

6" PVC

12" RCP

12" RCP

12" RCP

12" RCP

36" RCP

R/W.

P.O.T. 3+29.75 "NL"
=P.O.T. 85+25.00 "A"

Constr. Limits

Wetlands

MATCH LINE STA. 85+00

MATCH LINE STA. 91+00

85+00

86+00

87+00

88+00

89+00

90+00

91

CR. 600 W.

Saw Cut Line

Saw Cut Line

CP 112

12'

11'

8.5'

8'

6'

9'

OHE&T

FO

W

12" CMP

4" HDPE

T

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

R/W.

R/W.

Constr. Limits

88+77, STR. NO. 66
31' of 12" Type 3 Pipe
w/2 Pipe End Sections

88+60.9, Mod. Cl. II Drive Req'd. Rt.
W=23.1', L=37.6', R=25',15'

89+65.2, Cl. II Drive Req'd. Rt.
W=12.7', L=27.8', R=25',15'

OHE

Section 18, T15N, R6E
Sugar Creek Township
Hancock County

NEW PALESTINE BIBLE CHURCH, INC.

Lot 1

BARNES, JOHN T.
& CYNTHIA A.

John Barnes' Subdivision
Inst. #987349

Lot 1

MORRIS, PHILLIP E.
& SUSAN K.

MORRIS, PHILLIP E.
& CYNTHIA A. BARNES
LIFE ESTATE TO PHYLLIS J. MORRIS

Lot 2

Phyllis J. Morris Minor Subdivision
Inst. #060006815

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

- (A) CONCRETE PAVEMENT Truck Apron (See Typical Sections)
- (C) PCCP for Approaches, 6" on Dense Graded Subbase, 6" on Subgrade Treatment Type II
- (J) HMA SHOULDERS (See Typical Sections)
- (D1) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 6" Compacted Agg No. 53 on Subgrade Treatment Type II
- (K) HMA FULL DEPTH (See Typical Sections)
- (D2) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 660 #/syd HMA Base Type B on Subgrade Treatment Type II on Geogrid Type 1B
- (P) HMA FOR SIDEWALK - PATH (See Typical Sections)
- (R) HMA OVERLAY / WEDGE & LEVEL (See Typical Sections)
- (N) 12" Compacted Aggregate No. 53 For Drive
- (W) HMA FULL DEPTH WIDENING (See Typical Sections)
- (13) Concrete Curb, Modified
- (14) Center Curb, Type B
- (15) Curb & Gutter, Modified
- (16) Curb & Gutter, Type B, Modified
- (CR) Curb Ramp

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC

CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940

SURVEY BOOK	SHEETS
	63 of 214
CONTRACT	PROJECT
R-41989	1802940

Village Green
Section 3
Inst. #201510492

ROESENER, DEREK B.

Lot 74

PARISH, DAVID

Lot 73

GISH, VERNICE L.

Section 13, T15N, R5E
Sugar Creek Township
Hancock County

Section 13, T15N, R5E
Sugar Creek Township
Hancock County

PROPERTY EASEMENT

PROPERTY EASEMENT

PROPERTY EASEMENT

PROPERTY EASEMENT

P/L

93+48, STR. NO. 67
Manhole Type "J-4" &
17' of 36" Type 2 Pipe

93+65.0, Mod. Cl. V Drive Req'd. Lt.
W=30.0', L=21.5', R=15',15'

95+85, STR. NO. 68
Manhole Type "J-4" &
233' of 36" Type 2 Pipe

93+26, STR. NO. 67A
Manhole Type "J-4" &
4' of 36" Type 2 Pipe

Constr. Limits

Wetlands

95+85, STR. NO. 68A
Manhole Type "C-4" &
15' of 24" Type 2 Pipe

MATCH LINE STA. 91+00

MATCH LINE STA. 97+00

R/W.

92+00

93+00

N0° 14' 37.610"W 2661.02' (M)

94+00

CR. 600 W.

95+00

96+00

Saw Cut Line

Saw Cut Line

OHE&T

PROPERTY EASEMENT

95+85, STR. NO. 68B
Manhole Type "H-4" &
41' of 24" Type 2 Pipe

Constr. Limits

95+85, STR. NO. 69
18' of Type 2, Deformed,
Min. Area 3.3 SFT Pipe
w/1 Pipe End Section

PRANGE, PAULA B.

P/L

Section 18, T15N, R6E
Sugar Creek Township
Hancock County

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

- (A) CONCRETE PAVEMENT Truck Apron (See Typical Sections)
- (C) PCCP for Approaches, 6" on Dense Graded Subbase, 6" on Subgrade Treatment Type II
- (J) HMA SHOULDERS (See Typical Sections)
- (D1) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 6" Compacted Agg No. 53 on Subgrade Treatment Type II
- (K) HMA FULL DEPTH (See Typical Sections)
- (D2) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 660 #/syd HMA Base Type B on Subgrade Treatment Type II on Geogrid Type 1B
- (P) HMA FOR SIDEWALK - PATH (See Typical Sections)
- (R) HMA OVERLAY / WEDGE & LEVEL (See Typical Sections)
- (N) 12" Compacted Aggregate No. 53 For Drive
- (W) HMA FULL DEPTH WIDENING (See Typical Sections)
- (13) Concrete Curb, Modified
- (14) Center Curb, Type B
- (15) Curb & Gutter, Modified
- (16) Curb & Gutter, Type B, Modified
- (CR) Curb Ramp
- (Z) HMA for Structure Installation, Type C, 10' Wide

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940
SURVEY BOOK	SHEETS
	64 of 214
CONTRACT	PROJECT
R-41989	1802940

Section 13, T15N, R5E
Sugar Creek Township
Hancock County

99+50, STR. NO. 70
Manhole Type "J-4" &
360' of 36" Type 2 Pipe

102+50, STR. NO. 74
Manhole Type "K-4" &
295' of 36" Type 2 Pipe

102+60, STR. NO. 76
C.B. Type "E-7" &
7' of 12" Type 2 Pipe

Constr. Limits

99+50, STR. NO. 71
Manhole Type "C-2" &
3' of 24" Type 2 Pipe

MATCH LINE STA. 97+00

MATCH LINE STA. 103+00

R/W.

CR. 600 W.

PROPERTY EASEMENT

Saw Cut Line

97+34, STR. NO. 70A
32' of 18" Type 3 Pipe
w/2 Pipe End Section

97+50.0, Cl. II Drive (Field Entr) Req'd. Rt.
W=24.0', L=42.0', R=25',25'

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

Constr. Limits

99+50, STR. NO. 71A
Manhole Type "H-4" &
52' of 24" Type 2 Pipe

TH #7
Ground Elev. 838.28'
Water -5.03'
Utility Elev. 833.25'

99+50, STR. NO. 72
17' of Type 2, Deformed,
Min. Area 3.3 SFT Pipe
w/1 Pipe End Section

+84.41

+84.49

+35.00

+35.00

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

100+77.4, Cl. II Drive Req'd. Rt.
W=20.9', L=27.2', R=25',15'

100+95, STR. NO. 73
24" P.C.B. &
52' of 12" Type 3 Pipe
w/1 Pipe End Section

101+77.2, Mod. Cl. II Drive Req'd. Rt.
W=9.2', L=27.2', R=25',15'

102+50, STR. NO. 74A
Manhole Type "H-4" &
58' of 24" Type 2 Pipe

102+50, STR. NO. 75
17' of Type 2, Deformed,
Min. Area 3.3 SFT Pipe
w/1 Pipe End Section

TH #8
Ground Elev. 838.13'
Water -3.61'
Utility Elev. 834.52'

+05.00

+53.62

PRANGE, PAULA B.

JOHNSON, JOSEPH
& JESSICA

PRANGE, PAULA B.

JOHNSON, JOSEPH
& JESSICA

Section 18, T15N, R6E
Sugar Creek Township
Hancock County

P/L

P/L

P/L

P/L

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

- (A) CONCRETE PAVEMENT Truck Apron (See Typical Sections)
- (C) PCCP for Approaches, 6" on Dense Graded Subbase, 6" on Subgrade Treatment Type II
- (J) HMA SHOULDERS (See Typical Sections)
- (D1) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 6" Compacted Agg No. 53 on Subgrade Treatment Type II
- (K) HMA FULL DEPTH (See Typical Sections)
- (D2) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 660 #/syd HMA Base Type B on Subgrade Treatment Type II on Geogrid Type 1B
- (P) HMA FOR SIDEWALK - PATH (See Typical Sections)
- (R) HMA OVERLAY / WEDGE & LEVEL (See Typical Sections)
- (N) 12" Compacted Aggregate No. 53 For Drive
- (W) HMA FULL DEPTH WIDENING (See Typical Sections)
- (13) Concrete Curb, Modified
- (14) Center Curb, Type B
- (15) Curb & Gutter, Modified
- (16) Curb & Gutter, Type B, Modified
- (CR) Curb Ramp
- (Z) HMA for Structure Installation, Type C, 10' Wide

GREGORY R. WENDLING
REGISTERED
No. PE19300399
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC

CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940

SURVEY BOOK	SHEETS
	65 of 214
CONTRACT	PROJECT
R-41989	1802940

GISH, VERNICE L.

MONEY, BONNIE L.

DUNCAN, JOSHUA C.
& MANDY J.

Lot 35

Richman Platz
Section One
Inst. #2012390

Section 13, T15N, R5E
Sugar Creek Township
Hancock County

PROPERTY EASEMENT

P/L

106+88.4, Cl. II Drive Req'd. Lt.
W=12', L=27', R=15',25'

R/W.

Constr. Limits

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

107+03, STR. NO. 77
28' of 15" Type 3 Pipe
w/2 Pipe End Sections

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

MATCH LINE STA. 103+00

MATCH LINE STA. 109+00

CR. 600 W.

Saw Cut Line

PROPERTY EASEMENT

Constr. Limits

107+21.6, Cl. IV Drive Req'd. Rt.
W=24.2', L=33', R=20',20'

107+57, STR. NO. 78
Inlet Type "E-7" &
67' of 18" Type 1 Pipe
w/ 1 Pipe End Section

TH #9
Ground Elev. 839.36'
Water -3.61'
Utility Elev. 835.75'

PBMK/TBM 14

CP 115

Section 18, T15N, R6E
Sugar Creek Township
Hancock County

PRANGE, PAULA B.

DEPARTMENT OF PUBLIC UTILITIES
FOR THE CITY OF INDIANAPOLIS

SOUTHERN HANCOCK CSC

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

- (A) CONCRETE PAVEMENT Truck Apron (See Typical Sections)
- (C) PCCP for Approaches, 6" on Dense Graded Subbase, 6" on Subgrade Treatment Type II
- (J) HMA SHOULDERS (See Typical Sections)
- (D1) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 6" Compacted Agg No. 53 on Subgrade Treatment Type II
- (K) HMA FULL DEPTH (See Typical Sections)
- (D2) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 660 #/syd HMA Base Type B on Subgrade Treatment Type II on Geogrid Type 1B
- (P) HMA FOR SIDEWALK - PATH (See Typical Sections)
- (R) HMA OVERLAY / WEDGE & LEVEL (See Typical Sections)
- (N) 12" Compacted Aggregate No. 53 For Drive
- (W) HMA FULL DEPTH WIDENING (See Typical Sections)
- (13) Concrete Curb, Modified
- (14) Center Curb, Type B
- (15) Curb & Gutter, Modified
- (16) Curb & Gutter, Type B, Modified
- (CR) Curb Ramp
- (Z) HMA for Structure Installation, Type C, 10' Wide

GREGORY R. WENDLING
REGISTERED
No. PE19300399
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC

CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940
SURVEY BOOK	SHEETS
	66 of 214
CONTRACT	PROJECT
R-41989	1802940

ROBERTS, DAVID L.
& DIANE A.

Lot 36

SWEAZY, DOUG K.
& CHELSIE N.

Lot 1

TURNER, AARON P.
& ERIN J.

Lot 2

GUEST, LAUREN R.
& PHILLIP A.

Lot 3

Section 13, T15N, R5E
Sugar Creek Township
Hancock County

PROPERTY EASEMENT

P/L

Richman Blvd.

R/W.

Constr. Limits

MATCH LINE STA. 109+00

MATCH LINE STA. 115+00

110+00

111+00

112+00

CR. 600 W.

113+00

114+00

115

Saw Cut Line

Remove Curb

Remove and Reset

Constr. Limits

24" RCP

15" HDPE

+72.97
43.48'

+79.33
43.51'

Do Not Disturb

110+81.2, Mod. Cl. IV Drive Req'd.
W=44.1', L=40', R=40',40'

SOUTHERN HANCOCK CSC

Section 18, T15N, R6E
Sugar Creek Township
Hancock County

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

- (A) CONCRETE PAVEMENT Truck Apron (See Typical Sections)
- (C) PCCP for Approaches, 6" on Dense Graded Subbase, 6" on Subgrade Treatment Type II
- (J) HMA SHOULDERS (See Typical Sections)
- (D1) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 6" Compacted Agg No. 53 on Subgrade Treatment Type II
- (K) HMA FULL DEPTH (See Typical Sections)
- (D2) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 660 #/syd HMA Base Type B on Subgrade Treatment Type II on Geogrid Type 1B
- (P) HMA FOR SIDEWALK - PATH (See Typical Sections)
- (R) HMA OVERLAY / WEDGE & LEVEL (See Typical Sections)
- (N) 12" Compacted Aggregate No. 53 For Drive
- (W) HMA FULL DEPTH WIDENING (See Typical Sections)
- (13) Concrete Curb, Modified
- (14) Center Curb, Type B
- (15) Curb & Gutter, Modified
- (16) Curb & Gutter, Type B, Modified
- (CR) Curb Ramp

GREGORY R. WENDLING
REGISTERED
No. PE19300399
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC

CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940

SURVEY BOOK	SHEETS
	67 of 214
CONTRACT	PROJECT
R-41989	1802940

PERSOHN, ADAM J.
& SHAY L.

Lot 4

NANTZ, WILLIAM D.
& DEBRA L.

Lot 5

Richman Platz
Section Two
Inst. #030023624

POOL, GARY J.
& COLLEN A.

Lot 6

RAGSDALE, JAMES
& REYNA H.

Lot 7

Section 13, T15N, R5E
Sugar Creek Township
Hancock County

P/L

PROPERTY EASEMENT

PROPERTY EASEMENT

PROPERTY EASEMENT

R/W.

R/W.

Constr. Limits

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

119+80, STR. NO. 79
55' of 15" Type 3 Pipe
w/1 Pipe End Section

120+35, STR. NO. 80
24" P.C.B. &
53' of 15" Type 3 Pipe
w/ 1 Pipe End Section

120+51.4, Mod. Cl. II
Drive Req'd. Lt.
W=9.7', L=26', R=15',15'

MATCH LINE STA. 115+00

MATCH LINE STA. 121+00

CR. 600 W.

N0° 29' 54.039"W 2659.92' (M)

Saw Cut Line

Saw Cut Line

CP 116

CP 117

PBMK/TBM 15

PBMK/TBM 16

24" RCP

12" CMP

30" RCP

6" PVC

Do Not Disturb

Do Not Disturb

115+80.2, Mod. Cl. IV Drive Req'd. Rt.
W=30.8', L=41.6', R=40',40'

Constr. Limits

DOE CREEK
SCHOOL BUILDING CORPORATION

Section 18, T15N, R6E
Sugar Creek Township
Hancock County

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

- (A) CONCRETE PAVEMENT Truck Apron (See Typical Sections)
- (C) PCCP for Approaches, 6" on Dense Graded Subbase, 6" on Subgrade Treatment Type II
- (J) HMA SHOULDERS (See Typical Sections)
- (D1) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 6" Compacted Agg No. 53 on Subgrade Treatment Type II
- (K) HMA FULL DEPTH (See Typical Sections)
- (D2) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 660 #/syd HMA Base Type B on Subgrade Treatment Type II on Geogrid Type 1B
- (P) HMA FOR SIDEWALK - PATH (See Typical Sections)
- (R) HMA OVERLAY / WEDGE & LEVEL (See Typical Sections)
- (N) 12" Compacted Aggregate No. 53 For Drive
- (W) HMA FULL DEPTH WIDENING (See Typical Sections)
- (13) Concrete Curb, Modified
- (14) Center Curb, Type B
- (15) Curb & Gutter, Modified
- (16) Curb & Gutter, Type B, Modified
- (CR) Curb Ramp

GREGORY R. WENDLING
REGISTERED
No. PE19300399
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC

CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940

SURVEY BOOK	SHEETS
	68 of 214
CONTRACT	PROJECT
R-41989	1802940

Section 13, T15N, R5E
Sugar Creek Township
Hancock County

HEFFELMIRE, HELEN
LIVING TRUST

TURNER, AARON P.
& ERIN J.

Lot 2

RYPEL, RICHARD & TERI

HARTINGER, NATHAN
& LESLIE

PROPERTY LINES

P/L

PROPERTY LEGAL
DRAIN EASEMENT

R/W.

MATCH LINE STA. 121+00

122+40.5, Mod. Cl. V Drive Req'd. Lt.
W=8.4', L=31.6', R=10',15'

122+20, STR. NO. 83
C.B. Type "E-7" &
30' of 15" Type 3 Pipe
w/ 1 Pipe End Section

122+18.2, Cl. II Drive Req'd. Lt.
W=9.4', L=31.4', R=15',25'

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

121+94, STR. NO. 82
25' of 15" Type 3 Pipe
w/1 Pipe End Sections

Constr. Limits

CR. 600 W.

122+00 123+00 124+00 125+00 126+00 127+00

Saw Cut Line

END PROJECT
STA. 124+00.00 "A"

PROPERTY EASEMENT

Remove and Reset

R=100'

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

Constr. Limits

121+03, STR. NO. 81
54' of 15" Type 3 Pipe
w/2 Pipe End Sections

121+29.8, Mod. Cl. IV Drive Req'd.
W=37.7', L=42.3', R=40',40'

Section 18, T15N, R6E
Sugar Creek Township
Hancock County

DOE CREEK
SCHOOL BUILDING
CORPORATION

STRAHLE, WILLIAM J.
& AUTUMN DIONNE
KEYSTONE TRUST

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

- (A) CONCRETE PAVEMENT Truck Apron (See Typical Sections)
- (C) PCCP for Approaches, 6" on Dense Graded Subbase, 6" on Subgrade Treatment Type II
- (J) HMA SHOULDERS (See Typical Sections)
- (D1) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 6" Compacted Agg No. 53 on Subgrade Treatment Type II
- (K) HMA FULL DEPTH (See Typical Sections)
- (D2) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 660 #/syd HMA Base Type B on Subgrade Treatment Type II on Geogrid Type 1B
- (P) HMA FOR SIDEWALK - PATH (See Typical Sections)
- (R) HMA OVERLAY / WEDGE & LEVEL (See Typical Sections)
- (N) 12" Compacted Aggregate No. 53 For Drive
- (W) HMA FULL DEPTH WIDENING (See Typical Sections)
- (13) Concrete Curb, Modified
- (14) Center Curb, Type B
- (15) Curb & Gutter, Modified
- (16) Curb & Gutter, Type B, Modified
- (CR) Curb Ramp

GREGORY R. WENDLING
REGISTERED
No. PE19300399
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940
SURVEY BOOK	SHEETS
	69 of 214
CONTRACT	PROJECT
R-41989	1802940

6+27, STR. NO. 64A
Manhole Type "C-2" &
1' of 24" Type 2 Pipe

6+25, STR. NO. 64
5' of 12" Type 2 Pipe
w/1 Pipe End Section

Detention

SMITH, BENJAMIN J.
& DAWN M.

Lot 37

BEATY CONSTRUCTION
COMPANY INC.

Lot 40

WILLIAMSON, TODD A.
& RHONDA K.

6+29, STR. NO. 65
Manhole Type "J-2" &
4' of 36" Type 2 Pipe

BEGIN CONSTRUCTION
STA. 7+76.07 "S-1-A"
STA. 0+51.07 "WL"

Possible Future Sidewalk

Remove Existing Structure and
Backfill with 82.0 CYS B Borrow

81+59, STR. NO. 61
Inlet Type "E-7" &
16' of 15" Type 2 Pipe

80+99, STR. NO. 60
Inlet Type "J-10" &
23' of 12" Type 2 Pipe

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

Section 24, T15N, R5E
Sugar Creek Township
Hancock County

FREY, ANDREW

Lot 64

81+41, STR. NO. 62
Inlet Type "M-10" &
35' of 18" Type 2 Pipe

81+03, STR. NO. 63
Manhole Type "C-10" &
62' of 18" Type 2 Pipe
W/1 end section

Constr. Limits

Constr. Limits

1+63.8, Cl. Drive Req'd.
W=12.3', L=31.6', R=25',15'

5.3 tons 18" depth Revetment Riprap
on 7.1 sys of Geotexile for Riprap Type 1A

Line "S-1-A"

Line "WL"

Line "S-2-A"

Line "EL"

80+42, STR. NO. 49
Manhole Type "J-10" &
33' of 24" Type 2 Pipe

Constr. Limits

82+18, STR. NO. 55
Inlet Type "M-10" &
48' of 12" Type 2 Pipe

82+26, STR. NO. 56
Manhole Type "C-10" &
107' of 24" Type 2 Pipe

82+37, STR. NO. 57
22' of 12" Type 2 Pipe
w/1 Pipe End Section

81+15, STR. NO. 51
Manhole Type "C-4" &
64' of 24" Type 2 Pipe

80+47, STR. NO. 50
Manhole Type "J-10" &
32' of 24" Type 2 Pipe

81+18, STR. NO. 52
Inlet Type "M-10" &
53' of 12" Type 2 Pipe

Constr. Limits

81+69, STR. NO. 53
Inlet Type "J-10" &
48' of 12" Type 2 Pipe

Lot 9

Section 19, T15N, R6E
Sugar Creek Township
Hancock County

NEAL, CARL T.
& SANDRA K.

1+02.0, Cl. Drive Req'd.
W=16.3', L=28.6', R=25',15'

Lot 1

NEW PALESTINE BIBLE CHURCH, INC.

Hollyhock Subdivision
Section 2
Inst. #911002

COULSON, CARLETTA

Lot 8

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

END CONSTRUCTION
STA. 2+18.91 "EL"

END INCIDENTAL CONSTRUCTION
STA. 2+49.33 "EL"

- (A) CONCRETE PAVEMENT Truck Apron (See Typical Sections)
- (C) PCCP for Approaches, 6" on Dense Graded Subbase, 6" on Subgrade Treatment Type II
- (J) HMA SHOULDERS (See Typical Sections)
- (D1) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 6" Compacted Agg No. 53 on Subgrade Treatment Type II
- (K) HMA FULL DEPTH (See Typical Sections)
- (D2) HMA FOR APPROACHES, Type B 165#/syd HMA Surface Type B on 275#/syd HMA Intermediate Type B on 660 #/syd HMA Base Type B on Subgrade Treatment Type II on Geogrid Type 1B
- (P) HMA FOR SIDEWALK - PATH (See Typical Sections)
- (R) HMA OVERLAY / WEDGE & LEVEL (See Typical Sections)
- (N) 12" Compacted Aggregate No. 53 For Drive
- (W) HMA FULL DEPTH WIDENING (See Typical Sections)
- (13) Concrete Curb, Modified
- (14) Center Curb, Type B
- (15) Curb & Gutter, Modified
- (16) Curb & Gutter, Type B, Modified
- (CR) Curb Ramp

GREGORY R. WENDLING
REGISTERED
No. PE19300399
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER
08/11/2023

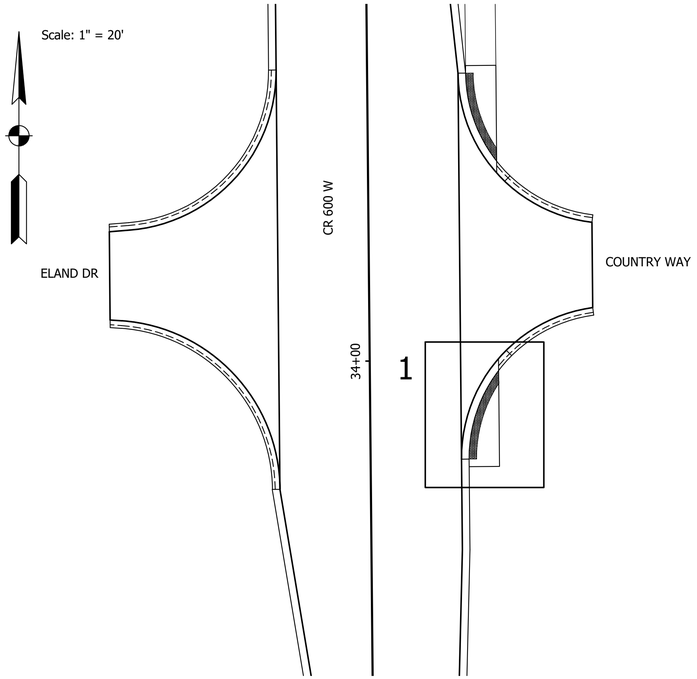
DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

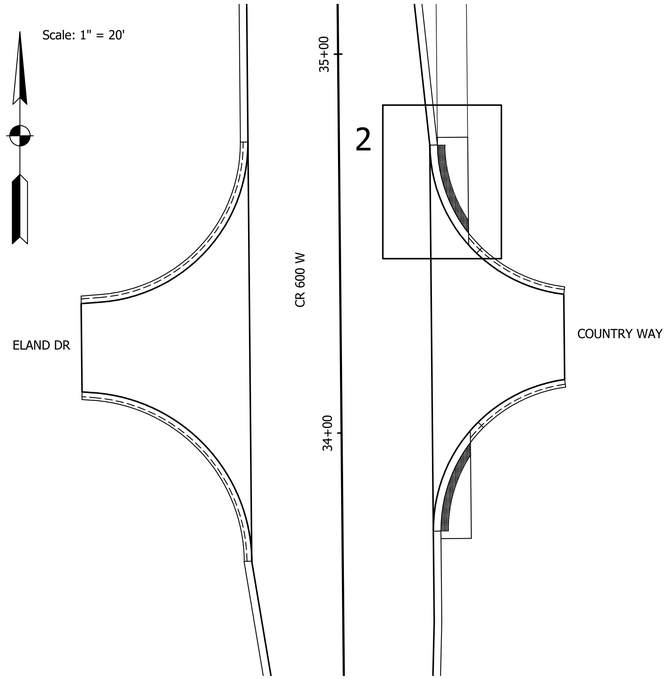
INDIANA
DEPARTMENT OF TRANSPORTATION

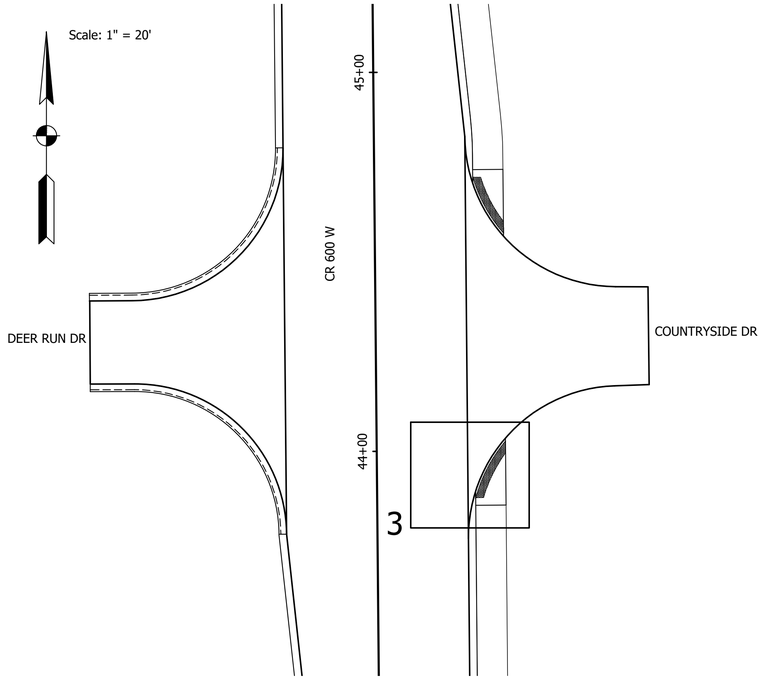
CONSTRUCTION DETAILS
CR 300 S

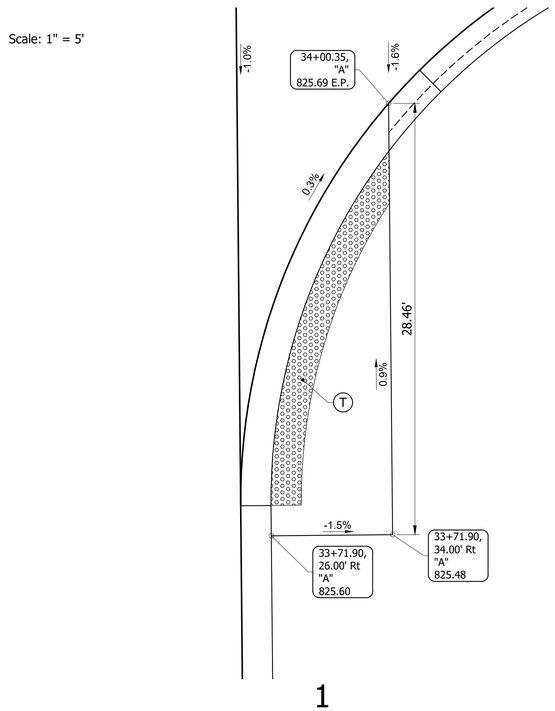
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940

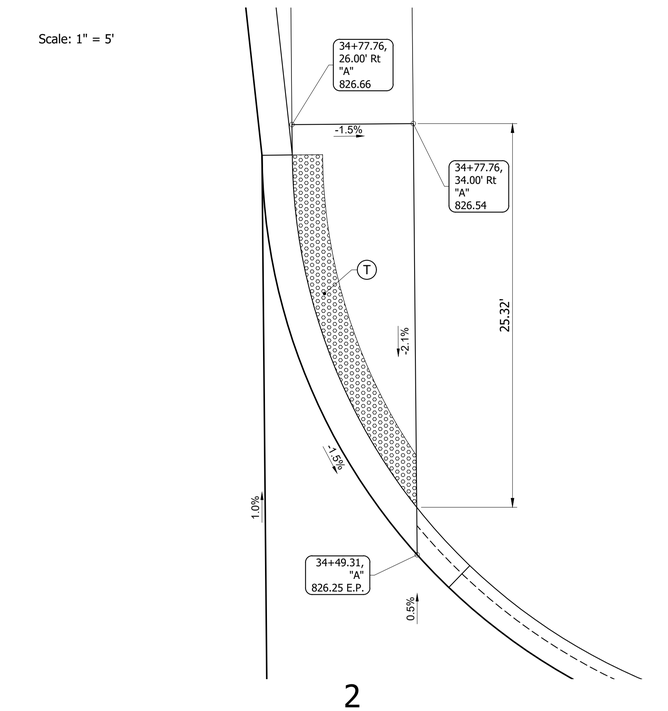
SURVEY BOOK	SHEETS		
	70	of	214
CONTRACT	PROJECT		
R-41989	1802940		

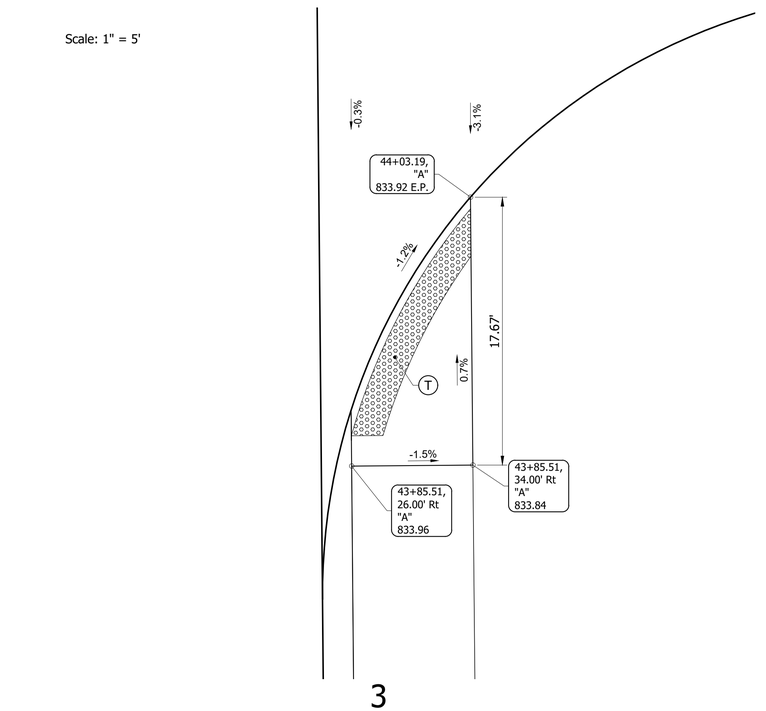












LEGEND

- Buffer or Other Non-Walkable Surface
- R Ramp
- T Detectable Warning Surface
- TS Turning Space
- CS Clear Space
- PC Pedestrian Clear Space
- FS Flared Side
- P HMA Sidewalk
- Proposed Slopes or Existing Slopes
- Proposed Elevations or Existing Elevations

E.P. Edge of Pavement
T.C. Top of Curb
B.C. Bottom of Curb

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

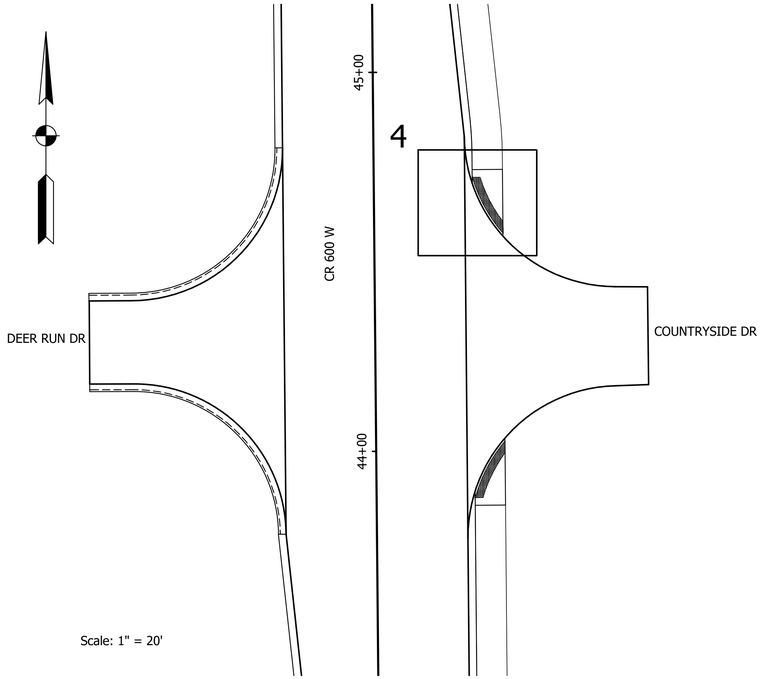
INDIANA
DEPARTMENT OF TRANSPORTATION

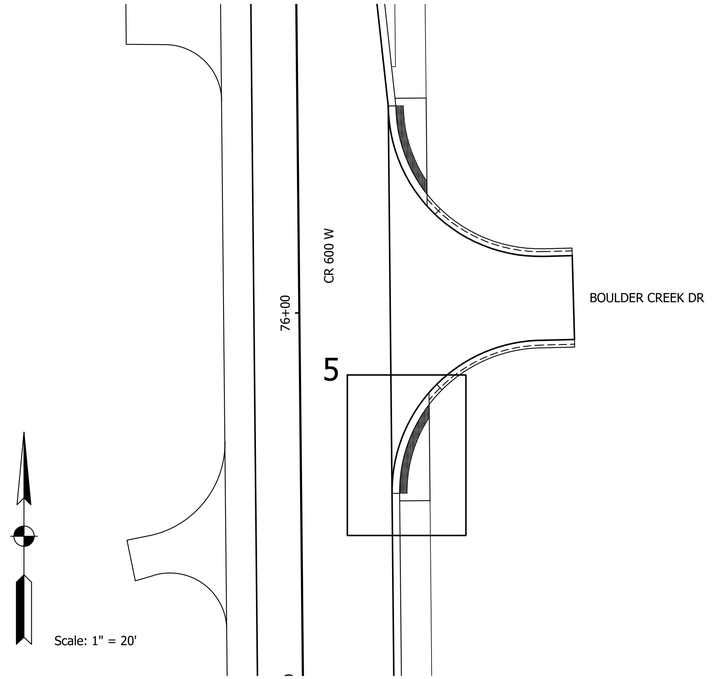
CURB RAMP DETAILS
CR 600 W

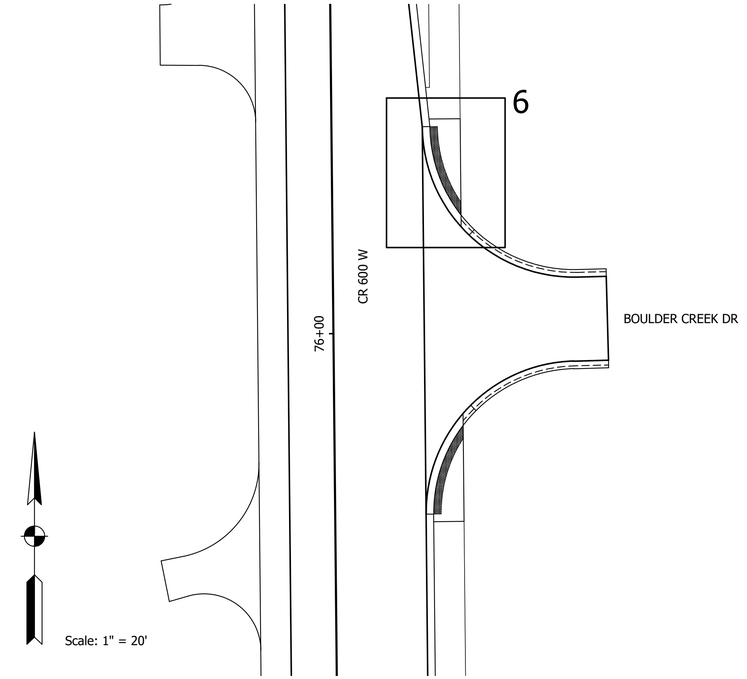
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AS NOTED	
VERTICAL SCALE	DESIGNATION
AS NOTED	1802940

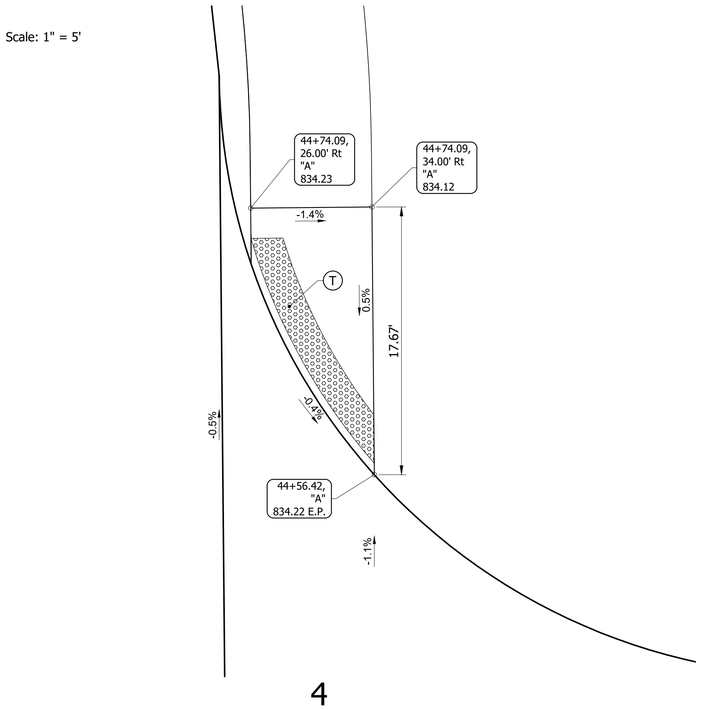
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CONTRACT	PROJECT
R-41989	1802940

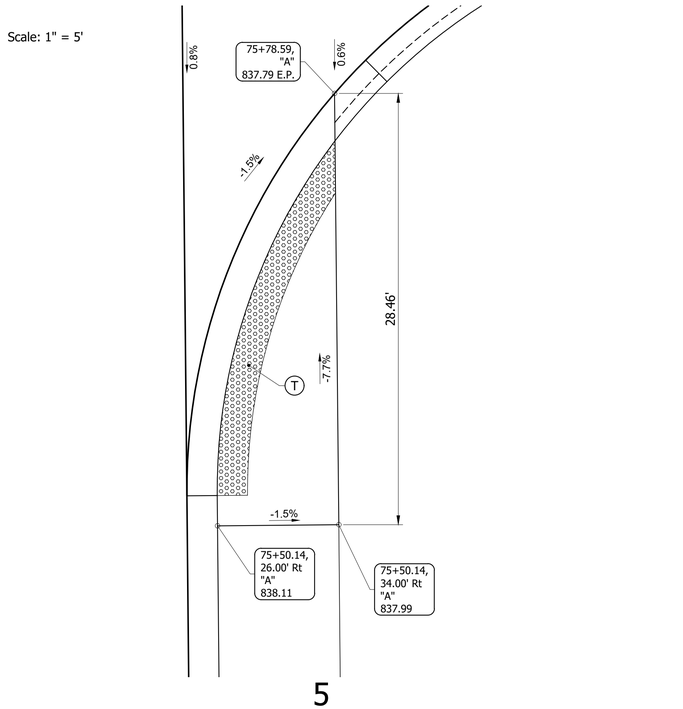
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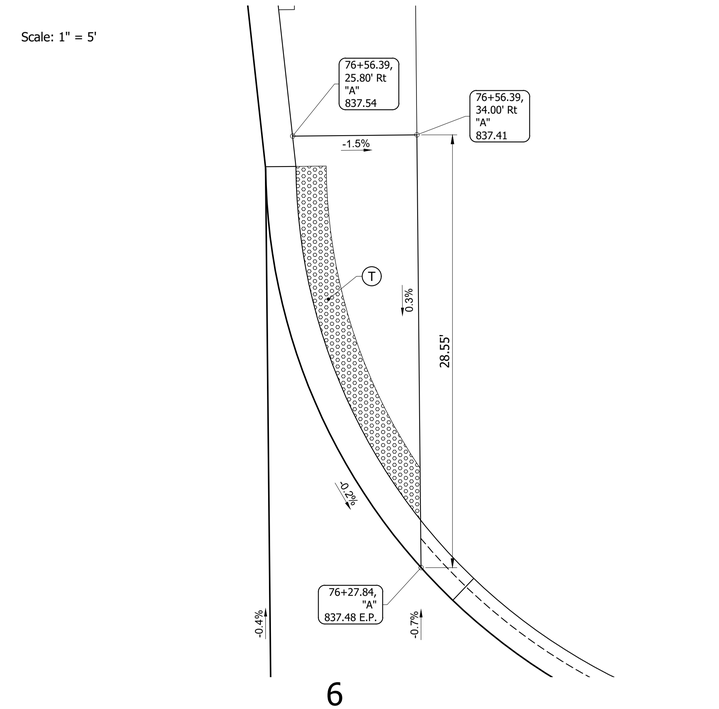












LEGEND

- Buffer or Other Non-Walkable Surface
- R Ramp
- T Detectable Warning Surface
- TS Turning Space
- CS Clear Space
- PC Pedestrian Clear Space
- FS Flared Side
- P HMA Sidewalk
- Proposed Slopes or Existing Slopes
- Proposed Elevations or Existing Elevations
- E.P. Edge of Pavement
- T.C. Top of Curb
- B.C. Bottom of Curb

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED:	PEC	DRAWN:	PEC
CHECKED:	GRW	CHECKED:	GRW

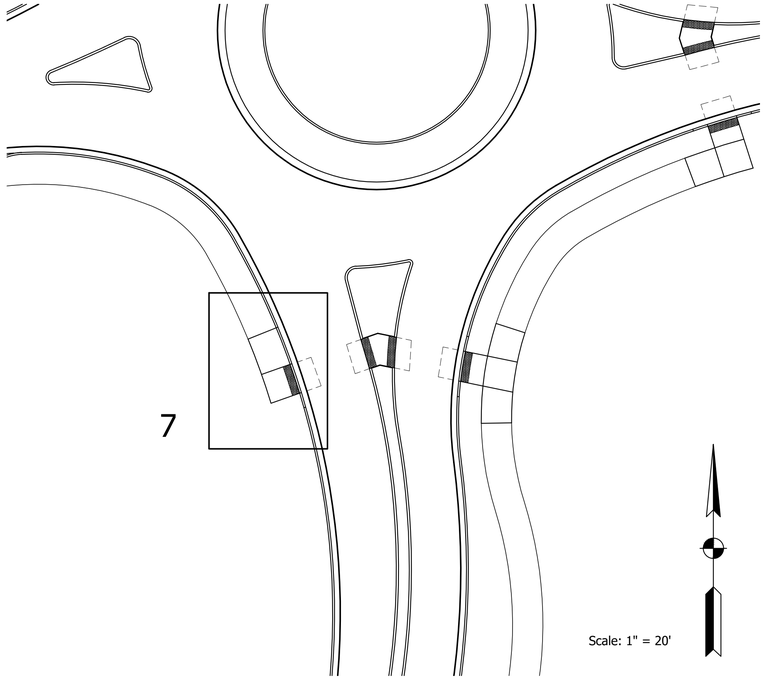
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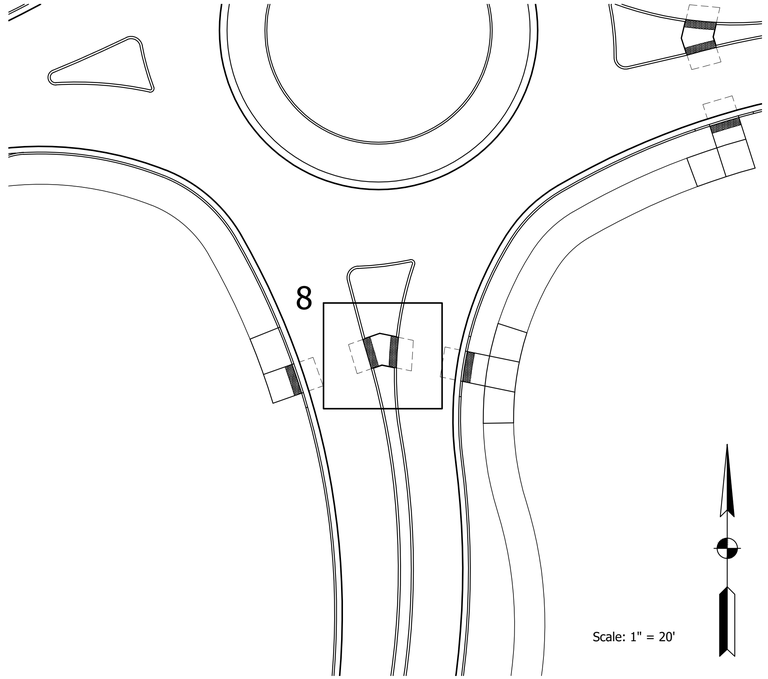
CURB RAMP DETAILS
CR 600 W

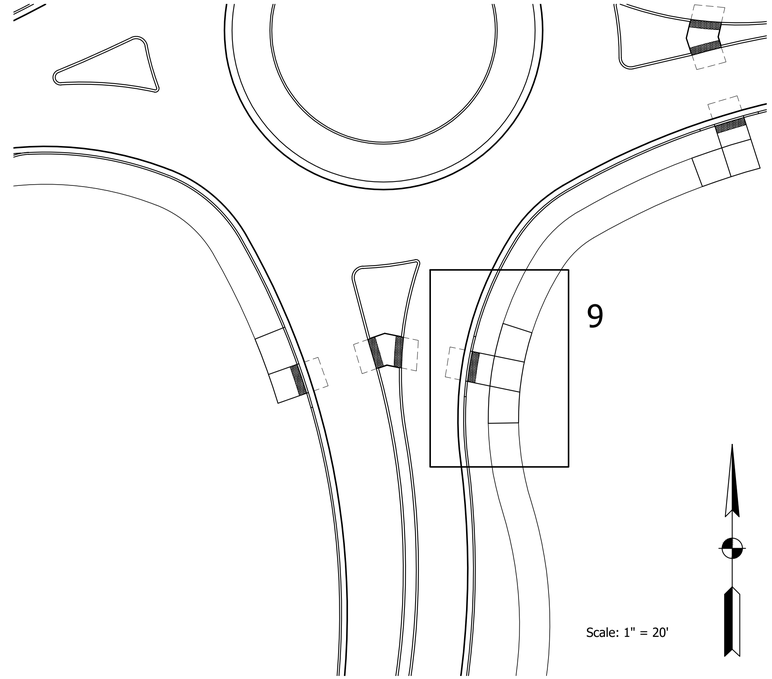
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AS NOTED	
VERTICAL SCALE	DESIGNATION
AS NOTED	1802940

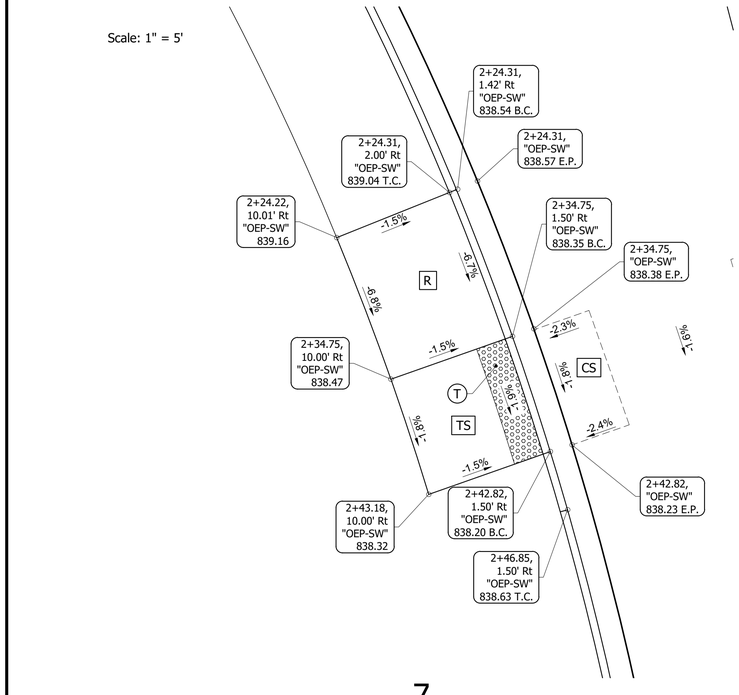
SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
R-41989	1802940

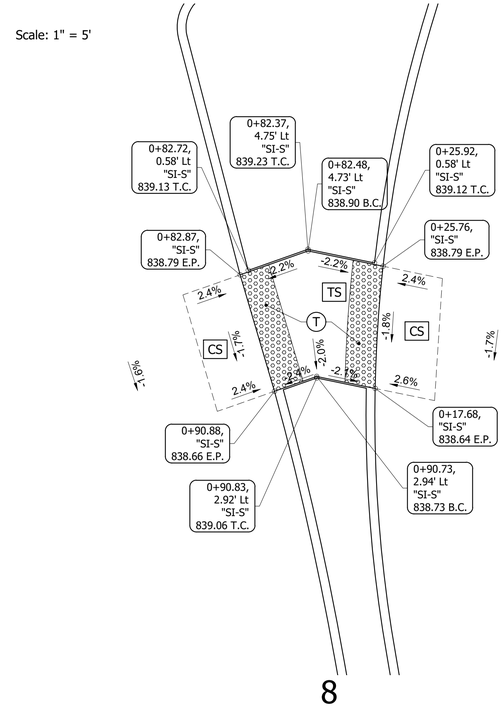
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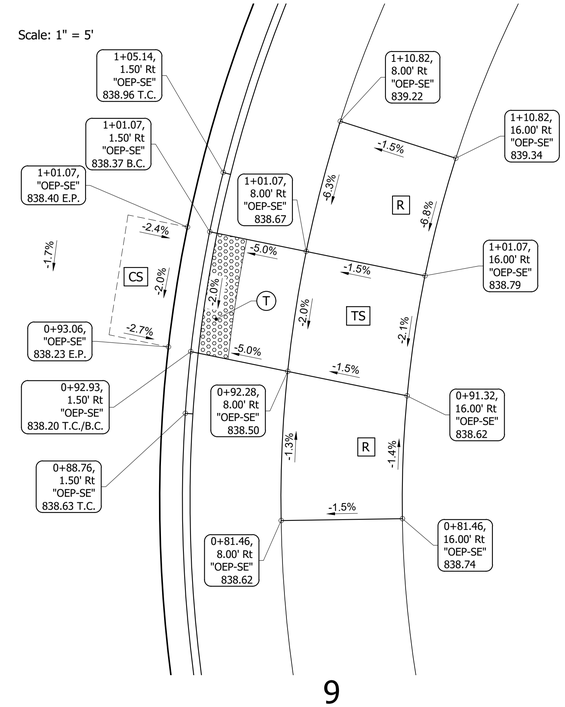












LEGEND

- Buffer or Other Non-Walkable Surface
- R Ramp
- T Detectable Warning Surface
- TS Turning Space
- CS Clear Space
- PC Pedestrian Clear Space
- FS Flared Side
- P HMA Sidewalk
- Proposed Slopes or Existing Slopes
- Proposed Elevations or Existing Elevations

E.P. Edge of Pavement
T.C. Top of Curb
B.C. Bottom of Curb

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

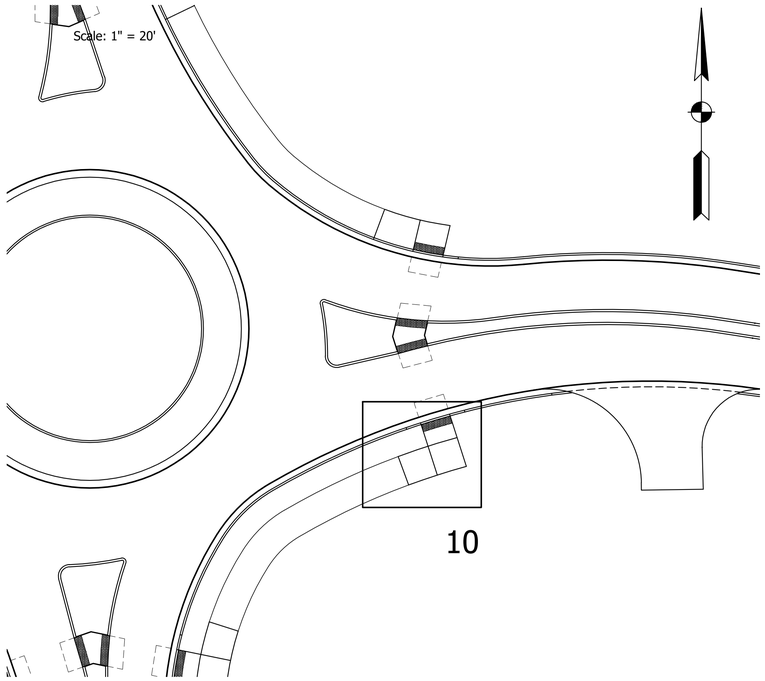
INDIANA DEPARTMENT OF TRANSPORTATION

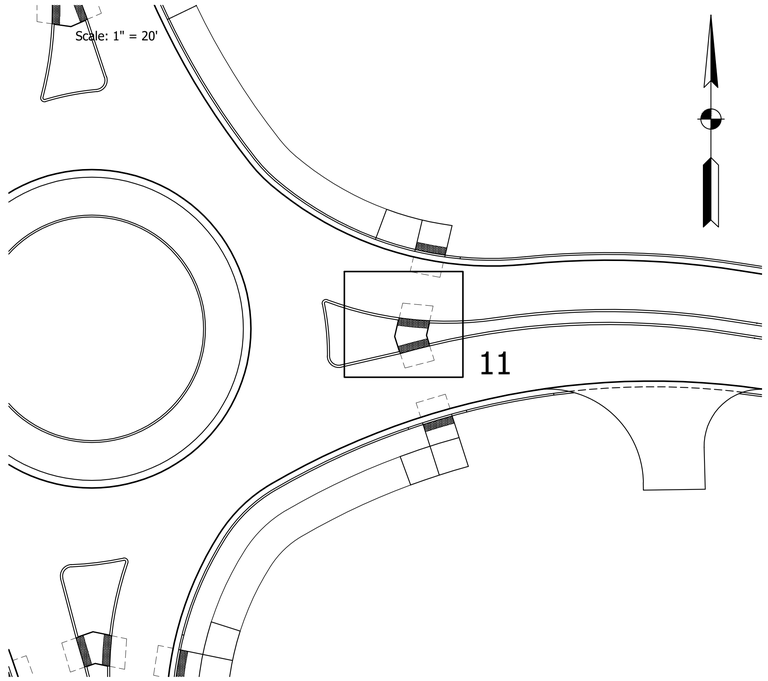
CURB RAMP DETAILS
CR 600 W / CR 300 S

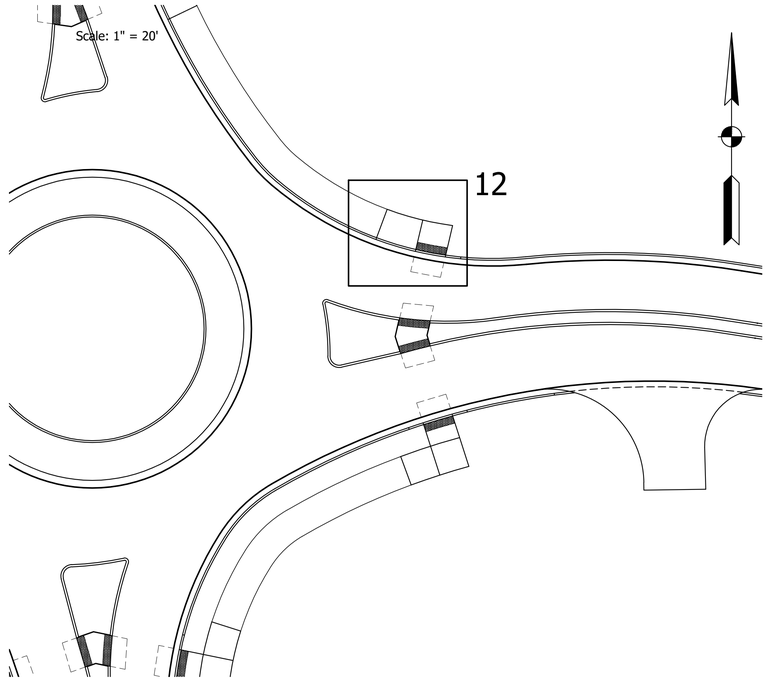
HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	
VERTICAL SCALE	DESIGNATION
AS NOTED	1802940

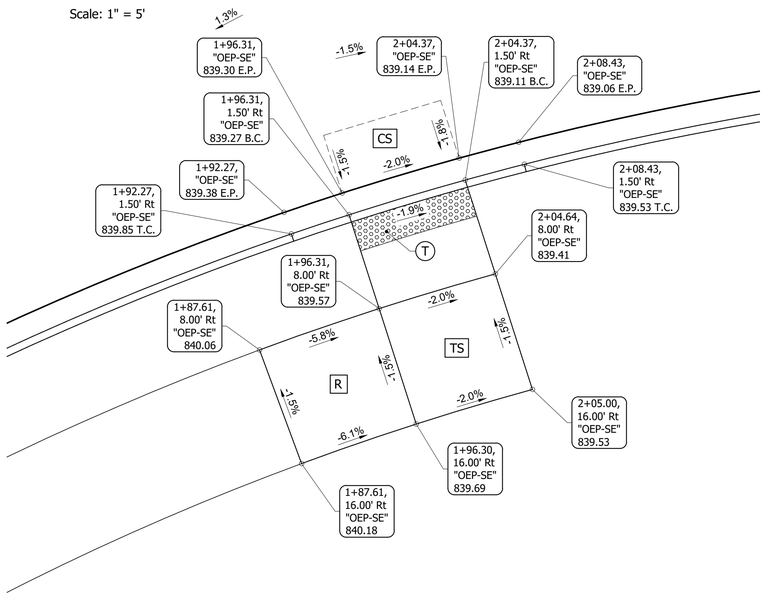
SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
R-41989	1802940

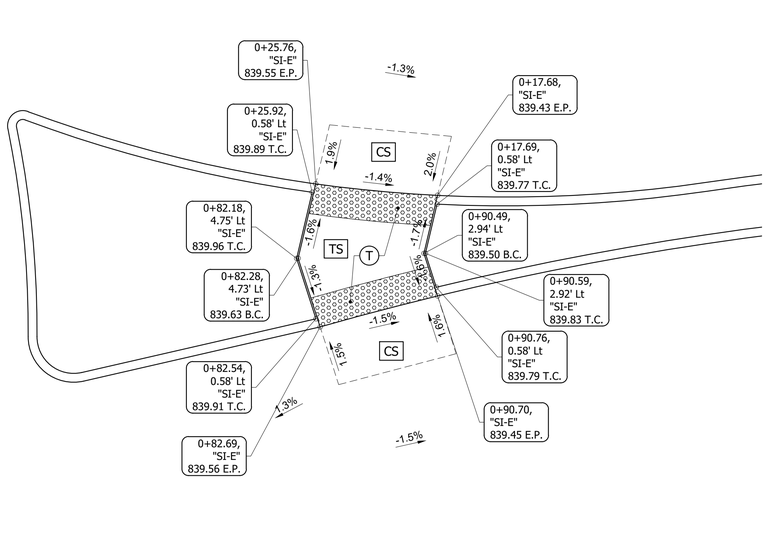
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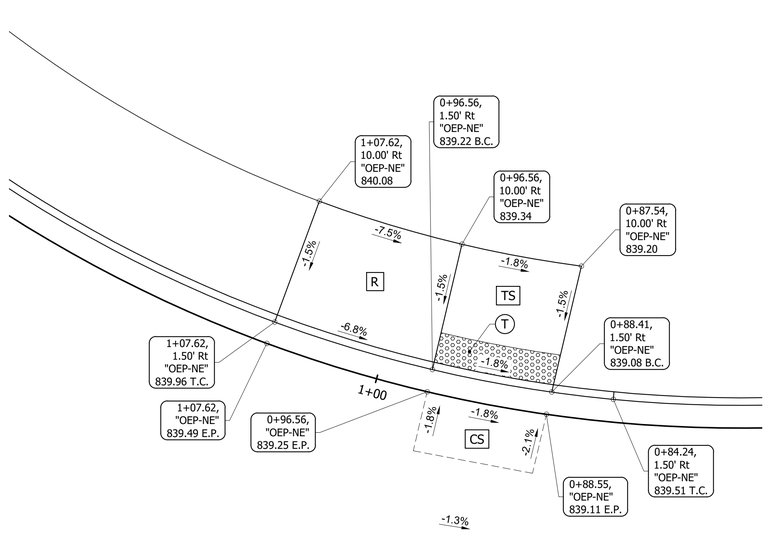












10 11 12

LEGEND

- Buffer or Other Non-Walkable Surface
- R Ramp
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- Proposed Elevations or Existing Elevations

E.P. Edge of Pavement
T.C. Top of Curb
B.C. Bottom of Curb

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

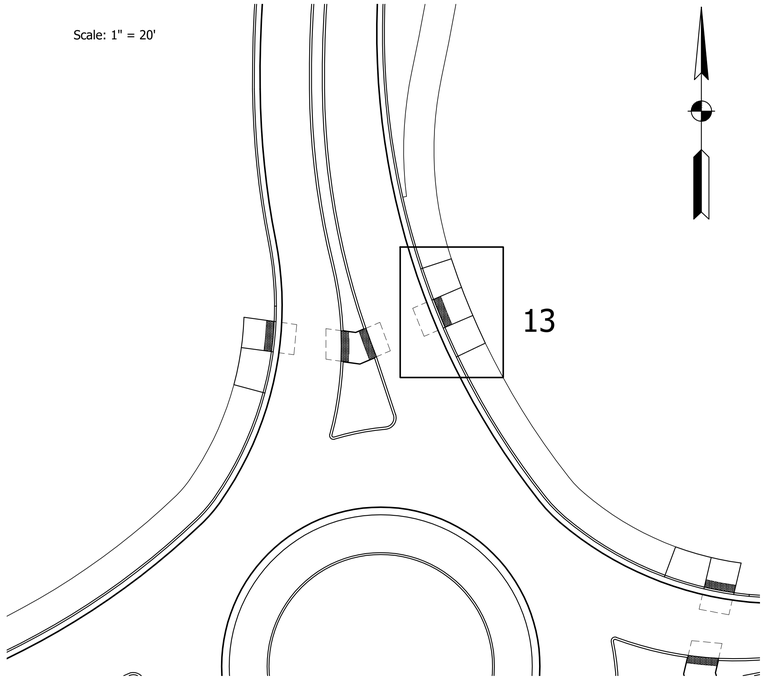
CURB RAMP DETAILS
CR 600 W / CR 300 S

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	
VERTICAL SCALE	DESIGNATION
AS NOTED	1802940

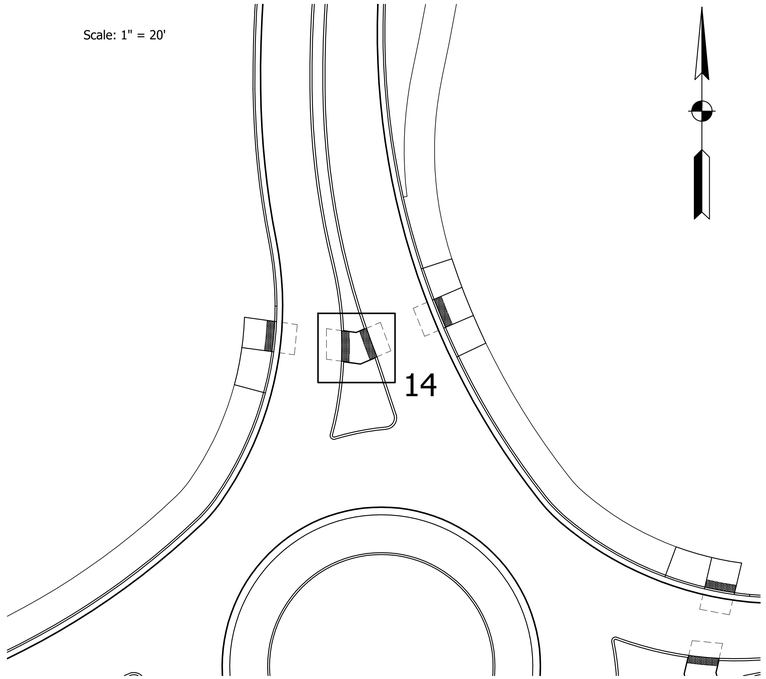
SURVEY BOOK	SHEETS
	74 of 214
CONTRACT	PROJECT
R-41989	1802940

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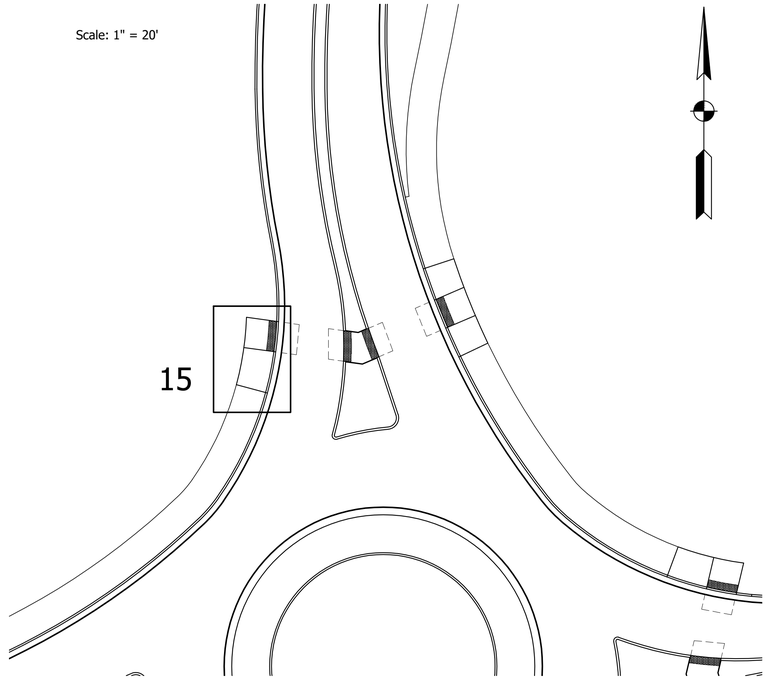
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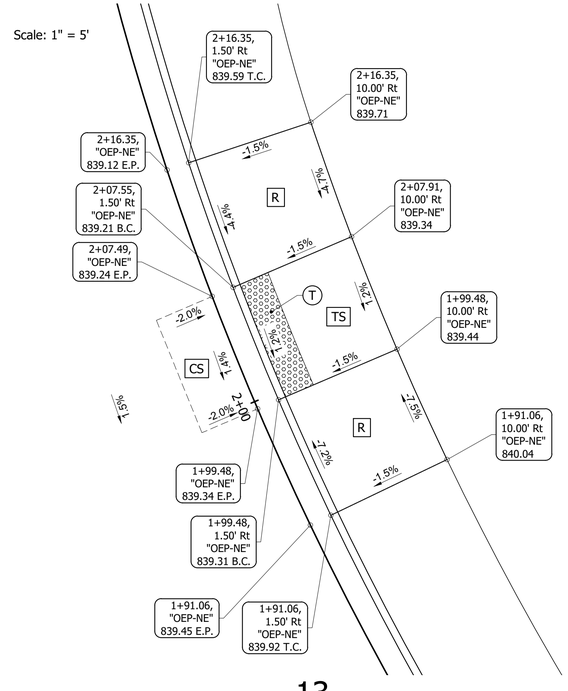
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Scale: 1" = 20'

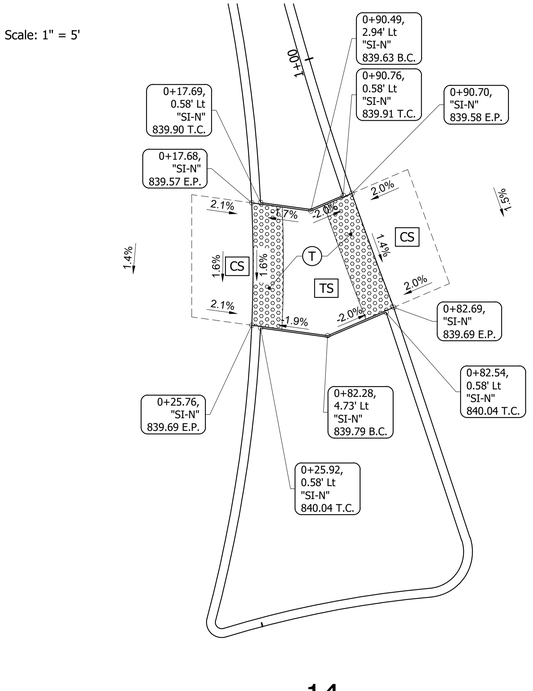


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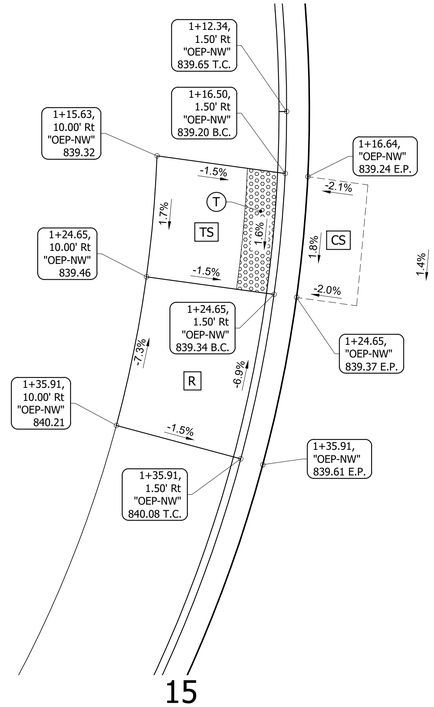
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Scale: 1" = 5'



14

Scale: 1" = 5'



15

LEGEND

- Buffer or Other Non-Walkable Surface
- R Ramp
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- Proposed Elevations or Existing Elevations

E.P. Edge of Pavement
T.C. Top of Curb
B.C. Bottom of Curb

FOR ALIGNMENT GEOMETRICS, SEE SHEETS 7-20

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL G R. Wendling 08/11/2023
DESIGN ENGINEER

DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

INDIANA DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
CR 600 W / CR 300 S

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	
VERTICAL SCALE	DESIGNATION
AS NOTED	1802940

SURVEY BOOK	SHEETS
	75 of 214
CONTRACT	PROJECT
R-41989	1802940

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	GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER	RECOMMENDED FOR APPROVAL g R. Wendling 08/11/2023 DESIGN ENGINEER
		DESIGNED: PEC DRAWN: PEC
		CHECKED: GRW CHECKED: GRW

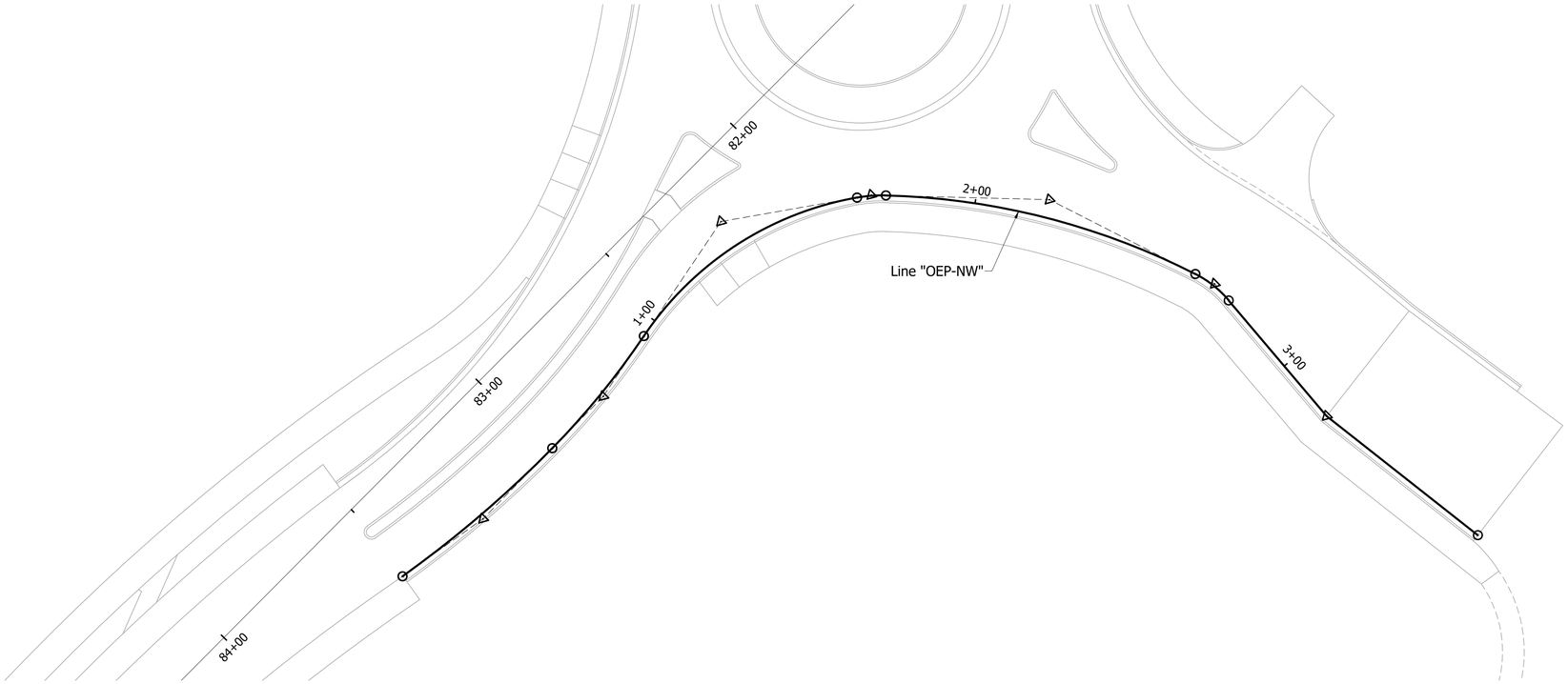
INDIANA
DEPARTMENT OF TRANSPORTATION

GRADING PLAN
CR 600 W / CR 300 S

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940

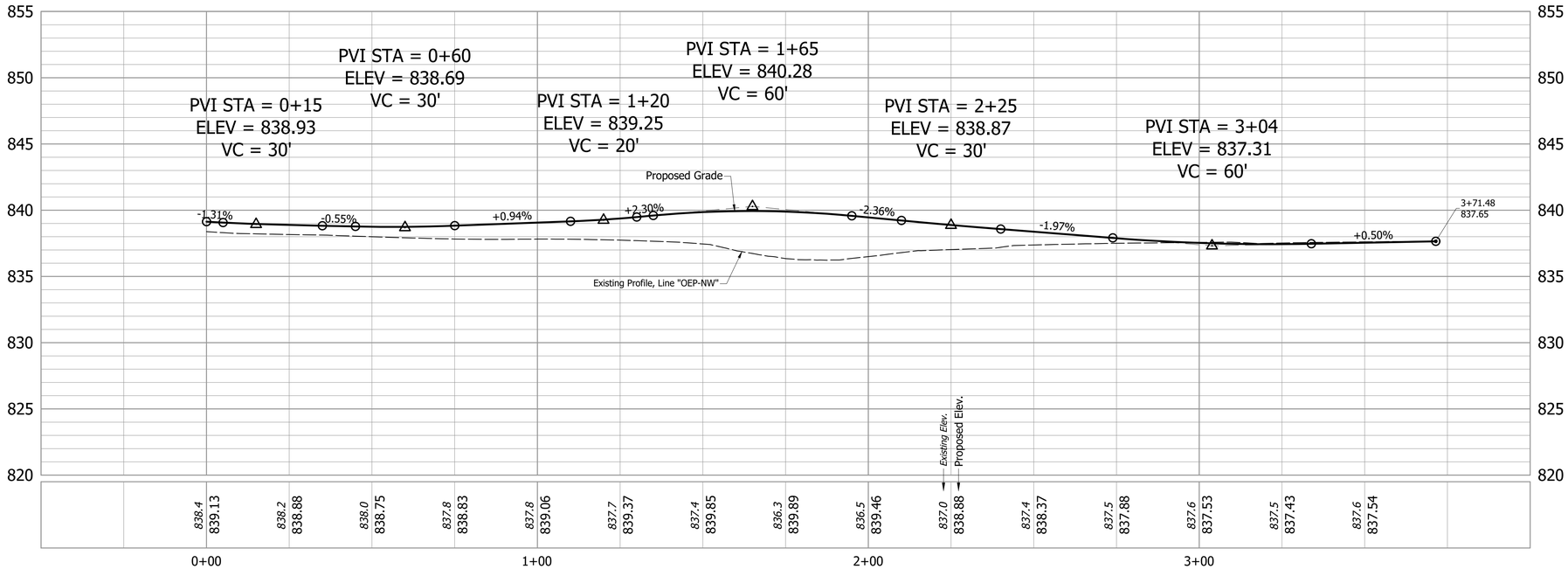
SURVEY BOOK	SHEETS
	76 of 214
CONTRACT	PROJECT
R-41989	1802940

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FOR EDGE OF PAVEMENT LAYOUT & ALIGNMENT INFORMATION, SEE GEOMETRIC LAYOUT SHEETS 7-20

OEP-NW



GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED:	PEC	DRAWN:	PEC
CHECKED:	GRW	CHECKED:	GRW

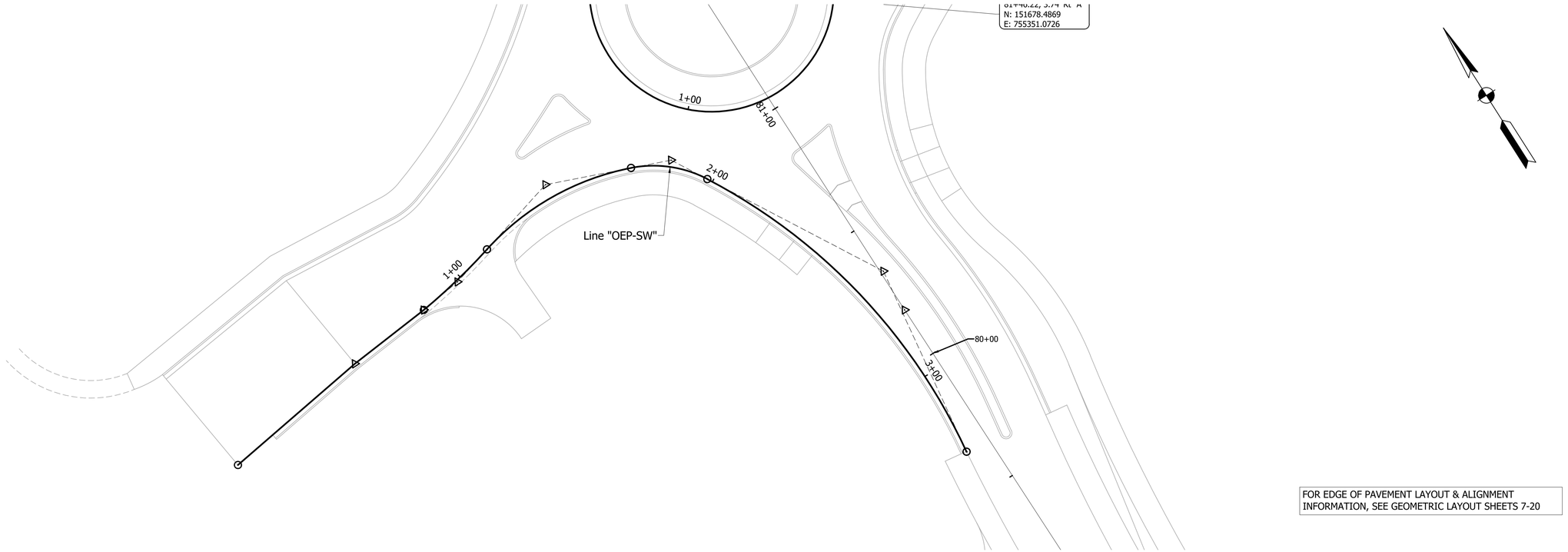
INDIANA
DEPARTMENT OF TRANSPORTATION

SPOT ELEVATION DETAILS
CR 600 W / CR 300 S

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940

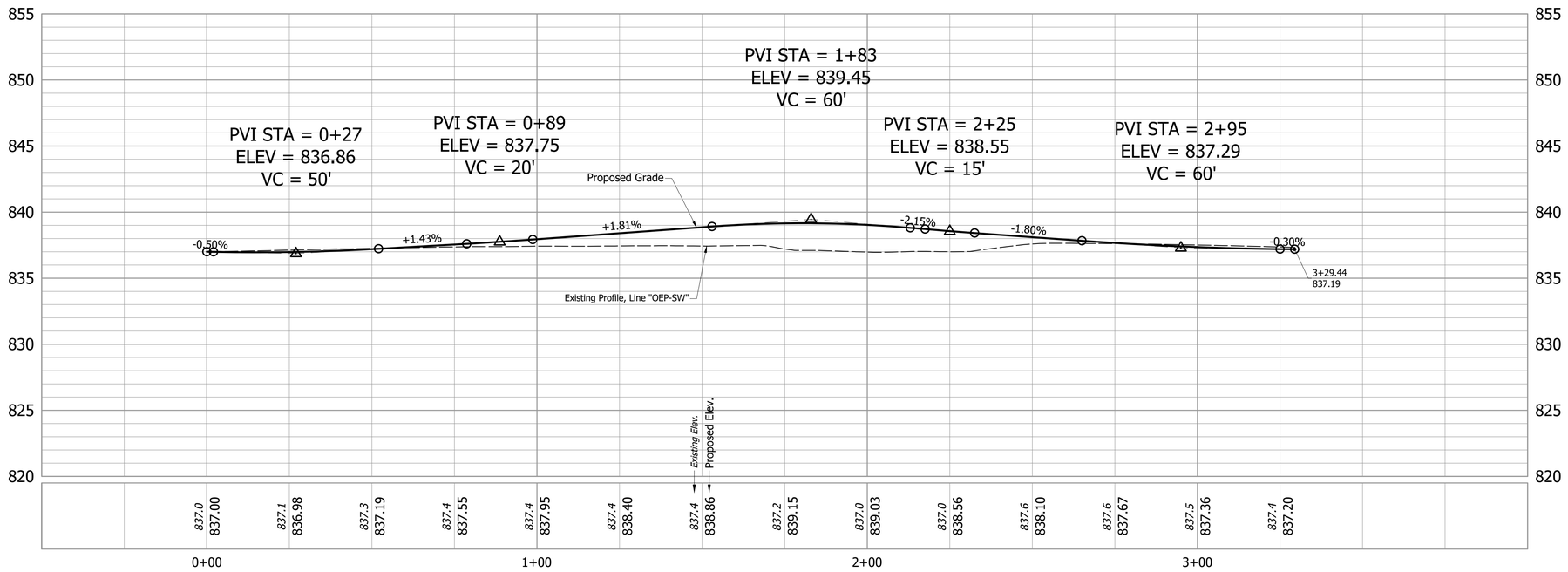
SURVEY BOOK	SHEETS
	77 of 214
CONTRACT	PROJECT
R-41989	1802940

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FOR EDGE OF PAVEMENT LAYOUT & ALIGNMENT INFORMATION, SEE GEOMETRIC LAYOUT SHEETS 7-20

OEP-SW



GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC

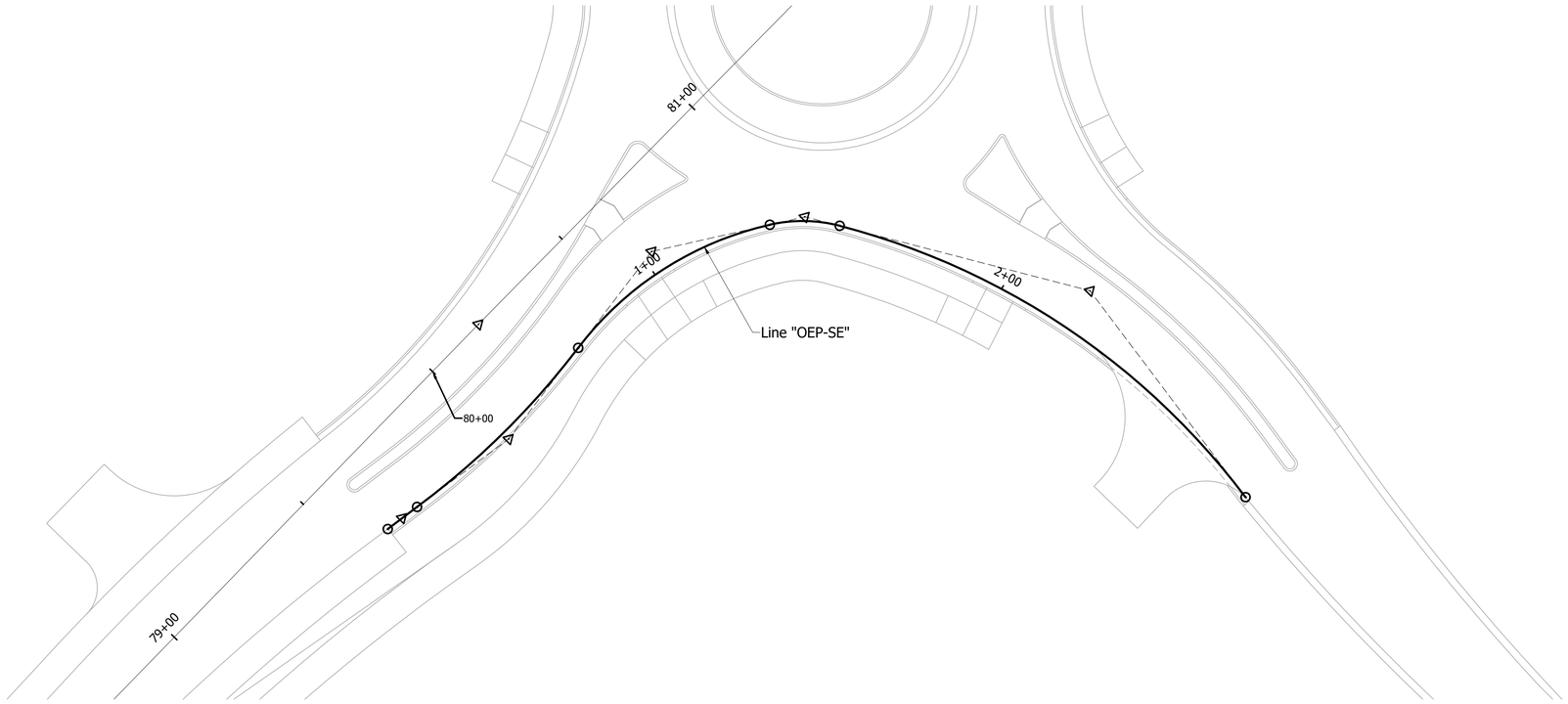
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INDIANA
DEPARTMENT OF TRANSPORTATION

SPOT ELEVATION DETAILS
CR 600 W / CR 300 S

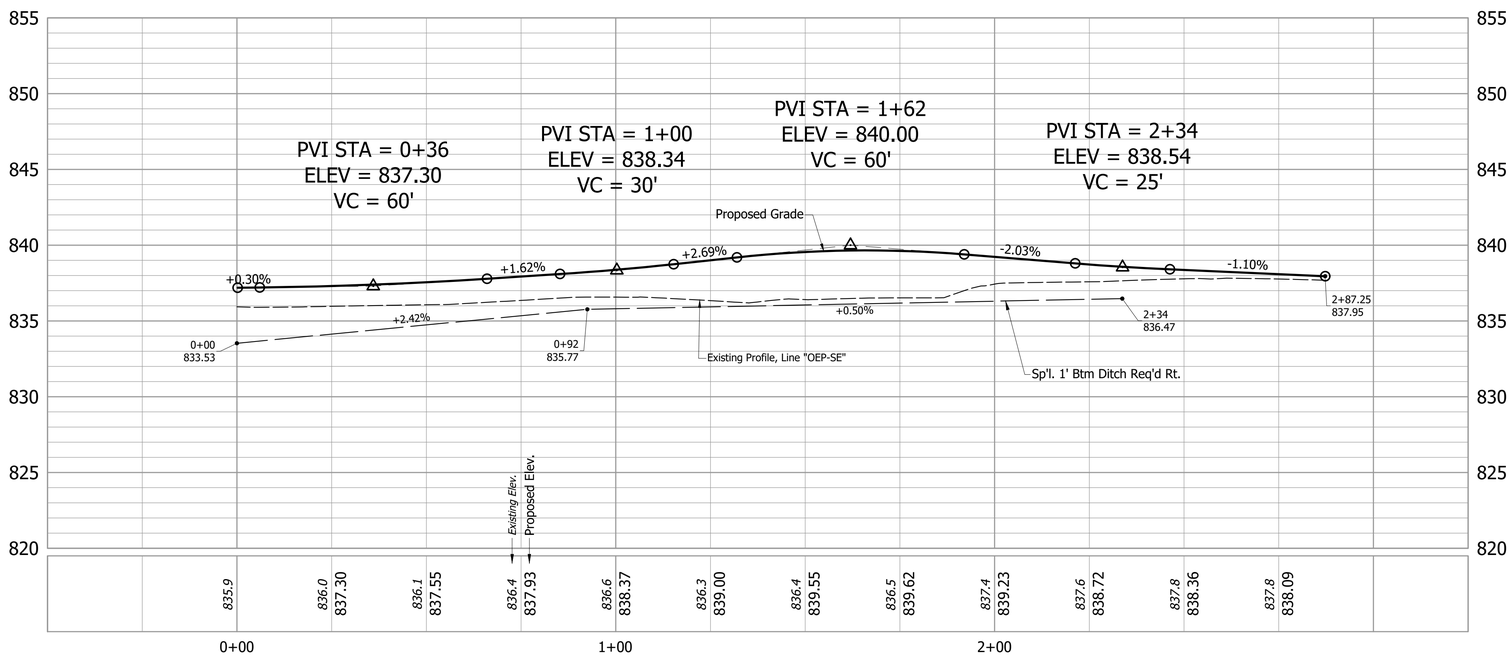
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940
SURVEY BOOK	SHEETS
	78 of 214
CONTRACT	PROJECT
R-41989	1802940

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FOR EDGE OF PAVEMENT LAYOUT & ALIGNMENT INFORMATION, SEE GEOMETRIC LAYOUT SHEETS 7-20

OEP-SE



GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC

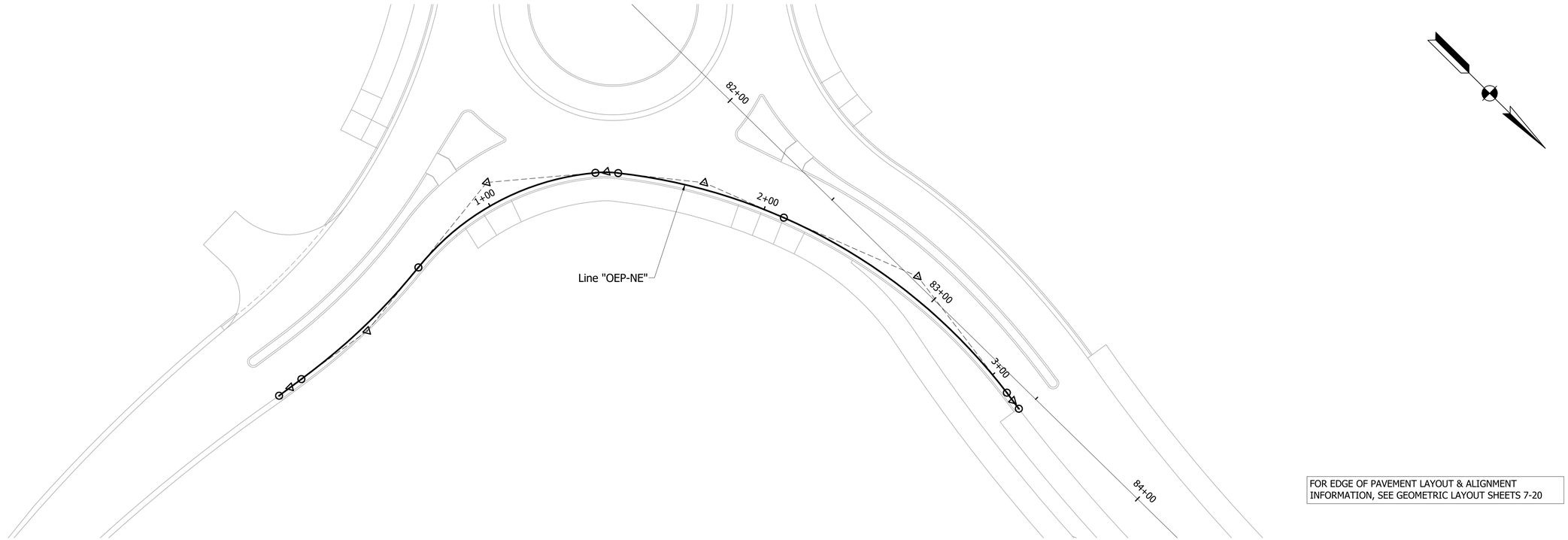
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INDIANA
DEPARTMENT OF TRANSPORTATION

SPOT ELEVATION DETAILS
CR 600 W / CR 300 S

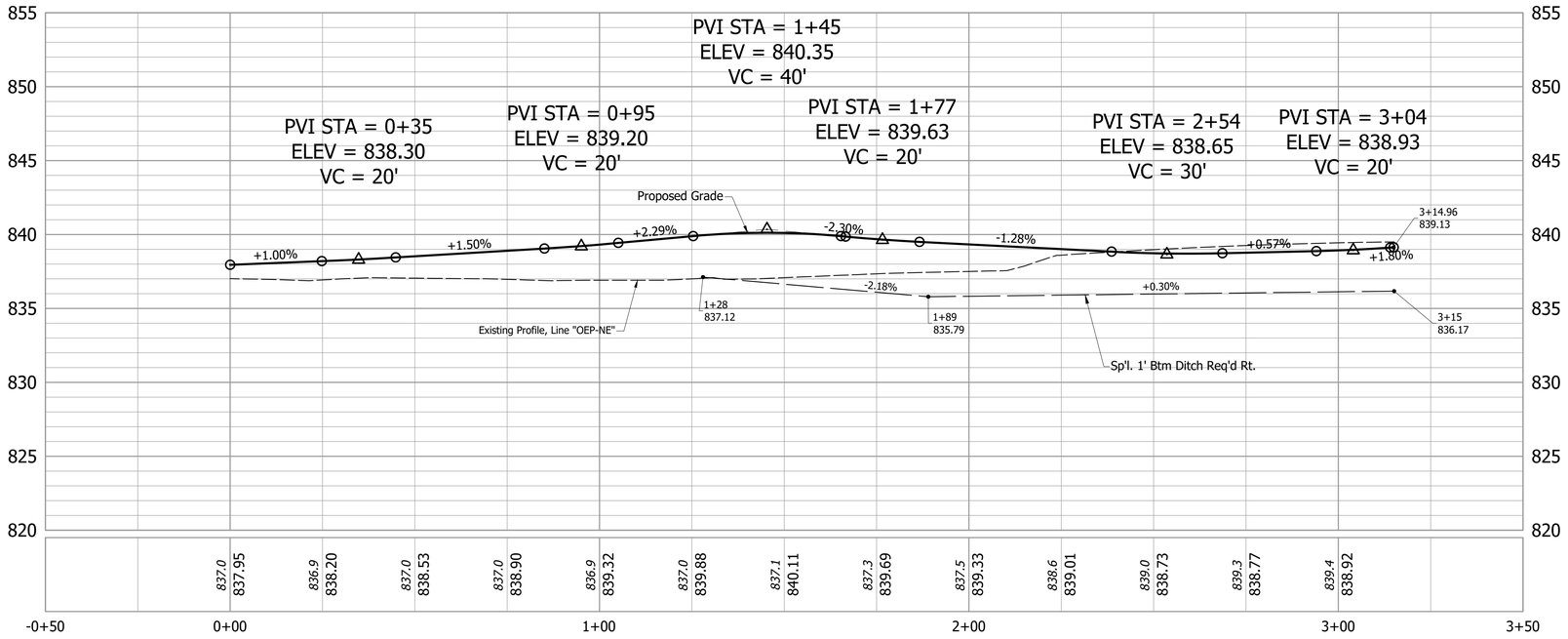
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940
SURVEY BOOK	SHEETS
	79 of 214
CONTRACT	PROJECT
R-41989	1802940

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FOR EDGE OF PAVEMENT LAYOUT & ALIGNMENT INFORMATION, SEE GEOMETRIC LAYOUT SHEETS 7-20

OEP-NE



GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED:	PEC	DRAWN:	PEC
CHECKED:	GRW	CHECKED:	GRW

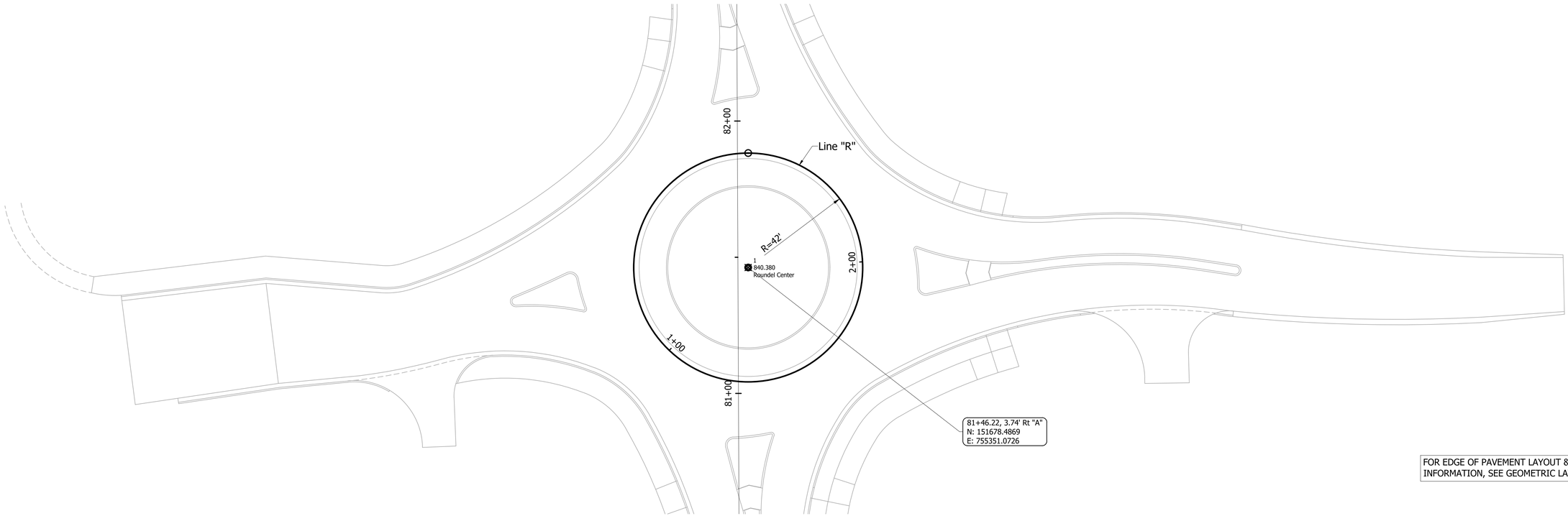
INDIANA DEPARTMENT OF TRANSPORTATION

SPOT ELEVATION DETAILS
CR 600 W / CR 300 S

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940

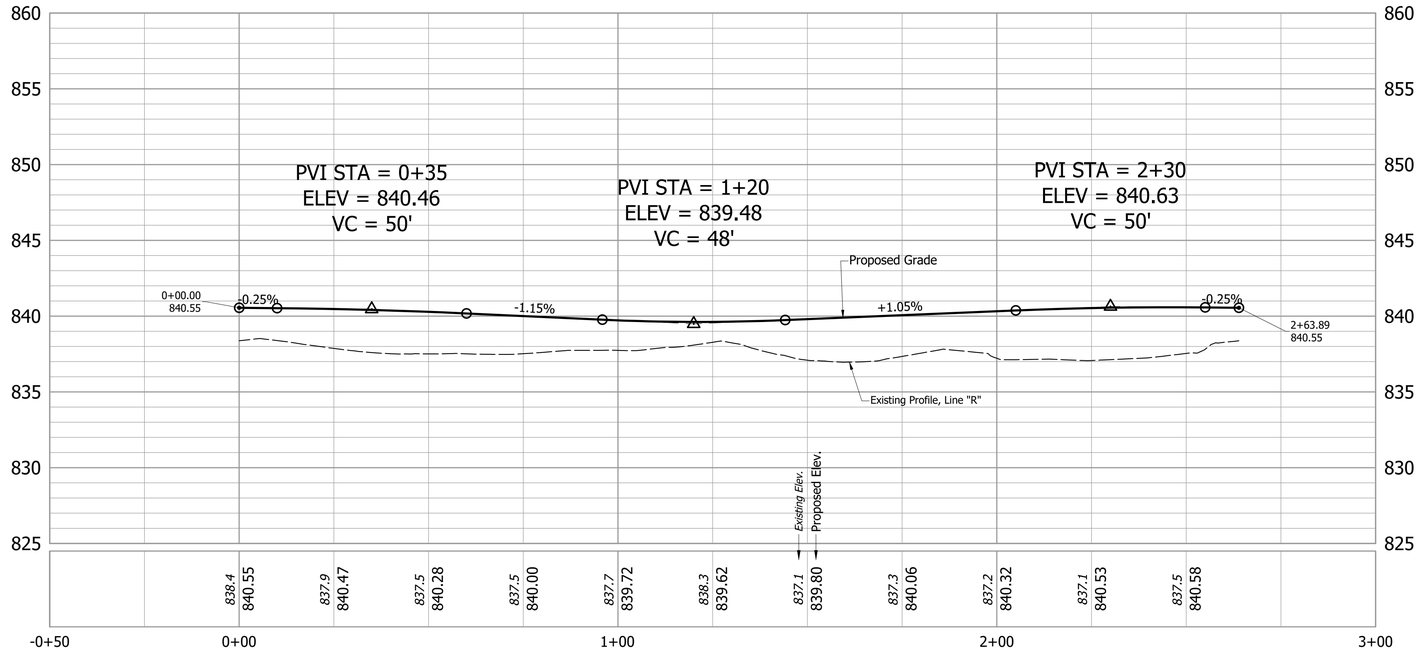
SURVEY BOOK	SHEETS
	80 of 214
CONTRACT	PROJECT
R-41989	1802940

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FOR EDGE OF PAVEMENT LAYOUT & ALIGNMENT INFORMATION, SEE GEOMETRIC LAYOUT SHEETS 7-20

R



GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

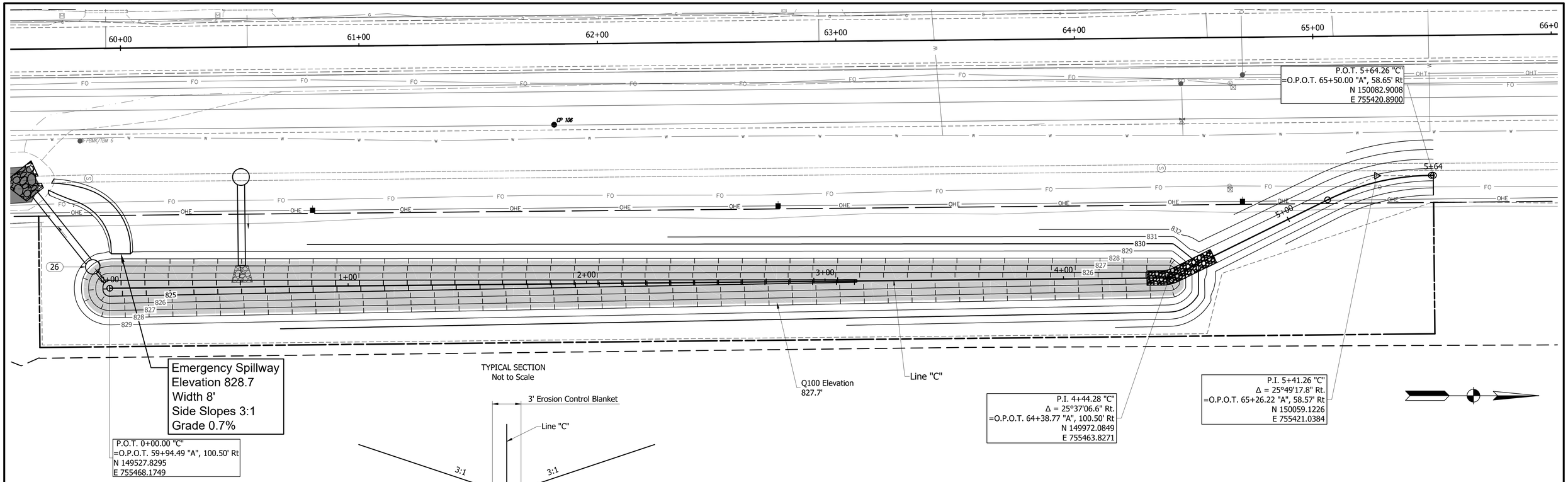
INDIANA
DEPARTMENT OF TRANSPORTATION

SPOT ELEVATION DETAILS
CR 600 W / CR 300 S

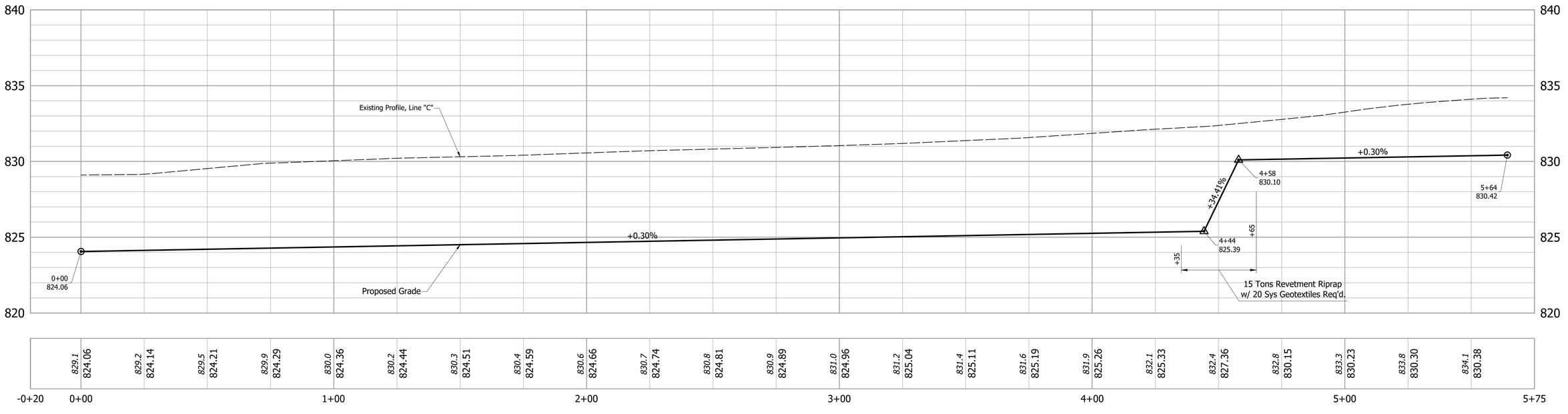
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940

SURVEY BOOK	SHEETS
	81 of 214
CONTRACT	PROJECT
R-41989	1802940

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C



GREGORY R. WENDLING
REGISTERED
No. PE19300399
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC

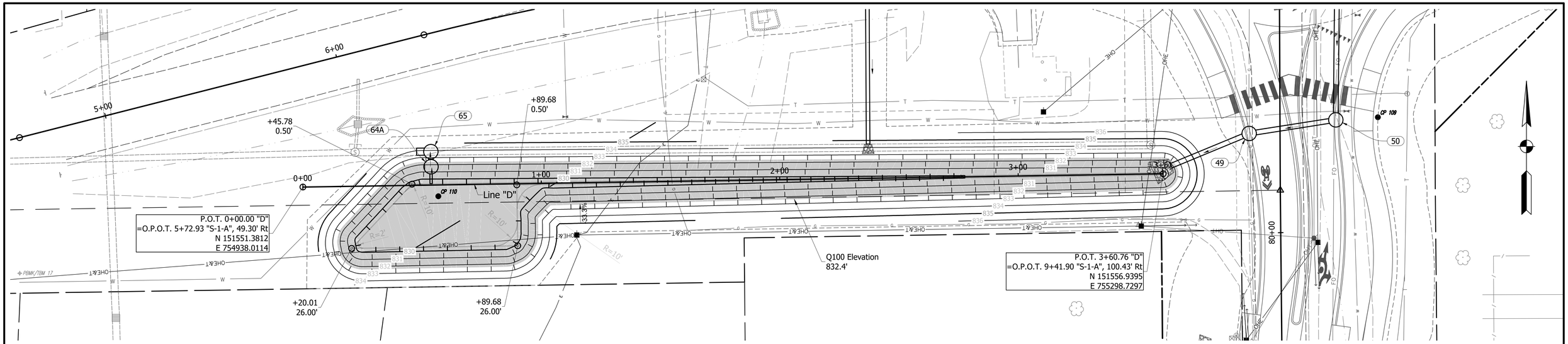
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INDIANA
DEPARTMENT OF TRANSPORTATION

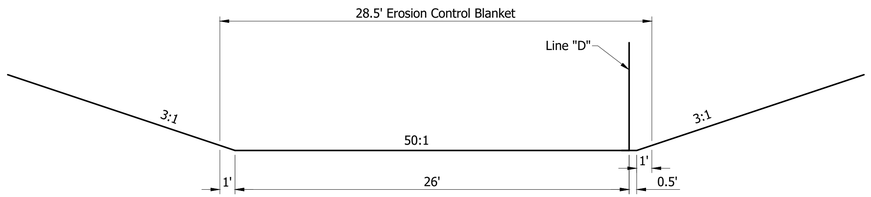
DETENTION DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
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VERTICAL SCALE	DESIGNATION
1" = 20'	1802940
SURVEY BOOK	SHEETS
	82 of 214
CONTRACT	PROJECT
R-41989	1802940

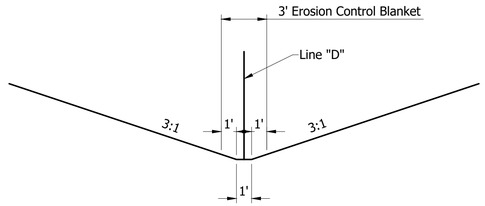
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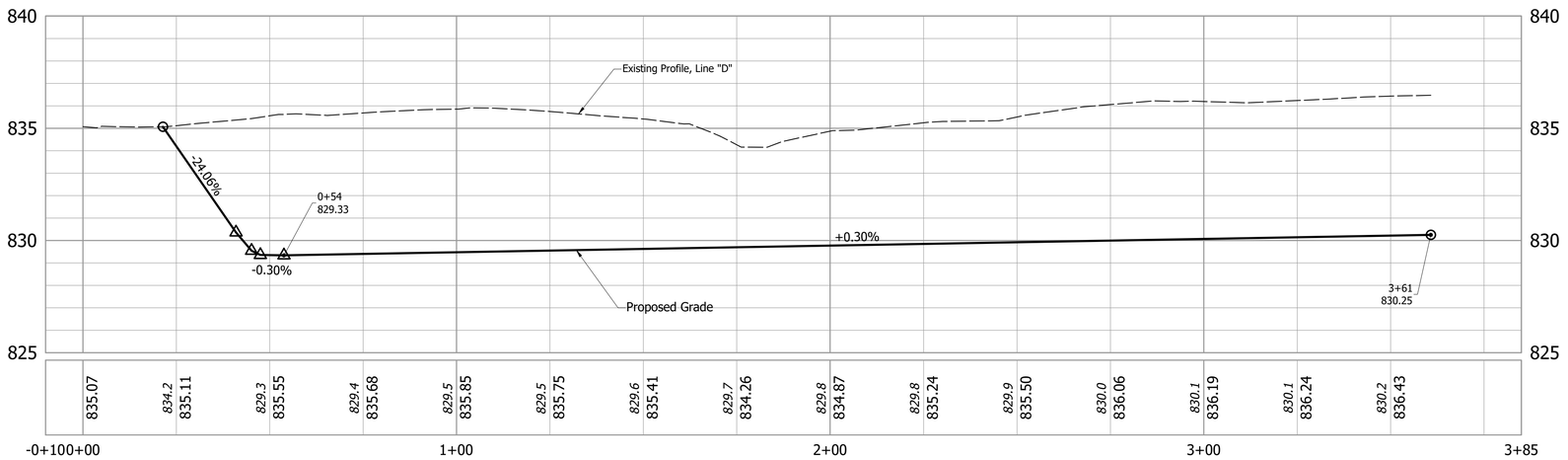
TYPICAL SECTION
Not to Scale
Varies from Sta. 0+20.01 to Sta. 0+45.78 Line "D"
Sta. 0+45.78 to Sta. 0+89.68 Line "D"



TYPICAL SECTION
Not to Scale
Sta. 0+89.68 to Sta. 3+60.76 Line "D"



D



GREGORY R. WENDLING
REGISTERED
No. PE19300399
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER
08/11/2023

DESIGNED:	PEC	DRAWN:	PEC
CHECKED:	GRW	CHECKED:	GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

DETENTION DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1802940

SURVEY BOOK	SHEETS
	83 of 214
CONTRACT	PROJECT
R-41989	1802940

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1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

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1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

Constr. Limits

Ex. R/W

Constr. Limits

Ex. R/W

30+00 31+00 32+00 33+00 34+00 35+00 36+00 37+00 38+00 39+00 40+00 41+00 42+00

MATCH LINE STA. 42+00

MATCH LINE STA. 42+00

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

Constr. Limits

Ex. R/W

Constr. Limits

1.4 tons 18" depth Revetment Riprap
on 2.8 sys of Geotexile for Riprap Type 1A

43+00 44+00 45+00 46+00 47+00 48+00 49+00 50+00 51+00 52+00 53+00 54+00

MATCH LINE STA. 54+00

LEGEND

- TC — Temporary Check Dam, Traversable
- TL — Temporary Check Dam, Traversable, Low Profile
- PP — Temporary Perimeter Protection, Filter Sock
- Permanent Riprap on Geotextiles
- IP — Temporary Inlet Protection

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC DRAWN: PEC

CHECKED: GRW CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	
VERTICAL SCALE	DESIGNATION
1" = 40'	1802940
SURVEY BOOK	SHEETS
	84 of 214
CONTRACT	PROJECT
R-41989	1802940

MATCH LINE STA. 54+00

MATCH LINE STA. 66+00

1.4 tons 18" depth Revetment Riprap on 2.8 sys of Geotexile for Riprap Type 1A

Constr. Limits

Ex. R/W

R/W

TC

PP

55+00 56+00 57+00 58+00 59+00 60+00 61+00 62+00 63+00 64+00 65+00

CP 105

CP 106

4-PBMK/TBM 8

7.7 tons 18" depth Revetment Riprap on 15.5 sys of Geotexile for Riprap Type 1A

26

2.0 tons 18" depth Revetment Riprap on 4.0 sys of Geotexile for Riprap Type 1A

MATCH LINE STA. 66+00

MATCH LINE STA. 78+00

67+00 68+00 69+00 70+00 71+00 72+00 73+00 74+00 75+00 76+00 77+00

CP 107

CP 108

4-PBMK/TBM 7

4-PBMK/TBM 9

LEGEND

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RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

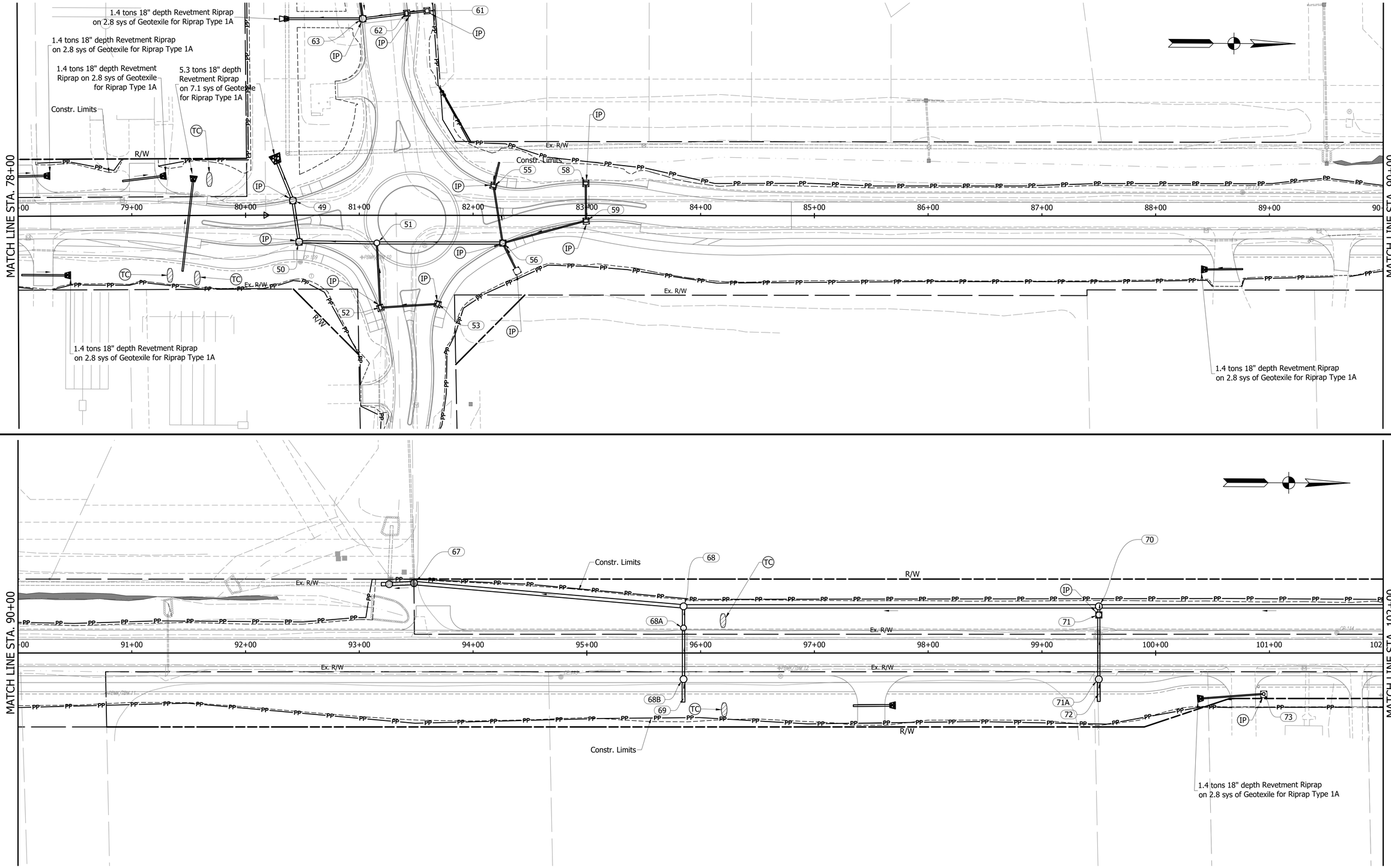
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CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	
VERTICAL SCALE	DESIGNATION
1" = 40'	1802940
SURVEY BOOK	SHEETS
	85 of 214
CONTRACT	PROJECT
R-41989	1802940



LEGEND

- TC — Temporary Check Dam, Traversable
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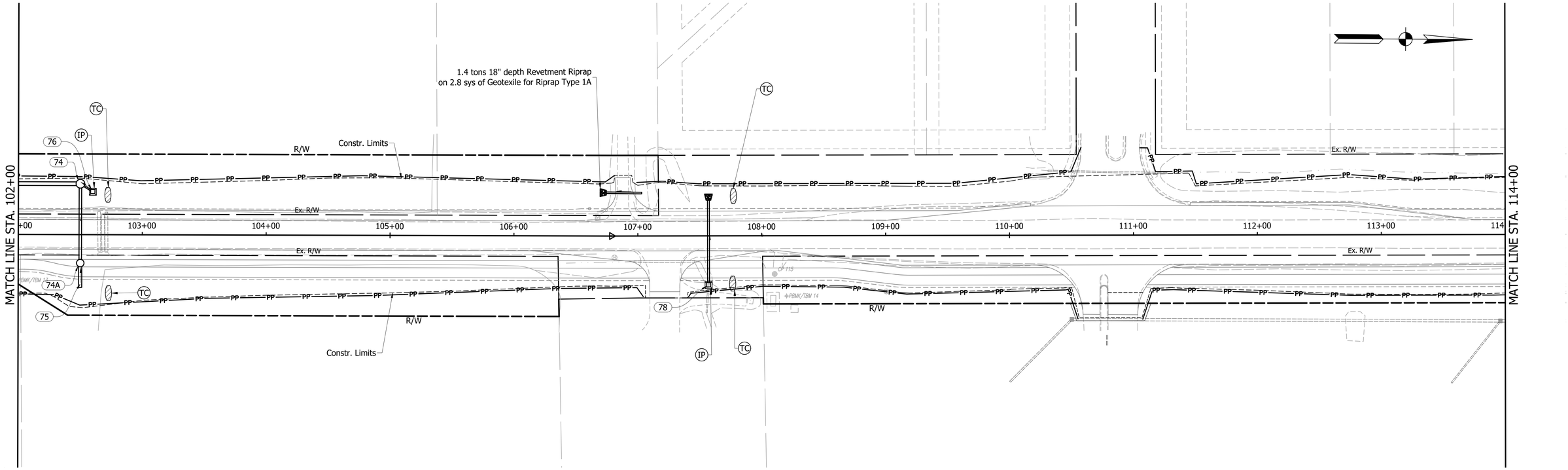
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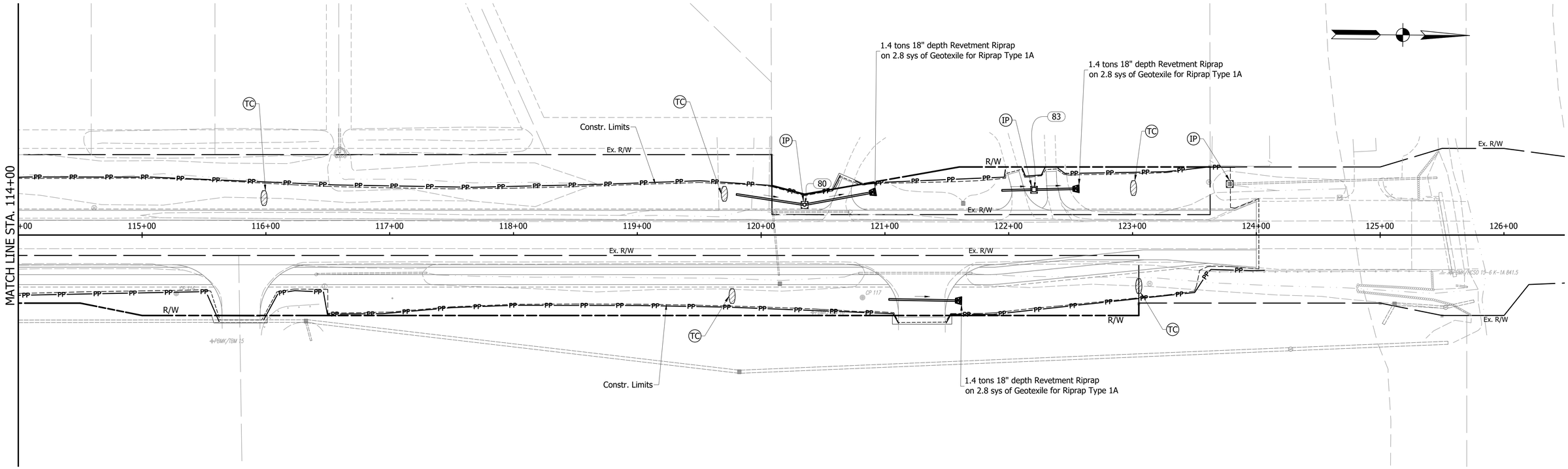
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CHECKED: GRW	CHECKED: GRW

INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	
VERTICAL SCALE	DESIGNATION
1" = 40'	1802940
SURVEY BOOK	SHEETS
	86 of 214
CONTRACT	PROJECT
R-41989	1802940





LEGEND

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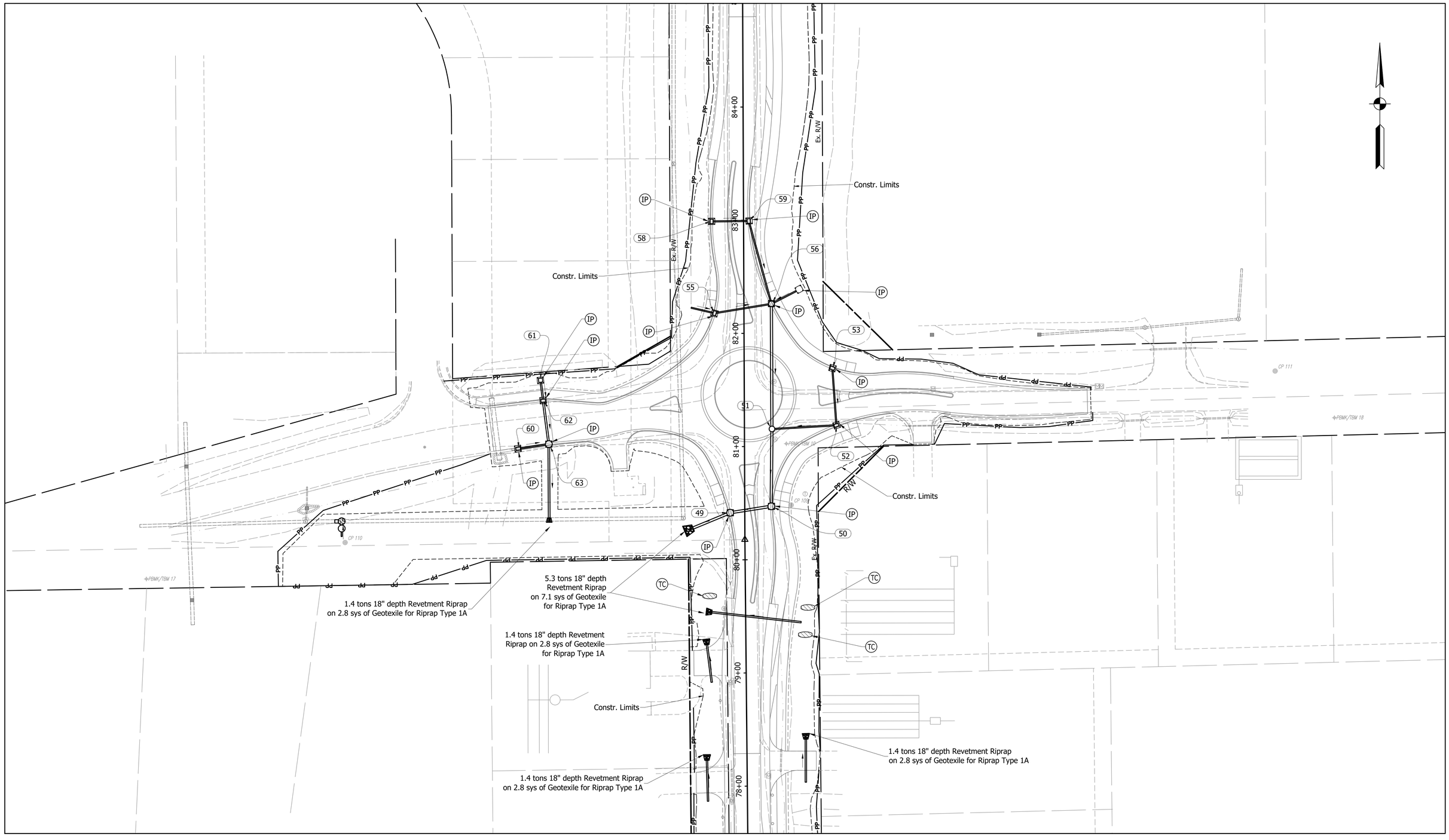
RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED:	PEC	DRAWN:	PEC
CHECKED:	GRW	CHECKED:	GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	
VERTICAL SCALE	DESIGNATION
1" = 40'	1802940
SURVEY BOOK	SHEETS
	87 of 214
CONTRACT	PROJECT
R-41989	1802940



LEGEND

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GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	
VERTICAL SCALE	DESIGNATION
1" = 40'	1802940
SURVEY BOOK	SHEETS
	88 of 214
CONTRACT	PROJECT
R-41989	1802940

LUMINAIRE DESIGN DATA

Roadway Classification		Arterial/Collector
Luminaire Style		Roadway Luminaire
Lamp Type		LED
Luminaire Classification (IES Distribution)		Medium, Type II
Photometric IES File Number		ERLH-10B340.IES
Avg. Maintained Horz. Illuminance, E_h	(fc)	1.7
Uniformity Ratio		4.3:1
Operating Voltage	(V)	120/240
Input Wattage	(W)	82.00
Luminaire Operating Amperage	(A)	0.68
Initial Lamp Lumens (LL)		10,000
Light Loss Factor (LLF)		0.86
Maintained Lumens (LL X LLF)		8,600
Mounting Height (MH)	(ft)	28.0
Luminaire Overhang (+) or Setback (-) from Thru Lane Edge of Pavement	(ft)	See Pole Schedule
Calculation Results		
Avg. Illuminance	(fc)	1.70
Max. Illuminance	(fc)	5.10
Min. Illuminance	(fc)	0.40
Uniformity Ratio (Avg./Min.)		4.3:1

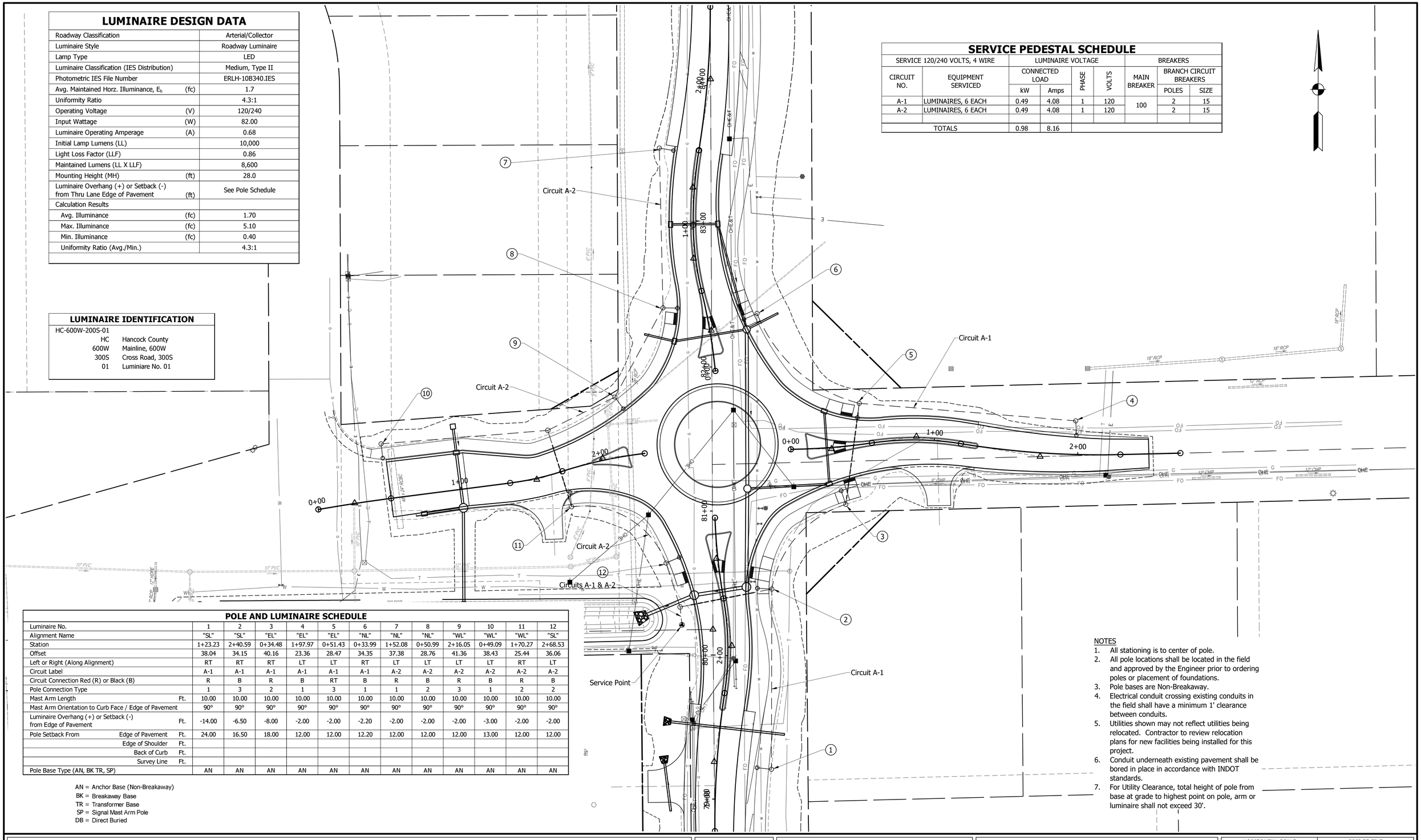
LUMINAIRE IDENTIFICATION

HC-600W-200S-01

HC	Hancock County
600W	Mainline, 600W
300S	Cross Road, 300S
01	Luminiare No. 01

SERVICE PEDESTAL SCHEDULE

SERVICE 120/240 VOLTS, 4 WIRE		LUMINAIRE VOLTAGE				BREAKERS		
CIRCUIT NO.	EQUIPMENT SERVICED	CONNECTED LOAD		PHASE	VOLTS	MAIN BREAKER	BRANCH CIRCUIT BREAKERS	
		kW	Amps				POLES	SIZE
A-1	LUMINAIRES, 6 EACH	0.49	4.08	1	120	100	2	15
A-2	LUMINAIRES, 6 EACH	0.49	4.08	1	120		2	15
TOTALS		0.98	8.16					



POLE AND LUMINAIRE SCHEDULE

Luminaire No.		1	2	3	4	5	6	7	8	9	10	11	12
Alignment Name		"SL"	"SL"	"EL"	"EL"	"EL"	"NL"	"NL"	"NL"	"WL"	"WL"	"WL"	"SL"
Station		1+23.23	2+40.59	0+34.48	1+97.97	0+51.43	0+33.99	1+52.08	0+50.99	2+16.05	0+49.09	1+70.27	2+68.53
Offset		38.04	34.15	40.16	23.36	28.47	34.35	37.38	28.76	41.36	38.43	25.44	36.06
Left or Right (Along Alignment)		RT	RT	RT	LT	LT	RT	LT	LT	LT	LT	RT	LT
Circuit Label		A-1	A-1	A-1	A-1	A-1	A-1	A-2	A-2	A-2	A-2	A-2	A-2
Circuit Connection Red (R) or Black (B)		R	B	R	B	RT	B	R	B	R	B	R	B
Pole Connection Type		1	3	2	1	3	1	1	2	3	1	2	2
Mast Arm Length	Ft.	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Mast Arm Orientation to Curb Face / Edge of Pavement		90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°
Luminaire Overhang (+) or Setback (-) from Edge of Pavement	Ft.	-14.00	-6.50	-8.00	-2.00	-2.00	-2.20	-2.00	-2.00	-2.00	-3.00	-2.00	-2.00
Pole Setback From Edge of Pavement	Ft.	24.00	16.50	18.00	12.00	12.00	12.20	12.00	12.00	12.00	13.00	12.00	12.00
Edge of Shoulder	Ft.												
Back of Curb	Ft.												
Survey Line	Ft.												
Pole Base Type (AN, BK TR, SP)		AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN

AN = Anchor Base (Non-Breakaway)
BK = Breakaway Base
TR = Transformer Base
SP = Signal Mast Arm Pole
DB = Direct Buried

NOTES
1. All stationing is to center of pole.
2. All pole locations shall be located in the field and approved by the Engineer prior to ordering poles or placement of foundations.
3. Pole bases are Non-Breakaway.
4. Electrical conduit crossing existing conduits in the field shall have a minimum 1' clearance between conduits.
5. Utilities shown may not reflect utilities being relocated. Contractor to review relocation plans for new facilities being installed for this project.
6. Conduit underneath existing pavement shall be bored in place in accordance with INDOT standards.
7. For Utility Clearance, total height of pole from base at grade to highest point on pole, arm or luminaire shall not exceed 30'.

LEGEND

- Service Point (120/240 Volts)
- Handhole, Type II, Polymer Concrete unless noted otherwise
- Roadway Luminaire and Pole on Breakaway Base
- (X) Luminaire and Pole Number
- 2" Galvanized Steel Conduit
- 4-1/C #4 Copper Wire in Plastic Duct in Trench

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

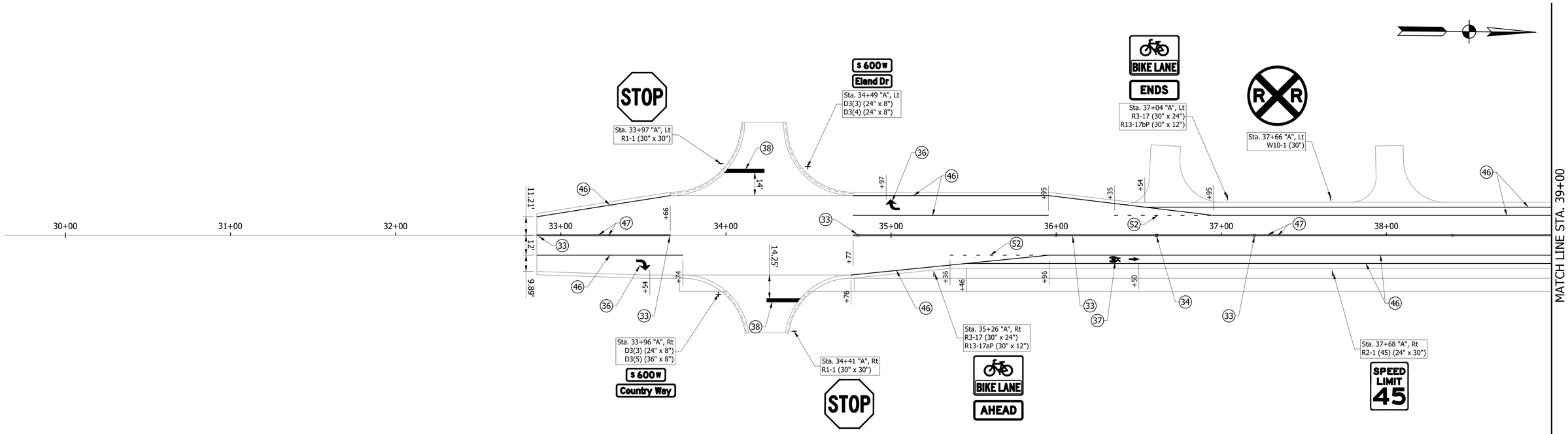
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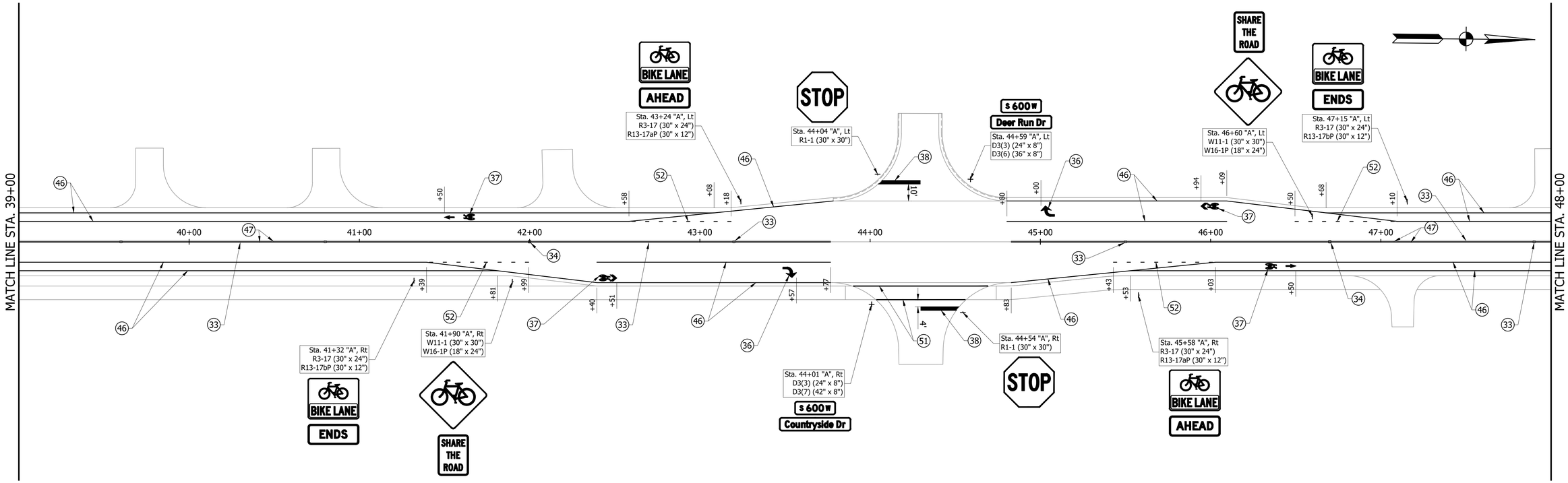
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INDIANA DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
CR 600 W / CR 300 S

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	1802940
SURVEY BOOK	SHEETS
	89 of 214
CONTRACT	PROJECT
R-41989	1802940





(33) Snowplowable Raised Pavement Marker
(34) Snowplowable Raised Pavement Marker, Blue
(36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
(37) Pavement Message Marking, Thermoplastic, Bike Symbol
(38) Transverse Marking, Thermoplastic, Stop Line, 24"
(46) Line, Thermoplastic, Solid, White, 4", Grooved
(47) Line, Thermoplastic, Solid, Yellow, 4", Grooved
(49) Line, Thermoplastic, Broken, Yellow, 4", Grooved
(50) Line, Thermoplastic, Broken, Yellow, 8"
(51) Line, Thermoplastic, Solid, White, 6"
(52) Line, Thermoplastic, Dotted, White, 4", Grooved

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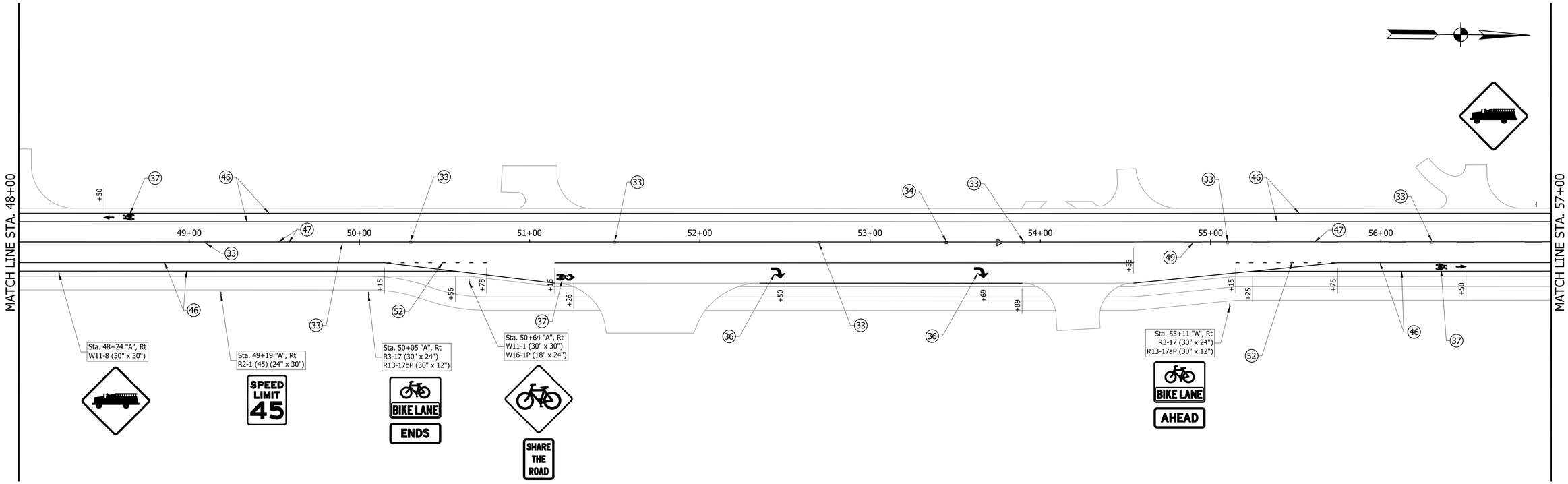
RECOMMENDED FOR APPROVAL
G R. Wendling 08/11/2023
DESIGN ENGINEER

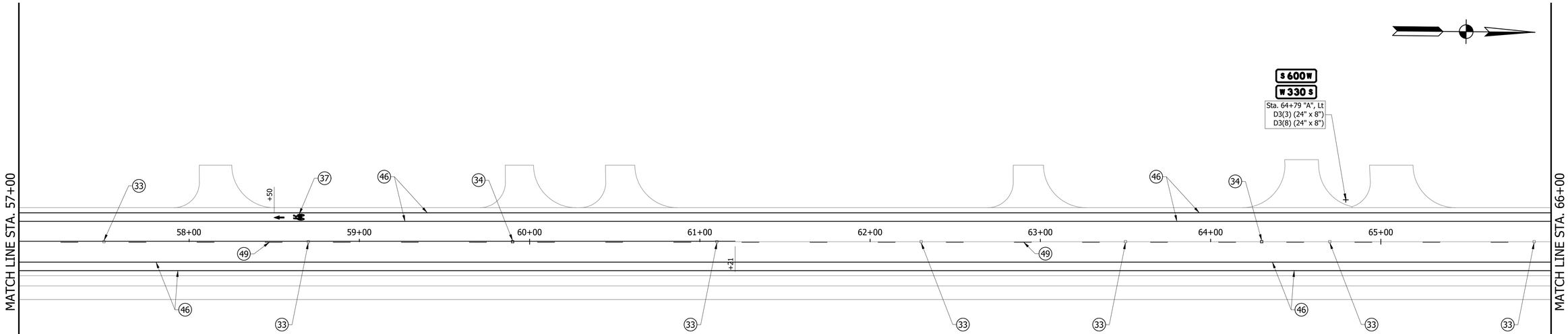
DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS & SIGNING DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940
SURVEY BOOK	SHEETS
	90 of 214
CONTRACT	PROJECT
R-41989	1802940





(33) Snowplowable Raised Pavement Marker
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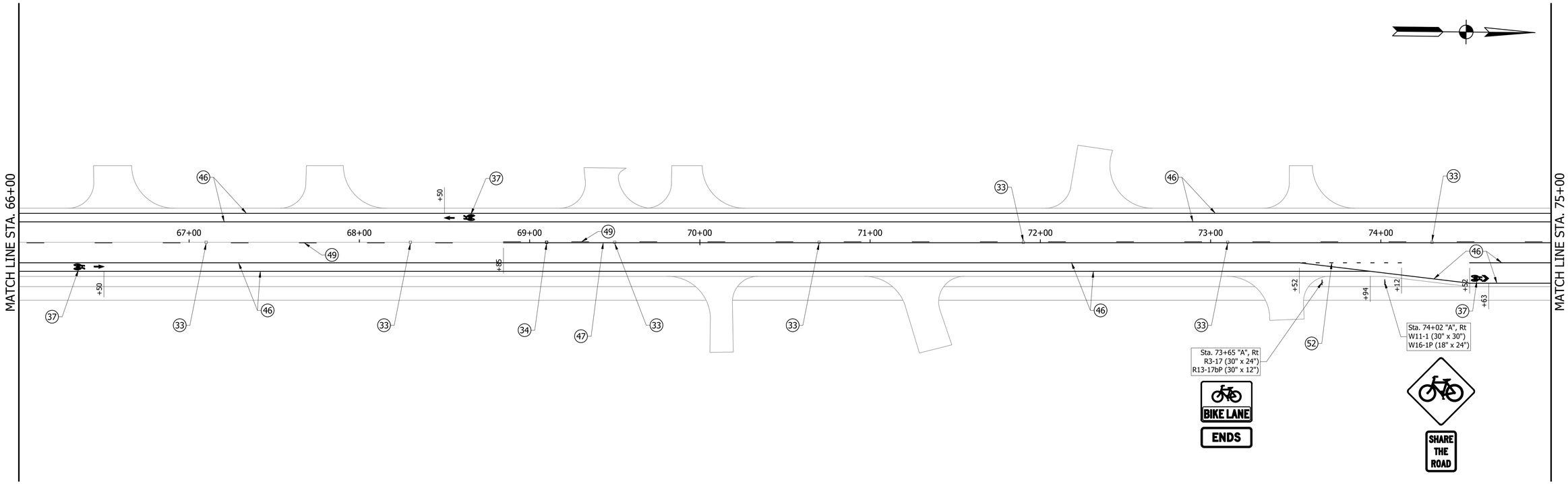
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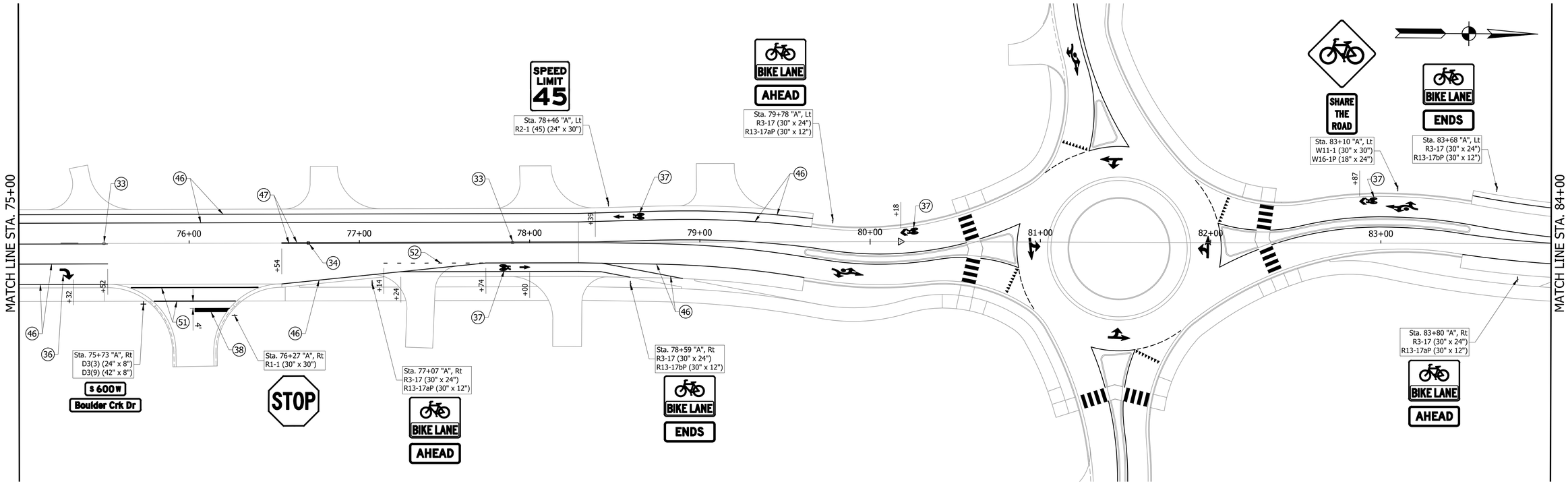
INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS & SIGNING DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940

SURVEY BOOK	SHEETS		
	91	of	214
CONTRACT	PROJECT		
R-41989	1802940		





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(34) Snowplowable Raised Pavement Marker, Blue
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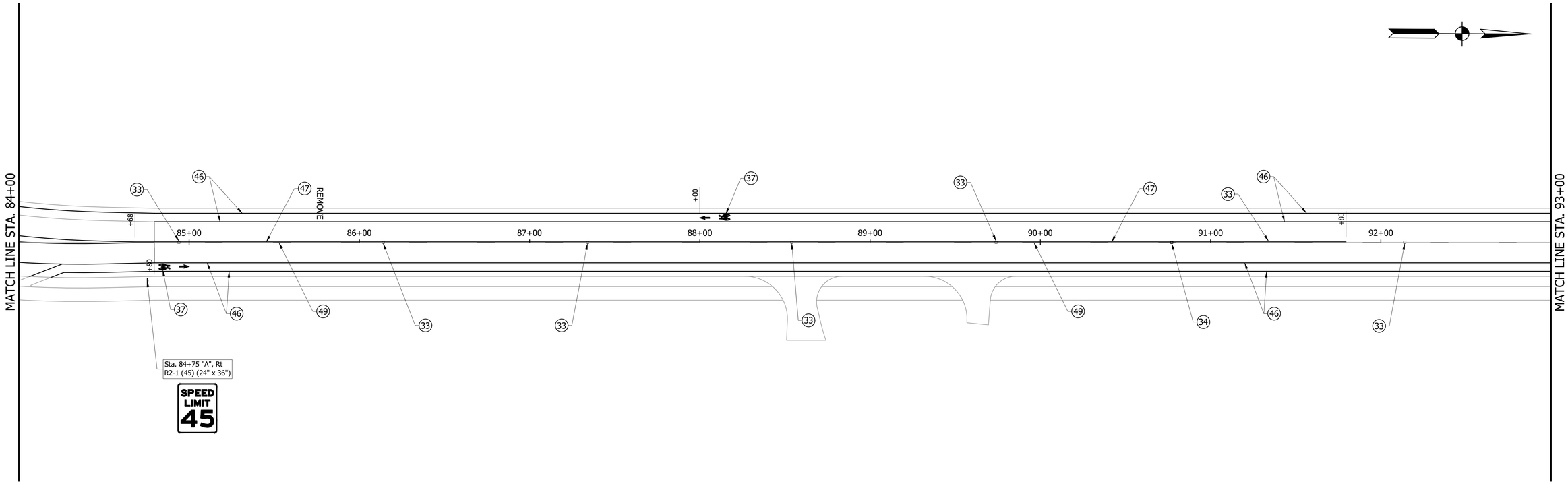
RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

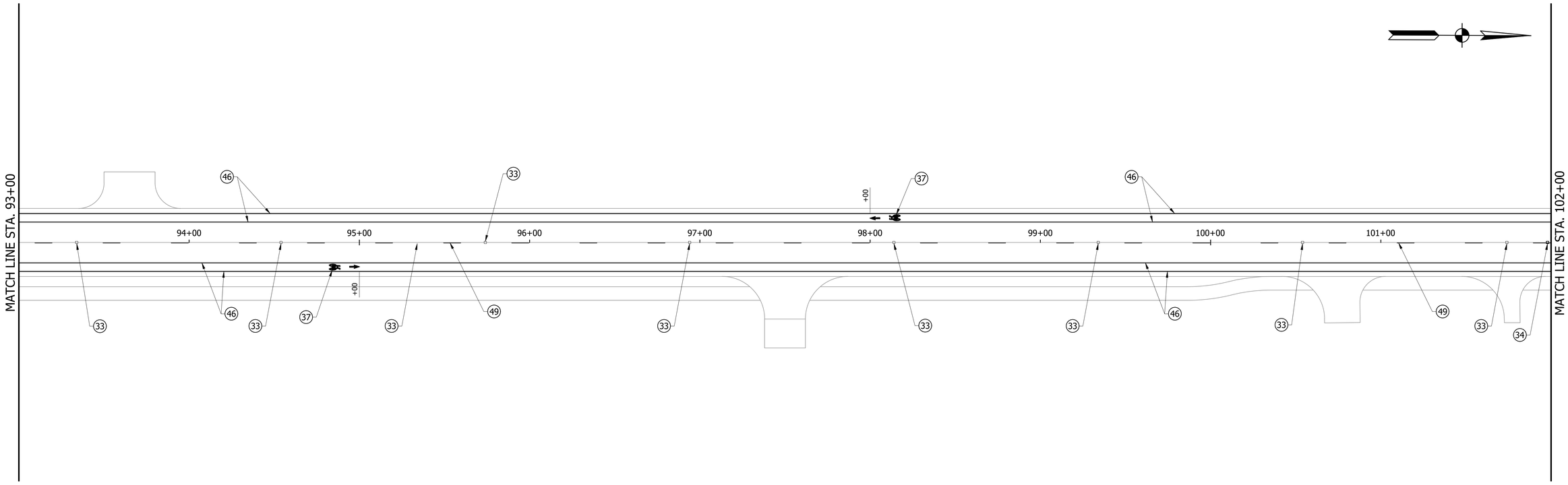
DESIGNED:	PEC	DRAWN:	PEC
CHECKED:	GRW	CHECKED:	GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS & SIGNING DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940
SURVEY BOOK	SHEETS
	92 of 214
CONTRACT	PROJECT
R-41989	1802940





(33) Snowplowable Raised Pavement Marker
(34) Snowplowable Raised Pavement Marker, Blue
(36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
(37) Pavement Message Marking, Thermoplastic, Bike Symbol
(38) Transverse Marking, Thermoplastic, Stop Line, 24"
(46) Line, Thermoplastic, Solid, White, 4", Grooved
(47) Line, Thermoplastic, Solid, Yellow, 4", Grooved
(49) Line, Thermoplastic, Broken, Yellow, 4", Grooved
(50) Line, Thermoplastic, Broken, Yellow, 8"
(51) Line, Thermoplastic, Solid, White, 6"
(52) Line, Thermoplastic, Dotted, White, 4", Grooved

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

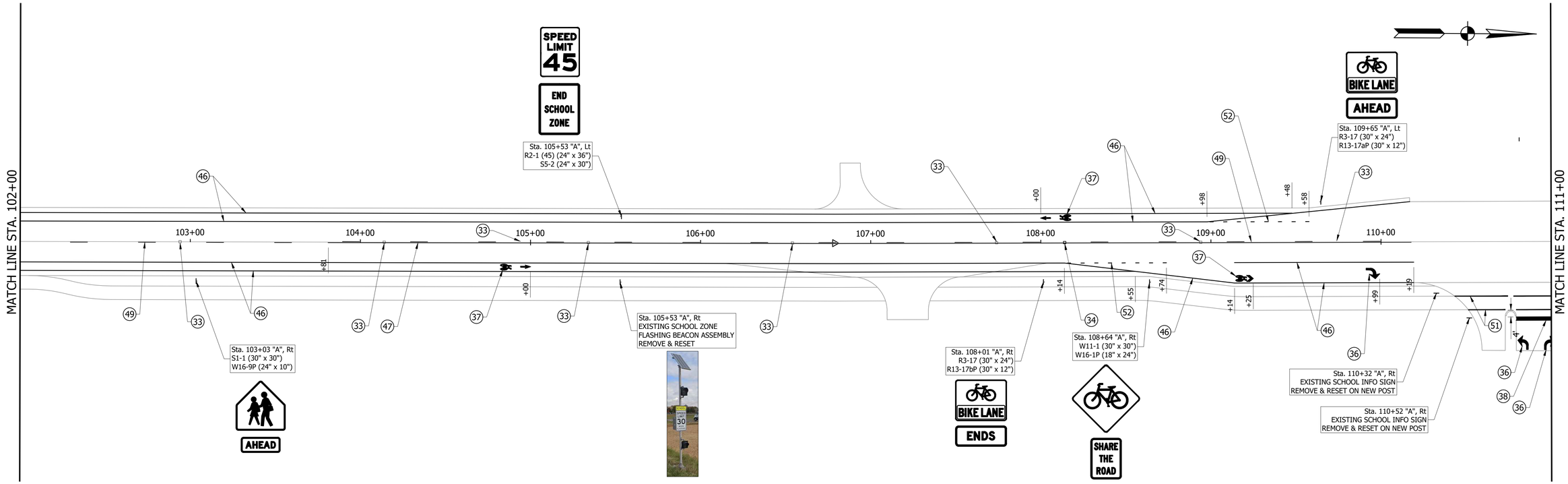
INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS & SIGNING DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940
SURVEY BOOK	SHEETS
	93 of 214
CONTRACT	PROJECT
R-41989	1802940

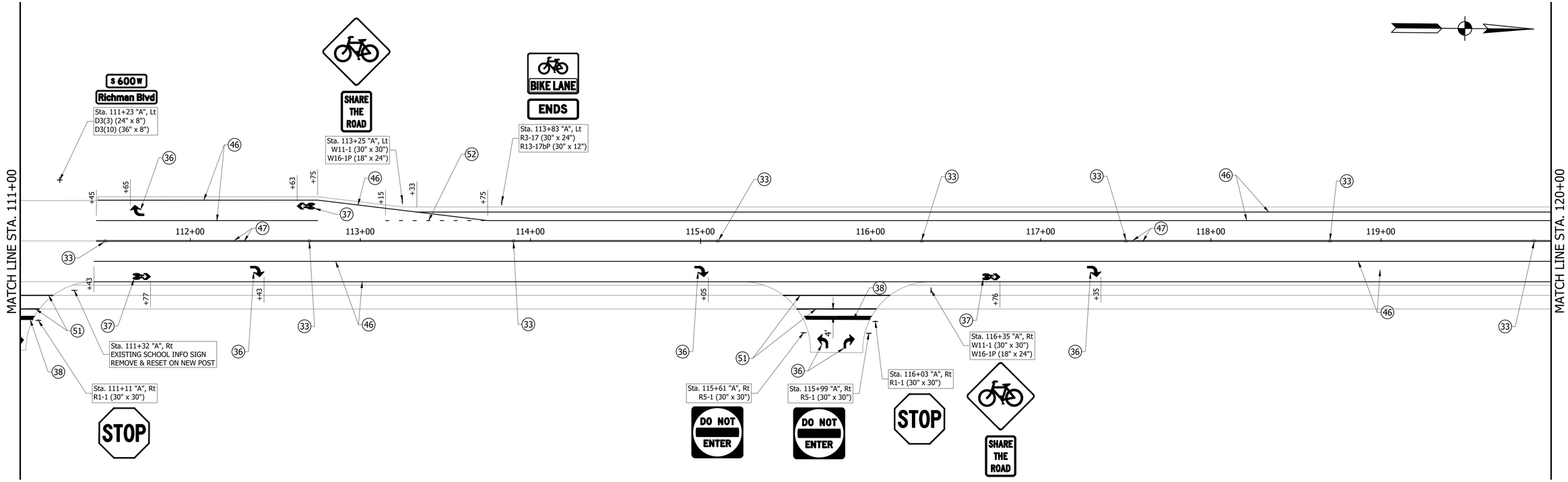
MATCH LINE STA. 102+00

MATCH LINE STA. 111+00



MATCH LINE STA. 111+00

MATCH LINE STA. 120+00



(33) Snowplowable Raised Pavement Marker
(34) Snowplowable Raised Pavement Marker, Blue
(36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
(37) Pavement Message Marking, Thermoplastic, Bike Symbol
(38) Transverse Marking, Thermoplastic, Stop Line, 24"

(46) Line, Thermoplastic, Solid, White, 4", Grooved
(47) Line, Thermoplastic, Solid, Yellow, 4", Grooved
(49) Line, Thermoplastic, Broken, Yellow, 4", Grooved
(50) Line, Thermoplastic, Broken, Yellow, 8"
(51) Line, Thermoplastic, Solid, White, 6"

(52) Line, Thermoplastic, Dotted, White, 4", Grooved

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC

CHECKED: GRW | CHECKED: GRW

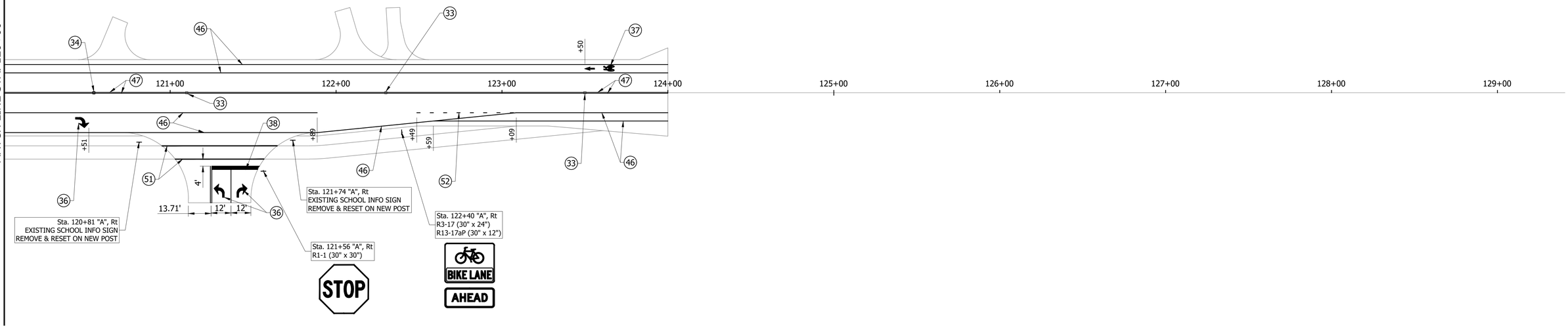
INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS & SIGNING DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940

SURVEY BOOK	SHEETS
	94 of 214
CONTRACT	PROJECT
R-41989	1802940

MATCH LINE STA. 120+00



(33) Snowplowable Raised Pavement Marker
(34) Snowplowable Raised Pavement Marker, Blue
(36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
(37) Pavement Message Marking, Thermoplastic, Bike Symbol
(38) Transverse Marking, Thermoplastic, Stop Line, 24"
(46) Line, Thermoplastic, Solid, White, 4", Grooved
(47) Line, Thermoplastic, Solid, Yellow, 4", Grooved
(49) Line, Thermoplastic, Broken, Yellow, 4", Grooved
(50) Line, Thermoplastic, Broken, Yellow, 8"
(51) Line, Thermoplastic, Solid, White, 6"
(52) Line, Thermoplastic, Dotted, White, 4", Grooved

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL G R. Wendling 08/11/2023
DESIGN ENGINEER

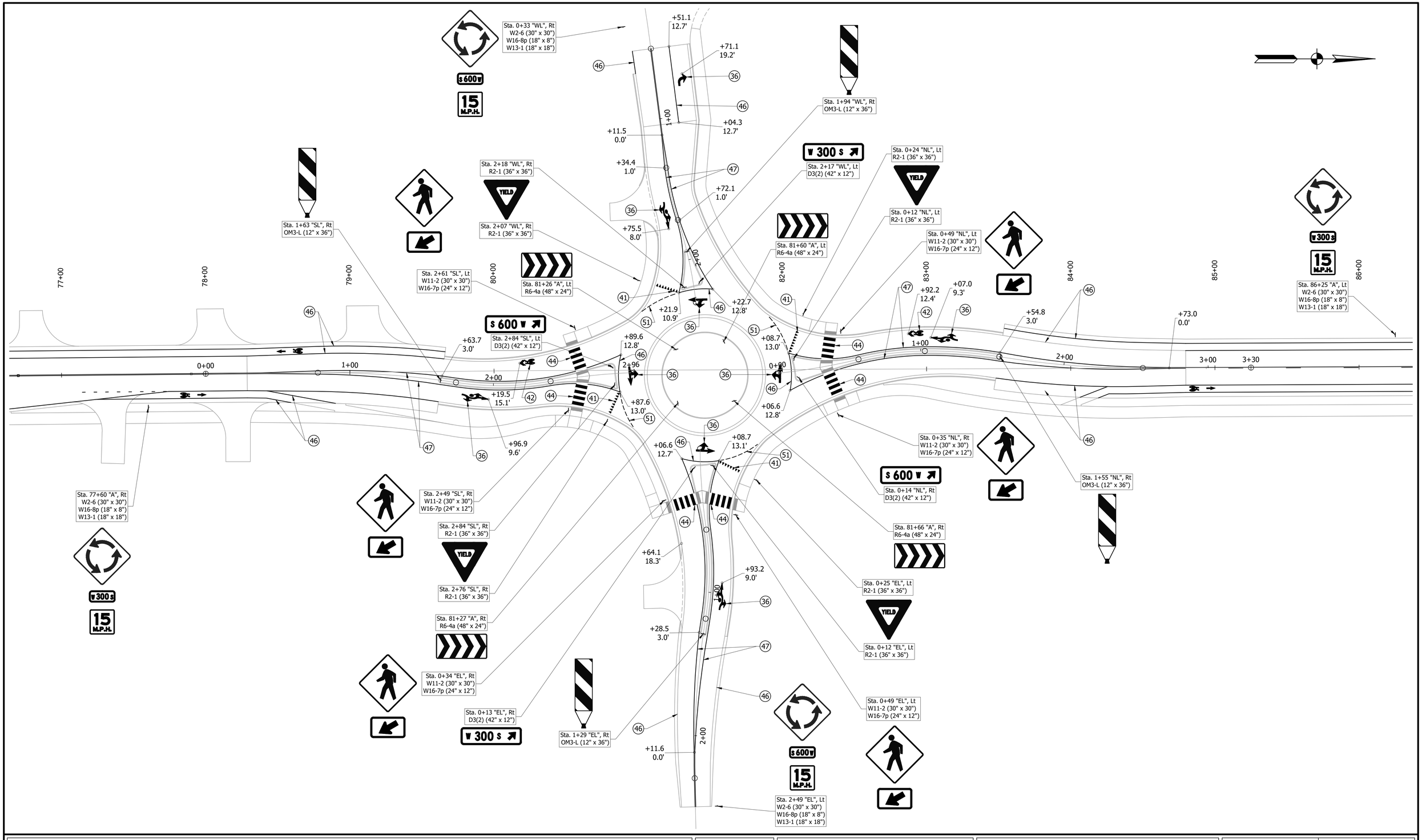
DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS & SIGNING DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940

SURVEY BOOK	SHEETS
	95 of 214
CONTRACT	PROJECT
R-41989	1802940



(33) Snowplowable Raised Pavement Marker	(41) Transverse Markings, Thermoplastic, "Sharks Teeth"	(49) Line, Thermoplastic, Broken, Yellow, 4", Grooved
(34) Snowplowable Raised Pavement Marker, Blue	(42) Pavement Message Marking, Thermoplastic, Shared Lane	(50) Line, Thermoplastic, Broken, Yellow, 8"
(36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow	(44) Transverse Marking, Thermoplastic, Crosswalk Line, 24"	(51) Line, Thermoplastic, Dotted, White, 8"
(37) Pavement Message Marking, Thermoplastic, Bike Symbol	(46) Line, Thermoplastic, Solid, White, 4", Grooved	(52) Line, Thermoplastic, Dotted, White, 4", Grooved
(38) Transverse Marking, Thermoplastic, Stop Line, 24"	(47) Line, Thermoplastic, Solid, Yellow, 4", Grooved	

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC — DRAWN: PEC

CHECKED: GRW — CHECKED: GRW

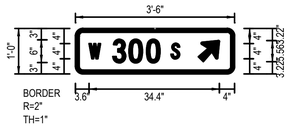
INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS & SIGNING DETAILS
CR 600 W PHASE 4

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 30'	1802940

SURVEY BOOK	SHEETS
	96 of 214
CONTRACT	PROJECT
R-41989	1802940

SIGN DETAIL
1:20



SIGN NUMBER	D3(1)
WIDTH x HGHT.	3'-6" x 1'-0"
BORDER WIDTH	1"
CORNER RADIUS	2"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
AR_Type B	315	32.4	3.2	6	6.8

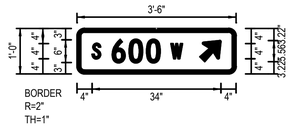
Panel Style: D3-Roundabout.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																									LENGTH	SERIES/SIZE
W																										C 2000
3.6																									3	4
3	0	0																								C 2000
9.9	14.1	18.8																							12.4	6
S																										C 2000
25.2																									2.2	4

SIGN DETAIL
1:20



SIGN NUMBER	D3(1)
WIDTH x HGHT.	3'-6" x 1'-0"
BORDER WIDTH	1"
CORNER RADIUS	2"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
AR_Type B	315	32.4	3.2	6	6.8

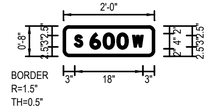
Panel Style: D3-Roundabout.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																									LENGTH	SERIES/SIZE
S																										C 2000
4																									2.2	4
6	0	0																								C 2000
9.3	13.8	18.4																							12.6	6
W																										C 2000
24.8																									3	4

SIGN DETAIL
1:20



SIGN NUMBER	D3(3)
WIDTH x HGHT.	2'-0" x 0'-8"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

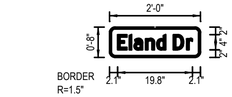
Panel Style: Street Name 4-3in.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																									LENGTH	SERIES/SIZE
S																										D 2000
3																									2	3
6	0	0																								D 2000
7	10.5	14.2																							10	4
W																										D 2000
18.3																									2.7	3

SIGN DETAIL
1:20



SIGN NUMBER	D3(4)
WIDTH x HGHT.	2'-0" x 0'-8"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

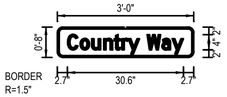
Panel Style: Street Name 4-3in.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																									LENGTH	SERIES/SIZE
E	l	a	n	d		D	r																			D 2000
2.1	5.2	6.4	9.5	12.4	14.8	16.8	20.4																		19.8	4/3

SIGN DETAIL
1:20



SIGN NUMBER	D3(5)
WIDTH x HGHT.	3'-0" x 0'-8"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

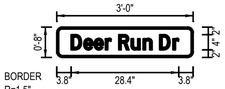
Panel Style: Street Name 4-3in.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																									LENGTH	SERIES/SIZE
C	o	u	n	t	r	y		W	a	y																D 2000
2.7	6	9.1	12.2	15	17	18.7	21.7	23.7	27.6	30.3															30.6	4/3

SIGN DETAIL
1:20



SIGN NUMBER	D3(6)
WIDTH x HGHT.	3'-0" x 0'-8"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 4-3in.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																									LENGTH	SERIES/SIZE
D	e	e	r		R	u	n		D	r																D 2000
3.8	7.2	9.9	12.8	14.4	16.4	19.6	22.8	25.2	27.2	30.7															28.4	4/3

S:\2019Proj\2019-0926 Hancock CR 600 West Phase 4\Drawings\Road\10-Traffic Details\10b-Signing Details\2019-0926 Sign Details.dwg, Sheet 1, 7/13/2023 3:14:55 PM

GREGORY R. WENDLING
REGISTERED
No. PE19300399
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL
G R. Wendling 08/11/2023
DESIGN ENGINEER

DESIGNED: CNC
DRAWN: CNC
CHECKED: MPB
CHECKED: GRW

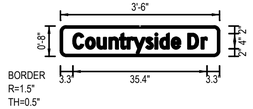
INDIANA
DEPARTMENT OF TRANSPORTATION

SIGN DETAILS
CR 600 W / CR 300 S

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	
VERTICAL SCALE	DESIGNATION
AS NOTED	1802940

SURVEY BOOK	SHEETS		
	97	of	214
CONTRACT	PROJECT		
R-41989	1802940		

SIGN DETAIL
1:20



SIGN NUMBER	D3(7)
WIDTH x HGHT.	3'-6" x 0'-8"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

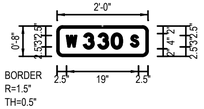
SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 4-3in.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)																								LENGTH	SERIES/SIZE
C	o	u	n	t	r	y	s	i	d	e		D	r												D 2000
3.3	6.7	9.7	12.9	15.6	17.7	19.3	22.6	25	26.3	29.3	31.7	33.7	37.2											35.4	4/3

SIGN DETAIL
1:20



SIGN NUMBER	D3(8)
WIDTH x HGHT.	2'-0" x 0'-8"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

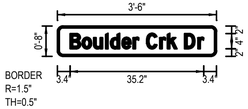
SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 4-3in.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)																								LENGTH	SERIES/SIZE
W																									D 2000
2.5																								2.7	3
3	3	0																							D 2000
7	10.8	14.4																						10.2	4
S																									D 2000
19.5																								2	3

SIGN DETAIL
1:20



SIGN NUMBER	D3(9)
WIDTH x HGHT.	3'-6" x 0'-8"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

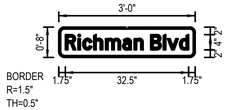
SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 4-3in.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)																								LENGTH	SERIES/SIZE
B	o	u	l	d	e	r		C	r	k		D	r												D 2000
3.4	6.5	9.6	12.7	14	17.1	20	21.5	23.5	27	29	31.6	33.6	37.1											35.2	4/3

SIGN DETAIL
1:20



SIGN NUMBER	D3(10)
WIDTH x HGHT.	3'-0" x 0'-8"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

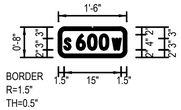
SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 4-3in.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)																								LENGTH	SERIES/SIZE
R	i	c	h	m	a	n		B	l	v	d														D 2000
1.7	5.1	6.3	9.2	12.3	16.9	19.9	22.3	24.3	27.6	28.7	31.9													32.5	4/3

SIGN DETAIL
1:20



SIGN NUMBER	W16-8aP
WIDTH x HGHT.	1'-6" x 0'-8"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Yellow
LEGEND/BORDER	TYPE: Reflective
	COLOR: Black/Black

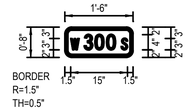
SYMBOL	ROT	X	Y	WID	HT

Panel Style: W16-8.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)																								LENGTH	SERIES/SIZE
S																									C 2000
1.5																								1.7	3
6	0	0																							C 2000
4.8	7.8	10.8																						8.4	4
W																									C 2000
14.3																								2.3	3

SIGN DETAIL
1:20



SIGN NUMBER	W16-8aP
WIDTH x HGHT.	1'-6" x 0'-8"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Yellow
LEGEND/BORDER	TYPE: Reflective
	COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT

Panel Style: W16-8.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)																								LENGTH	SERIES/SIZE
W																									C 2000
1.5																								2.3	3
3	0	0																							C 2000
5.1	7.9	11																						8.3	4
S																									C 2000
14.9																								1.7	3

GREGORY R. WENDLING
REGISTERED
No. PE19300399
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL
G R. Wendling 08/11/2023
DESIGN ENGINEER

DESIGNED: CNC | DRAWN: CNC
CHECKED: MPB | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

SIGN DETAILS
CR 600 W / CR 300 S

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	
VERTICAL SCALE	DESIGNATION
AS NOTED	1802940
SURVEY BOOK	SHEETS
	98 of 214
CONTRACT	PROJECT
R-41989	1802940

S:\2019Proj\2019-0926 Hancock CR 600 West Phase 4\Drawings\Road\10-Traffic Details\10b-Signing Details\2019-0926 Sign Details.dwg, Sheet 2, 7/13/2023 3:14:56 PM

SHEET SIGN AND POST SUMMARY

LOCATION			SIGN CODE	SIGN SIZE	SHEET SIGN WITH LEGEND			DOUBLE FACED SHEET SIGN WITH LEGEND			TYPE 1 POST (2 1/4 in. x 2 1/4 in. x 12 Ga.)						TYPE 2 POST (2 in. x 2 in. x 12 Ga.)						TYPE 3 POST (2 1/2 in. x 2 1/2 in. x 12 Ga.)						REMARKS
											REINFORCED			UNREINFORCED			REINFORCED			UNREINFORCED			REINFORCED			UNREINFORCED			
SIGN STATION	LINE	LEFT OR RIGHT			METAL THICKNESS (IN.)			METAL THICKNESS (IN.)			POST LENGTH			POST LENGTH			POST LENGTH			POST LENGTH			POST LENGTH			POST LENGTH			
					0.080	0.100	0.125	0.080	0.100	0.125	1	2	TOTAL	1	2	TOTAL	1	2	TOTAL	1	2	TOTAL	1	2	TOTAL	1	2	TOTAL	
				(in. x in.)	SFT	SFT	SFT	SFT	SFT	SFT	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	
CR 600 W																													
33+96	"A"	Rt	D3(3)	24 X 8				1.34			8.00		8.00																Street Name (S 600 W)
			D3(5)	36 X 8					2.00																				Street Name (Country Way)
33+97	"A"	Lt	R1-1	30 X 30	6.25						11.00		11.00																Stop
34+41	"A"	Rt	R1-1	30 X 30	6.25						11.00		11.00																Stop
34+49	"A"	Lt	D3(3)	24 X 8				1.34			8.00		8.00																Street Name (S 600 W)
			D3(4)	24 X 8				1.34																					Street Name (Eland Dr)
35+26	"A"	Rt	R3-17	30 X 24	5.00						10.00		10.00																Bike Lane
			R3-17aP	30 X 12	2.50																								Ahead
37+04	"A"	Lt	R3-17	30 X 24	5.00						10.00		10.00																Bike Lane
			R3-17bP	30 X 12	2.50																								Ends
37+66	"A"	Lt	W10-1	30 X 30	4.91						11.00		11.00																Railroad Crossing Advance Warning
37+68	"A"	Rt	R2-1 (45)	24 X 30	5.00						11.00		11.00																Speed Limit 45 MPH
41+32	"A"	Rt	R3-17	30 X 24	5.00						10.00		10.00																Bike Lane
			R3-17bP	30 X 12	2.50																								Ends
41+90	"A"	Rt	W11-1	30 X 30	6.25						13.00		13.00																Bike Symbol
			W16-1P	18 X 24	3.00																								Share the Road
43+24	"A"	Lt	R3-17	30 X 24	5.00						10.00		10.00																Bike Lane
			R3-17aP	30 X 12	2.50																								Ahead
44+01	"A"	Rt	D3(3)	24 X 8				1.34			8.00		8.00																Street Name (S 600 W)
			D3(7)	42 X 8					2.34																				Street Name (Countryside Dr)
44+04	"A"	Lt	R1-1	30 X 30	6.25						11.00		11.00																Stop
44+12	"A"	Lt	D3(3)	24 X 8				1.34			8.00		8.00																Street Name (S 600 W)
			D3(6)	36 X 8					2.00																				Street Name (Deer Run Dr)
44+54	"A"	Rt	R1-1	30 X 30	6.25						11.00		11.00																Stop
45+58	"A"	Rt	R3-17	30 X 24	5.00						10.00		10.00																Bike Lane
			R3-17aP	30 X 12	2.50																								Ahead
46+60	"A"	Rt	W11-1	30 X 30	6.25						13.00		13.00																Bike Symbol
			W16-1P	18 X 24	3.00																								Share the Road
47+15	"A"	Lt	R3-17	30 X 24	5.00						10.00		10.00																Bike Lane
			R3-17bP	30 X 12	2.50																								Ends
48+24	"A"	Rt	W11-8	30 X 30	6.25						13.00		13.00																Fire Truck Symbol
49+19	"A"	Rt	R2-1 (45)	24 X 30	5.00						11.00		11.00																Speed Limit 45 MPH
50+05	"A"	Rt	R3-17	30 X 24	5.00						10.00		10.00																Bike Lane
			R3-17bP	30 X 12	2.50																								Ends
50+64	"A"	Rt	W11-1	30 X 30	6.25						13.00		13.00																Bike Symbol
			W16-1P	18 X 24	3.00																								Share the Road
55+11	"A"	Rt	R3-17	30 X 24	5.00						10.00		10.00																Bike Lane
			R3-17aP	30 X 12	2.50																								Ahead
56+95	"A"	Rt	W11-8	30 X 30	6.25						11.00		11.00																Fire Truck Symbol
64+79	"A"	Lt	D3(3)	24 X 8				1.34			8.00		8.00																Street Name (S 600 W)
			D3(8)	24 X 8				1.34																					Street Name (300 S)
73+65	"A"	Rt	R3-17	30 X 24	5.00						10.00		10.00																Bike Lane
			R3-17bP	30 X 12	2.50																								Ends
TOTALS					**147.66**			**9.38**	**6.34**				**270.00**																

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: CNC | DRAWN: CNC

CHECKED: MPB | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS TABLES
CR 600 W / CR 300 S

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1802940

SURVEY BOOK	SHEETS		
	99	of	214
CONTRACT	PROJECT		
R-41989	1802940		

SHEET SIGN AND POST SUMMARY

LOCATION			SIGN CODE	SIGN SIZE	SHEET SIGN WITH LEGEND			DOUBLE FACED SHEET SIGN WITH LEGEND			TYPE 1 POST (2 1/4 in. x 2 1/4 in. x 12 Ga.)						TYPE 2 POST (2 in. x 2 in. x 12 Ga.)						TYPE 3 POST (2 1/2 in. x 2 1/2 in. x 12 Ga.)						REMARKS
											REINFORCED			UNREINFORCED			REINFORCED			UNREINFORCED			REINFORCED			UNREINFORCED			
SIGN STATION	LINE	LEFT OR RIGHT			METAL THICKNESS (IN.)			METAL THICKNESS (IN.)			POST LENGTH			POST LENGTH			POST LENGTH			POST LENGTH			POST LENGTH			POST LENGTH			
					0.080	0.100	0.125	0.080	0.100	0.125	1	2	TOTAL	1	2	TOTAL	1	2	TOTAL	1	2	TOTAL	1	2	TOTAL	1	2	TOTAL	
				(in. x in.)	SFT	SFT	SFT	SFT	SFT	SFT	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	
CR 600 W																													
74+02	"A"	Rt	W11-1	30 X 30	6.25						13.00		13.00																Bike Symbol
			W16-1P	18 X 24	3.00																								Share the Road
75+73	"A"	Rt	D3(3)	24 X 8				1.34			8.00		8.00																Street Name (S 600 W)
			D3(9)	42 X 8					2.34																				Street Name (Boulder Crk Dr)
76+27	"A"	Rt	R1-1	30 X 30	6.25						11.00		11.00																Stop
77+07	"A"	Rt	R3-17	30 X 24	5.00						10.00		10.00																Bike Lane
			R3-17aP	30 X 12	2.50																								Ahead
77+60	"A"	Rt	W2-6	30 X 30	6.25						13.00		13.00																Roundabout Ahead
			W16-8P(1)	18 X 8	1.00																								Street Name (S 600 W)
			W13-1 (15)	18 X 18	2.25																								15 MPH
78+59	"A"	Rt	R3-17	30 X 24	5.00						10.00		10.00																Bike Lane
			R3-17bP	30 X 12	2.50																								Ends
78+46	"A"	Lt	R2-1 (45)	24 X 30	5.00						11.00		11.00																Speed Limit 45 MPH
1+63	"SL"	Rt	OM-3L	12 X 36	3.00						11.00		11.00																Object Marker
79+78	"A"	Lt	R3-17	30 X 24	5.00						10.00		10.00																Bike Lane
			R3-17aP	30 X 12	2.50																								Ahead
2+49	"SL"	Rt	W11-2	30 X 30	6.25						11.00		11.00																Pedestrian Crossing
			W16-7p	24 X 12	2.00																								Arrow
2+61	"SL"	Lt	W11-2	30 X 30	6.25						11.00		11.00																Pedestrian Crossing
			W16-7p	24 X 12	2.00																								Arrow
2+84	"SL"	Lt	D3(2)	42 X 12		3.50					9.00		9.00																Street Name (S 600 W) with Arrow
2+76	"SL"	Rt	R1-2	36 X 36		3.90					11.00		11.00																Yield
2+84	"SL"	Rt	R1-2	36 X 36		3.90					11.00		11.00																Yield
81+27	"A"	Rt	R6-4a	48 X 24		8.00					10.00		10.00																Chevron, Right
0+33	"WL"	Rt	W2-6	30 X 30	6.25						13.00		13.00																Roundabout Ahead
			W16-8P(1)	18 X 8	1.00																								Street Name (S 600 W)
			W13-1 (15)	18 X 18	2.25																								15 MPH
1+94	"WL"	Rt	OM-3L	12 X 36	3.00						11.00		11.00																Object Marker
2+18	"WL"	Lt	R1-2	36 X 36		3.90					11.00		11.00																Yield
2+17	"WL"	Lt	D3(2)	42 X 12		3.50					9.00		9.00																Street Name (W 300 S) with Arrow
2+07	"WL"	Rt	R1-2	36 X 36		3.90					11.00		11.00																Yield
81+26	"A"	Rt	R6-4a	48 X 24		8.00					10.00		10.00																Chevron, Right
81+66	"A"	Rt	R6-4a	48 X 24		8.00					10.00		10.00																Chevron, Right
0+12	"EL"	Lt	R1-2	36 X 36		3.90					11.00		11.00																Yield
0+25	"EL"	Lt	R1-2	36 X 36		3.90					11.00		11.00																Yield
0+13	"EL"	Rt	D3(2)	42 X 12		3.50					9.00		9.00																Street Name (W 300 S) with Arrow
0+34	"EL"	Rt	W11-2	30 X 30	6.25						11.00		11.00																Pedestrian Crossing
			W16-7p	24 X 12	2.00																								Arrow
0+49	"EL"	Lt	W11-2	30 X 30	6.25						11.00		11.00																Pedestrian Crossing
			W16-7p	24 X 12	2.00																								Arrow
1+29	"EL"	Rt	OM-3L	12 X 36	3.00						11.00		11.00																Object Marker
2+49	"EL"	Rt	W2-6	30 X 30	6.25						13.00		13.00																Roundabout Ahead
			W16-8P(1)	18 X 8	1.00																								Street Name (S 600 W)
			W13-1 (15)	18 X 18	2.25																								15 MPH
TOTALS					**113.50**	**57.90**		**1.34**	**2.34**				**312.00**																

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INDIANA
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS TABLES
CR 600 W / CR 300 S

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1802940

SURVEY BOOK	SHEETS
	100 of 214
CONTRACT	PROJECT
R-41989	1802940

SHEET SIGN AND POST SUMMARY

LOCATION			SIGN CODE	SIGN SIZE	SHEET SIGN WITH LEGEND			DOUBLE FACED SHEET SIGN WITH LEGEND			TYPE 1 POST (2 1/4 in. x 2 1/4 in. x 12 Ga.)						TYPE 2 POST (2 in. x 2 in. x 12 Ga.)						TYPE 3 POST (2 1/2 in. x 2 1/2 in. x 12 Ga.)						REMARKS
											REINFORCED			UNREINFORCED			REINFORCED			UNREINFORCED			REINFORCED			UNREINFORCED			
SIGN STATION	LINE	LEFT OR RIGHT			METAL THICKNESS (IN.)			METAL THICKNESS (IN.)			POST LENGTH			POST LENGTH			POST LENGTH			POST LENGTH			POST LENGTH			POST LENGTH			
					0.080	0.100	0.125	0.080	0.100	0.125	1	2	TOTAL	1	2	TOTAL	1	2	TOTAL	1	2	TOTAL	1	2	TOTAL	1	2	TOTAL	
				(in. x in.)	SFT	SFT	SFT	SFT	SFT	SFT	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	FT.	
CR 600 W																													
81+60	"A"	Lt	R6-4a	48 X 24		8.00					10.00		10.00																Chevron, Right
0+12	"NL"	Lt	R1-2	36 X 36		3.90					11.00		11.00																Yield
0+14	"NL"	Lt	D3(2)	42 X 12		3.50					9.00		9.00																Street Name (S 600 W) with Arrow
0+24	"NL"	Lt	R1-2	36 X 36		3.90					11.00		11.00																Yield
0+35	"NL"	Rt	W11-2	30 X 30	6.25						11.00		11.00																Pedestrian Crossing
			W16-7p	24 X 12	2.00																								Arrow
0+49	"NL"	Lt	W11-2	30 X 30	6.25						11.00		11.00																Pedestrian Crossing
			W16-7p	24 X 12	2.00																								Arrow
1+35	"NL"	Rt	OM-3L	12 X 36	3.00						11.00		11.00																Object Marker
			W16-1P																										Share the Road
83+10	"A"			30 X 30	6.25						13.00		13.00																
83+68	"A"	Lt	R3-17	30 X 24	5.00						10.00		10.00																Bike Lane
			R3-17bP	30 X 12	2.50																								Ends
83+80	"A"	Rt	R3-17	30 X 24	5.00						10.00		10.00																Bike Lane
			R3-17aP	30 X 12	2.50																								Ahead
84+75	"A"	Rt	R2-1 (45)	24 X 30	5.00						11.00		11.00																Speed Limit 45 MPH
86+25	"A"	Lt	W2-6	30 X 30	6.25						13.00		13.00																Roundabout Ahead
			W16-8P(1)	18 X 8	1.00																								Street Name (S 600 W)
			W13-1 (15)	18 X 18	2.25																								15 MPH
103+04	"A"	Rt	S1-1	30 X 30	6.25						10.00		10.00																School
			W16-9p	24 X 10	1.67																								Ahead Plaque
105+53	"A"	Lt	R2-1 (45)	24 X 30	5.00						12.00		12.00																Speed Limit 45 MPH
			S5-2	24 X 30	5.00																								End School Zone
108+01	"A"	Rt	R3-17	30 X 24	5.00						10.00		10.00																Bike Lane
			R3-17bP	30 X 12	2.50																								Ends
108+64	"A"	Rt	W11-1	30 X 30	6.25						13.00		13.00																Bike Symbol
			W16-1P	18 X 24	3.00																								Share the Road
109+64	"A"	Lt	R3-17	30 X 24	5.00						10.00		10.00																Bike Lane
			R3-17aP	30 X 12	2.50																								Ahead
111+11	"A"	Lt	R1-1	30 X 30	6.25						11.00		11.00																Stop
111+23	"A"	Lt	D3(3)	24 X 8				1.34			8.00		8.00																Street Name (S 600 W)
			D3(10)	36 X 8					2.00																				Street Name (Richmond Blvd)
113+25	"A"	Lt	W11-1	30 X 30	6.25						13.00		13.00																Bike Symbol
			W16-1P	18 X 24	3.00																								Share the Road
113+83	"A"	Lt	R3-17	30 X 24	5.00						10.00		10.00																Bike Lane
			R3-17bP	30 X 12	2.50																								Ends
115+61	"A"	Rt	R5-1	30 X 30	6.25						11.00		11.00																Do Not Enter
115+99	"A"	Rt	R5-1	30 X 30	6.25						11.00		11.00																Do Not Enter
116+03	"A"	Rt	R1-1	30 X 30	6.25						11.00		11.00																Stop
116+35	"A"	Rt	W11-1	30 X 30	6.25						13.00		13.00																Bike Symbol
			W16-1P	18 X 24	3.00																								Share the Road
121+56	"A"	Rt	R1-1	30 X 30	6.25						11.00		11.00																Stop
122+40	"A"	Rt	R3-17	30 X 24	5.00						10.00		10.00																Bike Lane
			R3-17aP	30 X 12	2.50																								Ahead
TOTALS					**162.17**	**19.30**		**1.34**	**2.00**				**295.00**																

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CHECKED: MPB | CHECKED: GRW

INDIANA DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS TABLES
CR 600 W / CR 300 S

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1802940
SURVEY BOOK	SHEETS
	101 of 214
CONTRACT	PROJECT
R-41989	1802940

RIPRAP DITCH AND SEEDING SUMMARY TABLE

LOCATION					RIPRAP DITCH					SEEDING					
FROM STATION	TO STATION	LEFT	MEDIAN	RIGHT	CLASS I RIPRAP	CLASS II RIPRAP	REVETMENT RIPRAP	UNIFORM RIPRAP	GEOTEXTILES	SEEDING AREA	FERTILIZER	SEED MIXTURE R	MULCHING MATERIAL	EROSION CONTROL BLANKET	MOB & DEMOB FOR SEEDING
					TON	TON	TON	TON	SYS	SYS	TON	LBS	TON	SYS	EACH
Line "A"															
600 W, South End															
32+80	78+98	X								10,083.5	0.8	354.0	4.2		1.0
32+80	81+30			X						5,794.6	0.5	203.5	2.4		1.0
Rention Pond, South															
54+35	70+58			X			15.0		20.0	7,515.5	0.6	264.0	3.1		1.0
Roundabout, Center															
81+17	81+76		X							303.8	0.1	10.7	0.1		
600 W, North End															
81+35	124+00	X								9,269.1	0.8	325.6	3.8		1.0
81+47	124+00			X						10,002.7	0.8	351.3	4.1		1.0
82+95	83+05	X													
Line "S-1-A"															
Rention Pond, West															
54+35	70+58			X						2,557.8	0.2	89.8	1.1		1.0
TOTAL					-	-	15.0	-	20.0	45,527.0	3.8	1,598.9	18.8	-	6.0

HMA FOR SIDEWALK SUMMARY TABLE

LOCATION					HMA SIDEWALK			CURB RAMPS	
FROM STATION	TO STATION	LEFT	MEDIAN	RIGHT	SUBGRADE TREATMENT, TYPE III	COMPACTED AGGREGATE BASE, 6 IN.	HMA FOR SIDEWALK	CURB RAMP, CONCRETE	DETECTABLE WARNING SURFACES
					SYS	TON	TON	SYS	SYS
Line "A"									
600 W									
34+77	123+61			X	4,909.9	2,386.9	1,289.0	59.1	31.5
80+65	82+31	X			384.4	98.8	53.0	150.0	12.1
TOTAL					5,294.3	2,485.7	1,342.0	209.1	43.6

MAILBOXES

Station	Left	Median	Right	Mailbox Assembly (EACH)		
				Single	Double	Triple
Line "A"						
CR 600 W						
38+21	X			1		
39+92	X			1		
40+95	X			1		
42+35	X			1		
47+38			X	1		
47+87	X			1		
51+25	X			1		
51+27			X	1		
54+38			X	1		
54+70	X			1		
56+42	X			1		
58+01	X			1		
59+76	X			1		
60+41	X			1		
62+78	X			1		
64+35	X			1		
64+37	X			1		
64+39	X			1		
65+24	X			1		
66+71	X			1		
67+57	X			1		
69+25	X			1		
69+97			X	1		
			Total	23	-	-

MAILBOXES

Station	Left	Median	Right	Mailbox Assembly (EACH)		
				Single	Double	Triple
Line "A"						
CR 600 W						
70+07.9	X			1.0		
71+11.9			X	1.0		
72+43.0	X			1.0		
73+40.4	X			1.0		
73+61.5			X	1.0		
75+23.3	X			1.0		
76+65.7	X			1.0		
77+23.1			X	1.0		
77+86.4	X			1.0		
77+87.8	X			1.0		
78+08.9			X	1.0		
78+91.8	X			1.0		
81+50.2			X	1.0		
88+44.5			X	1.0		
101+30.7			X	1.0		
106+67.5	X			1.0		
Line "S-2-A"						
CR 300 S						
11+67.1	X			1.0		
			Total	17	-	-

RIGHT-OF-WAY MARKERS

Station	Offset (Ft.)	Left	Median	Right	ROW Marker	ROW Marker, Reset
Line "A"						
CR 600 W						
56+63.43	+50	X			1	
59+65.00	+70			X	1	
59+65.00	1+25			X	1	
65+50.00	+70			X	1	
65+50.00	1+25			X	1	
80+01.00	+50	X			1	
80+42.14	+65			X	1	
80+99.73	1+23			X	1	
81+71.25	1+12	X			1	
81+97.68	+65	X			1	
81+84.92	1+31			X	1	
82+45.54	+70			X	1	
89+39.67	+65			X	1	
90+77.93	+65			X	1	
93+47.94	+65	X			1	
99+90.00	+65			X	1	
				Total	16	-

RIGHT-OF-WAY MARKERS

Station	Offset (Ft.)	Left	Median	Right	ROW Marker	ROW Marker, Reset
Line "A"						
CR 600 W						
100+65.00	+40			X	1	
102+00.00	+40			X	1	
102+40.00	+65			X	1	
107+16.44	+65	X			1	
106+36.59	+65			X	1	
106+36.31	+51			X	1	
108+01.17	+50			X	1	
108+01.25	+55			X	1	
114+50.00	+55			X	1	
115+00.00	+65			X	1	
120+08.69	+40	X			1	
120+35.00	+33	X			1	
121+60.00	+55	X			1	
123+05.09	+65			X	1	
123+05.09	+55			X	1	
123+62.62	+55	X			1	
				Total	16	-

MONUMENTS

TYPE	STATION	OFFSET	LEFT	CENTERLINE	RIGHT	MONUMENT TYPE A	MONUMENT TYPE B	MONUMENT TYPE C	MONUMENT TYPE D	SECTION CORNER	REMARKS
						EACH	EACH	EACH	EACH	EACH	
Line "A"											
CR 600 W											
POT	53+75.74			X						1	EXISTING MONUMENT PROTECT IN PLACE
POT	81+32.20		X							1	EXISTING MONUMENT PROTECT IN PLACE
EXISTING MONUMENTS DISTRUBED SHALL BE REPLACED. ONE OF EACH PROVIDED IF REPLACEMENT IS NEEDED.											
					Total	-	-	-	-	2	

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: CNC | DRAWN: CNC

CHECKED: MPB | CHECKED: GRW

INDIANA DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS TABLES
CR 600 W / CR 300 S

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1802940
SURVEY BOOK	SHEETS
	102 of 214
CONTRACT	PROJECT
R-41989	1802940

PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION (STATION)	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADII	DISTANCE BEYOND R/W LINE	GRADE			EXCAVATION		HMA PVMT - K			HMA PVMT - W			HMA SHLDR - J			HMA OVERLAY - R				AGG SHLDR - O	HMA FOR APPROACHES TYPE B	HMA FOR APPROACHES TYPE B	COMPATED AGGREGATE, NO. 53	COMPATED AGGREGATE, NO. 53	PCCP FOR APPROACHES	SUBGRADE TREATMENT TYPE IBC	SUBGRADE TREATMENT TYPE II	DENSE GRADED SUBBASE	GEOGRID TYPE IB	ASPHALT FOR TACK COAT	REMARKS
											QC/QA-HMA, 3, 76, SURFACE 9.5 mm SMA [1]	QC/QA-HMA, 2, 76, INTERMEIDATE 12.5 mm [2]	QC/QA-HMA, 2, 64, BASE, 19.0 mm [3]	QC/QA-HMA, 3, 76, SURFACE 9.5 mm SMA [1]	QC/QA-HMA, 2, 76, INTERMEIDATE 12.5 mm [2]	QC/QA-HMA, 2, 64, BASE, 19.0 mm [3]	QC/QA-HMA, 3, 76, SURFACE 9.5 mm SMA [1]	QC/QA-HMA, 2, 76, INTERMEIDATE 12.5 mm [2]	COMPATED AGGREGATE, NO. 53 [4]	ASHPALT MILLING	QC/QA-HMA, 3, 76, SURFACE 9.5 mm SMA [1]	QC/QA-HMA, 2, 76, INTERMEIDATE 12.5 mm [2]	QC/QA-HMA, 2, 76, INTERMEIDATE 12.5 mm [2]	COMPATED AGGREGATE, NO. 53 [4]											
						1	2	3			220#/SYD.	220#/SYD.	440#/SYD.	220#/SYD.	220#/SYD.	440#/SYD.	165#/SYD.	275#/SYD.	4 IN.		220#/SYD.	220#/SYD.	VAR.	8 IN.	440#/SYD.	1100#/SYD.	6 IN.	12 IN.	6 IN.						
		FT	FT	FT	FT	%	%	%	CYS	CYS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	SYS	TONS	TONS	TONS	TONS	TONS	TONS	CYS	CYS	SYS	SYS	SYS	CYS	CYS	TONS	
MAINLINE / ROUNDABOUT	Mainline										489.6	490.2	982.2	300.0	300.0	600.0	715.5	725.2	1525.1	8339.3	917.4	917.4	36.8	1525.1						17,459.7				11.03	
Line "A"																																			
34+23.1, Lt	Approach	23.3	44.4	45/42		-2.0	0.3																			113.9				207.0		207.0		
34+24.8, Rt	Approach	21.9	35.0	40/40		-1.6	0.6	-1.6																		110.0				201.7		201.7		
36+63.3. Lt	Mod Class II	18.0	34.4	15/25		-3.9	2.6																						92.0		92.0	15.3			
38+03.0, Lt	Class II	16.8	34.2	15/25		-4.0	2.9																						83.9		83.9	14.0			
39+76.8, Lt	Class II	16.3	35.0	15/25		-4.0	0.5																						83.8		83.8	14.0			
40+80.5, Lt	Class II	16.1	34.9	15/25		-4.0	1.4																						83.0		83.0	13.8			
42+17.6, Lt	Class II	17.9	34.2	15/25		-4.0	1.4																						87.8		87.8	14.6			
44+29.4, Lt	Approach	21.9	51.4	40/40		-2.0	-3.5	-1.7																		111.0				201.8		201.8		
44+29.9, Rt	Approach	25.8	48.0	40/40		-1.5	-6.4	-3.3																		118.6				215.7		215.7		
47+12.7, Rt	Class II	12.6	30.0	25/15		-1.5	3.1	-1.5																	14.1		10.8			64.3				
47+98.7, Lt	Class II	17	34.8	15/25		-4.0	7.5	3.1																					85.8		85.8	14.3			
51+07.0, Lt	Mod Class II	32.1	25.0	4.6/20		-4.0	-12.3	-1.8																					88.6		86.5	14.4			
51+70.8. Rt	Mod Class IV	51.3	29.3	30/40		-1.5	1.0	0.4																		122.6	37.2			223.0		223.0		
53+83.2, Lt	Mod Class II	12.2	4.7	0/0		3.4																			1.1		1.0			5.0				
54+19.8, Rt	Mod Class II	25.4	27.1	20/20		-0.3	-0.2																		21.1		16.0			95.6				
54+47.5, Lt	Mod Class II	15.9	5.8	0/5		3.0																			1.5		1.2			6.6				
54+52.1, Lt	Mod Class II	11.2	23.1	15/25		-3.9	4.8																		10.6		8.1			48.3				
56+54.8, Lt	Mod Class II	12.7	25.4	5/20		-4.0	3.7																		20.1		15.2			91.2				
58+15.5, Lt	Class II	19.1	25.0	15/25		-4.0	4.7																		16.1		12.3			73.3				
59+93.8, Lt	Class II	16.6	25.0	15/25		-4.0	0.6																		14.6		11.1			66.3				
60+53.2, Lt	Class II	17.2	25.0	15/25		-4.0	0.8																		14.9		11.3			67.8				
62+92.9, Lt	Class II	17.8	25.0	15/25		-3.0	1.5																		15.3		11.7			69.8				
64+55.8, Lt	Approach	19.8	28.3	25/25		-4.0	4.6	1.4																		50.6				92.1		92.1		
65+08.6, Lt	Mod Class II	25.6	25.0	15/25		-4.1	0.4																		19.8		15.1			90.2				
66+54.9, Lt	Class II	22.4	25.0	15/25		-4.1	1.1																		18.1		13.7			82.2				
67+78.3. Lt	Class II	21.7	25.0	15/25		-4.1	1.0																		17.9		13.6			81.3				
69+45.8, Lt	Mod Class II	24.7	23.8	15/20		-4.0	-5.7	0.4																	14.7		11.2			66.9				
69+91.8, Lt	Class II	17.9	25.0	15/25		-4.1	-6.0	-0.5																					70.6		70.6	11.8			
70+12.8, Rt	Class II	13.8	44.5	25/15		-1.5	3.4	1.1																							85.6				
71+19.1, Rt	Class II	19.6	44.6	25/15		-1.2	1.8																		18.8		14.3		111.9		111.9	18.6			
72+23.2, Lt	Class II	20.6	36.0	15/25		-3.6	0.5																		23.4		17.8			106.5				
73+42.7, Rt	Class II	20.2	25.5	25/15		-0.8																			16.8		12.8			76.6				

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL G R. Wendling 08/11/2023
DESIGN ENGINEER

DESIGNED: PEC DRAWN: PEC
CHECKED: GRW CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

APPROACH TABLE
CR 600 W / CR 300 S

HORIZONTAL SCALE	BRIDGE FILE
NA	
VERTICAL SCALE	DESIGNATION
NA	1802940
SURVEY BOOK	SHEETS
	103 of 214
CONTRACT	PROJECT
R-41989	1802940

PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION (STATION)	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADII	DISTANCE BEYOND R/W LINE	GRADE			EXCAVATION		HMA PVMT - K			HMA PVMT - W			HMA SHLDR - J			HMA OVERLAY - R				AGG SHLDR - O	HMA FOR APPROACHES TYPE B	HMA FOR APPROACHES TYPE B	COMPATED AGGREGATE, NO. 53	COMPATED AGGREGATE, NO. 53	PCCP FOR APPROACHES	SUBGRADE TREATMENT TYPE IBC	SUBGRADE TREATMENT TYPE II	DENSE GRADED SUBBASE	GEOGRID TYPE 1B	ASPHALT FOR TACK COAT	REMARKS
						1	2	3	CUT	FILL	QC/QA-HMA, 3, 76, SURFACE 9.5 mm SMA [1]	QC/QA-HMA, 2, 76, INTERMEIDATE 12.5 mm [2]	QC/QA-HMA, 2, 64, BASE, 19.0 mm	QC/QA-HMA, 3, 76, SURFACE 9.5 mm SMA [1]	QC/QA-HMA, 2, 76, INTERMEIDATE 12.5 mm [2]	QC/QA-HMA, 2, 64, BASE, 19.0 mm	QC/QA-HMA, 3, 76, SURFACE 9.5 mm SMA [1]	QC/QA-HMA, 2, 76, INTERMEIDATE 12.5 mm [2]	COMPATED AGGREGATE, NO. 53 [4]	ASHPALT MILLING	QC/QA-HMA, 3, 76, SURFACE 9.5 mm SMA [1]	QC/QA-HMA, 2, 76, INTERMEIDATE 12.5 mm [2]	QC/QA-HMA, 2, 76, INTERMEIDATE 12.5 mm [2]	COMPATED AGGREGATE, NO. 53 [4]			COMPATED AGGREGATE, NO. 53							
		FT	FT	FT	FT	%	%	%	CYS	CYS	220#/SYD. TONS	220#/SYD. TONS	440#/SYD. TONS	220#/SYD. TONS	220#/SYD. TONS	440#/SYD. TONS	165#/SYD. TONS	275#/SYD. TONS	4 IN. TONS	SYS	220#/SYD. TONS	220#/SYD. TONS	VAR. TONS	8 IN. TONS	440#/SYD. TONS	1100#/SYD. TONS	6 IN. CYS	12 IN. CYS	6 IN. SYS	SYS	SYS	CYS	CYS	TONS	
73+53.1, Lt	Class II	13.5	25.0	15/25		-4.1	5.5	1.1																	12.8		9.7				58.1				
75+47.5, Lt	Mod Class II	10.9	26.0	15/25		-3.6	9.3	1.9																	10.5		8.0				47.6				
76+03.4, Rt	Approach	22.1	48.4	40/40		-1.5	-8.6	-2.9																		107.5					195.4		195.4		
76+79.4, Lt	Class II	15.8	25.0	15/25		-4.0	4.7	3.2																	14.3		10.8				64.8				
77+37.4, Rt	Class II	16	45.8	25/15		-1.5	-5.6	0.9																					99.0		99.0	16.5			
78+04.6, Lt	Class II	18.5	25.0	15/25		-4.0	2.4																						71.8		71.8	12.0			
78+22.3, Rt	Class II	17	41.2	25/15		-1.5	1.3																						98.6		98.6	16.4			
LINE "SL"																																			
1+09.3, Lt	Mod Class II	22.3	25.0	10/25		-4.0	4.8	1.4																					77.0		77.0	12.8			
LINE "A"																																			
88+60.9, Rt	Mod Class II	23.1	37.6	25/15		-1.5	2.8																		21.6		16.4				98.2				
89+65.2, Rt	Class II	12.7	27.8	25/15		-1.5	0.4																		13.7		10.4				61.9				
93+65.0, Lt	Mod Class V	30	21.5	15/15		-4.0	-15.6	-2.5																				27.4							
97+50.0, Rt	Class II	24	42.0	25/25		-1.5	2.0	-1.5																	21.2		16.1	15.1			96.5				
100+77.4, Rt	Class II	20.9	27.2	25/15		-1.5	1.8	3.0																	18.3		13.9				83.2				
101+77.2, Rt	Mod Class II	9.2	27.2	25/15		-1.5	0.5																		9.0		6.8	2.5			40.7				Length includes 7.2' of gravel drive
106+88.4, Lt	Class II	12	27.0	15/25		-4.0	1.5	-0.9																	12.4		9.4				56.2				
107+21.6, Rt	Class IV	24.2	33.0	20/20		-4.0	-1.5	0.1																		110.6	33.6				86.6		86.6		
110+81.2, Rt	Mod Class IV	44.1	40	40/40		-1.5	7.4	1.1																		137.6	41.7				250.2		250.6		Median curb required to move
115+80.2, Rt	Mod Class IV	30.8	41.6	40/40		-1.5	0.4																			120.3	36.5				218.7		218.7		
120+51.5, Lt	Mod Class II	9.7	26.0	15/15		-3.7	-0.6																		9.5		7.2				43.2				
121+29.8, Rt	Mod Class IV	37.7	42.3	40/40		-1.5	5.7	0.3																		139.6	42.3				253.7		253.7		
122+18.2, Lt	Mod Class II	9.4	31.4	15/25		-3.9	0.2																		11.2		8.5				50.9				
122+40.5, Lt	Mod Class V	8.4	31.6	10/15		-4.0	1.7	0.7																				12.7							
LINE "WL"																																			
1+63.8, Rt	Class I	12.3	31.6	25/15		-4.5	1.4																						64.4		64.4	10.7			
LINE "EL"																																			
1+02.0, Rt	Mod Class II	16.3	28.6	25/15		-2.3	-6.2	-0.4																					77.1		77.1	12.8			
TOTALS											489.6	490.2	982.2	300.0	300.0	600.0	715.5	725.2	1525.1	8339.3	917.4	917.4	36.8	1525.1	413.4	1242.3	505.7	57.7	1183.3	17,459.7	5297.9	212.0	2146.3	11.03	

TOTALS [1] - 2422.5 Tons [3] - 1582.2 Tons
[2] - 2429.8 Tons [3] - 3050.2 Tons

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL G R. Wendling 08/11/2023
DESIGN ENGINEER

DESIGNED: PEC DRAWN: PEC
CHECKED: GRW CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

APPROACH TABLE
CR 600 W / CR 300 S

HORIZONTAL SCALE	BRIDGE FILE
NA	
VERTICAL SCALE	DESIGNATION
NA	1802940

SURVEY BOOK	SHEETS
	104 of 214
CONTRACT	PROJECT
R-41989	1802940

STRUCTURE DATA TABLE

STRUCTURE NUMBER	LOCATION			SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	RIM ELEVATION	SKEW	COVER	FLOW LINE		SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 1		REVETMENT RIPRAP	GEOTEXTILES	CONCRETE, CLASS A, FOR STRUCTURES	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION		CONNECT TO STR. NO.	CULVERT ASSET ID	REMARKS
	STATION	LEFT, RIGHT OR CROSS	OFFSET								UP STREAM	DOWN STREAM																		
			FT	IN			LFT			LFT	ELEV	ELEV	YRS				CYS		TONS	SYS	CYS	EA	TYPE	SLOPE	EA	SLOPE	EA			
10	31+69 "A"	Rt	37.8	30	2	Manhole Type "C-4"	3			1.5	818.34	818.33	75	N	7	1	1.8													
11	31+87 "A"	Rt	38.8	15	2	Inlet Type "E-7"	15	822.33		2.8	818.46	818.40	75	N	7	1	8.4											10		
13	32+76 "A"	Rt	43.5	15	2	Manhole Type "C-4"	86	823.60		1.9	820.48	818.45	75	N	7	1	13.9											11		
15	34+77 "A"	Rt	43.2	15	2	Inlet Type "E-7"	198	824.79		0.3	822.50	820.49	75	N	7	1	21.7											13		
16	36+83 "A"	Lt	35.7	15	3	Type 3 Pipe	35	---		1.1	824.21	823.95	75	N	7	1	9		1.4	2.8		2								
17	38+21 "A"	Lt	34.7	15	3	Type 3 Pipe	36	---		1.1	825.22	824.95	75	N	7	1	10.1		1.4	2.8		2								
18	39+95 "A"	Lt	38.1	15	3	Type 3 Pipe	37	---		1.5	826.51	826.24	75	N	7	1	11.9		1.4	2.8		2								
19	40+98 "A"	Lt	37.2	15	3	Type 3 Pipe	35	---		1.2	827.28	827.01	75	N	7	1	10.2		1.4	2.8		2								
20	42+35 "A"	Lt	36.5	15	3	Type 3 Pipe	37	---		0.7	828.37	828.02	75	N	7	1	9.3		1.4	2.8		2								
21	46+99 "A"	Rt	41.2	12	3	Type 3 Pipe	28	---		1.0	829.34	829.01	75	N	7	1	6.4		1.4	2.8		2								
22	47+85 "A"	Lt	31.7	15	3	Type 3 Pipe	34	---		0.1	827.45	827.28	75	N	7	1	6.6		1.4	2.8		2								
23	51+50 "A"	Lt	29.8	15	3	Inlet Type "E-7"	99	828.52		0.8	825.24	824.74	75	N	7	1	13.7		1.4	2.8		1								
24	56+69 "A"	Lt	34.6	15	3	Type 3 Pipe	46	---		0.3	825.52	825.39	75	N	7	1	7.8		1.4	2.8		2								
25	58+33 "A"	Lt	32.8	15	3	Type 3 Pipe	33	---		0.4	826.25	825.95	75	N	7	1	6.0		1.4	2.8		2								
26	59+87 "A"	Rt	91.5	36	2	Manhole Type "J-2"	36	827.70		1.4	824.04	823.98	75	N	7	1	23.7		7.7	15.5		1								
27	59+93 "A"	Rt	98.1	12	2	Type 2 Pipe	6	---		2.7	824.05	824.04	75	N	7	1	3.0					1						26		
28	60+11 "A"	Lt	33.6	15	3	Type 3 Pipe	32	---		.7	828.03	827.71	75	N	7	1	6.6		1.4	2.8		2								
29	60+70 "A"	Lt	34.0	15	3	Type 3 Pipe	33	---		0.8	828.63	828.30	75	N	7	1	7.0		1.4	2.8		2								
30	63+13 "A"	Lt	36.1	15	3	Type 3 Pipe	39	---		1.2	829.67	829.53	75	N	7	1	12.3		1.4	2.8		2								
31	60+50 "A"	Rt	54.4	36	2	Manhole Type "K-4"	34	830.05		4.0	824.33	824.26	75	N	7	1	46.4		2.0	4.0		1								
32	64+76 "A"	Lt	37.5	15	3	Type 3 Pipe	45	---		2.0	830.24	830.08	75	N	7	1	17.5		1.4	2.8		2								
33	65+30 "A"	Lt	39.6	15	3	Type 3 Pipe	47	---		2.0	830.43	830.26	75	N	7	1	17.7		1.4	2.8		2								
34	66+77 "A"	Lt	39.5	15	3	Type 3 Pipe	44	---		1.8	830.94	830.79	75	N	7	1	16.8		1.4	2.8		2								
35	68+01 "A"	Lt	37.2	15	3	Type 3 Pipe	42	---		2.1	831.38	831.23	75	N	7	1	16.9		1.4	2.8		2								
36	69+59 "A"	Lt	35.5	15	3	Type 3 Pipe	33	---		0.5	831.99	831.83	75	N	7	1	6.5		1.4	2.8		2								
37	70+09 "A"	Lt	34.8	15	3	Type 3 Pipe	31	---		0.2	832.24	832.08	75	N	7	1	7.9		1.4	2.8		2								
38	70+29 "A"	Rt	49.7	15	3	Type 3 Pipe	33	---		1.8	832.10	831.98	75	N	7	1	11.8		1.4	2.8		2								
39	71+52 "A"	Rt	49.9	15	3	Type 3 Pipe	35	---		1.1	832.59	832.41	75	N	7	1	9.0		1.4	2.8		2								
40	72+47 "A"	Lt	34.0	15	3	Type 3 Pipe	37	---		0.2	834.63	833.69	75	N	7	1	7.0		1.4	2.8		2								
41	75+22 "A"	Lt	33.5	15	3	Type 3 Pipe	33	---		1.9	835.29	834.56	75	N	7	1	13.7		1.4	2.8		2								
42	75+83 "A"	Rt	52.3	15	1	Type 1 Pipe	41	---		0.1	834.30	834.17	75	N	7	1	5.1		1.4	2.8		2								
43	76+62 "A"	Lt	34.2	15	3	Type 3 Pipe	37	---		1.5	834.25	834.13	75	N	7	1	11.7		1.4	2.8		2								
44	77+20 "A"	Rt	52.0	15	3	Type 3 Pipe	32	---		0.3	833.89	833.79	75	N	7	1	5.0		1.4	2.8		2								
45	77+87 "A"	Lt	34.8	15	3	Type 3 Pipe	36	---		1.2	833.85	833.65	75	N	7	1	11.5		1.4	2.8		2								
46	78+03 "A"	Rt	51.7	15	3	Type 3 Pipe	38	---		1.0	833.64	833.53	75	N	7	1	9.8		1.4	2.8		2								
47	78+92 "A"	Lt	30.5	15	3	Type 3 Pipe	33	---		2.4	832.99	832.69	75	N	7	1	16.4		1.4	2.8		2								
48	79+44 "A"	X	49.0	15	1	Type 1 Pipe	79	---		0.8	833.20	832.91	75	N	7	1	20.8		1.4	2.8		2								
49	80+42 "A"	Lt	13.0	24	2	Manhole Type "J-10"	33	838.09		2.4	831.93	831.83	75	N	7	1	24.5		5.3	7.1		1								
50	80+47 "A"	Rt	23.4	24	2	Manhole Type "J-10"	32	838.11		2.6	832.15	832.04	75	N	7	1	21.1											49		
51	81+15 "A"	Rt	24.3	24	2	Manhole Type "C-4"	64	839.88		2.5	832.43	832.22	75	N	7	1	50.1											50		

GREGORY R. WENDLING
REGISTERED
No. PE19300399
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL
G R. Wendling 08/11/2023
DESIGN ENGINEER

DESIGNED: CNC | DRAWN: CNC
CHECKED: GRW | CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE
CR 600 W

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1802940
SURVEY BOOK	SHEETS
	105 of 214
CONTRACT	PROJECT
R-41989	1802940

STRUCTURE DATA TABLE

STRUCTURE NUMBER	LOCATION			SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	RIM ELEVATION	SKEW	COVER	FLOW LINE		SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 1		REVETMENT RIPRAP	GEOTEXTILES	CONCRETE, CLASS A, FOR STRUCTURES	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION		CONNECT TO STR. NO.	CULVERT ASSET ID	REMARKS
	STATION	LEFT, RIGHT OR CROSS	OFFSET								UP STREAM	DOWN STREAM																		
			FT	IN			LFT			LFT	ELEV	ELEV	YRS				CYS		TONS	SYS	CYS	EA	TYPE	SLOPE	EA	SLOPE	EA			
52	81+18 "A"	Rt	81.2	12	2	Inlet Type "M-10"	53	839.49		4.5	833.46	833.29	75	N	7	1	38.2											51		
53	81+69 "A"	Rt	77.9	12	2	Inlet Type "J-10"	48	839.50		3.6	833.71	833.56	75	N	7	1	26.3											52		
54	82+23 "A"	Lt	46.6	12	2	Type 2 Pipe	20	---		2.6	835.39	835.33	75	N	7	1	9.3					1						55		
55	82+18 "A"	Lt	25.9	12	2	Inlet Type "M-10"	48	839.62		2.2	835.23	835.07	75	N	7	1	17.1											56		
56	82+26 "A"	Rt	24.3	24	2	Manhole Type "C-10"	107	839.46		3.3	832.86	832.53	75	N	7	1	90.9											51		
57	82+37 "A"	Rt	46.0	12	2	Type 2 Pipe	22	---		2.3	835.80	835.60	75	N	7	1	8.6					1						56		
58	82+99 "A"	Lt	28.2	12	2	Inlet Type "J-10"	31	838.74		0.5	835.99	835.89	75	N	7	1	4.8											59		
59	82+99 "A"	Rt	4.6	12	2	Inlet Type "M-10"	72	838.72		0.8	835.79	835.56	75	N	7	1	17.6											56		
60	80+99 "A"	Lt	199.9	12	2	Inlet Type "J-10"	23	836.97		0.6	834.22	834.14	75	N	7	1	4.1											63		
61	81+59 "A"	Lt	179.9	15	2	Inlet Type "E-7"	16	835.39		1.0	833.27	833.22	75	N	7	1	4.7											62		
62	81+41 "A"	Lt	177.6	18	2	Inlet Type "M-10"	35	837.43		1.5	833.22	833.14	75	N	7	1	11.5											63		
63	81+03 "A"	Lt	172.8	18	2	Manhole Type "C-10"	62	837.18		0.8	833.14	833.01	75	N	7	1	5.0		1.4	2.8		1								
64A	6+27 "S-1-A"	Rt	54.3	24	2	Manhole Type "C-2"	1	832.40		0.9	829.25	829.23	75	N	7	1	0.5											65		
64	6+25 "S-1-A"	Rt	61.1	12	2	Type 2 Pipe	5	---		1.5	829.31	829.28	75	N	7	1	1.5					1						64A		
65	6+29 "S-1-A"	Rt	48.1	36	2	Manhole Type "J-2"	4	833.90		3.5	827.98	827.97	75	N	7	1	4.1													
66	88+77 "A"	Rt	46.6	12	3	Type 3 Pipe	31	---		0.7	837.76	837.67	75	N	7	1	5.9		1.4	2.8		2								
67A	93+26 "A"	Lt	60.5	36	2	Manhole Type "J-4"	4				831.64	831.63	75	N	7															
67	93+48 "A"	Lt	61.5	36	2	Manhole Type "J-4"	17	839.00		3.8	831.82	831.68	75	N	7	1	25.4											67A		
68B	95+85 "A"	Rt	23.0	24	2	Manhole Type "H-4"	41	840.66		2.7	834.11	834.00	75	N	7	1	32.3											68A		
68A	95+85 "A"	Lt	22.0	24	2	Manhole Type "C-4"	15	840.02		2.7	832.64	832.58	75	N	7	1	16.3											68		
68	95+85 "A"	Lt	41.0	36	2	Manhole Type "J-4"	233	837.87		2.4	832.05	831.82	75	N	7	1	44.3											67		
69	95+85 "A"	Rt	43.2			Type 2, Deformed, Min. Area 3.3 SFT	18			0.8	837.49	837.39	75	N	7	1	5.0					1						68B		
70A	97+34 "A"	Rt	46.3	18	3	Type 3 Pipe	32			0.6	837.22	837.11	75	N	7	1	6.8		1.4	2.8		2								
70	99+50 "A"	Lt	41.0	36	2	Manhole Type "J-4"	360	837.36		1.5	832.42	832.06	75	N	7	1	57.5											68		
71A	99+50 "A"	Rt	23.1	24	2	Manhole Type "H-4"	52	839.43		3.2	832.76	832.62	75	N	7	1	43.7											71		
71	99+50 "A"	Lt	33.5		2	Manhole Type "C-2"	3	836.10		1.2	832.62	832.42	75	N	7	1	3.9											70		
72	99+50 "A"	Rt	42.6	30		Type 2, Deformed, Min. Area 3.3 SFT	17			0.7	836.31	836.21	75	N	7	1	6.8					1						71A		
73	100+95 "A"	Rt	36.0	12	3	24" Pipe Catch Basin	52	838.90		0.3	836.90	836.74	75	N	7	1	4.8		1.4	2.8		1								
74A	102+50 "A"	Rt	23.0	24	2	Manhole Type "H-4"	58	839.76		3.5	832.91	832.75	75	N	7	1	52.3											74		
74	102+50 "A"	Lt	41.0		2	Manhole Type "K-4"	295	837.78		1.5	832.72	832.42	75	N	7	1	24.9											70		
75	102+50 "A"	Rt	42.5	30		Type 2, Deformed, Min. Area 3.3 SFT	17			0.9	836.68	836.59	75	N	7	1	7.6					1						74A		
76	102+60 "A"	Lt	34.8	12	2	Inlet Type "E-7"	7	836.07		0.8	834.02	833.98	75	N	7	1	3.5											74		
77	107+03 "A"	Lt	34.6	15	3	Type 3 Pipe	28	---		1.0	837.35	837.27	75	N	7	1	6.9		1.4	2.8		2								
78	107+57 "A"	Rt	39.4	18	1	Inlet Type "E-7"	67	839.68		0.2	837.73	837.53	75	N	7	1	10.6		1.4	2.8		1								
79	119+80 "A"	Lt	32.8	15	3	Type 3 Pipe	55	---		0.8	838.25	837.96	75	N	7	1	5.0					1						80		
80	120+35 "A"	Lt	24.5	15	3	24" Pipe Catch Basin	53	840.25		0.3	837.96	837.86	75	N	7	1	6.1		1.4	2.8		1								
81	121+03 "A"	Rt	52.0	15	3	Type 3 Pipe	54	---		1.3	838.23	838.07	75	N	7	1	16.1		1.4	2.8		2								
82	121+94 "A"	Lt	36.1	15	3	Type 3 Pipe	25	---		1.1	837.54	837.46	75	N	7	1	6.6					1						83		
83	122+20 "A"	Lt	36.7	15	3	Inlet Type "E-7"	30	840.60		1.1	837.46	837.37	75	N	7	1	9.7		1.4	2.8		1								
404	81+60 "A"	Lt	72.3			Existing Sanitary Manhole																								Reconstr & Adjust Casting to Grade

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: CNC | DRAWN: CNC

CHECKED: GRW | CHECKED: GRW

INDIANA DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE
CR 600 W

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1802940
SURVEY BOOK	SHEETS
	106 of 214
CONTRACT	PROJECT
R-41989	1802940

STRUCTURE NUMBER		11	13	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
PIPE SIZE		2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	2	3	3	3	3	3	3	3	3	3	3	1	3	3	3
SMOOTH PIPE SIZE		15	15	15	15	15	15	15	15	12	15	15	15	15	36	12	15	15	15	21	15	15	15	15	15	15	15	15	15	15	15	15	15	15
CORRUGATED PIPE SIZE		0	0	0	15	15	15	15	15	12	15	15	15	15	0	0	15	15	15	0	15	15	15	15	15	15	15	15	15	15	15	15	15	15
SEME-SMOOTH PIPE SIZE		0	0	0	15	15	15	15	15	12	15	15	15	15	0	0	15	15	15	0	15	15	15	15	15	15	15	15	15	15	15	15	15	15
RCP/ RCHEP (S)	CLASS	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II
	D 0.01 RATING	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
LRFD NON-REINFORCED CONCRETE PIPE CLASS 3		X	X				X									X				X	X	X	X	X			X			X		X		
CORRUGATED POLYETHYLENE PIPE TYPE "S"		X														X				X	X	X		X										
PROFILE WALL (CLOSED) POLYETHYLENE PIPE																				X														
PROFILE WALL (RIBBED) POLYETHYLENE PIPE																				X														
SMOOTH WALL POLYETHYLENE PIPE	DIMENSION RATIO = 26	X														X				X	X	X		X										
CORRUGATED POLYPROPYLENE PIPE		X														X				X	X	X		X										
PROFILE WALL POLYVINYL CHLORIDE PIPE		X														X				X	X	X		X										
SMOOTH WALL POLYVINYL CHLORIDE PIPE		X														X				X	X	X		X										
VITRIFIED CLAY PIPE, EXTRA STRENGTH		X	X				X									X				X	X	X	X	X			X			X		X		
2 2/3" x 1/2" CORRUGATED STEEL PIPE (LOCK SEAM)	(0.064) Polymer Precoated Galvanized																														X			
	(0.109) Zinc Coated w/Paved Invert				X	X	X	X	X		X	X	X	X			X	X	X		X	X	X	X	X	X	X	X	X			X	X	X
	(0.064) Aluminum Coated Type 2																														X			
	(0.064) Zinc Coated w/Paved Invert																														X			
	(0.109) Zinc Coated																														X			
	(0.109) Polymer Precoated Galvanized				X	X	X	X	X		X	X	X	X			X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X
	(0.109) Aluminum Coated Type 2				X	X	X	X	X		X	X	X	X			X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X
2 2/3" x 1/2" CORRUGATED ALUMINUM ALLOY PIPE (LOCK SEAM) = 0.060 in					X	X	X	X	X	X	X	X	X	X			X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
2 2/3" x 1/2" CORRUGATED ALUMINUM ALLOY PIPE (RIVETED) = 0.060 in					X	X	X	X	X	X	X	X	X	X			X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
2 2/3" x 1/2" CORRUGATED STEEL PIPE (RIVETED)	(0.064) Polymer Precoated Galvanized																														X			
	(0.109) Zinc Coated w/Paved Invert				X	X	X	X	X		X	X	X	X			X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X
	(0.064) Aluminum Coated Type 2																														X			
	(0.064) Zinc Coated w/Paved Invert																														X			
	(0.109) Zinc Coated																														X			
	(0.109) Polymer Precoated Galvanized				X	X	X	X	X		X	X	X	X			X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X
	(0.109) Aluminum Coated Type 2				X	X	X	X	X		X	X	X	X			X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X
3/4" x 3/4" x 7 1/2" SPIRAL RIB STEEL PIPE	(0.109) Zinc Coated w/Paved Invert						X														X	X	X	X			X			X		X		
	(0.109) Polymer Precoated Galvanized						X														X	X	X	X			X			X		X		
	(0.109) Aluminum Coated Type 2						X														X	X	X	X			X			X		X		

GREGORY R. WENDLING
REGISTERED
No. PE19300399
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL
G R. Wendling 08/11/2023
DESIGN ENGINEER

DESIGNED: PEC
DRAWN: PEC
CHECKED: GRW
CHECKED: GRW

INDIANA
DEPARTMENT OF TRANSPORTATION

PIPE MATERIALS TABLE
CR 600 W / CR 300 S

HORIZONTAL SCALE	BRIDGE FILE
NA	
VERTICAL SCALE	DESIGNATION
NA	1802940

SURVEY BOOK	SHEETS
	107 of 214
CONTRACT	PROJECT
R-41989	1802940

STRUCTURE NUMBER		46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	64A	66	67	68	68A	69	70	71	72	73	74	75	76	77
PIPE SIZE		3	3	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	2	2	2	3
SMOOTH PIPE SIZE		15	15	15	24	24	24	12	12	12	12	24	12	12	12	12	15	18	18	12	24	12	36	36	24	24	36	24	24	12	36	24	12	15
CORRUGATED PIPE SIZE		15	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	12	0	0	0	15
SEME-SMOOTH PIPE SIZE		15	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	12	0	0	0	15
RCP/ RCHEP (S)	CLASS	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II
	D 0.01 RATING	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
LRFD NON-REINFORCED CONCRETE PIPE CLASS 3			X		X	X	X	X	X	X	X	X	X					X			X		X	X	X								
CORRUGATED POLYETHYLENE PIPE TYPE "S"			X		X	X	X	X	X	X	X	X	X					X					X	X	X								
PROFILE WALL (CLOSED) POLYETHYLENE PIPE					X	X	X					X						X					X	X	X								
PROFILE WALL (RIBBED) POLYETHYLENE PIPE					X	X	X					X						X					X	X	X								
SMOOTH WALL POLYETHYLENE PIPE	DIMENSION RATIO = 26		X		X	X	X	X	X	X	X	X	X					X					X	X	X								
CORRUGATED POLYPROPYLENE PIPE			X		X	X	X	X	X	X	X	X	X					X					X	X	X								
PROFILE WALL POLYVINYL CHLORIDE PIPE			X		X	X	X	X	X	X	X	X	X					X					X	X	X								
SMOOTH WALL POLYVINYL CHLORIDE PIPE			X		X	X	X	X	X	X	X	X	X					X							X								
VITRIFIED CLAY PIPE, EXTRA STRENGTH			X		X	X	X	X	X	X	X	X	X					X			X		X	X	X		X				X		
2 2/3" x 1/2" CORRUGATED STEEL PIPE (LOCK SEAM)	(0.064) Polymer Precoated Galvanized																																	
	(0.109) Zinc Coated w/Paved Invert	X	X	X																														X
	(0.064) Aluminum Coated Type 2																																	
	(0.064) Zinc Coated w/Paved Invert																																	
	(0.109) Zinc Coated																																	
	(0.109) Polymer Precoated Galvanized	X	X	X																														X
	(0.109) Aluminum Coated Type 2	X	X	X																														X
2 2/3" x 1/2" CORRUGATED ALUMINUM ALLOY PIPE (LOCK SEAM) = 0.060 in		X	X	X																		X							X				X
2 2/3" x 1/2" CORRUGATED ALUMINUM ALLOY PIPE (RIVETED) = 0.060 in		X	X	X																		X							X				X
2 2/3" x 1/2" CORRUGATED STEEL PIPE (RIVETED)	(0.064) Polymer Precoated Galvanized																																	
	(0.109) Zinc Coated w/Paved Invert	X	X	X																														X
	(0.064) Aluminum Coated Type 2																																	
	(0.064) Zinc Coated w/Paved Invert																																	
	(0.109) Zinc Coated																																	
	(0.109) Polymer Precoated Galvanized	X	X	X																														X
	(0.109) Aluminum Coated Type 2	X	X	X																														X
3/4" x 3/4" x 7 1/2" SPIRAL RIB STEEL PIPE	(0.109) Zinc Coated w/Paved Invert		X																															
	(0.109) Polymer Precoated Galvanized		X																															
	(0.109) Aluminum Coated Type 2		X																															

STRUCTURE NUMBER		78	79	80	81	82	83
PIPE SIZE		1	3	3	3	3	3
SMOOTH PIPE SIZE		18	15	15	15	15	15
CORRUGATED PIPE SIZE		18	15	15	15	15	15
SEME-SMOOTH PIPE SIZE		18	15	15	15	15	15
RCP/ RCHEP (S)	CLASS	II	II	II	II	II	II
	D 0.01 RATING	1000	1000	1000	1000	1000	1000
LRFD NON-REINFORCED CONCRETE PIPE CLASS 3							
CORRUGATED POLYETHYLENE PIPE TYPE "S"							
PROFILE WALL (CLOSED) POLYETHYLENE PIPE							
PROFILE WALL (RIBBED) POLYETHYLENE PIPE							
SMOOTH WALL POLYETHYLENE PIPE	DIMENSION RATIO = 26						
CORRUGATED POLYPROPYLENE PIPE							
PROFILE WALL POLYVINYL CHLORIDE PIPE							
SMOOTH WALL POLYVINYL CHLORIDE PIPE							
VITRIFIED CLAY PIPE, EXTRA STRENGTH							
2 2/3" x 1/2" CORRUGATED STEEL PIPE (LOCK SEAM)	(0.064) Polymer Precoated Galvanized						
	(0.109) Zinc Coated w/Paved Invert	X	X	X	X	X	X
	(0.064) Aluminum Coated Type 2						
	(0.064) Zinc Coated w/Paved Invert						
	(0.109) Zinc Coated						
	(0.109) Polymer Precoated Galvanized	X	X	X	X	X	X
	(0.109) Aluminum Coated Type 2	X	X	X	X	X	X
2 2/3" x 1/2" CORRUGATED ALUMINUM ALLOY PIPE (LOCK SEAM) = 0.060 in		X	X	X	X	X	X
2 2/3" x 1/2" CORRUGATED ALUMINUM ALLOY PIPE (RIVETED) = 0.060 in		X	X	X	X	X	X
2 2/3" x 1/2" CORRUGATED STEEL PIPE (RIVETED)	(0.064) Polymer Precoated Galvanized						
	(0.109) Zinc Coated w/Paved Invert	X	X	X	X	X	X
	(0.064) Aluminum Coated Type 2						
	(0.064) Zinc Coated w/Paved Invert						
	(0.109) Zinc Coated						
	(0.109) Polymer Precoated Galvanized	X	X	X	X	X	X
	(0.109) Aluminum Coated Type 2	X	X	X	X	X	X
3/4" x 3/4" x 7 1/2" SPIRAL RIB STEEL PIPE	(0.109) Zinc Coated w/Paved Invert				X		
	(0.109) Polymer Precoated Galvanized				X		
	(0.109) Aluminum Coated Type 2				X		

GREGORY R. WENDLING REGISTERED No. PE19300399 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 08/11/2023

DESIGNED: PEC | DRAWN: PEC

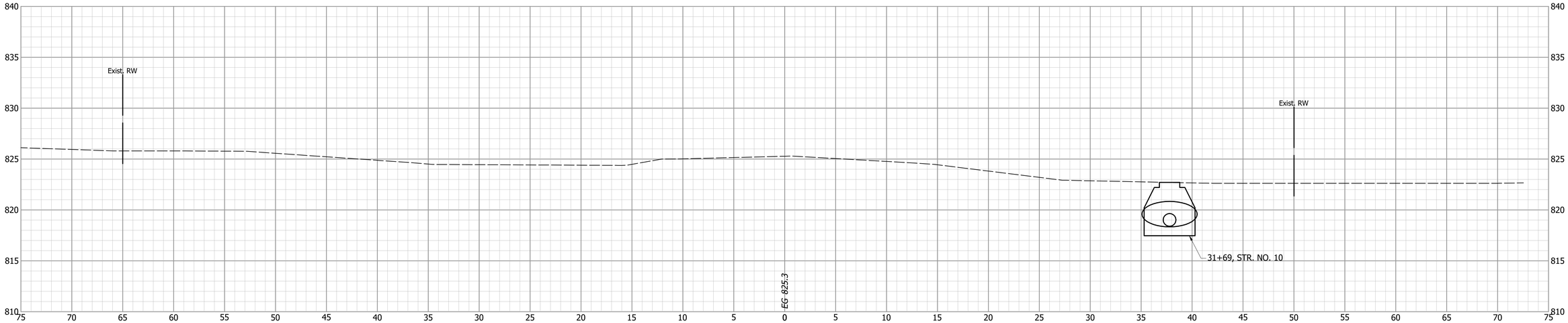
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INDIANA
DEPARTMENT OF TRANSPORTATION

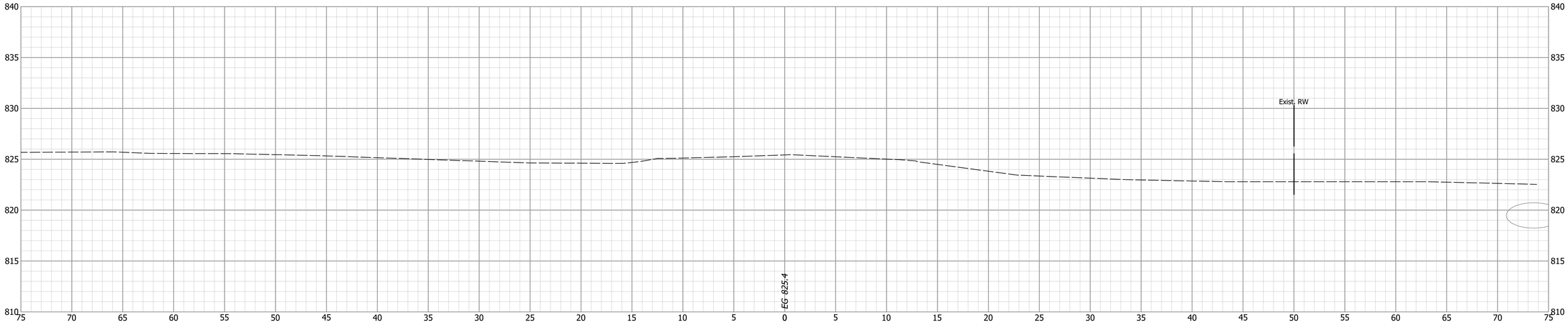
PIPE MATERIALS TABLE
CR 600 W / CR 300 S

HORIZONTAL SCALE	BRIDGE FILE
NA	
VERTICAL SCALE	DESIGNATION
NA	1802940
SURVEY BOOK	SHEETS
	108 of 214
CONTRACT	PROJECT
R-41989	1802940

31+69



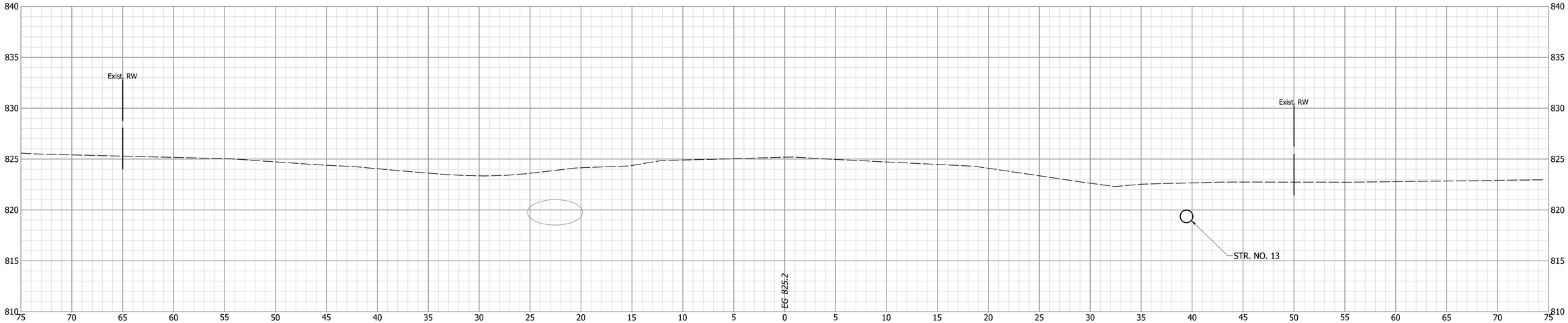
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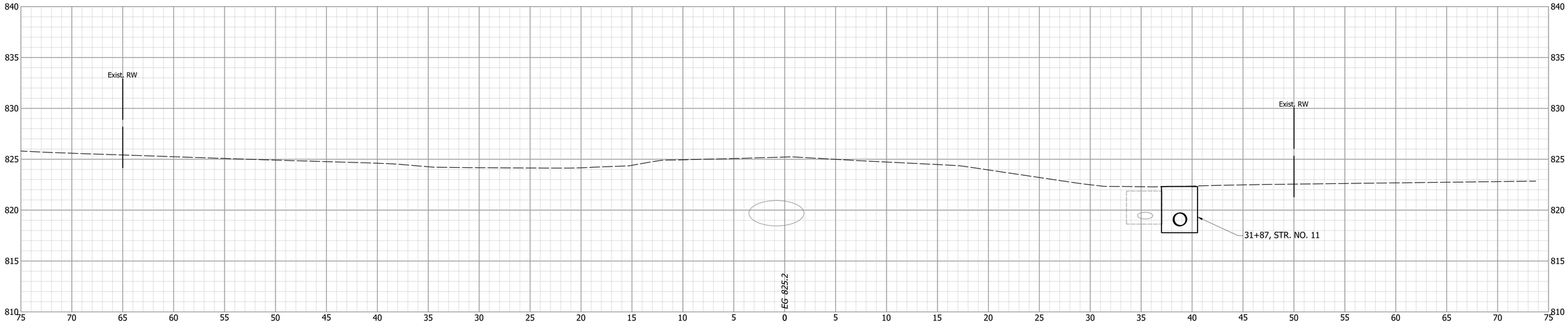
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HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	109 of 214
CONTRACT	PROJECT
R-41989	1802940

32+00



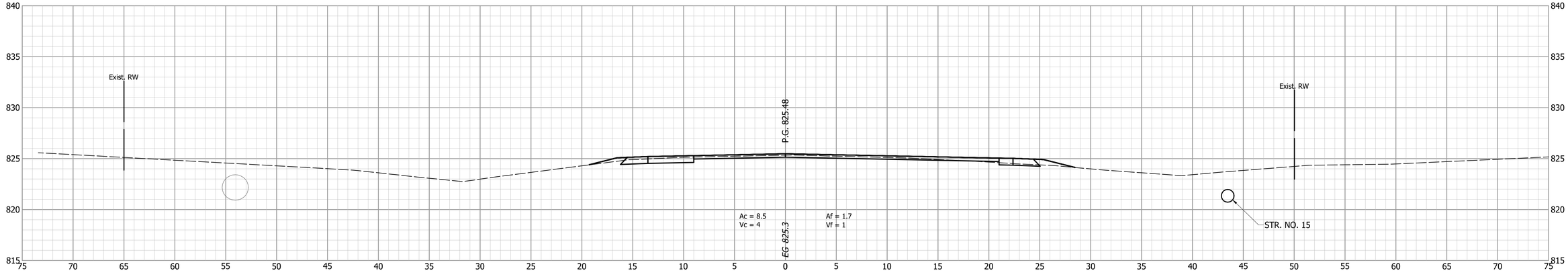
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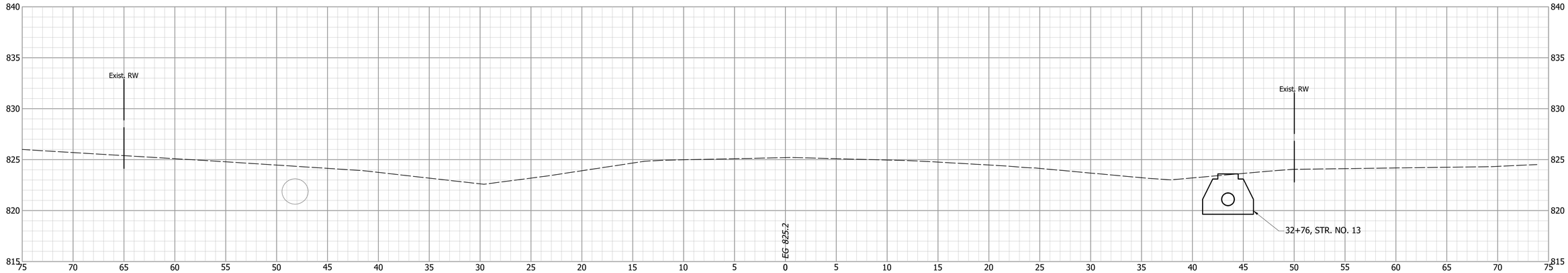
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DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE A
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	110 of 214
CONTRACT	PROJECT
R-41989	1802940

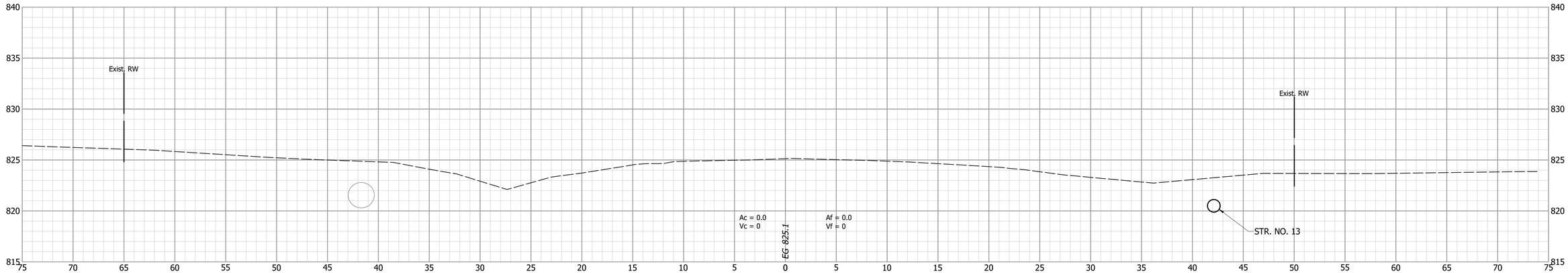
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32+76



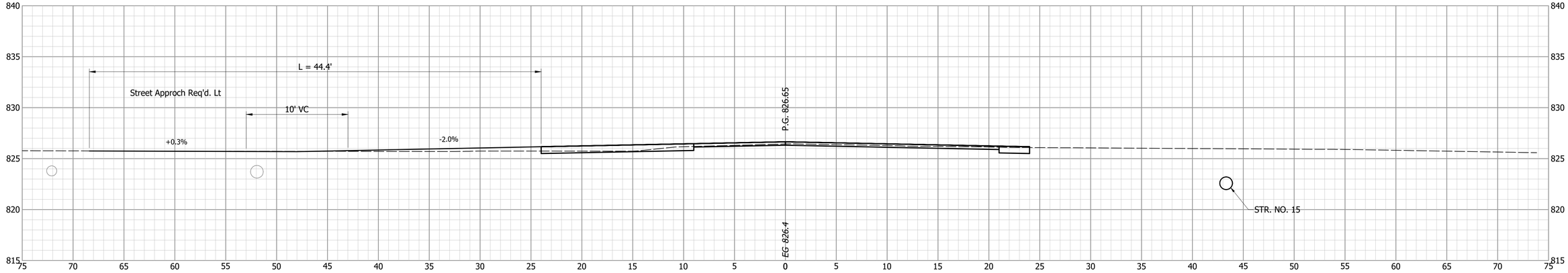
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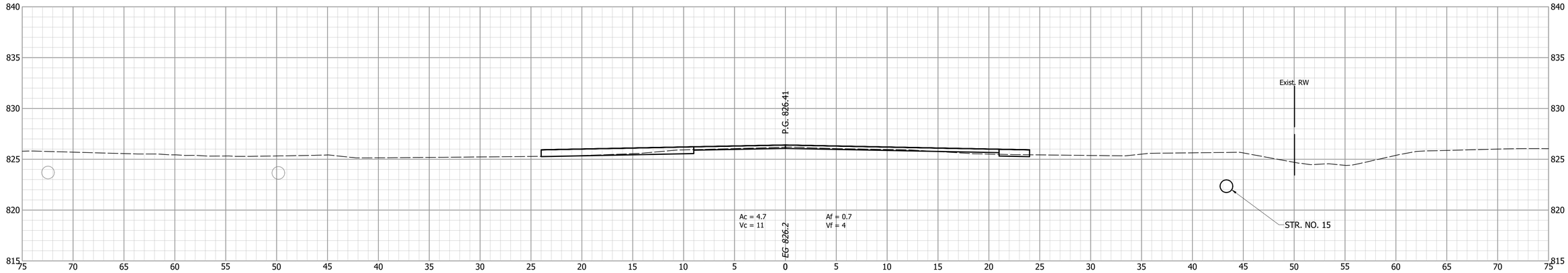
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CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	111 of 214
CONTRACT	PROJECT
R-41989	1802940

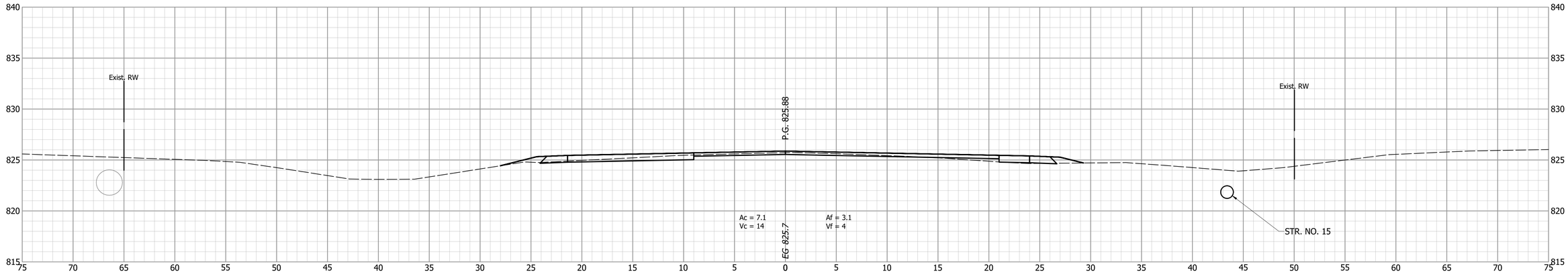
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34+00

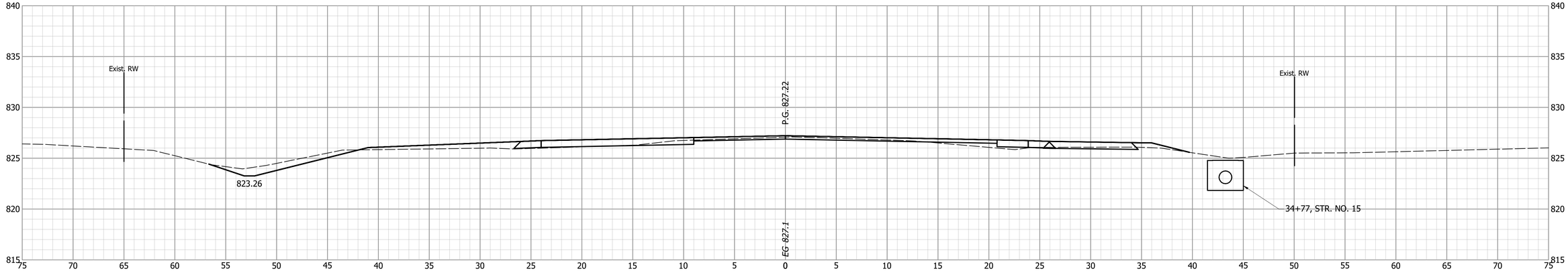


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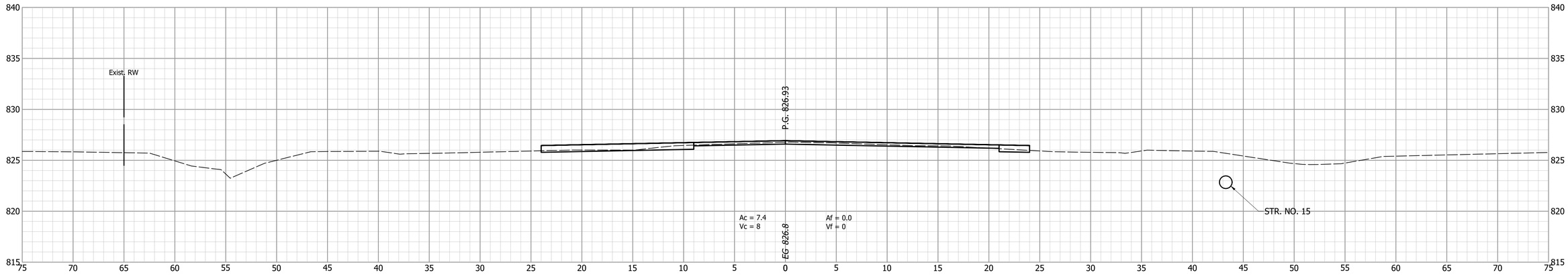


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		DESIGNED: PEC / CHECKED: GRW	DRAWN: PEC / CHECKED: GRW	CROSS SECTIONS LINE A	SURVEY BOOK: / SHEETS: 112 of 214 / CONTRACT: R-41989 / PROJECT: 1802940

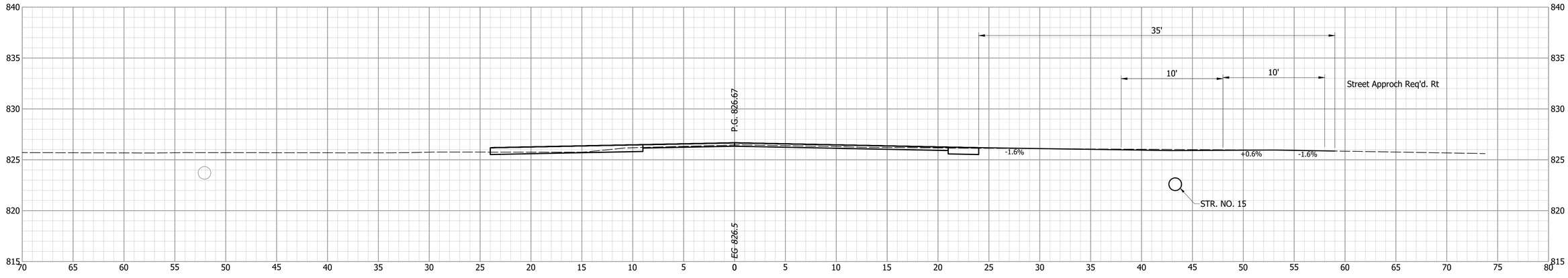
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34+50

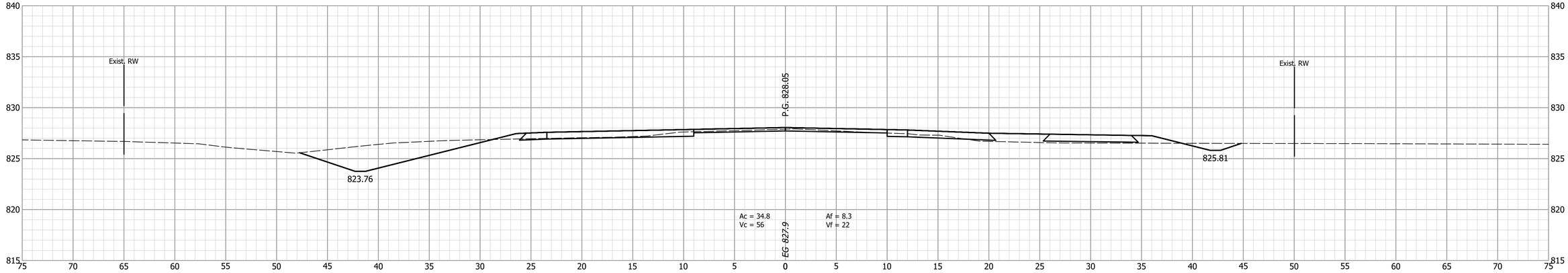


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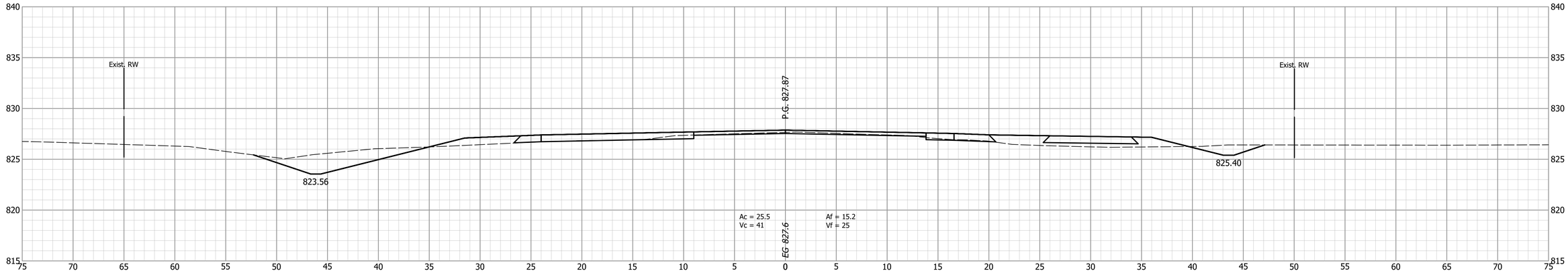


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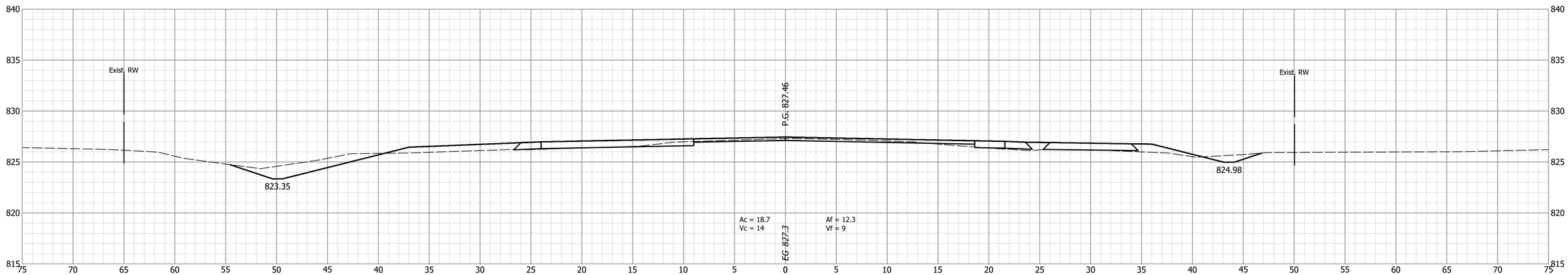
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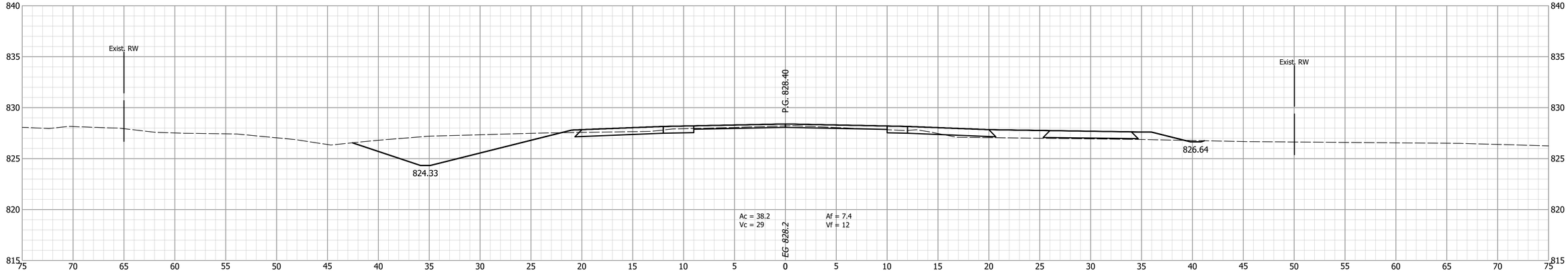


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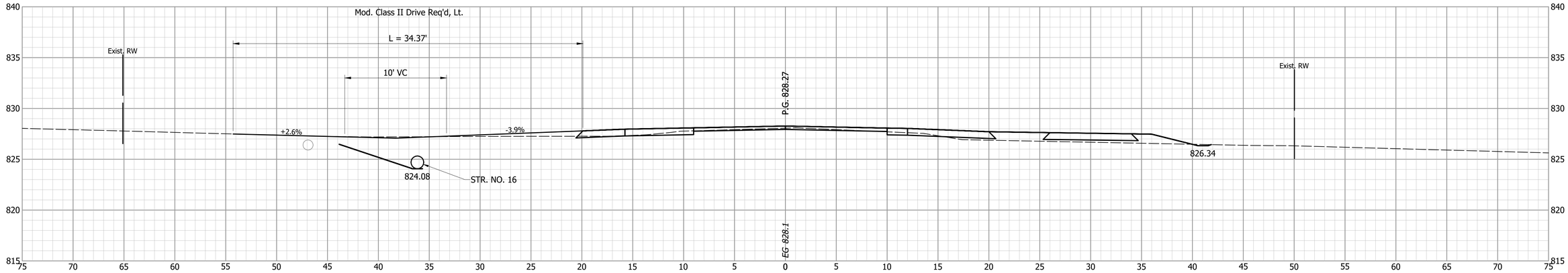


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				VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
		DESIGNED: PEC / DRAWN: PEC	CROSS SECTIONS LINE A	SURVEY BOOK: / SHEETS: 114 of 214
		CHECKED: GRW / CHECKED: GRW		CONTRACT: R-41989 / PROJECT: 1802940

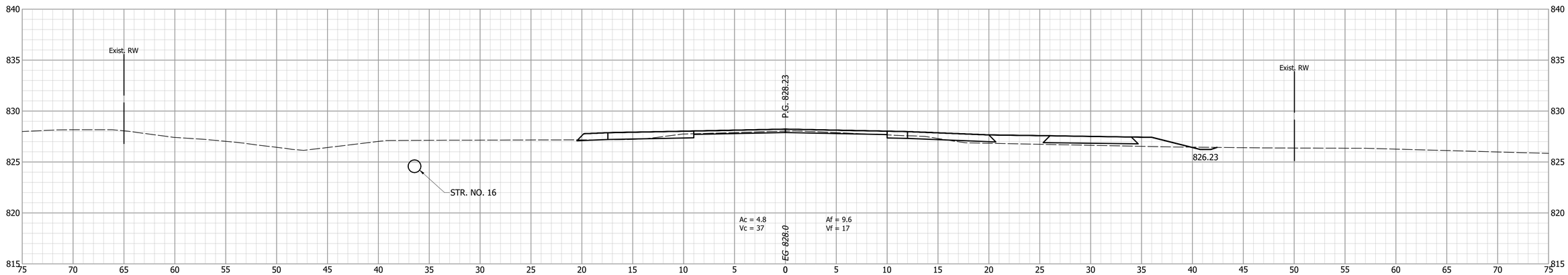
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36+63.3



36+50



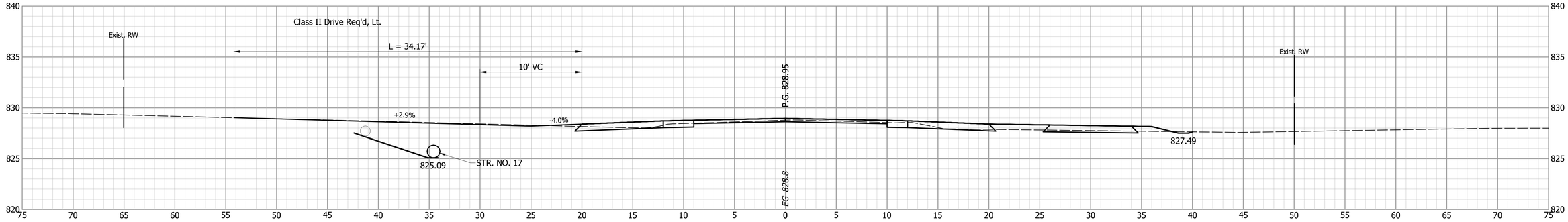
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE A

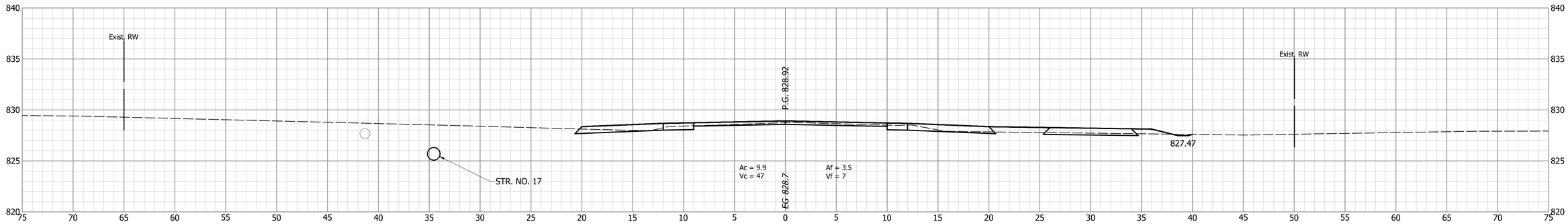
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HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	115 of 214
CONTRACT	PROJECT
R-41989	1802940

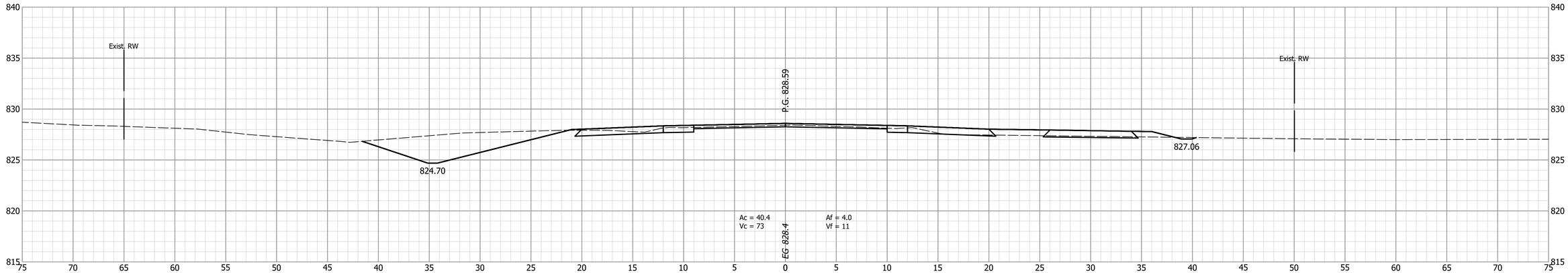
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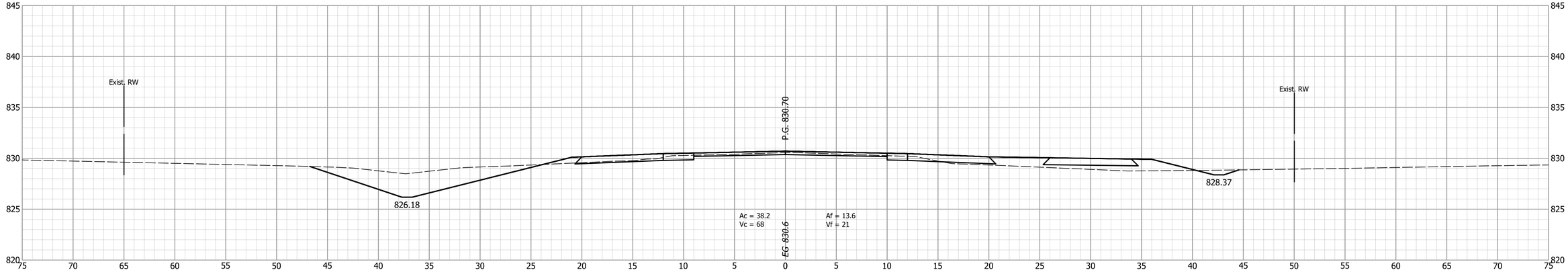
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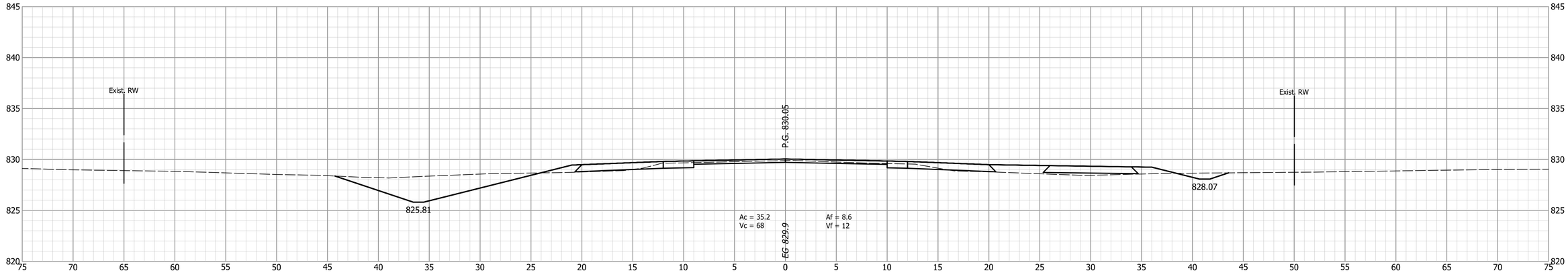
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DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE A
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	116 of 214
CONTRACT	PROJECT
R-41989	1802940

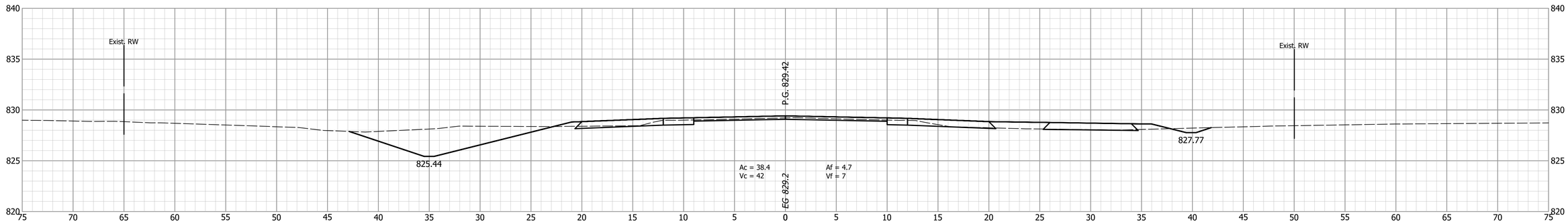
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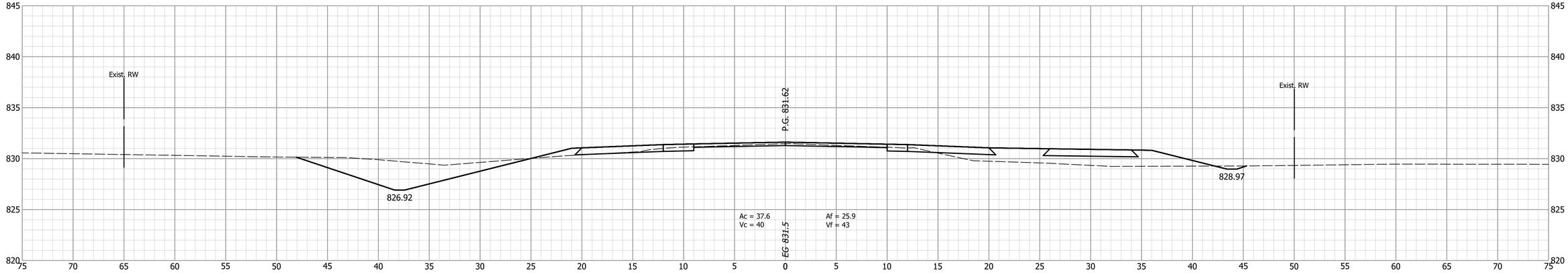


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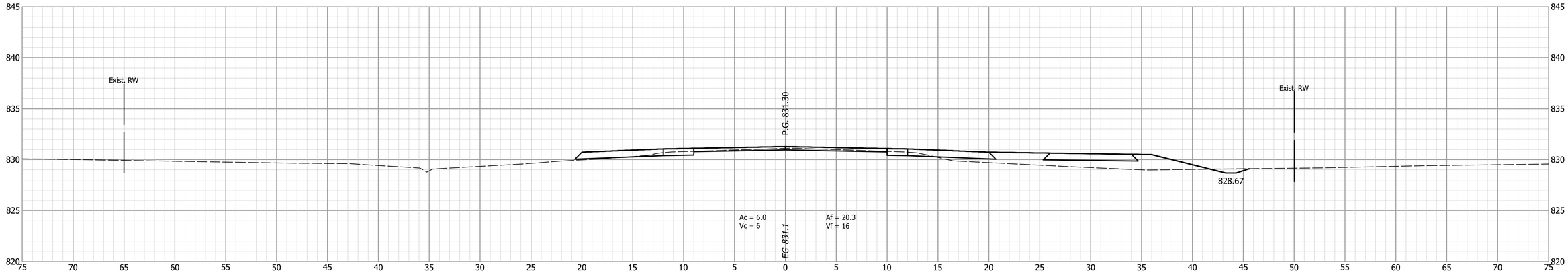


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			VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
	DESIGNED: PEC / DRAWN: PEC	CROSS SECTIONS LINE A	SURVEY BOOK / SHEETS: 117 of 214
	CHECKED: GRW / CHECKED: GRW		CONTRACT: R-41989 / PROJECT: 1802940

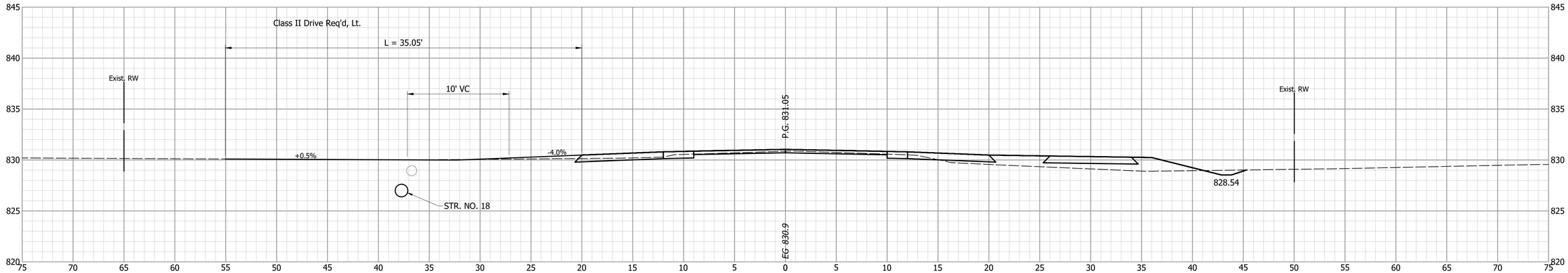
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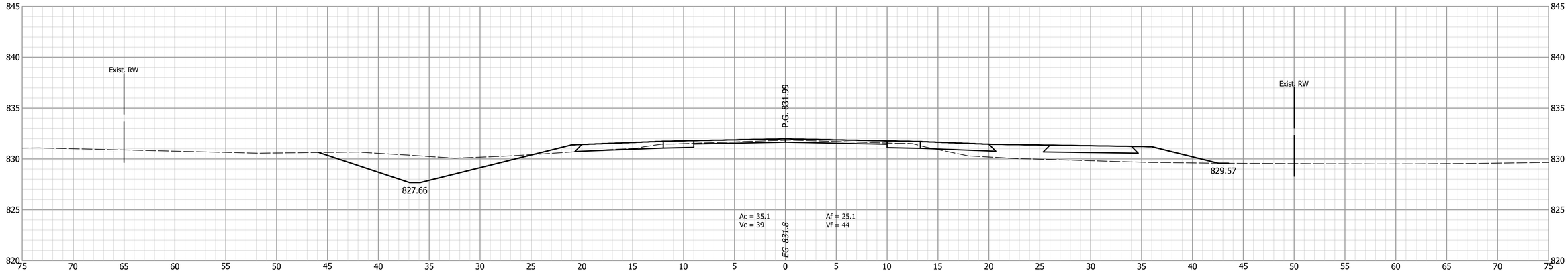


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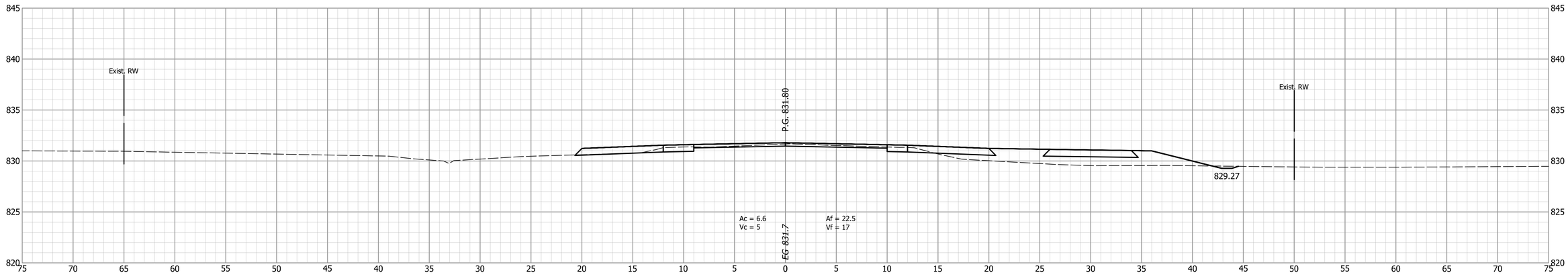


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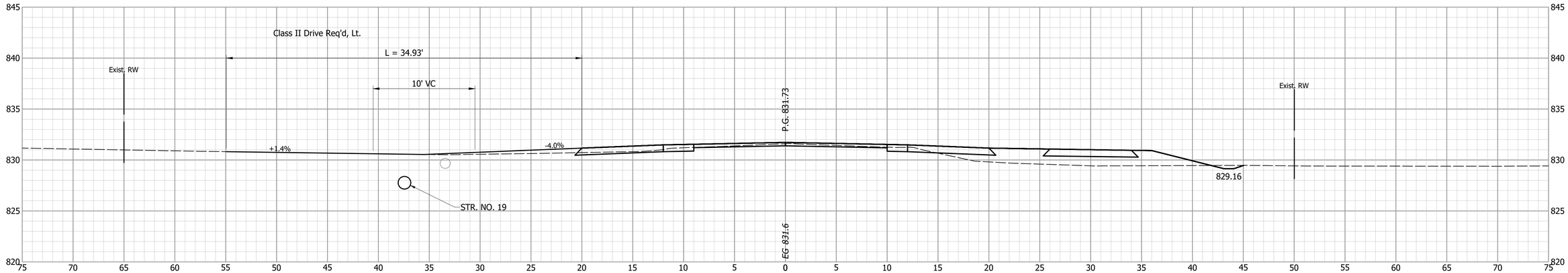
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41+00



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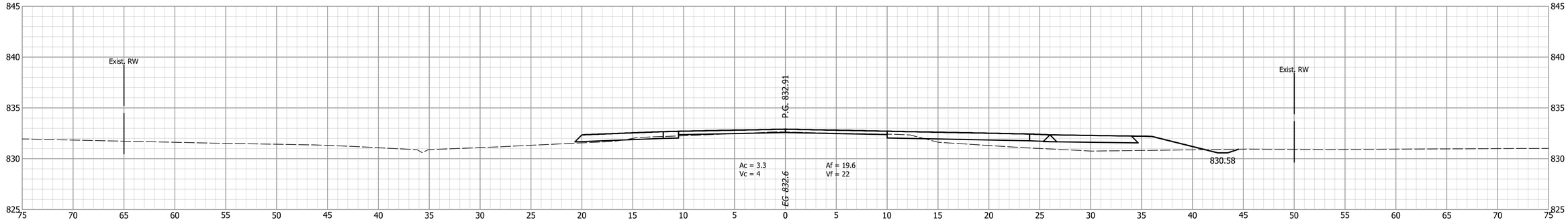
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE A

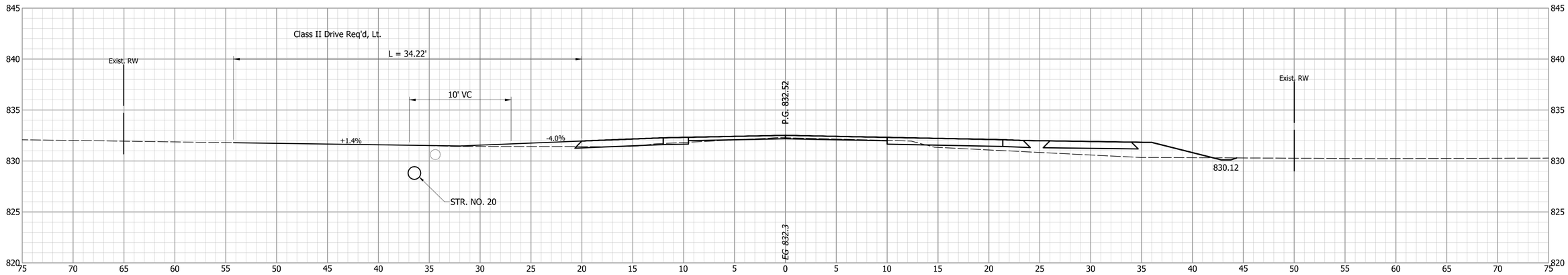
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HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	119 of 214
CONTRACT	PROJECT
R-41989	1802940

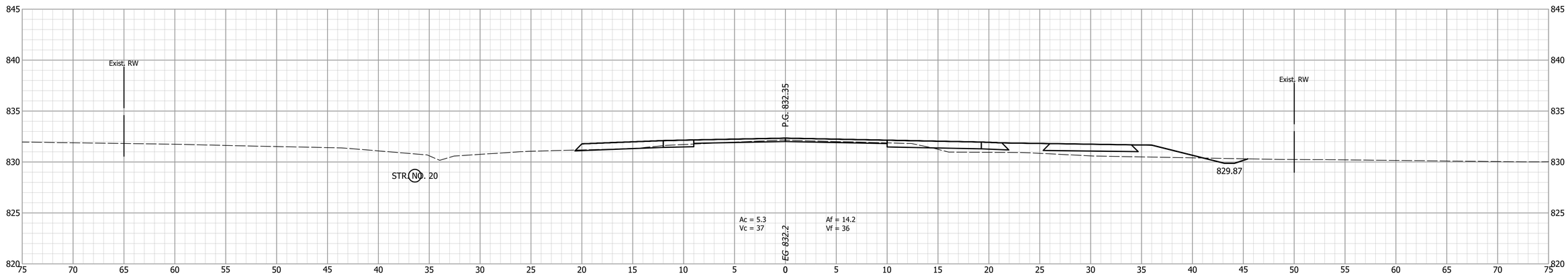
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42+17.6



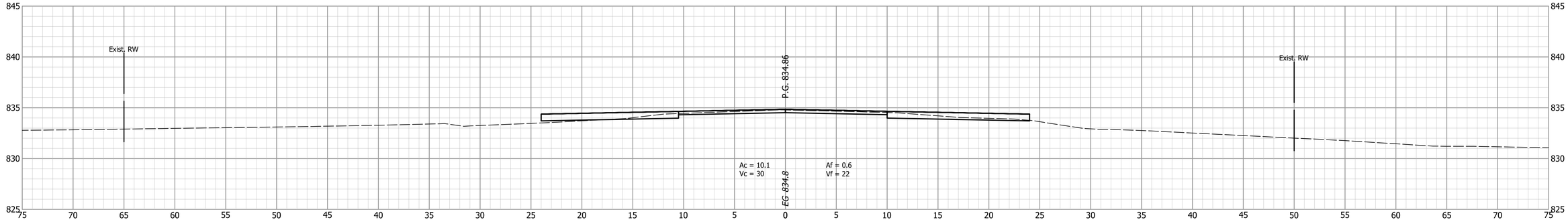
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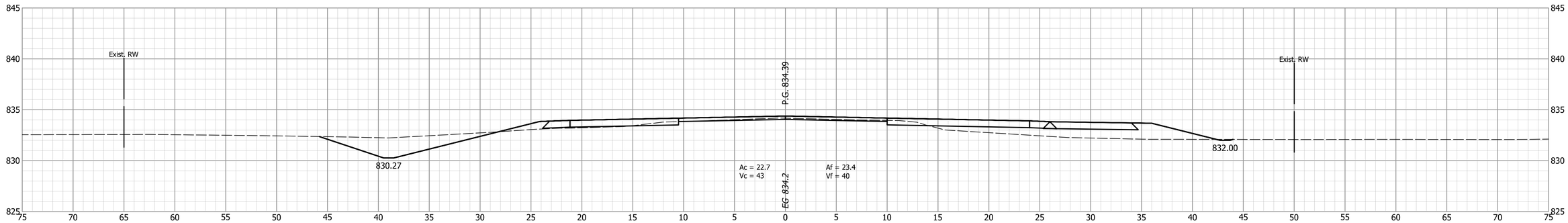
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE A
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	120 of 214
CONTRACT	PROJECT
R-41989	1802940

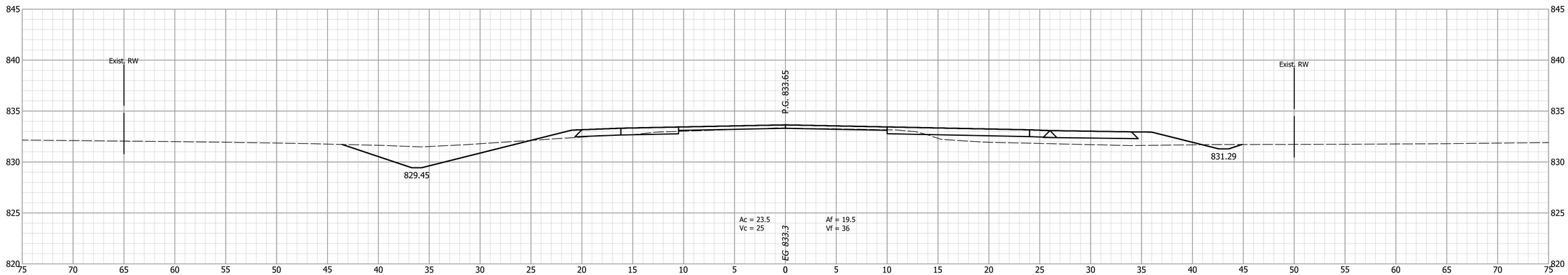
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43+50



43+00



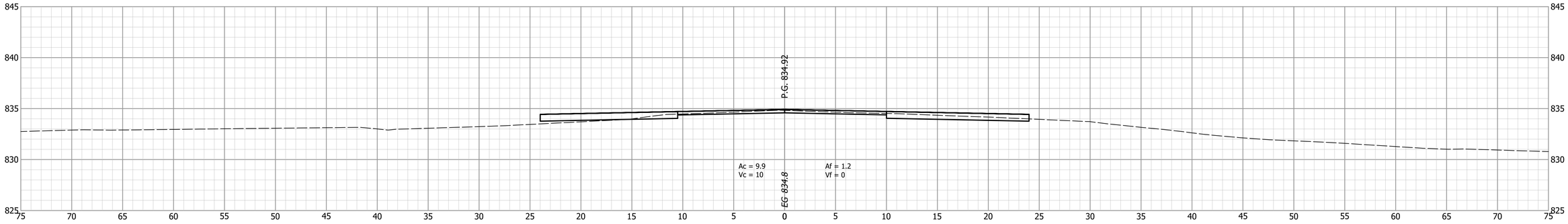
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE A

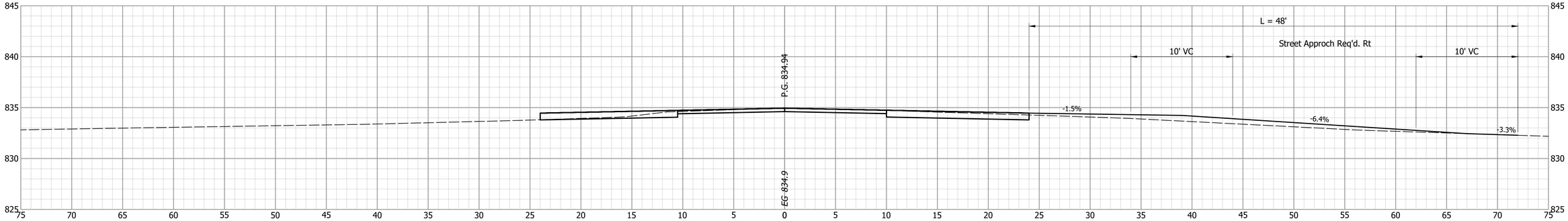
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CHECKED: GRW	CHECKED: GRW

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	121 of 214
CONTRACT	PROJECT
R-41989	1802940

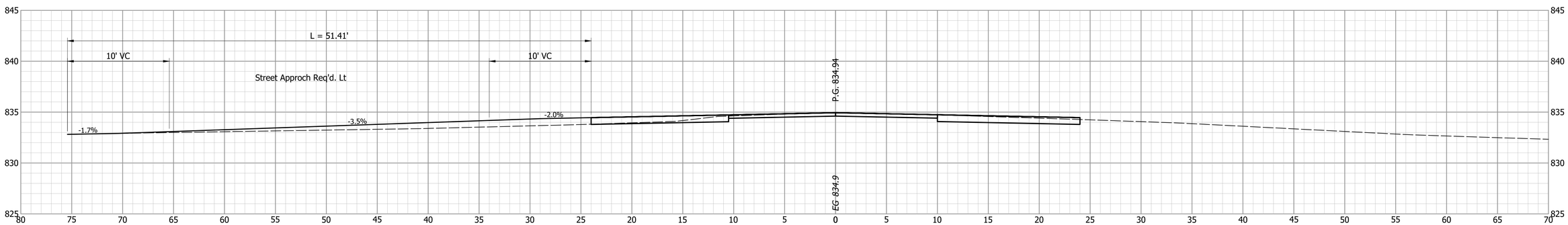
44+50



44+29.9



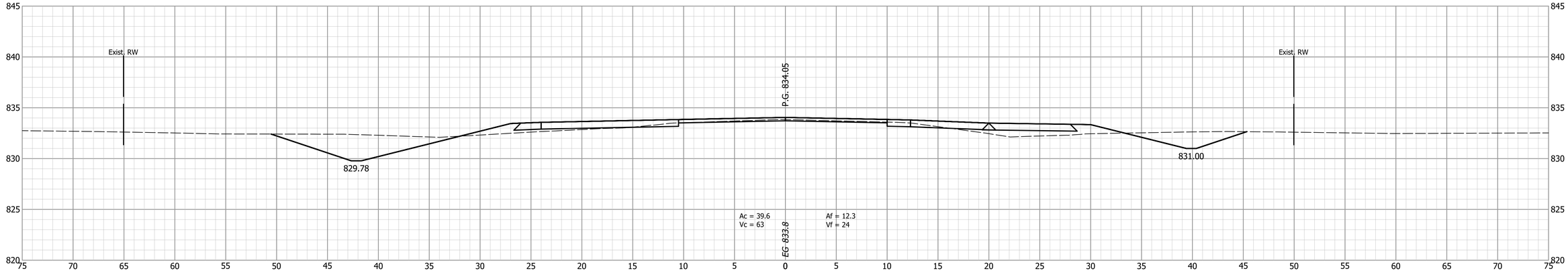
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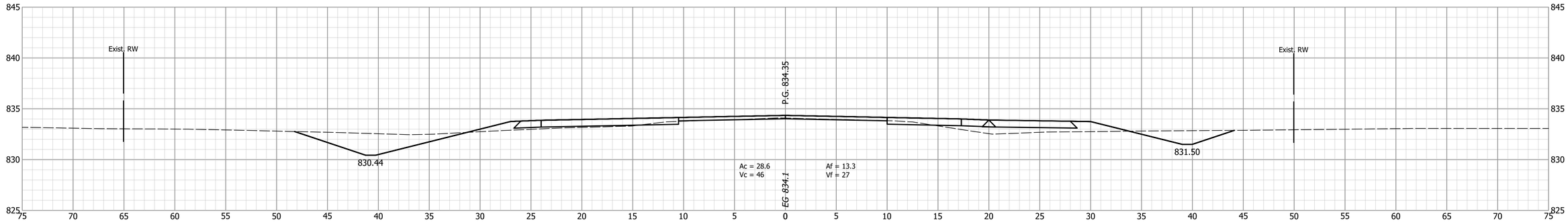
		INDIANA DEPARTMENT OF TRANSPORTATION	
DESIGNED: PEC	DRAWN: PEC	CROSS SECTIONS LINE A	
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	122 of 214
CONTRACT	PROJECT
R-41989	1802940

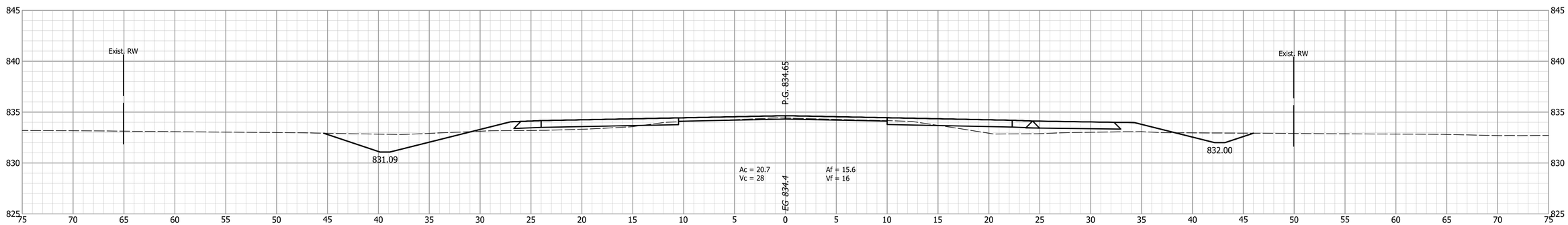
46+00



45+50

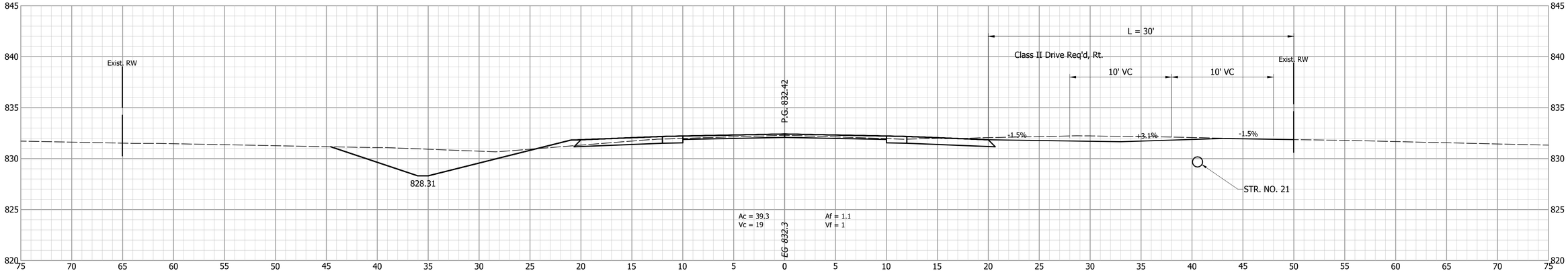


45+00

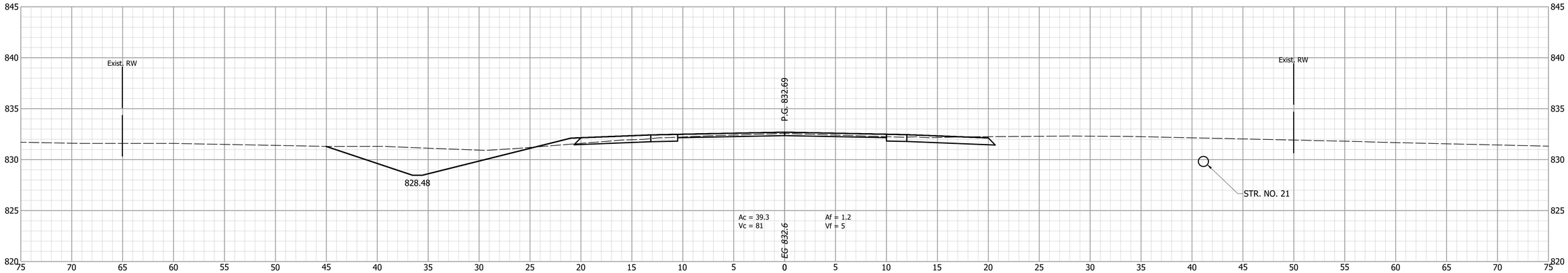


			INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / VERTICAL SCALE: 1" = 5' / BRIDGE FILE: / DESIGNATION: 1802940
		DESIGNED: PEC / CHECKED: GRW	DRAWN: PEC / CHECKED: GRW	CROSS SECTIONS LINE A	SURVEY BOOK: / SHEETS: 123 of 214 / CONTRACT: R-41989 / PROJECT: 1802940

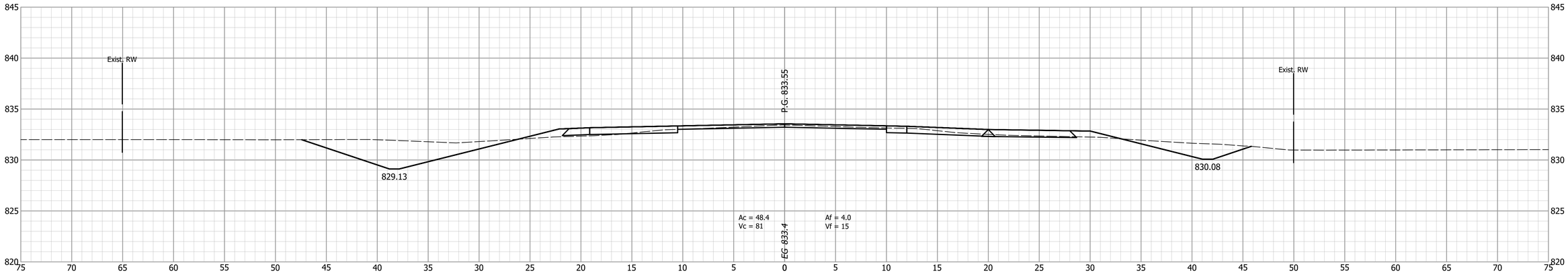
47+12.7



47+00

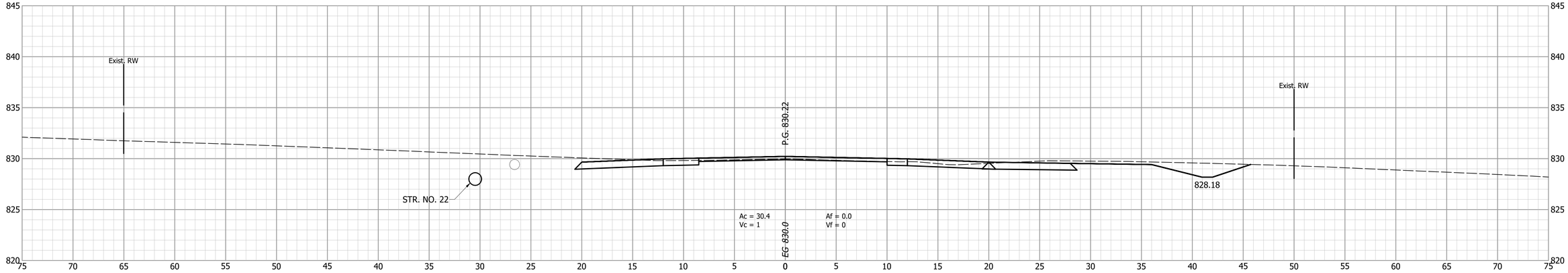


46+50

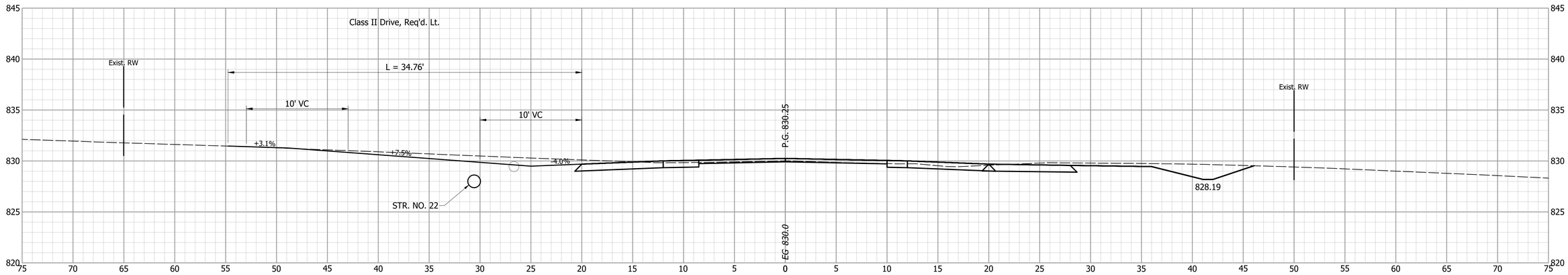


			INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
		DESIGNED: PEC / DRAWN: PEC	CROSS SECTIONS LINE A	VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
		CHECKED: GRW / CHECKED: GRW		SURVEY BOOK: / SHEETS: 124 of 214
				CONTRACT: R-41989 / PROJECT: 1802940

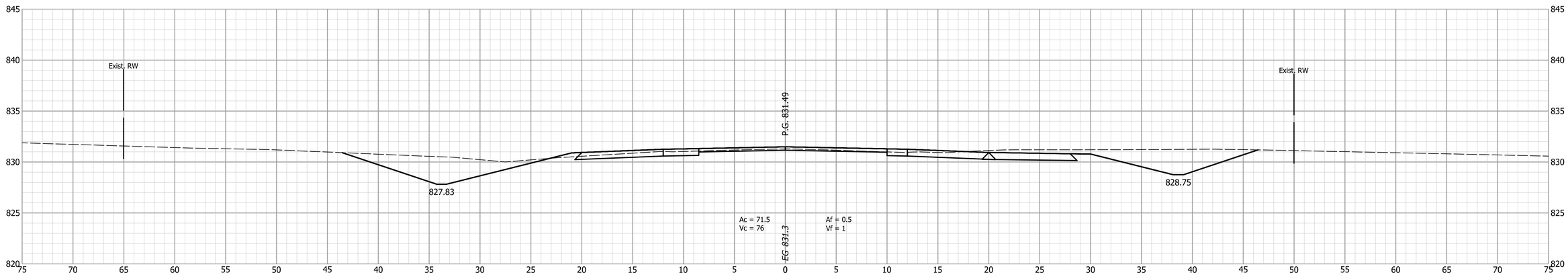
48+00



47+98.7



47+50



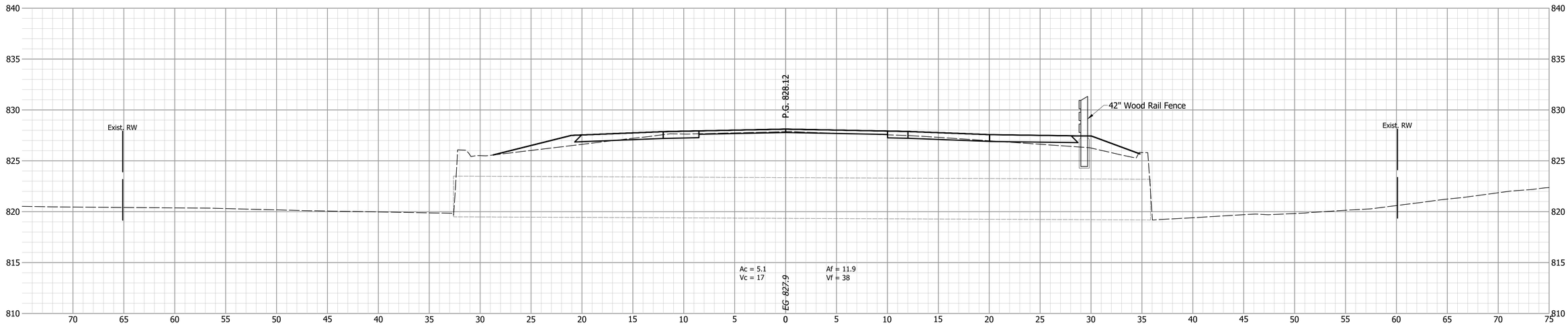
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE A

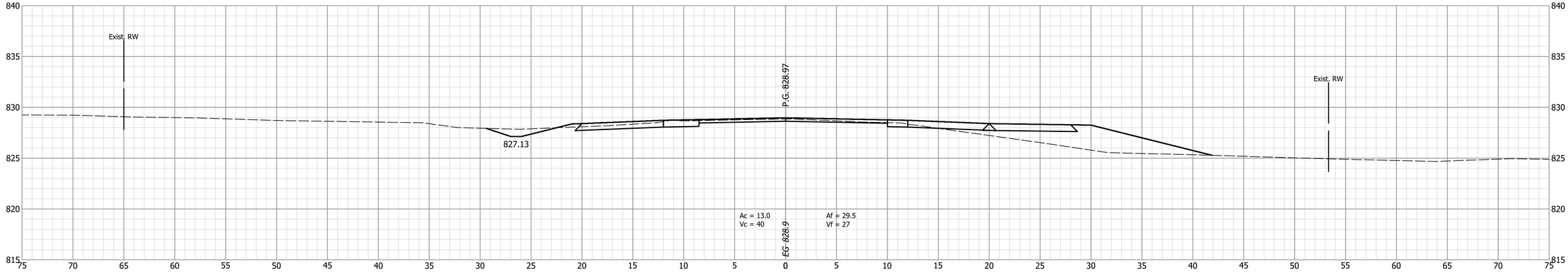
DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	125 of 214
CONTRACT	PROJECT
R-41989	1802940

49+00



48+50



INDIANA
DEPARTMENT OF TRANSPORTATION

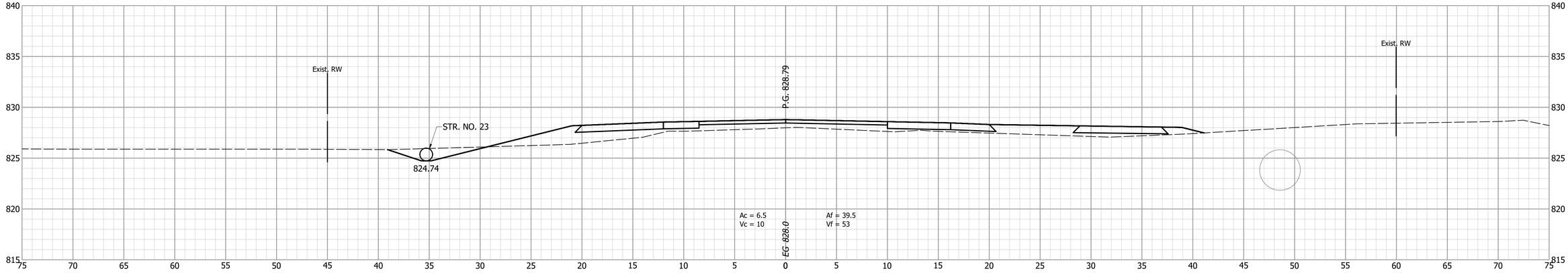
CROSS SECTIONS
LINE A

DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

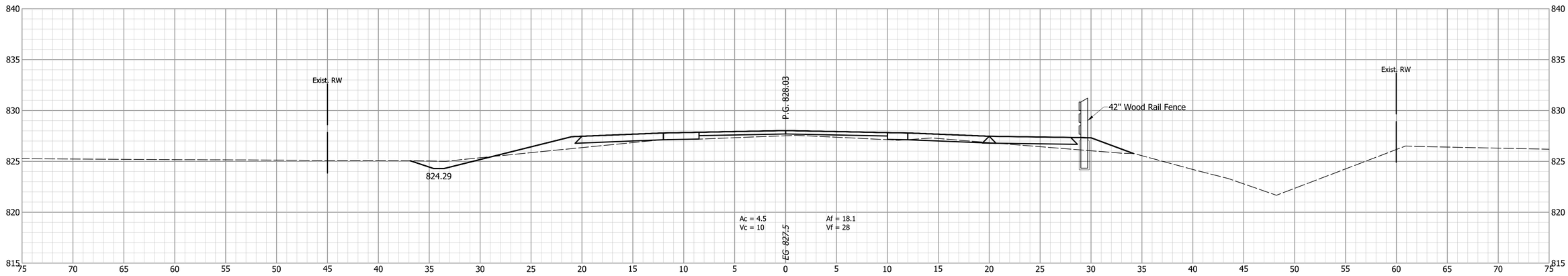
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940

SURVEY BOOK	SHEETS		
	126	of	214
CONTRACT	PROJECT		
R-41989	1802940		

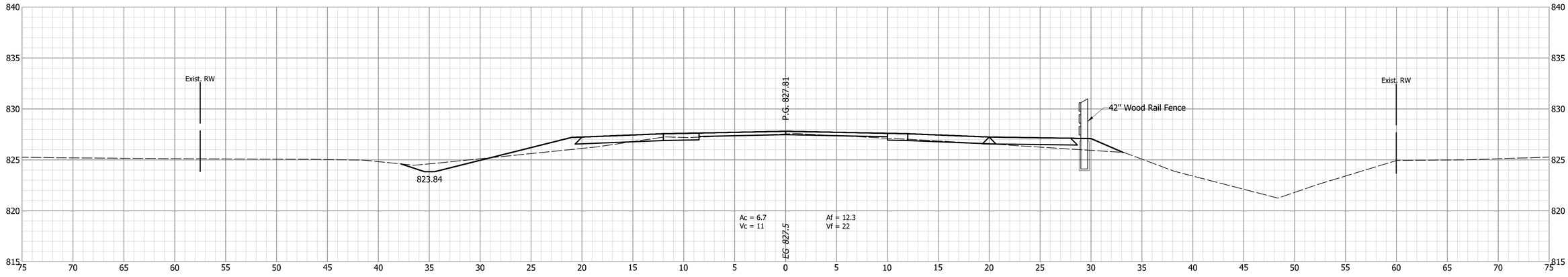
50+50



50+00

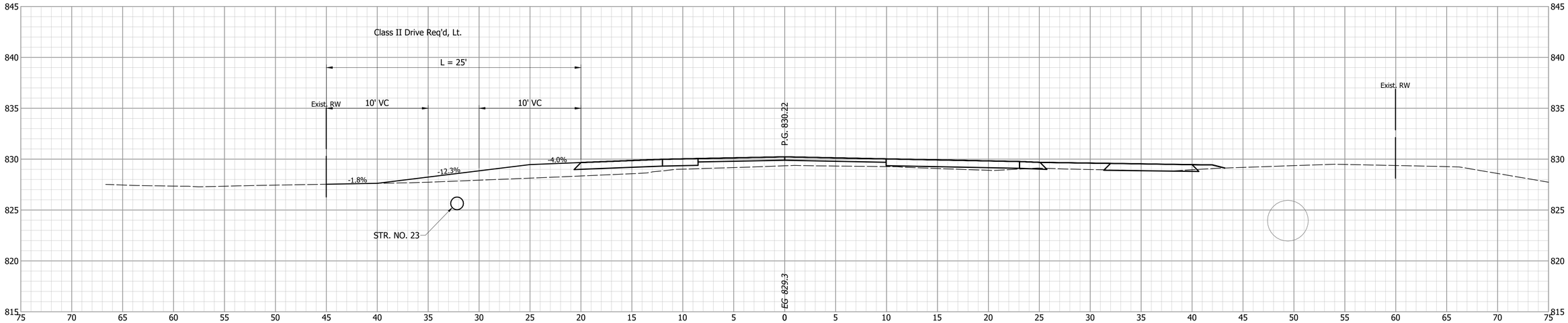


49+50

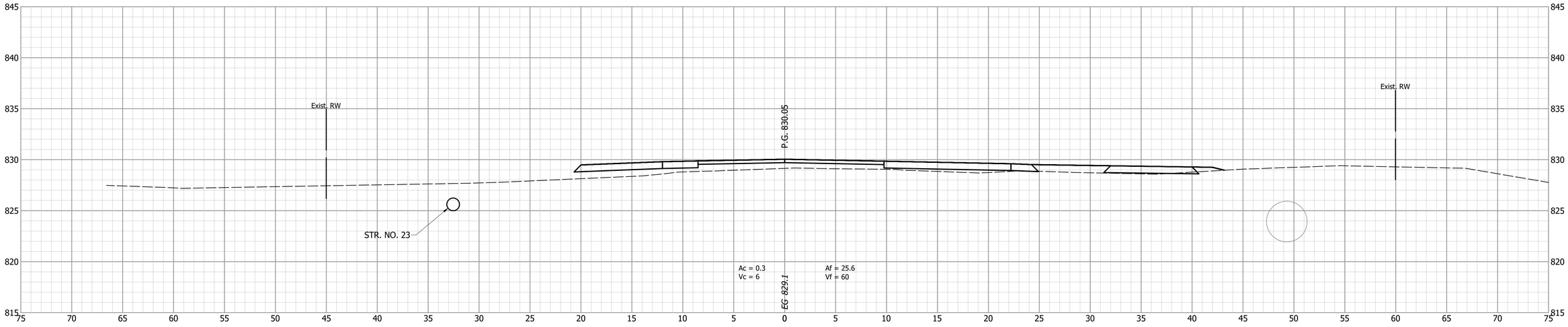


DESIGNED: PEC	DRAWN: PEC	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
CHECKED: GRW	CHECKED: GRW	CROSS SECTIONS LINE A	VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
			SURVEY BOOK: / SHEETS: 127 of 214
			CONTRACT: R-41989 / PROJECT: 1802940

51+07.0

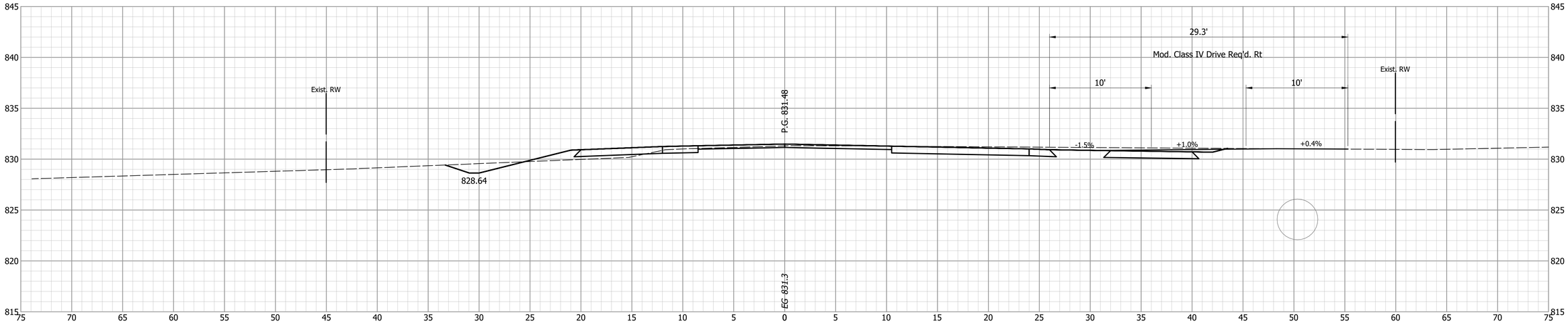


51+00

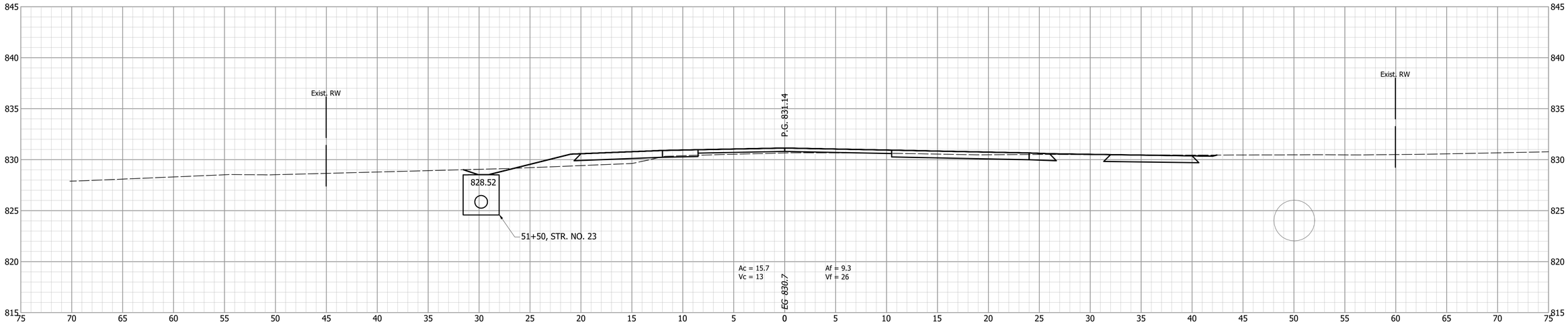


		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / VERTICAL SCALE: 1" = 5' / BRIDGE FILE / DESIGNATION: 1802940
DESIGNED: PEC	DRAWN: PEC	CROSS SECTIONS LINE A	SURVEY BOOK / SHEETS: 128 of 214
CHECKED: GRW	CHECKED: GRW		CONTRACT: R-41989 / PROJECT: 1802940

51+70.8



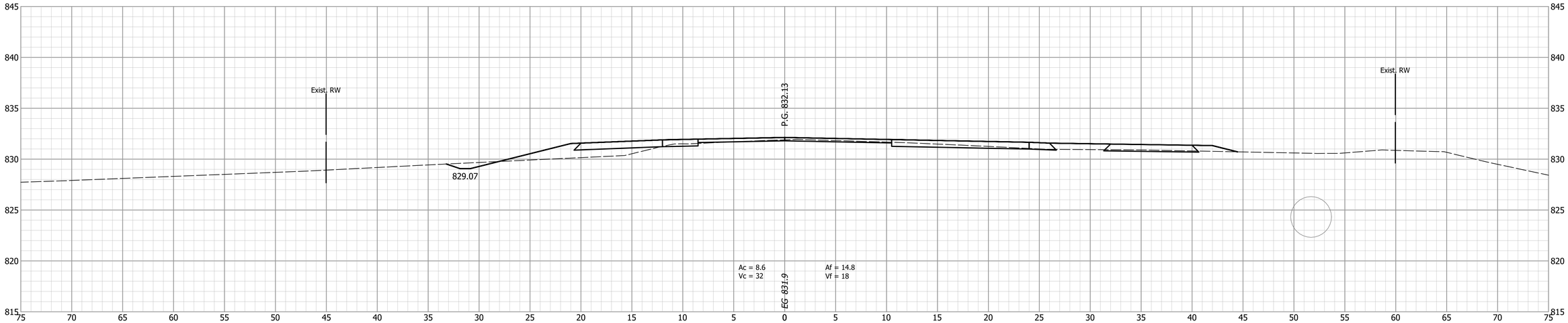
51+50



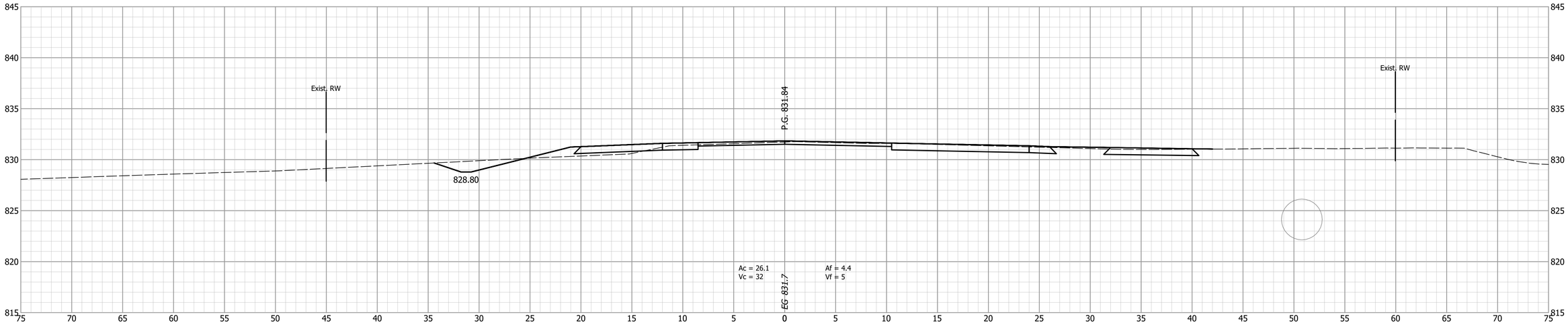
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE A
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	129 of 214
CONTRACT	PROJECT
R-41989	1802940

52+50



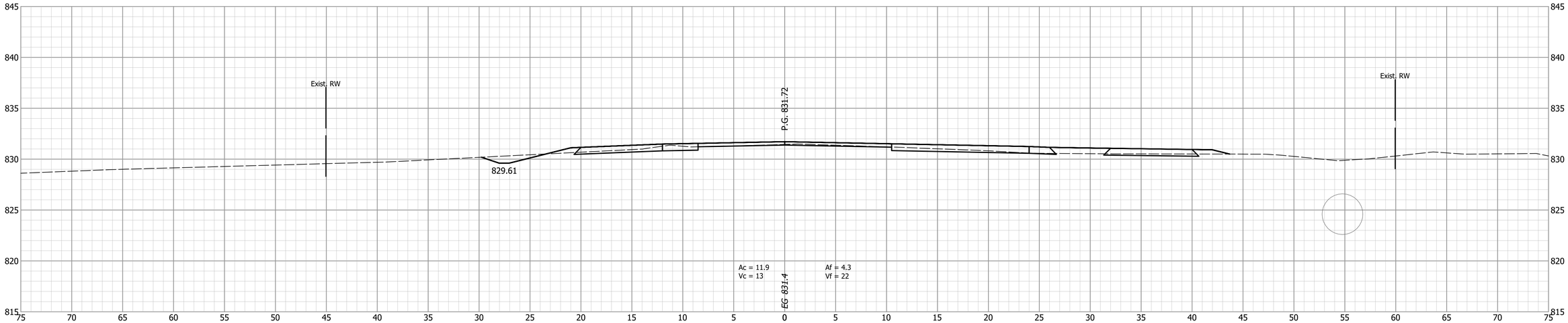
52+00



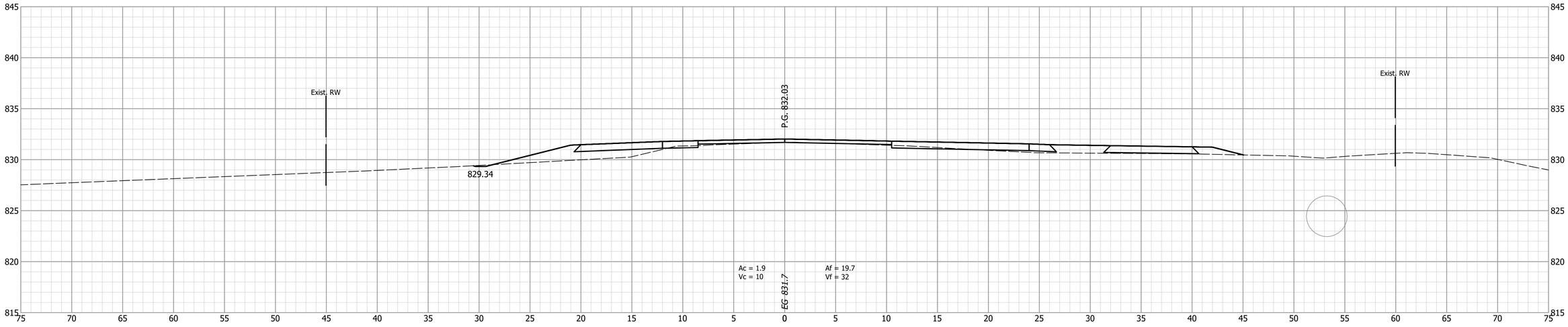
DESIGNED: PEC	DRAWN: PEC	INDIANA DEPARTMENT OF TRANSPORTATION	
CHECKED: GRW	CHECKED: GRW	CROSS SECTIONS LINE A	

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	130 of 214
CONTRACT	PROJECT
R-41989	1802940

53+50



53+00



INDIANA
DEPARTMENT OF TRANSPORTATION

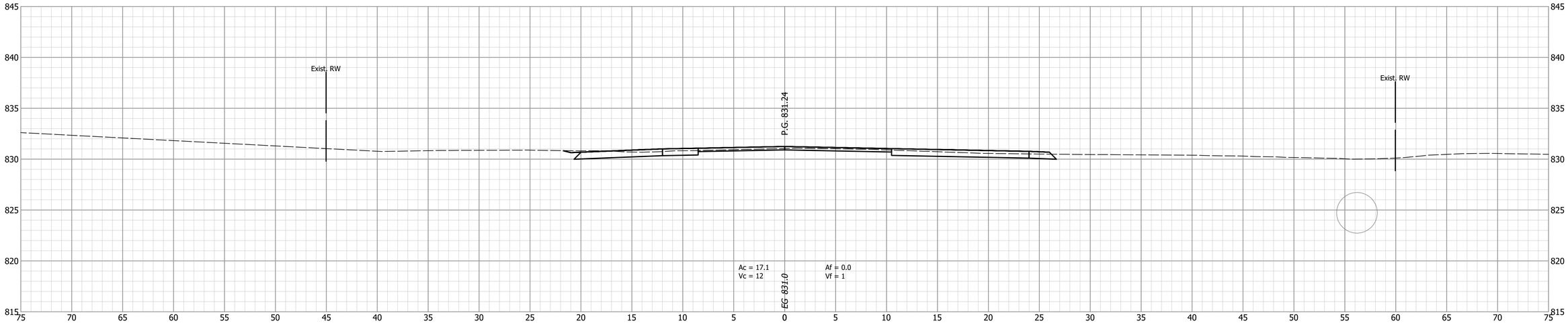
CROSS SECTIONS
LINE A

DESIGNED: PEC
DRAWN: PEC
CHECKED: GRW
CHECKED: GRW

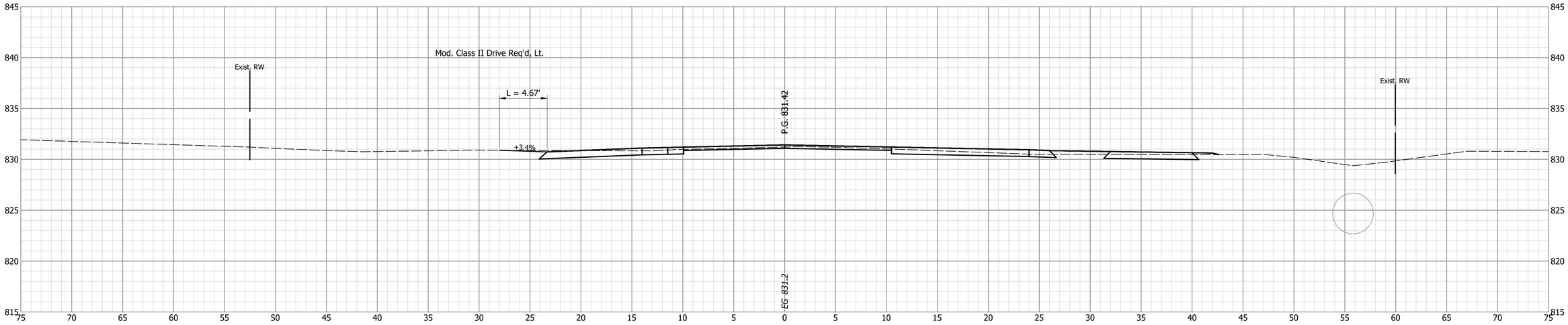
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940

SURVEY BOOK	SHEETS
	131 of 214
CONTRACT	PROJECT
R-41989	1802940

54+00



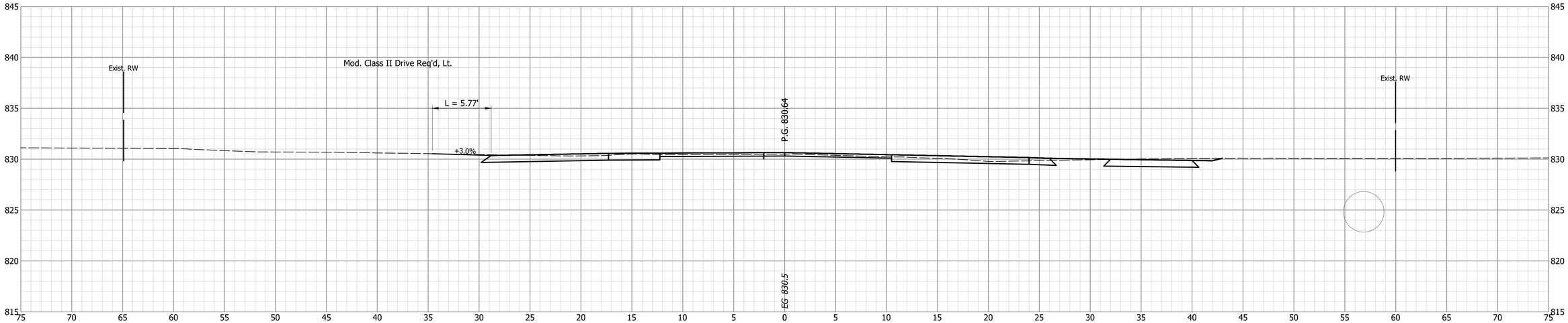
53+83.2



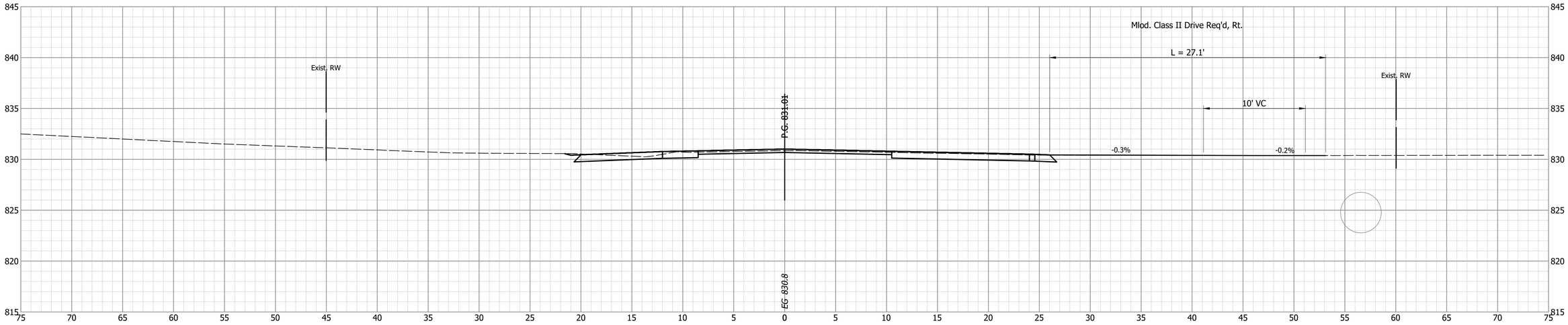
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE A
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	132 of 214
CONTRACT	PROJECT
R-41989	1802940

54+47.5



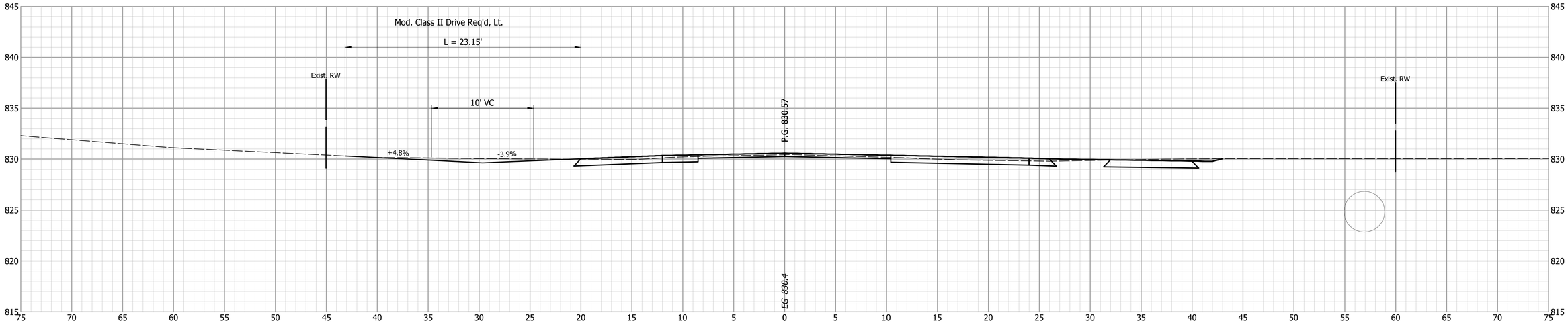
54+19.8



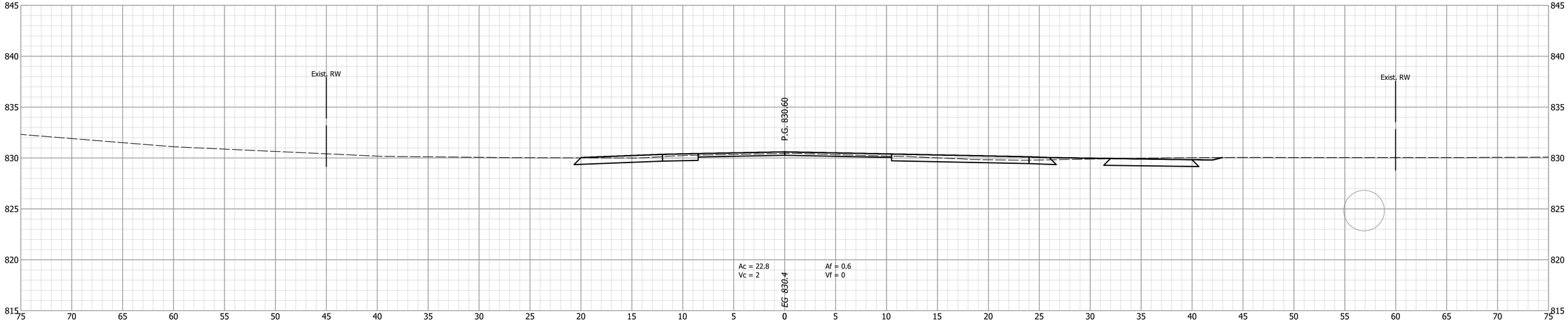
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE A
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	133 of 214
CONTRACT	PROJECT
R-41989	1802940

54+52.1



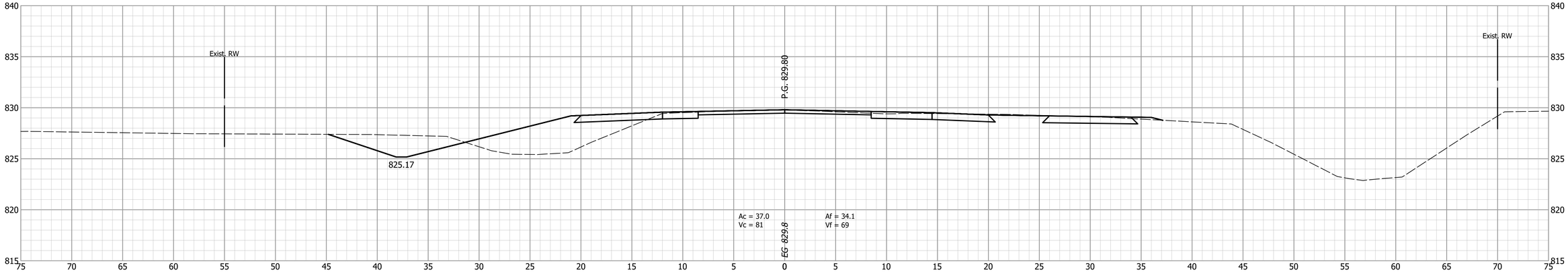
54+50



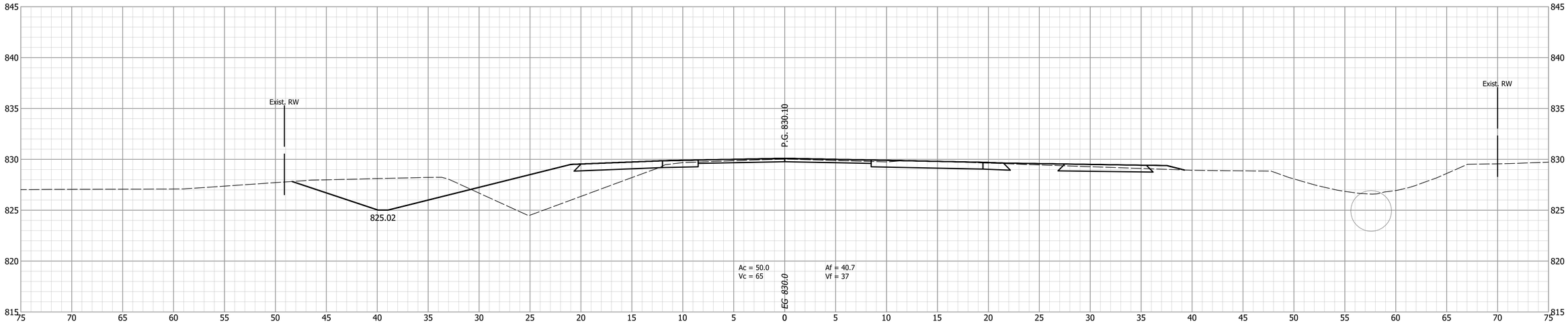
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE A
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	134 of 214
CONTRACT	PROJECT
R-41989	1802940

55+50



55+00



INDIANA
DEPARTMENT OF TRANSPORTATION

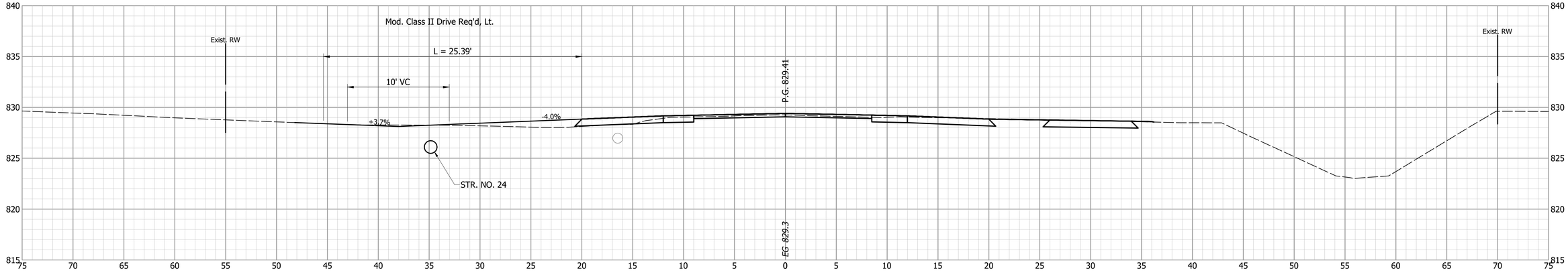
CROSS SECTIONS
LINE A

DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

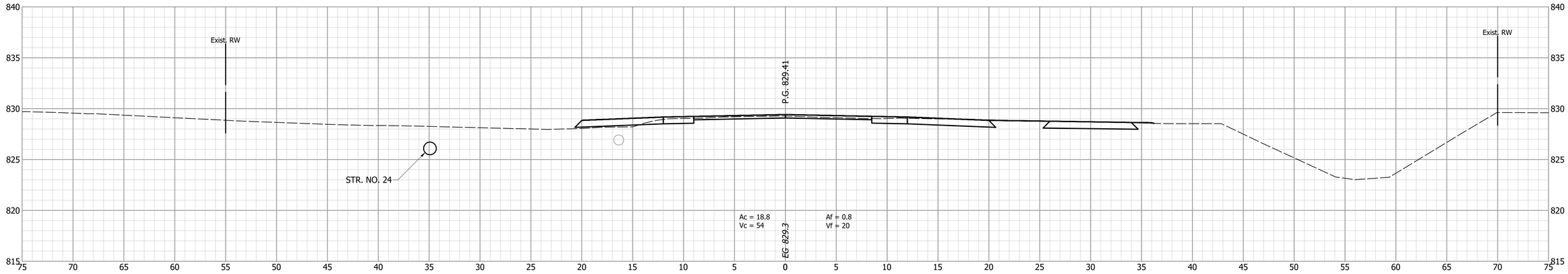
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940

SURVEY BOOK	SHEETS
	135 of 214
CONTRACT	PROJECT
R-41989	1802940

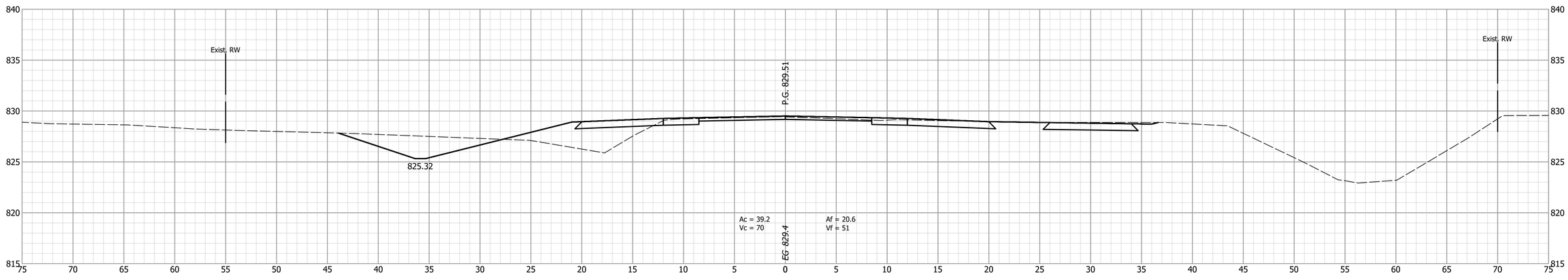
56+54.8



56+50

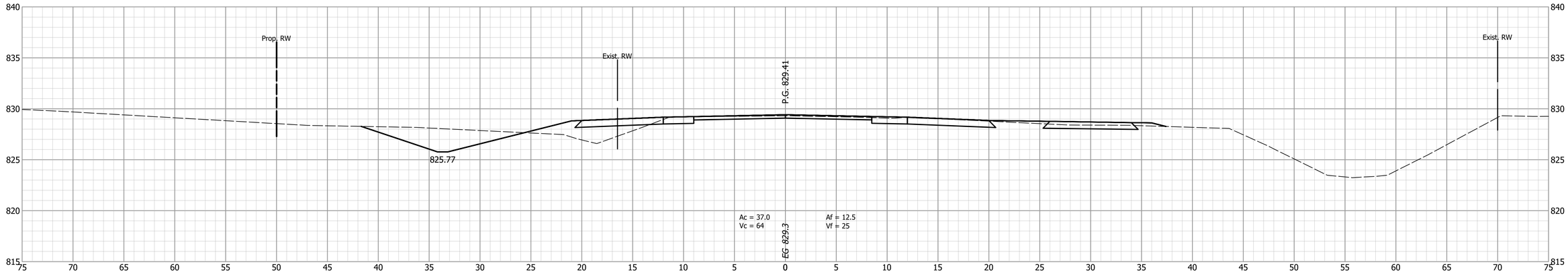


56+00

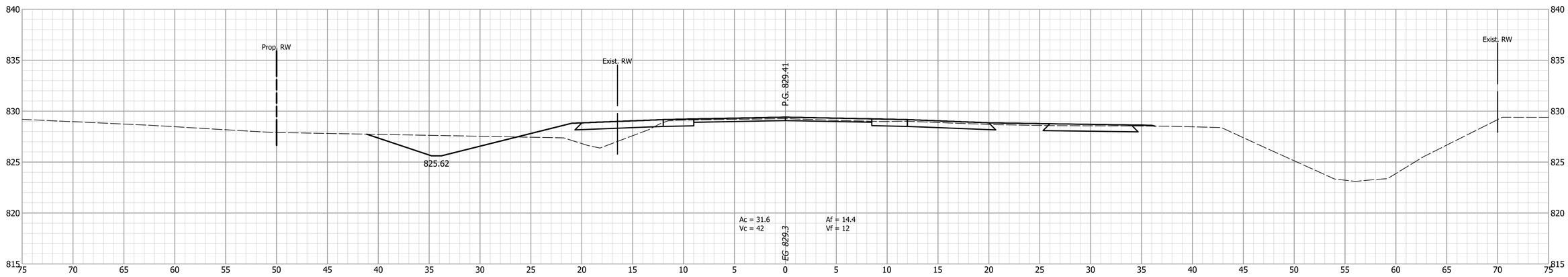


DESIGNED: PEC	DRAWN: PEC	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
CHECKED: GRW	CHECKED: GRW	CROSS SECTIONS LINE A	VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
			SURVEY BOOK: / SHEETS: 136 of 214
			CONTRACT: R-41989 / PROJECT: 1802940

57+50

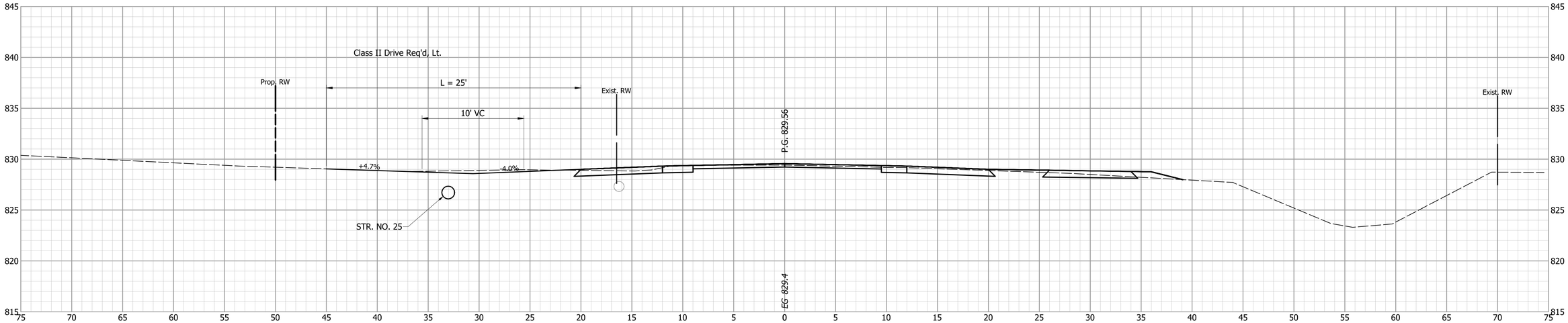


57+00

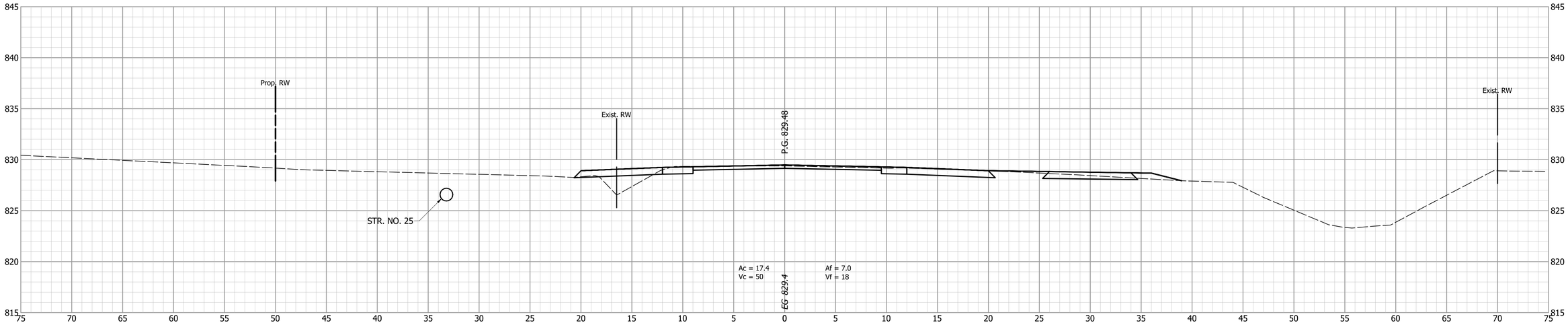


				INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
		DESIGNED: PEC	DRAWN: PEC	CROSS SECTIONS LINE A	VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
		CHECKED: GRW	CHECKED: GRW		SURVEY BOOK: / SHEETS: 137 of 214
					CONTRACT: R-41989 / PROJECT: 1802940

58+15.5

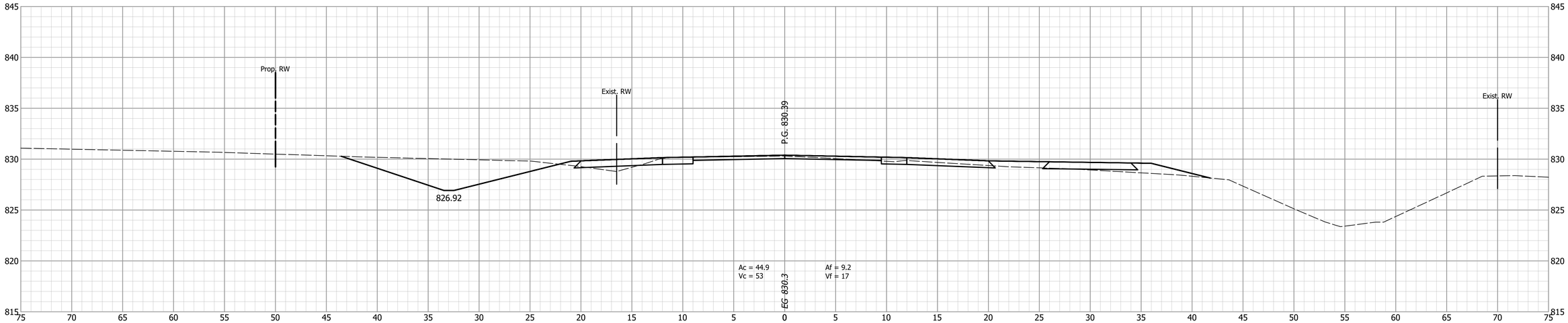


58+00

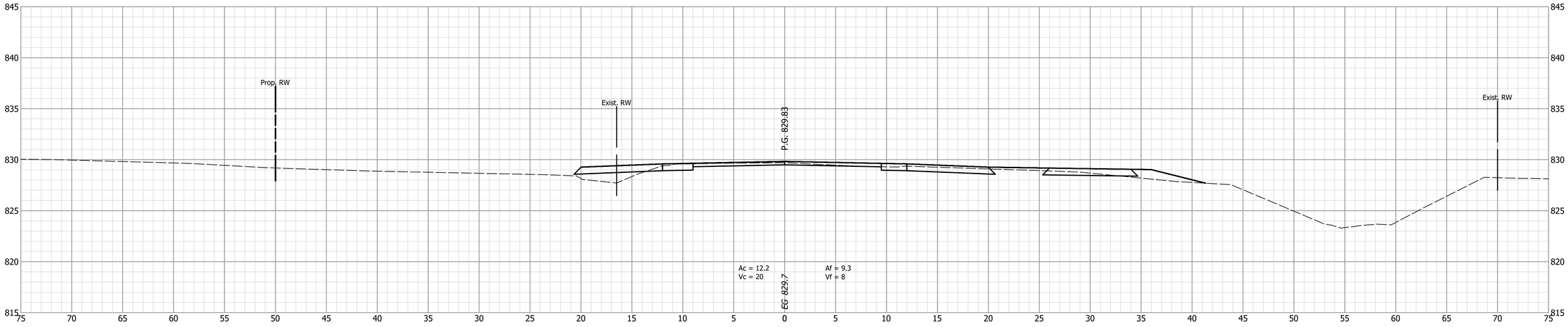


DESIGNED: PEC	DRAWN: PEC	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
CHECKED: GRW	CHECKED: GRW	CROSS SECTIONS LINE A	VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
			SURVEY BOOK: / SHEETS: 138 of 214
			CONTRACT: R-41989 / PROJECT: 1802940

59+00



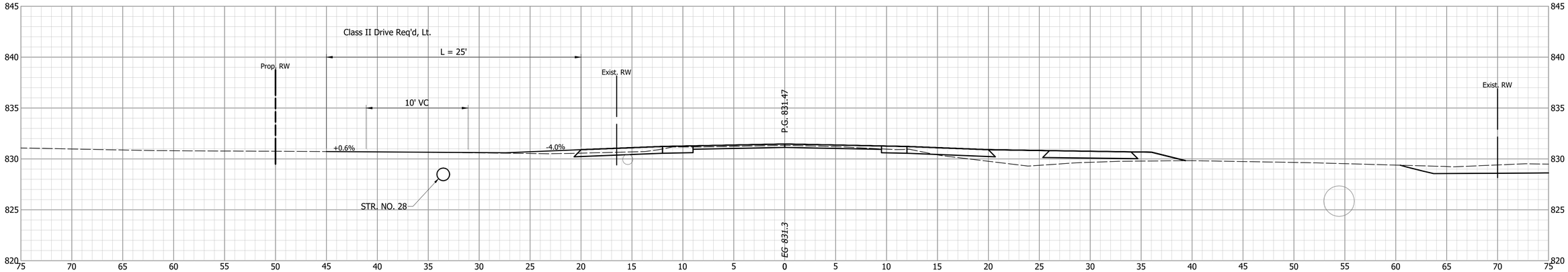
58+50



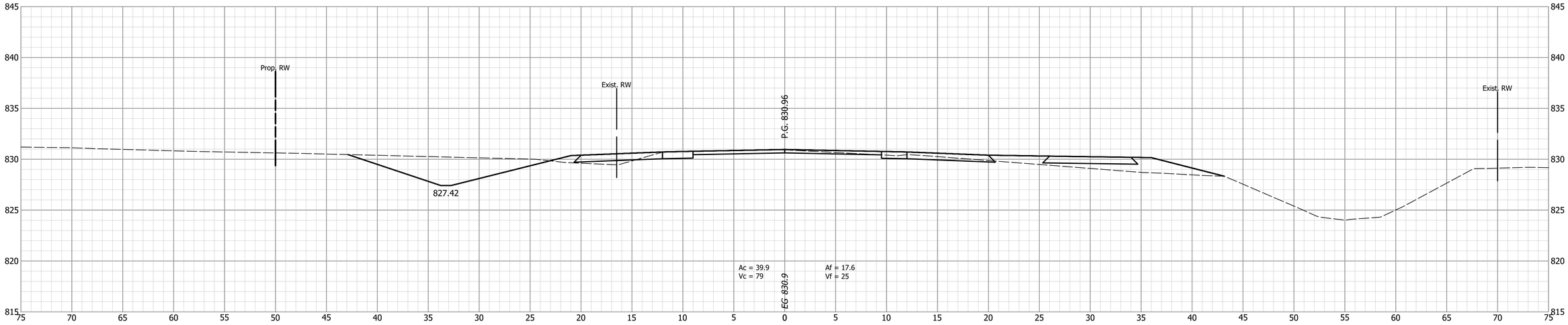
DESIGNED: PEC	DRAWN: PEC	INDIANA DEPARTMENT OF TRANSPORTATION	
CHECKED: GRW	CHECKED: GRW	CROSS SECTIONS LINE A	

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	139 of 214
CONTRACT	PROJECT
R-41989	1802940

59+93.8



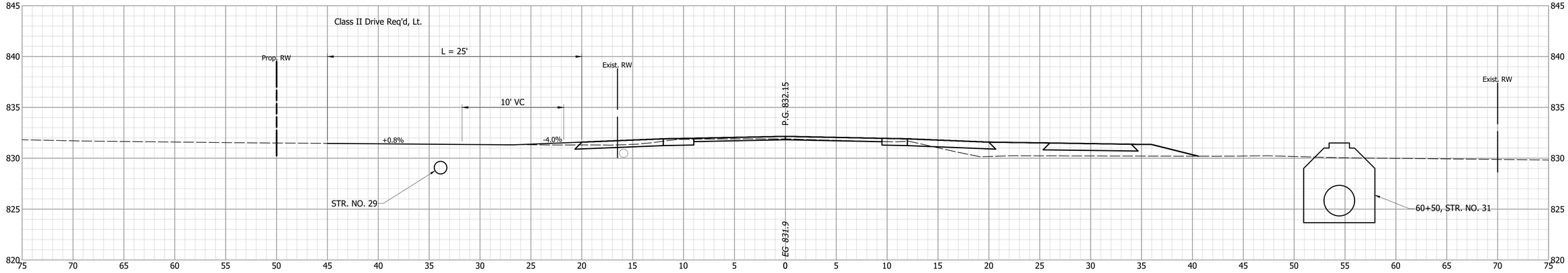
59+50



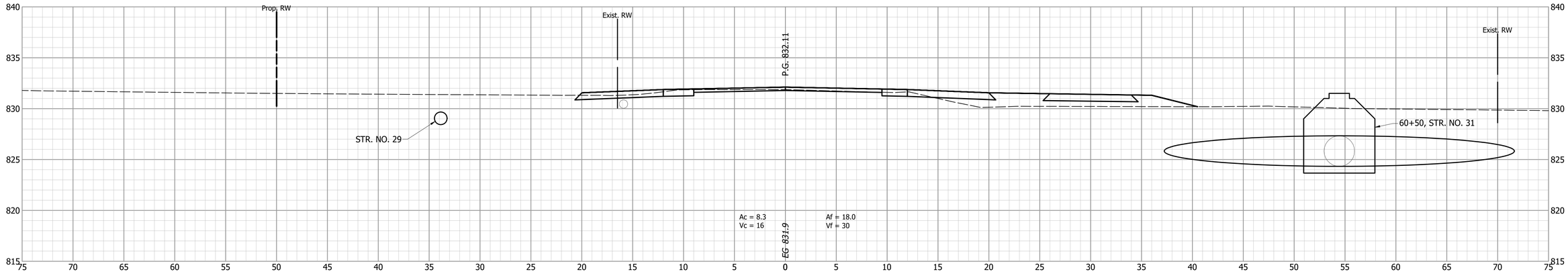
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE A
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	140 of 214
CONTRACT	PROJECT
R-41989	1802940

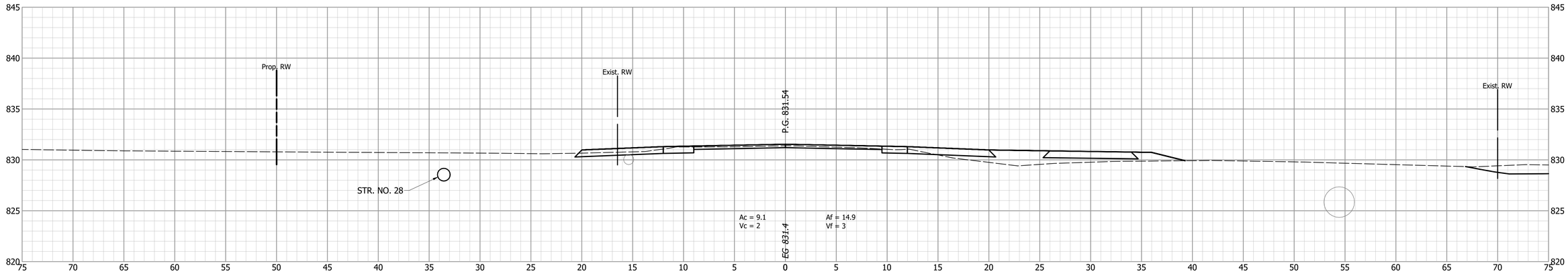
60+53.2



60+50

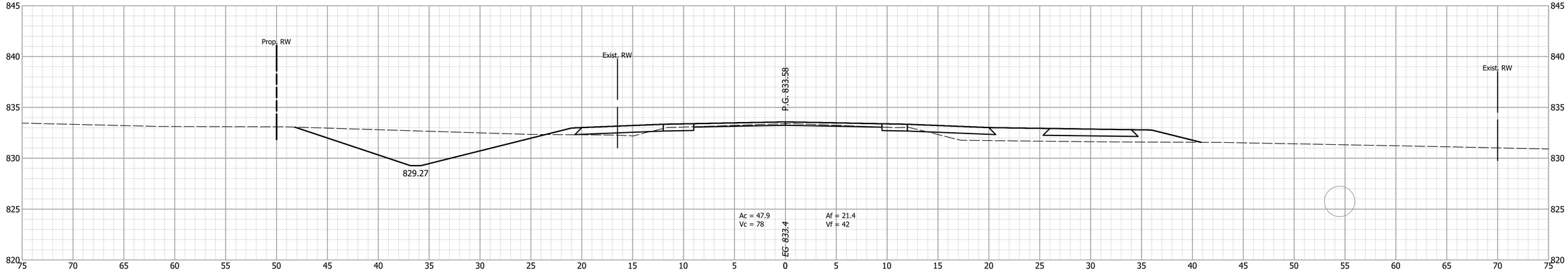


60+00

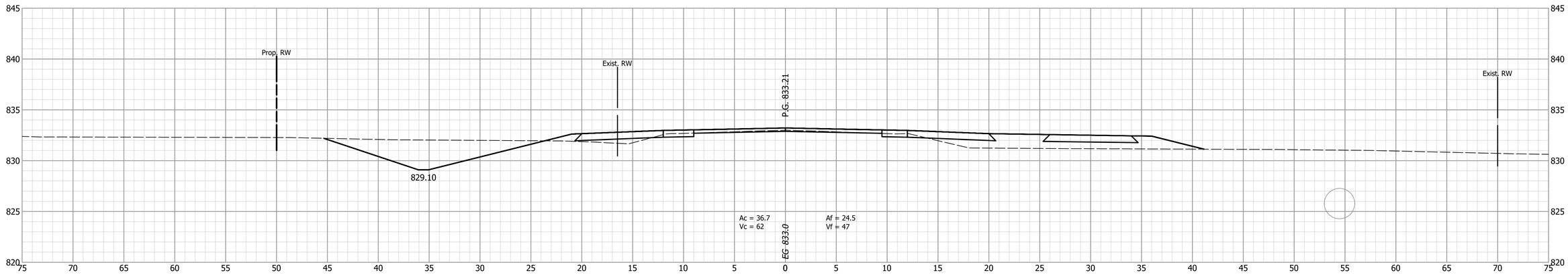


			INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
				VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
		DESIGNED: PEC / DRAWN: PEC	CROSS SECTIONS LINE A	SURVEY BOOK: 141 of 214 / SHEETS
		CHECKED: GRW / CHECKED: GRW		CONTRACT: R-41989 / PROJECT: 1802940

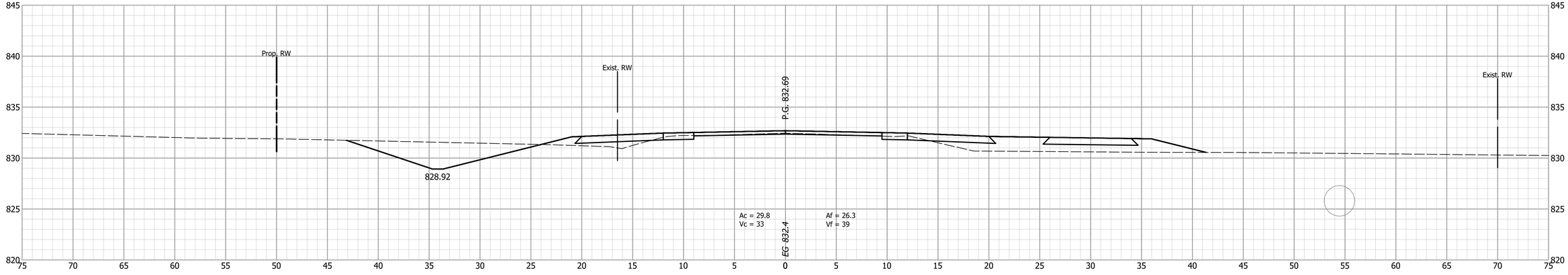
62+00



61+50

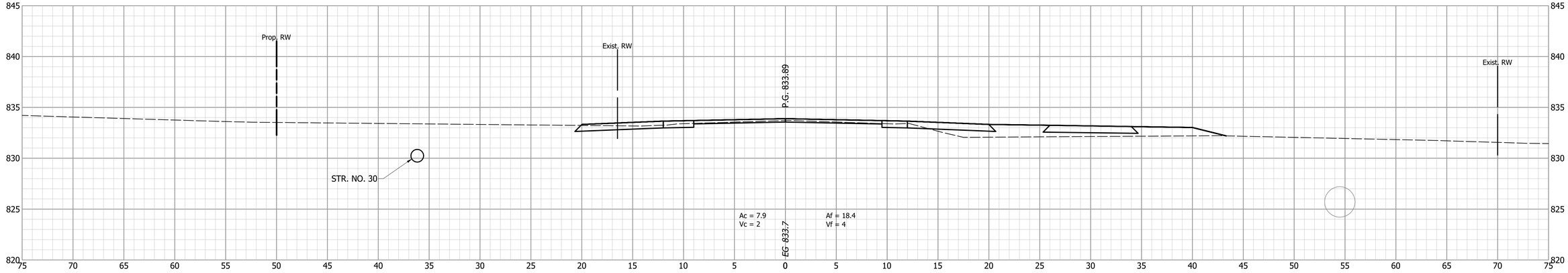


61+00

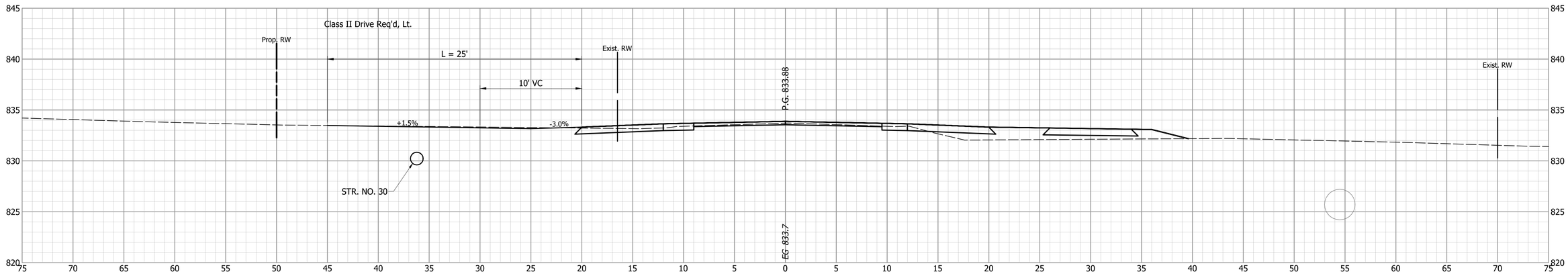


DESIGNED: PEC	DRAWN: PEC	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
CHECKED: GRW	CHECKED: GRW	CROSS SECTIONS LINE A	VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
			SURVEY BOOK / SHEETS: 142 of 214
			CONTRACT: R-41989 / PROJECT: 1802940

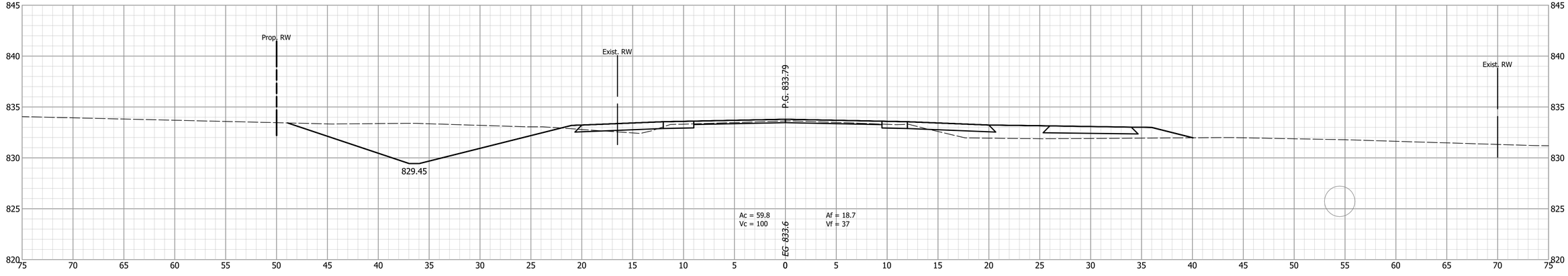
63+00



62+92.9



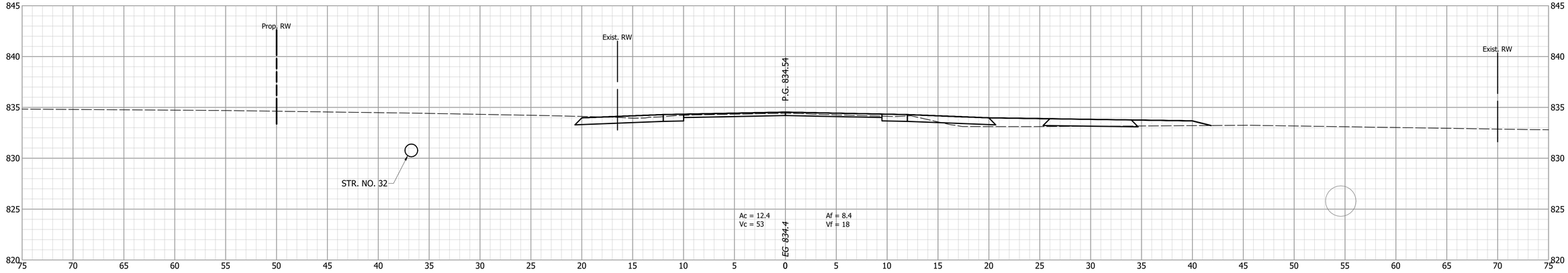
62+50



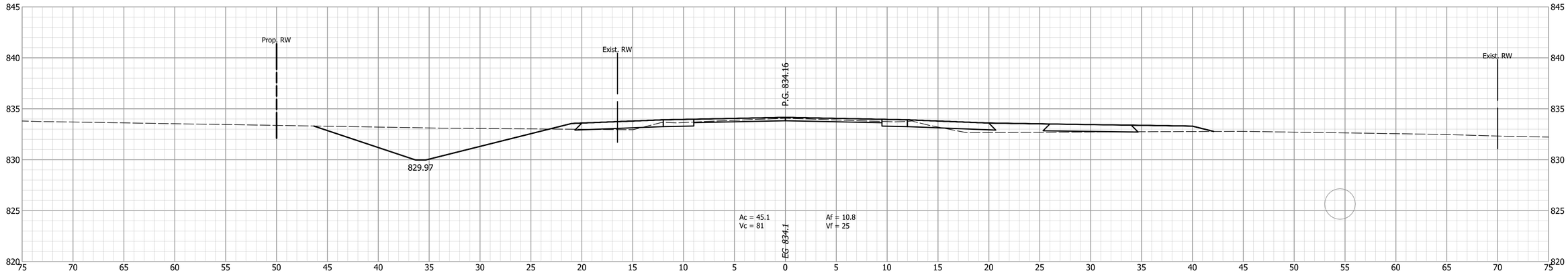
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE A
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	143 of 214
CONTRACT	PROJECT
R-41989	1802940

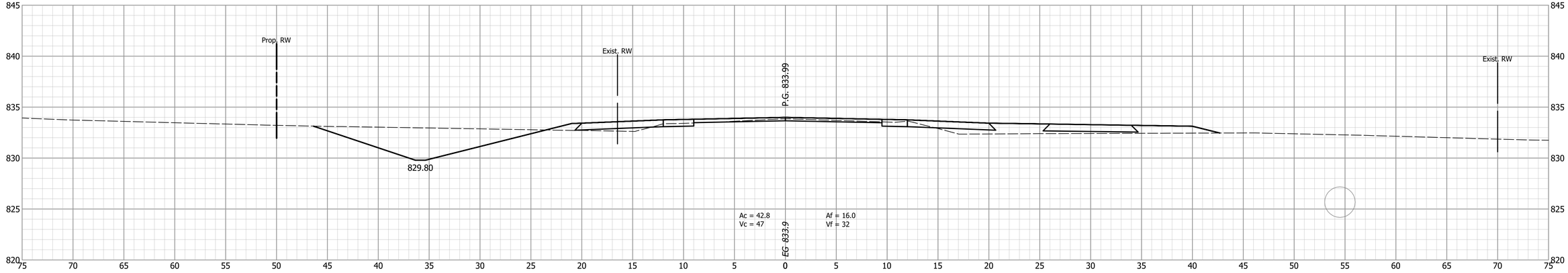
64+50



64+00

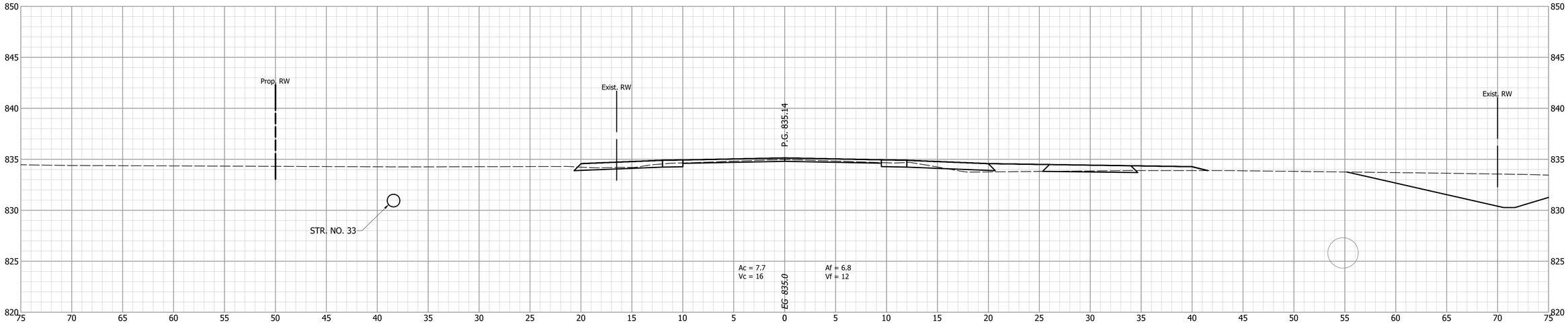


63+50

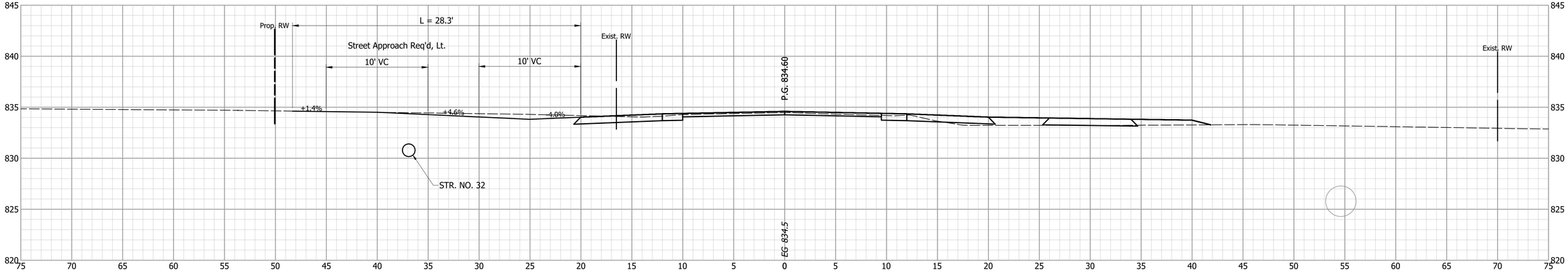


DESIGNED: PEC	DRAWN: PEC	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
CHECKED: GRW	CHECKED: GRW	CROSS SECTIONS LINE A	VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
			SURVEY BOOK: / SHEETS: 144 of 214
			CONTRACT: R-41989 / PROJECT: 1802940

65+00

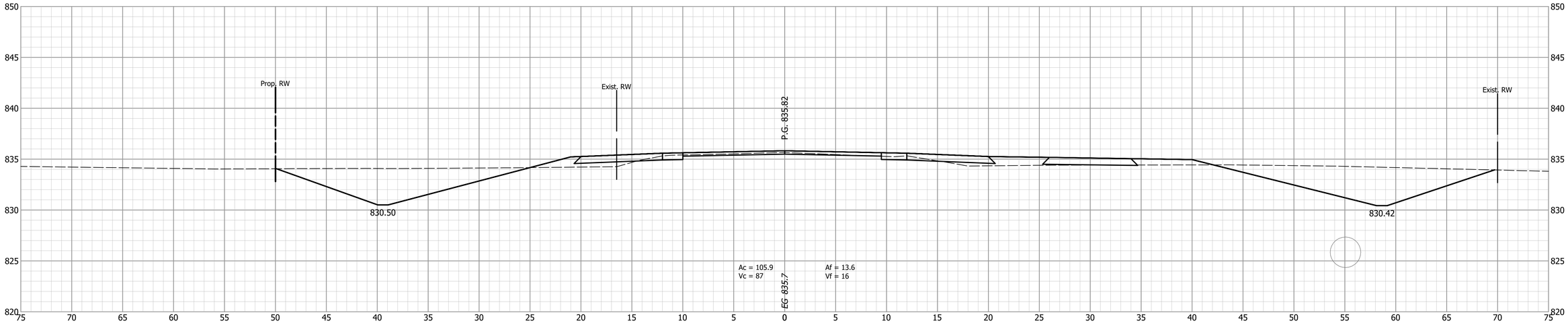


64+55.8

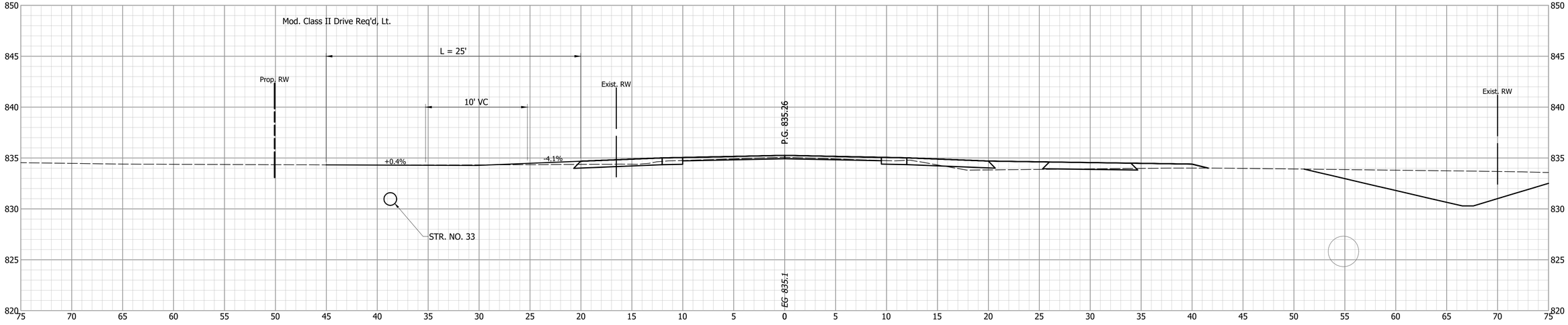


			INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
		DESIGNED: PEC / DRAWN: PEC	CROSS SECTIONS LINE A	VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
		CHECKED: GRW / CHECKED: GRW		SURVEY BOOK: / SHEETS: 145 of 214
				CONTRACT: R-41989 / PROJECT: 1802940

65+50



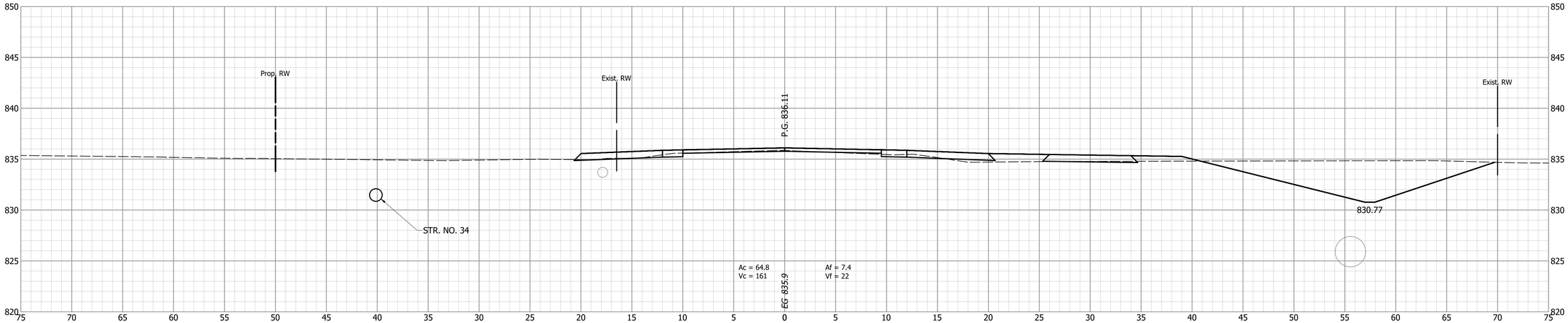
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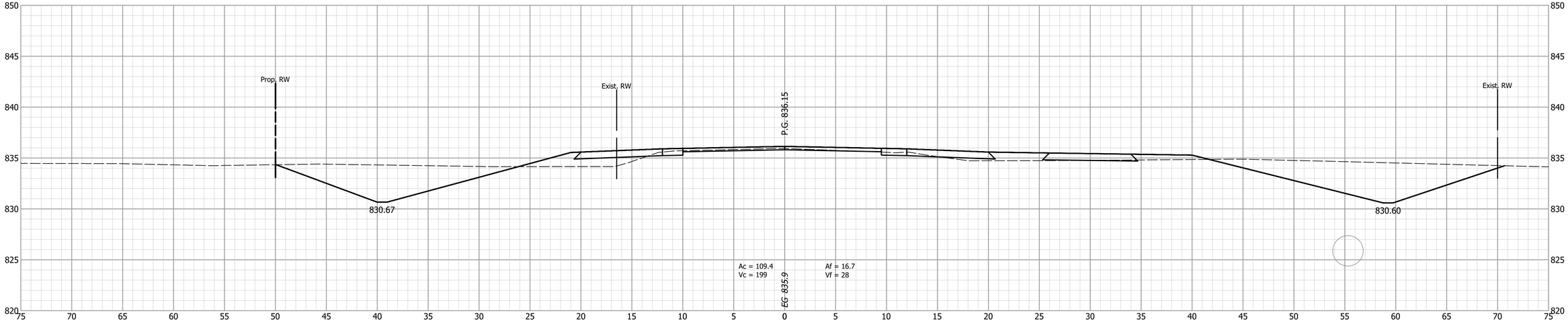
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE A
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	146 of 214
CONTRACT	PROJECT
R-41989	1802940

66+50



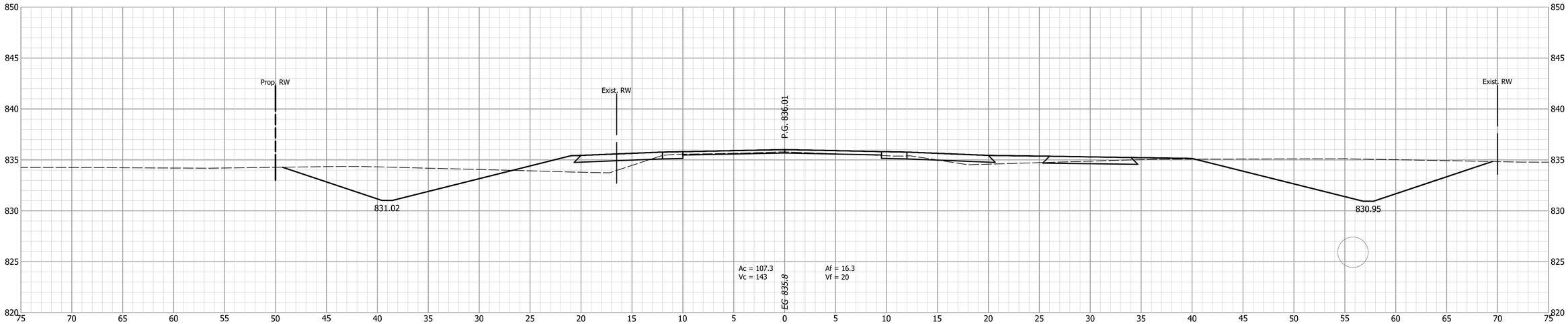
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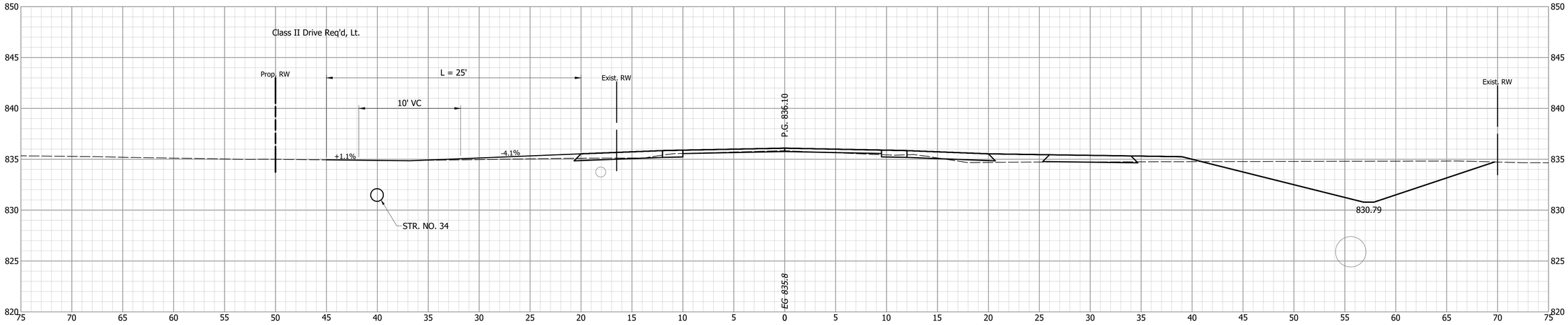
DESIGNED: PEC	DRAWN: PEC	INDIANA DEPARTMENT OF TRANSPORTATION	
CHECKED: GRW	CHECKED: GRW	CROSS SECTIONS LINE A	

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	147 of 214
CONTRACT	PROJECT
R-41989	1802940

67+00



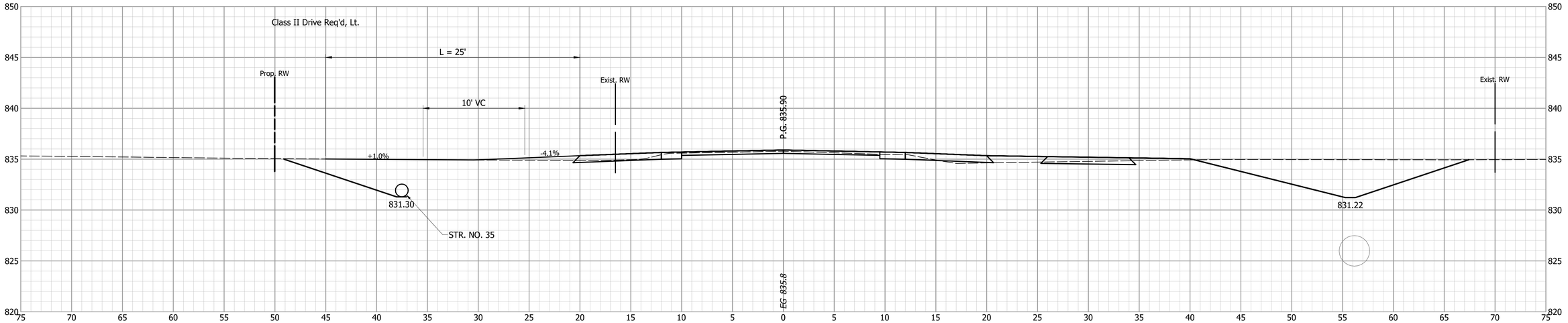
66+54.9



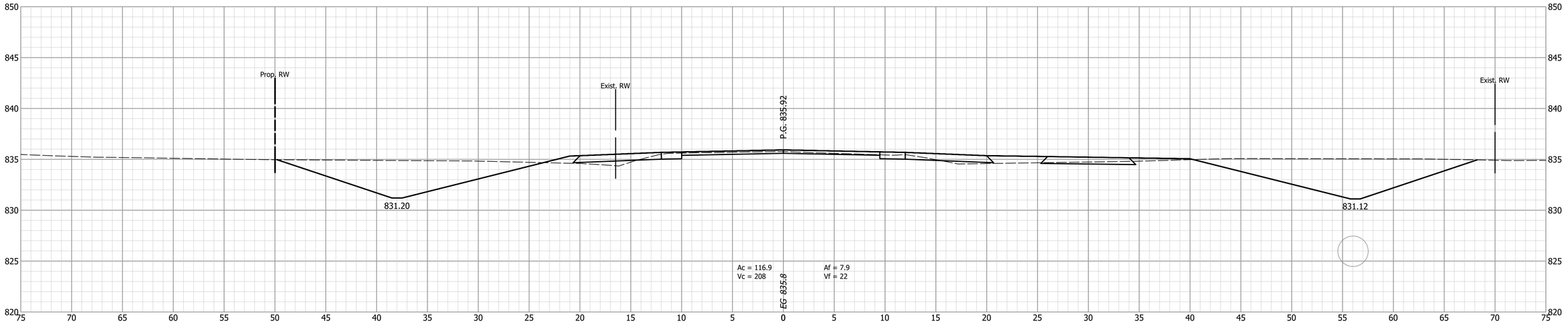
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE A
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	148 of 214
CONTRACT	PROJECT
R-41989	1802940

67+78.3



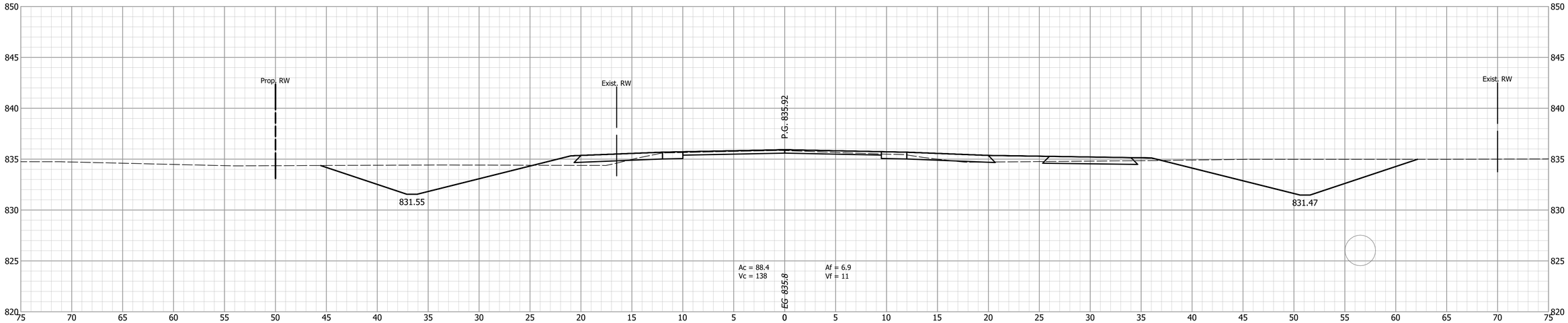
67+50



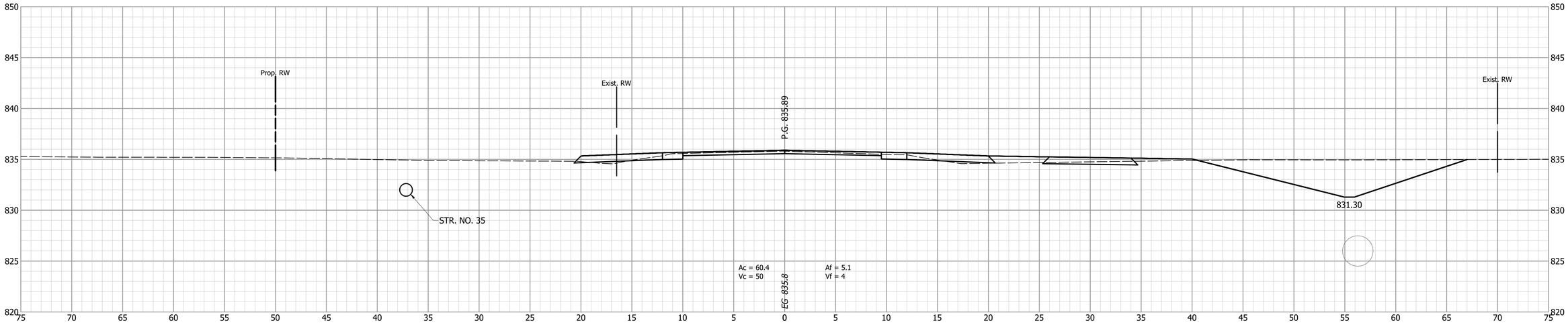
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE A
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	149 of 214
CONTRACT	PROJECT
R-41989	1802940

68+50



68+00



INDIANA
DEPARTMENT OF TRANSPORTATION

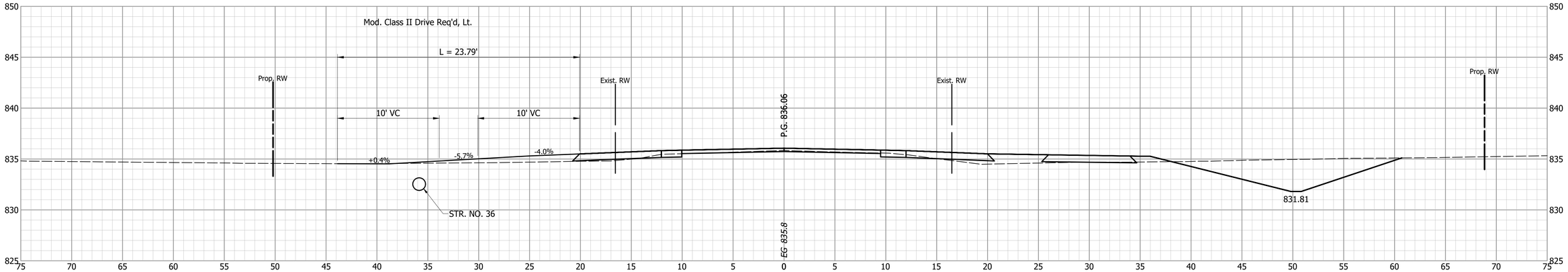
DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

CROSS SECTIONS
LINE A

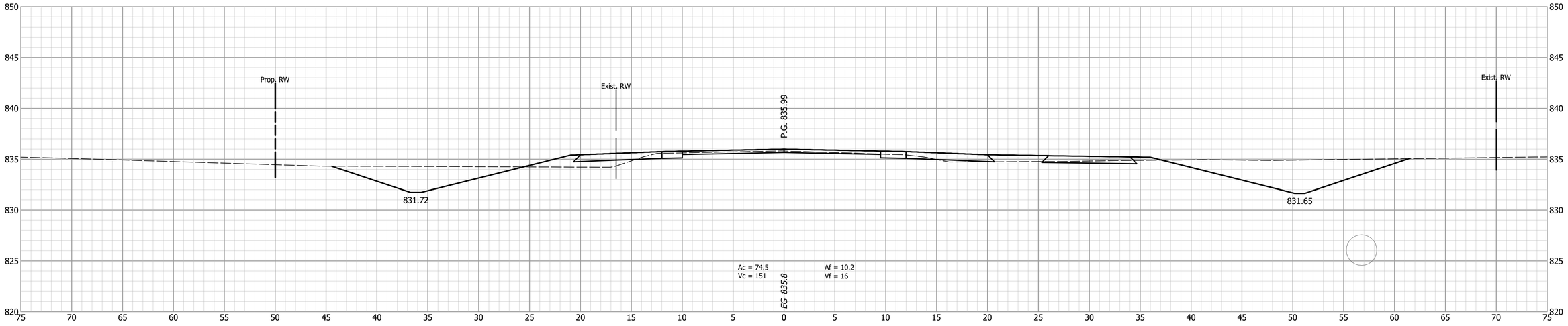
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940

SURVEY BOOK	SHEETS
	150 of 214
CONTRACT	PROJECT
R-41989	1802940

69+45.8

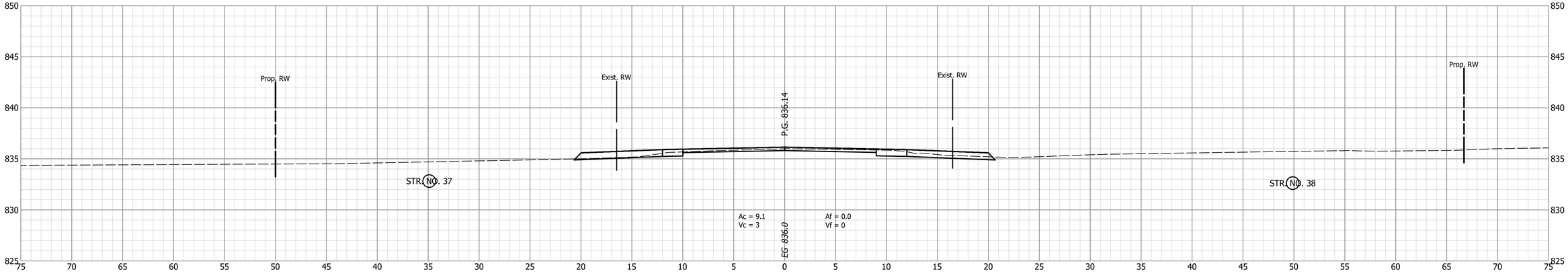


69+00

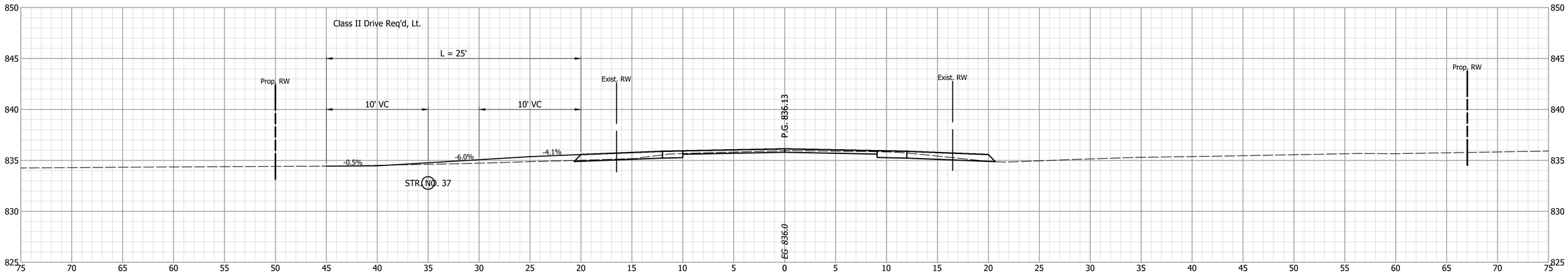


			INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
				VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
		DESIGNED: PEC / DRAWN: PEC	CROSS SECTIONS LINE A	SURVEY BOOK / SHEETS: 151 of 214
		CHECKED: GRW / CHECKED: GRW		CONTRACT: R-41989 / PROJECT: 1802940

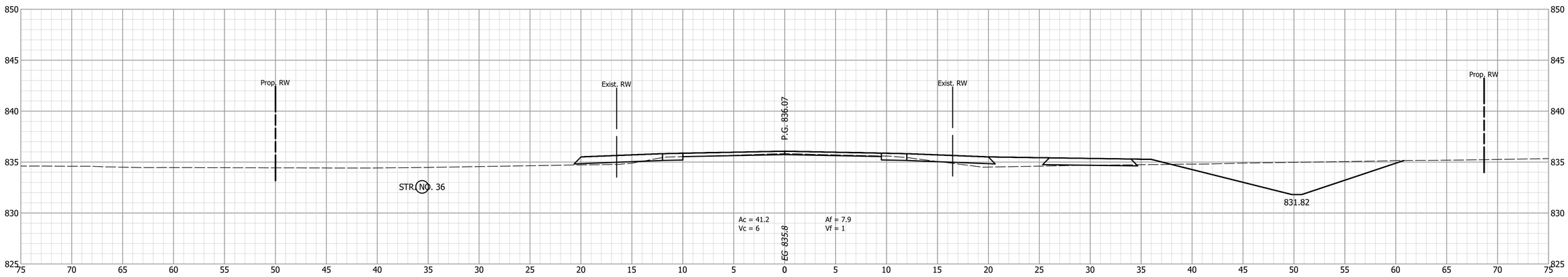
70+00



69+91.8



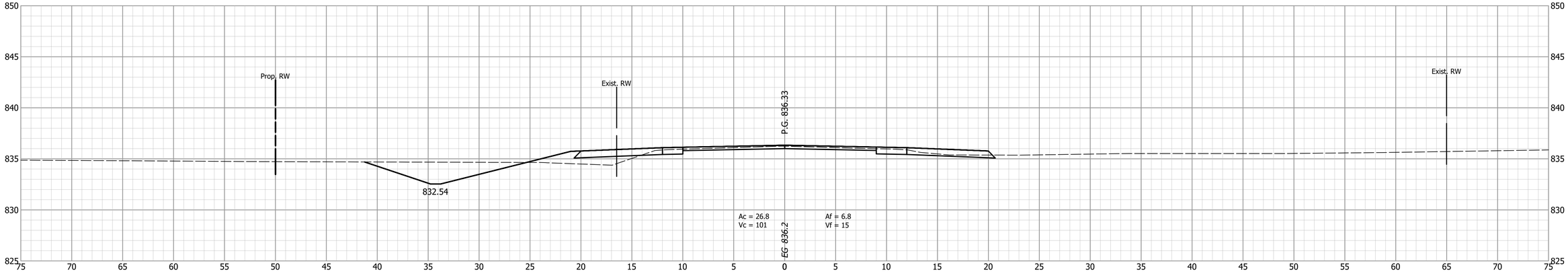
69+50



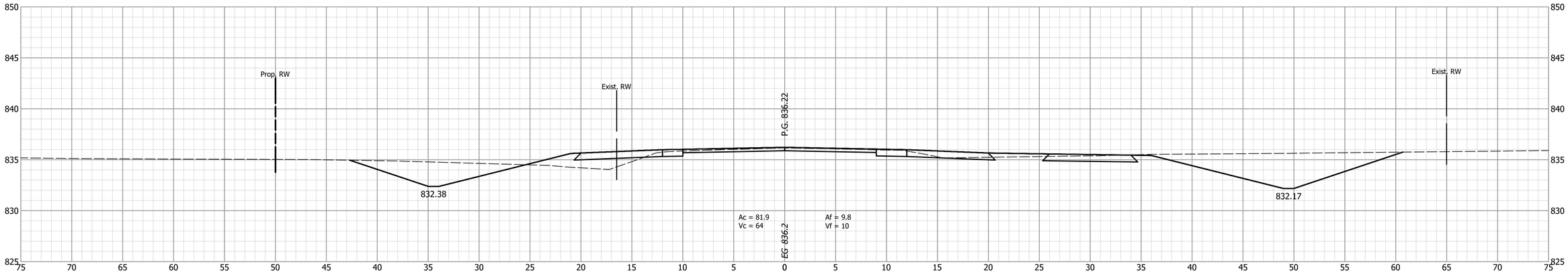
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE A
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	152 of 214
CONTRACT	PROJECT
R-41989	1802940

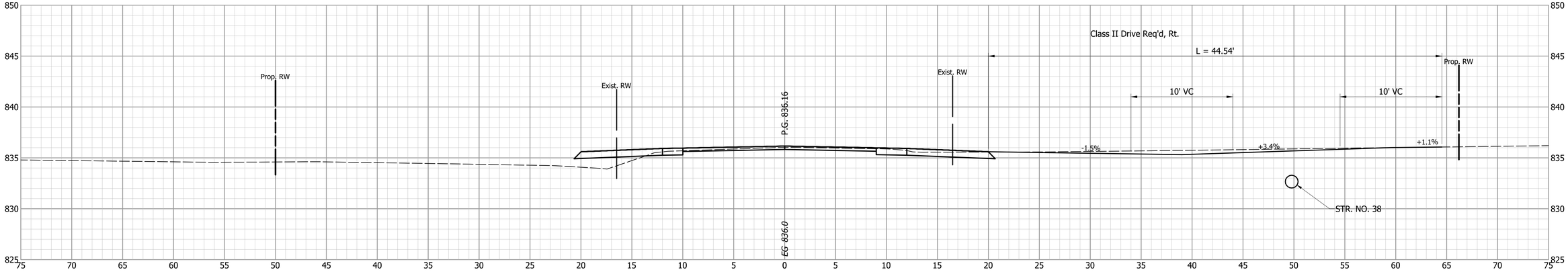
71+00



70+50

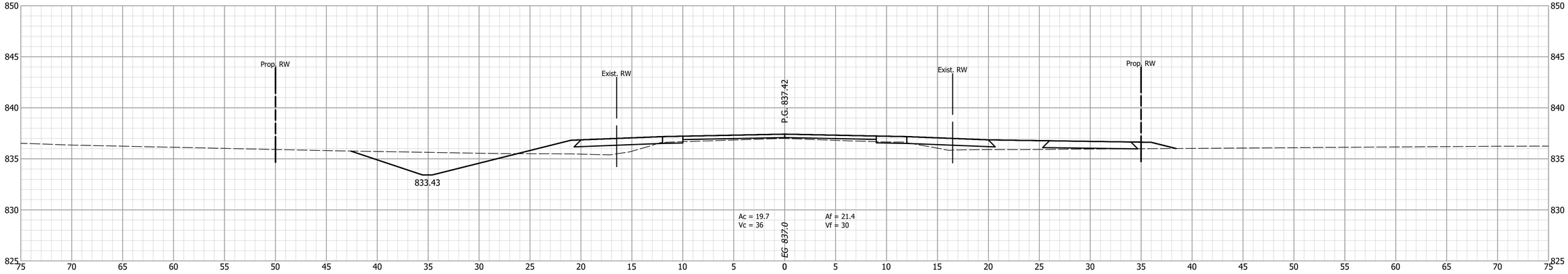


70+12.8

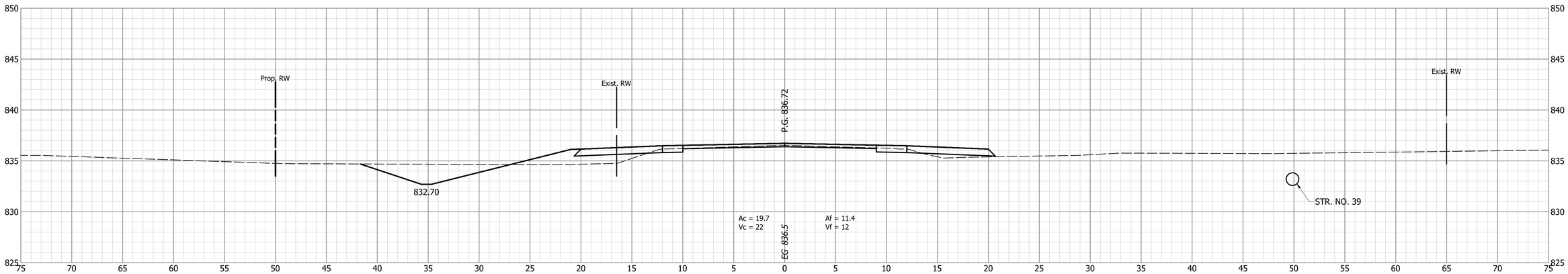


			INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / VERTICAL SCALE: 1" = 5' / BRIDGE FILE: / DESIGNATION: 1802940
		DESIGNED: PEC / CHECKED: GRW	DRAWN: PEC / CHECKED: GRW	CROSS SECTIONS LINE A	SURVEY BOOK: / SHEETS: 153 of 214 / CONTRACT: R-41989 / PROJECT: 1802940

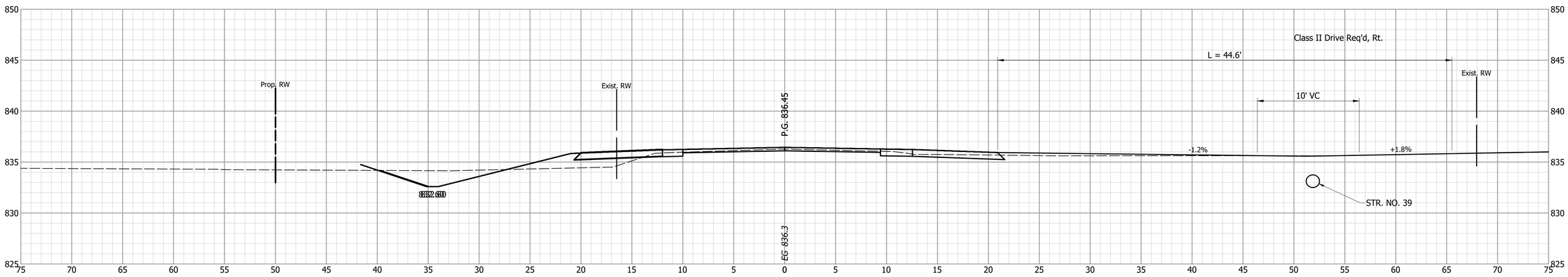
72+00



71+50

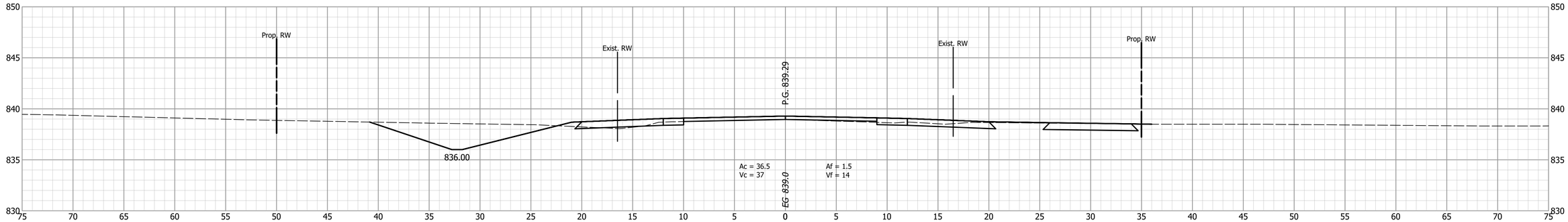


71+19.1

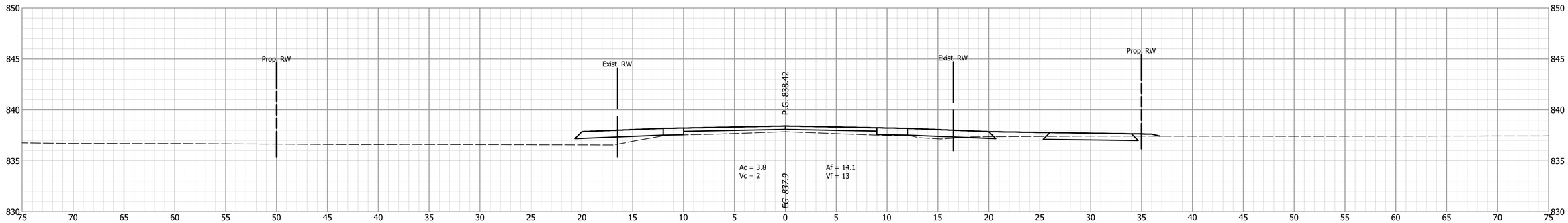


			INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / VERTICAL SCALE: 1" = 5' / BRIDGE FILE: / DESIGNATION: 1802940
		DESIGNED: PEC / CHECKED: GRW	CROSS SECTIONS LINE A	SURVEY BOOK: / SHEETS: 154 of 214
		DRAWN: PEC / CHECKED: GRW		CONTRACT: R-41989 / PROJECT: 1802940

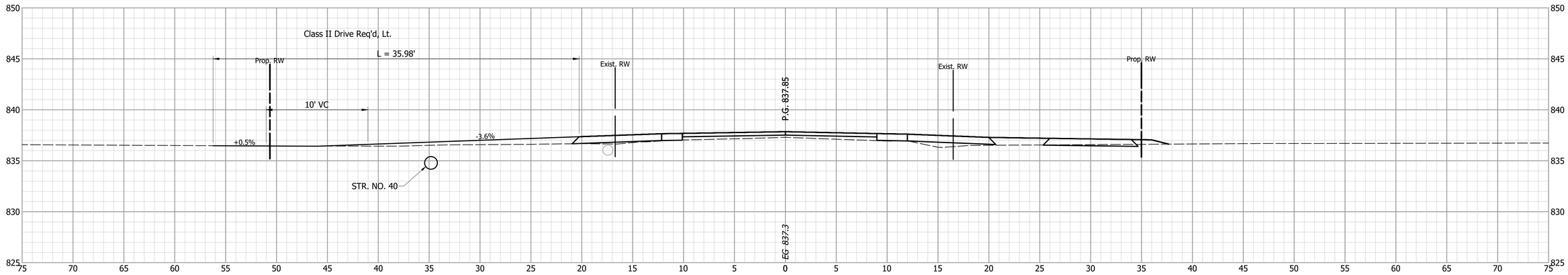
73+00



72+50

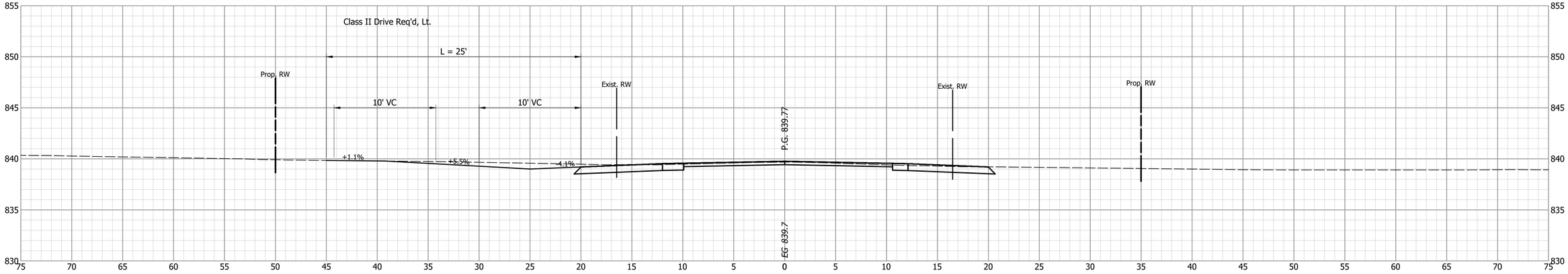


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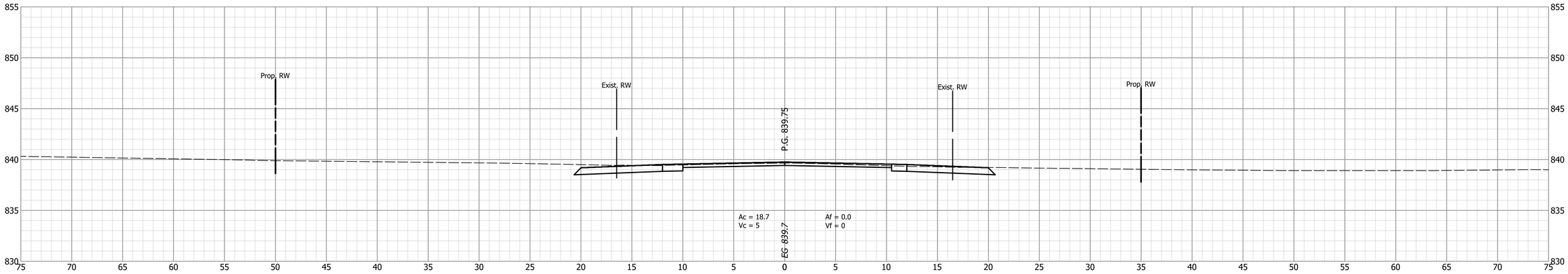


			INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
		DESIGNED: PEC / DRAWN: PEC	CROSS SECTIONS LINE A	VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
		CHECKED: GRW / CHECKED: GRW		SURVEY BOOK: / SHEETS: 155 of 214
				CONTRACT: R-41989 / PROJECT: 1802940

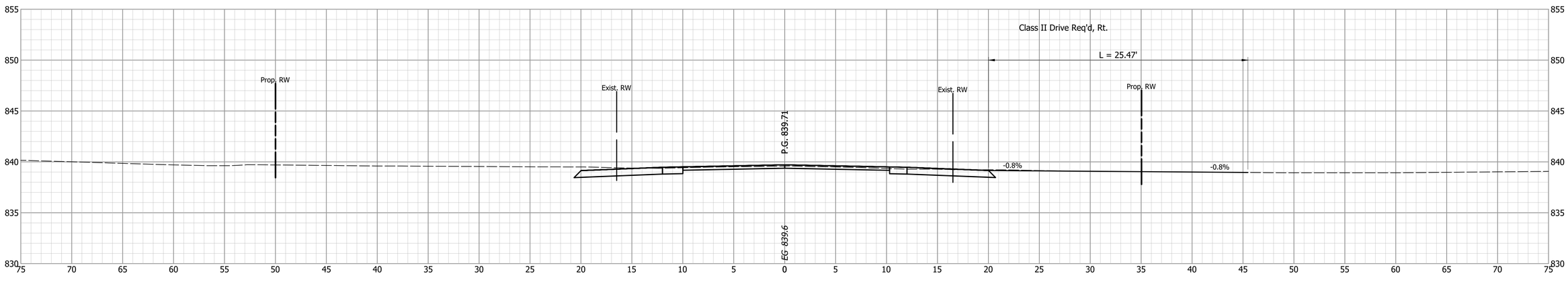
73+53.1



73+50



73+42.7



INDIANA
DEPARTMENT OF TRANSPORTATION

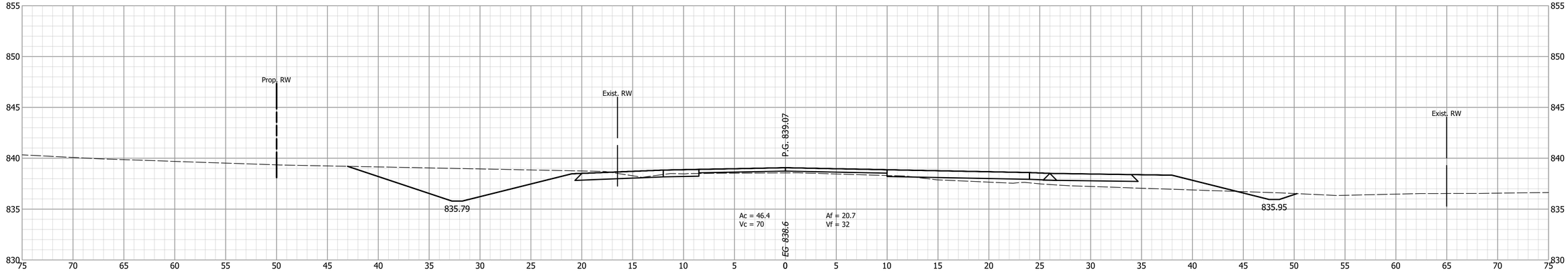
CROSS SECTIONS
LINE A

DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

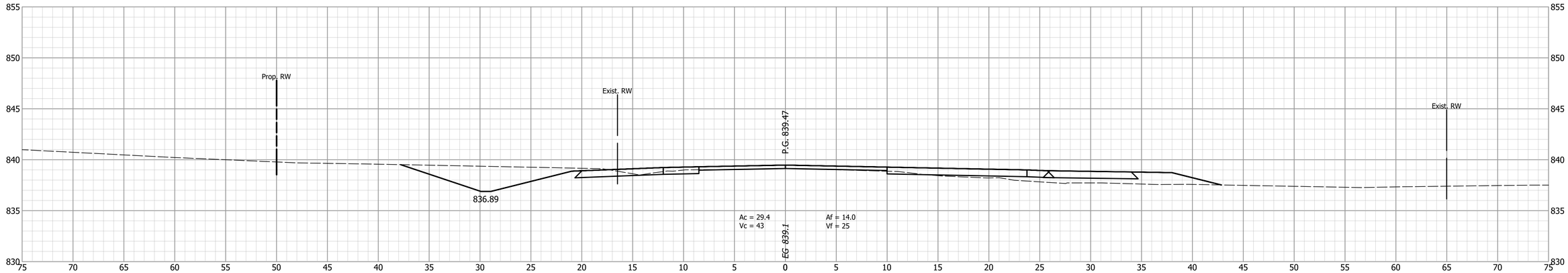
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940

SURVEY BOOK	SHEETS
	156 of 214
CONTRACT	PROJECT
R-41989	1802940

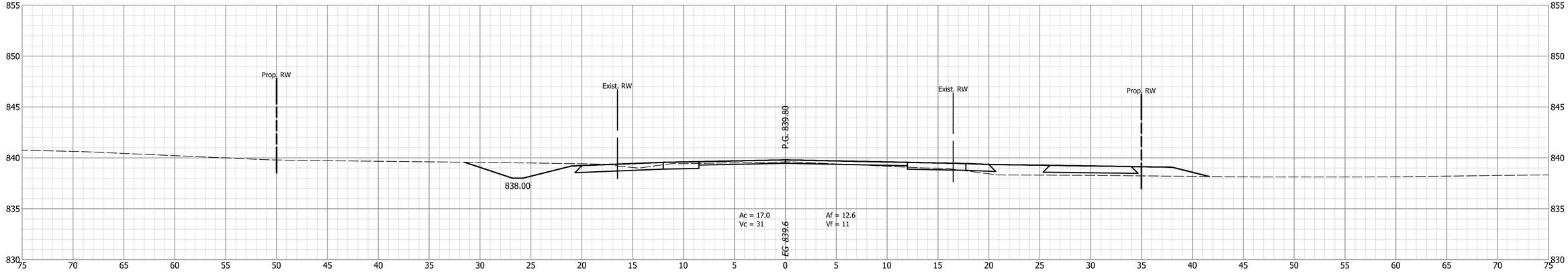
75+00



74+50



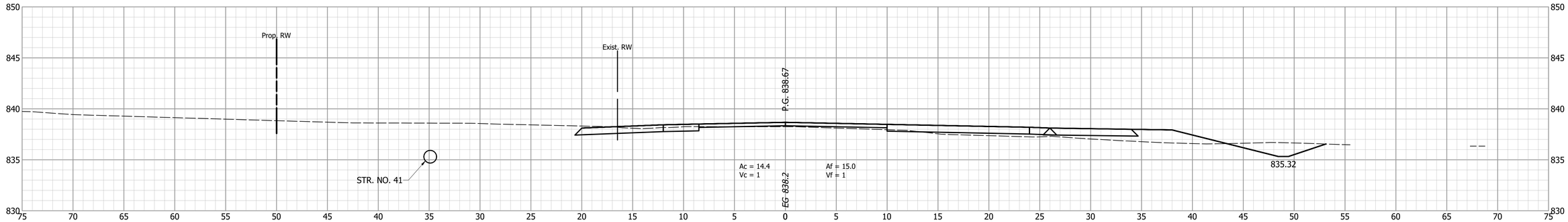
74+00



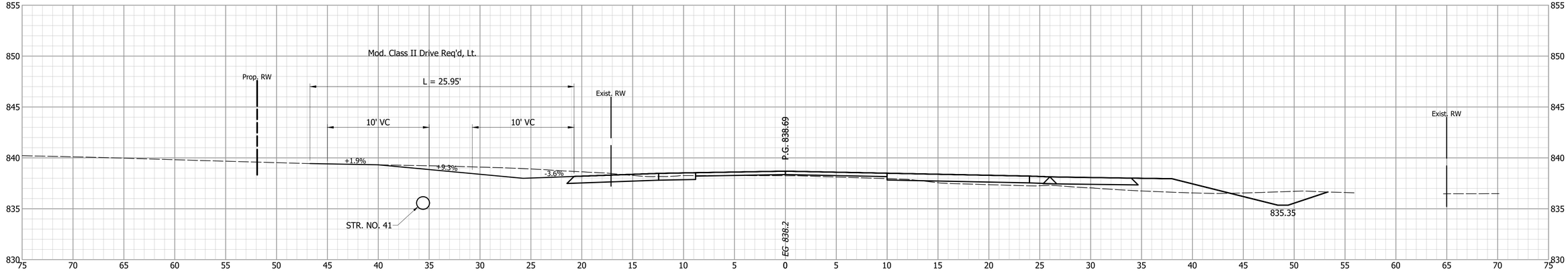
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE A
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	157 of 214
CONTRACT	PROJECT
R-41989	1802940

75+50

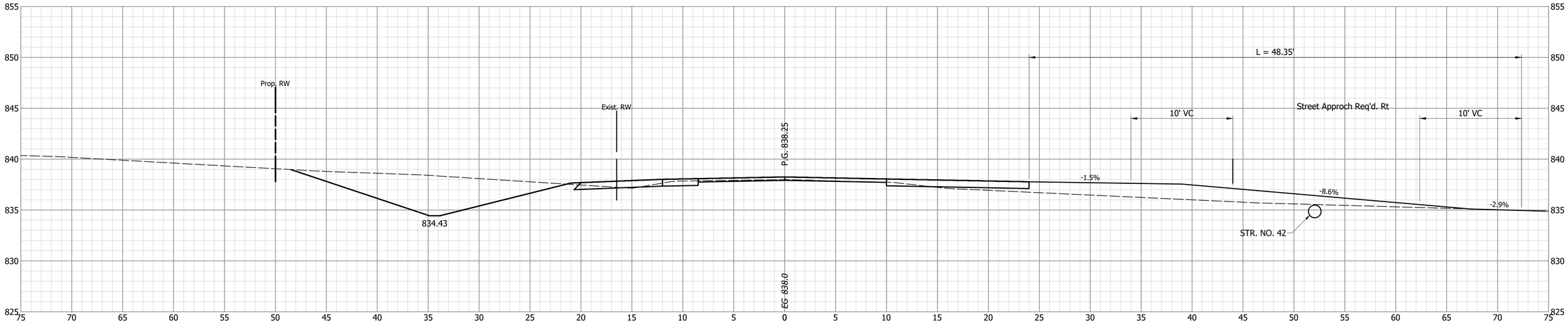


75+47.5

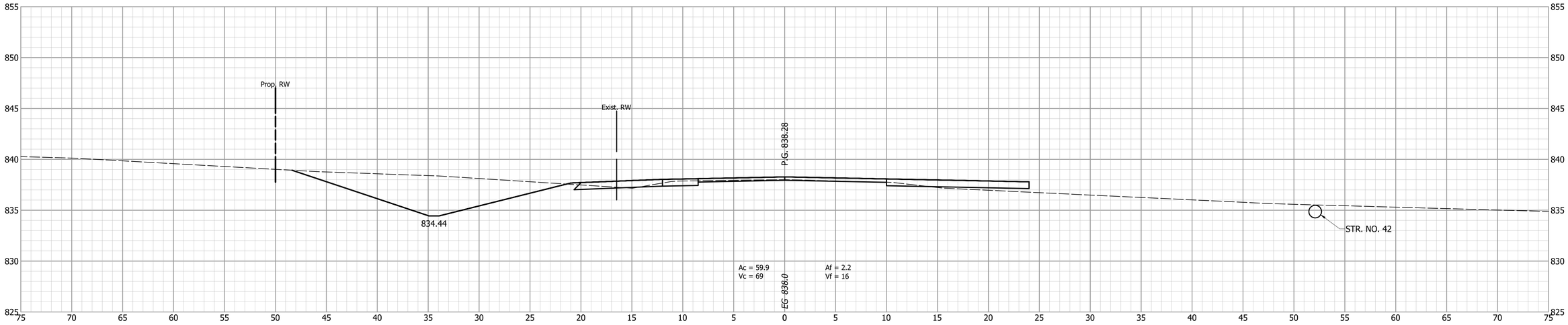


			INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
				VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
		DESIGNED: PEC / DRAWN: PEC	CROSS SECTIONS LINE A	SURVEY BOOK / SHEETS: 158 of 214
		CHECKED: GRW / CHECKED: GRW		CONTRACT: R-41989 / PROJECT: 1802940

76+03.4

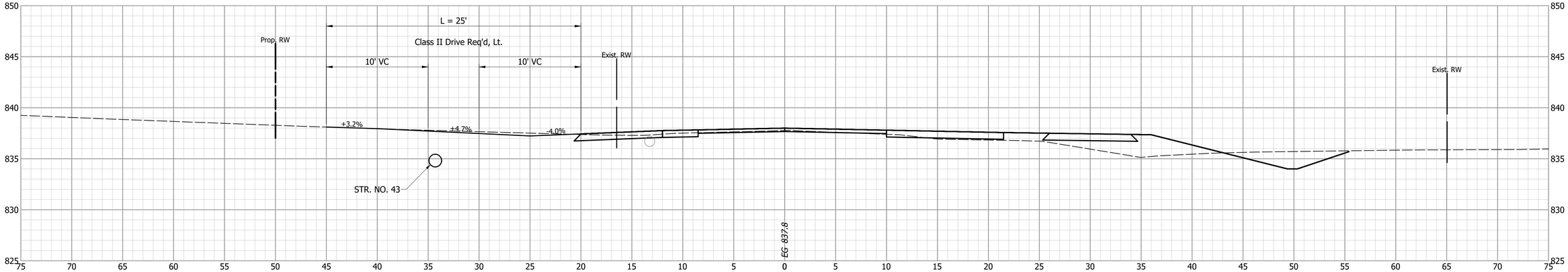


76+00

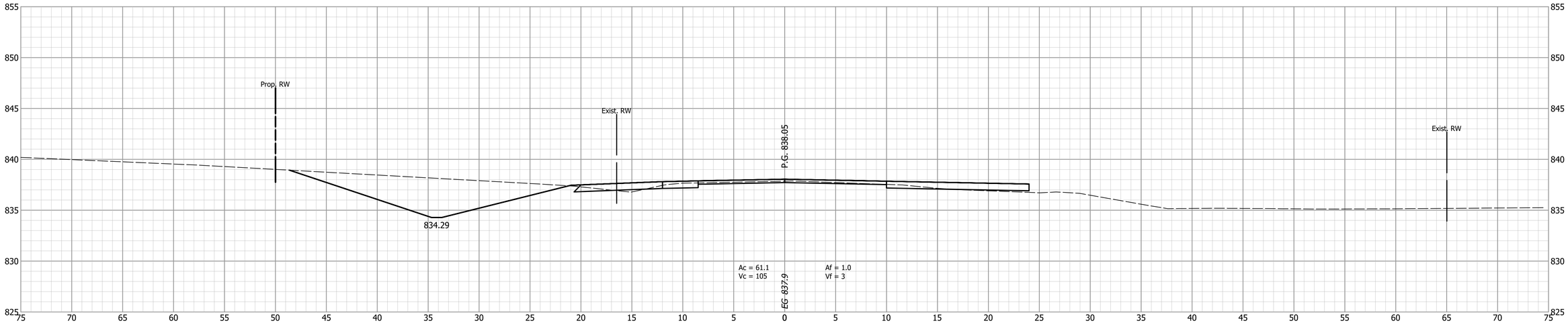


DESIGNED: PEC	DRAWN: PEC	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
CHECKED: GRW	CHECKED: GRW	CROSS SECTIONS LINE A	VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
			SURVEY BOOK: / SHEETS: 159 of 214
			CONTRACT: R-41989 / PROJECT: 1802940

76+79.4

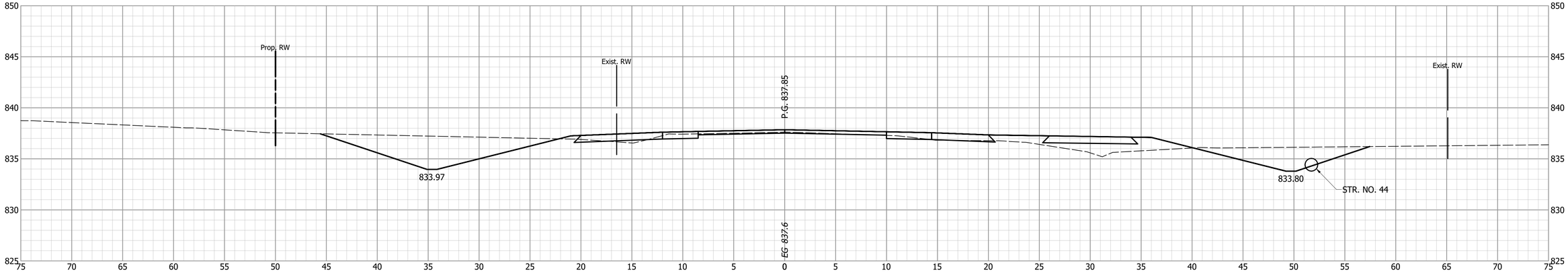


76+50

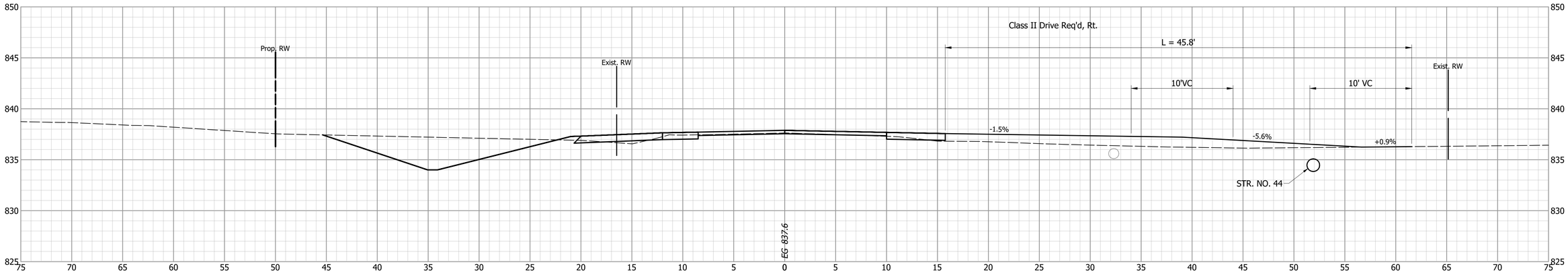


			INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
				VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
		DESIGNED: PEC / DRAWN: PEC	CROSS SECTIONS LINE A	SURVEY BOOK / SHEETS: 160 of 214
		CHECKED: GRW / CHECKED: GRW		CONTRACT: R-41989 / PROJECT: 1802940

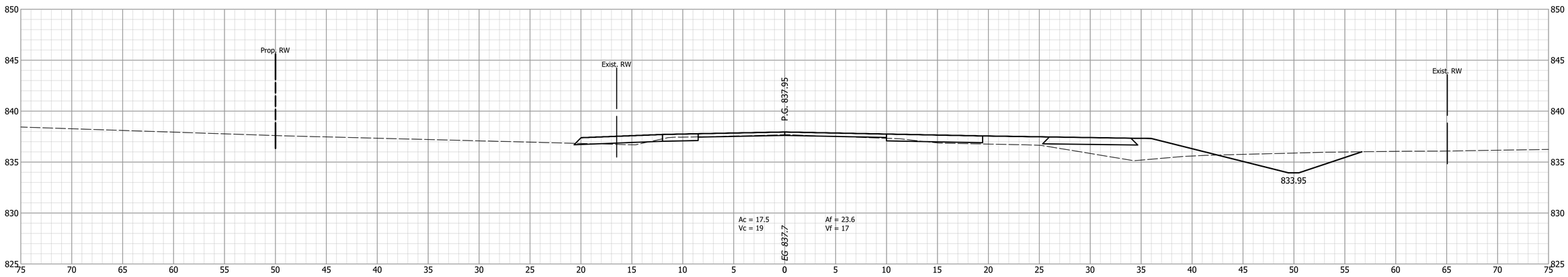
77+50



77+37.4

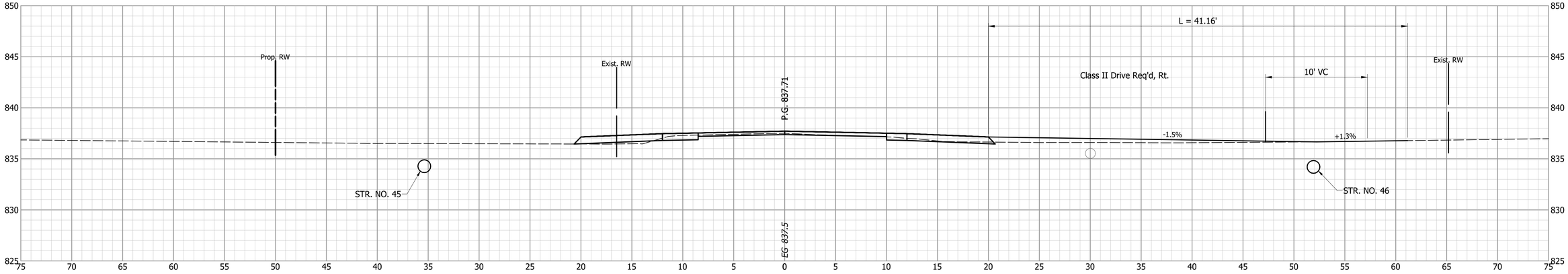


77+00

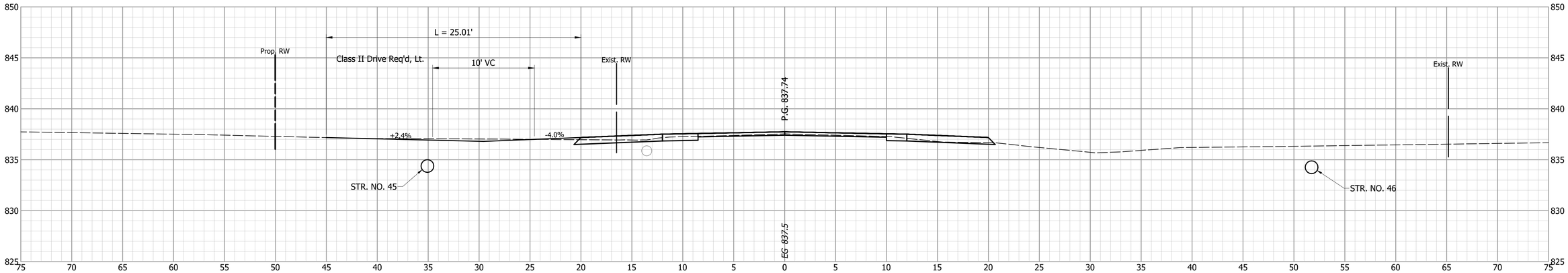


		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
			VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
DESIGNED: PEC	DRAWN: PEC	CROSS SECTIONS LINE A	SURVEY BOOK: / SHEETS: 161 of 214
CHECKED: GRW	CHECKED: GRW		CONTRACT: R-41989 / PROJECT: 1802940

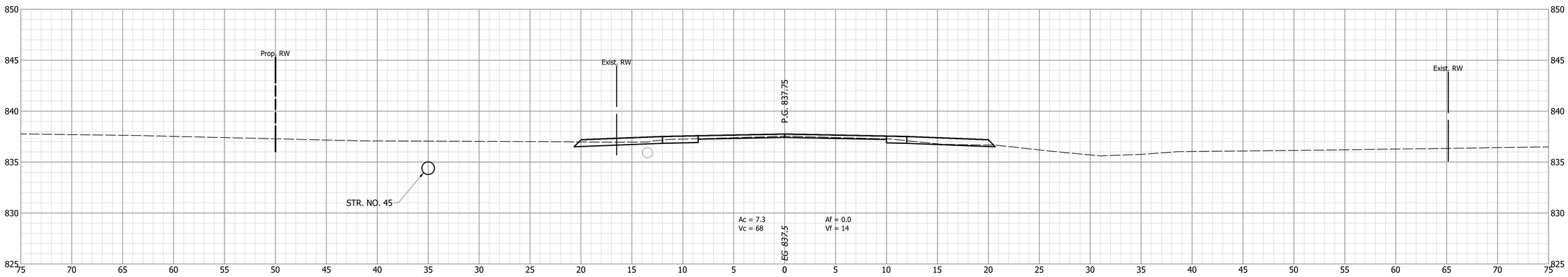
78+22.3



78+04.6



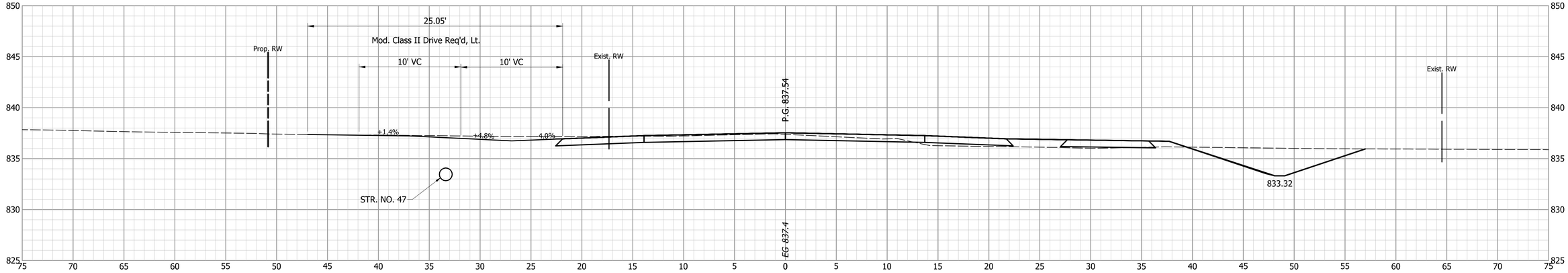
78+00



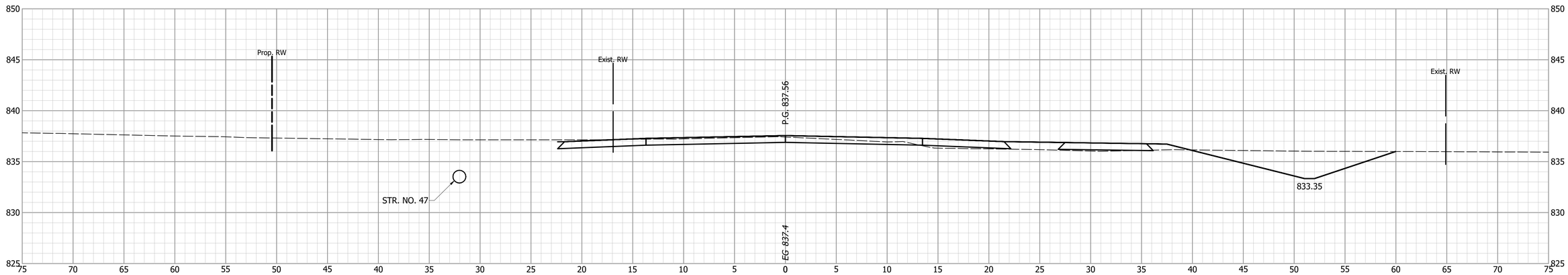
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE A
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	162 of 214
CONTRACT	PROJECT
R-41989	1802940

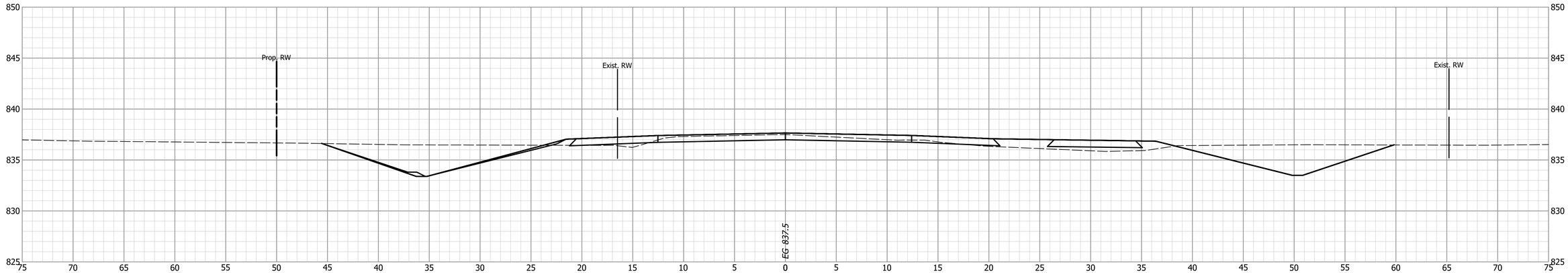
1+09.4



1+00

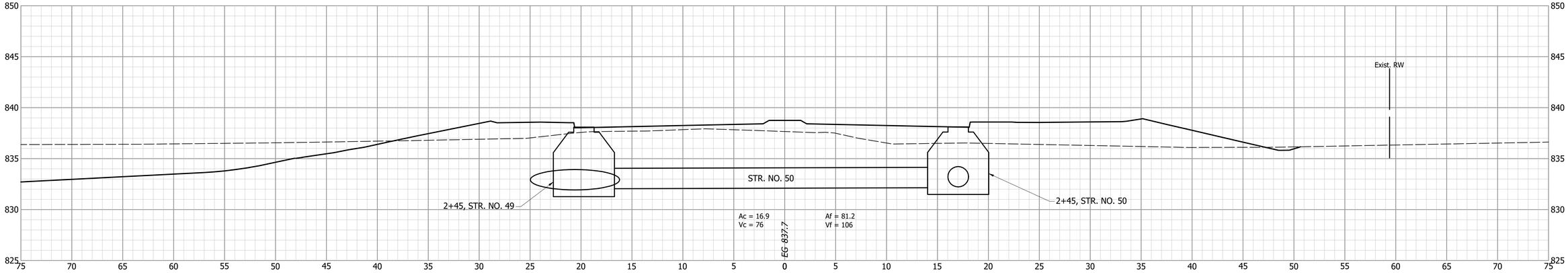


0+50

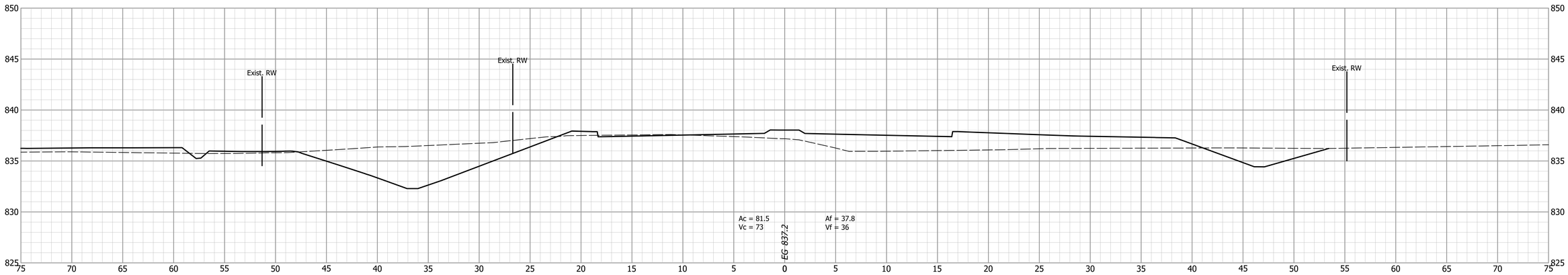


DESIGNED: PEC	DRAWN: PEC	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / VERTICAL SCALE: 1" = 5' / BRIDGE FILE / DESIGNATION: 1802940
CHECKED: GRW	CHECKED: GRW	CROSS SECTIONS LINE "SL"	SURVEY BOOK / SHEETS: 163 of 214 / CONTRACT: R-41989 / PROJECT: 1802940

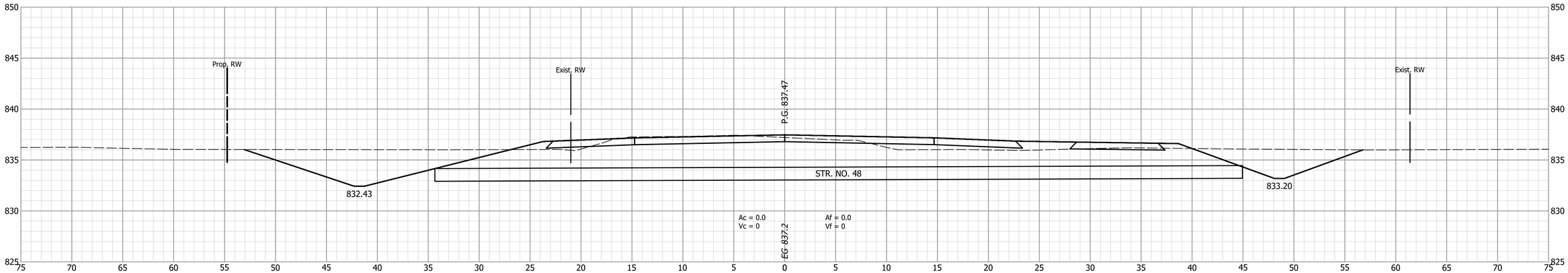
2+45



2+00

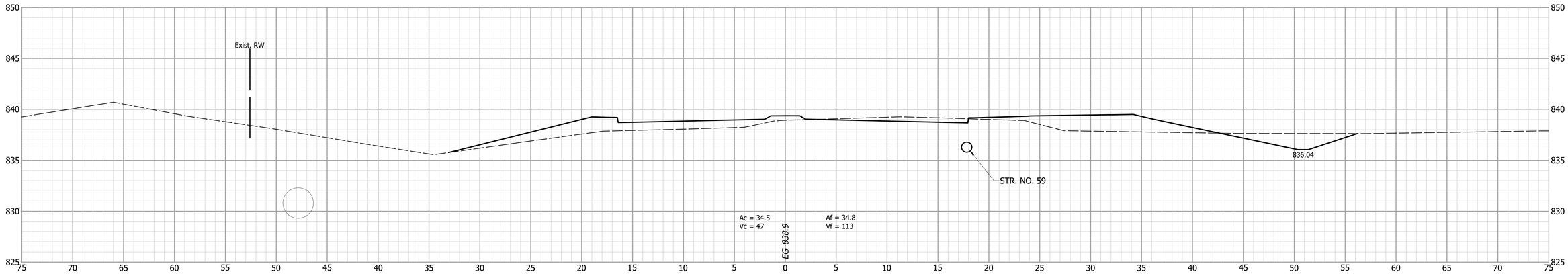


1+50

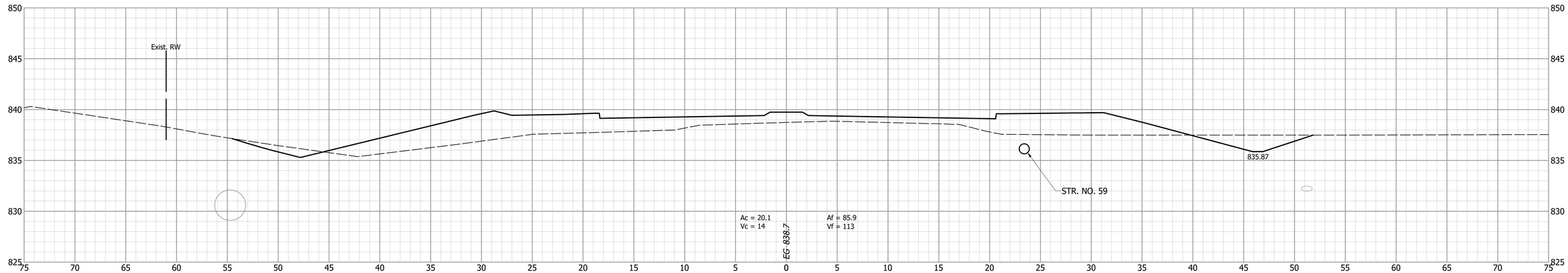


			INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / VERTICAL SCALE: 1" = 5' / BRIDGE FILE: / DESIGNATION: 1802940
		DESIGNED: PEC / CHECKED: GRW	DRAWN: PEC / CHECKED: GRW	CROSS SECTIONS LINE "SL"
				SURVEY BOOK: / SHEETS: 164 of 214 / CONTRACT: R-41989 / PROJECT: 1802940

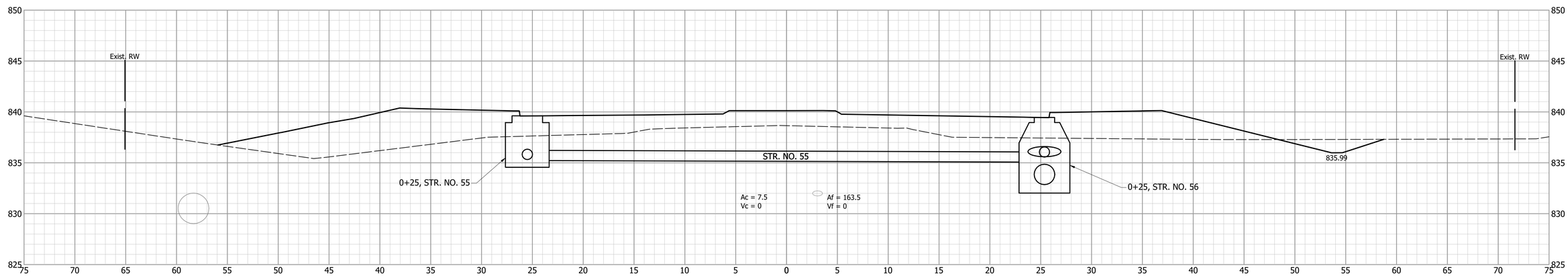
1+00



0+50



0+25



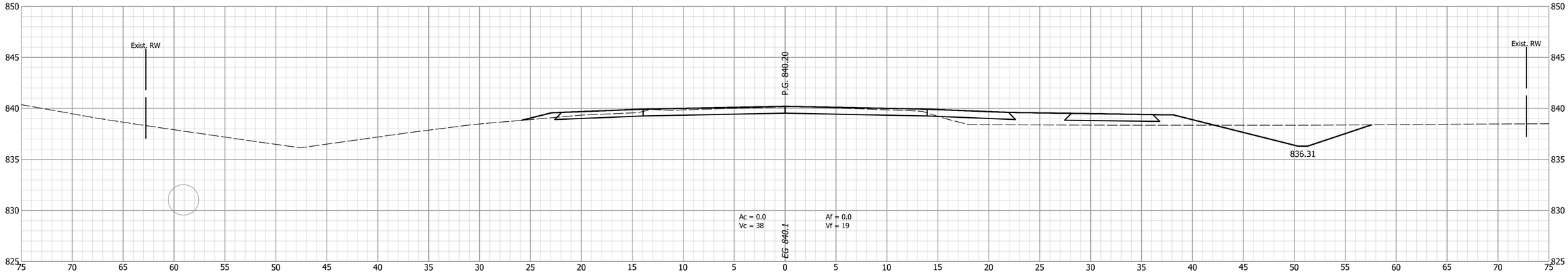
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "NL"

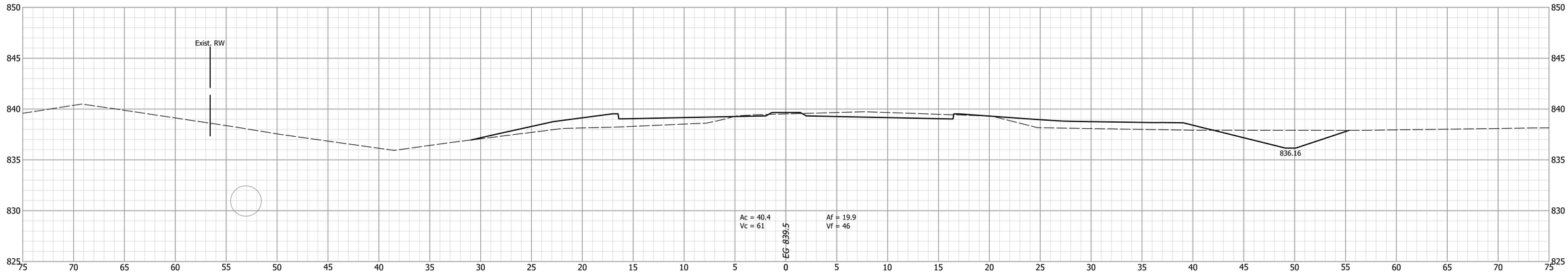
DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	165 of 214
CONTRACT	PROJECT
R-41989	1802940

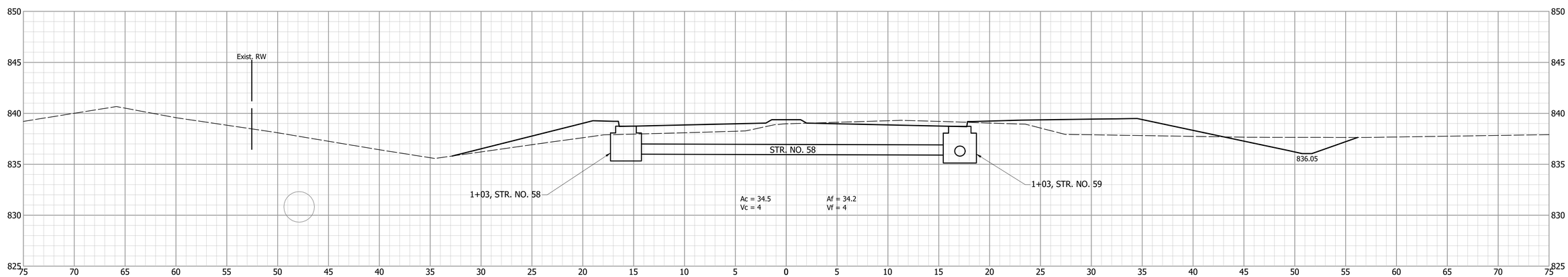
2+00



1+50

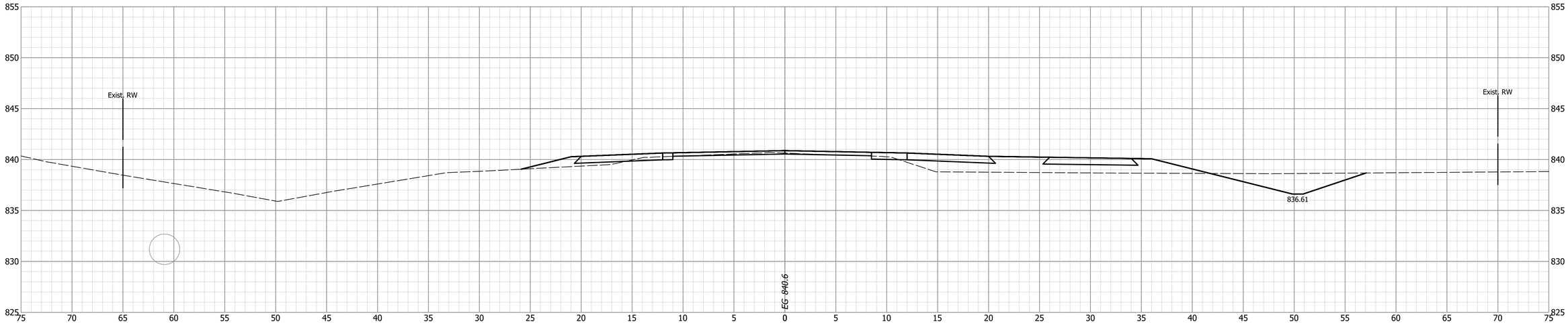


1+03

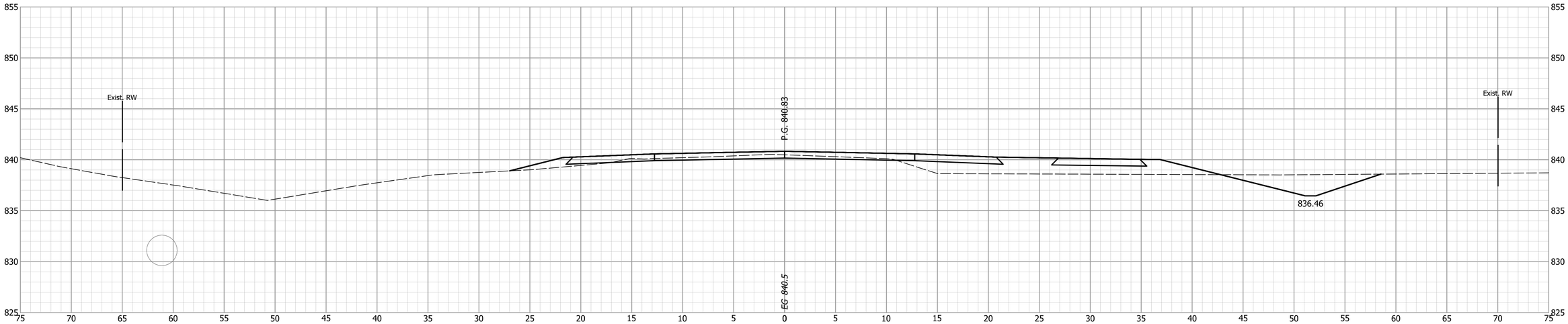


DESIGNED: PEC	DRAWN: PEC	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
CHECKED: GRW	CHECKED: GRW	CROSS SECTIONS LINE "NL"	VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
			SURVEY BOOK: / SHEETS: 166 of 214
			CONTRACT: R-41989 / PROJECT: 1802940

3+00



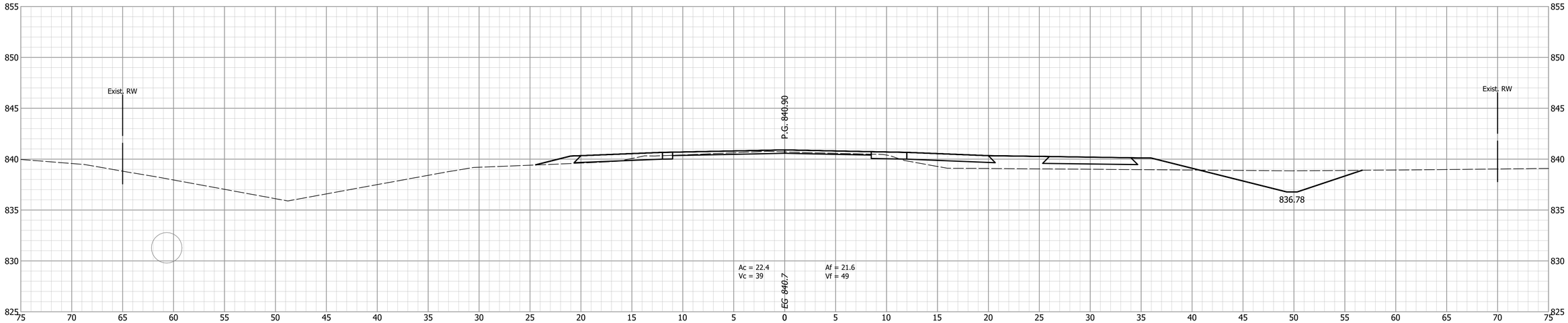
2+50



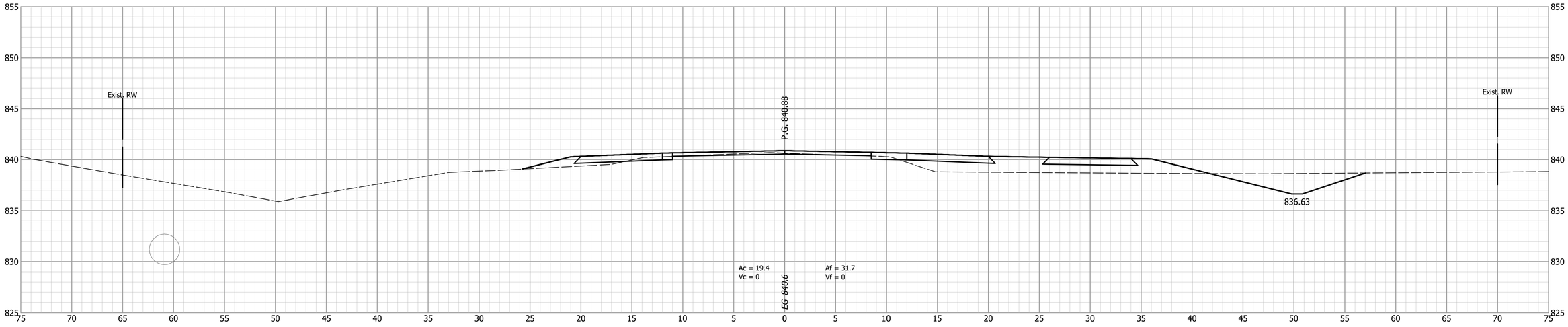
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE "NL"
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	167 of 214
CONTRACT	PROJECT
R-41989	1802940

85+50



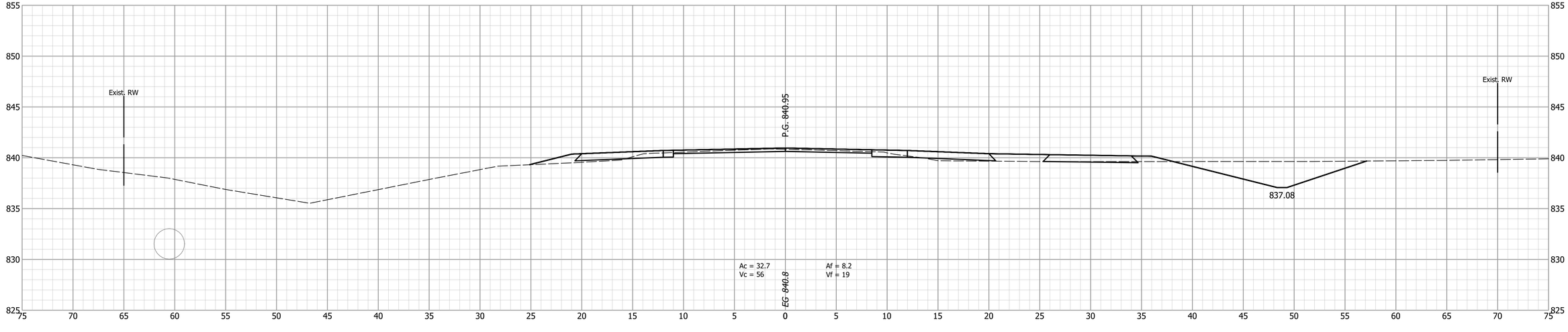
85+00



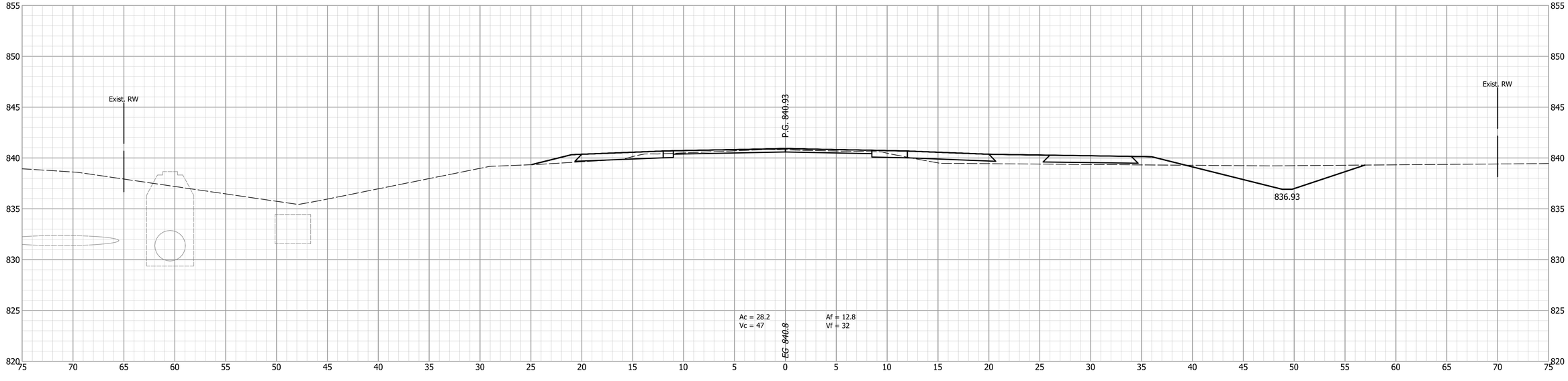
DESIGNED: PEC	DRAWN: PEC	INDIANA DEPARTMENT OF TRANSPORTATION	
CHECKED: GRW	CHECKED: GRW	CROSS SECTIONS LINE "A"	

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	168 of 214
CONTRACT	PROJECT
R-41989	1802940

86+50



86+00



INDIANA
DEPARTMENT OF TRANSPORTATION

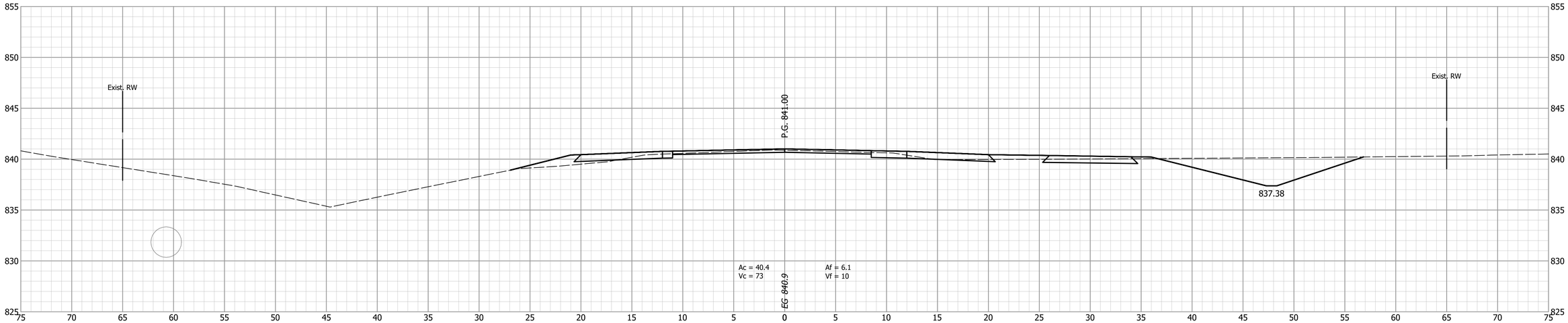
CROSS SECTIONS
LINE "A"

DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

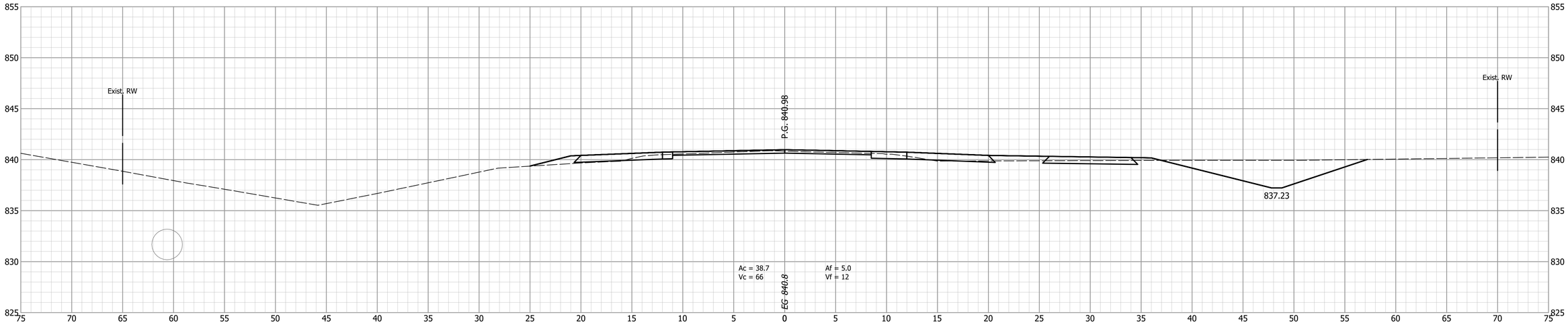
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940

SURVEY BOOK	SHEETS		
	169	of	214
CONTRACT	PROJECT		
R-41989	1802940		

87+50



87+00



INDIANA
DEPARTMENT OF TRANSPORTATION

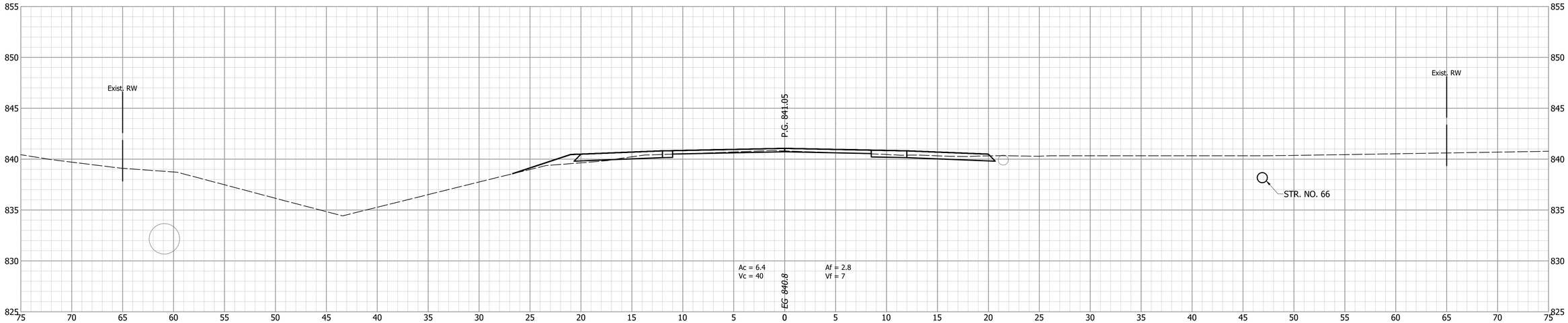
CROSS SECTIONS
LINE "A"

DESIGNED: PEC
DRAWN: PEC
CHECKED: GRW
CHECKED: GRW

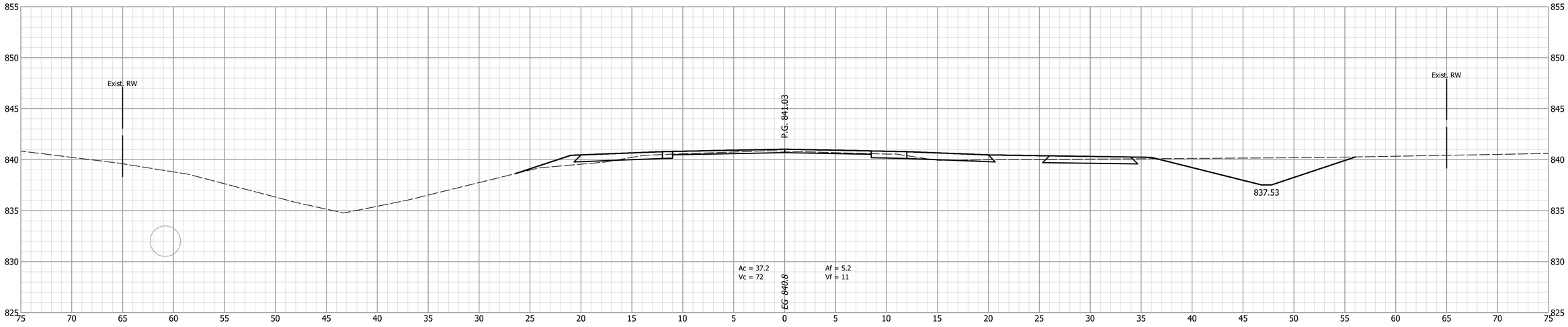
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940

SURVEY BOOK	SHEETS
	170 of 214
CONTRACT	PROJECT
R-41989	1802940

88+50



88+00



INDIANA
DEPARTMENT OF TRANSPORTATION

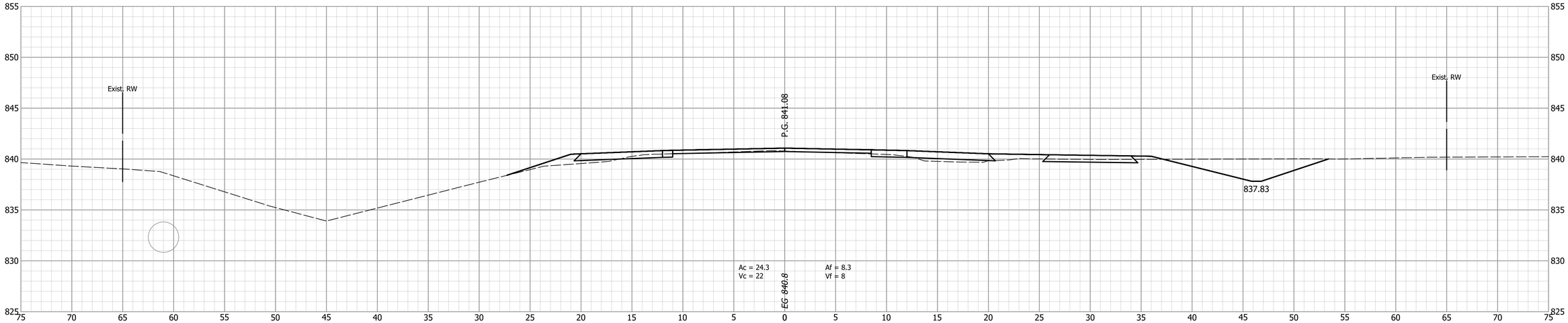
CROSS SECTIONS
LINE "A"

DESIGNED: PEC
DRAWN: PEC
CHECKED: GRW
CHECKED: GRW

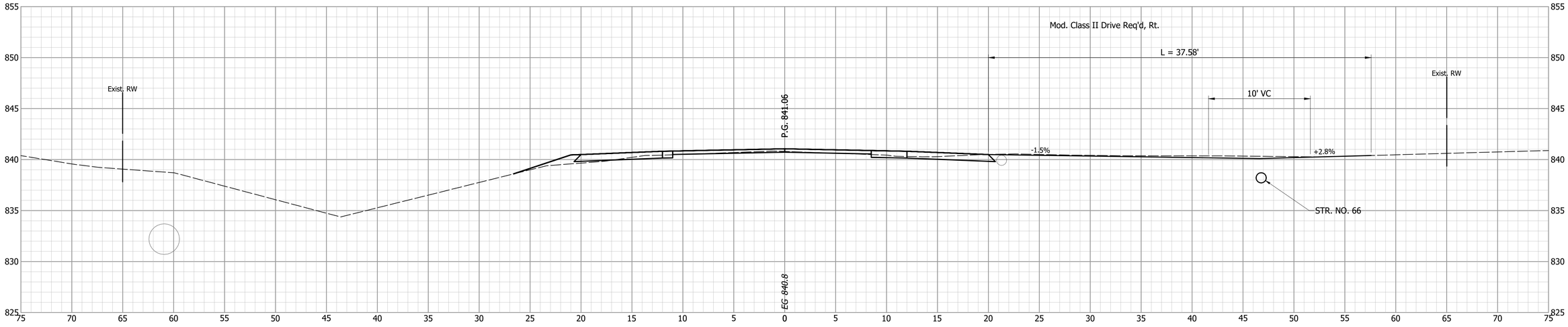
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940

SURVEY BOOK	SHEETS
	171 of 214
CONTRACT	PROJECT
R-41989	1802940

89+00



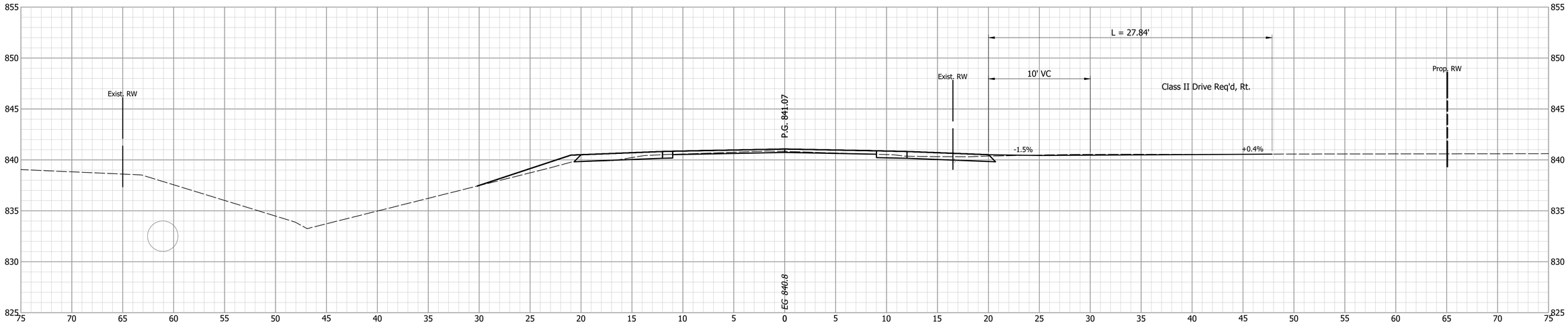
88+60.9



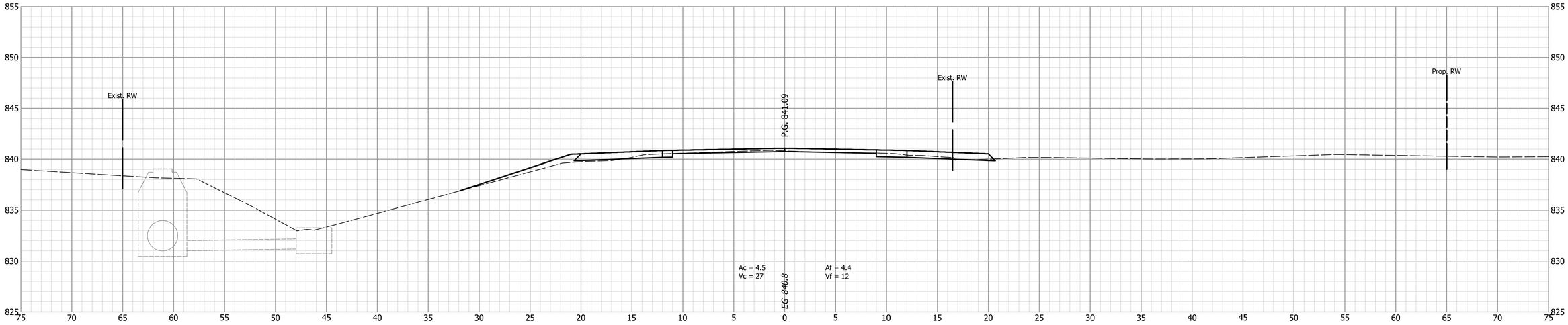
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE "A"
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	172 of 214
CONTRACT	PROJECT
R-41989	1802940

89+65.2

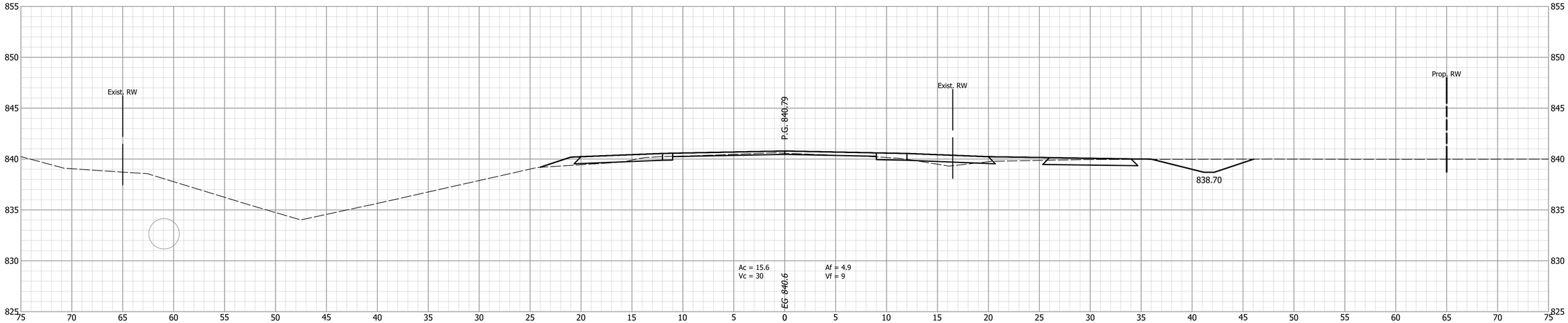


89+50

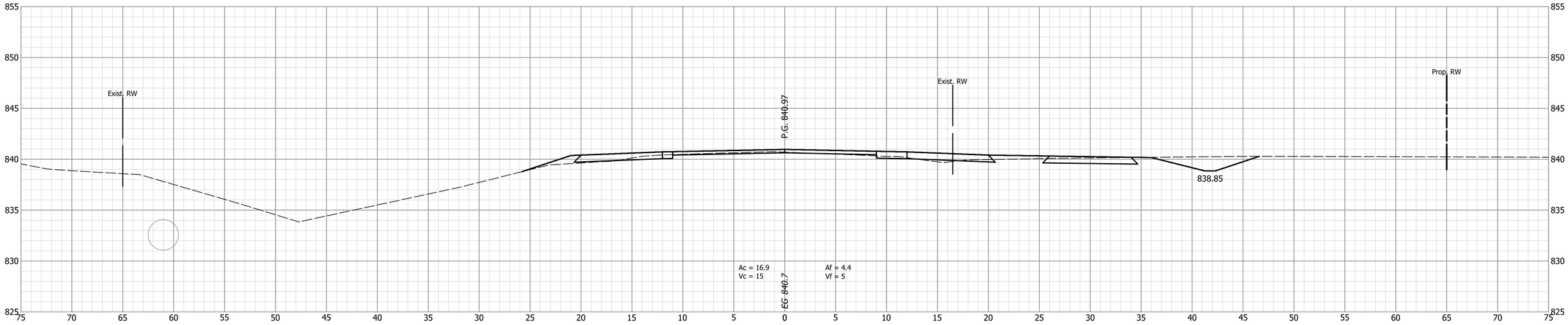


DESIGNED: PEC	DRAWN: PEC	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
CHECKED: GRW	CHECKED: GRW	CROSS SECTIONS LINE "A"	VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
			SURVEY BOOK: / SHEETS: 173 of 214
			CONTRACT: R-41989 / PROJECT: 1802940

90+50



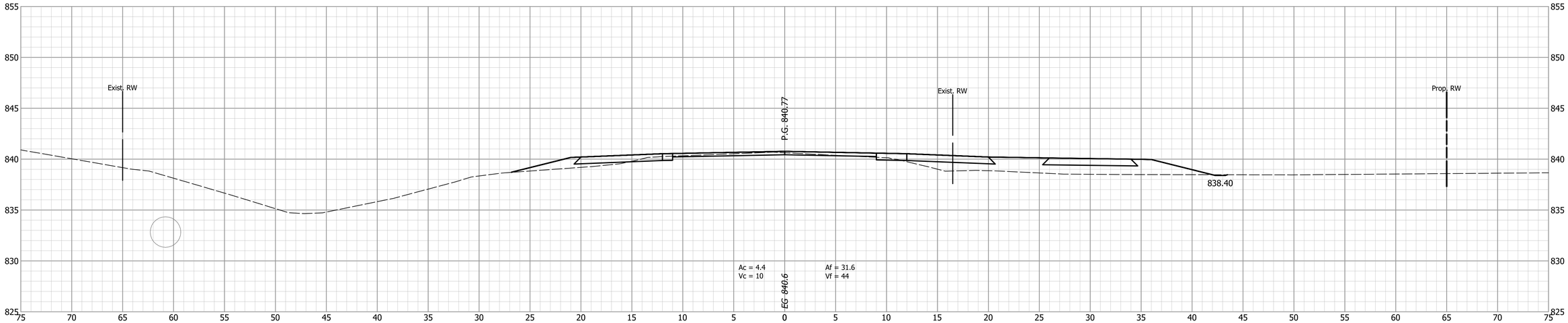
90+00



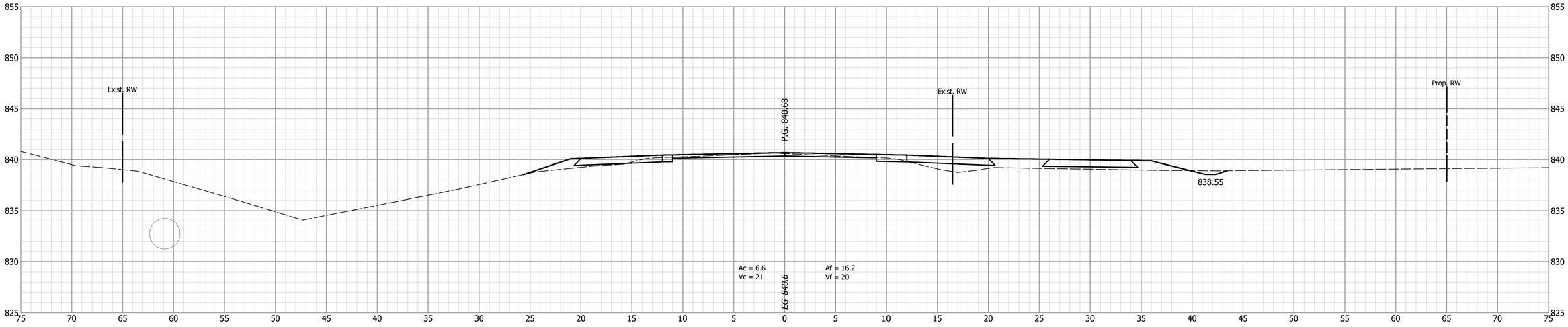
DESIGNED: PEC	DRAWN: PEC	INDIANA DEPARTMENT OF TRANSPORTATION	
CHECKED: GRW	CHECKED: GRW	CROSS SECTIONS LINE "A"	

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	174 of 214
CONTRACT	PROJECT
R-41989	1802940

91+50



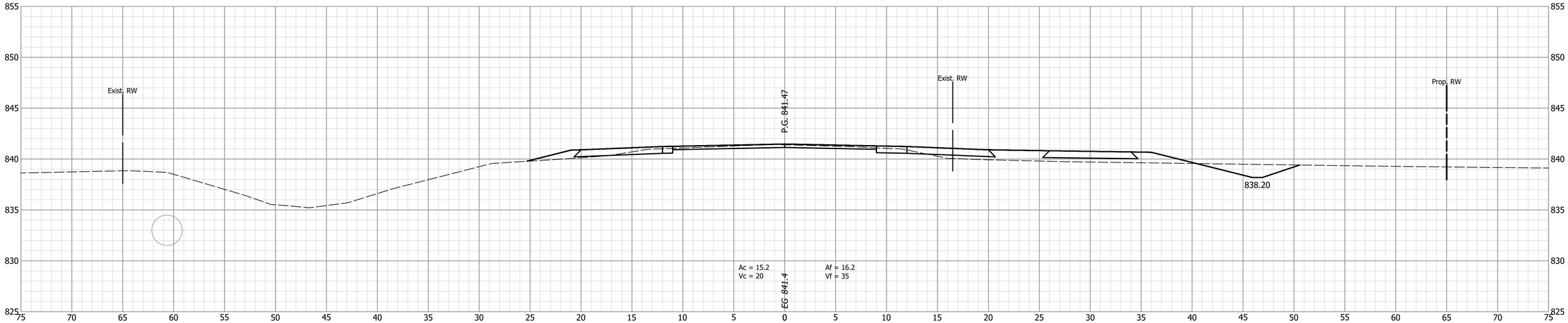
91+00



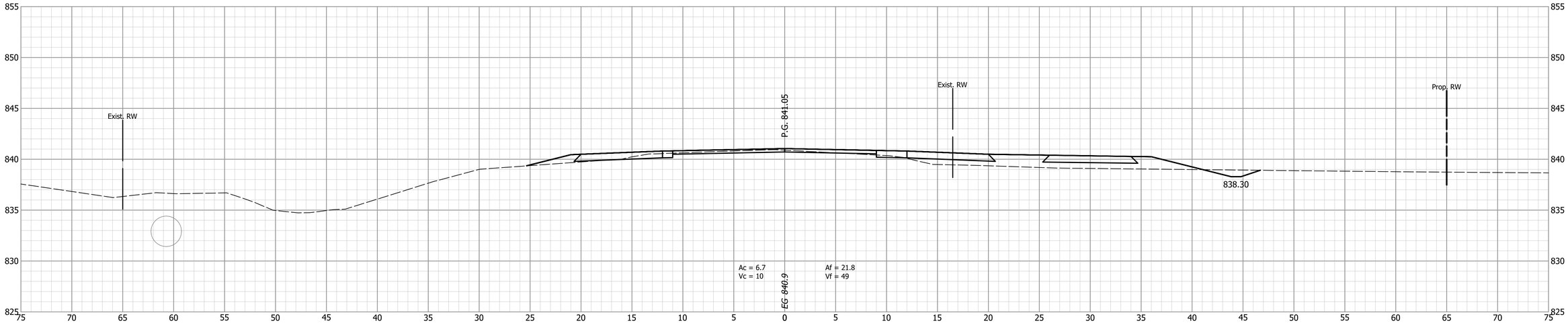
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE "A"
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	175 of 214
CONTRACT	PROJECT
R-41989	1802940

92+50



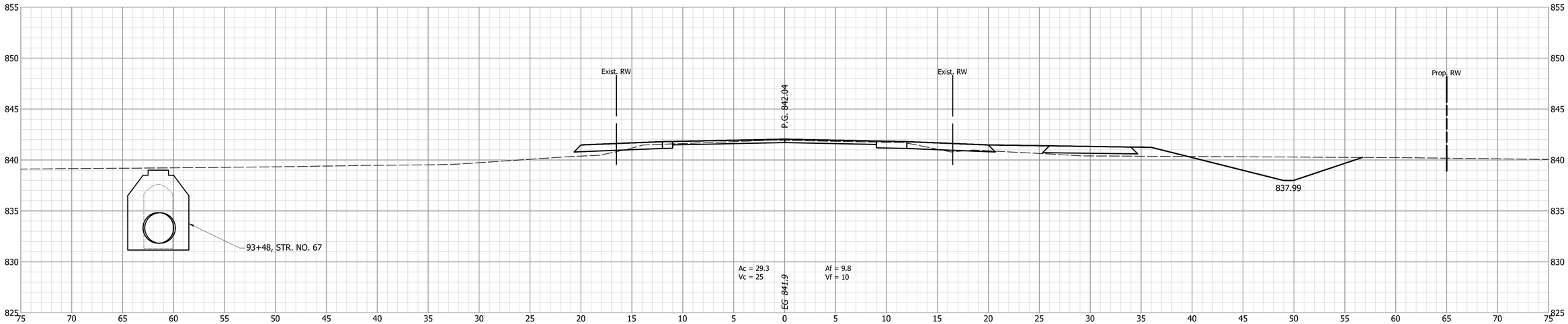
92+00



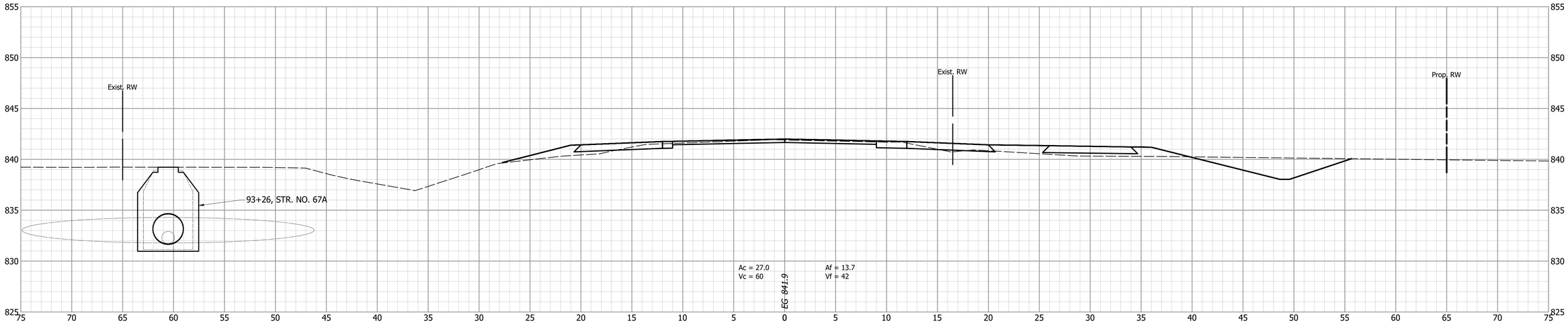
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE "A"
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	176 of 214
CONTRACT	PROJECT
R-41989	1802940

93+50



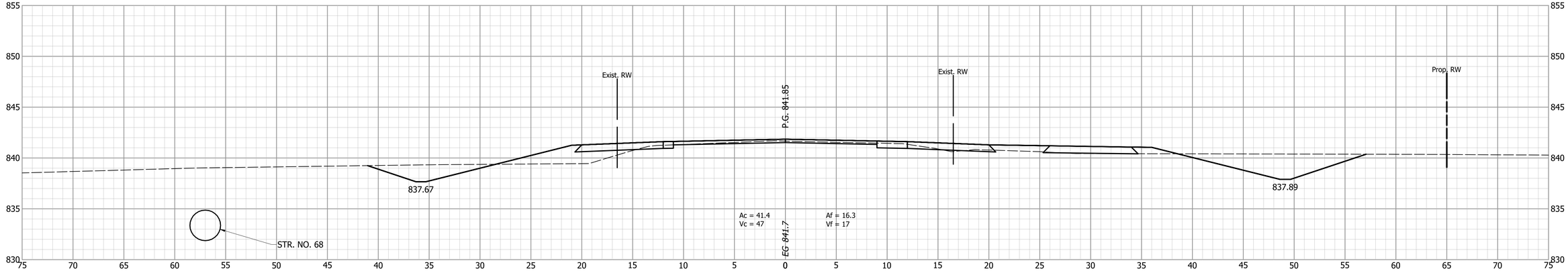
93+26



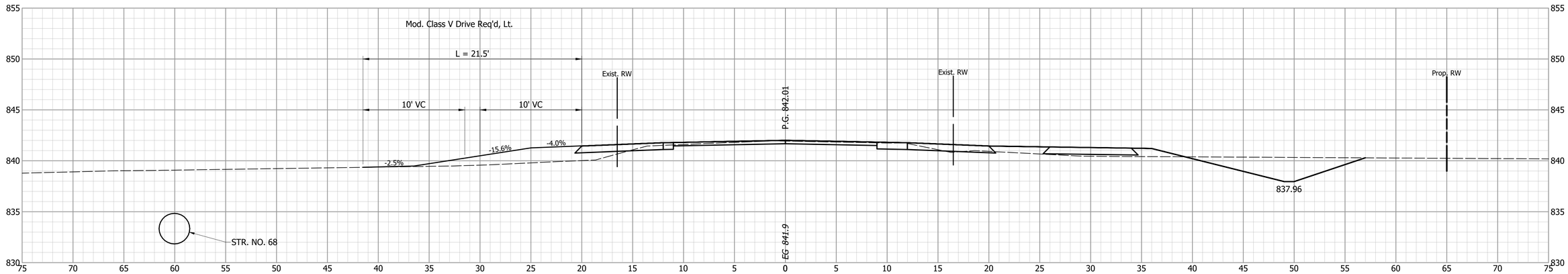
DESIGNED: PEC	DRAWN: PEC	INDIANA DEPARTMENT OF TRANSPORTATION	
CHECKED: GRW	CHECKED: GRW	CROSS SECTIONS LINE "A"	

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	177 of 214
CONTRACT	PROJECT
R-41989	1802940

94+00



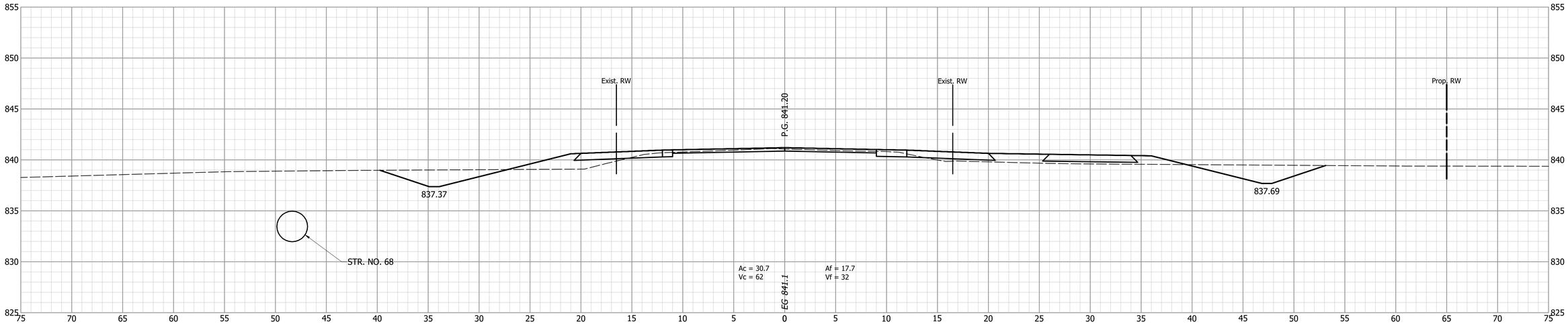
93+65.0



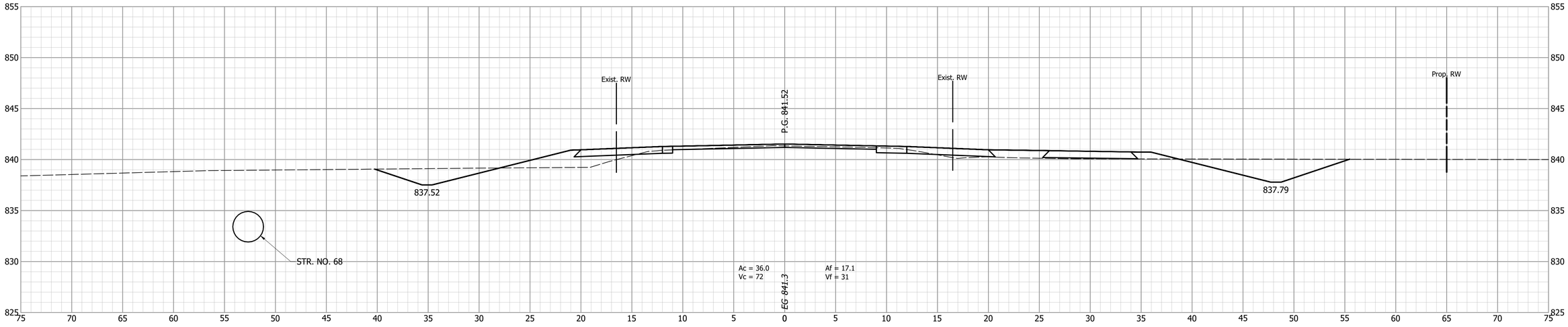
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE "A"
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	178 of 214
CONTRACT	PROJECT
R-41989	1802940

95+00

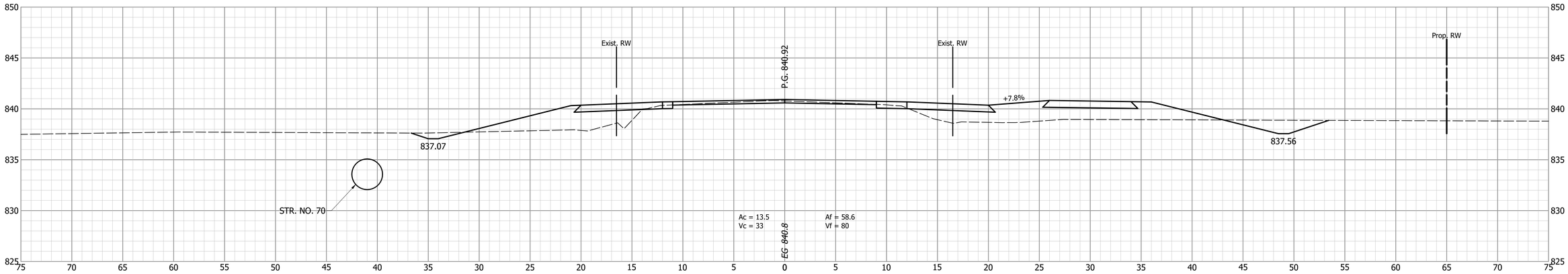


94+50

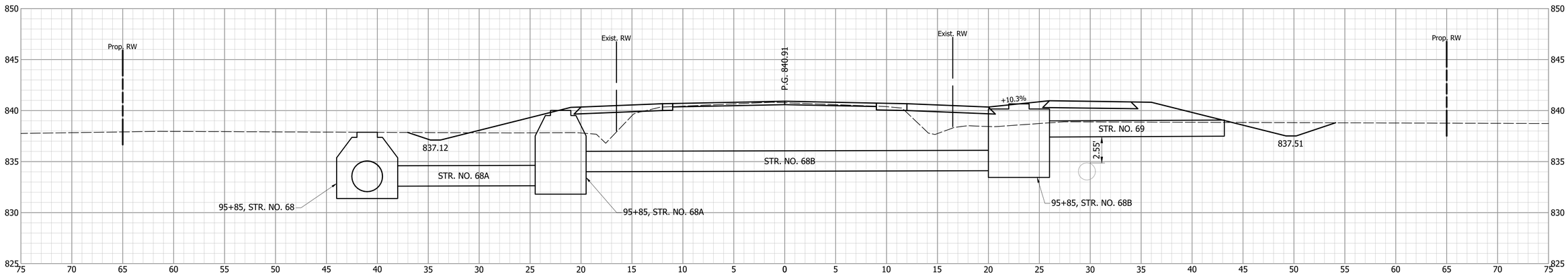


DESIGNED: PEC	DRAWN: PEC	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
CHECKED: GRW	CHECKED: GRW	CROSS SECTIONS LINE "A"	VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
			SURVEY BOOK: / SHEETS: 179 of 214
			CONTRACT: R-41989 / PROJECT: 1802940

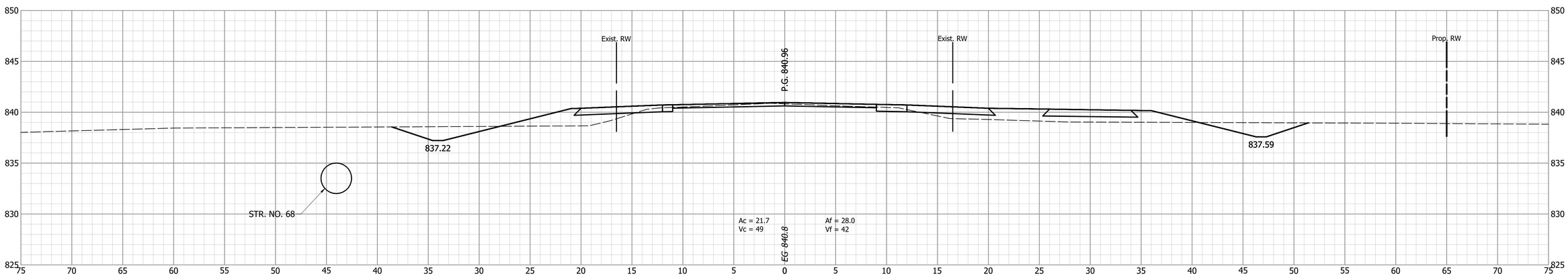
96+00



95+85



95+50



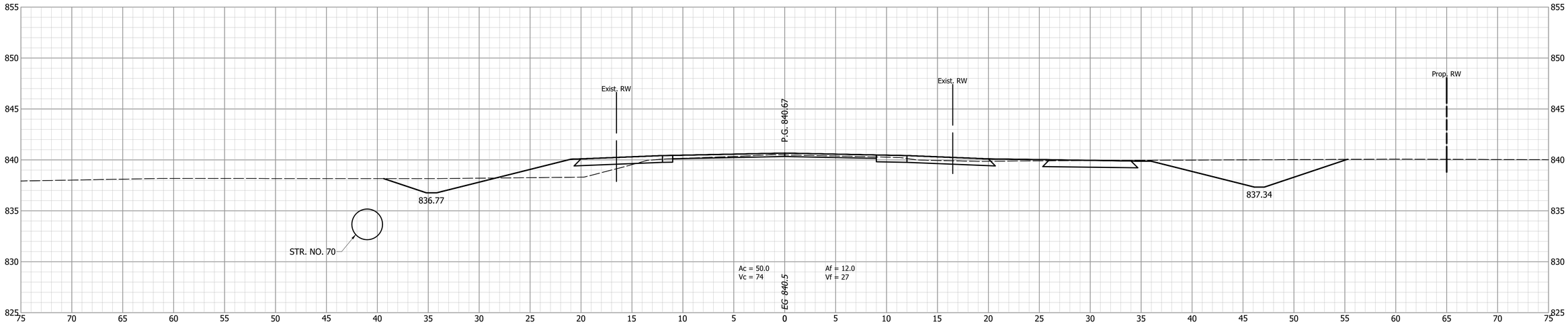
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A"

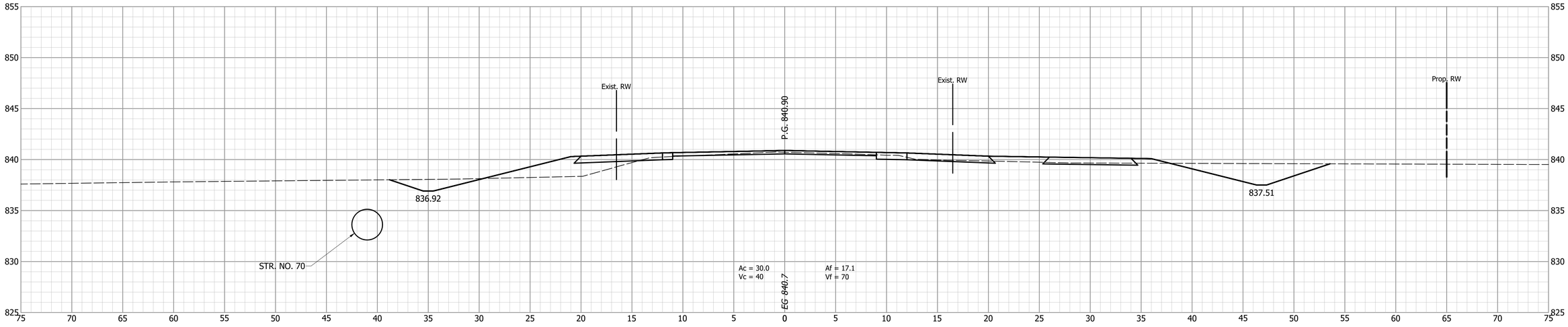
DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	180 of 214
CONTRACT	PROJECT
R-41989	1802940

97+00



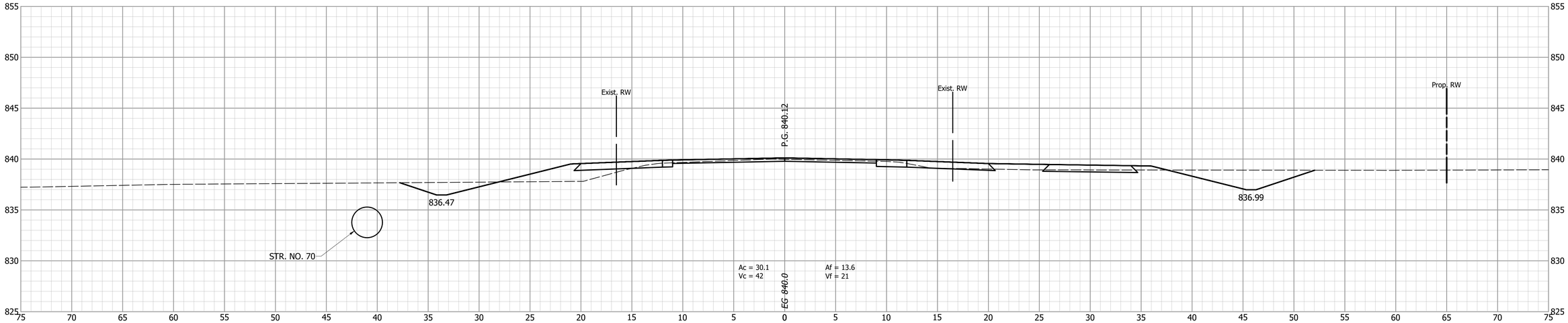
96+50



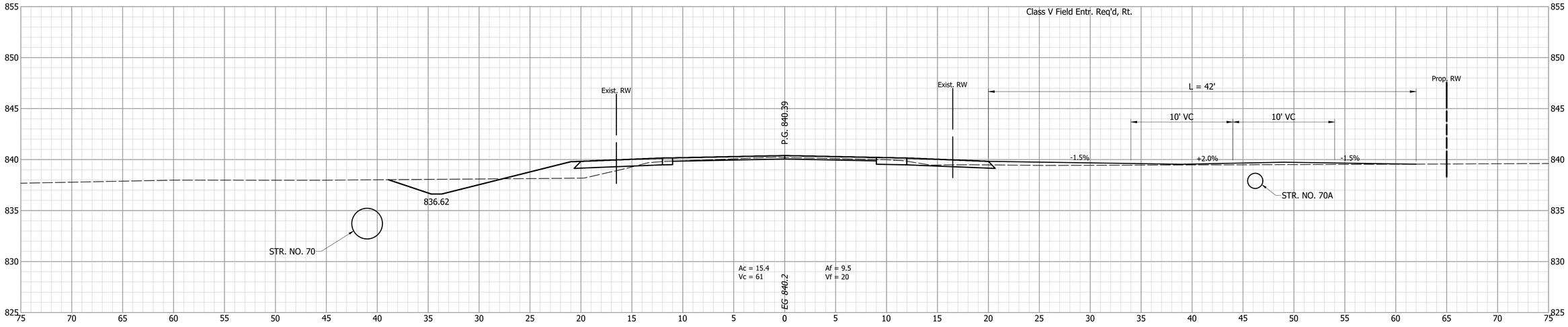
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE "A"
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	181 of 214
CONTRACT	PROJECT
R-41989	1802940

98+00



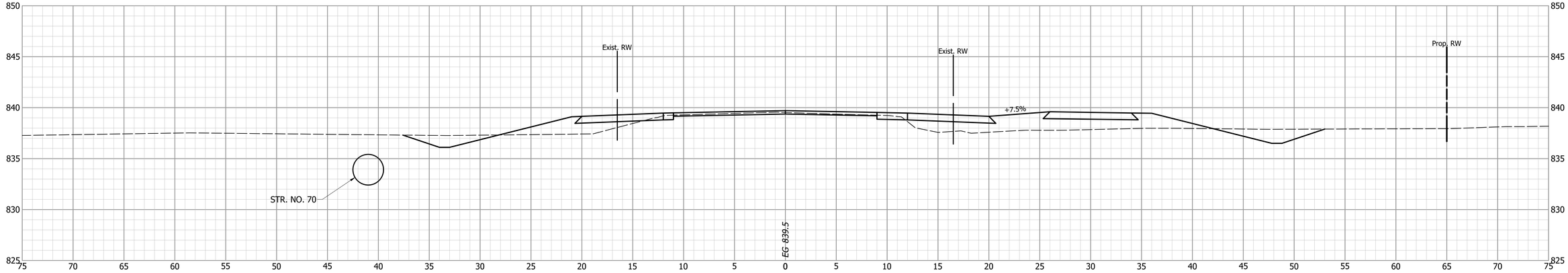
97+50



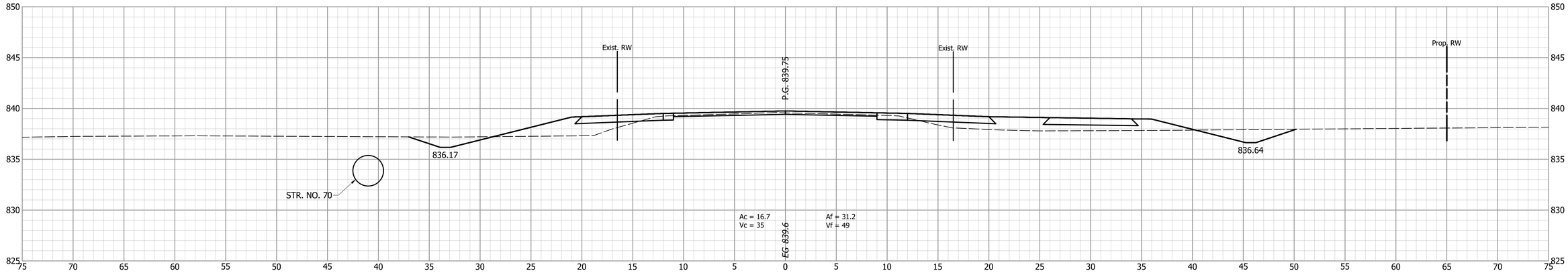
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE "A"
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	182 of 214
CONTRACT	PROJECT
R-41989	1802940

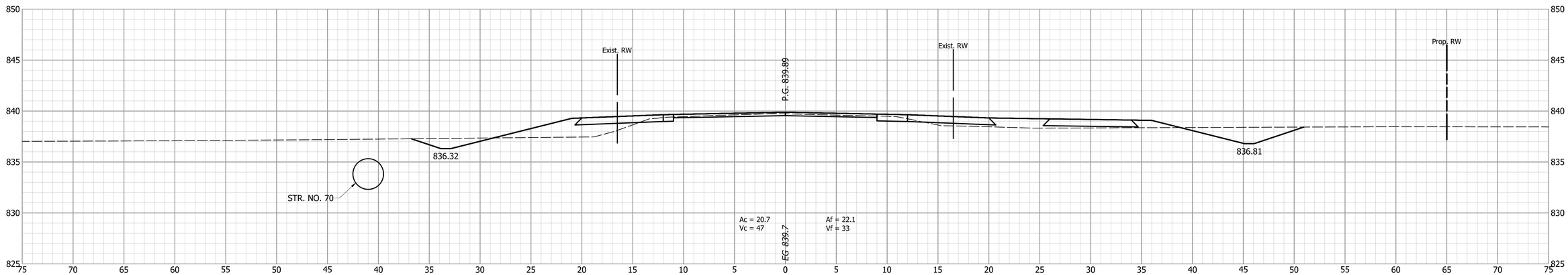
99+40



99+00

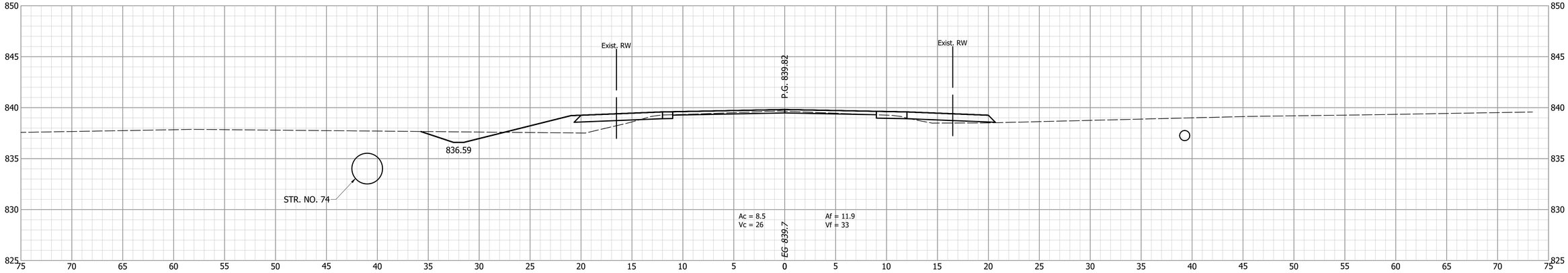


98+50

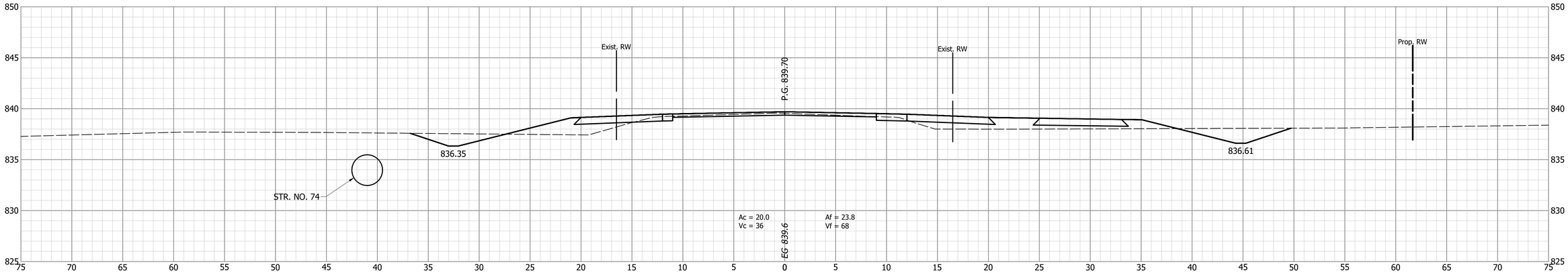


			INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / VERTICAL SCALE: 1" = 5' / BRIDGE FILE: / DESIGNATION: 1802940
		DESIGNED: PEC / CHECKED: GRW	DRAWN: PEC / CHECKED: GRW	CROSS SECTIONS LINE "A"	SURVEY BOOK: / SHEETS: 183 of 214 / CONTRACT: R-41989 / PROJECT: 1802940

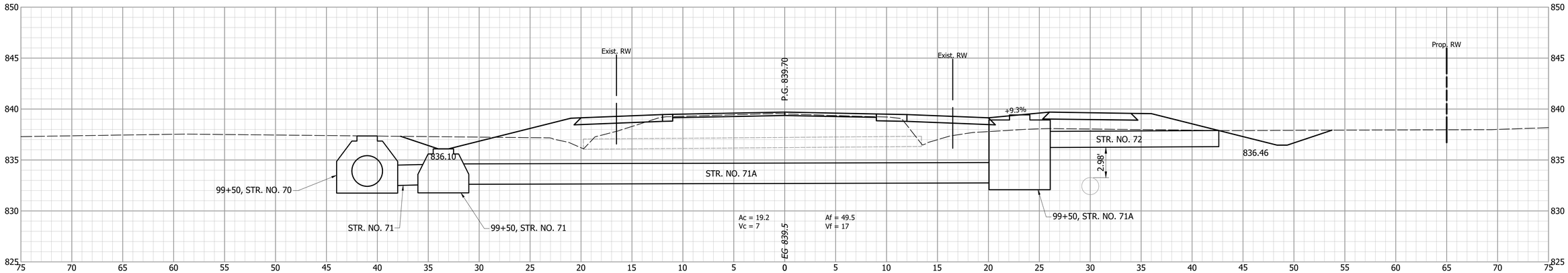
100+50



100+00



99+50



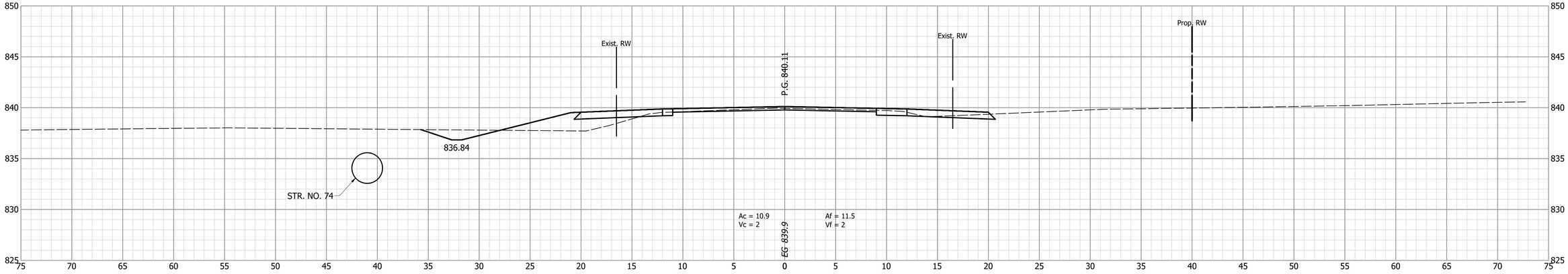
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A"

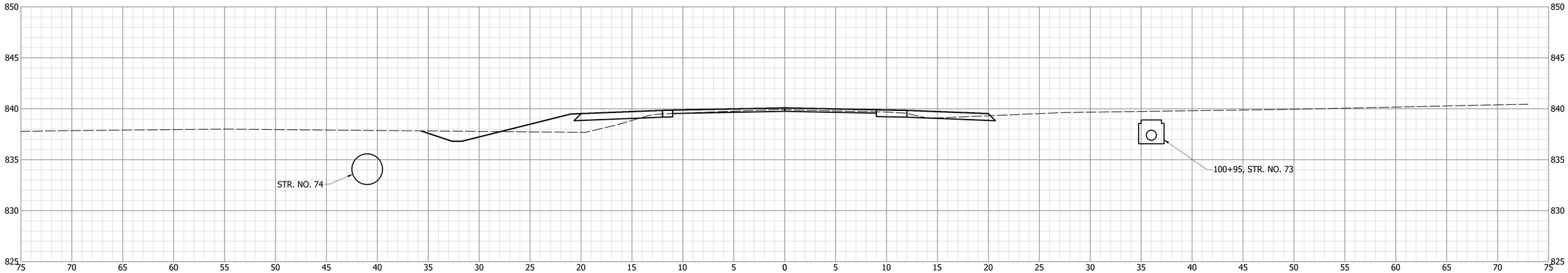
DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	184 of 214
CONTRACT	PROJECT
R-41989	1802940

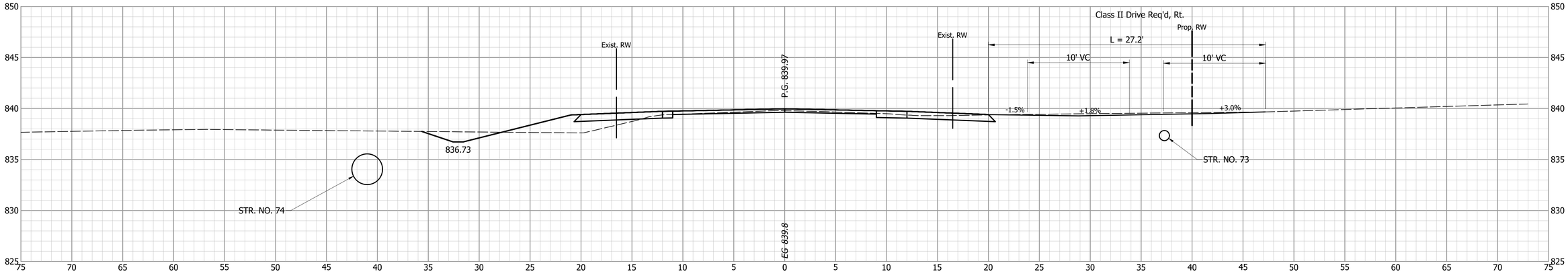
101+00



100+95



100+77.4



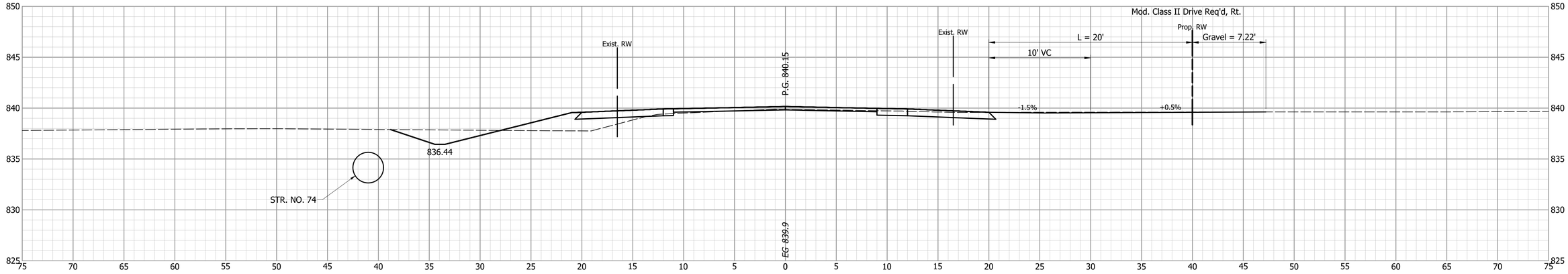
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A"

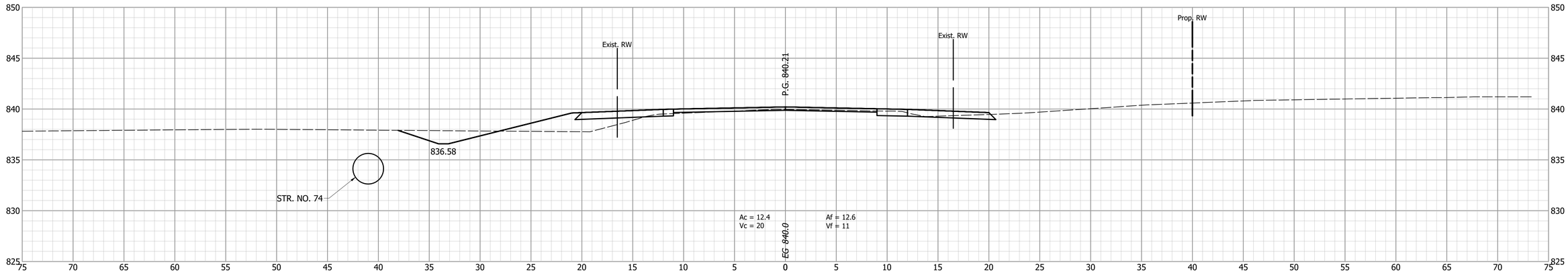
DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	185 of 214
CONTRACT	PROJECT
R-41989	1802940

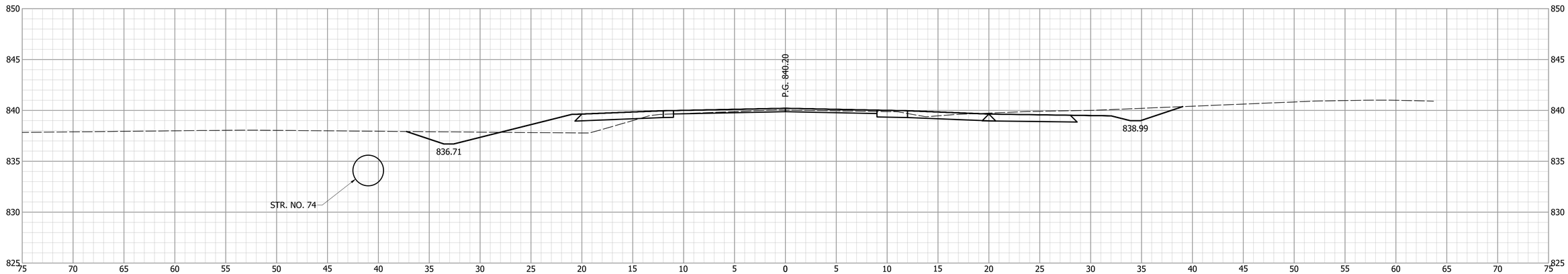
101+77.2



101+50

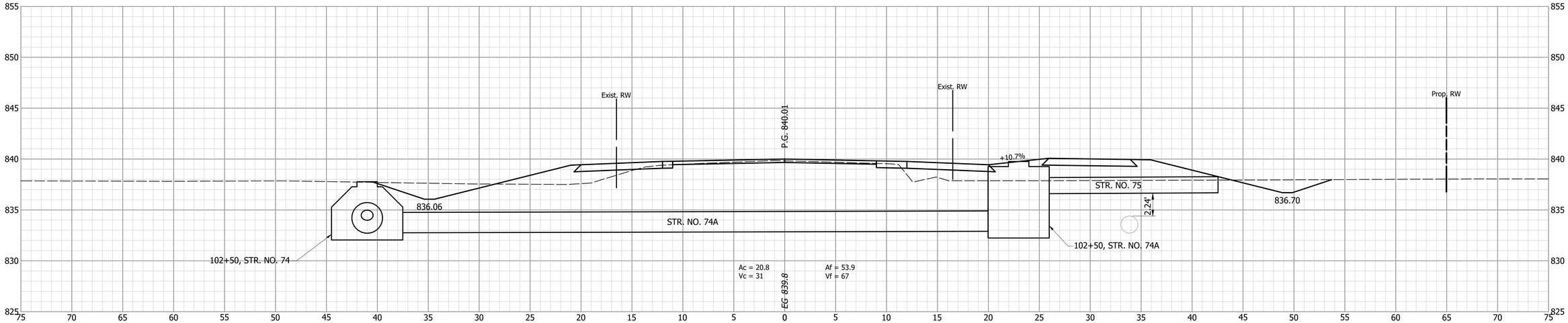


101+25

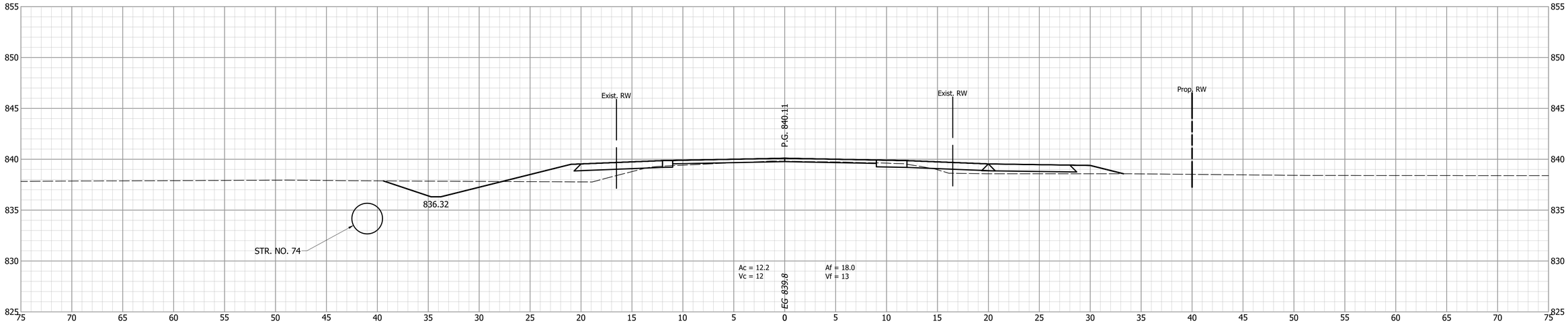


		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
	DESIGNED: PEC / DRAWN: PEC	CROSS SECTIONS LINE "A"	VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
	CHECKED: GRW / CHECKED: GRW		SURVEY BOOK: / SHEETS: 186 of 214
			CONTRACT: R-41989 / PROJECT: 1802940

102+50



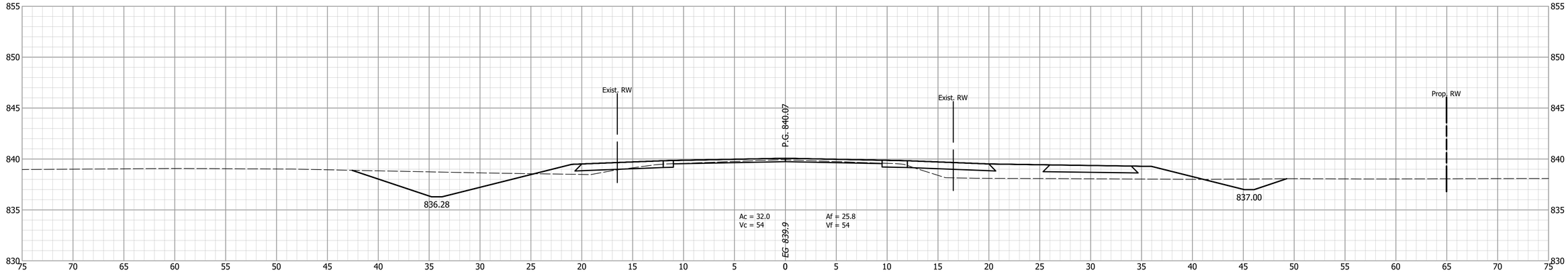
102+00



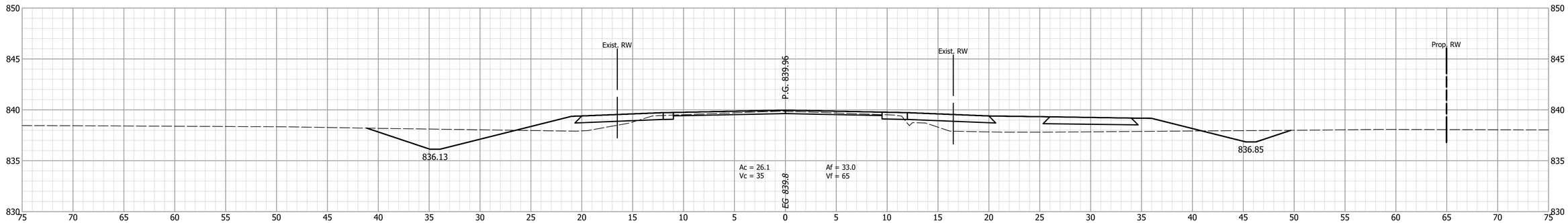
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE "A"
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	187 of 214
CONTRACT	PROJECT
R-41989	1802940

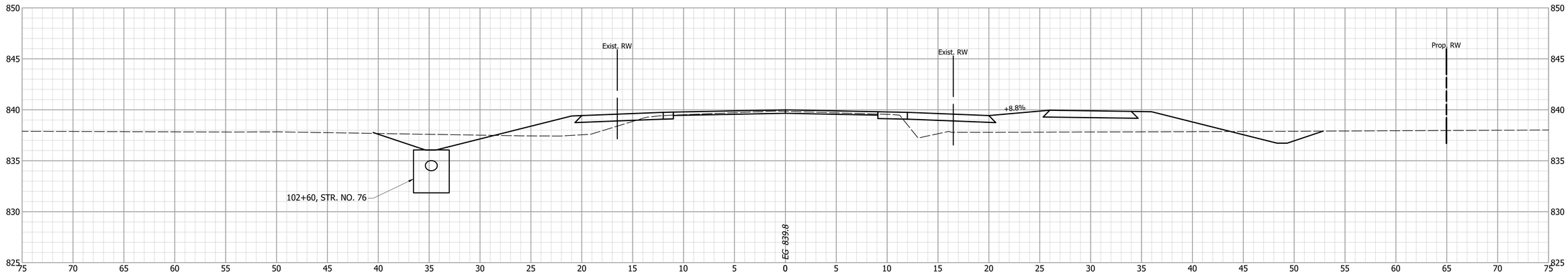
103+50



103+00

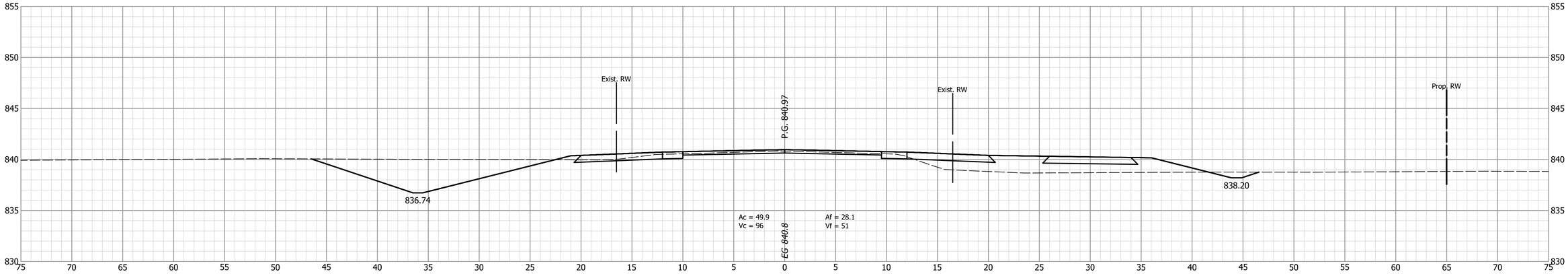


102+60

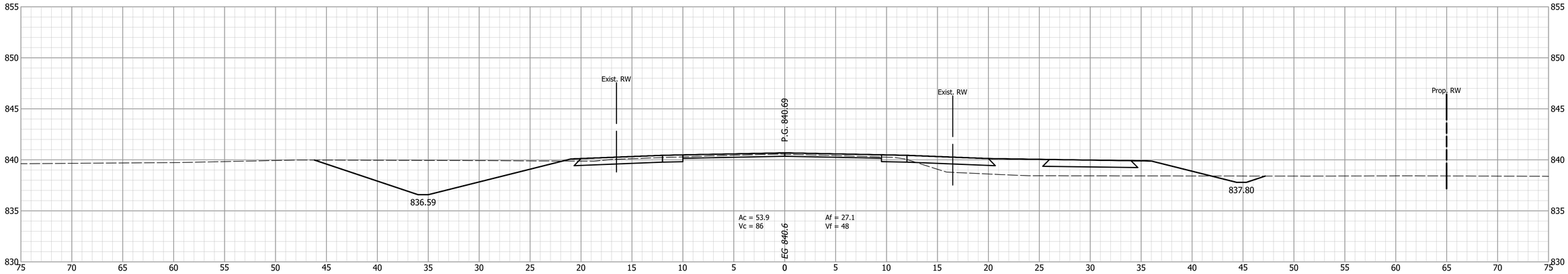


			INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
				VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
		DESIGNED: PEC / DRAWN: PEC	CROSS SECTIONS LINE "A"	SURVEY BOOK: / SHEETS: 188 of 214
		CHECKED: GRW / CHECKED: GRW		CONTRACT: R-41989 / PROJECT: 1802940

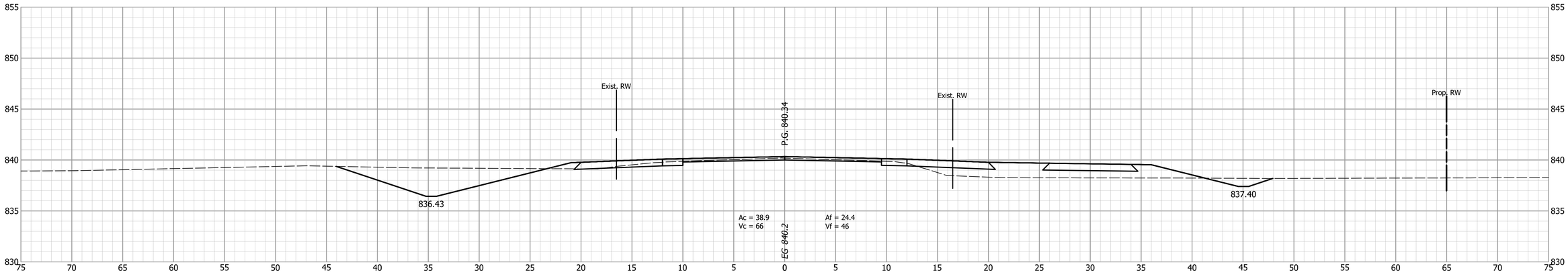
105+00



104+50



104+00



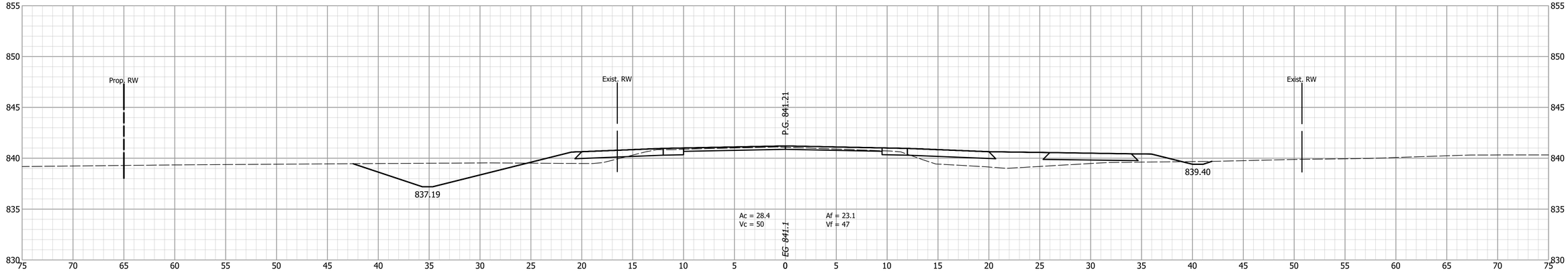
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A"

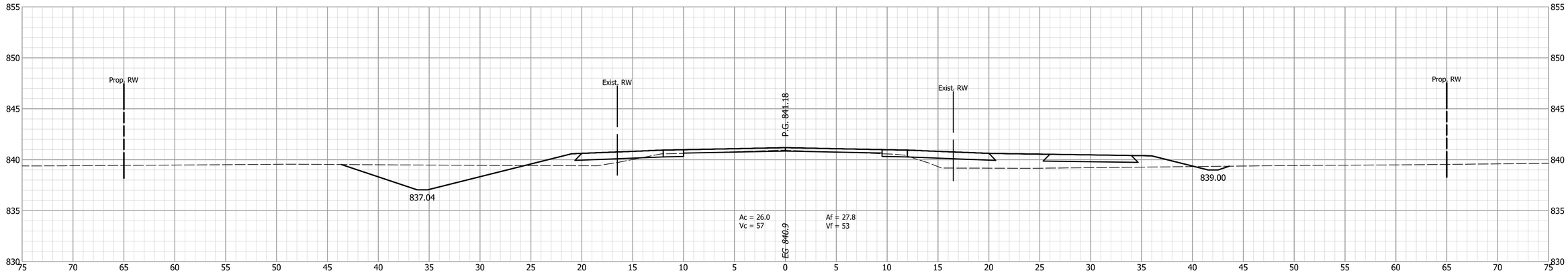
DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	189 of 214
CONTRACT	PROJECT
R-41989	1802940

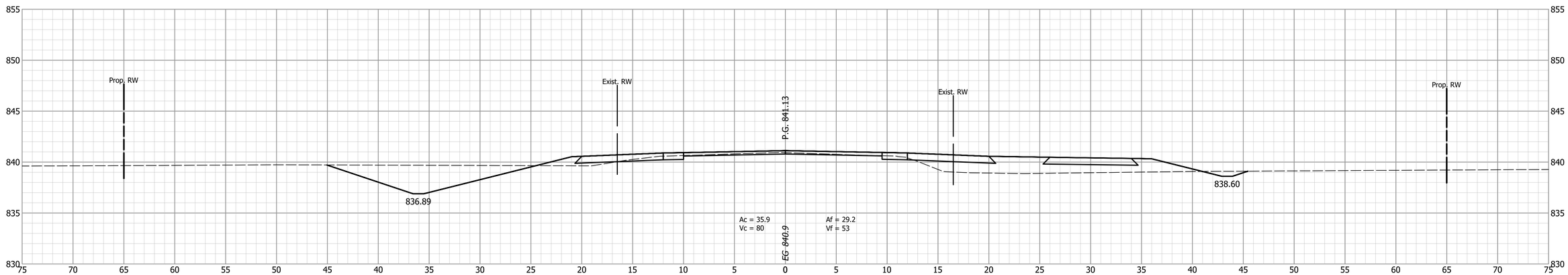
106+50



106+00



105+50

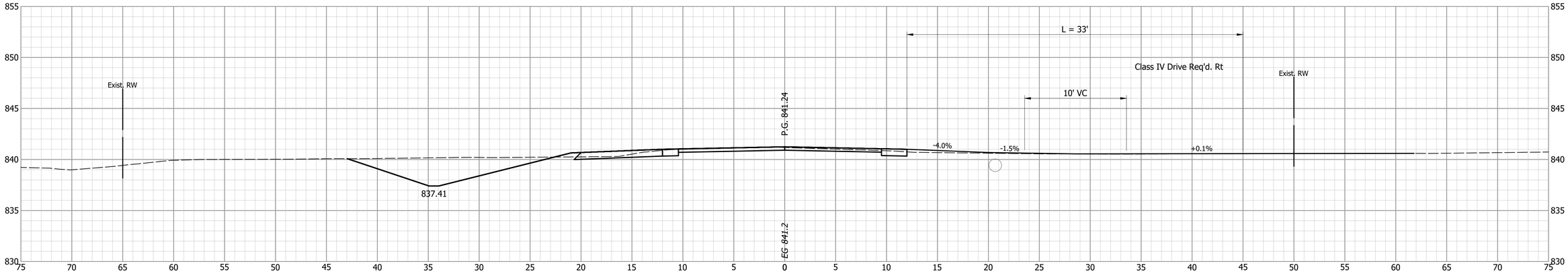


			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE "A"
CHECKED: GRW	CHECKED: GRW		

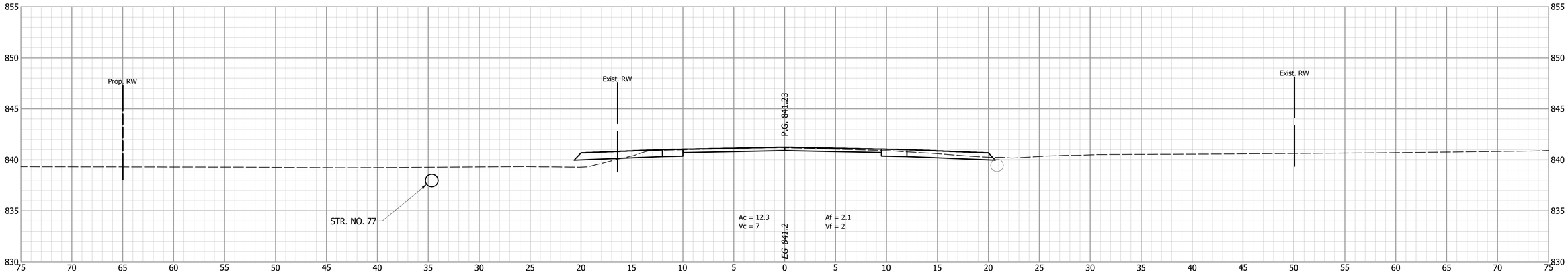
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940

SURVEY BOOK	SHEETS
	190 of 214
CONTRACT	PROJECT
R-41989	1802940

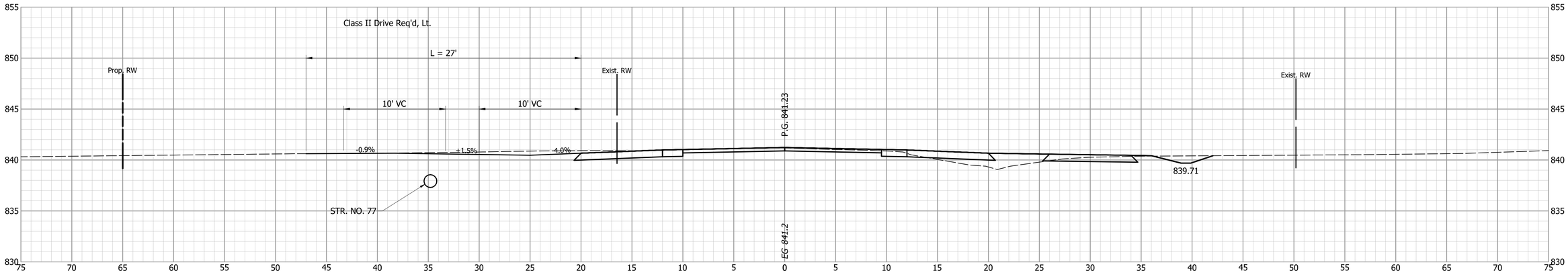
107+21.6



107+00



106+88.4



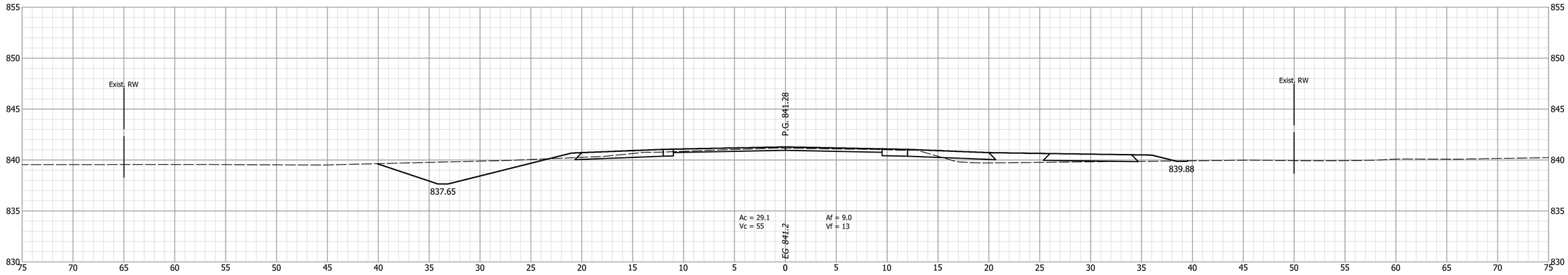
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A"

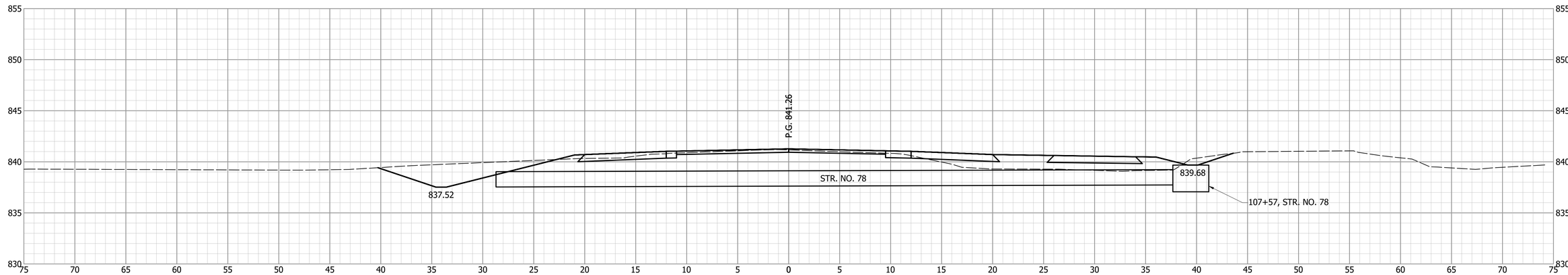
DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	191 of 214
CONTRACT	PROJECT
R-41989	1802940

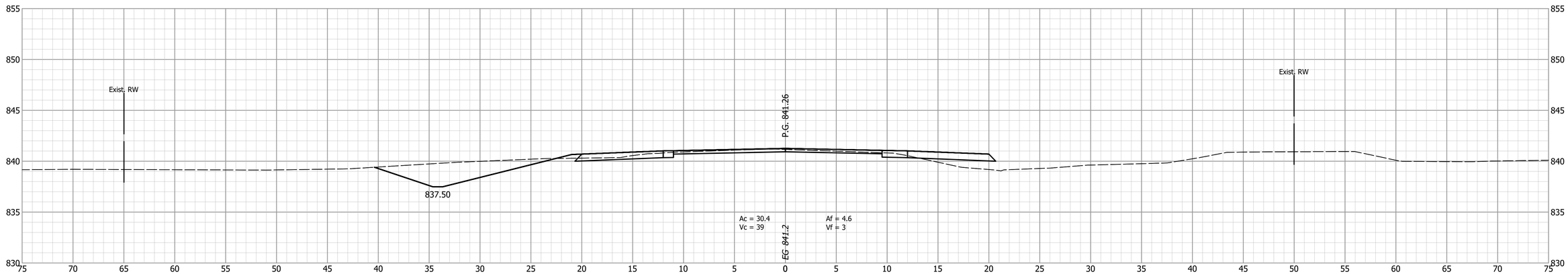
108+00



107+57



107+50



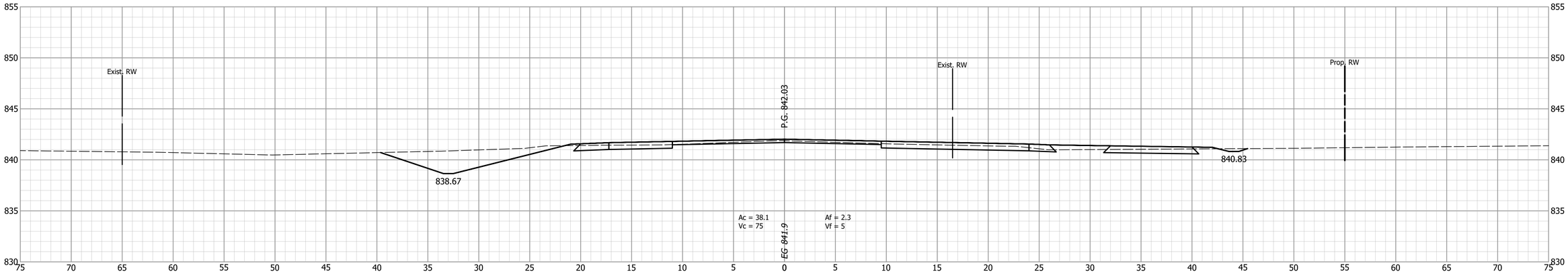
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A"

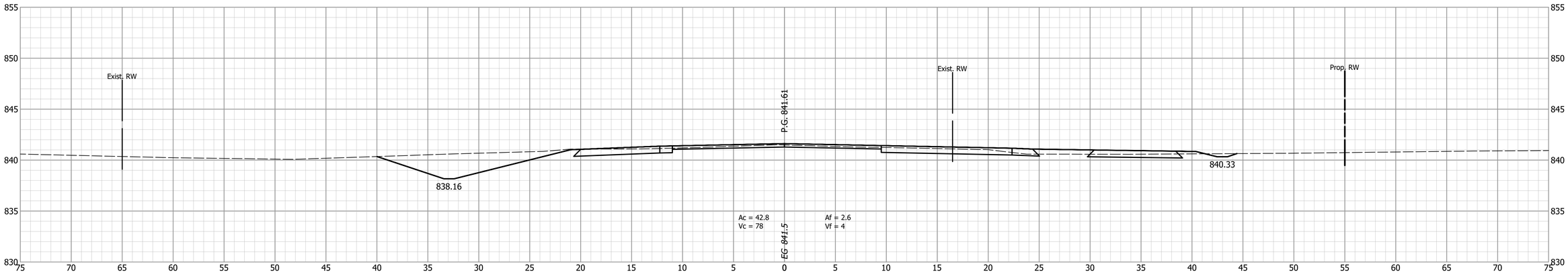
DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	192 of 214
CONTRACT	PROJECT
R-41989	1802940

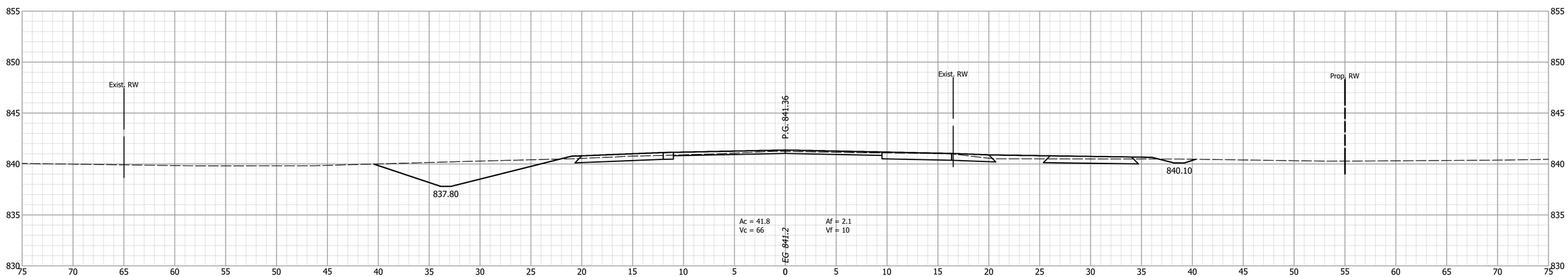
109+50



109+00

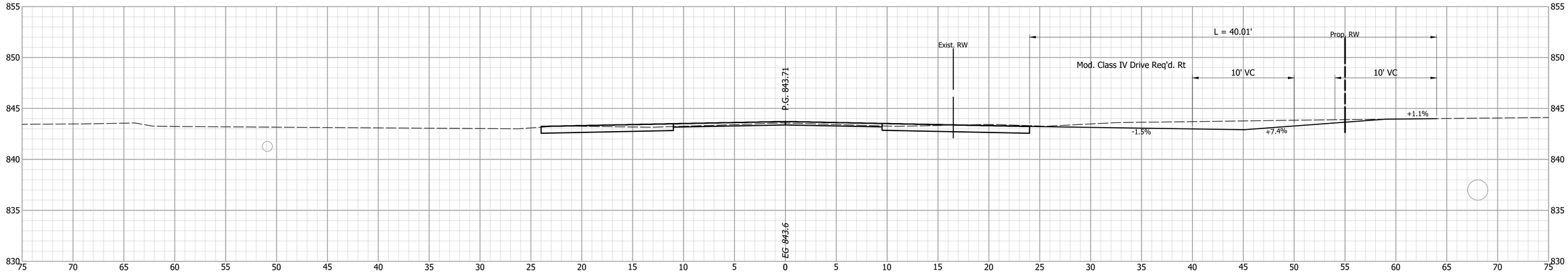


108+50

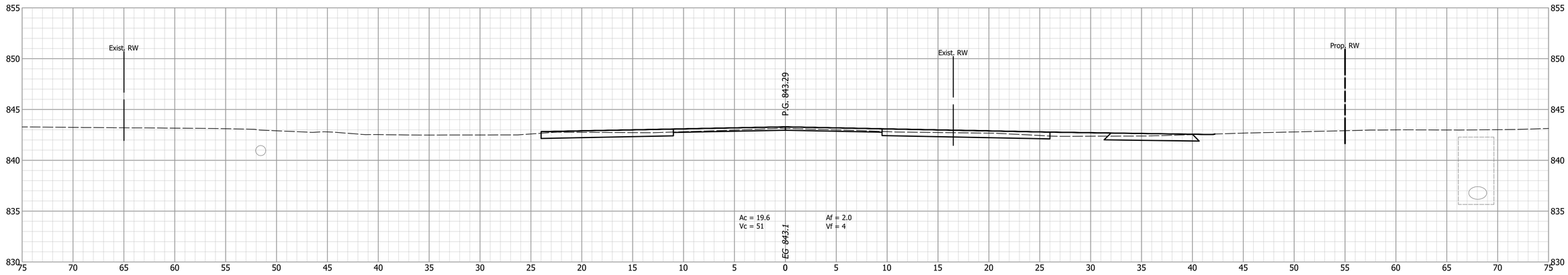


		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
DESIGNED: PEC	DRAWN: PEC	CROSS SECTIONS LINE "A"	VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
CHECKED: GRW	CHECKED: GRW		SURVEY BOOK: / SHEETS: 193 of 214
			CONTRACT: R-41989 / PROJECT: 1802940

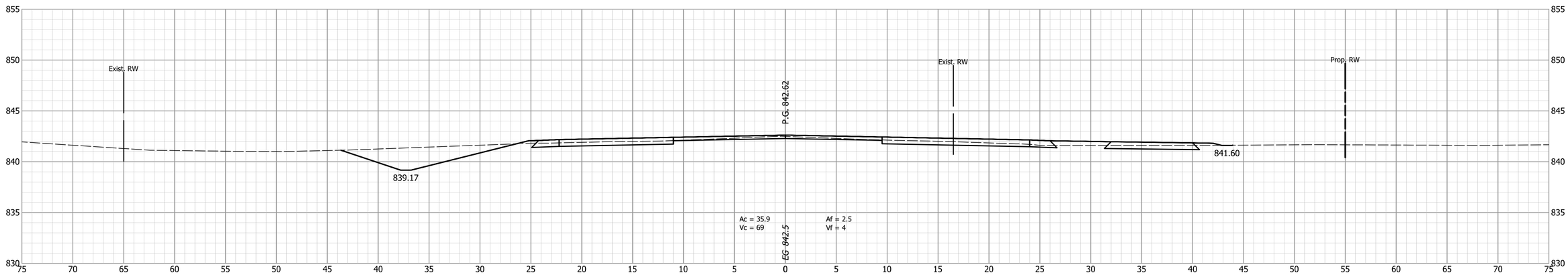
110+81.2



110+50

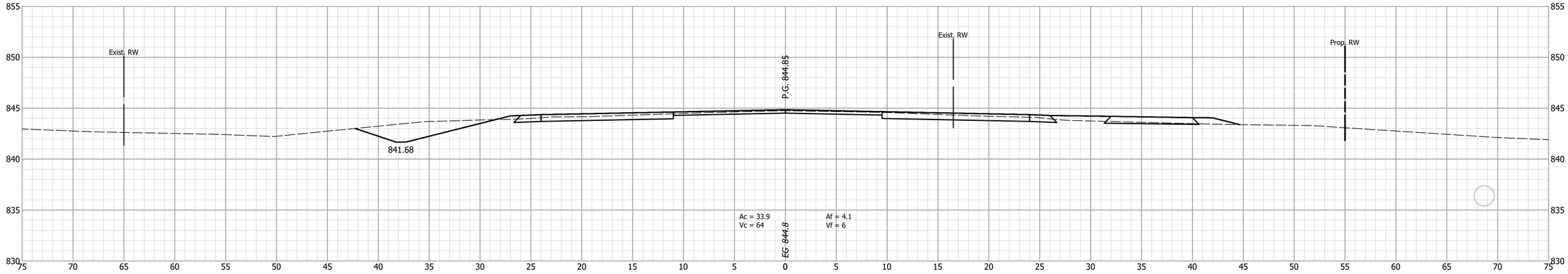


110+00

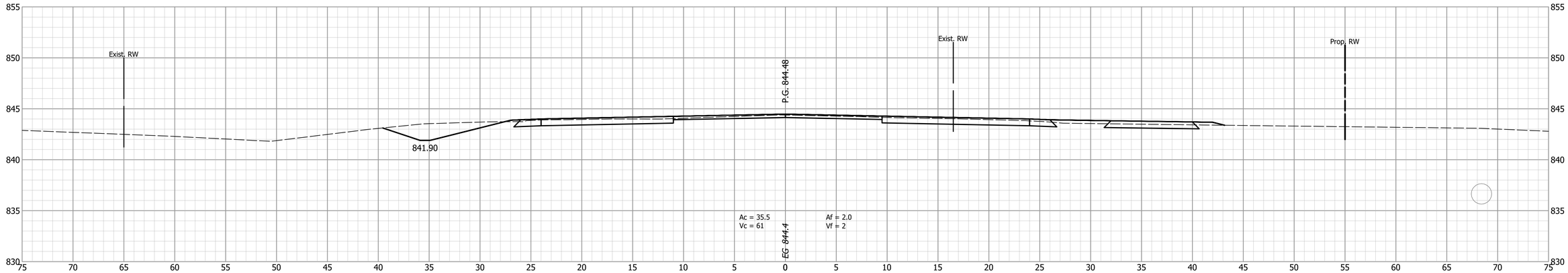


				INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / VERTICAL SCALE: 1" = 5' / BRIDGE FILE: / DESIGNATION: 1802940
		DESIGNED: PEC	DRAWN: PEC	CROSS SECTIONS LINE "A"	SURVEY BOOK: / SHEETS: 194 of 214
		CHECKED: GRW	CHECKED: GRW		CONTRACT: R-41989 / PROJECT: 1802940

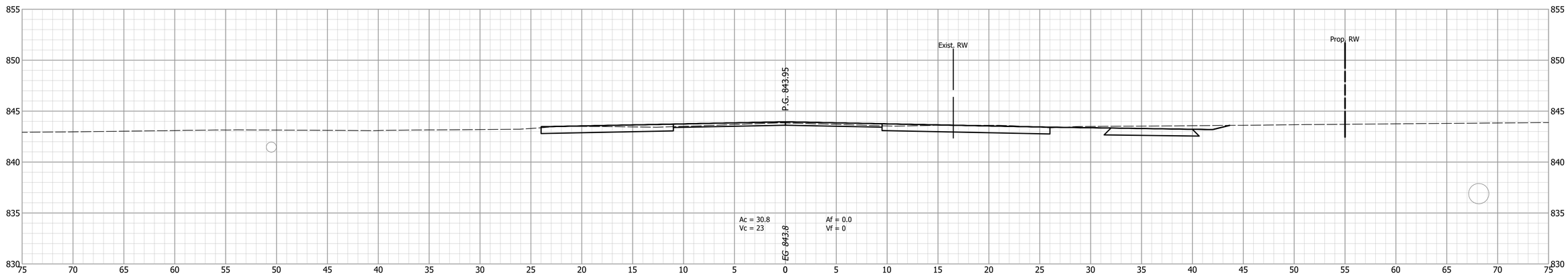
112+00



111+50



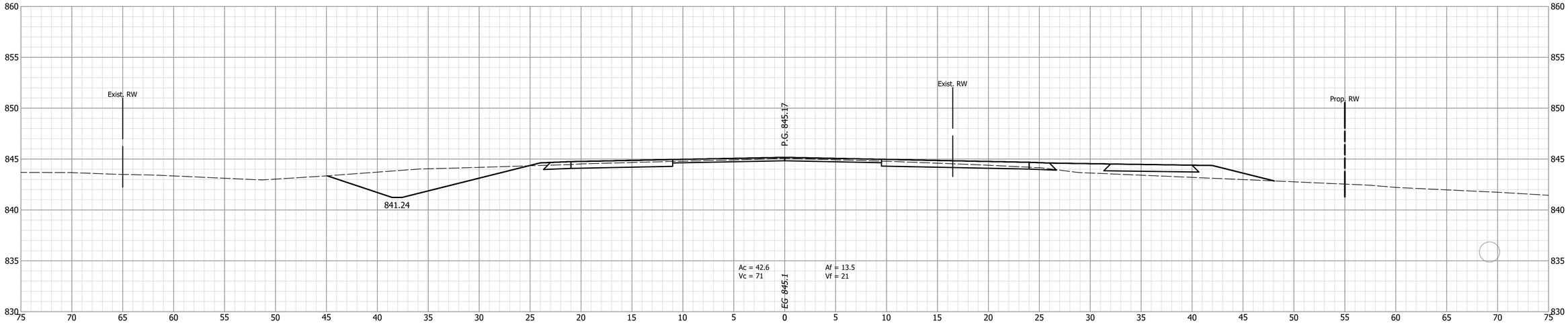
111+00



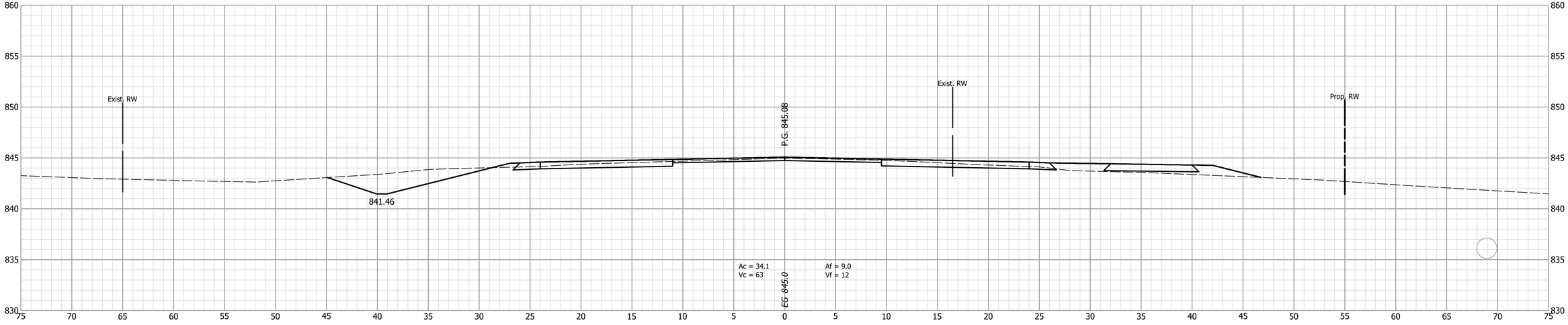
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE "A"
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	195 of 214
CONTRACT	PROJECT
R-41989	1802940

113+00



112+50



INDIANA
DEPARTMENT OF TRANSPORTATION

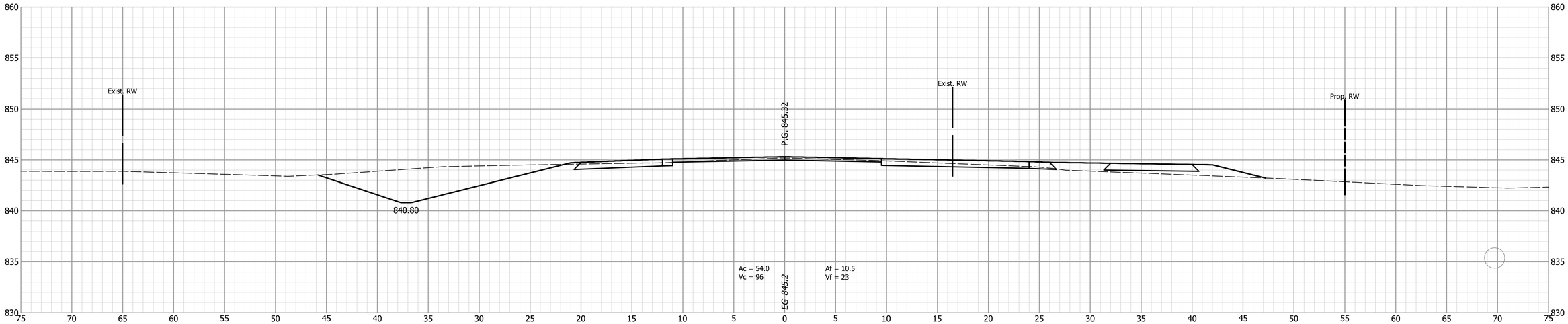
CROSS SECTIONS
LINE "A"

DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

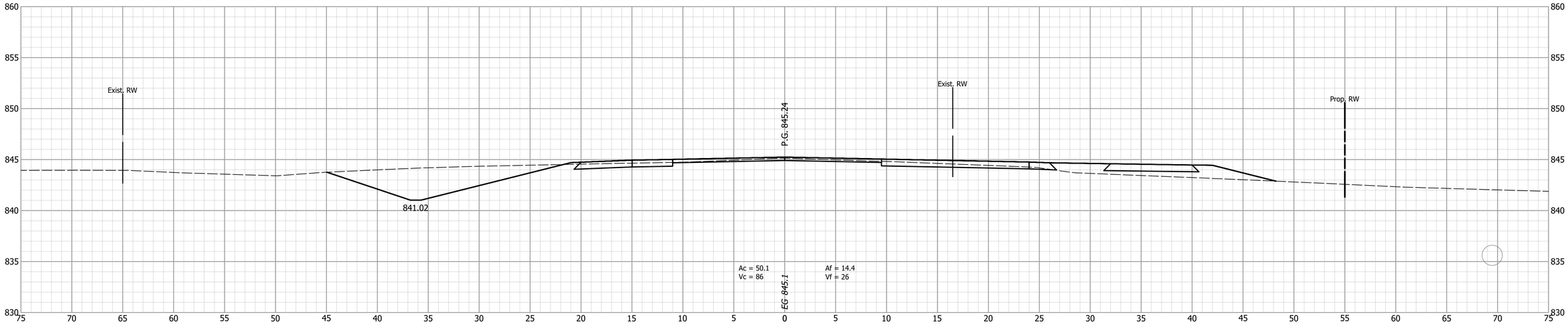
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940

SURVEY BOOK	SHEETS		
	196	of	214
CONTRACT	PROJECT		
R-41989	1802940		

114+00



113+50



INDIANA
DEPARTMENT OF TRANSPORTATION

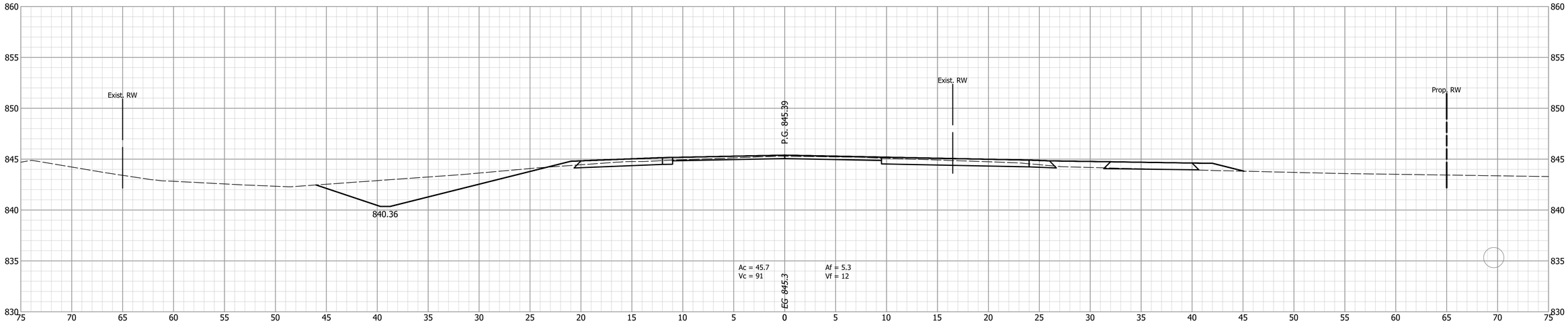
CROSS SECTIONS
LINE "A"

DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

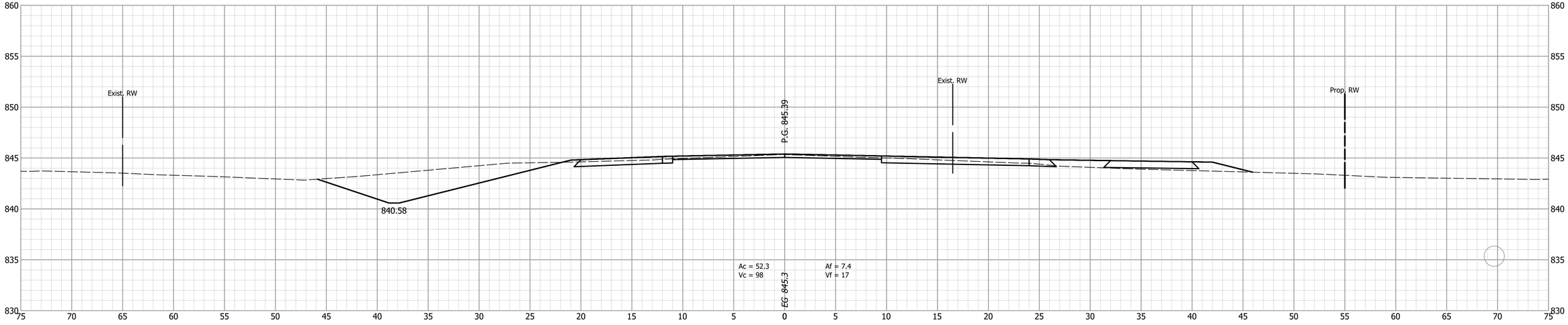
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940

SURVEY BOOK	SHEETS
	197 of 214
CONTRACT	PROJECT
R-41989	1802940

115+00



114+50



INDIANA
DEPARTMENT OF TRANSPORTATION

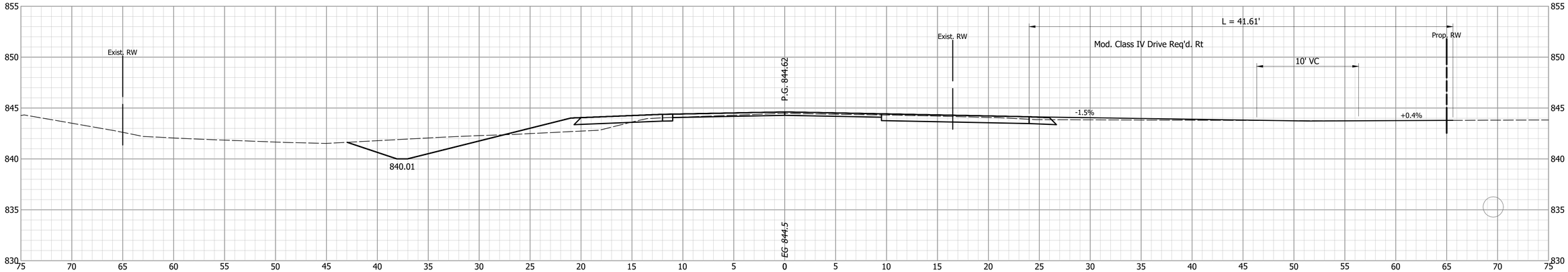
DESIGNED: PEC | DRAWN: PEC
CHECKED: GRW | CHECKED: GRW

CROSS SECTIONS
LINE "A"

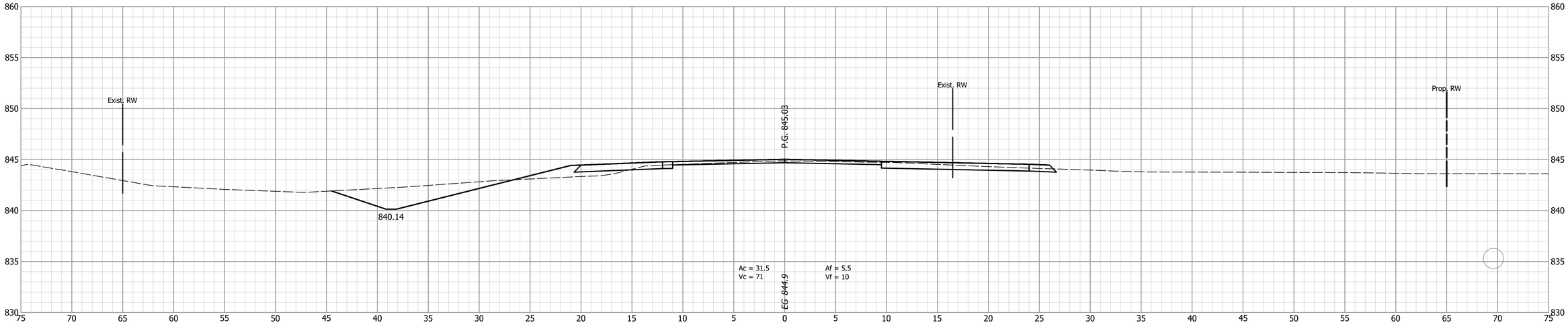
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940

SURVEY BOOK	SHEETS
	198 of 214
CONTRACT	PROJECT
R-41989	1802940

115+80.2



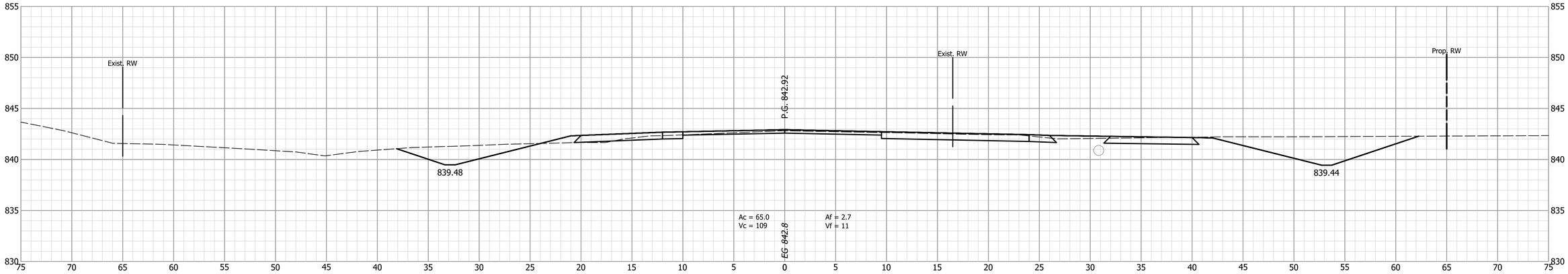
115+50



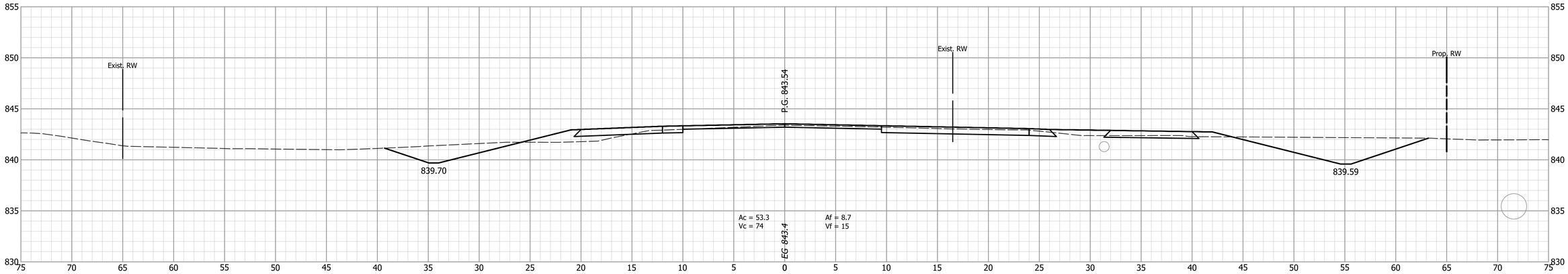
			INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC		CROSS SECTIONS LINE "A"
CHECKED: GRW	CHECKED: GRW		

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	199 of 214
CONTRACT	PROJECT
R-41989	1802940

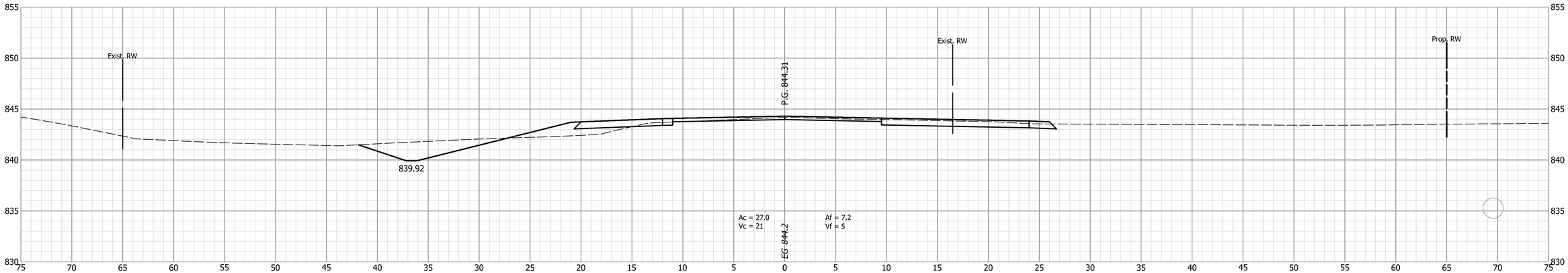
117+00



116+50

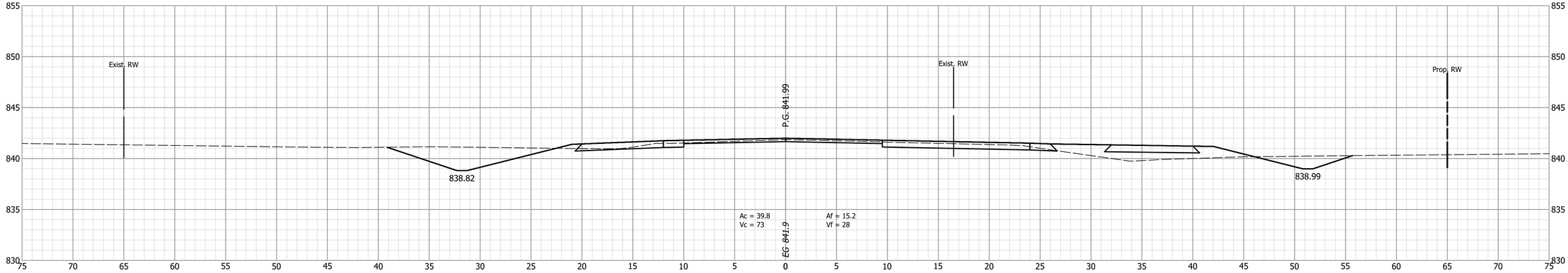


116+00

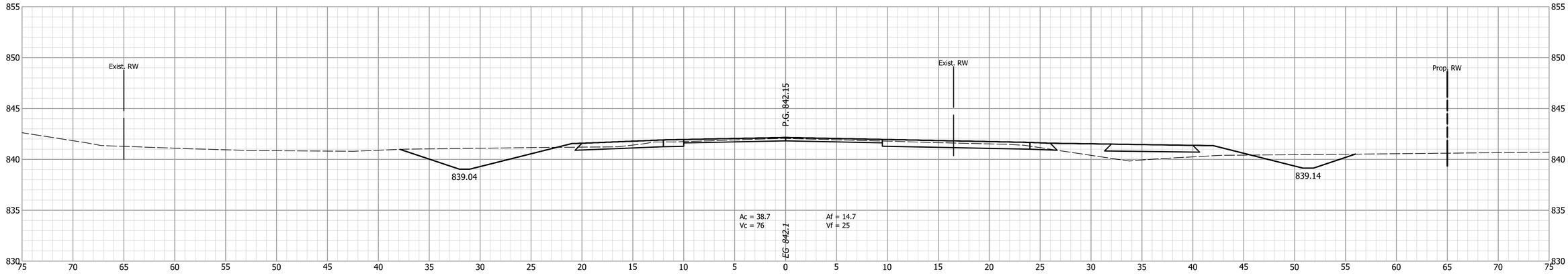


			INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / VERTICAL SCALE: 1" = 5' / BRIDGE FILE: / DESIGNATION: 1802940
		DESIGNED: PEC / CHECKED: GRW	DRAWN: PEC / CHECKED: GRW	CROSS SECTIONS LINE "A"	SURVEY BOOK: / SHEETS: 200 of 214 / CONTRACT: R-41989 / PROJECT: 1802940

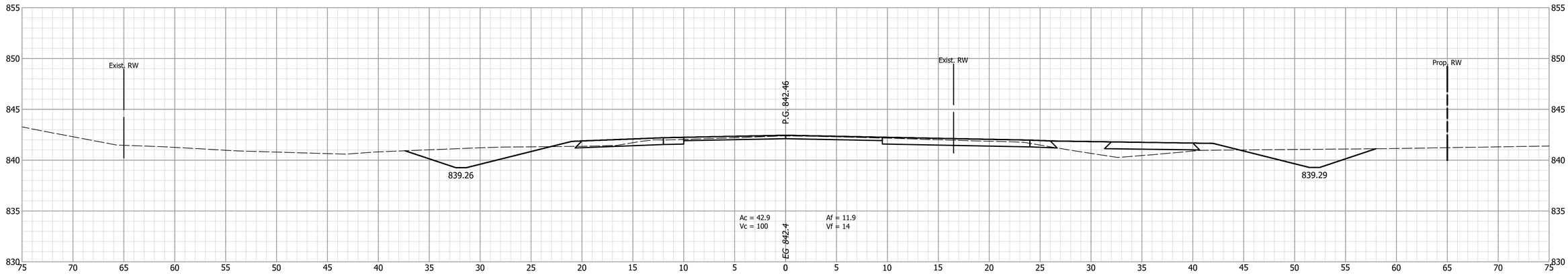
118+50



118+00



117+50



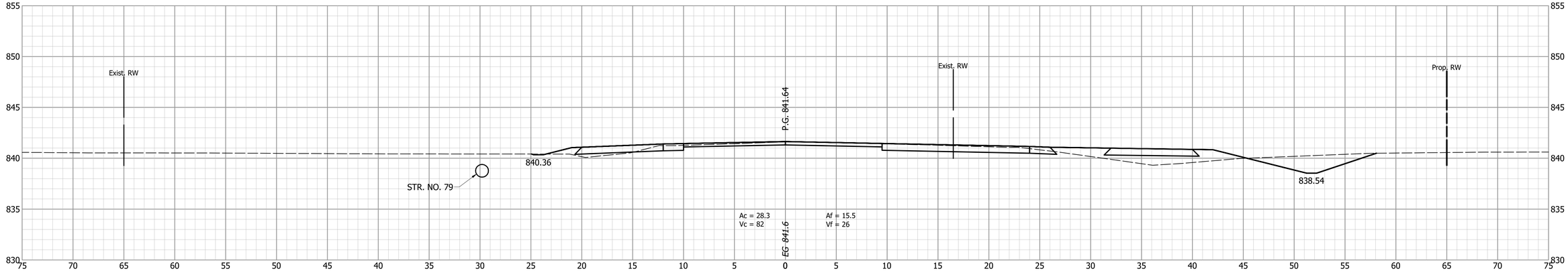
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A"

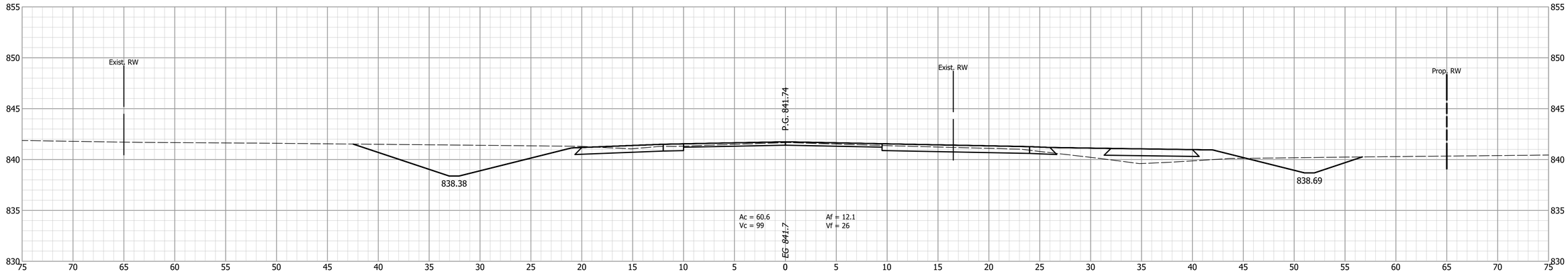
DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	201 of 214
CONTRACT	PROJECT
R-41989	1802940

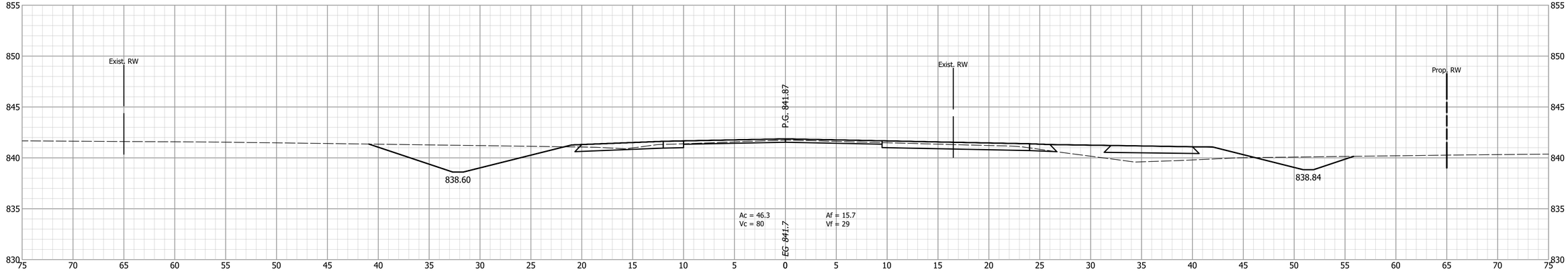
120+00



119+50



119+00



INDIANA
DEPARTMENT OF TRANSPORTATION

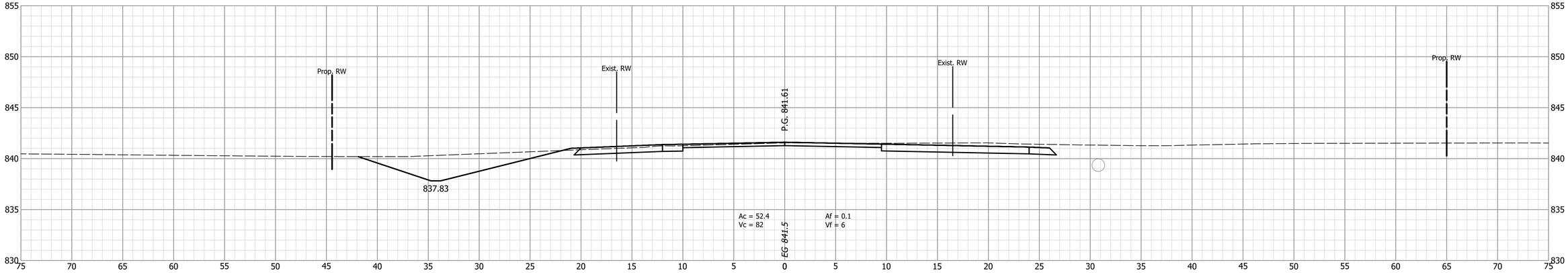
CROSS SECTIONS
LINE "A"

DESIGNED: PEC
DRAWN: PEC
CHECKED: GRW
CHECKED: GRW

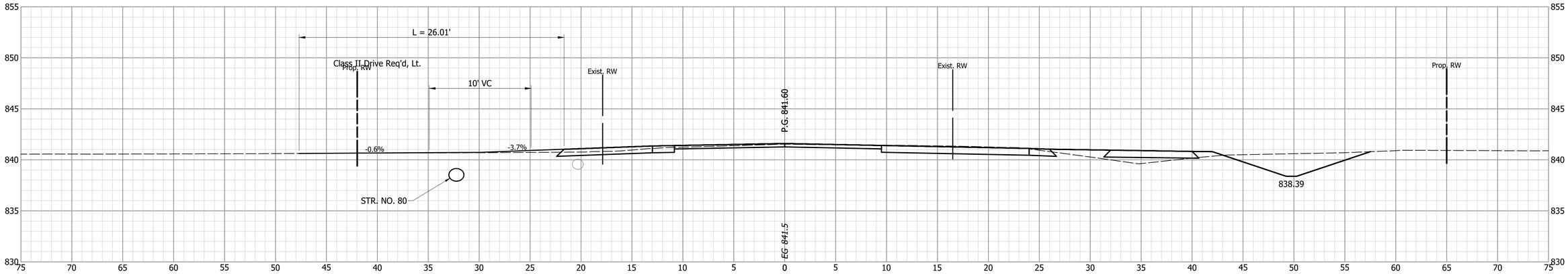
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940

SURVEY BOOK	SHEETS
	202 of 214
CONTRACT	PROJECT
R-41989	1802940

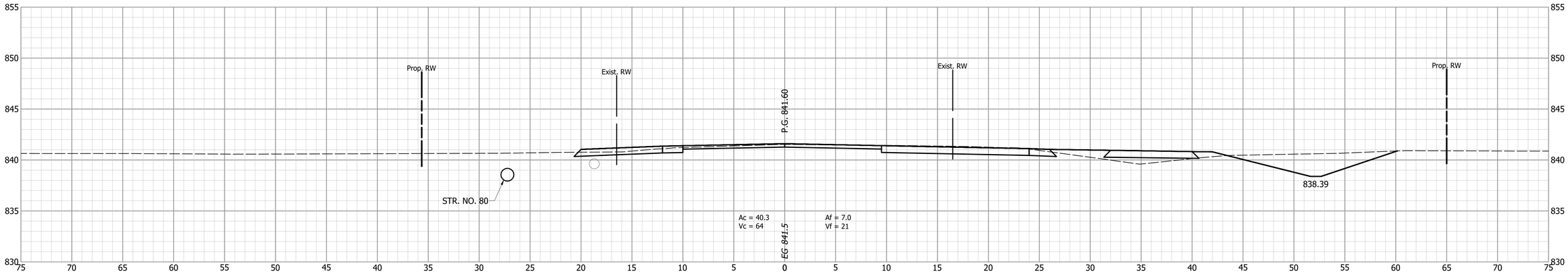
121+00



120+51.5

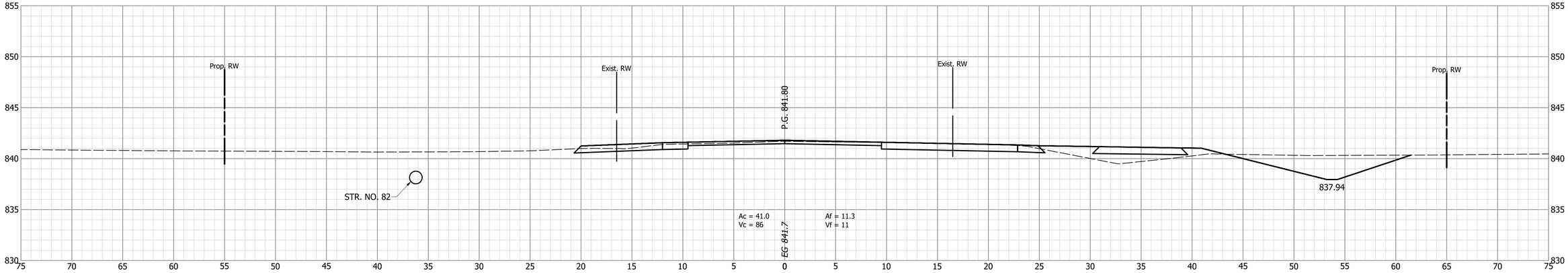


120+50

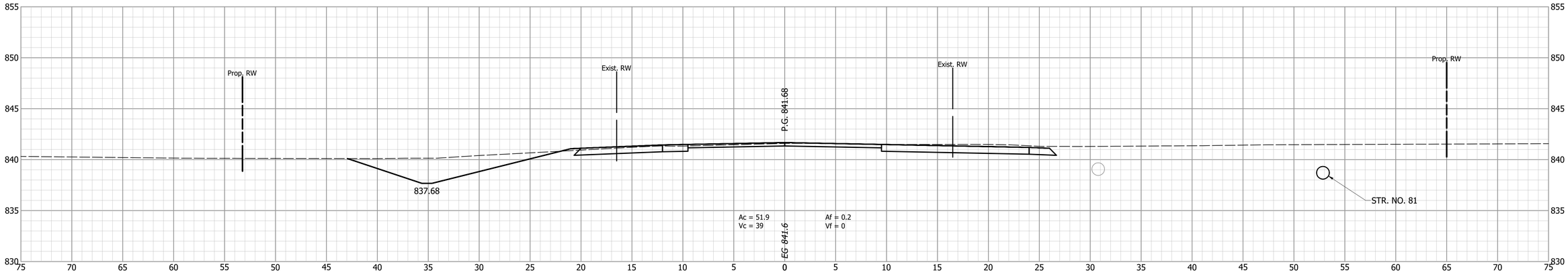


		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
			VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
DESIGNED: PEC	DRAWN: PEC	CROSS SECTIONS LINE "A"	SURVEY BOOK / SHEETS: 203 of 214
CHECKED: GRW	CHECKED: GRW		CONTRACT: R-41989 / PROJECT: 1802940

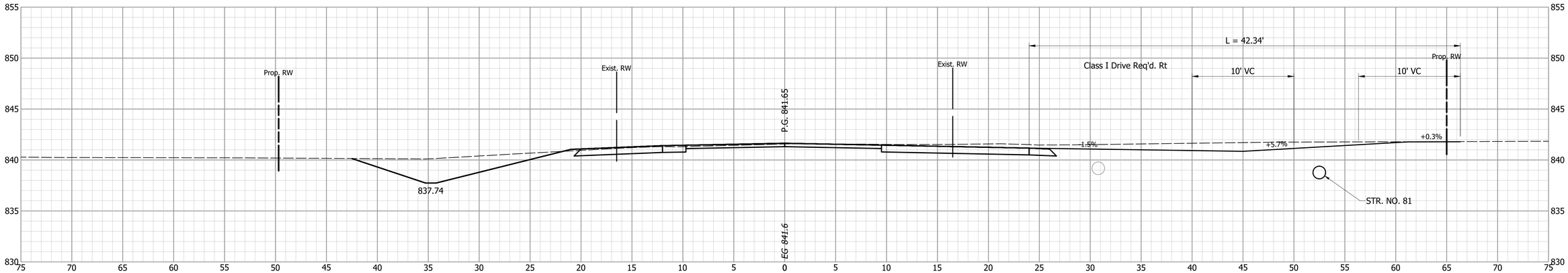
122+00



121+50

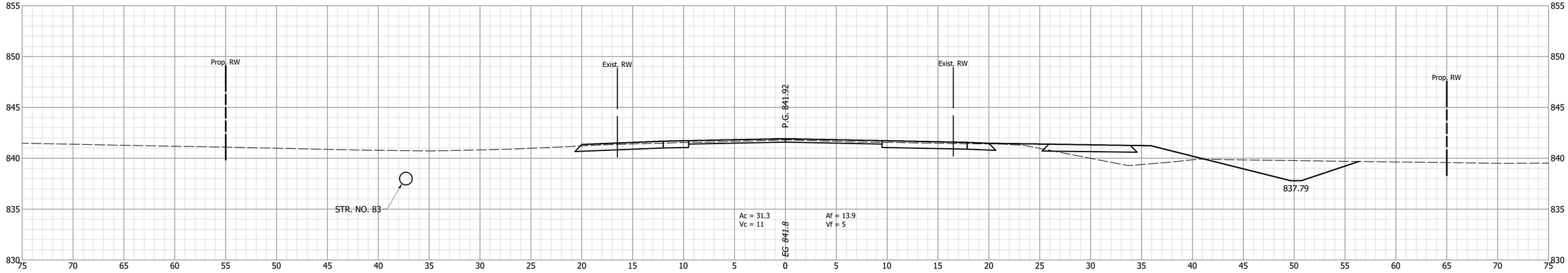


121+29.8

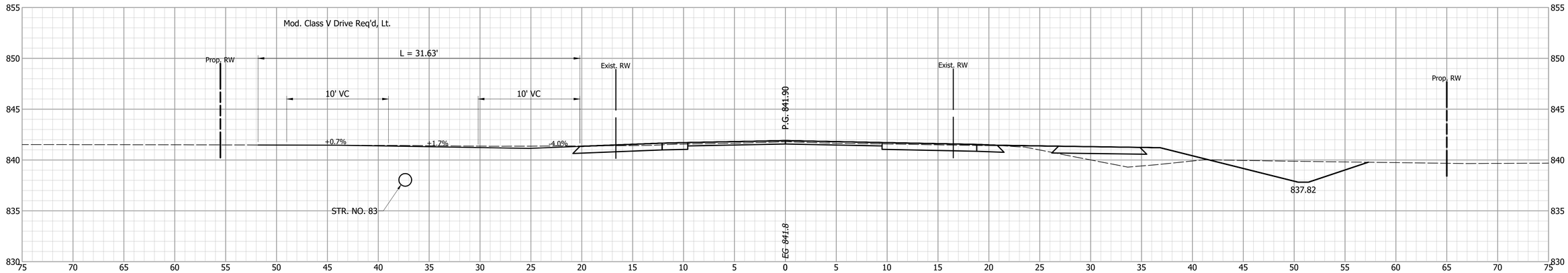


DESIGNED: PEC	DRAWN: PEC	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
CHECKED: GRW	CHECKED: GRW	CROSS SECTIONS LINE "A"	VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
			SURVEY BOOK / SHEETS: 204 of 214
			CONTRACT: R-41989 / PROJECT: 1802940

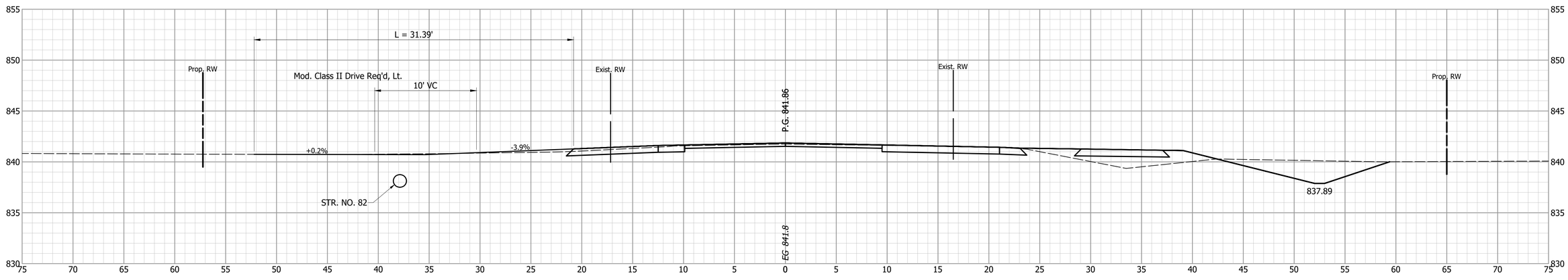
122+50



122+40.5



122+18.2



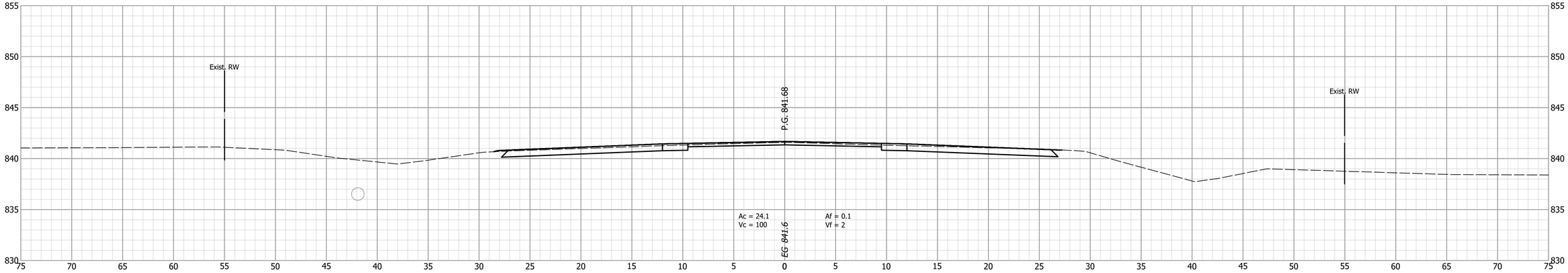
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A"

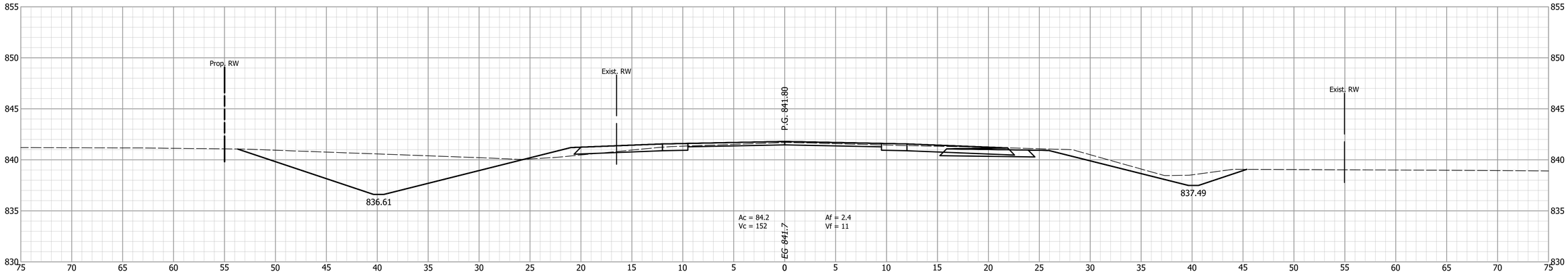
DESIGNED: PEC
DRAWN: PEC
CHECKED: GRW
CHECKED: GRW

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	205 of 214
CONTRACT	PROJECT
R-41989	1802940

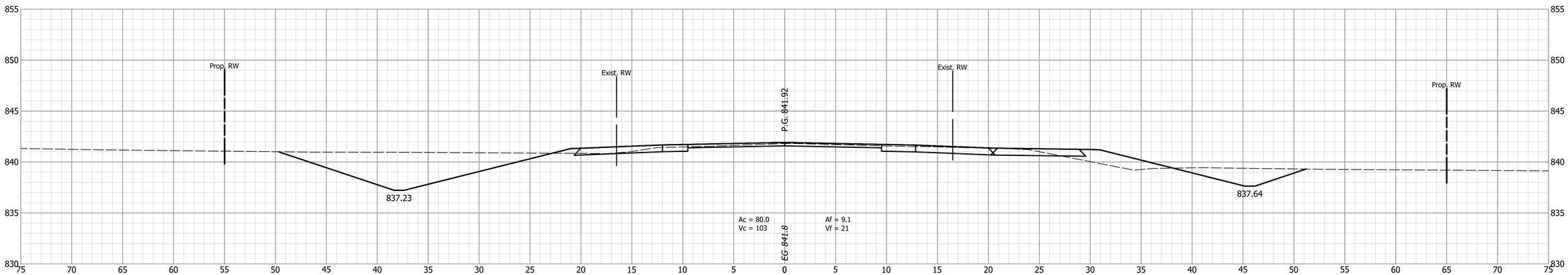
124+00



123+50

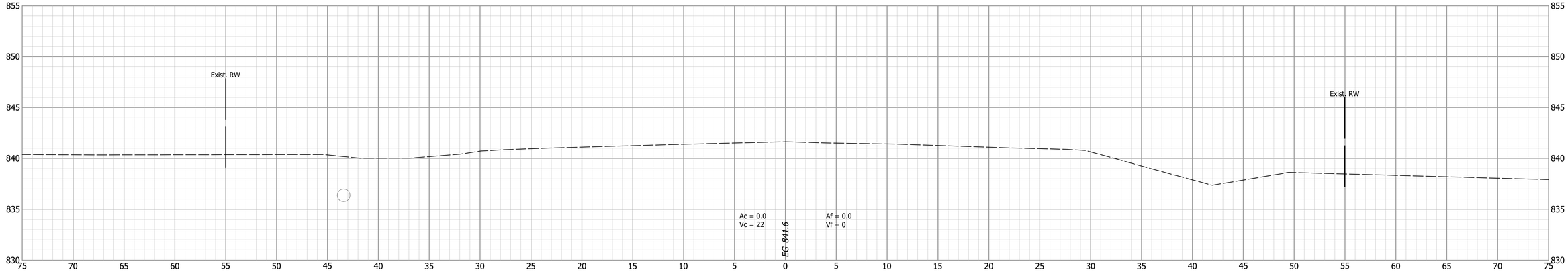


123+00

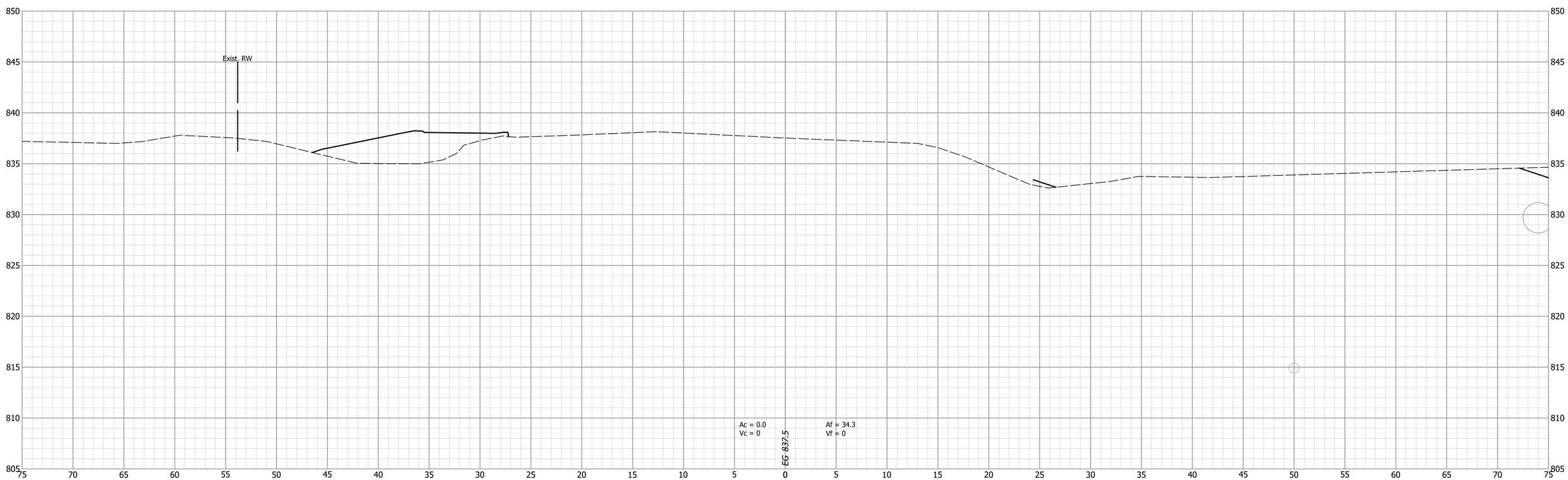


			INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
		DESIGNED: PEC / DRAWN: PEC	CROSS SECTIONS LINE "A"	VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
		CHECKED: GRW / CHECKED: GRW		SURVEY BOOK / SHEETS: 206 of 214
				CONTRACT: R-41989 / PROJECT: 1802940

124+50



				INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / BRIDGE FILE:
		DESIGNED: PEC	DRAWN: PEC	CROSS SECTIONS LINE "A"	VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
		CHECKED: GRW	CHECKED: GRW		SURVEY BOOK: / SHEETS: 207 of 214
					CONTRACT: R-41989 / PROJECT: 1802940



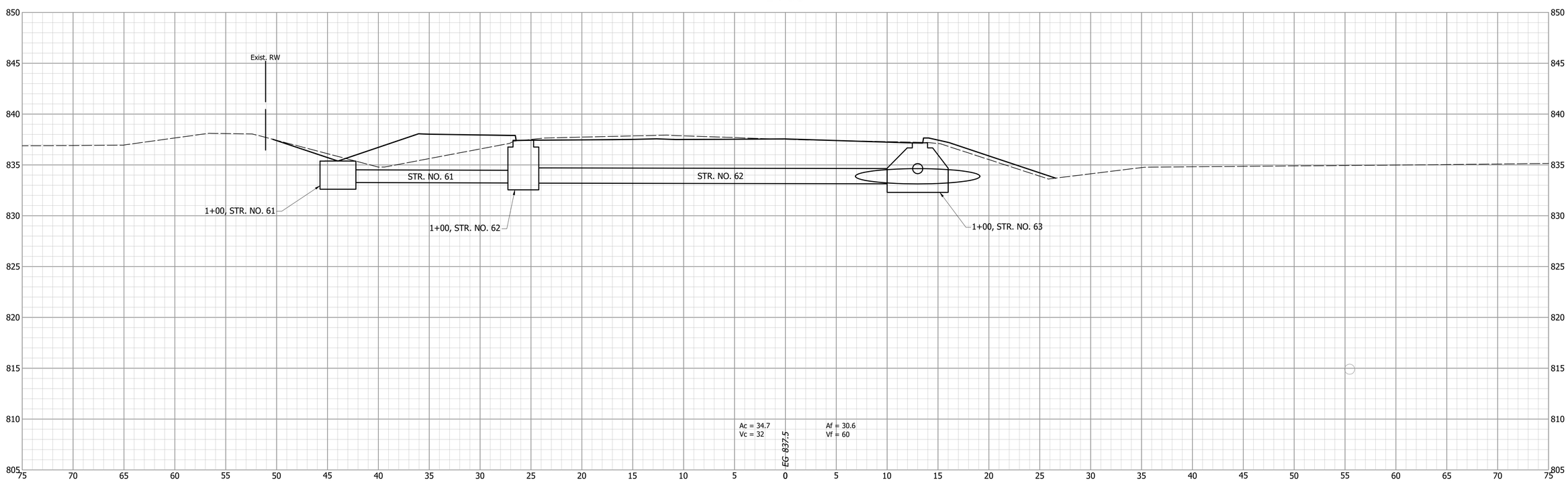
INDIANA
DEPARTMENT OF TRANSPORTATION

DESIGNED: PEC | DRAWN: PEC

CHECKED: GRW | CHECKED: GRW

CROSS SECTIONS
LINE "WL"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	208 of 214
CONTRACT	PROJECT
R-41989	1802940



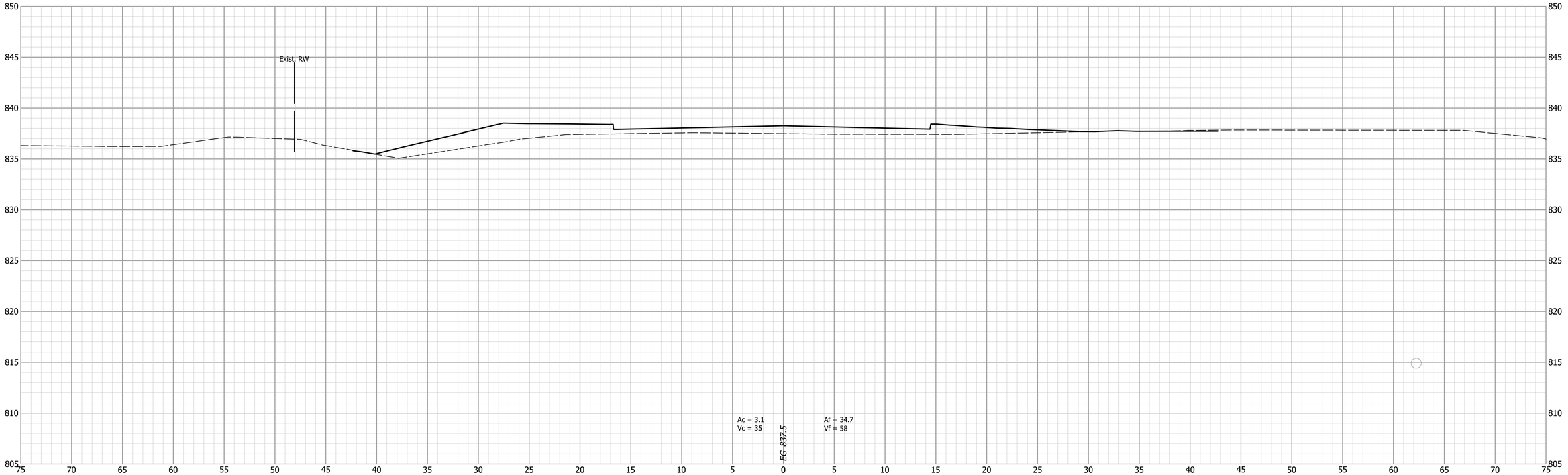
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "WL"

DESIGNED: PEC	DRAWN: PEC
CHECKED: GRW	CHECKED: GRW

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	209 of 214
CONTRACT	PROJECT
R-41989	1802940

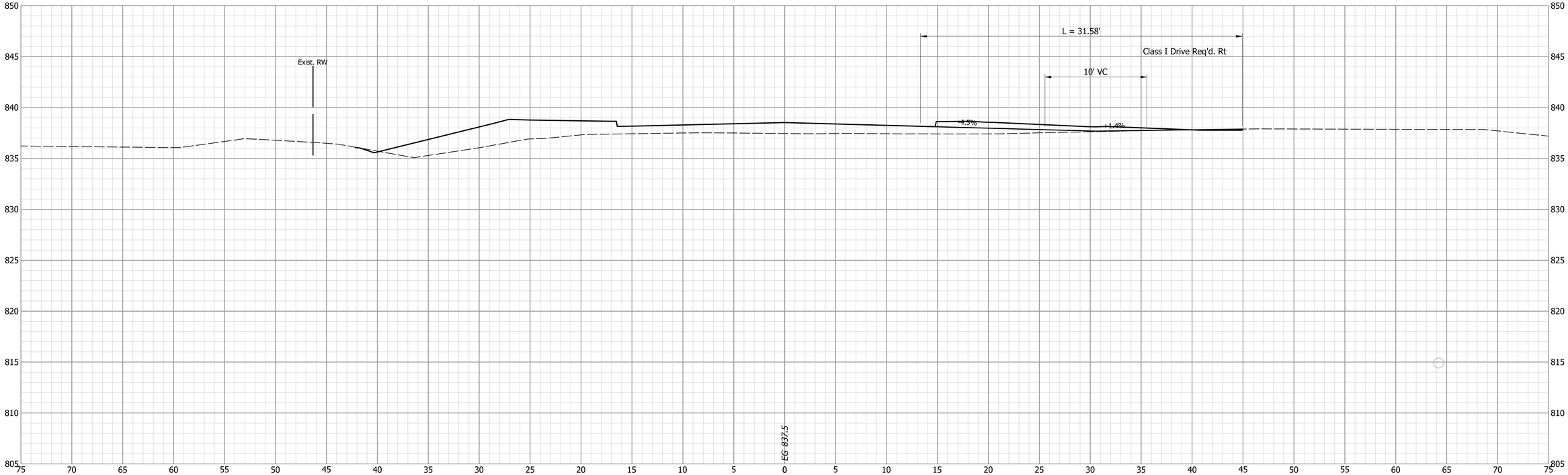
1+50



		INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: PEC	DRAWN: PEC	CROSS SECTIONS LINE "WL"
CHECKED: GRW	CHECKED: GRW	

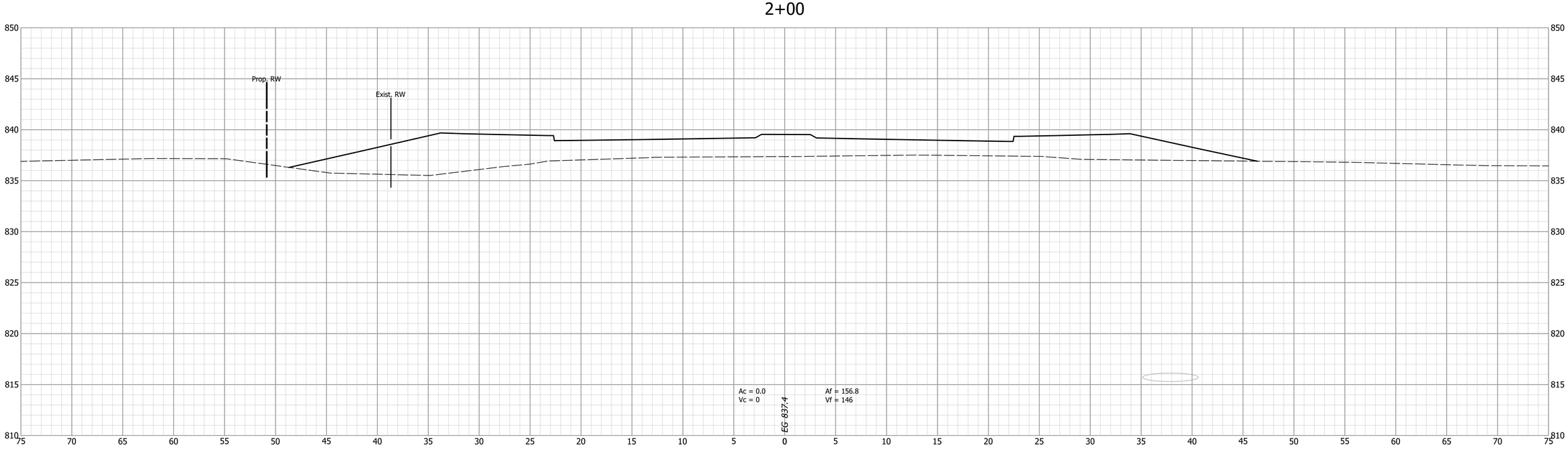
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1802940
SURVEY BOOK	SHEETS
	210 of 214
CONTRACT	PROJECT
R-41989	1802940

1+63.8



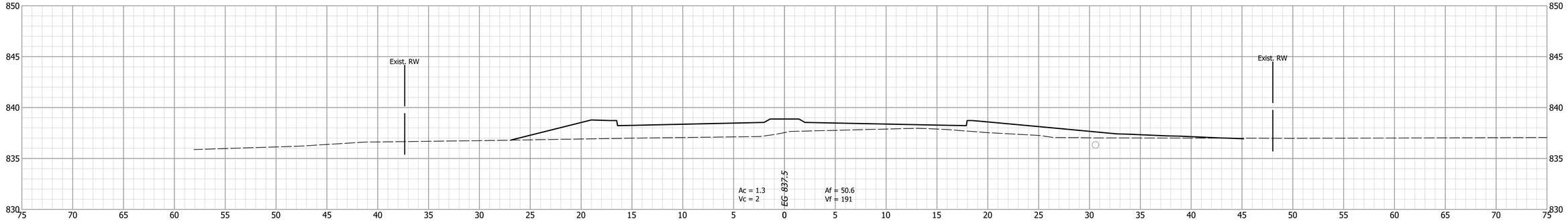
			INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5'	BRIDGE FILE:
				VERTICAL SCALE: 1" = 5'	DESIGNATION: 1802940
		DESIGNED: PEC	DRAWN: PEC	CROSS SECTIONS LINE "WL"	SURVEY BOOK:
		CHECKED: GRW	CHECKED: GRW		SHEETS: 211 of 214
					CONTRACT: R-41989
					PROJECT: 1802940

2+00

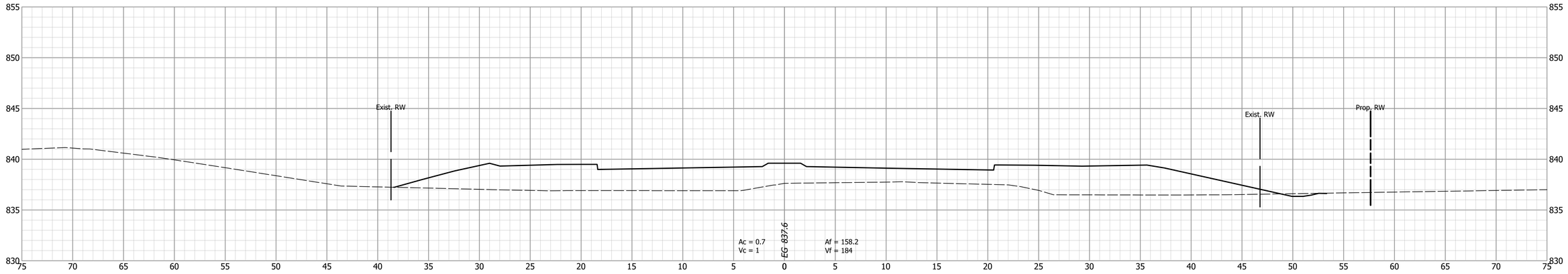


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		DESIGNED: PEC	DRAWN: PEC	CROSS SECTIONS LINE "WL"	SURVEY BOOK: / SHEETS: 212 of 214
		CHECKED: GRW	CHECKED: GRW		CONTRACT: R-41989 / PROJECT: 1802940

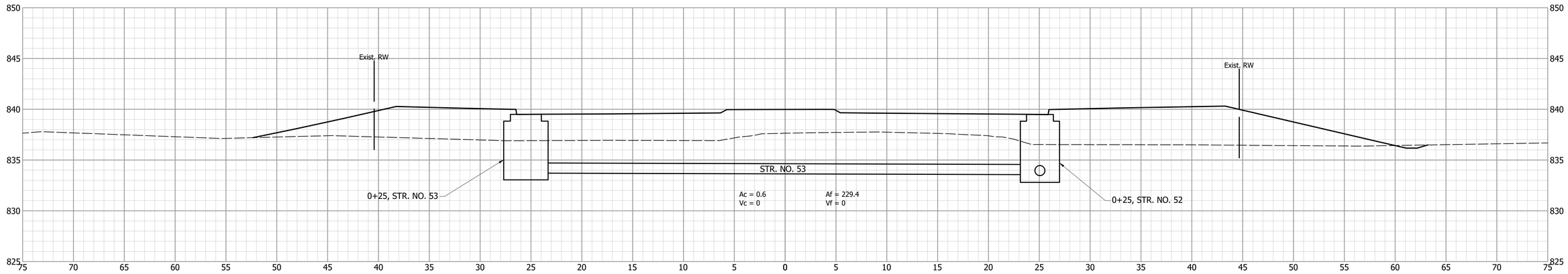
1+00



0+50

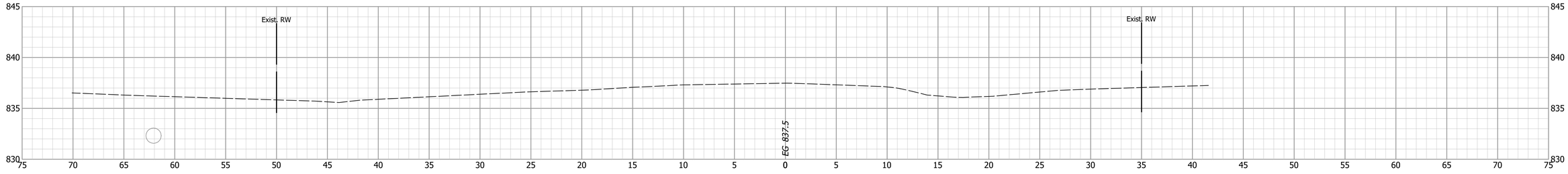


0+25

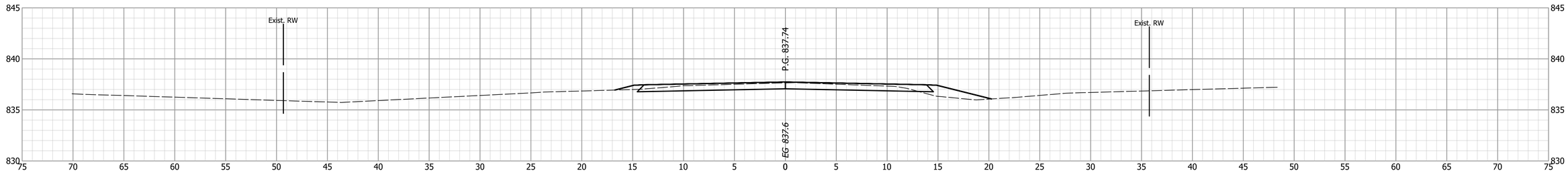


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		DESIGNED: PEC / DRAWN: PEC	CROSS SECTIONS LINE "EL"	VERTICAL SCALE: 1" = 5' / DESIGNATION: 1802940
		CHECKED: GRW / CHECKED: GRW		SURVEY BOOK / SHEETS: 213 of 214
				CONTRACT: R-41989 / PROJECT: 1802940

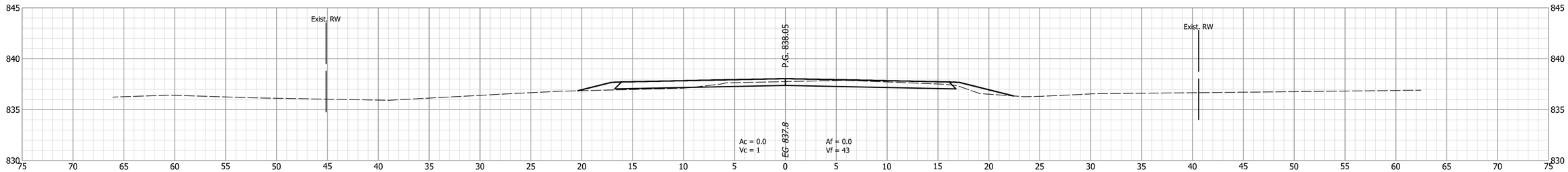
2+50



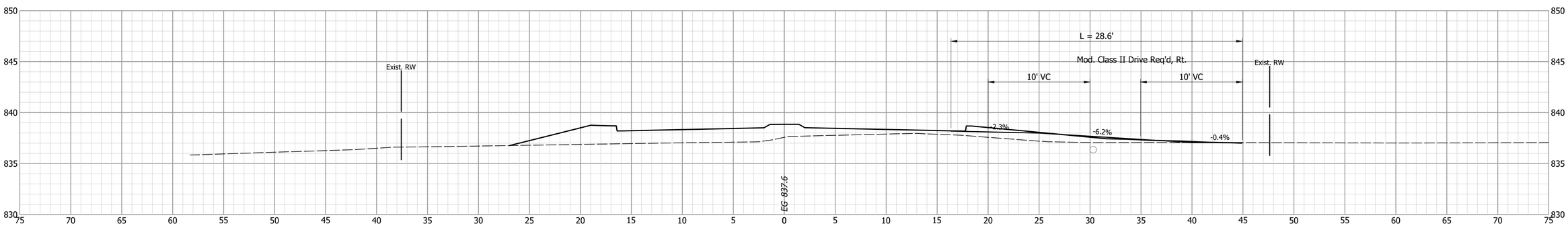
2+00



1+50



1+02.0



		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / VERTICAL SCALE: 1" = 5' / BRIDGE FILE / DESIGNATION: 1802940
DESIGNED: PEC	DRAWN: PEC	CROSS SECTIONS LINE "EL"	SURVEY BOOK / SHEETS: 214 of 214
CHECKED: GRW	CHECKED: GRW		CONTRACT: R-41989 / PROJECT: 1802940