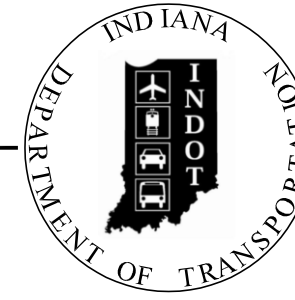


PROJECT 1900321	DESIGNATION NO. 1900321
CONTRACT R-42313	

INDIANA DEPARTMENT OF TRANSPORTATION



TRAFFIC DATA	S.R. 58
A.A.D.T. (2023)	365 V.P.D.
A.A.D.T. (2043)	365 V.P.D.
D.H.V. (2043)	365 V.P.H.
DIRECTIONAL DISTRIBUTION	51%
TRUCKS	5% D.H.V. 5% A.A.D.T.
DESIGN DATA	S.R. 58
DESIGN SPEED	45 MPH
PROJECT DESIGN CRITERIA	3R (Non-Freeway)
FUNCTIONAL CLASSIFICATION	MAJOR COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	ROLLING
ACCESS CONTROL	None

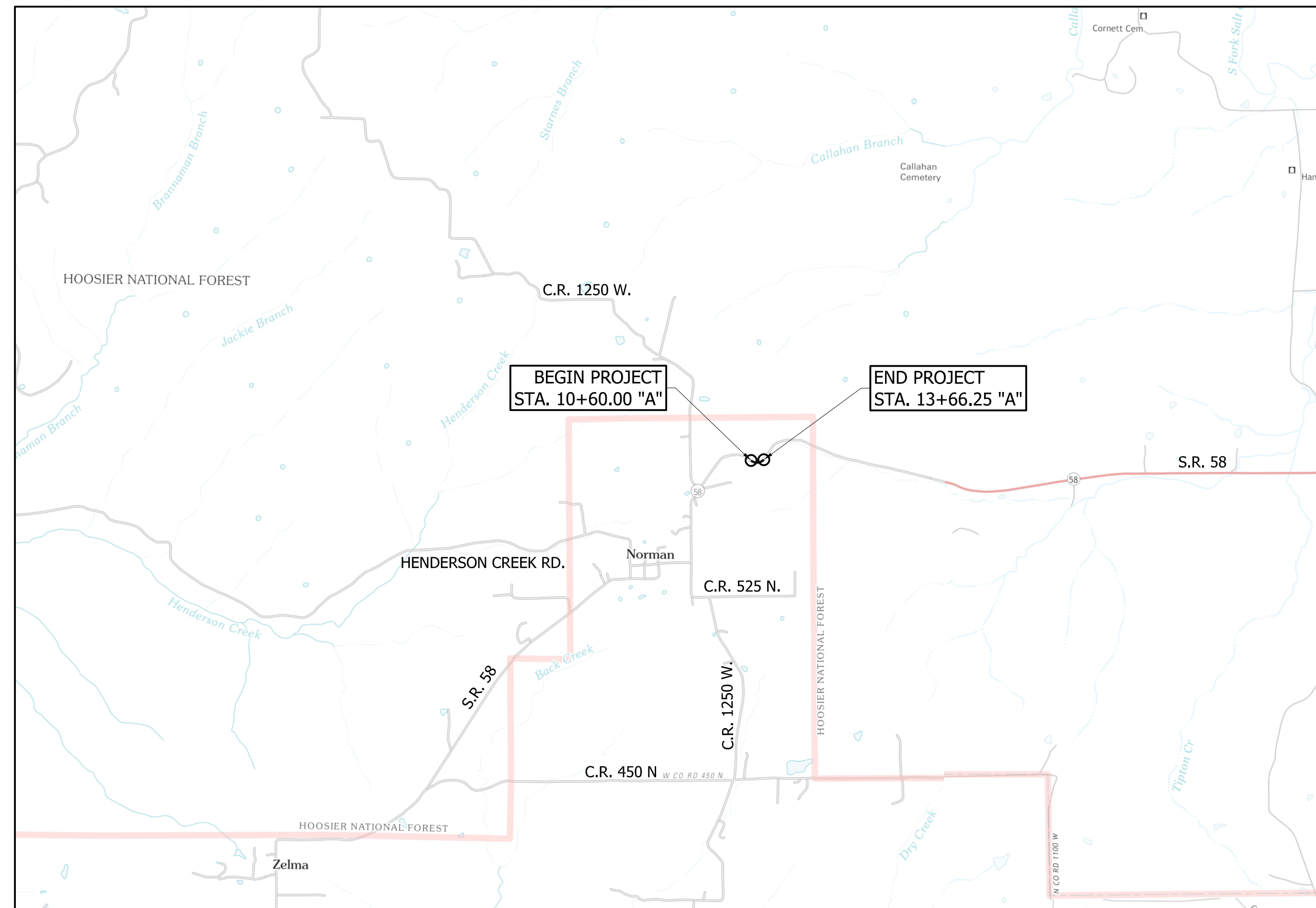
KIN PROJECT INFORMATION	
DESIGNATION	PROJECT DESCRIPTION
1800287	S.R. 135 SUPERSTRUCTURE REPLACEMENT
1802993	S.R. 258 SMALL STRUCTURE REPLACEMENT OVER UNT TO SPRAY CREEK

ROAD PLANS

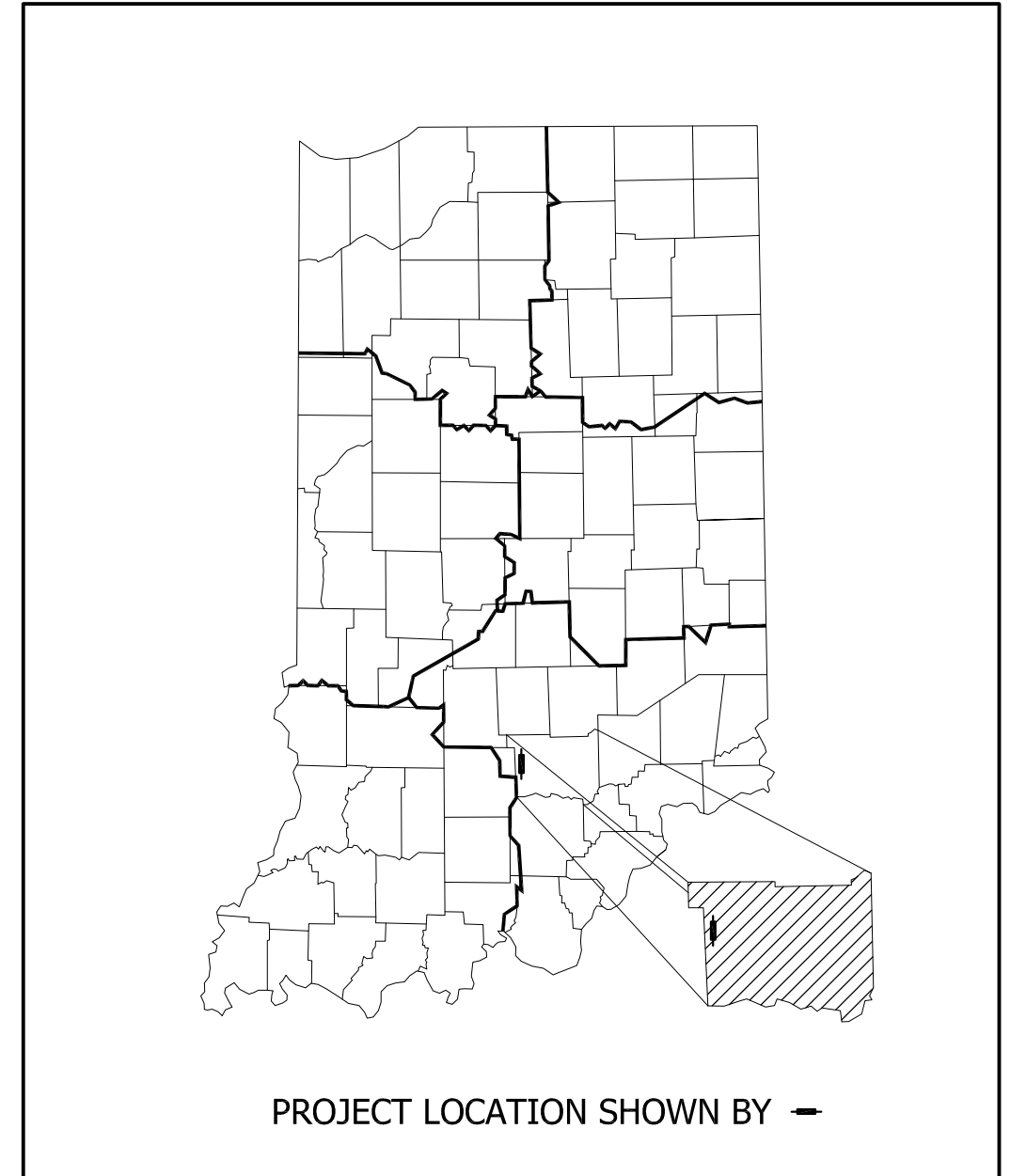
ROUTE: S.R. 58 AT RP 96+15
PROJECT NO. 1900321 P.E.
 1900321 R/W
 1900321 CONST.

SMALL STRUCTURE REPLACEMENT OVER UNNAMED DITCH 7.09 MILES EAST OF
JUNCTION OF S.R. 446 ON S.R. 58 IN SEC. 14, T. 6 N, R. 2 E IN JACKSON COUNTY, INDIANA

Gross Length: 0.06 Mi.
Net Length: 0.06 Mi.
Max. Grade: 11.02%



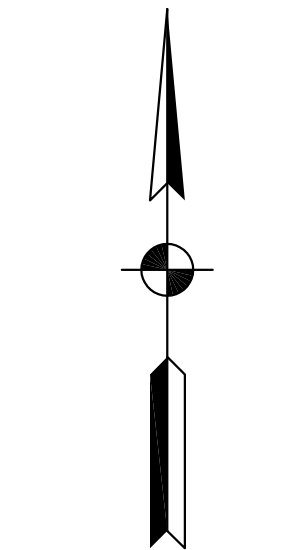
LOCATION MAP



LATITUDE 38° 57' 30.96" N LONGITUDE 86° 15' 53.35" W

HUC: 05120208060030

CULVERT ASSETS	
DESIGNATION NO.	CULVERT ASSET I.D.
1900321	CV 058-036-096.15



SCALE 1" = 2,000'

STAGE 2 PLANS 8/28/2020

[INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2020
TO BE USED WITH THESE PLANS]



PLANS PREPARED BY:	USI Consultants, Inc.	317-544-4996
		PHONE NUMBER
CERTIFIED BY:		DATE
APPROVED FOR LETTING:	INDIANA DEPARTMENT OF TRANSPORTATION	DATE

DESIGNATION NO.	1900321
SHEETS	1 of 31
PROJECT NO.	1900321
CONTRACT	R-42313

NOTE TO REVIEWER
 Pavement Design items to be updated upon receipt of INDOT Pavement Design

LEGEND

- (K) HMA FULL DEPTH PAVEMENT
 XXX#/Syd. QC/QA-HMA, 3, 64, Surface 9.5 mm on
 XXX#/Syd. QC/QA-HMA, 2, 64, Intermediate 19.0 mm on
 XXX#/Syd. QC/QA-HMA, 2, 64, Base 19.0 mm on
 Subgrade Treatment, Type 1C
- (K1) HMA FOR WIDENING
 XXX#/Syd. QC/QA-HMA, 3, 64, Surface 9.5 mm on
 XXX#/Syd. QC/QA-HMA, 2, 64, Intermediate 19.0 mm on
 XXX#/Syd. QC/QA-HMA, 2, 64, Base 19.0 mm on
 Subgrade Treatment, Type 1C
- (R) HMA RESURFACE / SURFACE MILLING
 XXX#/Syd. QC/QA-HMA, 3, 64, Surface 9.5 mm on
 1-1/2" Surface Milling
- (O) Compacted Aggregate, No. 53
- (S) Sawcut
- (29) Mulched Seeding, R (All side slopes 2:1 and steeper to have Erosion Control Blanket except where riprap to be placed)

NOTES:

OFZ = Obstruction Free Zone

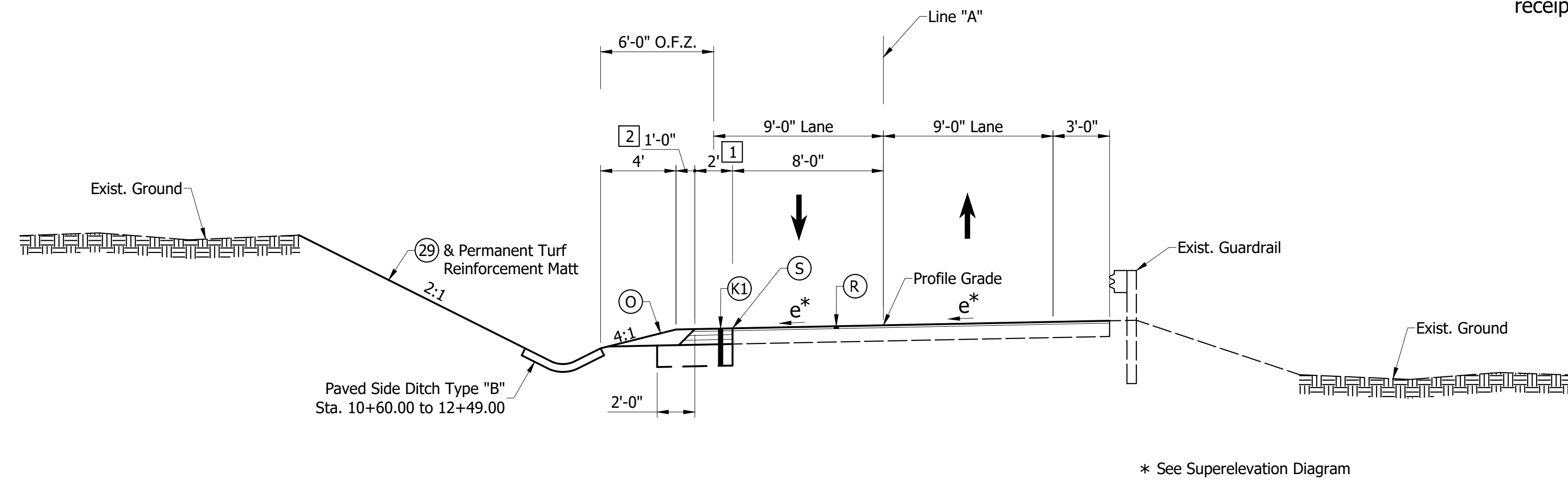
1 Varies 2'-0" @ Sta. 12+25.00 to 3'-0" @ Sta. 12+35.00 "A"

2 Varies 1'-0" @ Sta. 12+25.00 to 4'-0" @ Sta. 12+35.00 "A"

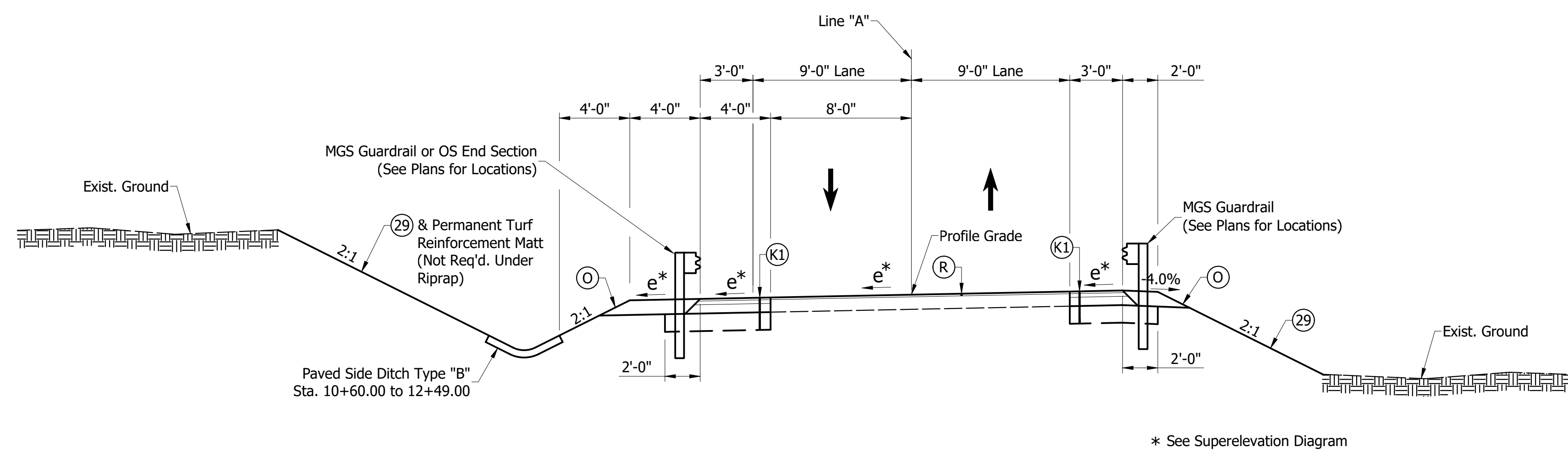
After milling the existing pavement surface, any cracks that remain visible with 0.25 inch width or greater shall be sealed before applying tack coat to the milled surface. The materials used to fill the cracks shall be PG 64-22 only; no emulsion should be used. The sealed cracks should not be overbanded.

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.

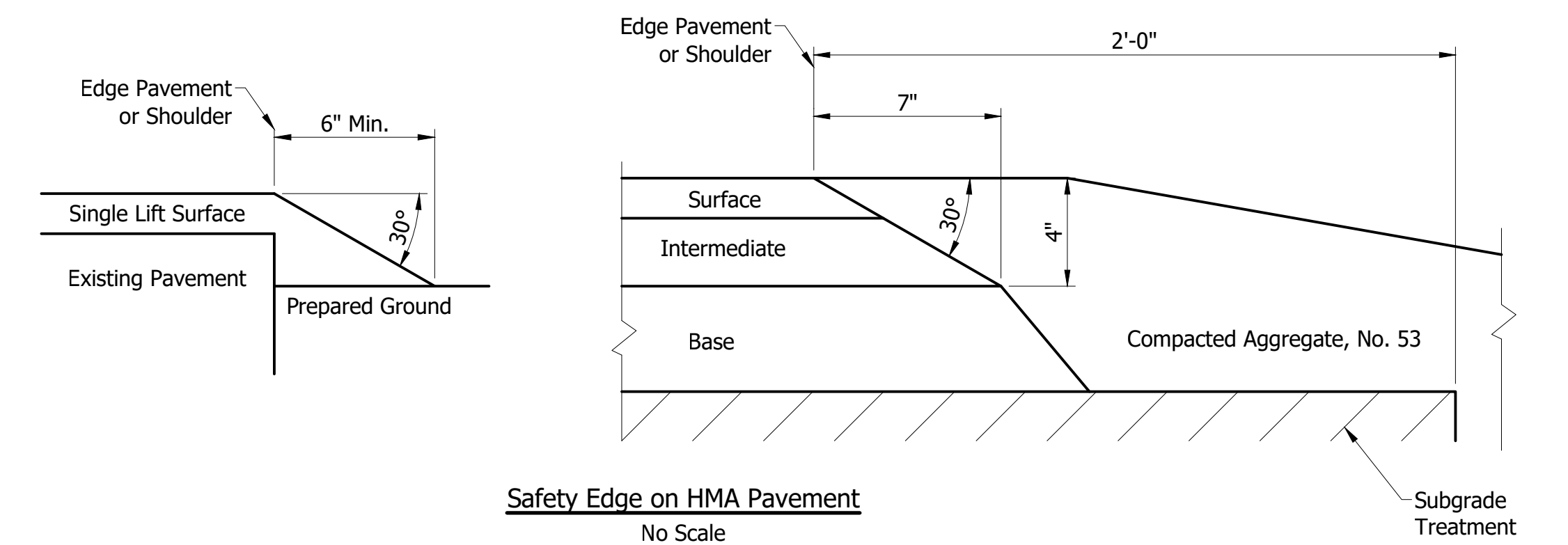
Depending on weather condition, wet subgrade soils may be encountered during construction. Such moisture can migrate into Subgrade Treatment, Type 1C aggregate material during compaction rendering it too difficult to obtain the required density. Should this situation occur, contact the INDOT Office of Geotechnical Services for specific recommendations.



TYPICAL CROSS SECTION-RESURFACE WITH WIDENING
 Sta. 10+60.00 to Sta. 12+35.00 Line "A"



TYPICAL CROSS SECTION-RESURFACE WITH WIDENING
 Sta. 12+35.00 to Sta. 12+65.00 Line "A"



NOT FOR CONSTRUCTION

DESIGNED: JGP	DRAWN: JGP
CHECKED: WAH	CHECKED: WAH

INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

S.R. 58

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	1900321
SURVEY BOOK	SHEETS
3	of 31
CONTRACT	PROJECT
R-42313	1900321

NOTE TO REVIEWER
 Pavement Design items to be updated upon receipt of INDOT Pavement Design

LEGEND

- (K) HMA FULL DEPTH PAVEMENT
 XXX#/Syd. QC/QA-HMA, 3, 64, Surface 9.5 mm on
 XXX#/Syd. QC/QA-HMA, 2, 64, Intermediate 19.0 mm on
 XXX#/Syd. QC/QA-HMA, 2, 64, Base 19.0 mm on
 Subgrade Treatment, Type 1C
- (K1) HMA FOR WIDENING
 XXX#/Syd. QC/QA-HMA, 3, 64, Surface 9.5 mm on
 XXX#/Syd. QC/QA-HMA, 2, 64, Intermediate 19.0 mm on
 XXX#/Syd. QC/QA-HMA, 2, 64, Base 19.0 mm on
 Subgrade Treatment, Type 1C
- (R) HMA RESURFACE / SURFACE MILLING
 XXX#/Syd. QC/QA-HMA, 3, 64, Surface 9.5 mm on
 1-1/2" Surface Milling
- (O) Compacted Aggregate, No. 53
- (S) Sawcut
- (29) Mulched Seeding, R (All side slopes 2:1 and steeper to have Erosion Control Blanket except where riprap to be placed)

NOTES:

OFZ = Obstruction Free Zone

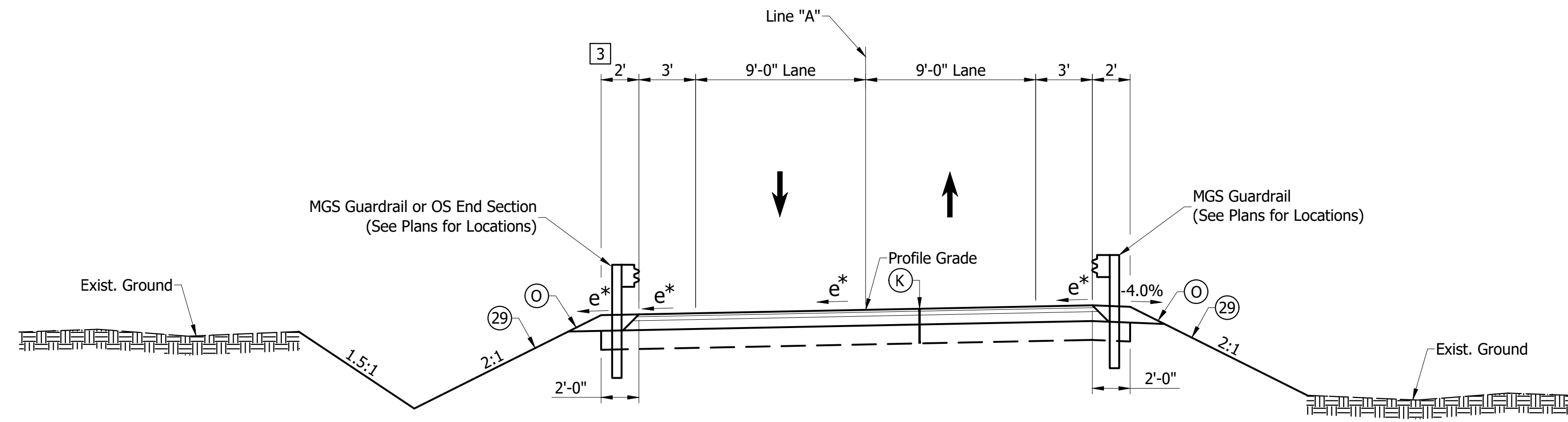
[3] Varies 4'-0" @ Sta. 12+85.00 to 2'-0" @ Sta. 12+95.00

[4] Varies 3'-0" @ Sta. 13+25.00 to 2'-0" @ Sta. 13+62.00

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.

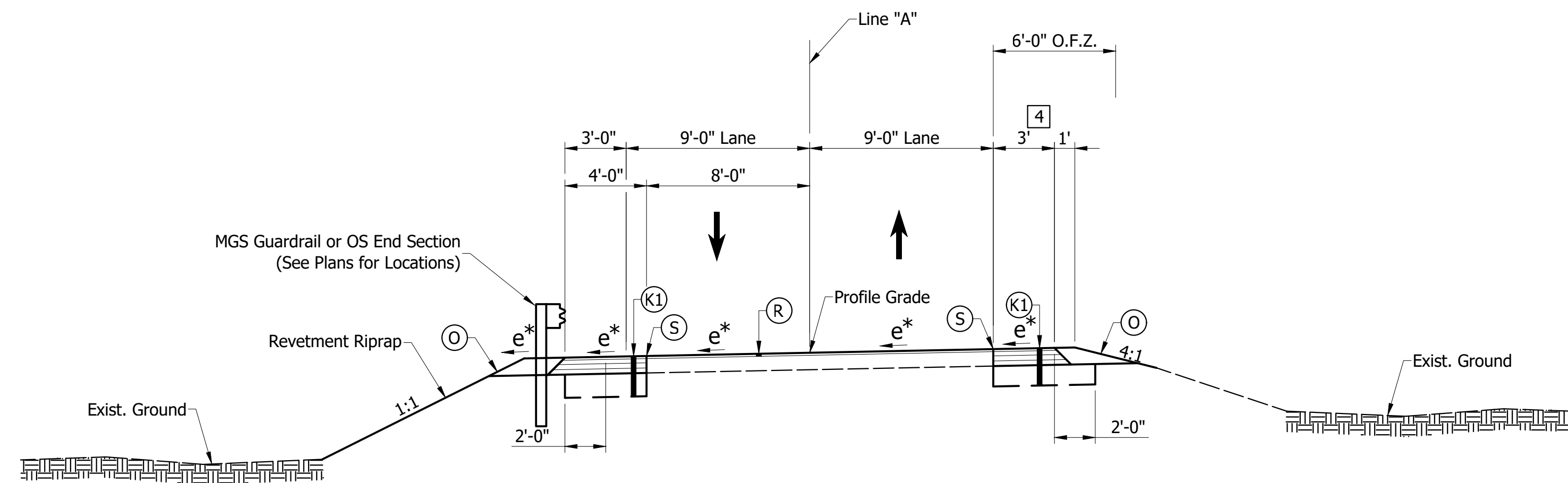
Depending on weather condition, wet subgrade soils may be encountered during construction. Such moisture can migrate into Subgrade Treatment, Type IC aggregate material during compaction rendering it too difficult to obtain the required density. Should this situation occur, contact the INDOT Office of Geotechnical Services for specific recommendations.



* See Superelevation Diagram

TYPICAL CROSS SECTION-FULL DEPTH HMA

Sta. 12+65.00 to Sta. 13+25.00 Line "A"



* See Superelevation Diagram

TYPICAL CROSS SECTION-RESURFACE WITH WIDENING

Sta. 13+25.00 to Sta. 13+62.00 Line "A"

NOT FOR CONSTRUCTION

DESIGNED: JGP	DRAWN: JGP
CHECKED: WAH	CHECKED: WAH

**INDIANA
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTION
 S.R. 58**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 4 of 31
CONTRACT R-42313	PROJECT 1900321

10+00

11+00

12+00

13+00

14+00

NORMAN, TIMOTHY JR. & MARSHALL

FISHER, JEFFREY D. & DORA S.

CURVE DATA
 P.I. 13+00.92 "A"
 $\Delta = 56^{\circ}36'57.5"$ Lt.
 R = 228.14'
 T = 122.88'
 L = 225.43'
 E = 30.99'
 SE = 8.00%

CURVE DATA
 P.I. 11+28.54 "A"
 $\Delta = 33^{\circ}03'08.7"$ Lt.
 R = 176.65'
 T = 52.41'
 L = 101.91'
 E = 7.61'
 SE = 8.00%

P.O.T. 14+50.00 "A"
 N 212564.7317
 E 698017.6206

P.O.T. 9+75.00 "A"
 N 212533.1597
 E 697617.4814

END PROJECT
 STA. 13+66.25 "A"

BEGIN PROJECT
 STA. 10+60.00 "A"

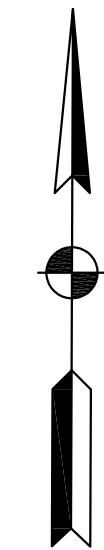
P.I. 11+28.54 "A"
 $\Delta = 33^{\circ}03'08.7"$ Lt.
 N 212441.1648
 E 697740.4146

P.I. 13+00.92 "A"
 $\Delta = 56^{\circ}36'57.5"$ Lt.
 N 212429.6809
 E 697915.3332

FISHER, JEFFREY D. & DORA S.

KARAJIC, SENAD & ANELA

Section 14, T6N, R2E
 Owen Township
 Jackson County

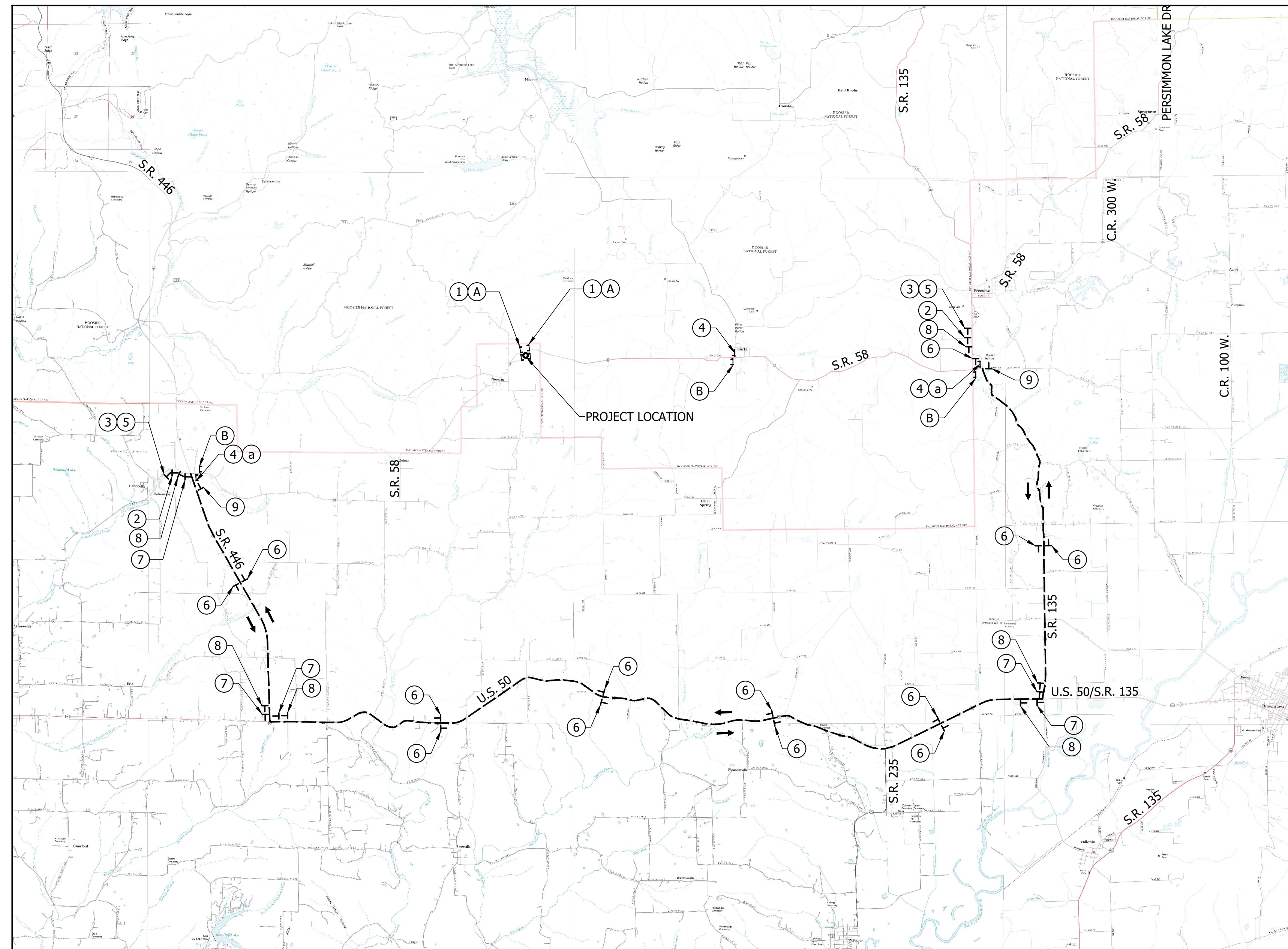


NOT FOR
 CONSTRUCTION

DESIGNED: JGP DRAWN: JGP
 CHECKED: WAH CHECKED: WAH

INDIANA
 DEPARTMENT OF TRANSPORTATION
 PLAT NO. 1
 S.R. 58

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE 1" = 20'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 5 of 31
CONTRACT R-42313	PROJECT 1900321



DETOUR ROUTE
Scale: 1" = 6000'

LEGEND	DESCRIPTION	SIZE	TYPE	NO.	
①	ROAD CLOSED	R11-2	48" X 30"	Road Closure Assembly	2
②	DETOUR AHEAD	XW20-2	48" X 48"	A	2
③	ROAD CLOSED AHEAD	XW20-3	48" X 48"	A	2
④	ROAD CLOSED TO THRU TRAFFIC	R11-4	60" X 30"	Road Closure Assembly	3
a	DETOUR	XM4-10 (L or R)	48" X 18"	B	2
⑤	ROAD CLOSED ON OR AFTER X / X / XX	XG20-6	60" X 30"	A	2
⑥	DETOUR ILLINOIS 58 EAST WEST ↑	XM4-8 M1-5 (58) M3-1 or M3-3 M6-3	30" X 15" 24" X 24" 30" X 15" 21" X 15"	Detour Route Assembly	13
⑦	DETOUR ILLINOIS 58 EAST WEST →	XM4-8 M1-5 (58) M3-1 or M3-3 M6-1 (L or R)	30" X 15" 24" X 24" 30" X 15" 21" X 15"	Detour Route Assembly	5
⑧	DETOUR ILLINOIS 58 EAST WEST ↘	XM4-8 M1-5 (58) M3-1 or M3-3 M5-1 (L or R)	30" X 15" 24" X 24" 30" X 15" 21" X 15"	Detour Route Assembly	6
⑨	END DETOUR ILLINOIS 58 ↘ ↑	XM4-6 XM4-8 M1-5 (58) M5-1 (L or R) or M6-3	30" X 15" 30" X 15" 24" X 24" 21" X 15"	Detour Route Assembly	2
A	TYPE III-A BARRICADE		12'		48
B	TYPE III-B BARRICADE		12'		72

LEGEND	
Detour Route	Indicates Traffic Flow
Construction Sign	Type III Barricade

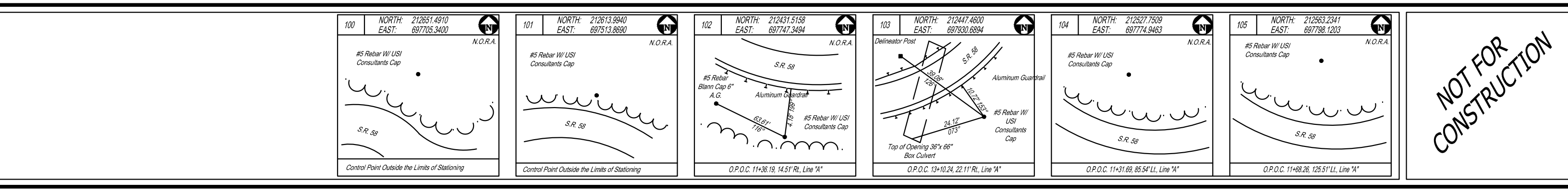
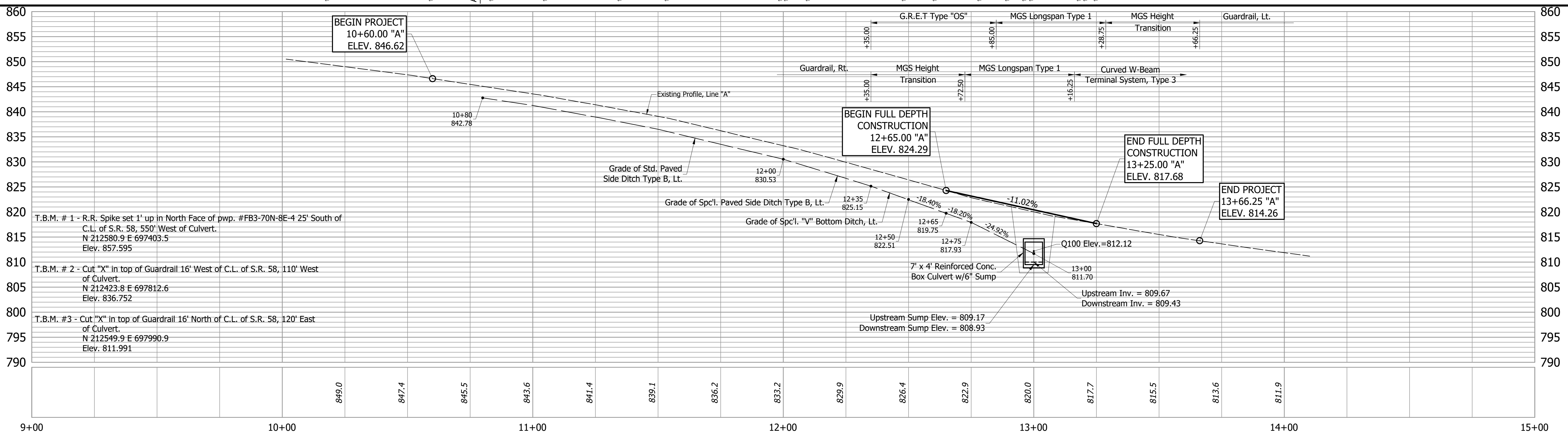
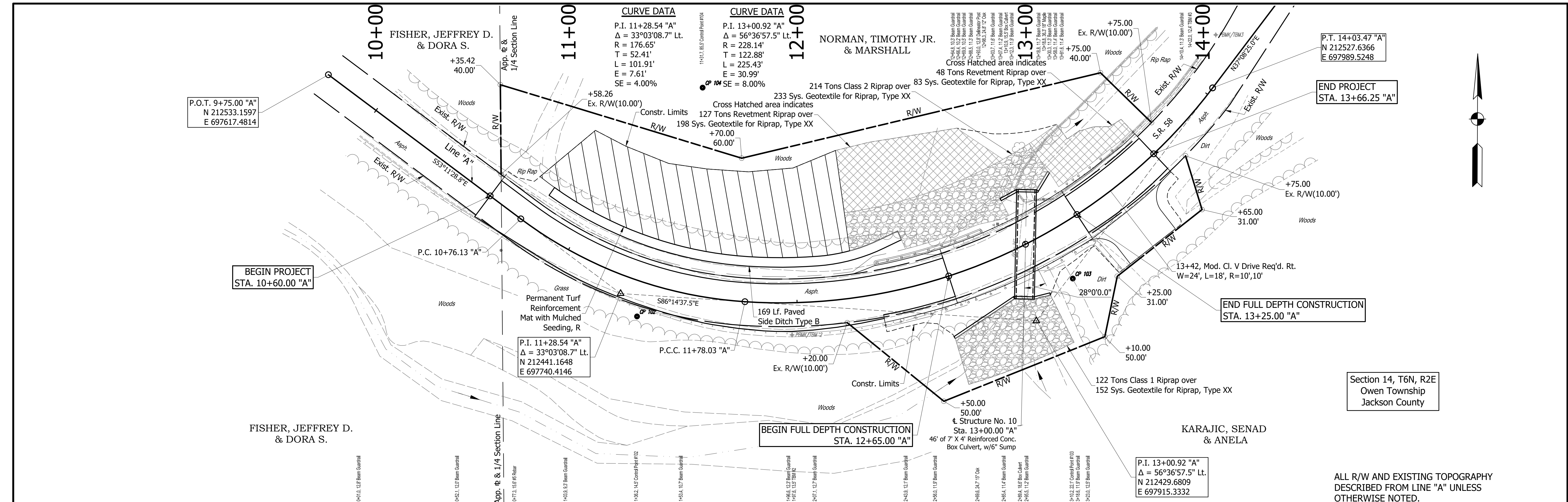
NOT FOR CONSTRUCTION

DESIGNED: JGP	DRAWN: JGP
CHECKED: WAH	CHECKED: WAH

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC DETOUR ROUTE
S.R. 58

HORIZONTAL SCALE 1" = 6000'	BRIDGE FILE
VERTICAL SCALE 1" = 6000'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 6 of 31
CONTRACT R-42313	PROJECT 1900321



NOT FOR CONSTRUCTION

DESIGNED: JGP
DRAWN: JGP
CHECKED: WAH
CHECKED: WAH

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
S.R. 58**

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 7 of 31
CONTRACT R-42313	PROJECT 1900321

10+00

11+00

12+00

13+00

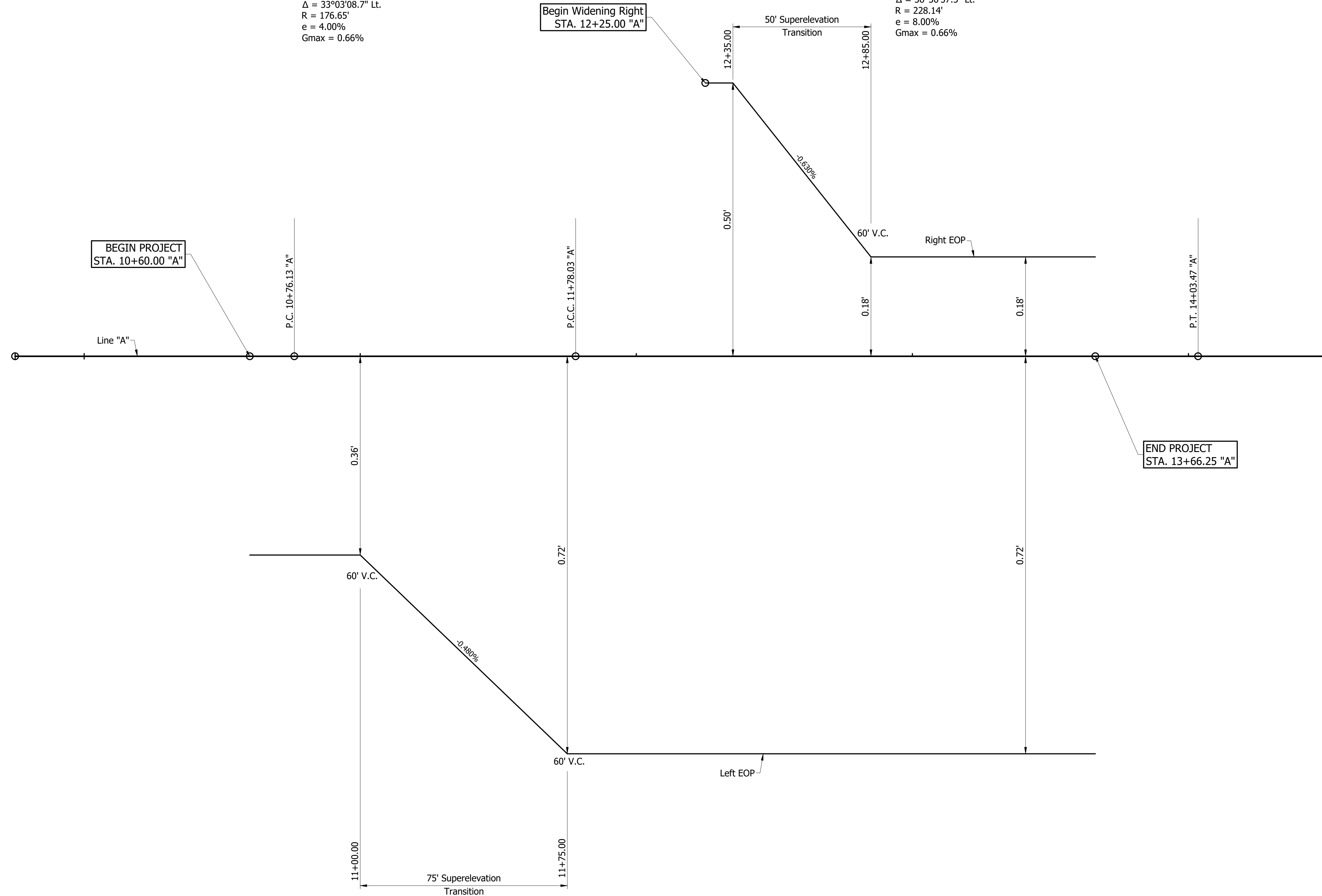
14+00

CURVE DATA

P.I. 11+28.54 "A"
 $\Delta = 33^\circ 03' 08.7''$ Lt.
R = 176.65'
e = 4.00%
Gmax = 0.66%

CURVE DATA

P.I. 13+00.92 "A"
 $\Delta = 56^\circ 36' 57.5''$ Lt.
R = 228.14'
e = 8.00%
Gmax = 0.66%



NOT FOR CONSTRUCTION

DESIGNED: JGP	DRAWN: JGP
CHECKED: WAH	CHECKED: WAH

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**SUPERELEVATION DIAGRAM
S.R. 58**

HORIZONTAL SCALE 1" = 200'	BRIDGE FILE
VERTICAL SCALE 1" = 0.10'	DESIGNATION 1900321
SURVEY BOOK	SHEETS
CONTRACT R-42313	8 of 31 PROJECT 1900321

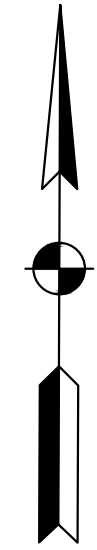
10+00

11+00

12+00

13+00

14+00



CURVE DATA
 P.I. 11+28.54 "A"
 $\Delta = 33^\circ 03' 08.7''$ Lt.
 R = 176.65'
 T = 52.41'
 L = 101.91'
 E = 7.61'
 SE = 8.00%

CURVE DATA
 P.I. 13+00.92 "A"
 $\Delta = 56^\circ 36' 57.5''$ Lt.
 R = 228.14'
 T = 122.88'
 L = 225.43'
 E = 30.99'
 SE = 8.00%

NORMAN, TIMOTHY JR. & MARSHALL

FISHER, JEFFREY D. & DORA S.

P.O.T. 9+75.00 "A"
 N 212533.1597
 E 697617.4814

P.O.T. 14+50.00 "A"
 N 212564.7317
 E 698017.6206

BEGIN PROJECT STA. 10+60.00 "A"

END PROJECT STA. 13+66.25 "A"

P.C. 10+76.13 "A"

P.I. 11+28.54 "A"
 $\Delta = 33^\circ 03' 08.7''$ Lt.
 N 212441.1648
 E 697740.4146

P.C.C. 11+78.03 "A"

END FULL DEPTH CONSTRUCTION STA. 13+25.00 "A"

BEGIN FULL DEPTH CONSTRUCTION STA. 12+65.00 "A"

FISHER, JEFFREY D. & DORA S.

KARAJIC, SENAD & ANELA

Section 14, T6N, R2E
 Owen Township
 Jackson County

LEGEND

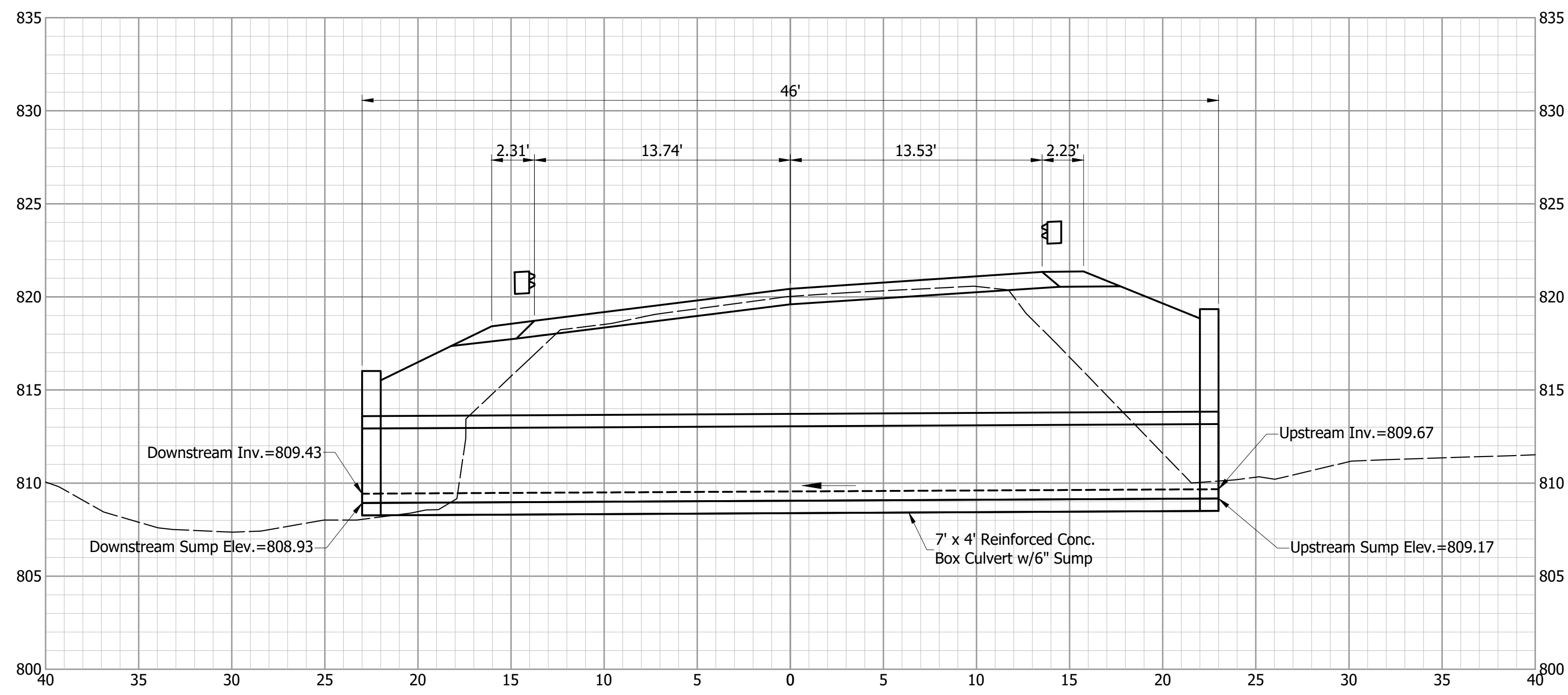
- (D) HMA FOR APPROACHES
 165#/syd HMA Type B on
 275#/syd HMA Intermediate Type B on
 6" Compacted Aggregate Mp/ 53, on
 Subgrade Treatment Type II
- (K) HMA FULL DEPTH PAVEMENT WITH SAFETY EDGE
 xxx#/Syd. QC/QA-HMA, x, xx, Surface 9.5 mm on
 xxx#/Syd. QC/QA-HMA, x, xx, Intermediate 19.00 mm on
 x In. of Compacted Aggregate, No. 53, Base
- (K1) HMA FOR WIDENING
 xxx#/Syd. QC/QA-HMA, x, xx, Surface 9.5 mm on
 xxx#/Syd. QC/QA-HMA, x, xx, Intermediate 19.00 mm on
 x In. of Compacted Aggregate, No. 53, Base
- (R) HMA RESURFACE / SURFACE MILLING
 xxx#/Syd. QC/QA-HMA, x, xx, Surface 9.5 mm on
 1 1/2" Surface Milling
- (S) Saw Cut

NOT FOR CONSTRUCTION

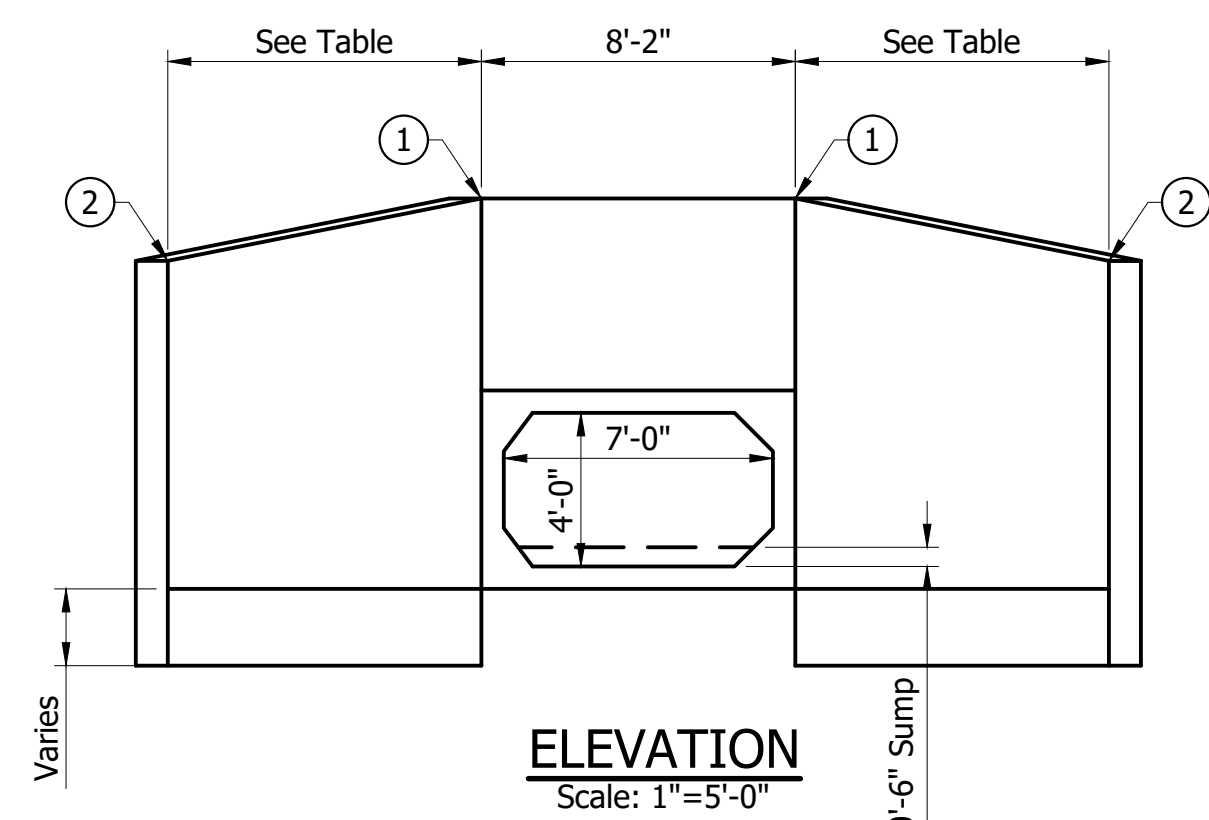
DESIGNED: JGP DRAWN: JGP
 CHECKED: WAH CHECKED: WAH

INDIANA
 DEPARTMENT OF TRANSPORTATION
 CONSTRUCTION DETAIL
 S.R. 58

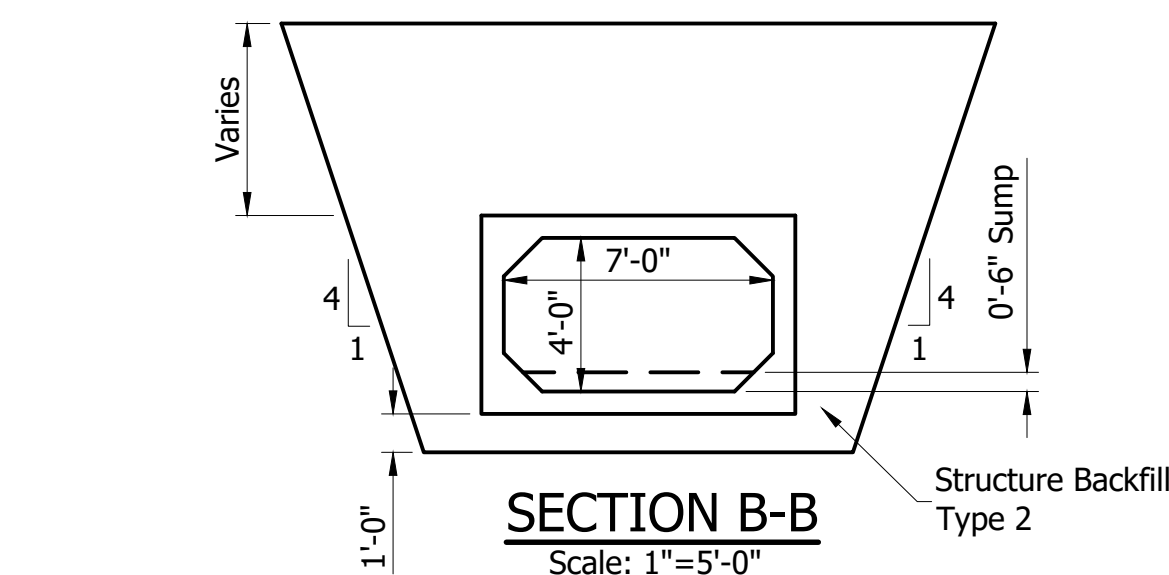
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 20'	1900321
SURVEY BOOK	SHEETS
	9 of 31
CONTRACT	PROJECT
R-42313	1900321



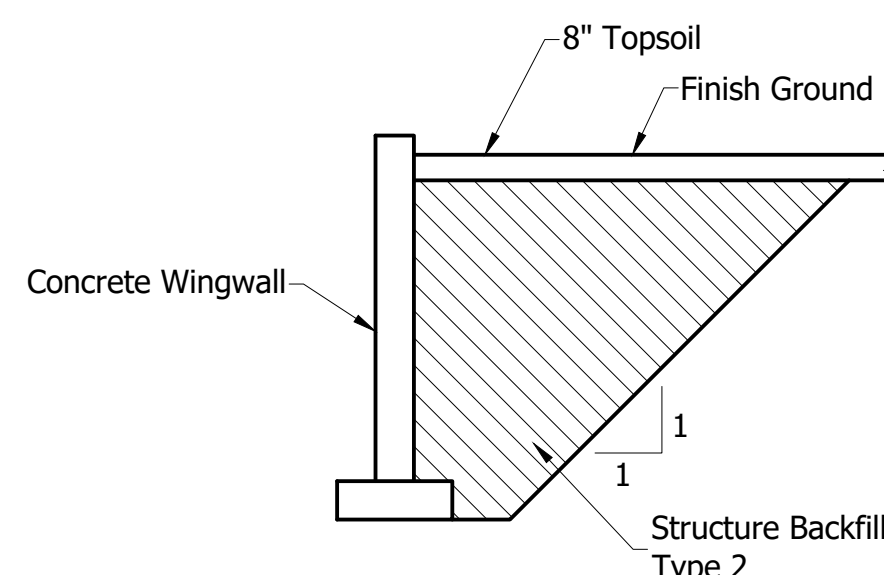
SECTION C-C
Scale: 1" = 5'



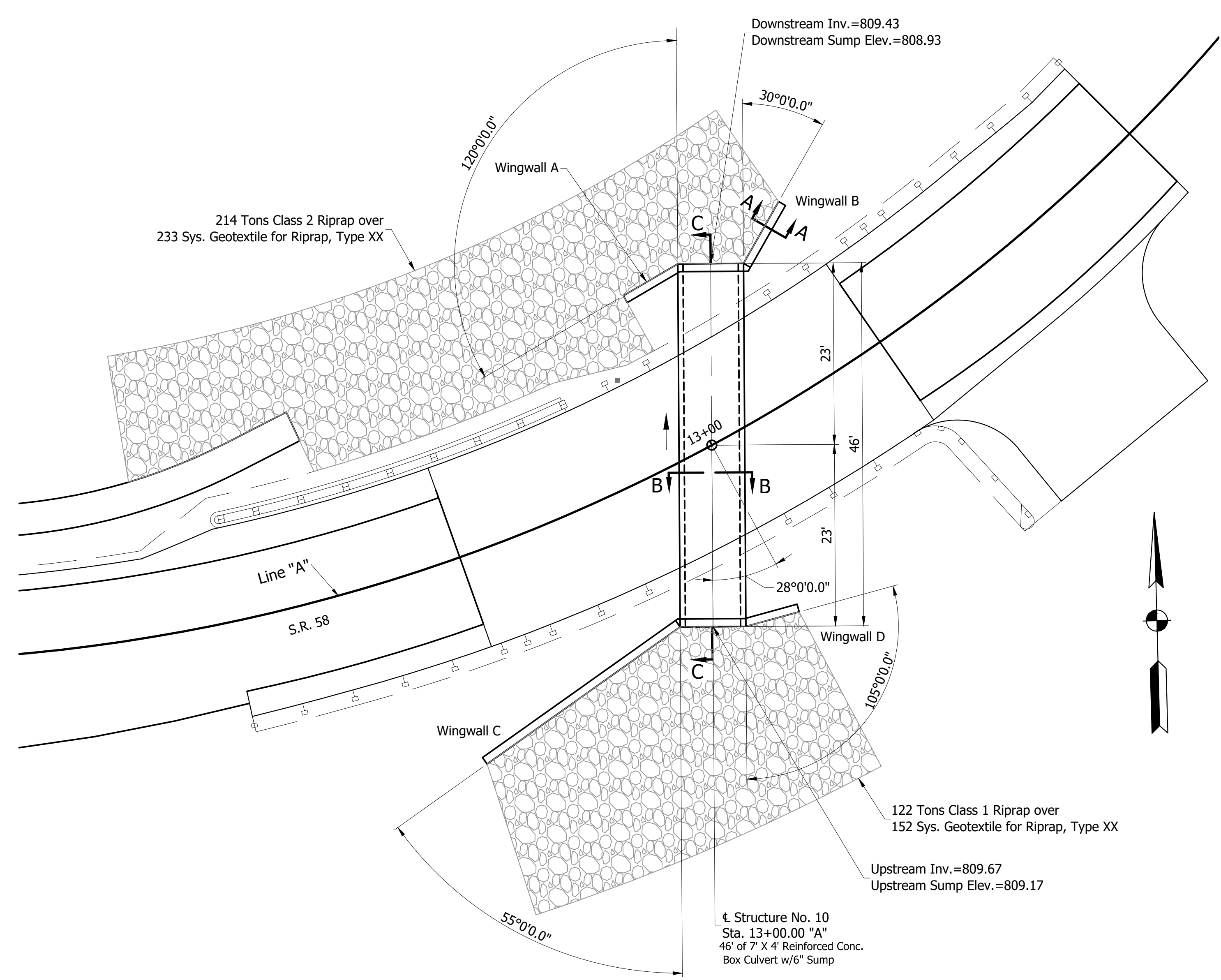
ELEVATION
Scale: 1"=5'-0"



SECTION B-B
Scale: 1"=5'-0"



SECTION A-A
Scale: 1"=5'-0"



PLAN VIEW
Scale: 1" = 10'

HYDRAULIC DATA

Drainage Area: 26.4 Acres
Q100 62.0 cfs
Q100 Elev. 812.12 ft.

DESCRIPTION

V100 through Structure
Backwater 1.23 ft.
Waterway Area Provided Below Q100. 7.87 sq. ft.
Low Structure Elevation 812.93 ft.
Flowline Elevation Upstream 809.67 ft.
Flowline Elevation Downstream 809.43 ft.

Proposed Structure

5.82 ft./s.
1.23 ft.
7.87 sq. ft.
812.93 ft.
809.67 ft.
809.43 ft.

Notes: 1. Contractor shall verify the existing flowline elevation to set the appropriate sump depth.
2. Wingwall foundations to be 4' min. below the flow line of the creek.

HEADWALL TABLE			
Adjoining Wingwalls	Top of Headwall Elevation ①	Length	Headwall Area
"A" & "B"	816.76'	8'-4"	20.8 Sft.
"C" & "D"	820.67'	8'-4"	56.9 Sft.

CULVERT ASSETS	
DESIGNATION NO.	CULVERT ASSET I.D.
1900321	CV 058-036-096.15

WINGWALL TABLE						
Designation	Top of Wingwall Elevation ①	Height of Wingwall ①	Top of Wingwall Elevation ②	Height of Wingwall ②	Length	Wingwall Area
"A"	816.76'	12'-3"	816.43'	11'-11"	8'-0"	96.8 Sft.
"B"	816.76'	14'-3"	813.43'	10'-11"	9'-0"	113.5 Sft.
"C"	820.67'	15'-0"	820.17'	14'-6"	30'-0"	444.7 Sft.
"D"	820.67'	15'-0"	816.67'	11'-0"	7'-0"	91.0 Sft.

NOT FOR CONSTRUCTION

DESIGNED: JGP	DRAWN: JGP
CHECKED: WAH	CHECKED: WAH

INDIANA DEPARTMENT OF TRANSPORTATION

STRUCTURE DETAILS

S.R. 58

HORIZONTAL SCALE AS SHOWN	BRIDGE FILE
VERTICAL SCALE AS SHOWN	DESIGNATION 1900321
SURVEY BOOK R-42313	SHEETS 10 of 31
	PROJECT 1900321

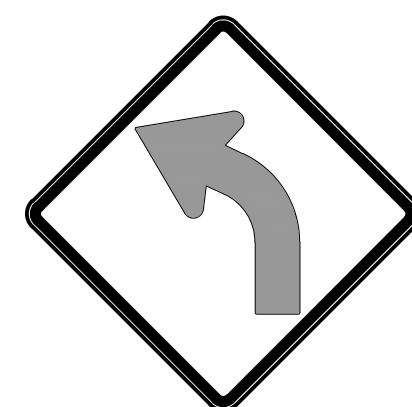
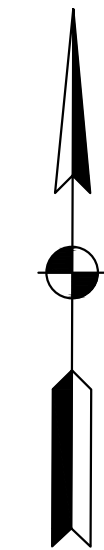
10+00

11+00

12+00

13+00

14+00



30 M.P.H.

Sta. 9+76 "A", Rt
W1-2(L) (36" x 36")
W13-1P(30)

BEGIN PROJECT
STA. 10+60.00 "A"

Line "A"

46

46

47

R/W

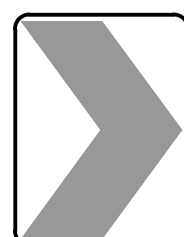
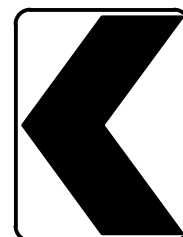
R/W

R/W

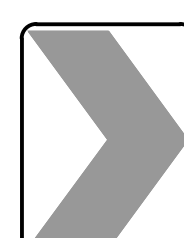
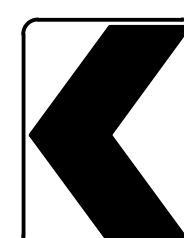
S.R. 58

END PROJECT
STA. 13+66.25 "A"

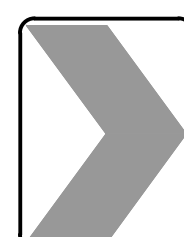
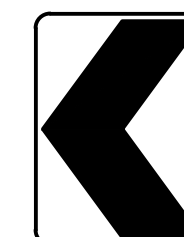
Sta. 11+45 "A", Rt
W1-8(L) (18" x 24")
W1-8(R) (18" x 24")



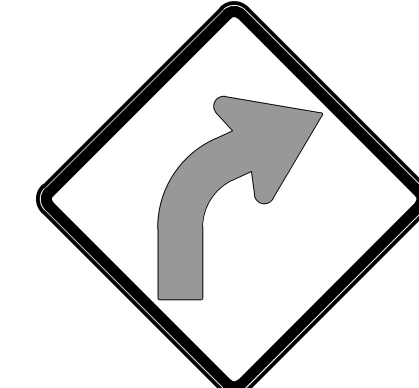
Sta. 12+25 "A", Rt
W1-8(L) (18" x 24")
W1-8(R) (18" x 24")



Sta. 13+05 "A", Rt
W1-8(L) (18" x 24")
W1-8(R) (18" x 24")



Sta. 15+03 "A", Lt.
W1-2(R) (36" x 36")
W13-1P(30)



30 M.P.H.

LEGEND

46 Line, Paint, Solid, White, 4"

47 Line, Paint, Solid, Yellow, 4"

NOT FOR CONSTRUCTION

DESIGNED: JGP DRAWN: JGP
CHECKED: WAH CHECKED: WAH

INDIANA DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS AND SIGNS
S.R. 58

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE 1" = 20'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 13 of 31
CONTRACT R-42313	PROJECT 1900321

PAVEMENT QUANTITIES AND APPROACH TABLE

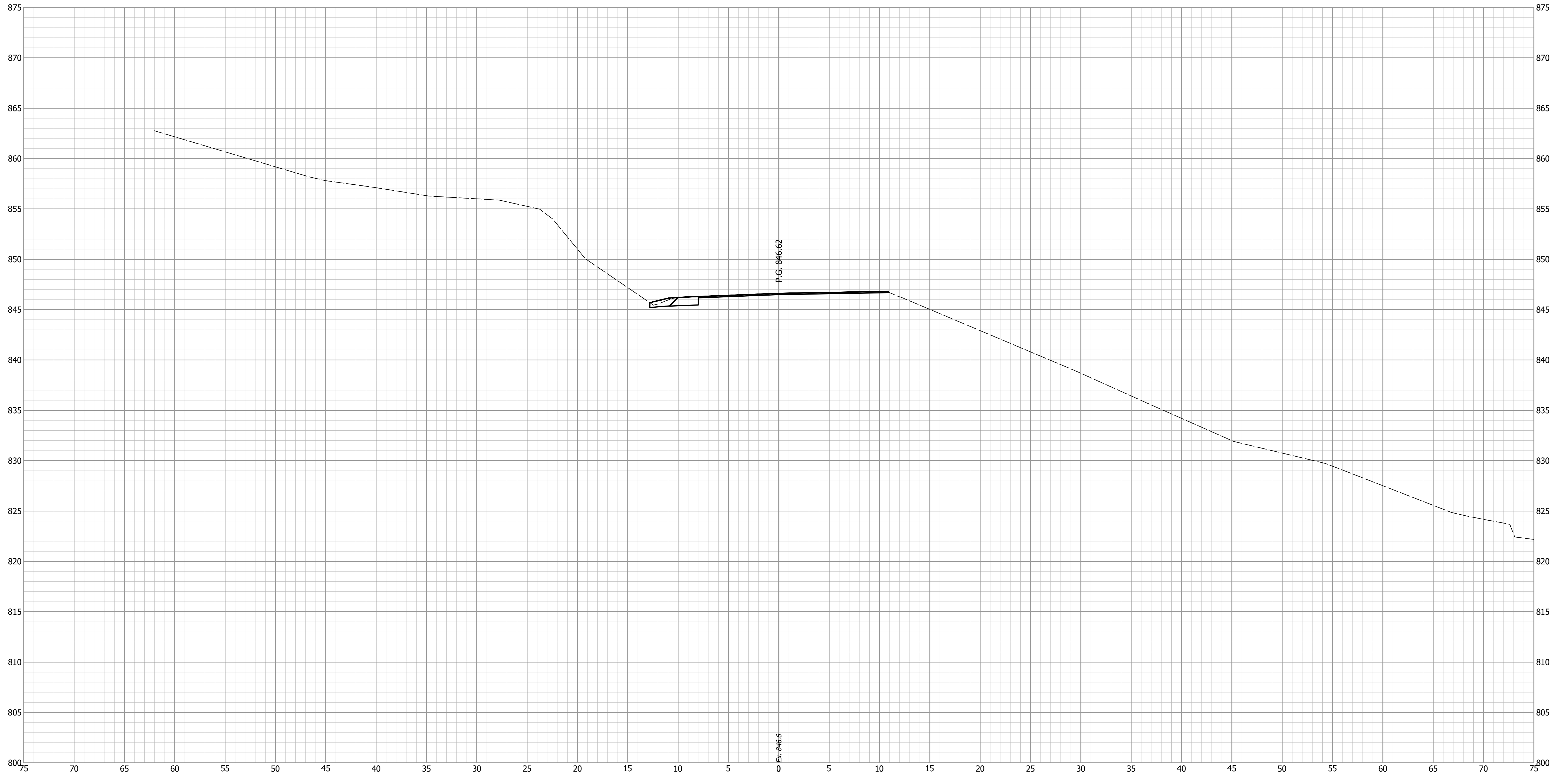
LOCATION (STATION)	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADI	DISTANCE BEYOND R/W LINE	SURFACE BEYOND R/W LINE			GRADE				EXCAVATION		CLEAR ZONE AT DRIVE	HMA FOR APPROACHES			HMA FOR PAVEMENT						SUBGRADE TREATMENT TYPE IC			SUBGRADE TREATMENT TYPE II			HMA MATERIAL FOR TACK COAT	JOINT ADHESIVE SURFACE	JOINT ADHESIVE INTERMEDIATE	LIQUID ASPHALT, SEALANT	COMPACTED AGGREGATE FOR BASE NO. 53		COMPACTED AGGREGATE FOR SURFACE NO. 53		PAVEMENT REMOVAL	REMARKS			
						COMPACTED ASGR. BASE	HMA	CONCRETE								HMA Type B	HMA Intermediate Type B		OC/QA, HMA, 3, 64, Surface 9.5 mm	OC/QA, HMA, 2, 64, Intermediate 19.0 mm	OC/QA, HMA, 2, 64, Base 19.0 mm	BASE . . .	BASE . . .	SURFACE . . .											INTERMEDIATE . . .	DEPTH		DEPTH					
						SYS	SYS	SYS	1	2	3	4	CUT	FILL		FT	SYS	SYS	SYS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	SYS	SYS	SYS	LFT					LFT	LFT	TONS	TONS			TONS	TONS	SYS
						FT	FT	FT	FT	FT	%	%	%	%		CYS	CYS	FT	SYS	SYS	SYS	TONS	TONS	TONS	TONS	TONS	TONS	SYS	SYS	SYS					LFT	LFT	LFT	TONS			TONS	TONS	TONS
Mainline Line "A"																																											
Sta. 10+60.00 to 13+66.25																																											
13+42, Rt.	Mod. Cl. II Drive	24	18	10/10					0.0	+12.4																																	

STRUCTURE DATA TABLE

STRUCTURE NUMBER	LOCATION				SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	SKEW	COVER	FLOW LINE		RIM ELEVATION	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	AGGREGATE, NO. 5	STRUCTURE BACKFILL TYPE 2	STRUCTURE BACKFILL TYPE 5	CLASS 1 RIPRAP	GEOTEXTILES FOR RIPRAP, TYPE 1A	MOD. CONCRETE PIPE ANCHOR	CONCRETE PIPE ANCHOR	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR. NO.	REMARKS							
	STATION	LEFT	RIGHT	CROSS							OFFSET	UP STREAM													DOWN STREAM	TONS	CYS	CYS	TONS	SYS			EA	EA	TYPE	SLOPE	EA	SLOPE	EA
10	13+00.00 "A"			X		7' x 4'						Reinforced Conc. Box Culvert	46	28° Rt.																									6" Sump

BEGIN PROJECT
STA. 10+60.00 "A"

10+60



P.C. 846.62

P.C. 846.62

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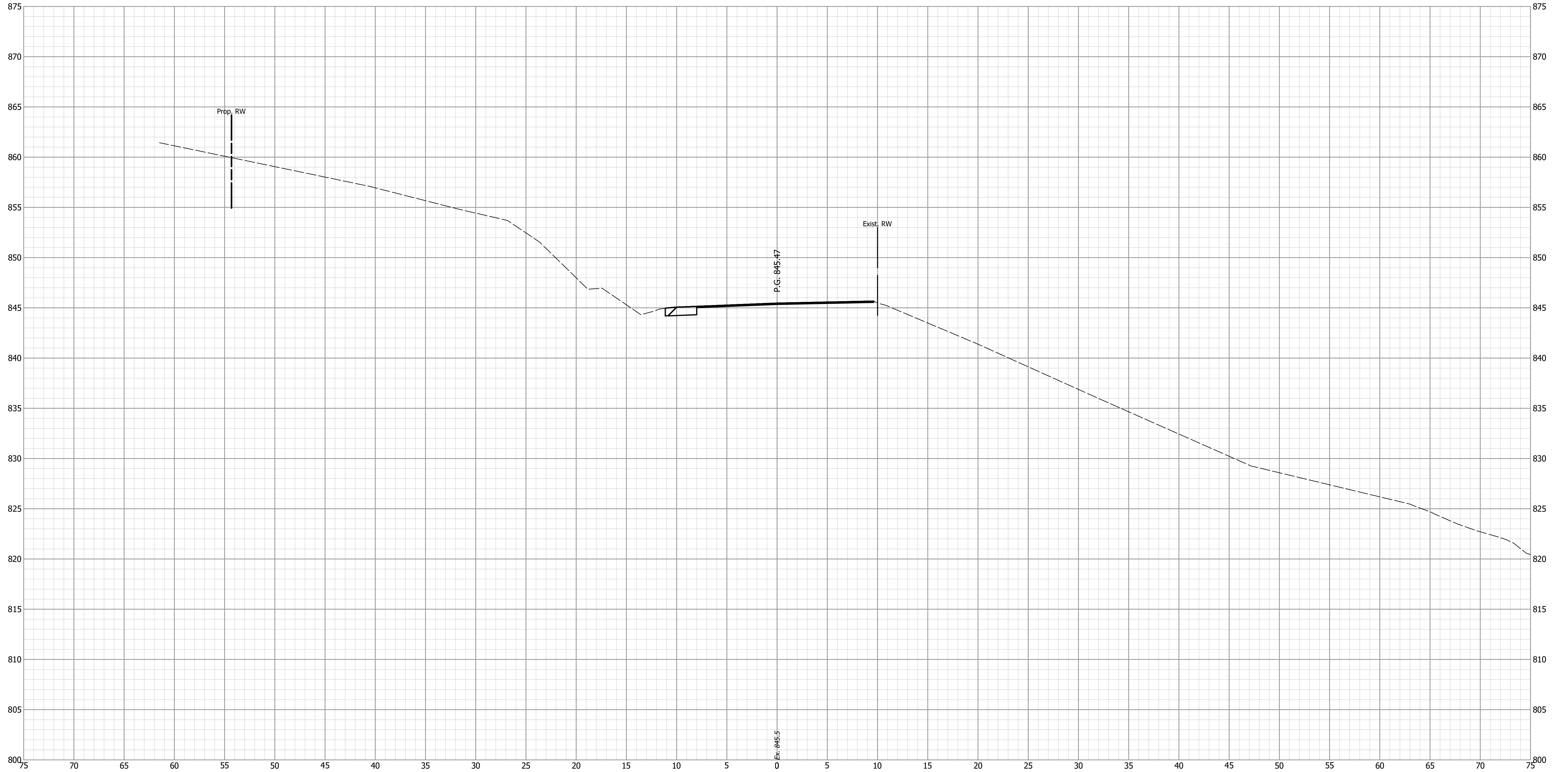
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CHECKED: WAH	CHECKED: WAH

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
S.R. 58**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 15 of 31
CONTRACT R-42313	PROJECT 1900321

10+75



Ex: 845.5

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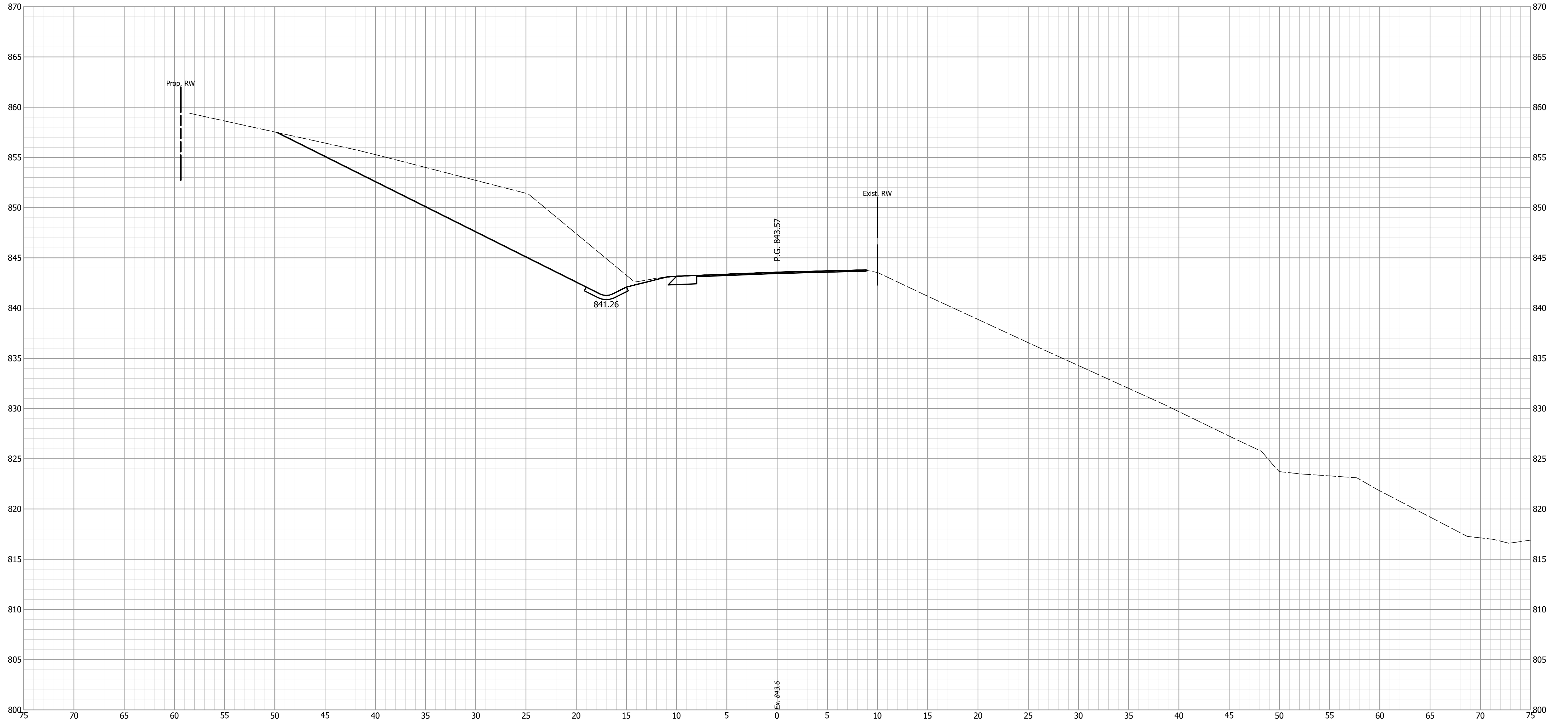
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CHECKED: WAH	CHECKED: WAH

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
S.R. 58

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 16 of 31
CONTRACT R-42313	PROJECT 1900321

11+00



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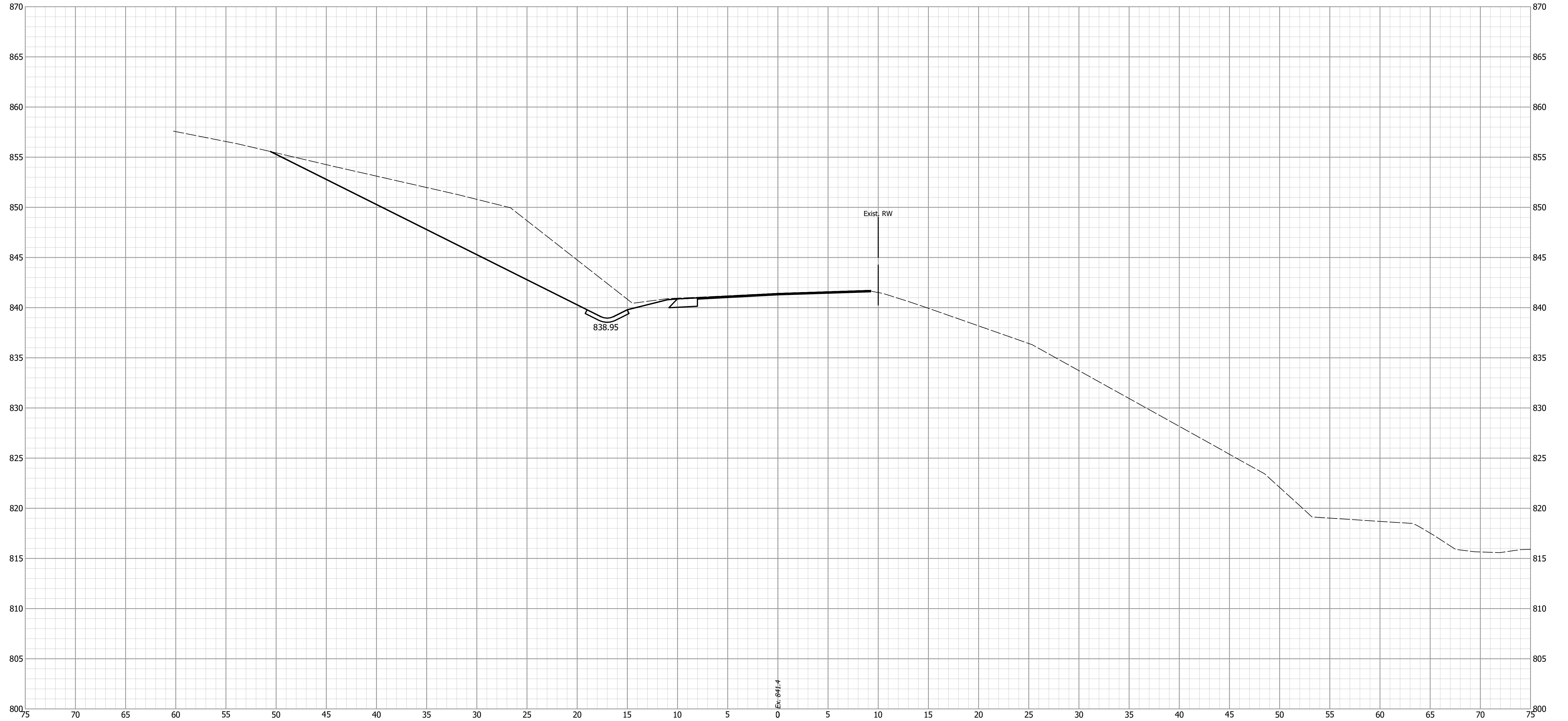
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
S.R. 58

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 17 of 31
CONTRACT R-42313	PROJECT 1900321

11+25



E: 844.4

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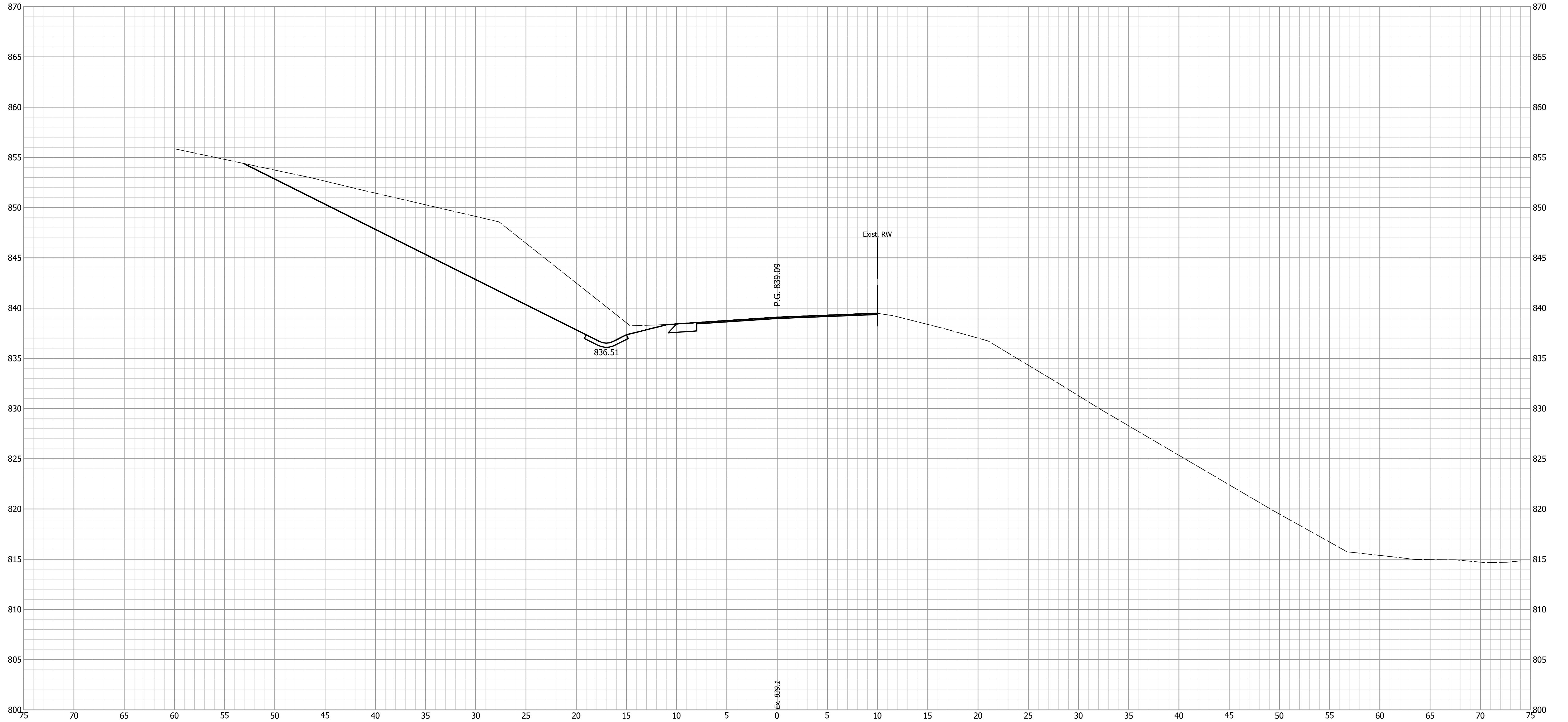
DESIGNED: JGP CHECKED: WAH	DRAWN: JGP CHECKED: WAH
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
S.R. 58

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 18 of 31
CONTRACT R-42313	PROJECT 1900321

11+50



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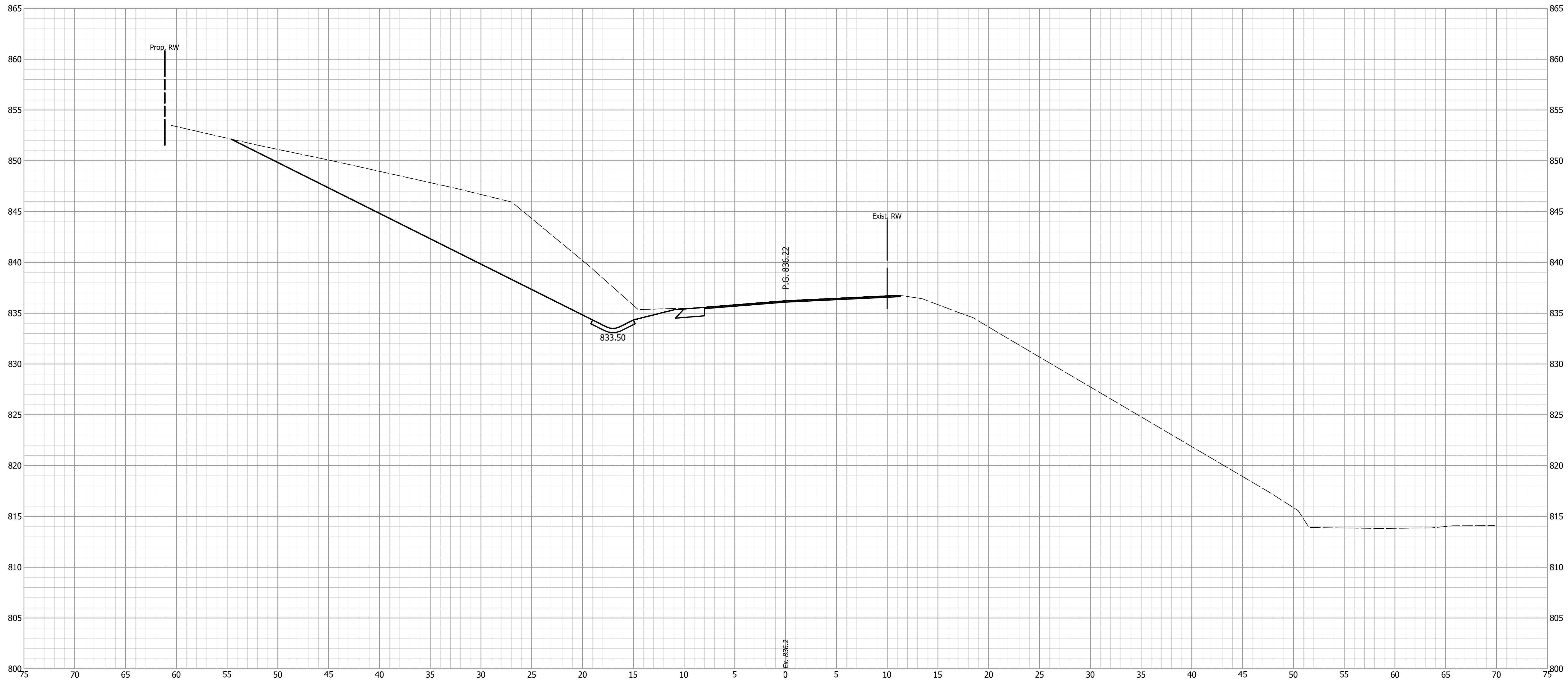
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
S.R. 58

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 19 of 31
CONTRACT R-42313	PROJECT 1900321

11+75



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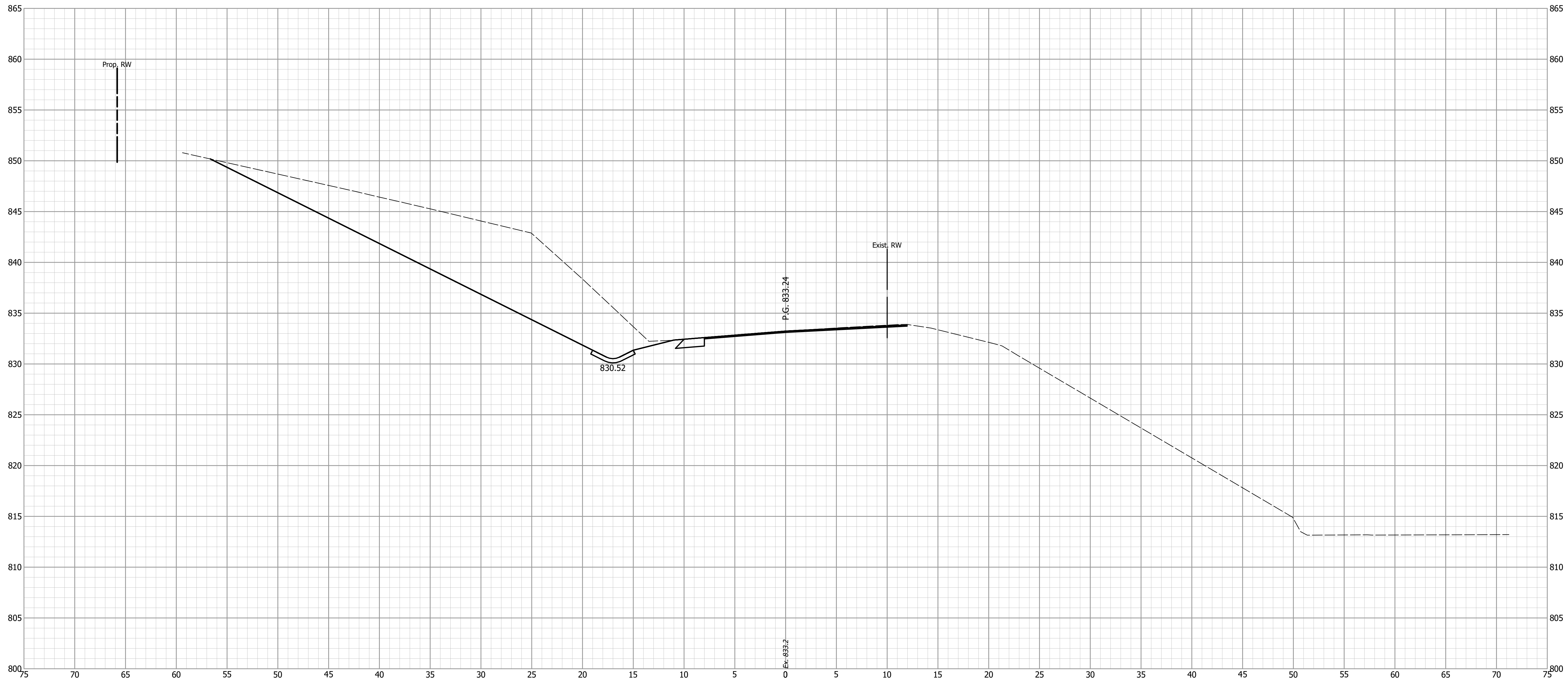
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CHECKED: WAH	CHECKED: WAH

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
S.R. 58

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 20 of 31
CONTRACT R-42313	PROJECT 1900321

12+00



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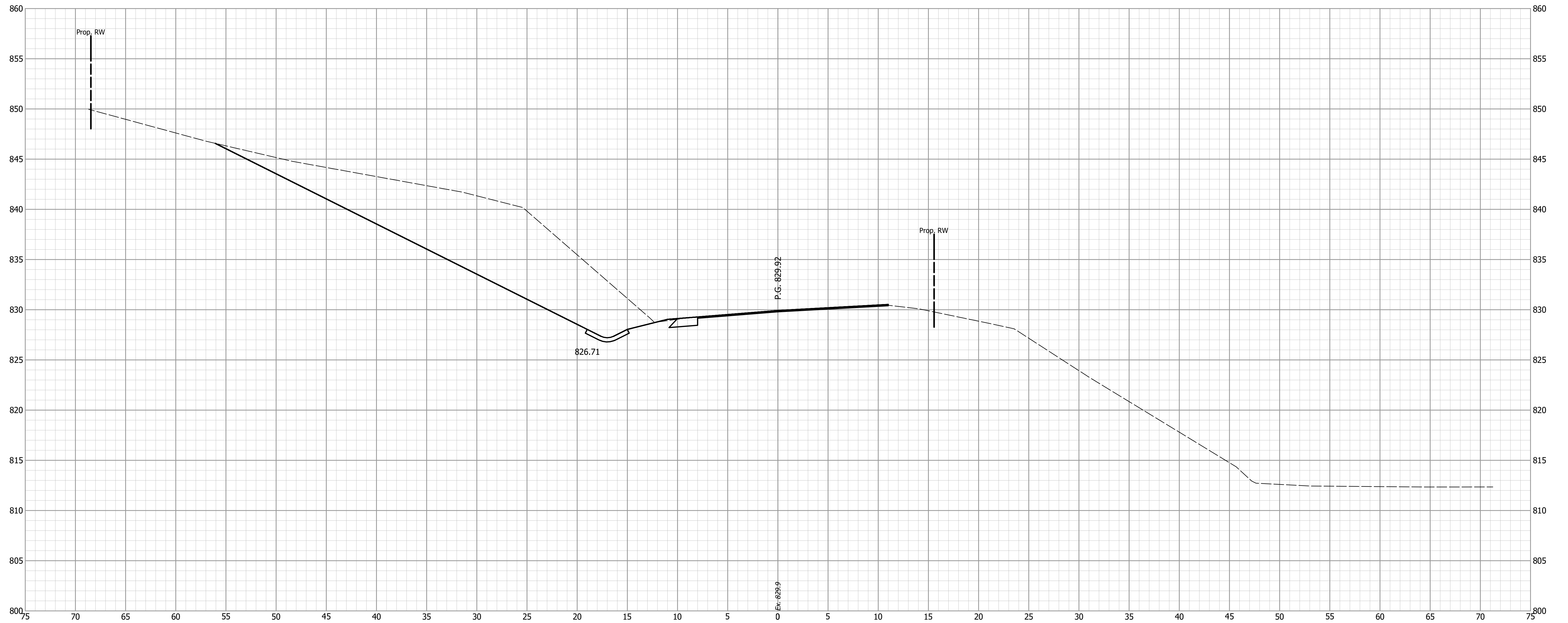
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CHECKED: WAH	CHECKED: WAH

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
S.R. 58

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 21 of 31
CONTRACT R-42313	PROJECT 1900321

12+25



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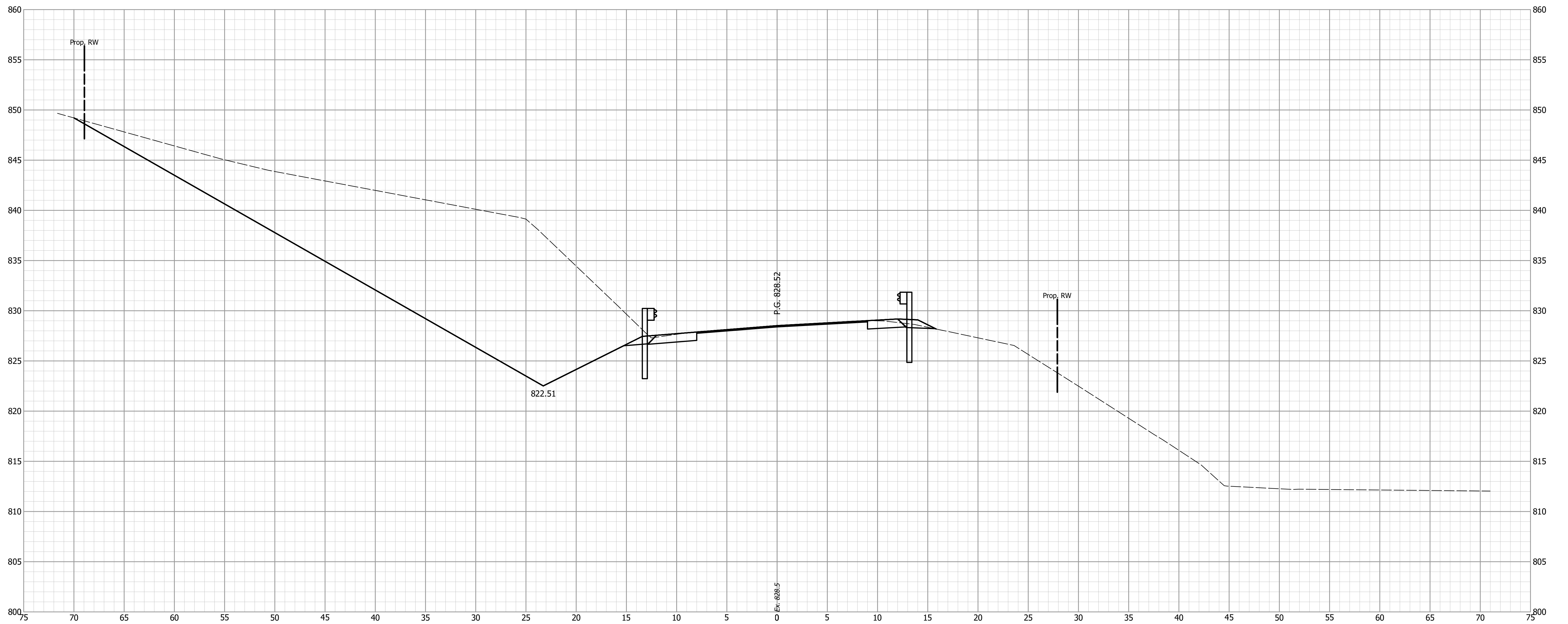
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CHECKED: WAH	CHECKED: WAH

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
S.R. 58

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 22 of 31
CONTRACT R-42313	PROJECT 1900321

12+35



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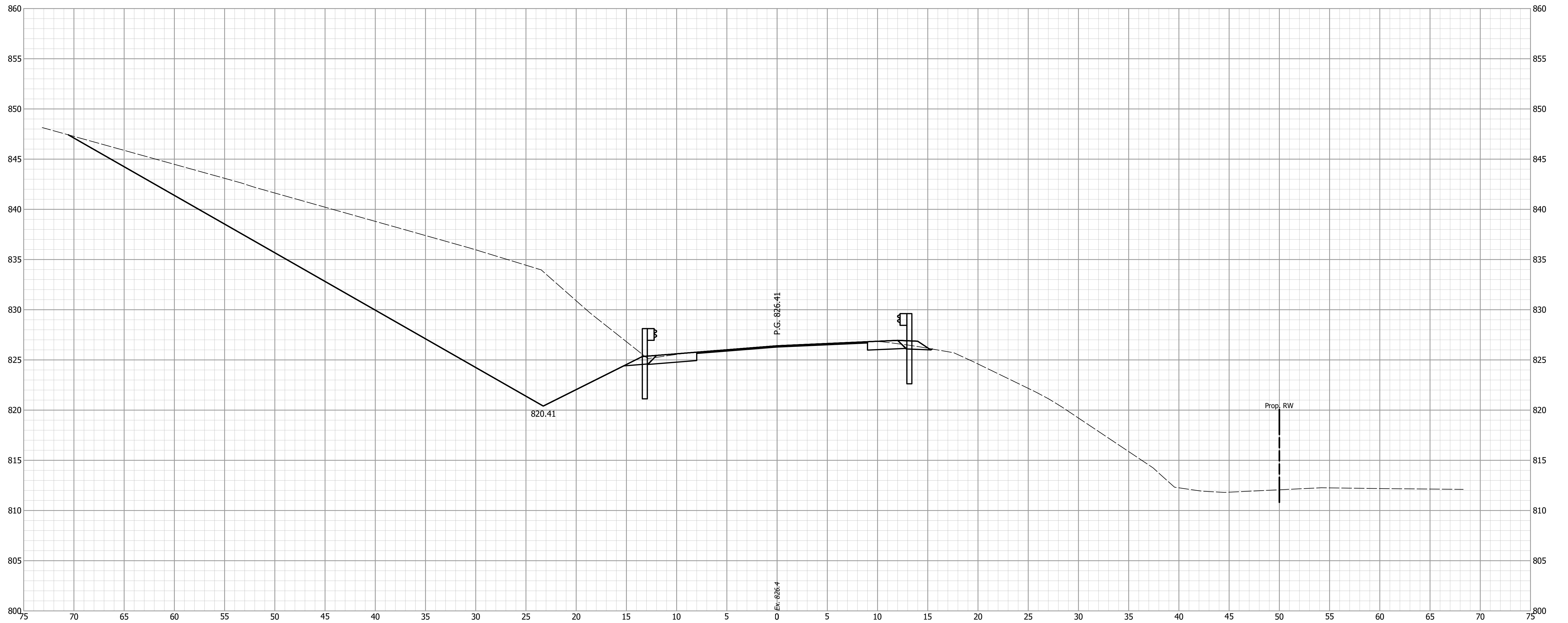
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
S.R. 58

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 23 of 31
CONTRACT R-42313	PROJECT 1900321

12+50



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DESIGNED: JGP	DRAWN: JGP
CHECKED: WAH	CHECKED: WAH

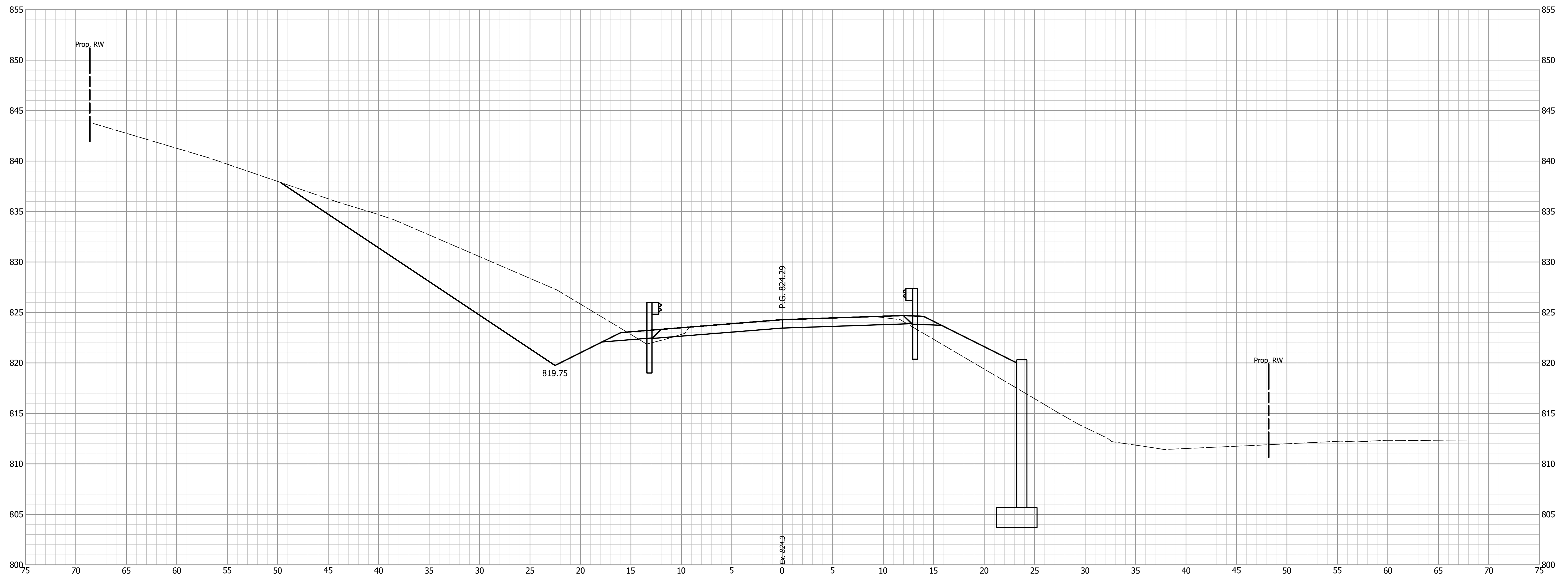
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
S.R. 58

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 24 of 31
CONTRACT R-42313	PROJECT 1900321

BEGIN FULL DEPTH
CONSTRUCTION STA. 12+65.00 "A"

12+65



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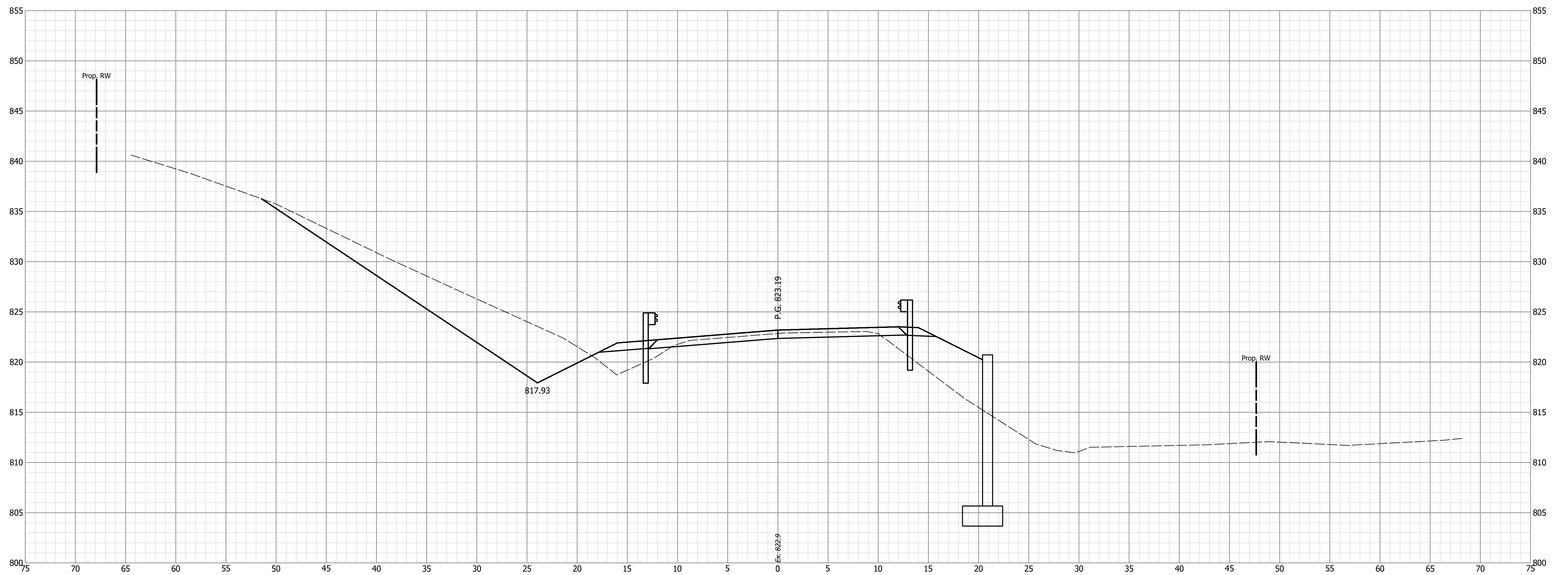
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
S.R. 58

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 25 of 31
CONTRACT R-42313	PROJECT 1900321

12+75



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DESIGNED: JGP	DRAWN: JGP
CHECKED: WAH	CHECKED: WAH

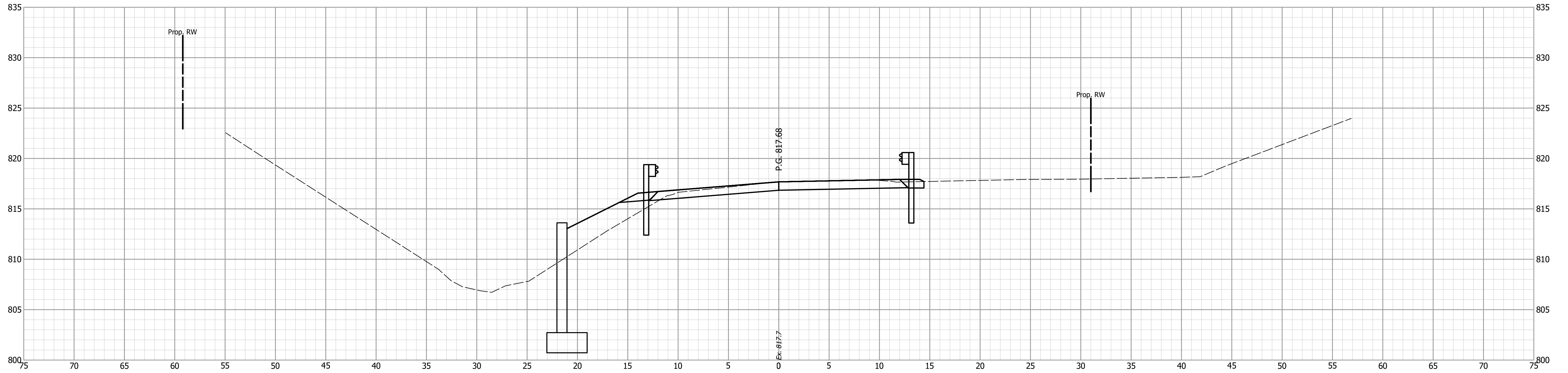
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
S.R. 58

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 26 of 31
CONTRACT R-42313	PROJECT 1900321

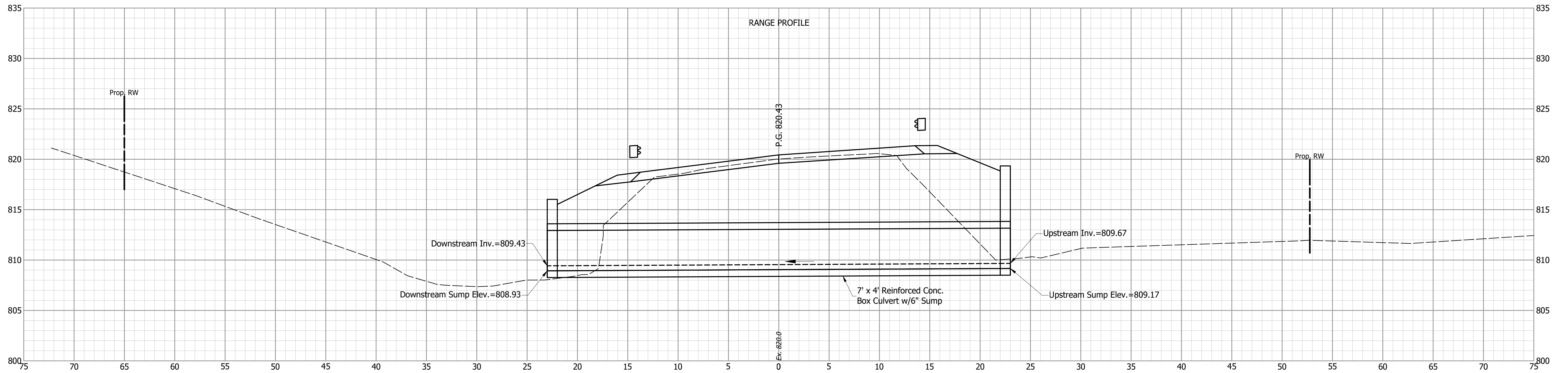
END FULL DEPTH CONSTRUCTION
STA. 13+25.00 "A"

13+25



13+00

RANGE PROFILE



INDIANA
DEPARTMENT OF TRANSPORTATION

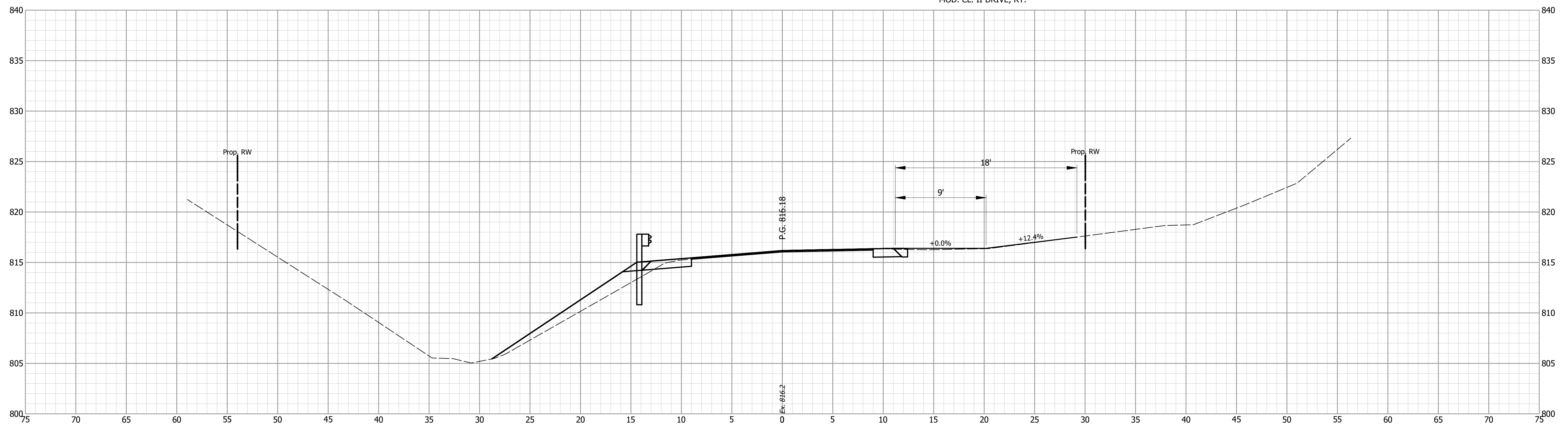
CROSS SECTIONS
S.R. 58

DESIGNED: JGP DRAWN: JGP
CHECKED: WAH CHECKED: WAH

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 27 of 31
CONTRACT R-42313	PROJECT 1900321

13+42

MOD. CL. II DRIVE, RT.



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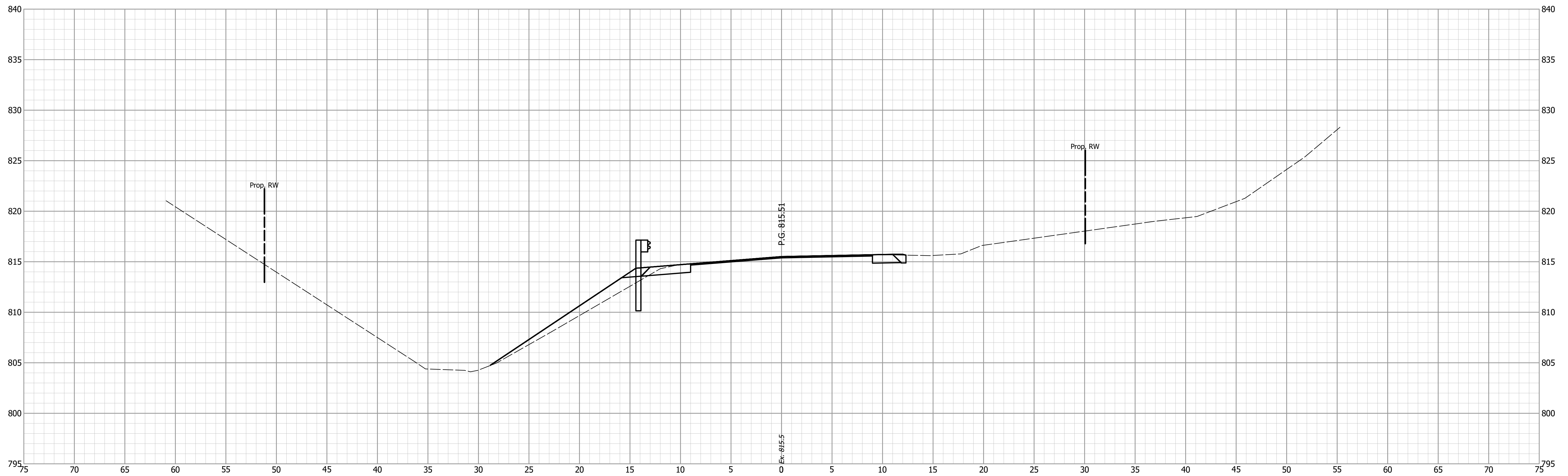
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
S.R. 58

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1900321
SURVEY BOOK	SHEETS
CONTRACT R-42313	28 of 31 PROJECT 1900321

13+50



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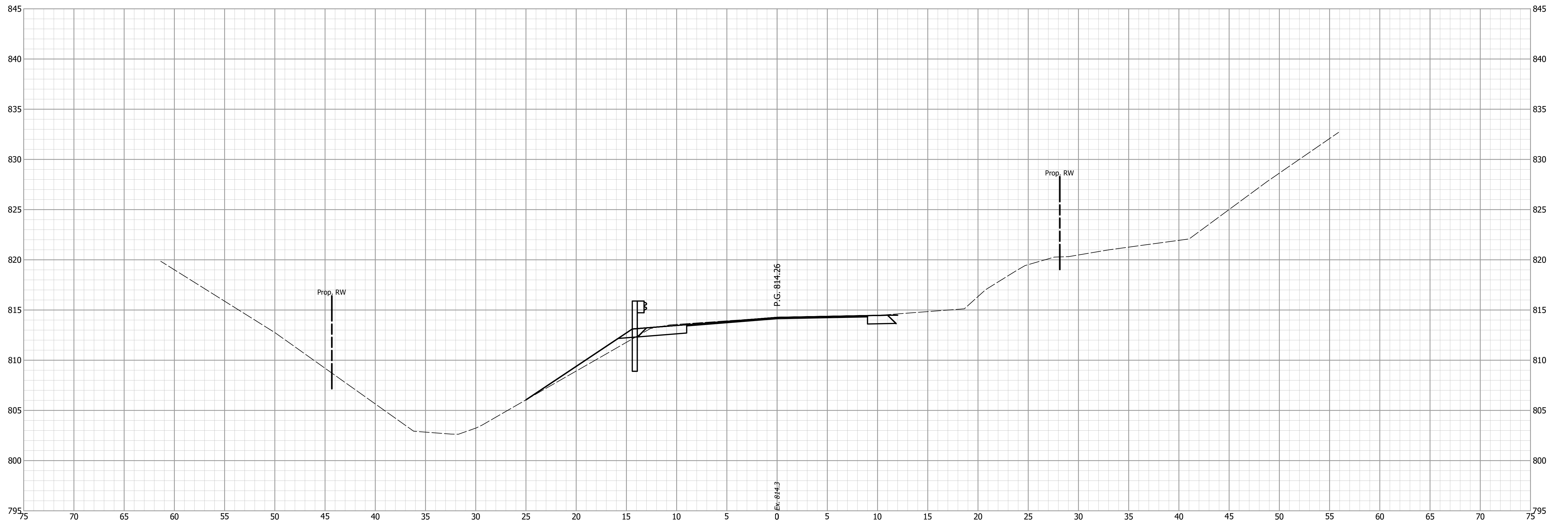
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
S.R. 58

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 29 of 31
CONTRACT R-42313	PROJECT 1900321

END PROJECT STA.
10+66.25 "A"
13+66.25



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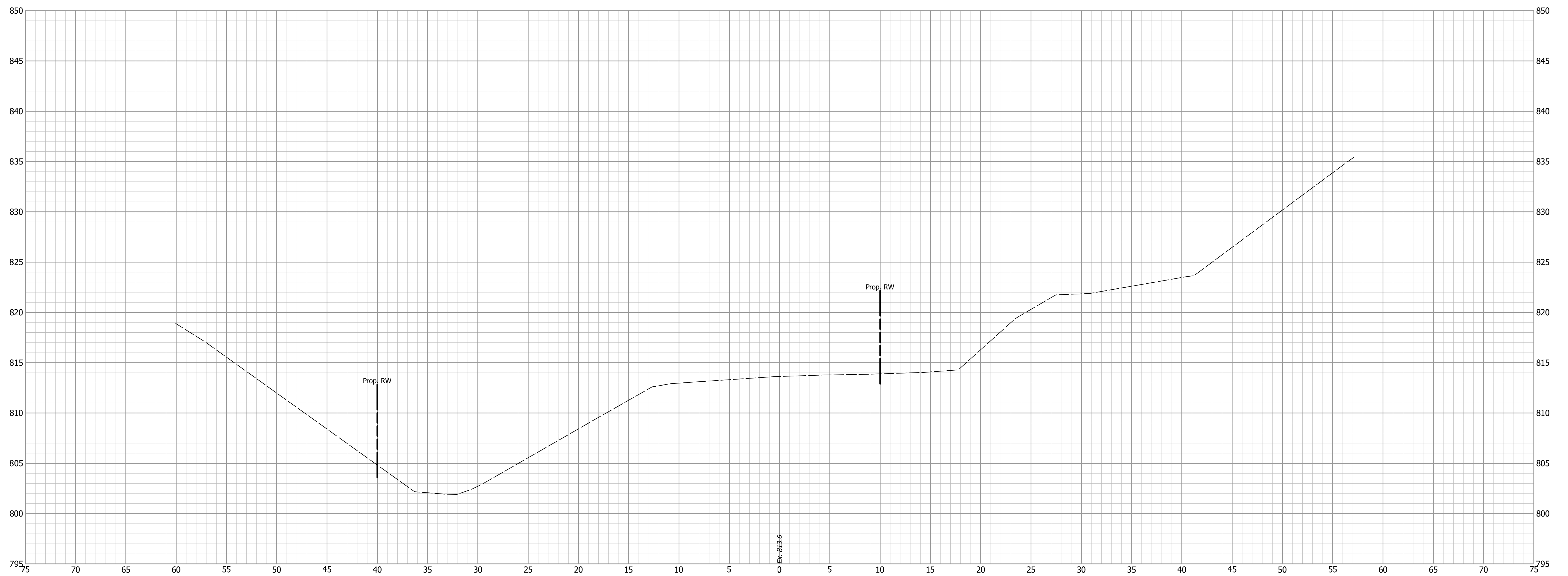
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**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
S.R. 58**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 30 of 31
CONTRACT R-42313	PROJECT 1900321

13+75



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DESIGNED: JGP	DRAWN: JGP
CHECKED: WAH	CHECKED: WAH

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
S.R. 58

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 1900321
SURVEY BOOK	SHEETS 31 of 31
CONTRACT R-42313	PROJECT 1900321