

GDH — 8/19/2025 1:44 PM — U:\2023\202318 INDOT SR2 Roundabout\Cad\Plan Set\Civil\231800TR_CS.dwg

DESIGNATION
2200043
CONTRACT
R-44648

CULVERT ASSETS		
DES. NO.	CULVERT ASSET ID	WORK TYPE
2200043	Sta. 926+50.00 "A"	New Culvert
2200043	Sta. 48+75.00 "S-1-A"	New Culvert
2200043	Sta. 929+60.00 "A"	New Culvert

INDIANA DEPARTMENT OF TRANSPORTATION

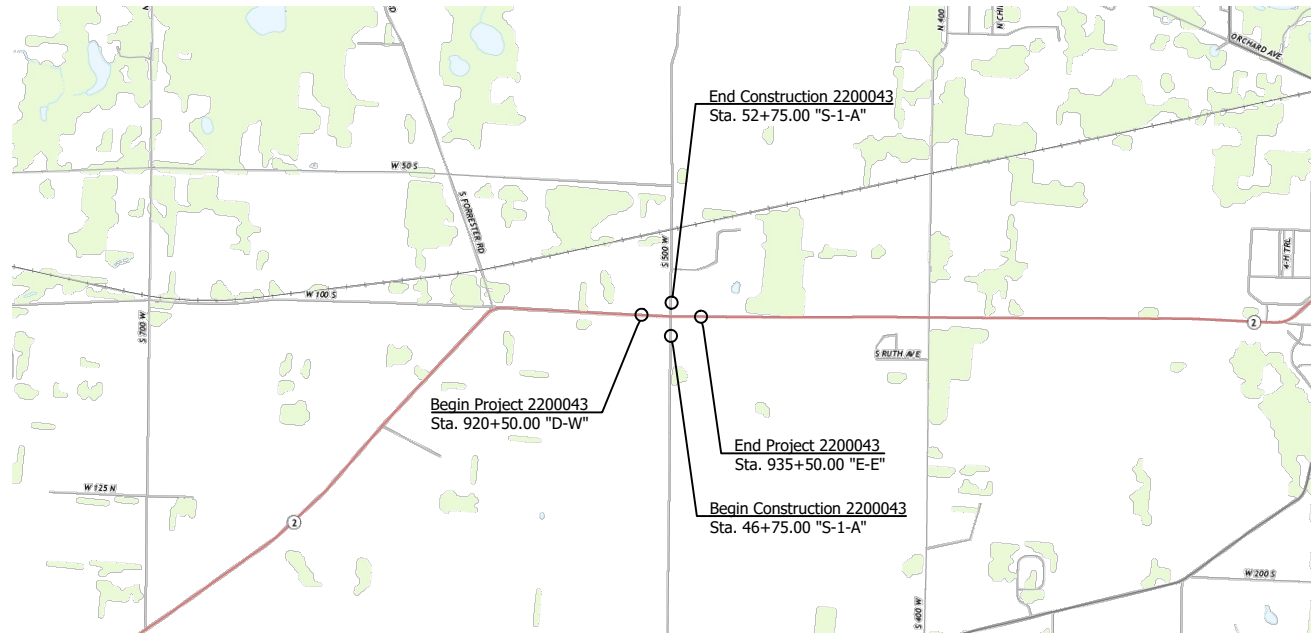


ROAD PLANS

ROUTE: S.R. 2 AT: 55+04

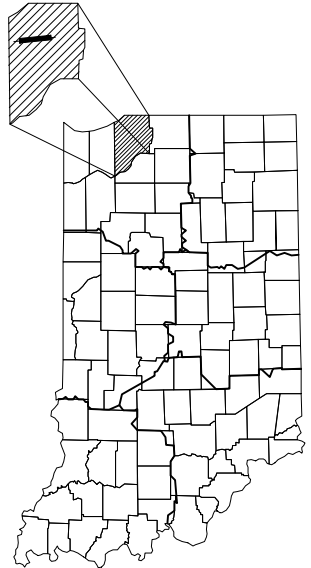
DESIGNATION NO. 2200043

Roundabout Intersection Improvement
on S.R. 2 at CR 500 W, 3.27 Miles West of S.R. 39
Sections 5, 6, 7, & 8, T-36-N, R-3-W, Scipio Township, La Porte County, Indiana



LOCATION MAP
LA PORTE COUNTY

TRAFFIC DATA	S.R. 2	CR 500 W
A.A.D.T. (2027)	9,008 V.P.D.	2,249 V.P.D.
A.A.D.T. (2047)	9,668 V.P.D.	2,249 V.P.D.
D.H.V. (2047)	1,001 V.P.H.	224 V.P.H.
DIRECTIONAL DISTRIBUTION	48.90 %	51.49 %
TRUCKS	5.08 % A.A.D.T.	1.73 % A.A.D.T.
	1.97 % D.H.V.	1.34 % D.H.V.
DESIGN DATA		
DESIGN SPEED	55 MPH	30 AND 40 MPH
PROJECT DESIGN CRITERIA	RECONSTRUCTION (NON-FREEWAY)	RECONSTRUCTION (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL	LOCAL AGENCY COLLECTOR
RURAL/URBAN	RURAL	RURAL
TERRAIN	LEVEL	LEVEL
ACCESS CONTROL	NONE	NONE

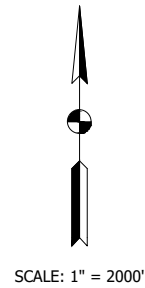


PROJECT LOCATION SHOWN BY
LA PORTE COUNTY

LATITUDE: 41°35'29" N LONGITUDE: 86°47'53" W

GROSS LENGTH: 0.284 MI.
NET LENGTH: 0.284 MI.
MAX. GRADE: 1.68 %

HUC: 071200010406



INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2026
TO BE USED WITH THESE PLANS

LFA

LAWSON-FISHER ASSOCIATES P.C.

525 W. WASHINGTON AVENUE
SOUTH BEND, INDIANA 46601
PH. (574) 234-3167

NOT FOR
CONSTRUCTION

PLANS PREPARED BY:	LAWSON-FISHER ASSOCIATES P.C.	574-234-3167 PHONE NUMBER
CERTIFIED BY:		DATE
RECOMMENDED FOR LETTING:	INDIANA DEPARTMENT OF TRANSPORTATION	DATE

DESIGNATION
2200043
SHEETS
1 of 70
CONTRACT
R-44648

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UTILITIES		
UTILITY	OWNER	ADDRESS
CABLE -	Comcast	688 Industrial Dr.
	Contact: Larry Smith Phone: (224)229-5849 Email: larry_smith3@comcast.com	Elmhurst, IL 60126
COMMUNICATIONS -	ACME Communications	618 Franklin St.
	Contact: Bradley Hutchinson Phone: (219)809-0305 Email: bradley@mse.adsnet.com	Michigan City, IN 46360
ELECTRIC -	NIPSCO Electric (LaPorte)	1155 Troutwine Rd.
	Contact: Zac Topoll (DVG Engineering) Phone: (219)921-4441 Email: ztopoll@dvgtteam.com	Crown Point, IN 46307
FIBER OPTIC -	ACME Communications	618 Franklin St.
	Contact: Bradley Hutchinson Phone: (219)809-0305 Email: bradley@mse.adsnet.com	Michigan City, IN 46360
	US Signal	201 Iona Ave. S.W.
	Contact: Jim Engels Phone: (630)454-8070 Email: jengles@tkns.net	Grand Rapids, MI 46701
GAS -	NIPSCO Gas (LaPorte)	1502 W. S.R. 2
	Contact: Lisa Taylor Phone: (219)379-7168 Email: letaylor@nisource.com	La Porte, IN 46350
TELEPHONE -	Frontier	1502 Magnavox Way, Suite 100
	Contact: Richard Ferris (Troyer Group) Phone: (260)387-0799 Email: rferris@troyergroup.com	Fort Wayne, IN 46804



INDIANA UNDERGROUND
1-800-382-5544 OR CALL 811
24 HOURS A DAY 7 DAYS A WEEK

GENERAL NOTES
All earth shoulders, median area, 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.
It is the Contractor's responsibility to contact any and all utility companies within the limits of this project 3 weeks prior to any construction.
This set of plans shall not be construed to be a property retracement survey. Where apparent property lines, corners, subdivision or section corner information is shown, it is based on physical evidence or testimony.

INDEX	
SHEET NO.	DRAWINGS INDEX
1	Title Sheet
2	Index and General Notes
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15 - 29	Plan and Profiles
30	Inline Detention Basin Plan
31	Detention Basin Plan
32	Lighting Plan
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37	Pavement Marking Summary Table
38	Pavement Quantities and Approach Table
39	Underdrain Table
40	Structure Data Table
41	Right-of-Way & Monument Summary Table
42	Sheet Summary Sign Table
43 - 70	Cross Sections

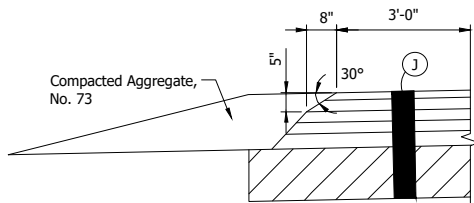
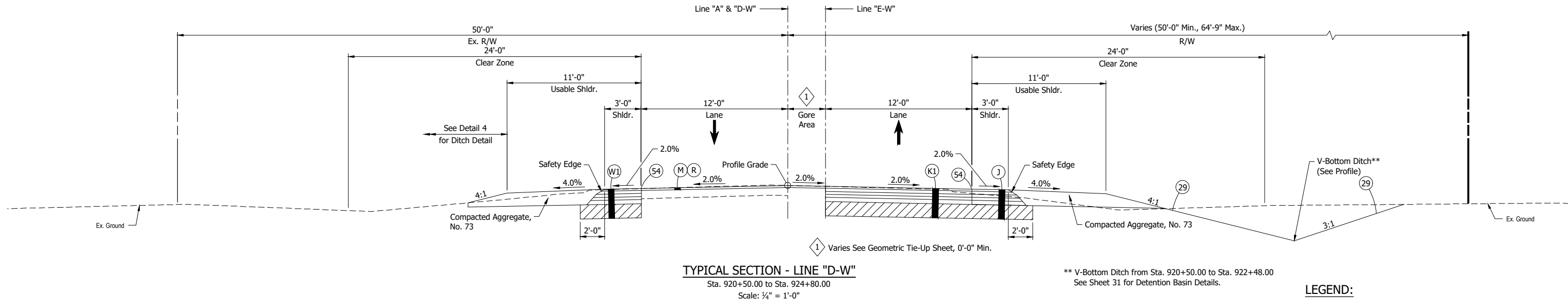
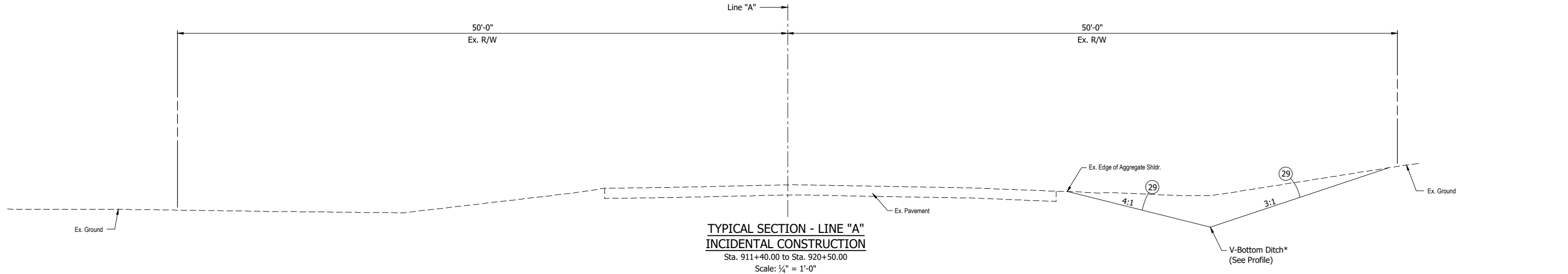
REVISIONS		
SHEET NO.	DATE	REVISED

NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	
DESIGNED: DDE	DRAWN: PJV
CHECKED: DGA	CHECKED: DGA

INDIANA DEPARTMENT OF TRANSPORTATION	SCALE	BRIDGE FILE
		DESIGNATION 2200043
		SHEETS 2 of 70
INDEX AND GENERAL NOTES		CONTRACT R-44648

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- LEGEND:**
- (J) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on 330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 4 in. Compacted Aggregate No. 53 on Subgrade Treatment, Type IBC
 - (K1) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on 330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 4 in. Compacted Aggregate No. 53 on Subgrade Treatment, Type IBC
 - (M) Milling, Profile (0" - 2")
 - (R) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5 mm
 - (W1) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on Widening with HMA, Type B: 330 #/sys HMA Intermediate, Type B on 330 #/sys HMA Base, Type B on 330 #/sys HMA Base, Type B on 4 in. Compacted Aggregate No. 53 on Subgrade Treatment, Type IBC
 - (29) Seed Mixture, R Mulching Fertilizer
 - (54) Milled HMA Corrugations, Sinusoidal (Edgeline)

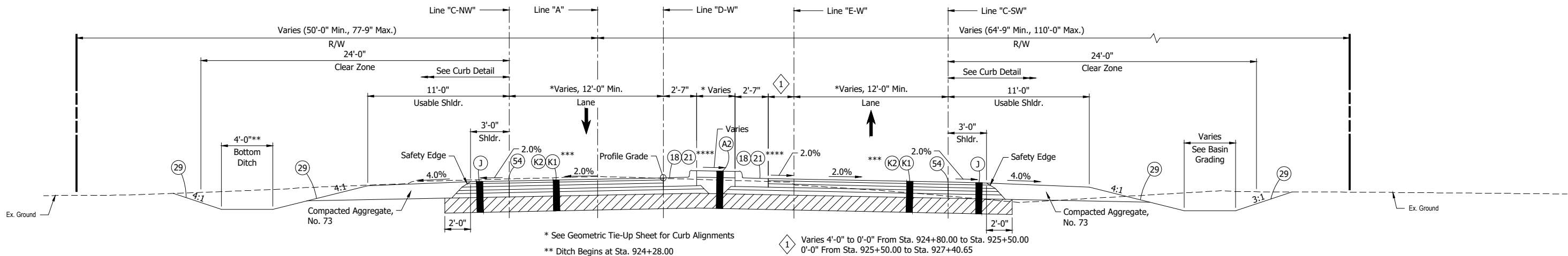
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CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	
DESIGNED: DDE	DRAWN: GDH
CHECKED: DGA	CHECKED: DGA

INDIANA DEPARTMENT OF TRANSPORTATION	
TYPICAL SECTIONS LINE "A" AND "D-W"	

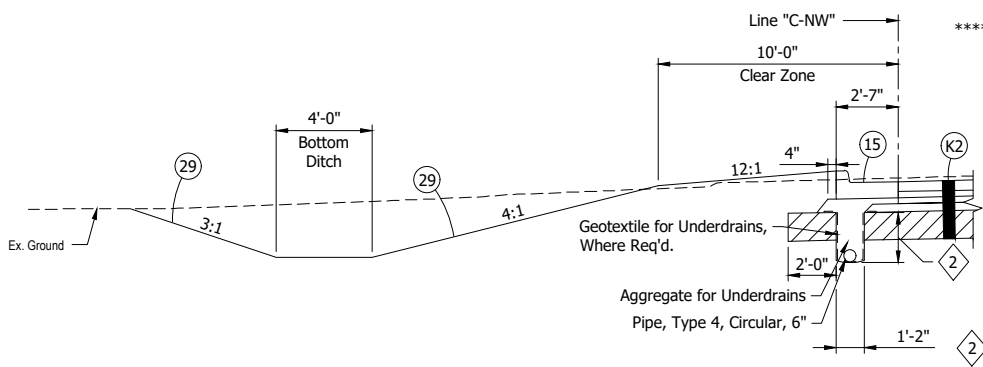
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	DESIGNATION 2200043
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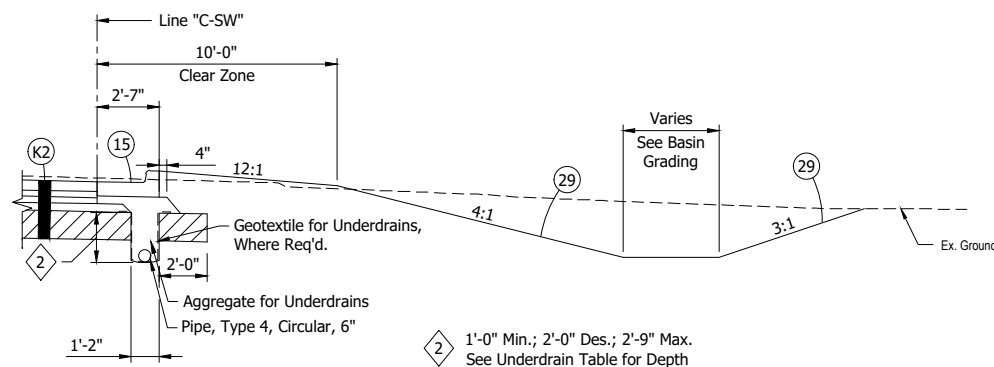


* See Geometric Tie-Up Sheet for Curb Alignments
** Ditch Begins at Sta. 924+28.00
*** (K1) From Sta. 924+80.00 to Sta. 926+56.00
(K2) From Sta. 926+56.00 to Sta. 927+40.65
**** (21) From Sta. 924+80.00 to Sta. 925+80.00
(18) From Sta. 925+80.00 to Sta. 927+40.65

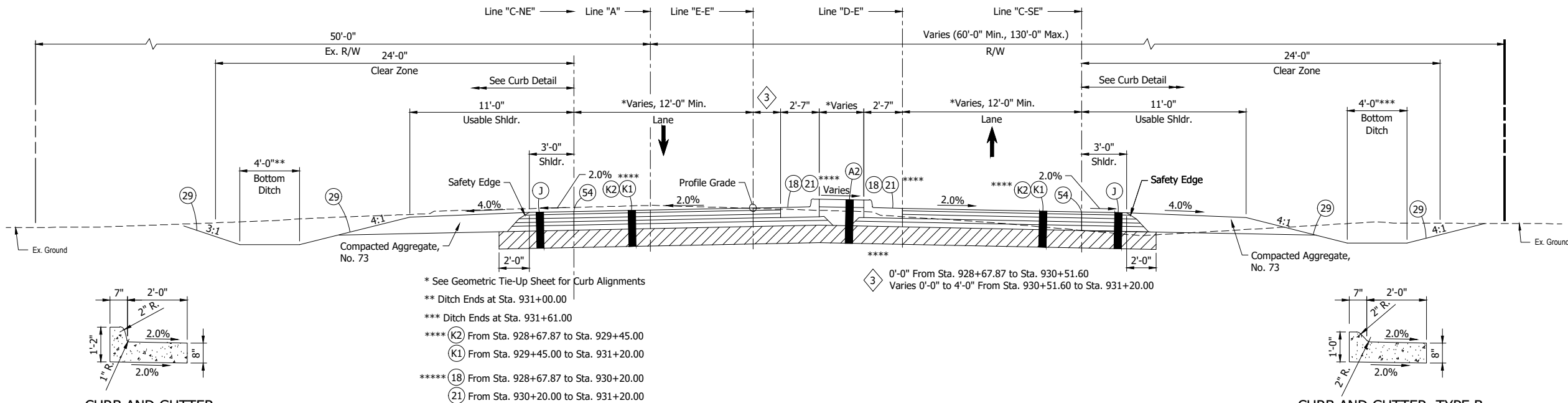
TYPICAL SECTION - LINE "D-W"
Sta. 924+80.00 to Sta. 927+40.65
Scale: 1/4" = 1'-0"



CURB DETAIL
Sta. 926+55.00 to Sta. 928+48.00 Line "C-NW"
Sta. 927+44.00 to Sta. 929+45.00 Line "C-NE"
Scale: 1/4" = 1'-0"



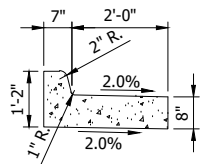
CURB DETAIL
Sta. 926+56.00 to Sta. 928+71.00 Line "C-SW"
Sta. 927+33.00 to Sta. 929+47.00 Line "C-SE"
Scale: 1/4" = 1'-0"



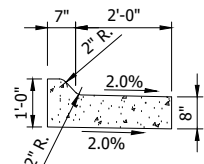
3 0'-0" From Sta. 928+67.87 to Sta. 930+51.60
Varies 0'-0" to 4'-0" From Sta. 930+51.60 to Sta. 931+20.00

* See Geometric Tie-Up Sheet for Curb Alignments
** Ditch Ends at Sta. 931+00.00
*** Ditch Ends at Sta. 931+61.00
**** (K2) From Sta. 928+67.87 to Sta. 929+45.00
(K1) From Sta. 929+45.00 to Sta. 931+20.00
***** (18) From Sta. 928+67.87 to Sta. 930+20.00
(21) From Sta. 930+20.00 to Sta. 931+20.00

TYPICAL SECTION - LINE "E-E"
Sta. 928+67.87 to Sta. 931+20.00
Scale: 1/4" = 1'-0"



CURB AND GUTTER, COMBINED, MODIFIED, REVERSE
Scale: 1/2" = 1'-0"



CURB AND GUTTER, TYPE B COMBINED, MODIFIED, REVERSE
Scale: 1/2" = 1'-0"

LEGEND:

- (A2) Color PCCP, 6" on 13" - 15" Compacted Aggregate, No. 53 on (To Match Subgrade Treatment Elevation) Geotextile for Pavement, Type 2A on Subgrade Treatment, Type IBC
- (J) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on 330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 4 in. Compacted Aggregate No. 53 on Subgrade Treatment, Type IBC
- (K1) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on 330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 4 in. Compacted Aggregate No. 53 on Subgrade Treatment, Type IBC
- (K2) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on 330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 300 #/sys QC/QA-HMA, 4, 58E, Intermediate, OG, 19.0mm 4 in. Compacted Aggregate No. 53 on Geotextile for Pavement, Type 2A on Subgrade Treatment, Type IBC
- (15) Curb and Gutter, Combined
- (18) Curb and Gutter, Combined Modified, Reverse
- (21) Curb and Gutter, Type B, Combined Modified, Reverse
- (29) Seed Mixture, R Mulching Fertilizer
- (54) Milled HMA Corrugations, Sinusoidal (Edgeline)

NOT FOR CONSTRUCTION

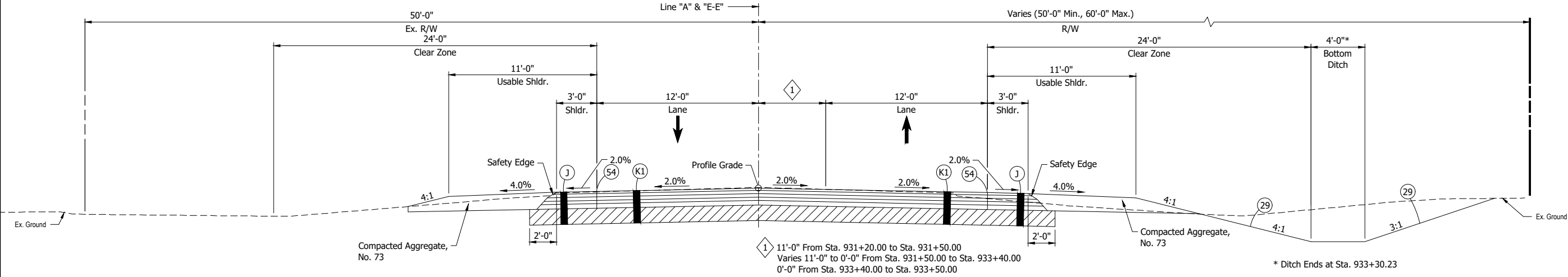
RECOMMENDED FOR APPROVAL	
DESIGNED: DDE	DRAWN: GDH
CHECKED: DGA	CHECKED: DGA

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
LINE "D-W" & "E-E"

SCALE	BRIDGE FILE
AS NOTED	
DESIGNATION	
2200043	
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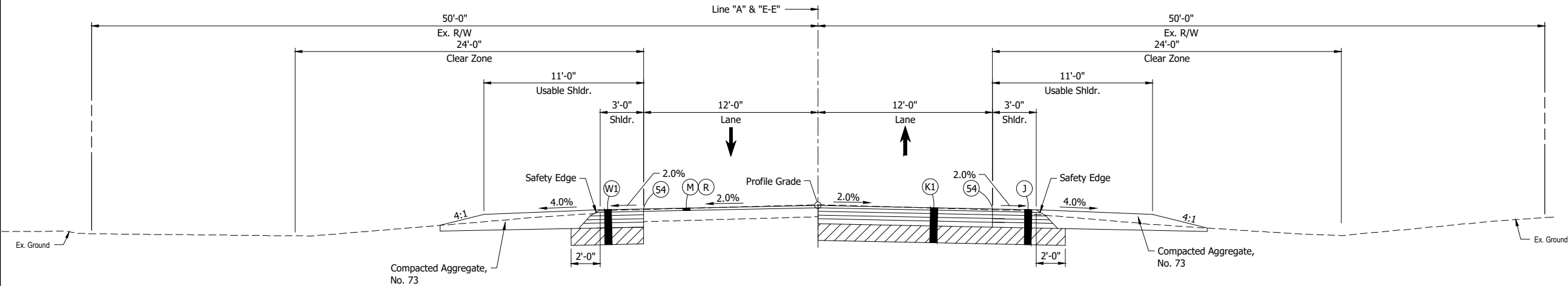
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TYPICAL SECTION - LINE "E-E"

Sta. 931+20.00 to Sta. 933+50.00

Scale: 1/4" = 1'-0"



TYPICAL SECTION - LINE "E-E"

Sta. 933+50.00 to Sta. 935+50.00

Scale: 1/4" = 1'-0"

LEGEND:

- (J) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on 330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 4 in. Compacted Aggregate No. 53 on Subgrade Treatment, Type IBC
- (K1) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on 330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 4 in. Compacted Aggregate No. 53 on Subgrade Treatment, Type IBC
- (M) Milling, Profile (0" - 2")
- (R) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5 mm
- (W1) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on Widening with HMA, Type B: 330 #/sys HMA Intermediate, Type B on 330 #/sys HMA Base, Type B on 330 #/sys HMA Base, Type B on 4 in. Compacted Aggregate No. 53 on Subgrade Treatment, Type IBC
- (29) Seed Mixture, R Mulching Fertilizer
- (54) Milled HMA Corrugations, Sinusoidal (Edgeline)

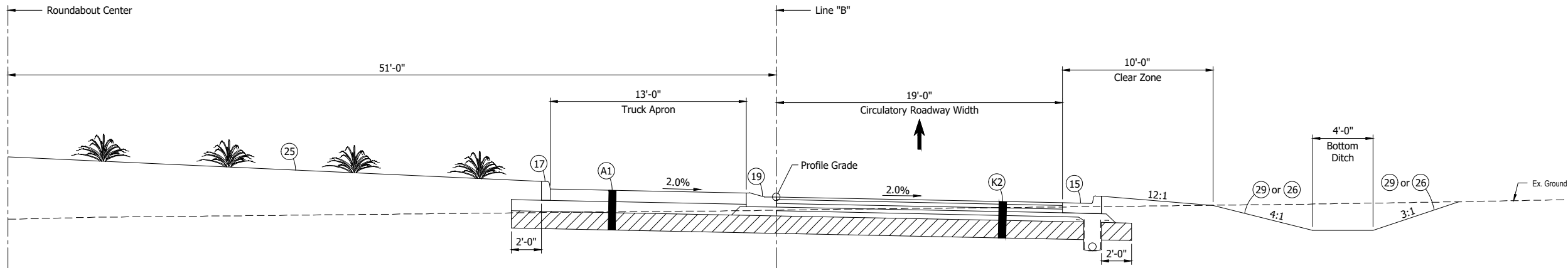
NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	
DESIGNED: DDE	DRAWN: GDH
CHECKED: DGA	CHECKED: DGA

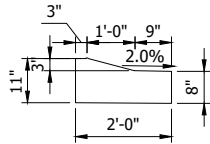
INDIANA DEPARTMENT OF TRANSPORTATION	
TYPICAL SECTIONS LINE "E-E"	

SCALE AS NOTED	BRIDGE FILE
	DESIGNATION 2200043
SHEETS	
5	of 70
CONTRACT R-44648	

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TYPICAL SECTION - LINE "B"
Scale: 1/4" = 1'-0"



**(19) CURB, INTEGRAL, B,
CONCRETE, MODIFIED**
Scale: 1/2" = 1'-0"

LEGEND:

- (A1) Color PCCP 9" on 9" Compacted Aggregate, No. 53 on Geotextile for Pavement, Type 2A on Subgrade Treatment, Type IBC
- (K2) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on 330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 300 #/sys QC/QA-HMA, 4, 58E, Intermediate, OG, 19.0mm on 4 in. Compacted Aggregate No. 53 on Geotextile for Pavement, Type 2A on Subgrade Treatment, Type IBC
- (15) Curb and Gutter, Combined
- (17) Integral Curb
- (19) Curb and Gutter, Type B, Modified, 3" Reveal, Reverse
- (25) Native Seed Mixture
- (26) Sodding
- (29) Seed Mixture, R Mulching Fertilizer

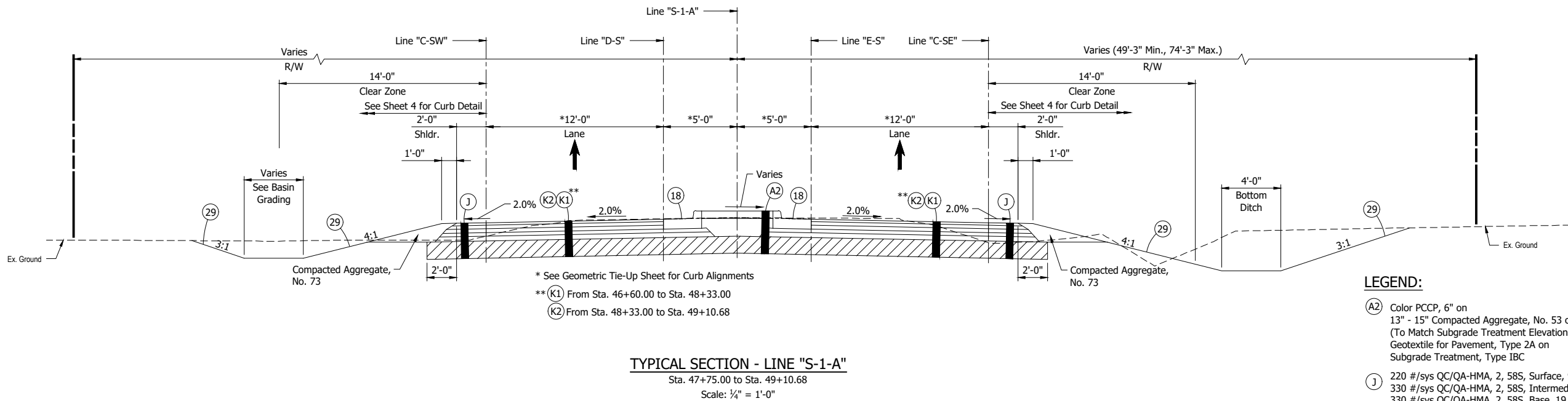
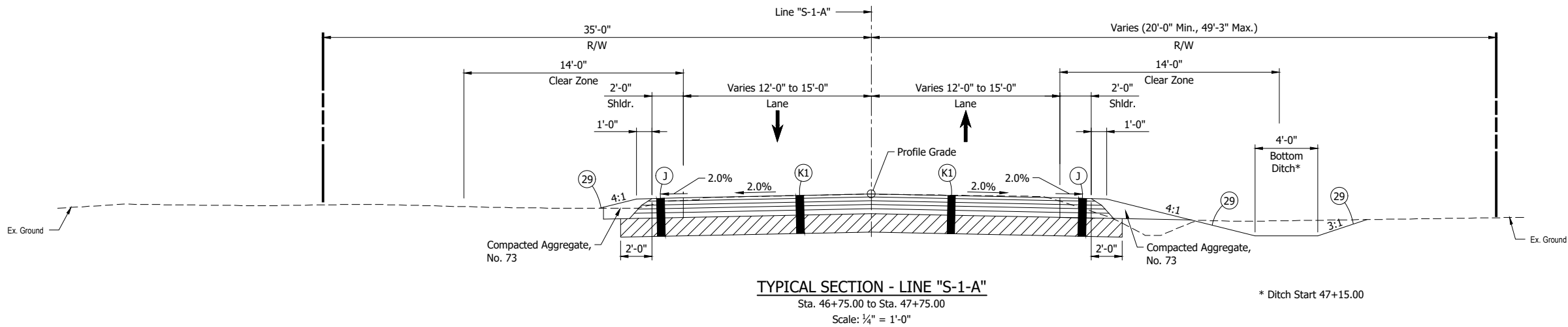
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RECOMMENDED FOR APPROVAL _____	
DESIGNED: JDD	DRAWN: GDH
CHECKED: DGA	CHECKED: DGA

INDIANA DEPARTMENT OF TRANSPORTATION	
TYPICAL SECTION LINE "B"	

SCALE AS NOTED	BRIDGE FILE
	DESIGNATION 2200043
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	CONTRACT R-44648

DCA - 8/19/2025 1:44 PM - U:\2023\202318 INDOT SR2 Roundabout\Cad\Plan Set\Civil\231800TR_TS01.dwg (TYP. SECTION 04)



- LEGEND:**
- (A2) Color PCCP, 6" on 13" - 15" Compacted Aggregate, No. 53 on (To Match Subgrade Treatment Elevation) Geotextile for Pavement, Type 2A on Subgrade Treatment, Type IBC
 - (J) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on 330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 4 in. Compacted Aggregate No. 53 on Subgrade Treatment, Type IBC
 - (K1) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on 330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 4 in. Compacted Aggregate No. 53 on Subgrade Treatment, Type IBC
 - (K2) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on 330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 300 #/sys QC/QA-HMA, 4, 58E, Intermediate, OG, 19.0mm on 4 in. Compacted Aggregate No. 53 on Geotextile for Pavement, Type 2A on Subgrade Treatment, Type IBC
 - (18) Curb and Gutter, Combined Modified, Reverse
 - (29) Seed Mixture, R Mulching Fertilizer

NOT FOR
CONSTRUCTION

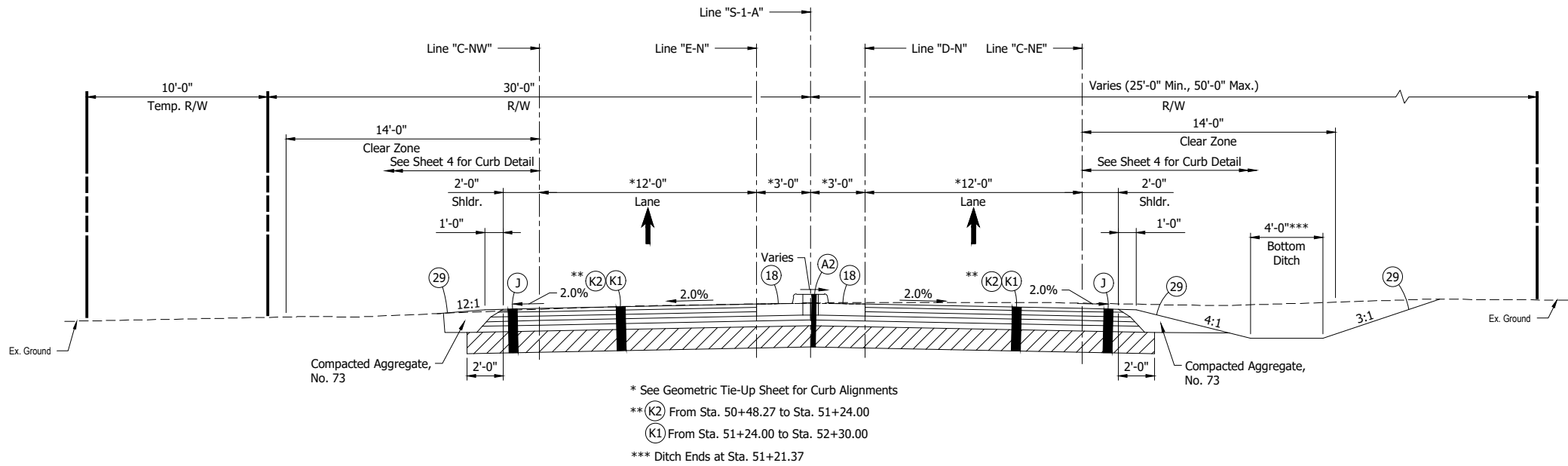
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JDD	DRAWN: GDH	
CHECKED: DGA	CHECKED: DGA	

INDIANA
DEPARTMENT OF TRANSPORTATION

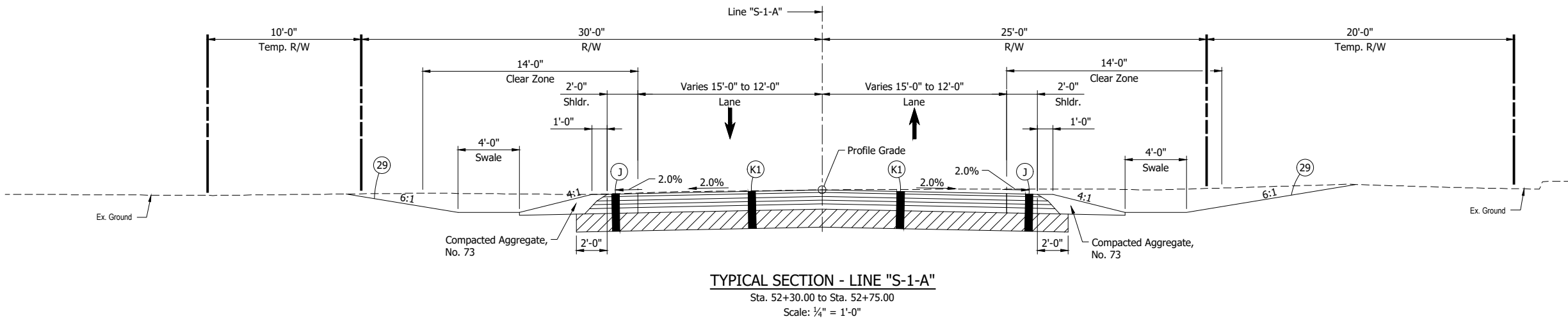
TYPICAL SECTIONS
LINE "S-1-A"

SCALE	BRIDGE FILE
1/4" = 1'-0"	
	DESIGNATION
	2200043
	SHEETS
7	of 70
	CONTRACT
	R-44648

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TYPICAL SECTION - LINE "S-1-A"
Sta. 50+48.27 to Sta. 52+30.00
Scale: 1/4" = 1'-0"



TYPICAL SECTION - LINE "S-1-A"
Sta. 52+30.00 to Sta. 52+75.00
Scale: 1/4" = 1'-0"

LEGEND:

- (A2) Color PCCP, 6" on 13" - 15" Compacted Aggregate, No. 53 on (To Match Subgrade Treatment Elevation) Geotextile for Pavement, Type 2A on Subgrade Treatment, Type IBC
- (J) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on 330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 4 in. Compacted Aggregate No. 53 on Subgrade Treatment, Type IBC
- (K1) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on 330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 4 in. Compacted Aggregate No. 53 on Subgrade Treatment, Type IBC
- (K2) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on 330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 300 #/sys QC/QA-HMA, 4, 58E, Intermediate, OG, 19.0mm on 4 in. Compacted Aggregate No. 53 on Geotextile for Pavement, Type 2A on Subgrade Treatment, Type IBC
- (18) Curb and Gutter, Combined Modified, Reverse
- (29) Seed Mixture, R Mulching Fertilizer

NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	
DESIGNED: JDD	DRAWN: GDH
CHECKED: DGA	CHECKED: DGA

INDIANA
DEPARTMENT OF TRANSPORTATION

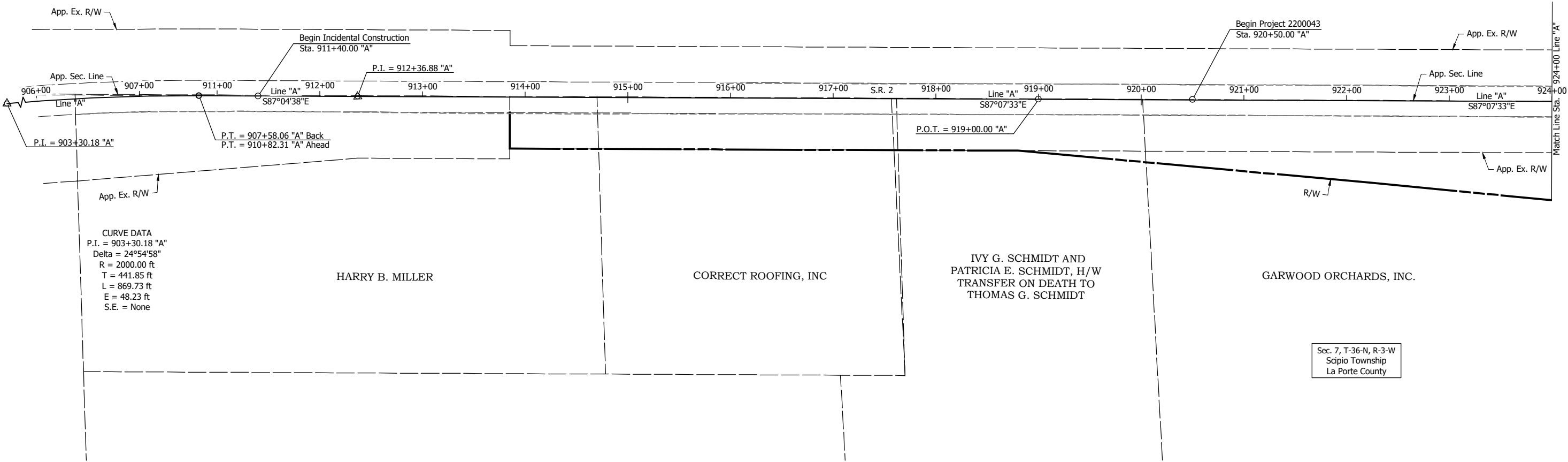
TYPICAL SECTIONS
LINE "S-1-A"

SCALE 1/4" = 1'-0"		BRIDGE FILE	
		DESIGNATION 2200043	
		SHEETS 8 of 70	
		CONTRACT R-44648	

CDH -- 8/19/2025 1:44 PM -- U:\2023\202318 INDOT SR2 Roundabout\Cad\Plan Set\Civil\231800TR_P1.dwg (PLAT NO. 1 (1))

MARTIN R. BARR TRUST NO. 4 (35% INTEREST),
MARSHA H. BARR TRUST NO. 54 (35% INTEREST),
AND EVAN S. BARR (30% INTEREST)

Sec. 6, T-36-N, R-3-W
Scipio Township
La Porte County



NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	
DESIGNED: DDE _____	DRAWN: GDH _____
CHECKED: DGA _____	CHECKED: DGA _____

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT NO. 1

SCALE 1" = 50'		BRIDGE FILE	
		DESIGNATION 2200043	
		SHEETS 9 of 70	
		CONTRACT R-44648	

CDH - 8/19/2025 1:44 PM - U:\2023\202318 INDOT SR2 Roundabout\Cad\Plan Set\Civil\231800TR_P1.dwg (PLAT NO. 1 (2))

MARTIN R. BARR TRUST
NO. 4 (35% INTEREST),
MARSHA H. BARR TRUST
NO. 54 (35% INTEREST),
AND EVAN S. BARR
(30% INTEREST)

Sec. 6, T-36-N, R-3-W
Scipio Township
La Porte County

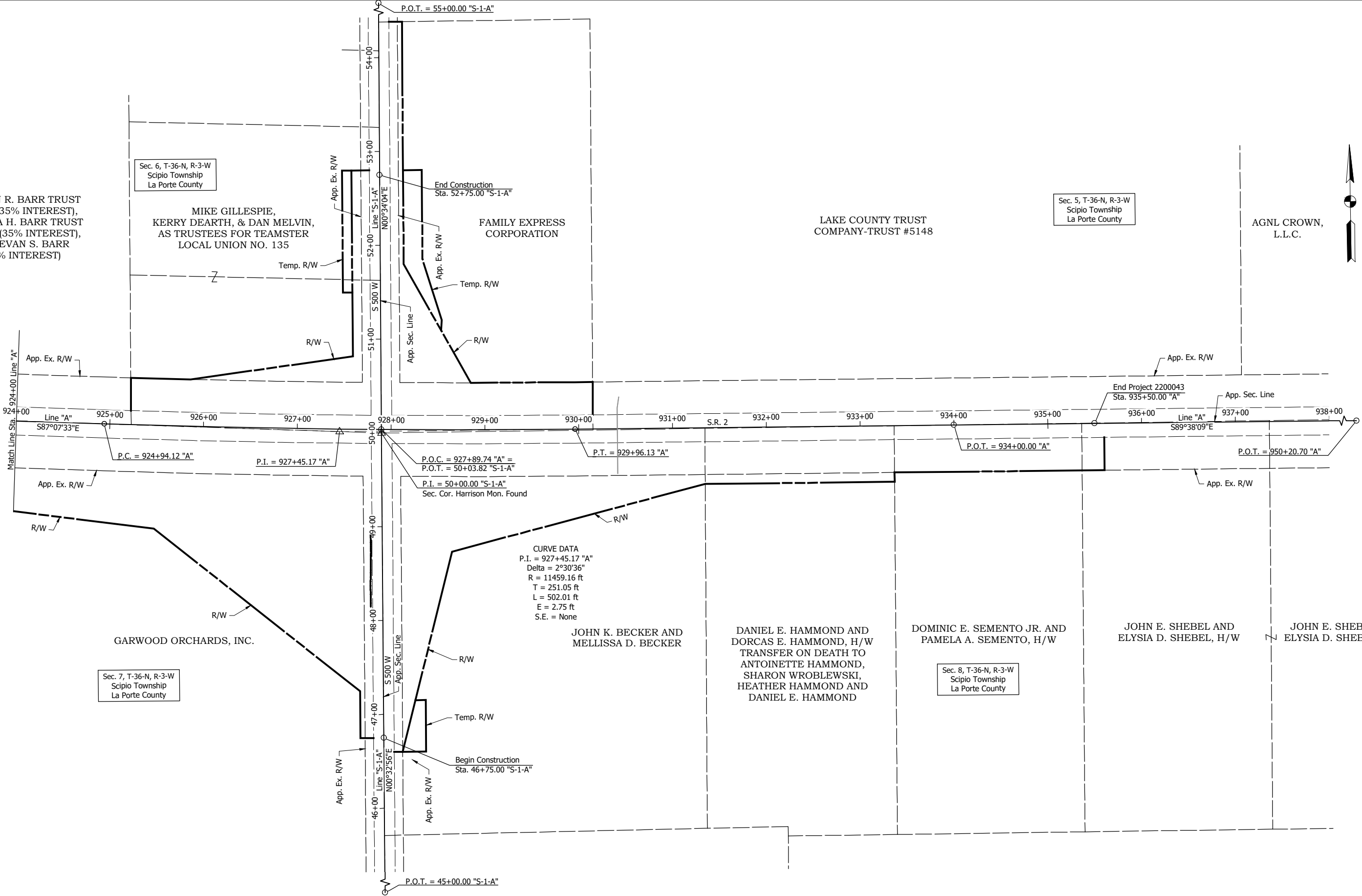
MIKE GILLESPIE,
KERRY DEARTH, & DAN MELVIN,
AS TRUSTEES FOR TEAMSTER
LOCAL UNION NO. 135

FAMILY EXPRESS
CORPORATION

LAKE COUNTY TRUST
COMPANY-TRUST #5148

Sec. 5, T-36-N, R-3-W
Scipio Township
La Porte County

AGNL CROWN,
L.L.C.



NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL	
DESIGNED: DDE	DRAWN: GDH
CHECKED: DGA	CHECKED: DGA

INDIANA DEPARTMENT OF TRANSPORTATION	
PLAT NO. 1	

SCALE 1" = 50'	BRIDGE FILE
	DESIGNATION 2200043
	SHEETS 10 of 70
	CONTRACT R-44648

1
CURVE DATA
P.I. = 927+45.17 "A"
Delta = 2°30'36"
R = 11459.16 ft
T = 251.05 ft
L = 502.01 ft
E = 2.75 ft
S.E. = None

2
CURVE DATA
P.I. = 926+93.77 "D-W"
Delta = 15°26'31"
R = 350.00 ft
T = 47.45 ft
L = 94.33 ft
E = 3.20 ft
S.E. = None

3
CURVE DATA
P.I. = 926+75.85 "C-NW"
Delta = 18°12'54"
R = 350.00 ft
T = 56.11 ft
L = 111.27 ft
E = 4.47 ft
S.E. = None

4
CURVE DATA
P.I. = 928+00.50 "C-NW"
Delta = 85°37'50"
R = 75.00 ft
T = 69.48 ft
L = 112.08 ft
E = 27.24 ft
S.E. = None

5
CURVE DATA
P.I. = 928+85.34 "C-NW"
Delta = 11°32'22"
R = 418.00 ft
T = 42.23 ft
L = 84.18 ft
E = 2.13 ft
S.E. = None

P.O.T. = 52+30.00 "E-N" =
O.P.O.T. = 52+30.00 "S-1-A", 3.00' Lt.
P.O.T. = 929+54.58 "C-NW" =
O.P.O.T. = 52+30.00 "S-1-A", 15.00' Lt.

P.O.T. = 52+30.00 "D-N" =
O.P.O.T. = 52+30.00 "S-1-A", 3.00' Rt.
P.O.T. = 926+30.36 "C-NE" =
O.P.O.T. = 52+30.00 "S-1-A", 15.00' Rt.

9
CURVE DATA
P.I. = 927+39.50 "C-NE"
Delta = 27°48'20"
R = 400.00 ft
T = 99.01 ft
L = 194.12 ft
E = 12.07 ft
S.E. = None

10
CURVE DATA
P.I. = 928+87.93 "C-NE"
Delta = 67°21'46"
R = 80.00 ft
T = 53.31 ft
L = 94.05 ft
E = 16.14 ft
S.E. = None

11
CURVE DATA
P.I. = 930+31.84 "C-NE"
Delta = 2°57'53"
R = 762.00 ft
T = 19.72 ft
L = 39.43 ft
E = 0.26 ft
S.E. = None

6
CURVE DATA
P.I. = 50+76.03 "E-N"
Delta = 39°48'48"
R = 80.00 ft
T = 28.97 ft
L = 55.59 ft
E = 5.08 ft
S.E. = None

7
CURVE DATA
P.I. = 51+52.93 "E-N"
Delta = 14°07'13"
R = 406.00 ft
T = 50.28 ft
L = 100.06 ft
E = 3.10 ft
S.E. = None

8
CURVE DATA
P.I. = 51+23.03 "D-N"
Delta = 23°08'43"
R = 400.00 ft
T = 81.91 ft
L = 161.58 ft
E = 8.30 ft
S.E. = None

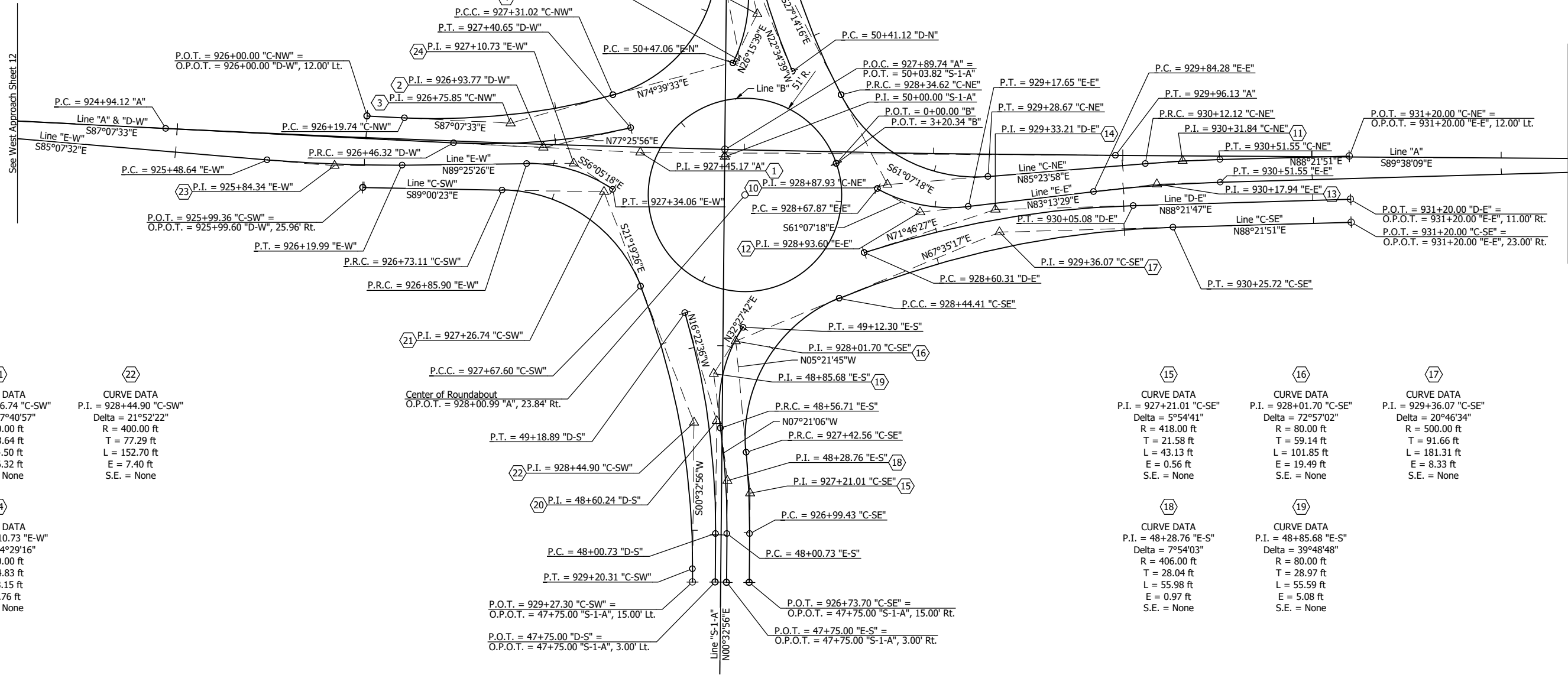
5
P.I. = 928+85.34 "C-NW"
7
P.I. = 51+52.93 "E-N"
N10°58'17"W
N13°33'09"W
P.R.C. = 928+43.10 "C-NW"
P.R.C. = 51+02.65 "E-N"

P.T. = 929+27.29 "C-NW"
P.T. = 52+02.71 "E-N"
P.T. = 52+02.70 "D-N"
P.I. = 927+39.50 "C-NE" 9
P.I. = 51+23.03 "D-N" 8

12
CURVE DATA
P.I. = 928+93.60 "E-E"
Delta = 35°39'13"
R = 80.00 ft
T = 25.72 ft
L = 49.78 ft
E = 4.03 ft
S.E. = None

13
CURVE DATA
P.I. = 930+17.94 "E-E"
Delta = 5°08'22"
R = 750.00 ft
T = 33.66 ft
L = 67.28 ft
E = 0.75 ft
S.E. = None

14
CURVE DATA
P.I. = 929+33.21 "D-E"
Delta = 16°35'20"
R = 500.00 ft
T = 72.89 ft
L = 144.77 ft
E = 5.29 ft
S.E. = None



20
CURVE DATA
P.I. = 48+60.24 "D-S"
Delta = 16°55'32"
R = 400.00 ft
T = 59.51 ft
L = 118.16 ft
E = 4.40 ft
S.E. = None

21
CURVE DATA
P.I. = 927+26.74 "C-SW"
Delta = 67°40'57"
R = 80.00 ft
T = 53.64 ft
L = 94.50 ft
E = 16.32 ft
S.E. = None

22
CURVE DATA
P.I. = 928+44.90 "C-SW"
Delta = 21°52'22"
R = 400.00 ft
T = 77.29 ft
L = 152.70 ft
E = 7.40 ft
S.E. = None

Center of Roundabout
O.P.O.T. = 928+00.99 "A", 23.84' Rt.
P.T. = 49+18.89 "D-S"

21
P.I. = 927+26.74 "C-SW"
P.C.C. = 927+67.60 "C-SW"
22
P.I. = 928+44.90 "C-SW"
20
P.I. = 48+60.24 "D-S"

P.T. = 49+12.30 "E-S"
P.I. = 928+01.70 "C-SE" 16
P.I. = 48+85.68 "E-S" 19
P.R.C. = 48+56.71 "E-S"
P.R.C. = 927+42.56 "C-SE"
P.I. = 48+28.76 "E-S" 18
P.I. = 927+21.01 "C-SE" 15
P.C. = 926+99.43 "C-SE"

15
CURVE DATA
P.I. = 927+21.01 "C-SE"
Delta = 5°54'41"
R = 418.00 ft
T = 21.58 ft
L = 43.13 ft
E = 0.56 ft
S.E. = None

16
CURVE DATA
P.I. = 928+01.70 "C-SE"
Delta = 72°57'02"
R = 80.00 ft
T = 59.14 ft
L = 101.85 ft
E = 19.49 ft
S.E. = None

17
CURVE DATA
P.I. = 929+36.07 "C-SE"
Delta = 20°46'34"
R = 500.00 ft
T = 91.66 ft
L = 181.31 ft
E = 8.33 ft
S.E. = None

23
CURVE DATA
P.I. = 925+84.34 "E-W"
Delta = 5°27'02"
R = 750.00 ft
T = 35.70 ft
L = 71.35 ft
E = 0.85 ft
S.E. = None

24
CURVE DATA
P.I. = 927+10.73 "E-W"
Delta = 34°29'16"
R = 80.00 ft
T = 24.83 ft
L = 48.15 ft
E = 3.76 ft
S.E. = None

P.C. = 48+00.73 "D-S"
P.T. = 929+20.31 "C-SW"
P.O.T. = 929+27.30 "C-SW" =
O.P.O.T. = 47+75.00 "S-1-A", 15.00' Lt.
P.O.T. = 47+75.00 "D-S" =
O.P.O.T. = 47+75.00 "S-1-A", 3.00' Lt.

P.O.T. = 926+73.70 "C-SE" =
O.P.O.T. = 47+75.00 "S-1-A", 15.00' Rt.
P.O.T. = 47+75.00 "E-S" =
O.P.O.T. = 47+75.00 "S-1-A", 3.00' Rt.

18
CURVE DATA
P.I. = 48+28.76 "E-S"
Delta = 7°54'03"
R = 406.00 ft
T = 28.04 ft
L = 55.59 ft
E = 0.97 ft
S.E. = None

19
CURVE DATA
P.I. = 48+85.68 "E-S"
Delta = 39°48'48"
R = 80.00 ft
T = 28.97 ft
L = 55.59 ft
E = 5.08 ft
S.E. = None

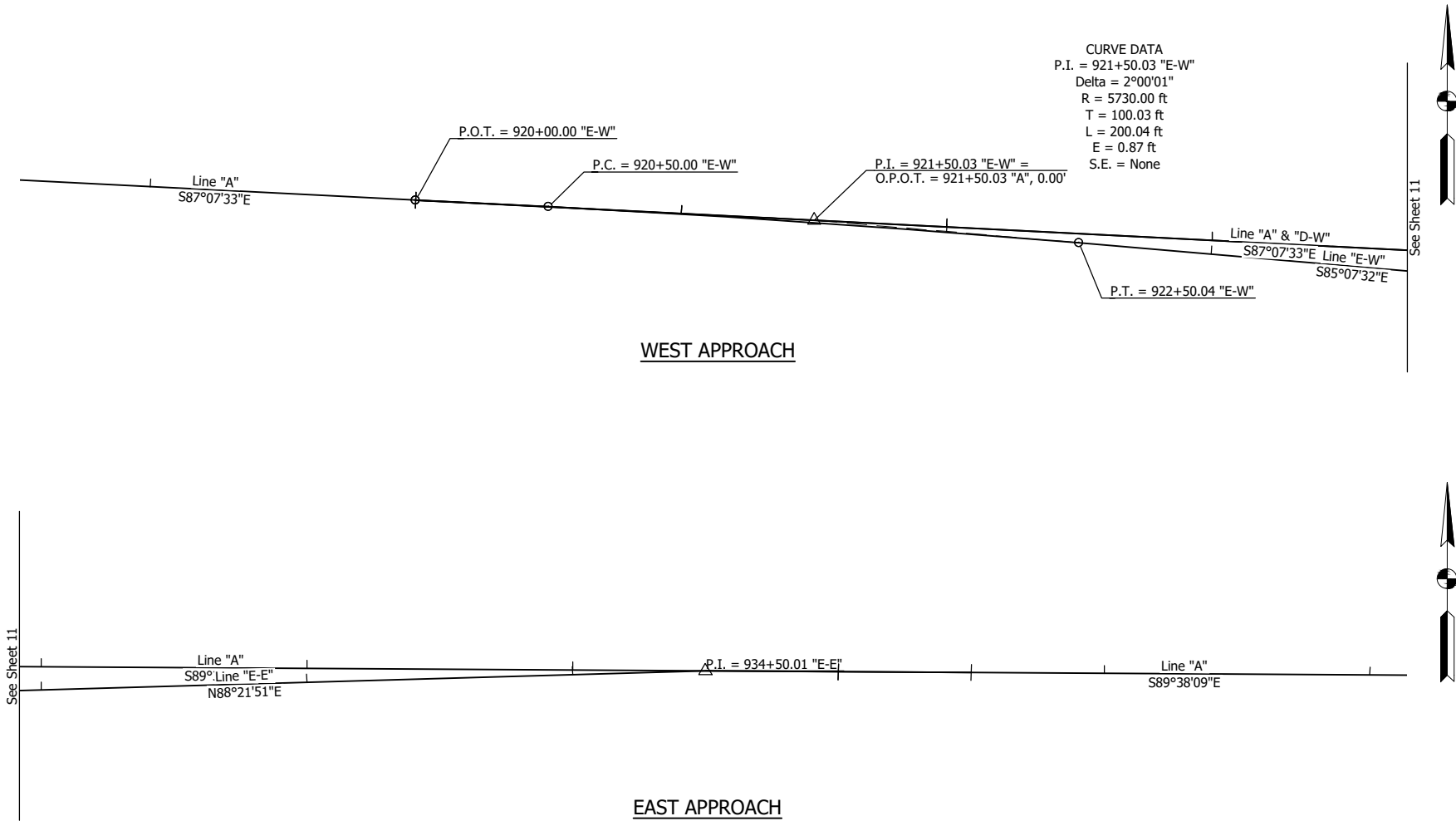
NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	
DESIGNED: JDD	DRAWN: GDH
CHECKED: DGA	CHECKED: DGA

INDIANA DEPARTMENT OF TRANSPORTATION	
GEOMETRIC TIE-UP	

SCALE 1" = 30'		BRIDGE FILE	
		DESIGNATION 2200043	
		SHEETS 11 of 70	
		CONTRACT R-44648	

CDH - 8/19/2025 1:46 PM - U:\2023\202318 INDOT SR2 Roundabout\Cad\Plan Set\Civil\231800TR_GE.dwg (GEO TIE-UP (2))



NOT FOR
CONSTRUCTION

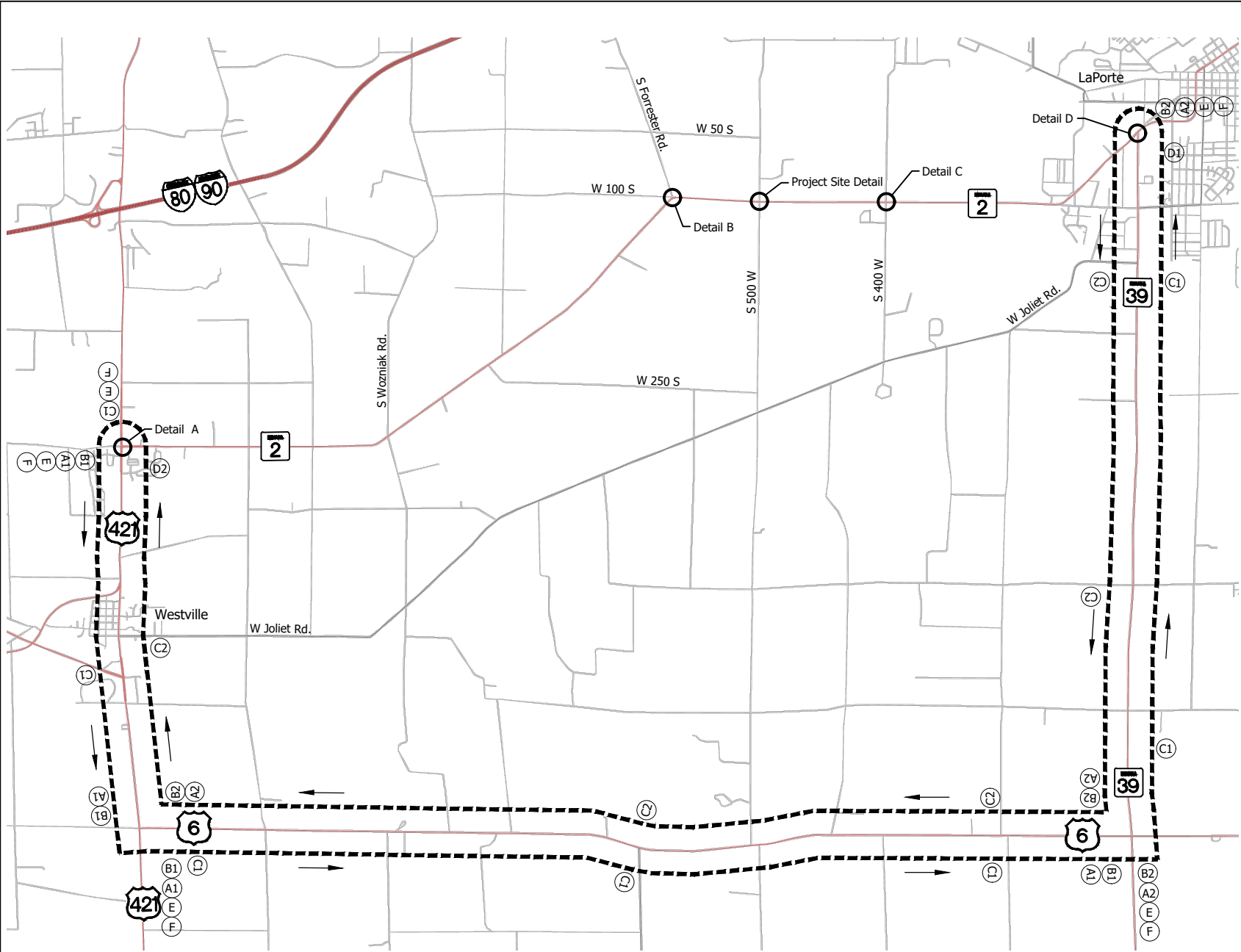
RECOMMENDED FOR APPROVAL _____	
DESIGNED: JDD _____	DRAWN: GDH _____
CHECKED: DGA _____	CHECKED: DGA _____

INDIANA
DEPARTMENT OF TRANSPORTATION

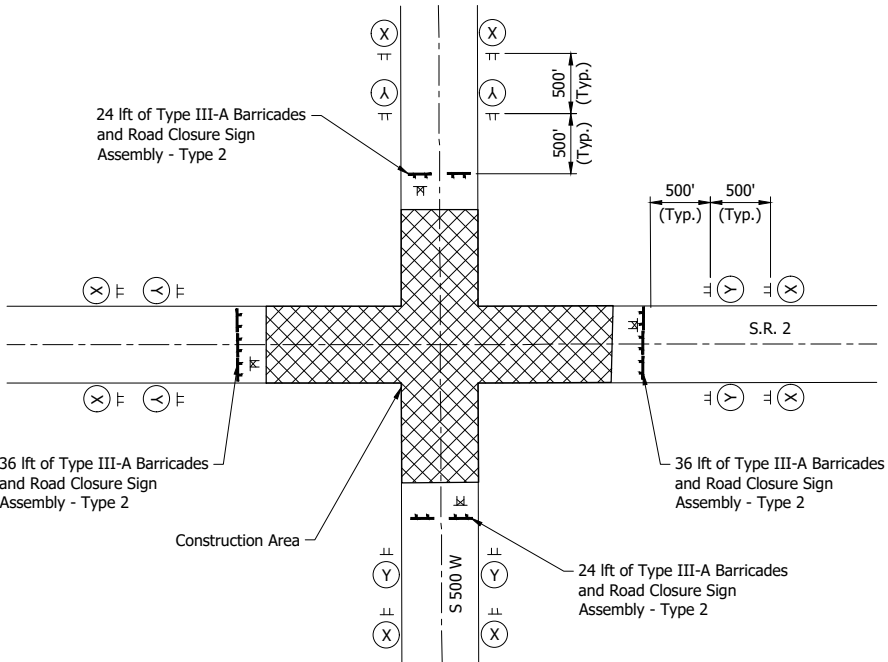
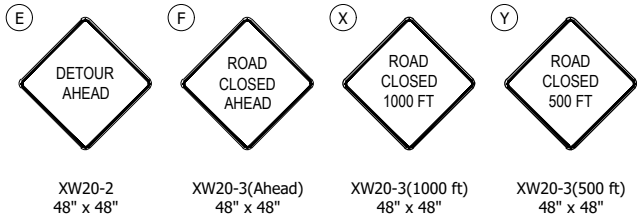
GEOMETRIC TIE-UP

SCALE 1" = 30'		BRIDGE FILE	
		DESIGNATION 2200043	
		SHEETS 12 of 70	
		CONTRACT R-44648	

CDH - 8/19/2025 1:46 PM - U:\2023\202318 INDOT SR2 Roundabout\Cod\Plan Set\Civil\231800MT_DR01.dwg (NOT DETOUR)



DETOUR ROUTE
Scale: 1" = 3000'



PROJECT SITE DETAIL
Not to Scale



ROAD CLOSURE SIGN ASSEMBLY - TYPE 2

DETOUR ROUTE MARKER ASSEMBLIES

A1 DETOUR EAST INDIANA 2 → XM4-8 24" x 12" M3-2(S) 24" x 12" M1-5 24" x 24" M5-1(R or L)(S) 21" x 15" ADVANCE TURN DETOUR MARKER ASSEMBLY	B1 DETOUR EAST INDIANA 2 → XM4-8 24" x 12" M3-2(S) 24" x 12" M1-5 24" x 24" M6-1(R or L)(S) 21" x 15" DIRECTIONAL DETOUR MARKER ASSEMBLY	C1 DETOUR EAST INDIANA 2 ↑ XM4-8 24" x 12" M3-2(S) 24" x 12" M1-5 24" x 24" M6-3(S) 21" x 15" CONFIRMING DETOUR ROUTE MARKER ASSEMBLY	D1 END DETOUR EAST INDIANA 2 XM4-8a 24" x 12" M3-2(S) 24" x 12" M1-5 24" x 24" END DETOUR ROUTE MARKER ASSEMBLY
A2 DETOUR WEST INDIANA 2 → XM4-8 24" x 12" M3-4(S) 24" x 12" M1-5 24" x 24" M5-1(R or L)(S) 21" x 15" ADVANCE TURN DETOUR MARKER ASSEMBLY	B2 DETOUR WEST INDIANA 2 → XM4-8 24" x 12" M3-4(S) 24" x 12" M1-5 24" x 24" M6-1(R or L)(S) 21" x 15" DIRECTIONAL DETOUR MARKER ASSEMBLY	C2 DETOUR WEST INDIANA 2 ↑ XM4-8 24" x 12" M3-4(S) 24" x 12" M1-5 24" x 24" M6-3(S) 21" x 15" CONFIRMING DETOUR ROUTE MARKER ASSEMBLY	D2 END DETOUR WEST INDIANA 2 XM4-8a 24" x 12" M3-4(S) 24" x 12" M1-5 24" x 24" END DETOUR ROUTE MARKER ASSEMBLY

DETOUR ROUTE MARKER ASSEMBLY:

A1	4 Each	A2	4 Each
B1	4 Each	B2	4 Each
C1	7 Each	C2	5 Each
D1	1 Each	D2	1 Each

LEGEND:

	Direction of Traffic
	Advance Turn Detour Route Marker Assembly
	Directional Detour Route Marker Assembly
	Confirming Detour Route Marker Assembly
	End Detour Route Marker Assembly
	Construction Sign and Supports
	Road Closure Assembly
	Barricade
	Detour Route
	Construction Area

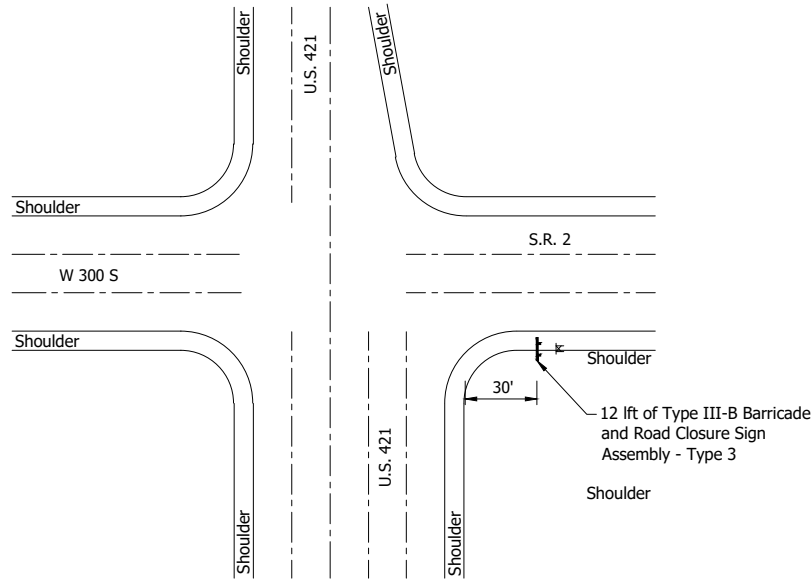
NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: DJT	DRAWN: PJV	
CHECKED: DGA	CHECKED: DGA	

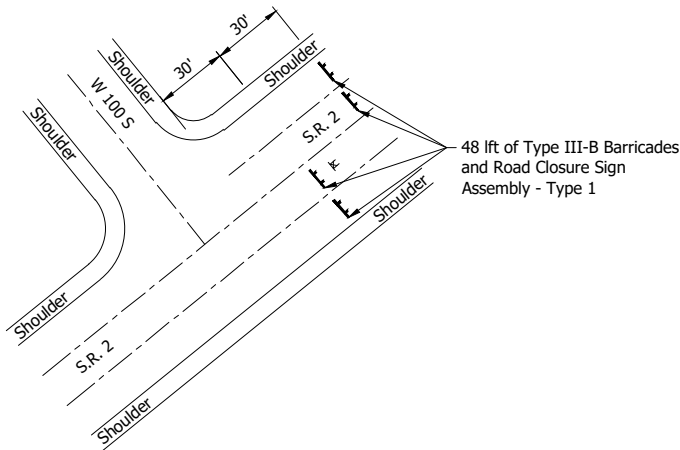
INDIANA DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC DETOUR ROUTE

SCALE 1" = 3000'	BRIDGE FILE
	DESIGNATION 2200043
	SHEETS 13 of 70
	CONTRACT R-44648

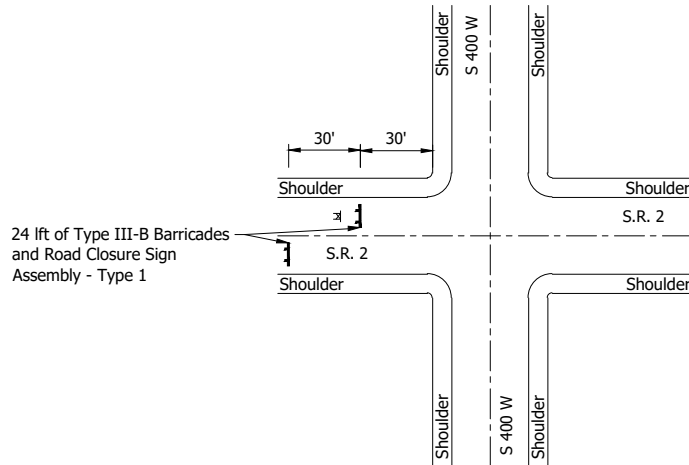
CDH - 8/19/2025 1:47 PM - U:\2023\202318 INDOT SR2 Roundabout\Cad\Plan Set\Civil\231800MT_DR02.dwg (NOT GEN. NOTES)



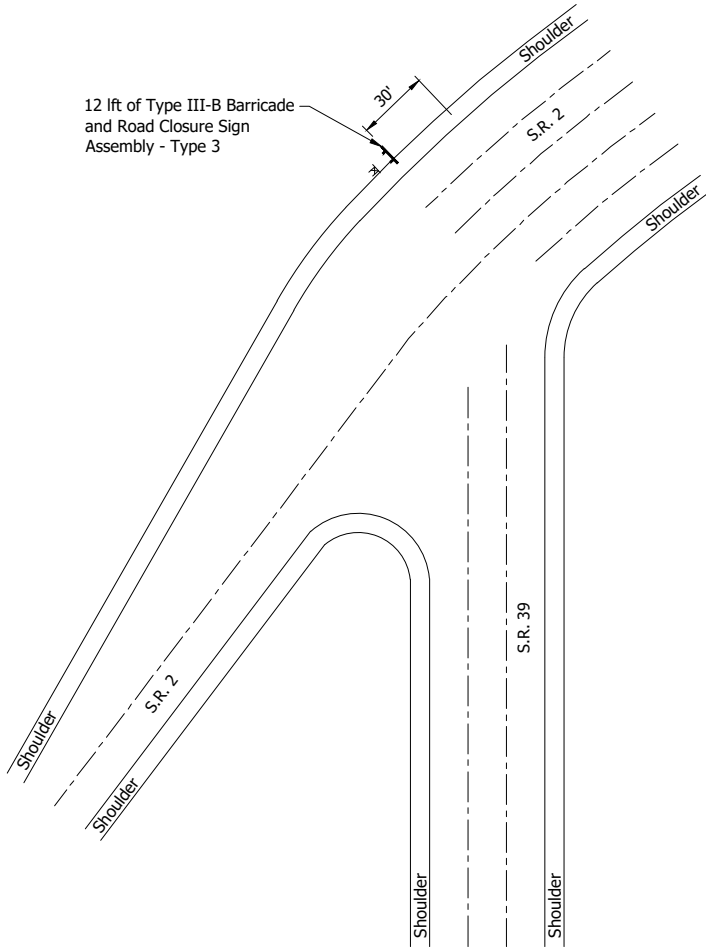
DETAIL A
Not to Scale



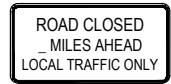
DETAIL B
Not to Scale



DETAIL C
Not to Scale



DETAIL D
Not to Scale



R11-3
60" x 30"

ROAD CLOSURE SIGN ASSEMBLY - TYPE 1



R11-3
60" x 30"



XM4-10(R or L)
48" x 18"

ROAD CLOSURE SIGN ASSEMBLY - TYPE 3

ESTIMATE OF QUANTITIES		
ITEM	QUANTITY	UNIT
Maintaining Traffic	1	Lump Sum
Construction Sign, Type A	26	Each
Barricade Type III-A	120	Lft
Barricade Type III-B	96	Lft
Detour Route Sign Assemblies	30	Each
Road Closure Sign Assemblies Type 1	2	Each
Road Closure Sign Assemblies Type 2	4	Each
Road Closure Sign Assemblies Type 3	2	Each

GENERAL NOTES:

1. Install construction signs as shown on plans and as directed.
2. Traffic shall be detoured along U.S. 421, U.S. 6 and S.R. 39.
3. All type 'A' construction signs to have low intensity flashing yellow light, type 'A'.
4. All materials, procedures, signs, markings, and miscellaneous items shall conform to the requirements of the INDOT standard specifications and the Indiana Manual on Uniform Traffic Control Devices, and revisions there to.
5. Contractor shall notify local fire department, police, ambulance services, and schools of the work schedule and temporary traffic layouts.

LEGEND:

- ⌵ Road Closure Assembly
- ▬ Type III-B Barricade

NOT FOR
CONSTRUCTION

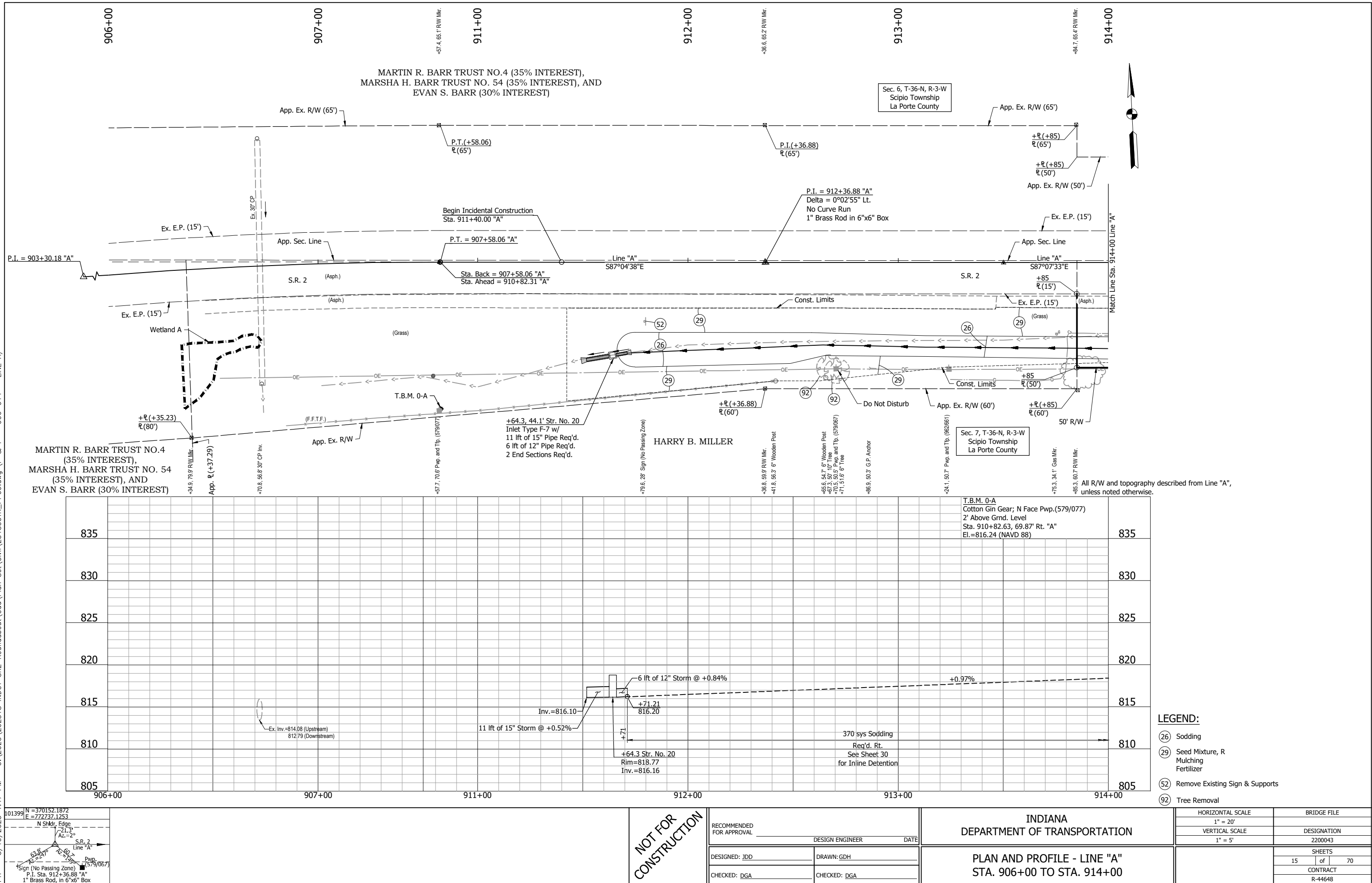
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	
DESIGNED: JDD _____	DRAWN: PJV _____
CHECKED: DGA _____	CHECKED: DGA _____

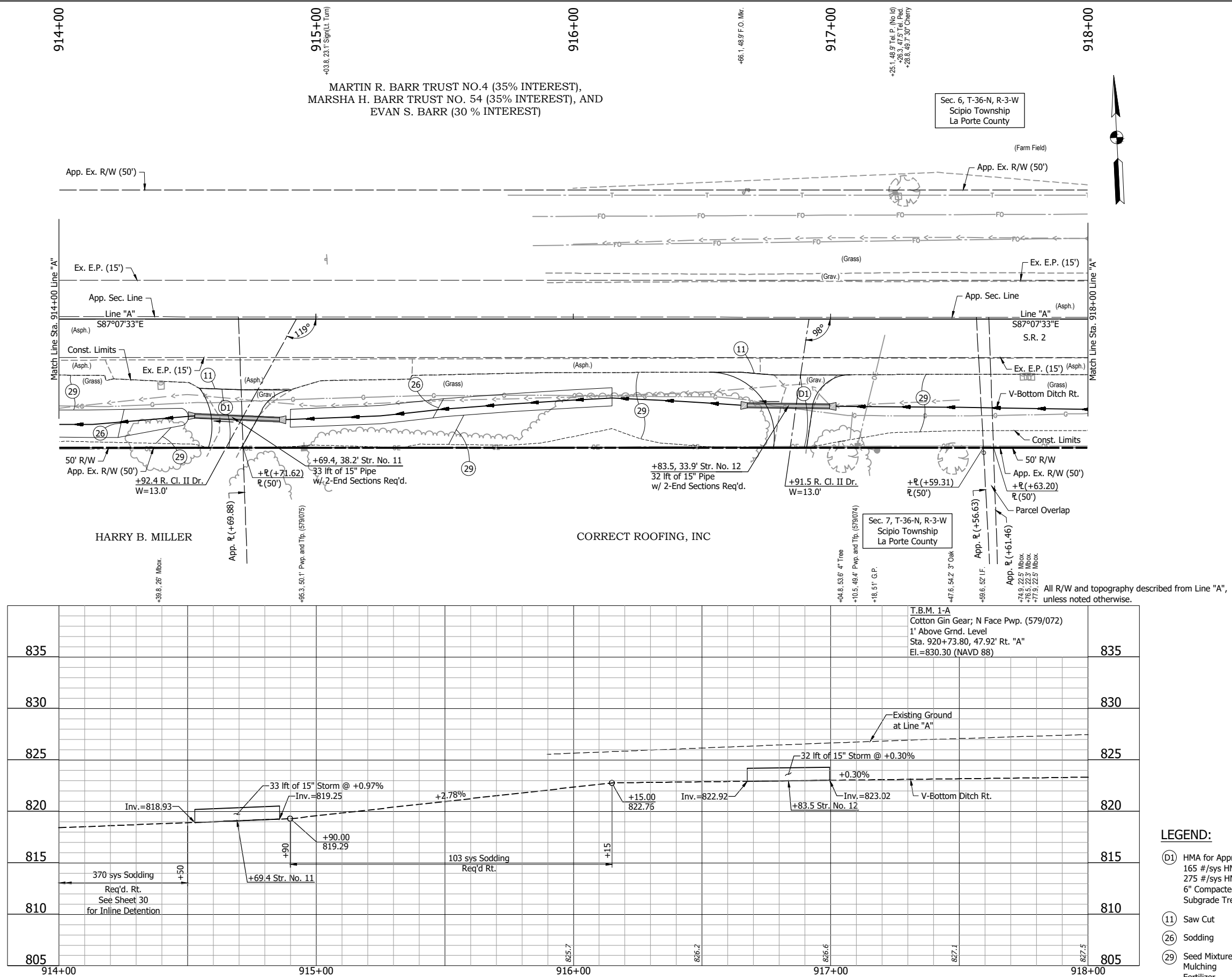
INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
GENERAL NOTES AND DETAILS

SCALE NOT TO SCALE		BRIDGE FILE	
		DESIGNATION 2200043	
		SHEETS	
		14 of 70	
		CONTRACT R-44648	

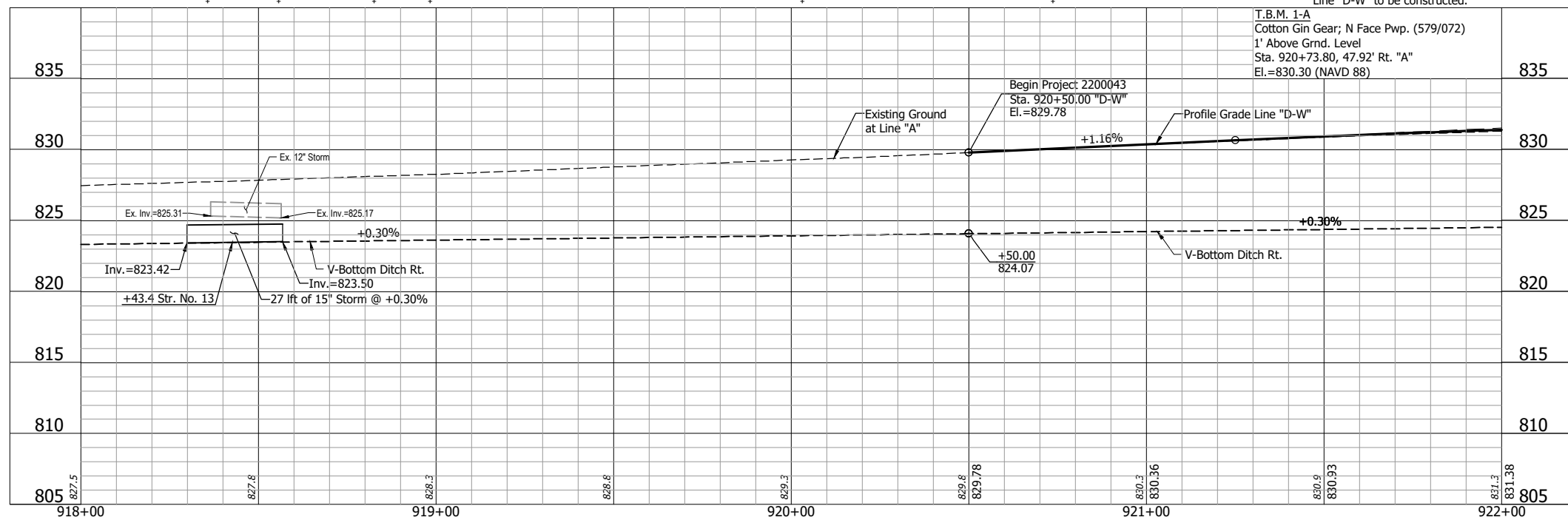
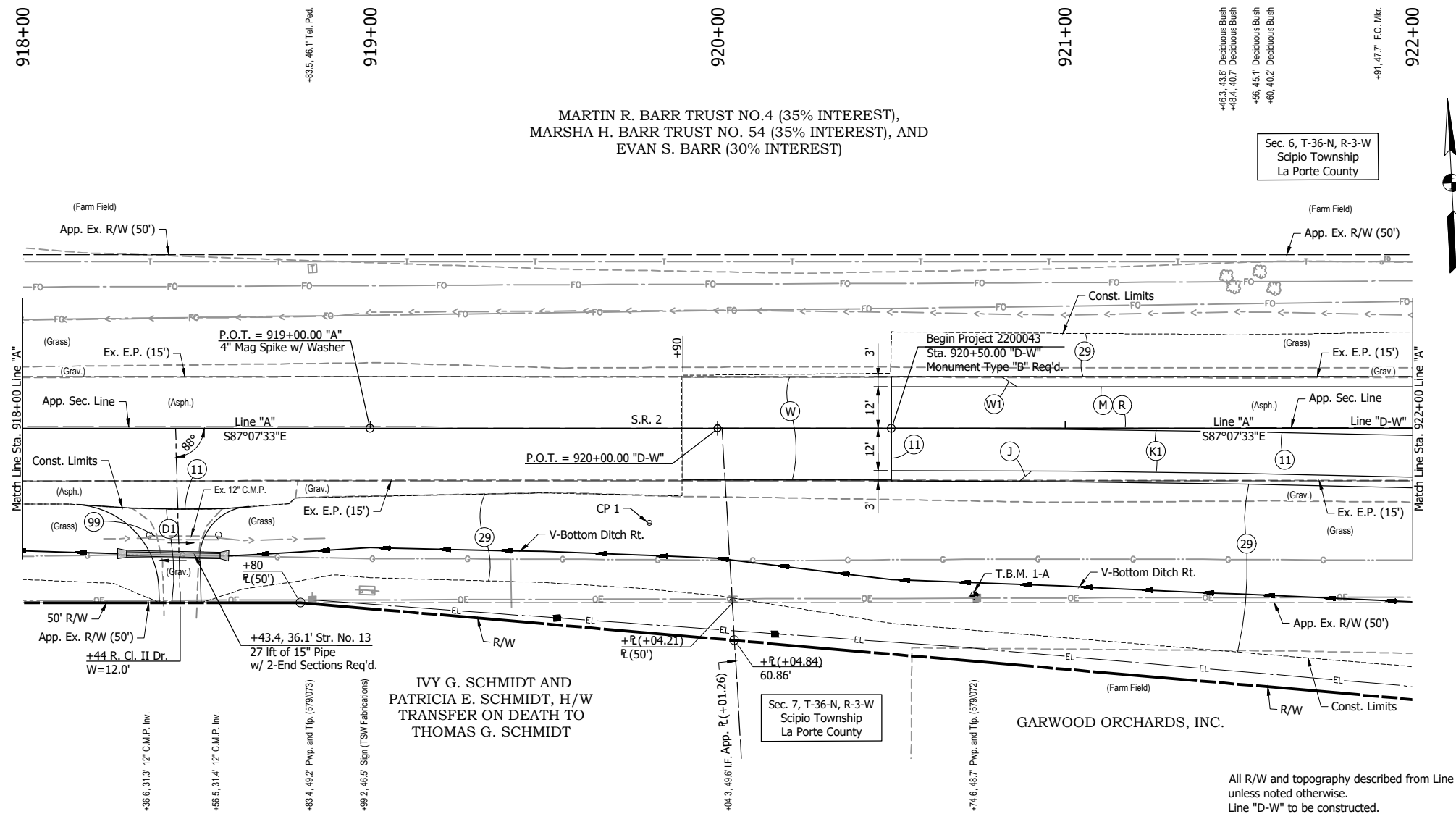
FTP - 8/19/2025 1:47 PM - U:\2023\202318 INDOT SP2 Roundabout\Cad\Plan Set\Civil\231800TR_PP09.dwg (P & P - 906-914 - LINE A)





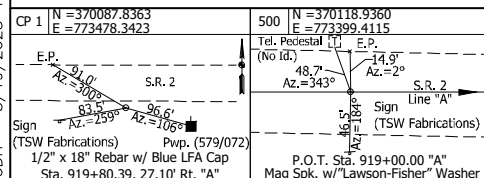
NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION			HORIZONTAL SCALE			BRIDGE FILE			
				1" = 20'						
				VERTICAL SCALE			DESIGNATION			
				1" = 5'			2200043			
DESIGNED: <u>JDD</u>	DRAWN: <u>GDH</u>	PLAN AND PROFILE - LINE "A" STA. 914+00 TO STA. 918+00						SHEETS		
								16	of	69
CHECKED: <u>DGA</u>	CHECKED: <u>DGA</u>							CONTRACT		
								R-44648		



LEGEND:

- D1 HMA for Approaches, Type B
165 #/sys HMA Surface, Type B, on
275 #/sys HMA Intermediate, Type B, on
6" Compacted Aggregate, No. 53 on
Subgrade Treatment, Type II
- J 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on
330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
4 in. Compacted Aggregate No. 53 on
Subgrade Treatment, Type IBC
- K1 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on
330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
4 in. Compacted Aggregate No. 53 on
Subgrade Treatment, Type IBC
- M Milling, Profile (0" - 2")
- R 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5 mm
- W 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on
Transition Milling
- WV1 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on
Widening with HMA, Type B:
330 #/sys HMA Intermediate, Type B on
330 #/sys HMA Base, Type B on
330 #/sys HMA Base, Type B on
4 in. Compacted Aggregate No. 53 on
Subgrade Treatment, Type IBC
- 11 Saw Cut
- 29 Seed Mixture, R
Mulching
Fertilizer
- 99 Remove



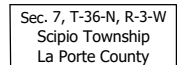
NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL		
	DESIGN ENGINEER	DATE
DESIGNED: DDE	DRAWN: GDH	
CHECKED: DGA	CHECKED: DGA	

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE - LINE "A"
STA. 918+00 TO STA. 922+00

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 5'		2200043	
		SHEETS	
		17	of 69
		CONTRACT	
		R-44648	



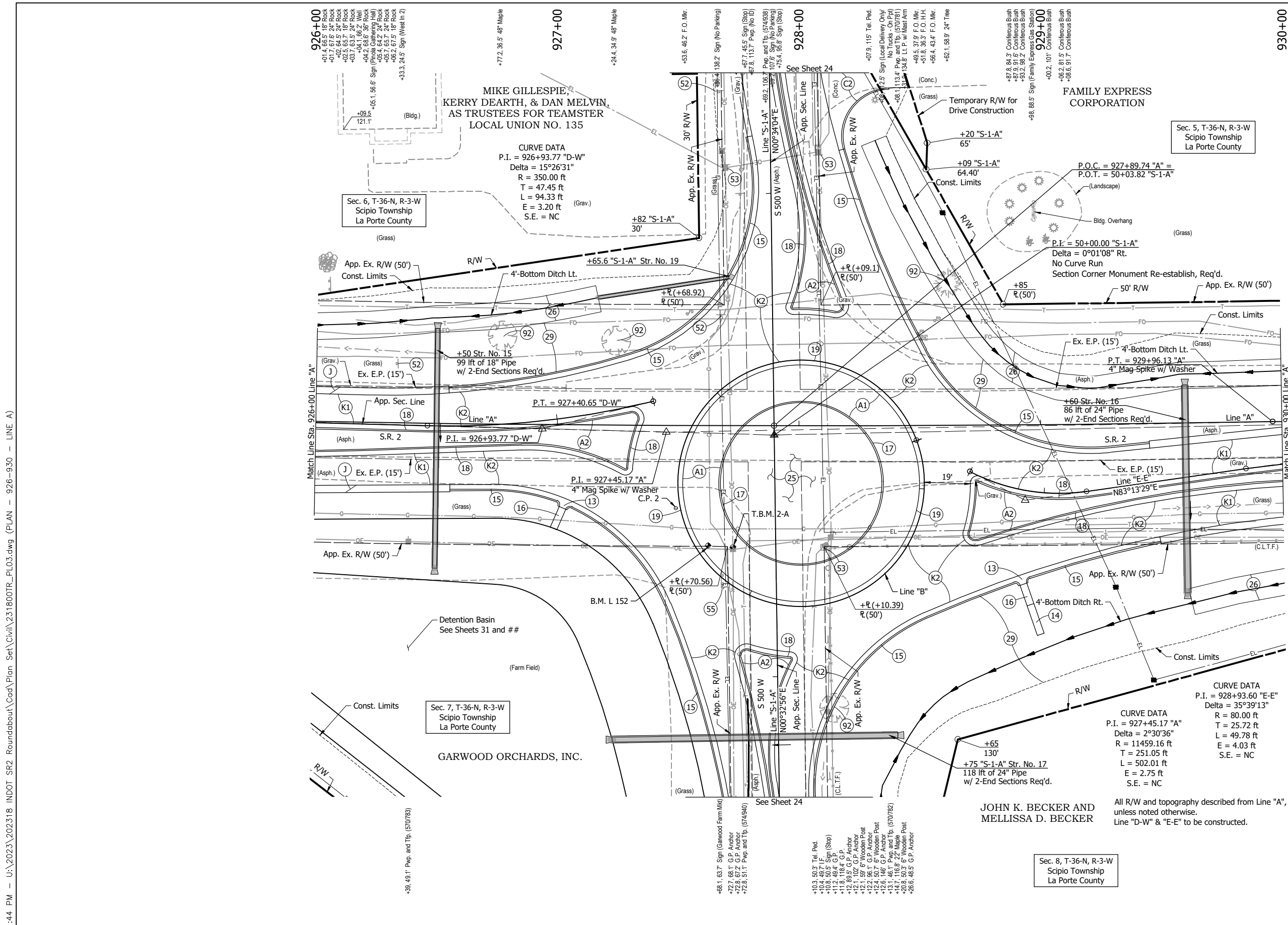
- (A2) Color PCP, 6" on
13" - 15" Compacted Aggregate, No. 53 on
(To Match Subgrade Treatment Elevation)
Geotextile for Pavement, Type 2A on
Subgrade Treatment, Type IBC
- (J) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on
330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
4 in. Compacted Aggregate No. 53 on
Subgrade Treatment, Type IBC
- (K1) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on
330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
4 in. Compacted Aggregate No. 53 on
Subgrade Treatment, Type IBC
- (M) Milling, Profile (0" - 2")
- (R) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5 mm
220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on
- (W1) Widening with HMA, Type B:
330 #/sys HMA Intermediate, Type B on
330 #/sys HMA Base, Type B on
330 #/sys HMA Base, Type B on
4 in. Compacted Aggregate No. 53 on
Subgrade Treatment, Type IBC
- (11) Saw Cut
- (18) Curb and Gutter, Combined Modified, Reverse
- (21) Curb and Gutter, Type B, Combined Modified, Reverse
- (26) Sodding
- (29) Seed Mixture, R
Mulching
Fertilizer
- (52) Remove Existing Sign & Supports
- (92) Tree Removal

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 5'		2200043	
		SHEETS	
		18	of 70
		CONTRACT	
		R-44648	

NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: <u>DDE</u>		DRAWN: <u>GDH</u>	
CHECKED: <u>DGA</u>		CHECKED: <u>DGA</u>	

PLAN AND PROFILE - LINE "A"
STA. 922+00 TO STA. 926+00



LEGEND:

- (A1) Color PCCP 9" on
9" Compacted Aggregate, No. 53 on
Geotextile for Pavement, Type 2A on
Subgrade Treatment, Type IBC
- (A2) Color PCCP, 6" on
13" - 15" Compacted Aggregate, No. 53 on
(To Match Subgrade Treatment Elevation)
Geotextile for Pavement, Type 2A on
Subgrade Treatment, Type IBC
- (C2) PCCP for Approaches, 9" on
Dense Graded Subbase, 6" on
Geogrid, Type IB on
Subgrade Treatment, Type II
- (J) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on
330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
4 in. Compacted Aggregate No. 53 on
Subgrade Treatment, Type IBC
- (K1) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on
330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
4 in. Compacted Aggregate No. 53 on
Subgrade Treatment, Type IBC
- (K2) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on
330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
300 #/sys QC/QA-HMA, 4, 58E, Intermediate, OG, 19.0mm on
4 in. Compacted Aggregate No. 53 on
Geotextile for Pavement, Type 2A on
Subgrade Treatment, Type IBC
- (13) Curb and Gutter, Turnout Combined
- (14) Paved Side Ditch, Type A
- (15) Curb and Gutter, Combined
- (16) Concrete Gutter, A
- (17) Integral Curb
- (18) Curb and Gutter, Combined Modified, Reverse
- (19) Curb and Gutter, Type B, Modified, 3" Reveal, Reverse
- (25) Native Seed Mixture
- (26) Sodding
- (29) Seed Mixture, R
Mulching
Fertilizer
- (52) Remove Existing Sign & Supports
- (53) Remove Existing Sign From Existing Pole
- (55) Sign Relocate
- (92) Tree Removal

[illegible]

NOT FOR
CONSTRUCTION

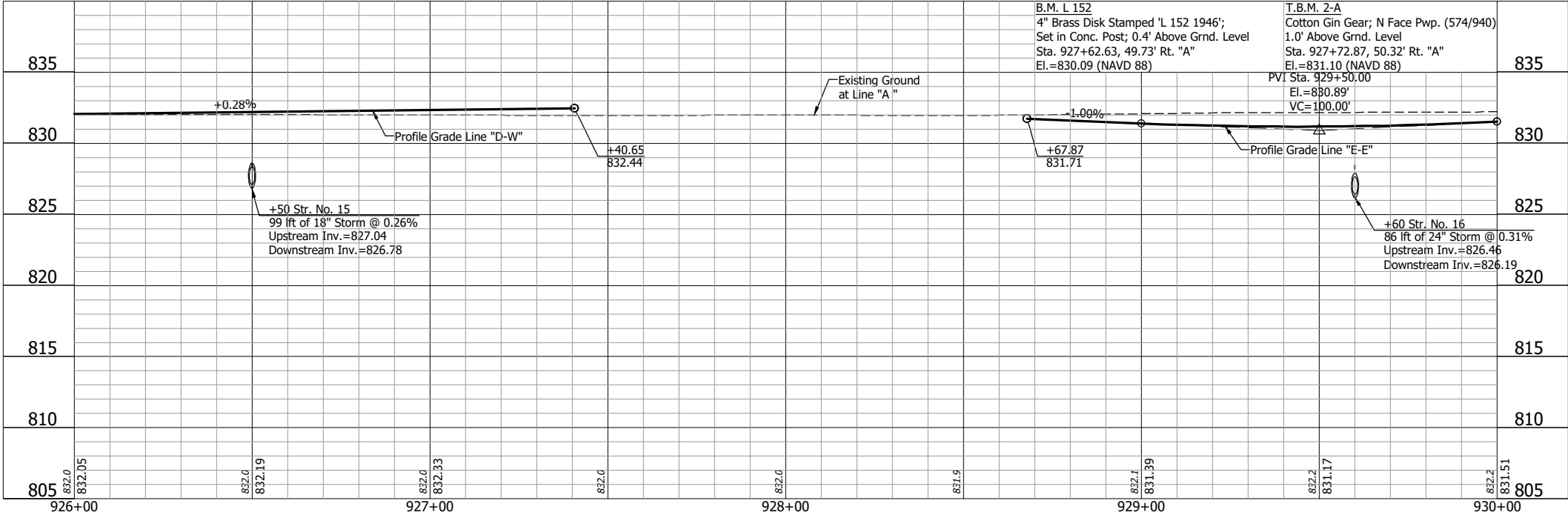
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: <u>DDE</u>		DRAWN: <u>GDH</u>	
CHECKED: <u>DGA</u>		CHECKED: <u>DGA</u>	

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN - LINE "A"
STA. 926+00 TO STA. 930+00

SCALE		BRIDGE FILE	
1" = 20'			
		DESIGNATION	
		2200043	
		SHEETS	
		19	70
		CONTRACT	
		R-44648	

CDH - 8/19/2025 1:44 PM - U:\2023\202318 INDOT SR2 Roundabout\Cod\Plan Set\Civil\231800TR_PFO3.dwg (PROFILE - 926-930 - LINE A)

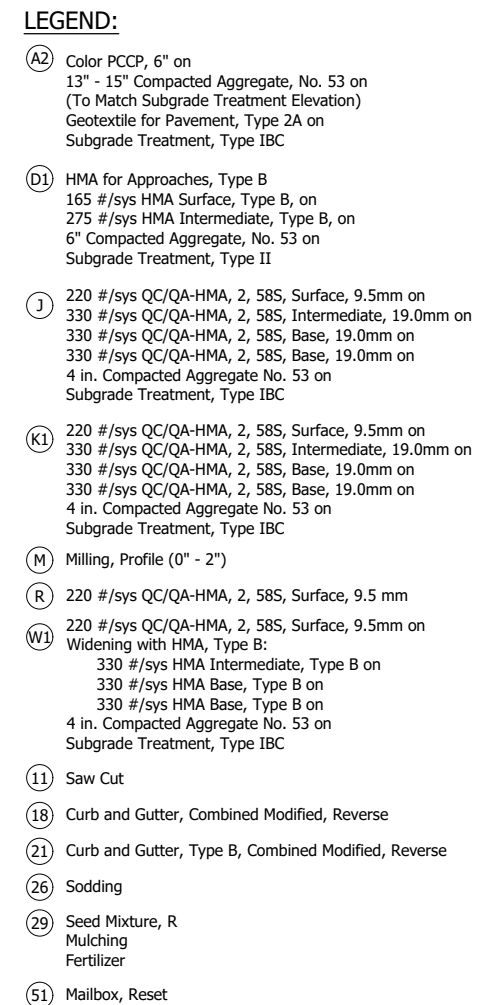


NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	
DESIGNED: DDE _____	DRAWN: GDH _____
CHECKED: DGA _____	CHECKED: DGA _____

INDIANA DEPARTMENT OF TRANSPORTATION	
PROFILE - LINE "A" STA. 926+00 TO STA. 930+00	

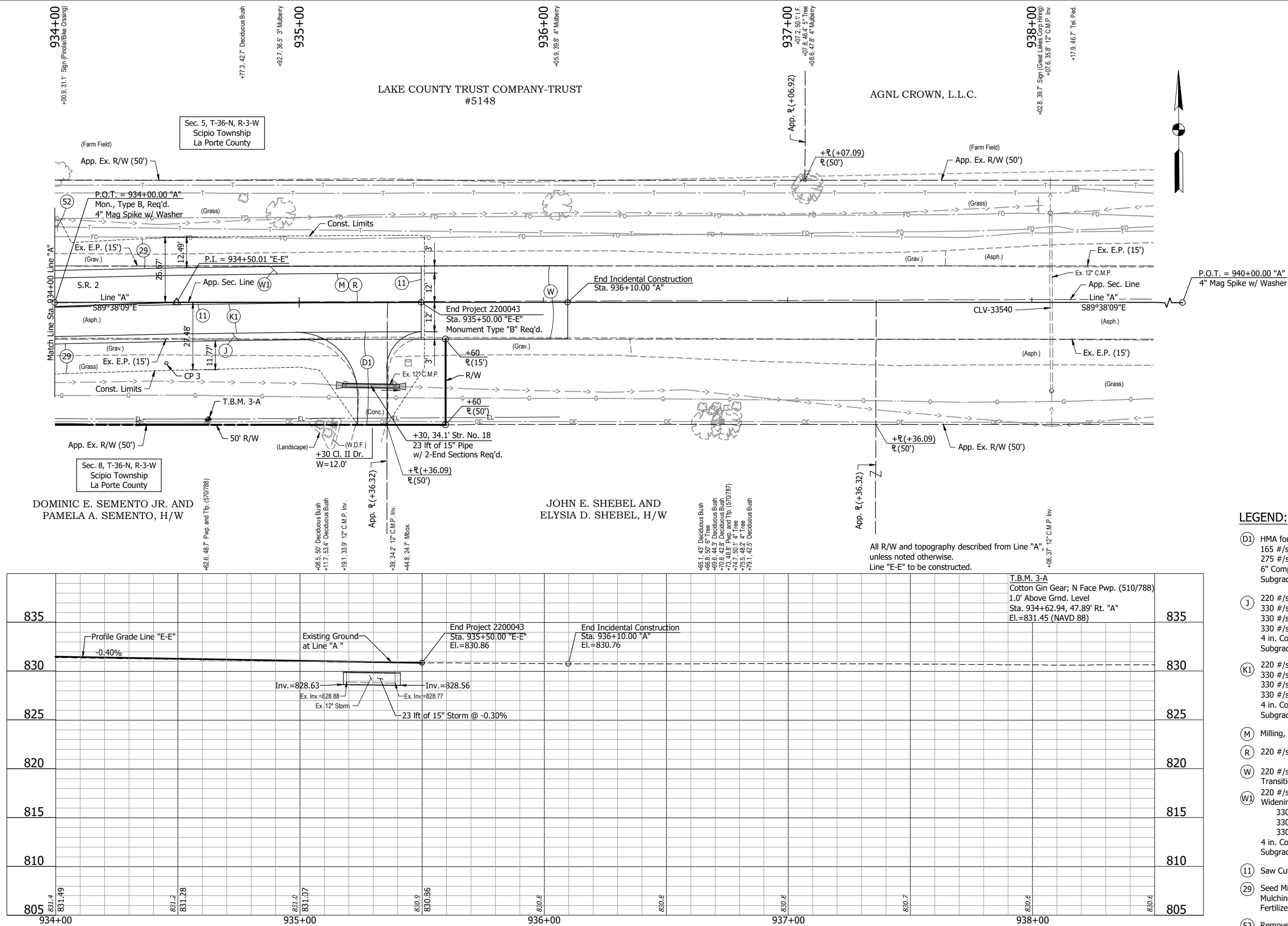
HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 2200043
SHEETS 20 of 70	
CONTRACT R-44648	



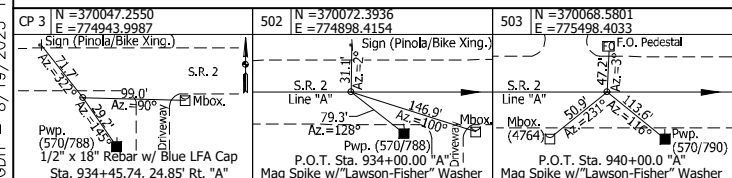
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: DDE	DRAWN: GDH	
CHECKED: DGA	CHECKED: DGA	

PLAN AND PROFILE - LINE "A"
STA. 930+00 TO STA. 934+00

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 5'		2200043	
		SHEETS	
		21	of 70
		CONTRACT	
		R-44648	



- LEGEND:**
- (D1) HMA for Approaches, Type B
165 #/sys HMA Surface, Type B, on
275 #/sys HMA Intermediate, Type B, on
6" Compacted Aggregate, No. 53 on
Subgrade Treatment, Type II
 - (J) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on
330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
4 in. Compacted Aggregate No. 53 on
Subgrade Treatment, Type IBC
 - (K1) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on
330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
4 in. Compacted Aggregate No. 53 on
Subgrade Treatment, Type IBC
 - (M) Milling, Profile (0" - 2")
 - (R) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5 mm
 - (W) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on
Transition Milling
 - (W1) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on
Widening with HMA, Type B:
330 #/sys HMA Intermediate, Type B on
330 #/sys HMA Base, Type B on
330 #/sys HMA Base, Type B on
4 in. Compacted Aggregate No. 53 on
Subgrade Treatment, Type IBC
 - (11) Saw Cut
 - (29) Seed Mixture, R
Mulching
Fertilizer
 - (52) Remove Existing Sign & Supports



NOT FOR
CONSTRUCTION

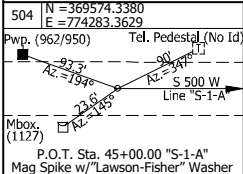
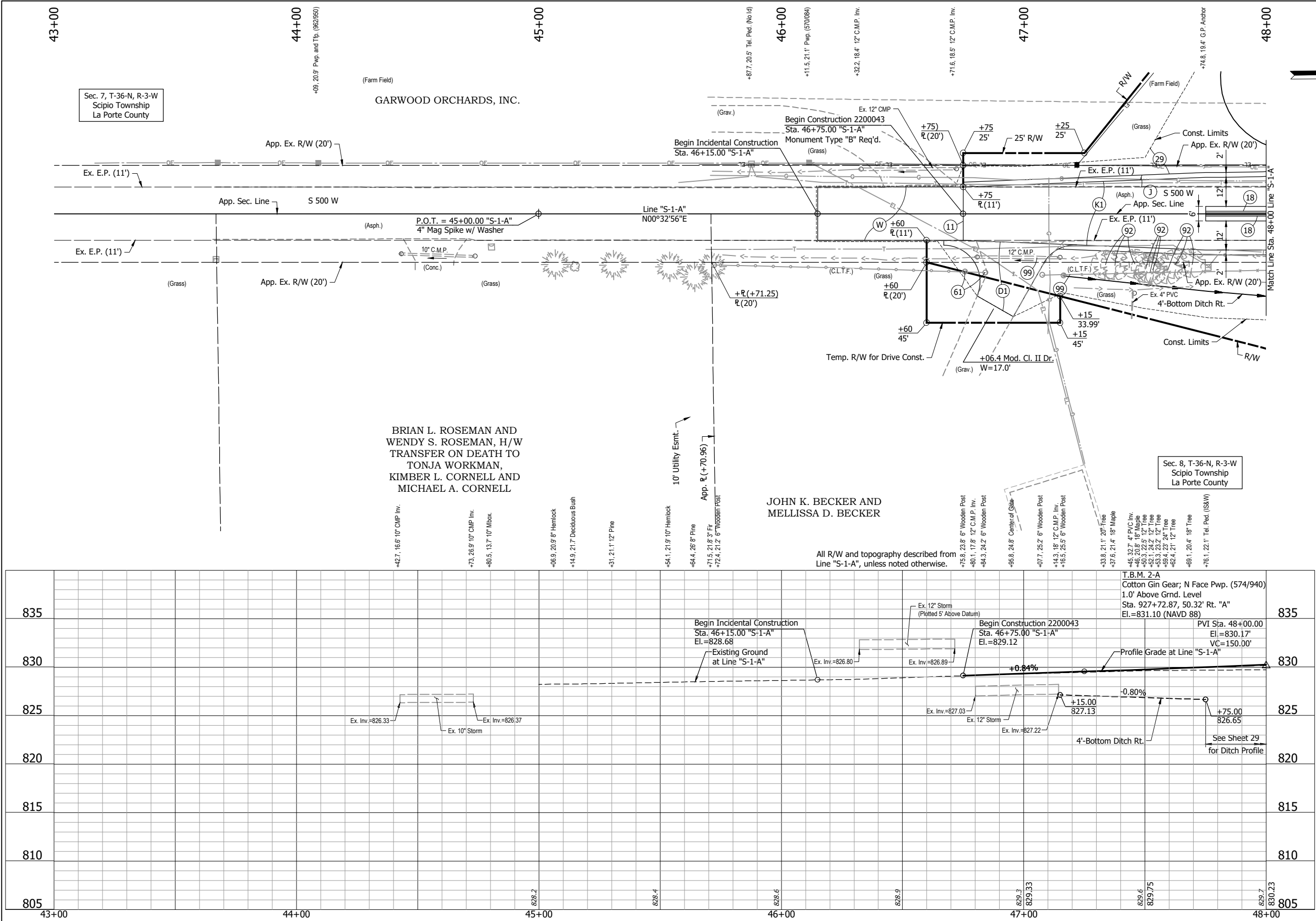
RECOMMENDED FOR APPROVAL		
	DESIGN ENGINEER	DATE
DESIGNED: <u>DDE</u>	DRAWN: <u>GDH</u>	
CHECKED: <u>DGA</u>	CHECKED: <u>DGA</u>	

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE - LINE "A"
STA. 934+00 TO STA. 938+50

HORIZONTAL SCALE	BRIDGE FILE		
1" = 20'			
VERTICAL SCALE	DESIGNATION		
1" = 5'	2200043		
	SHEETS		
	22	of	70
	CONTRACT		
	R-44648		

B/19/2025 1:45 PM — U:\2023\202318 INDOT SR2 Roundabout\Cod\Plan Set\Civil\231800TR_PPO6.dwg (P & P — 43-48 — LINE S-1-A)



NOT FOR
CONSTRUCTION

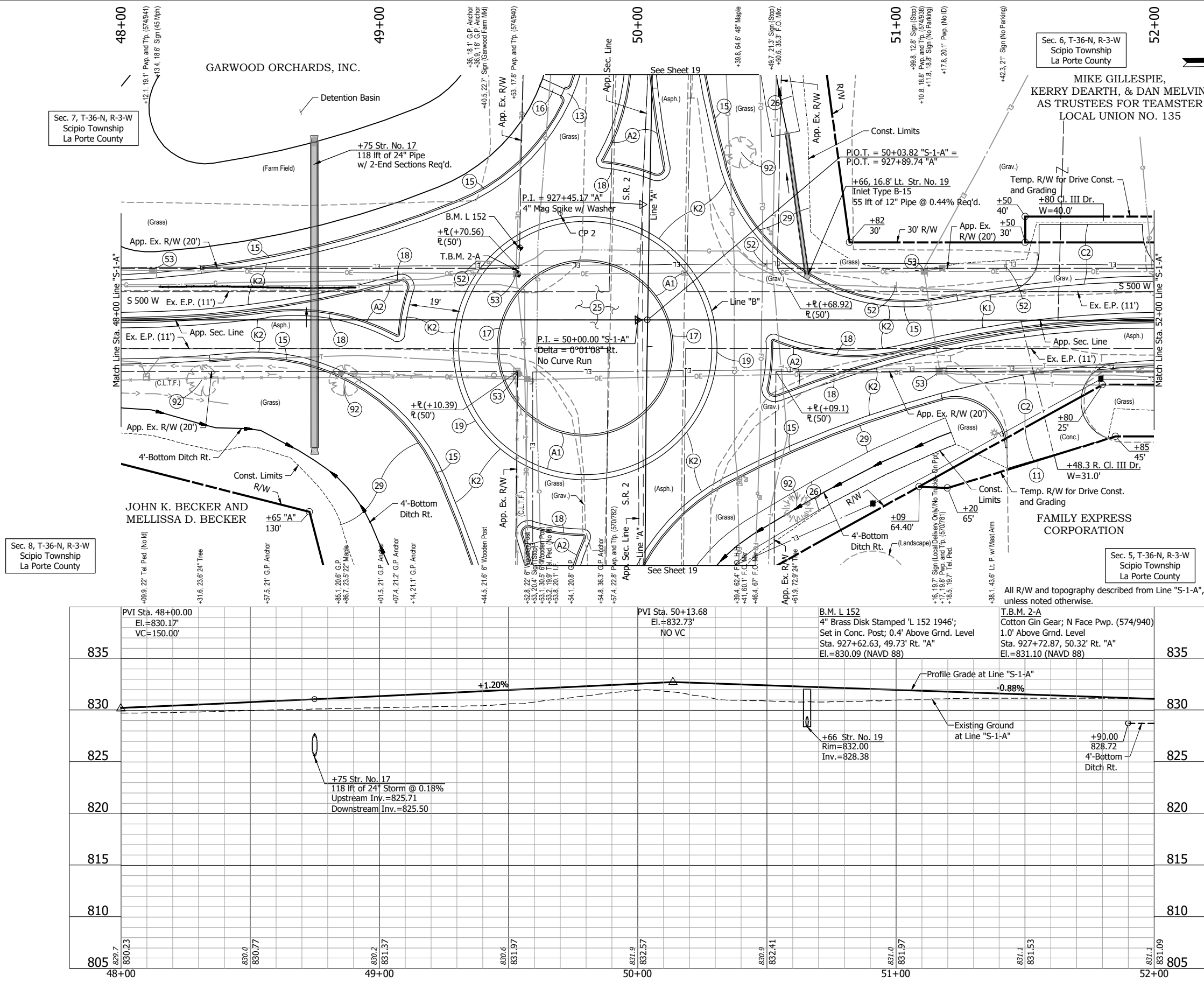
RECOMMENDED FOR APPROVAL	
DESIGN ENGINEER	DATE
DESIGNED: DDE	DRAWN: GDH
CHECKED: DGA	CHECKED: DGA

INDIANA DEPARTMENT OF TRANSPORTATION	
PLAN AND PROFILE - LINE "S-1-A" STA. 43+00 TO STA. 48+00	

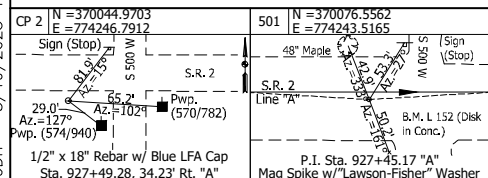
HORIZONTAL SCALE 1" = 20'		BRIDGE FILE	
VERTICAL SCALE 1" = 5'		DESIGNATION 2200043	
		SHEETS 23 of 70	
		CONTRACT R-44648	

LEGEND:

- (D1) HMA for Approaches, Type B
165 #/sys HMA Surface, Type B, on
275 #/sys HMA Intermediate, Type B, on
6" Compacted Aggregate, No. 53 on
Subgrade Treatment, Type II
- (J) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on
330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
4 in. Compacted Aggregate No. 53 on
Subgrade Treatment, Type IBC
- (K1) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on
330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
4 in. Compacted Aggregate No. 53 on
Subgrade Treatment, Type IBC
- (W) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on
Transition Milling
- (11) Saw Cut
- (18) Curb and Gutter, Combined Modified, Reverse
- (29) Seed Mixture, R
Mulching
Fertilizer
- (61) Fence, Remove and Reset
- (92) Tree Removal
- (99) Remove



- LEGEND:**
- (A1) Color PCCP 9" on
9" Compacted Aggregate, No. 53 on
Geotextile for Pavement, Type 2A on
Subgrade Treatment, Type IBC
 - (A2) Color PCCP, 6" on
13" - 15" Compacted Aggregate, No. 53 on
(To Match Subgrade Treatment Elevation)
Geotextile for Pavement, Type 2A on
Subgrade Treatment, Type IBC
 - (C2) PCCP for Approaches, 9" on
Dense Graded Subbase, 6" on
Geogrid, Type IB on
Subgrade Treatment, Type II
 - (K1) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on
330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
4 in. Compacted Aggregate No. 53 on
Subgrade Treatment, Type IBC
 - (K2) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on
330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on
330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on
330 #/sys QC/QA-HMA, 4, 58E, Intermediate, OG, 19.0mm on
4 in. Compacted Aggregate No. 53 on
Geotextile for Pavement, Type 2A on
Subgrade Treatment, Type IBC
 - (11) Saw Cut
 - (13) Curb and Gutter, Turnout Combined
 - (15) Curb and Gutter, Combined
 - (16) Concrete Gutter, A
 - (17) Integral Curb
 - (18) Curb and Gutter, Combined Modified, Reverse
 - (19) Curb and Gutter, Type B, Modified, 3" Reveal, Reverse
 - (25) Native Seed Mixture
 - (26) Sodding
 - (29) Seed Mixture, R
Mulching
Fertilizer
 - (52) Remove Existing Sign & Supports



NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE	
			1" = 20'			
			VERTICAL SCALE		DESIGNATION	
			1" = 5'		2200043	
DESIGNED: <u>DDE</u>	DRAWN: <u>GDH</u>	PLAN AND PROFILE - LINE "S-1-A" STA. 48+00 TO STA. 52+00	SHEETS			
CHECKED: <u>DGA</u>	CHECKED: <u>DGA</u>		24 of 70			
			CONTRACT			
			R-44648			



All R/W and topography described from Line "S-1-A",
unless noted otherwise.

- 1) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on 330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 4 in. Compacted Aggregate No. 53 on Subgrade Treatment, Type IBC
- K1) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on 330 #/sys QC/QA-HMA, 2, 58S, Intermediate, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 330 #/sys QC/QA-HMA, 2, 58S, Base, 19.0mm on 4 in. Compacted Aggregate No. 53 on Subgrade Treatment, Type IBC
- W) 220 #/sys QC/QA-HMA, 2, 58S, Surface, 9.5mm on Transition Milling
- 11) Saw Cut
- 18) Curb and Gutter, Combined Modified, Reverse
- 29) Seed Mixture, R
Mulching
Fertilizer
- 50) No Change Required to Existing Sign and Supports
- 52) Remove Existing Sign & Supports
- 53) Remove Existing Sign From Existing Pole

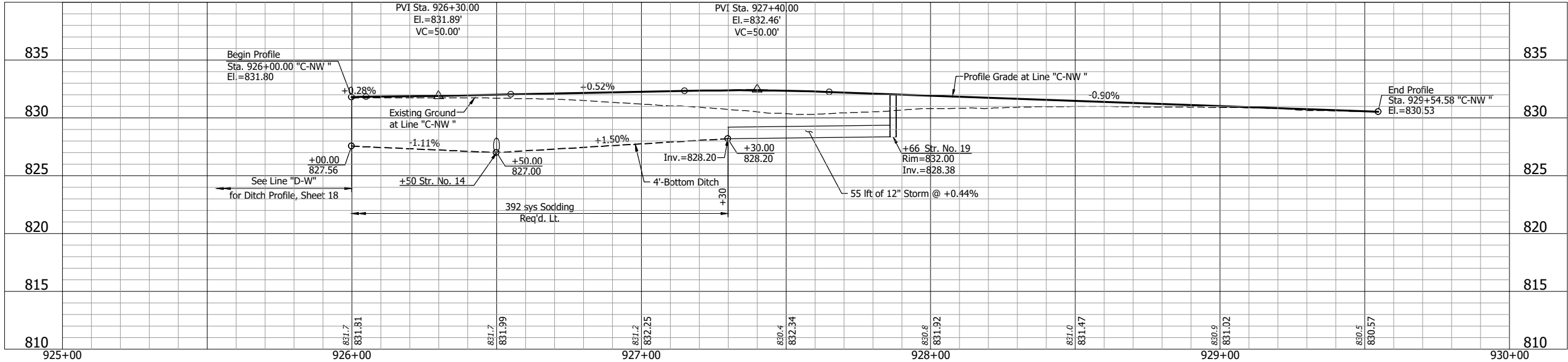
HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 5'		2200043	
		SHEETS	
		25	of 70
		CONTRACT	
		R-44648	

NOT FOR
CONSTRUCTION

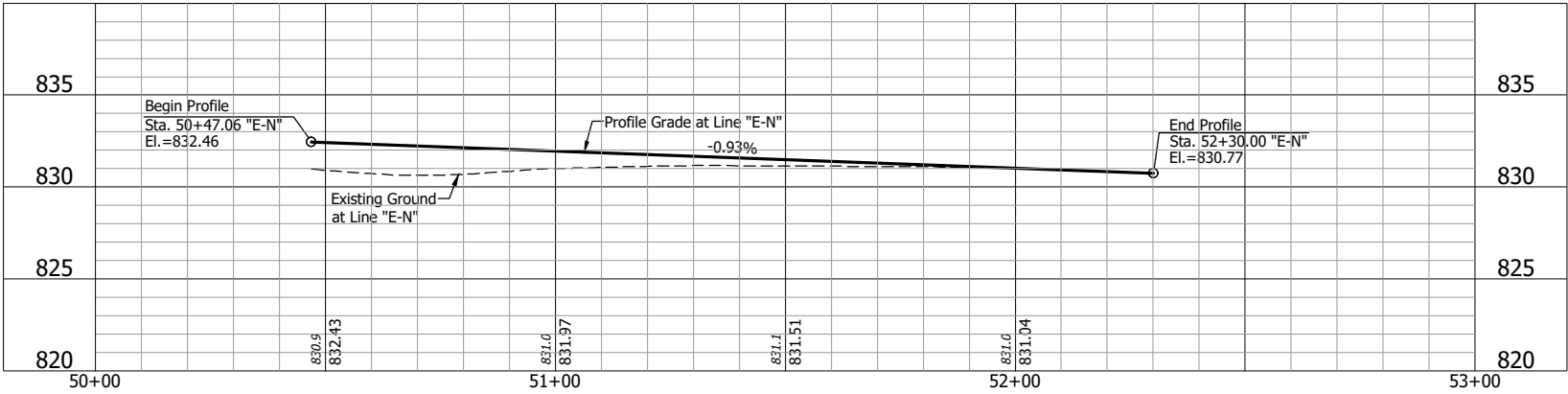
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: <u>DDE</u>	DRAWN: <u>GDH</u>		
CHECKED: <u>DGA</u>	CHECKED: <u>DGA</u>		

PLAN AND PROFILE - LINE "S-1-A"
STA. 52+00 TO STA. 55+00

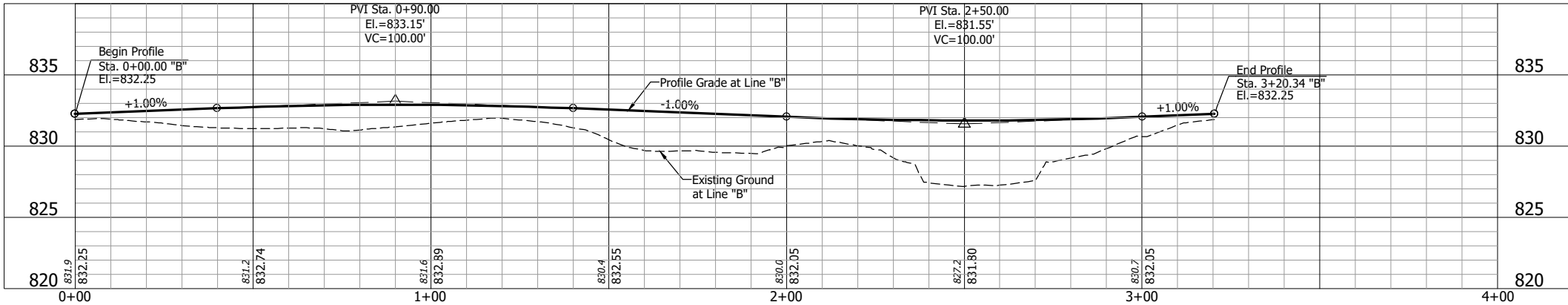
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PROFILE - LINE "C-NW"
Sta. 926+00.00 to Sta. 929+54.58



PROFILE - LINE "E-N"
Sta. 50+47.06 to Sta. 52+30.00



PROFILE - LINE "B"
Sta. 0+00 to Sta. 3+20.34

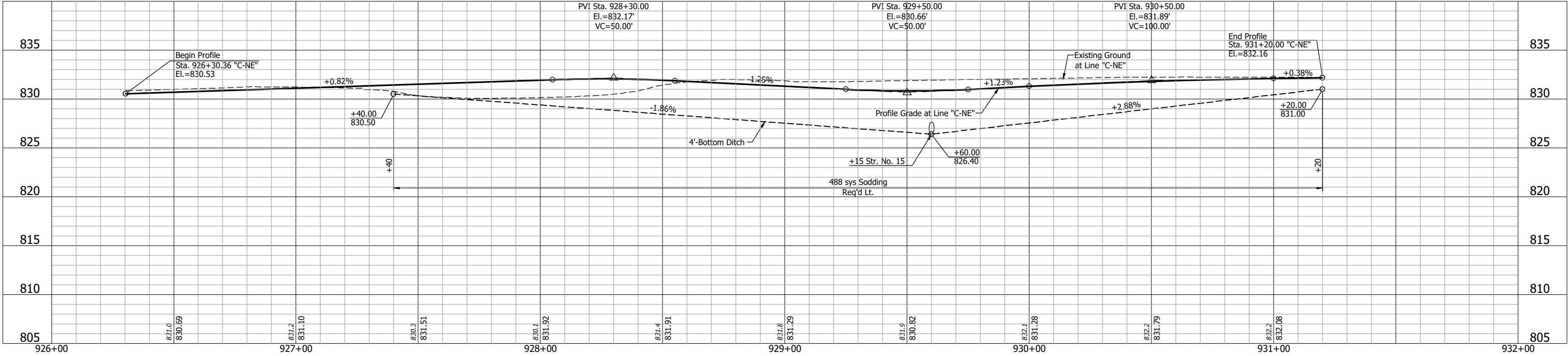
NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	
DESIGNED: JDD	DRAWN: GDH
CHECKED: DGA	CHECKED: DGA

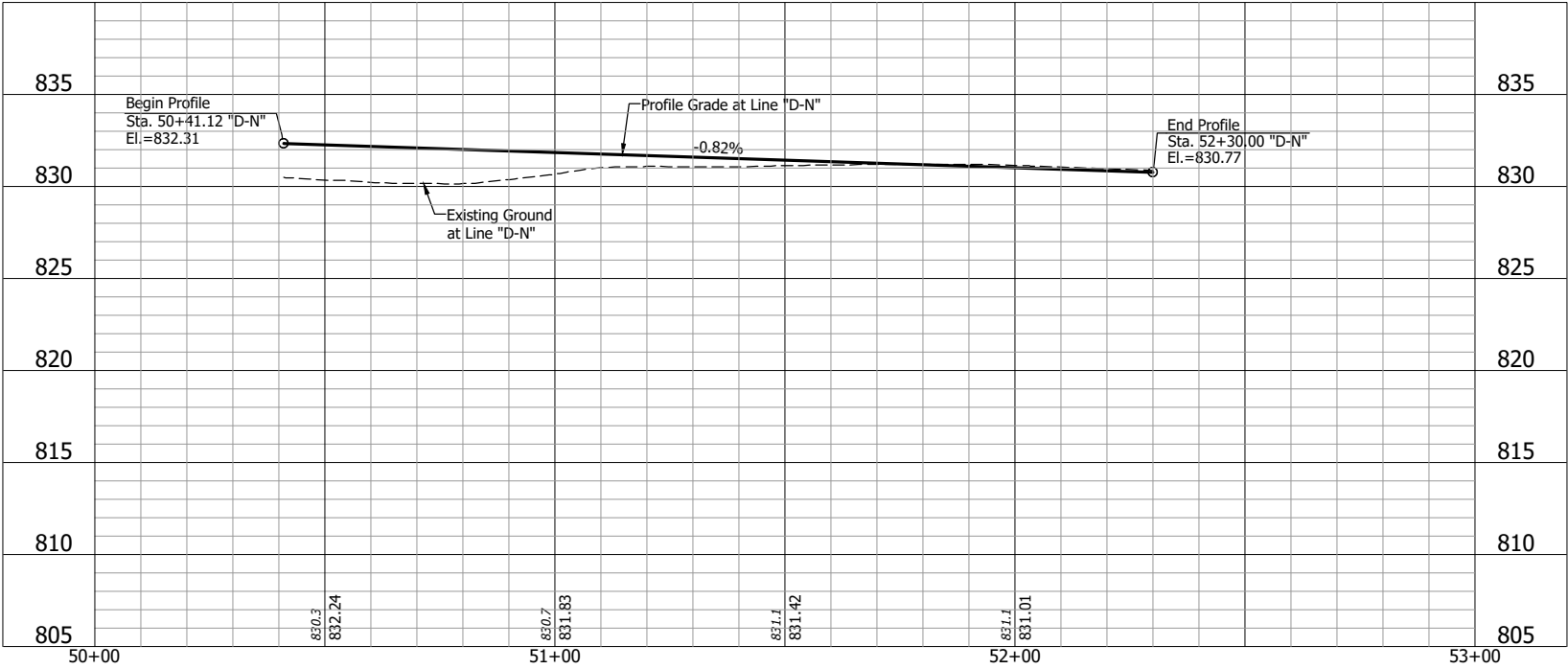
INDIANA DEPARTMENT OF TRANSPORTATION	
ROUNABOUT CURB PROFILES	

HORIZONTAL SCALE 1" = 20'		BRIDGE FILE	
VERTICAL SCALE 1" = 5'		DESIGNATION 2200043	
		SHEETS 26 of 70	
		CONTRACT R-44648	

CDH - 8/19/2025 1:44 PM - U:\2023\202318 INDOT SR2 Roundabout\Cod\Plan Set\Civil\231800TR_PF12.dwg (PROFILES - N.E. - C-NE & D-N)



PROFILE - LINE "C-NE"
Sta. 926+30.36 to Sta. 931+20.00



PROFILE - LINE "D-N"
Sta. 50+41.12 to Sta. 52+30.00

NOT FOR
CONSTRUCTION

RECOMMENDED
FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: JDD DRAWN: GDH

CHECKED: DGA CHECKED: DGA

INDIANA
DEPARTMENT OF TRANSPORTATION

ROUNABOUT CURB PROFILES

HORIZONTAL SCALE

1" = 20'

VERTICAL SCALE

1" = 5'

BRIDGE FILE

DESIGNATION

2200043

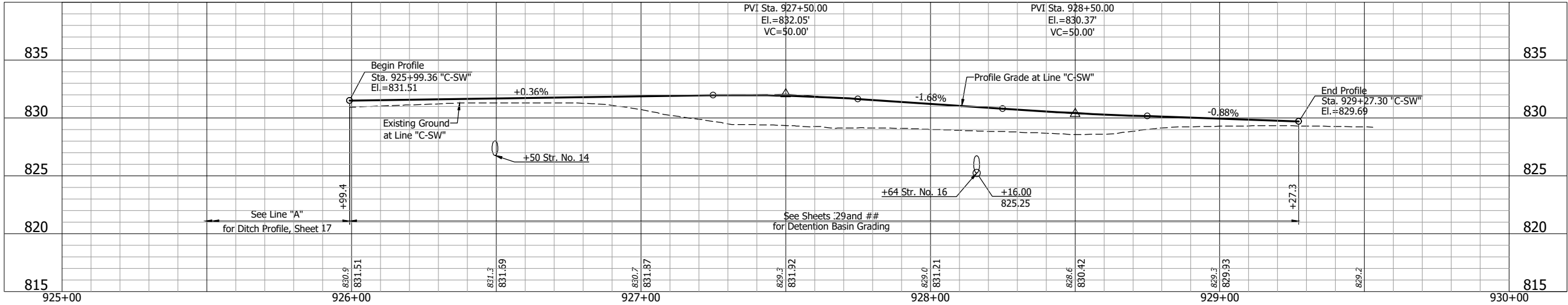
SHEETS

27 of 70

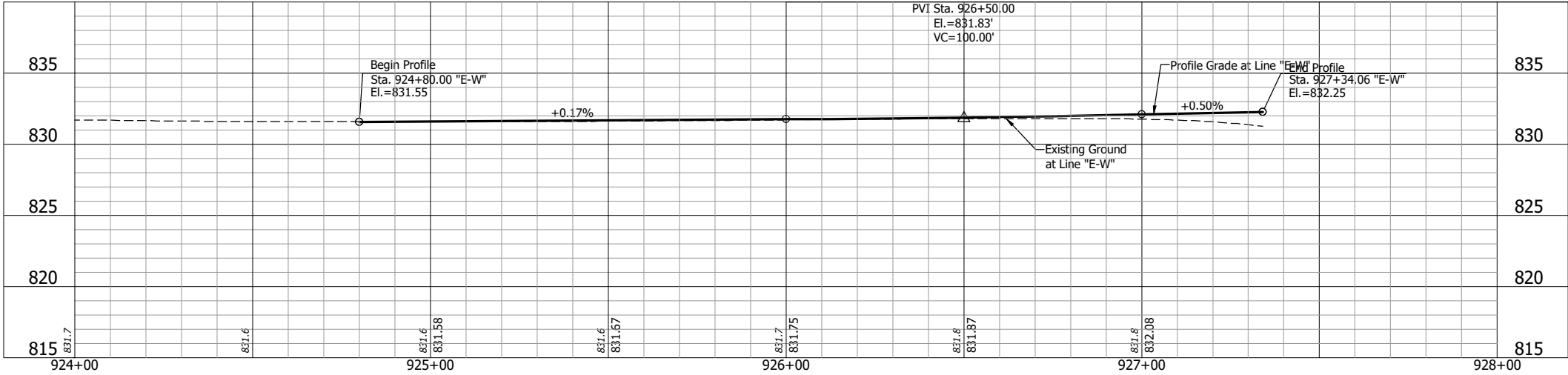
CONTRACT

R-44648

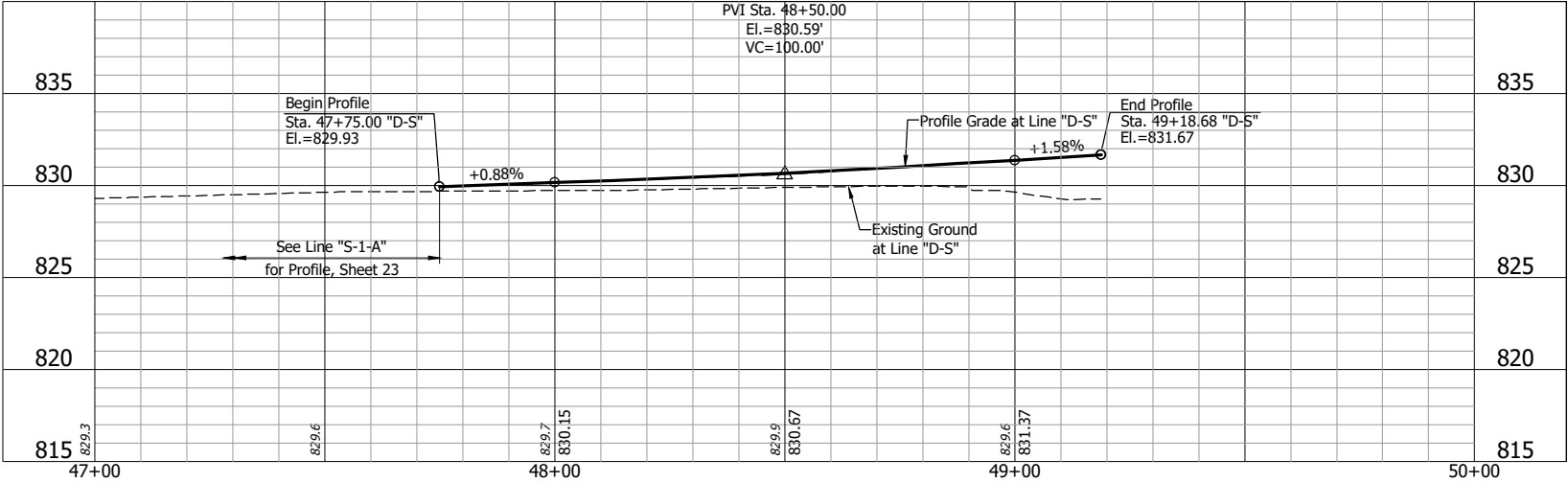
CDH - 8/19/2025 1:46 PM - U:\2023\202318 INDOT SR2 Roundabout\Cad\Plan Set\Civil\231800TR_PFI3.dwg (PROFILES - S.W. - C-SW & EW & DS)



PROFILE - LINE "C-SW"
Sta. 925+99.36 to Sta. 929+27.30



PROFILE - LINE "E-W"
Sta. 924+80.00 to Sta. 927+34.06



PROFILE - LINE "D-S"
Sta. 47+75.00 to Sta. 49+18.68

NOT FOR
CONSTRUCTION

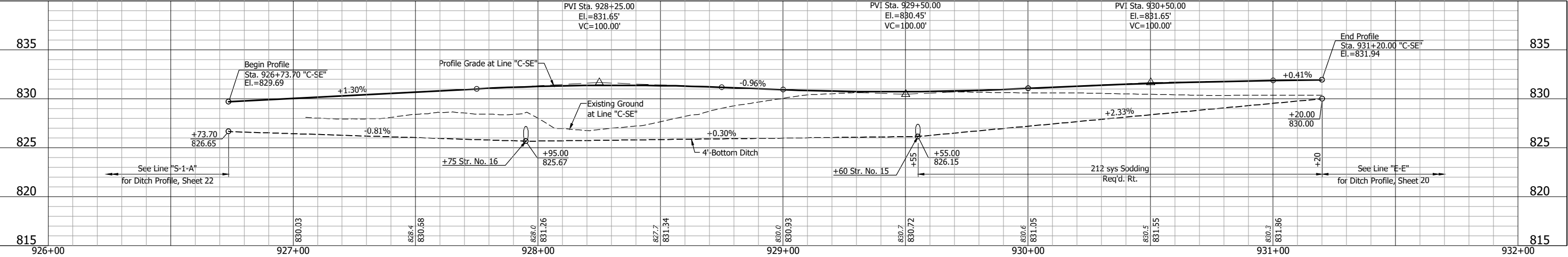
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JDD	DRAWN: GDH	
CHECKED: DGA	CHECKED: DGA	

INDIANA
DEPARTMENT OF TRANSPORTATION

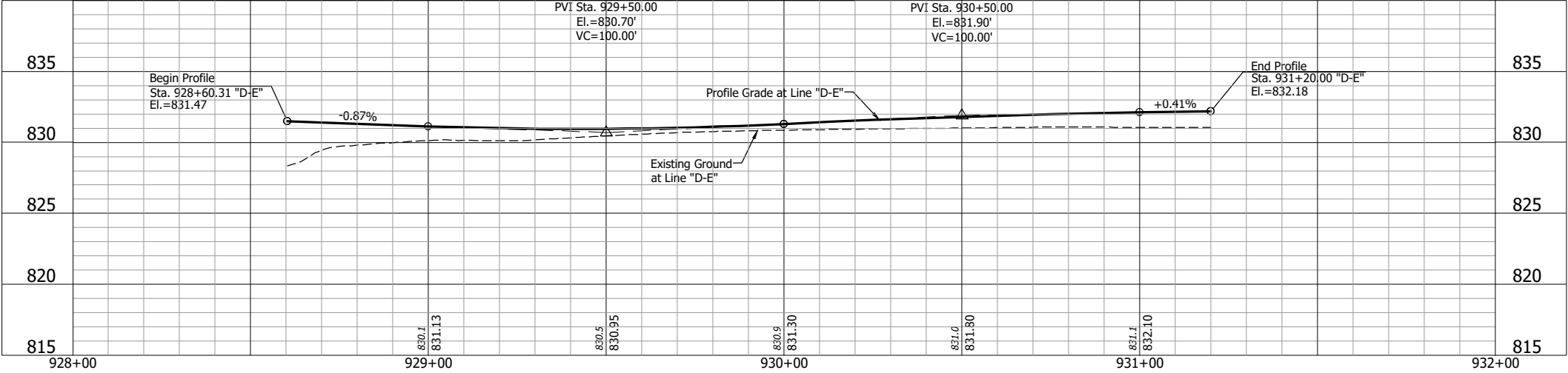
ROUNDBOUT CURB PROFILES

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2200043
SHEETS	
28	of 70
CONTRACT	
R-44648	

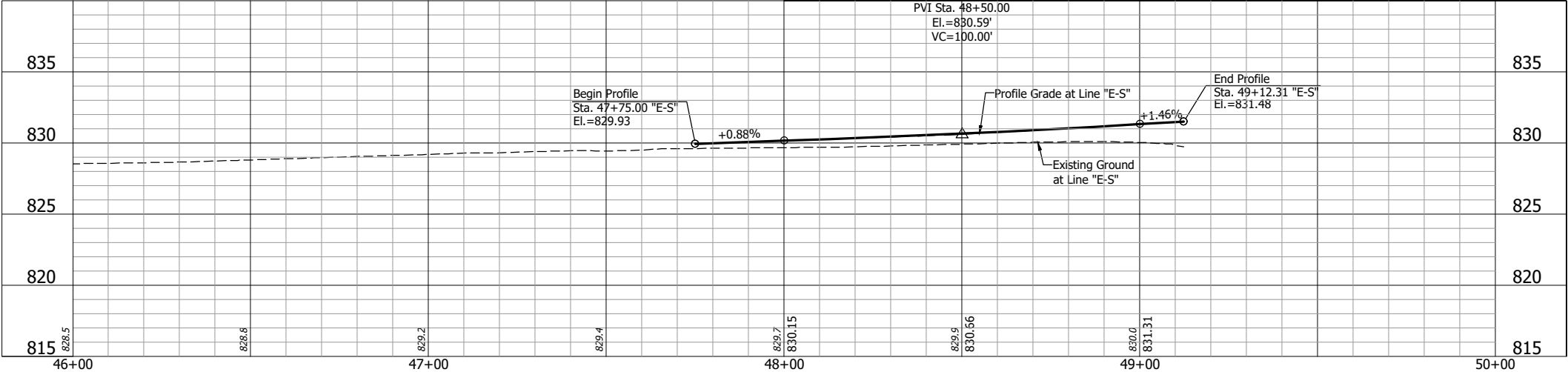
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PROFILE - LINE "C-SE"
Sta. 926+73.70 to Sta. 931+20.00



PROFILE - LINE "D-E"
Sta. 928+60.31 to Sta. 931+20.00



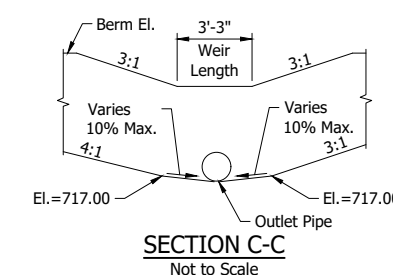
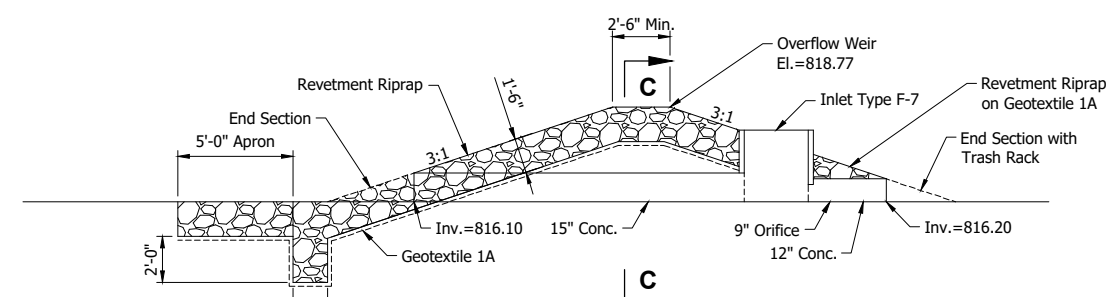
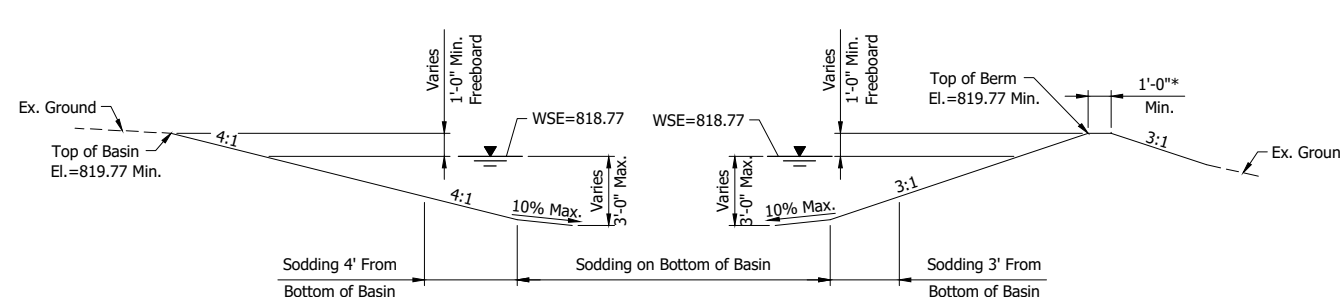
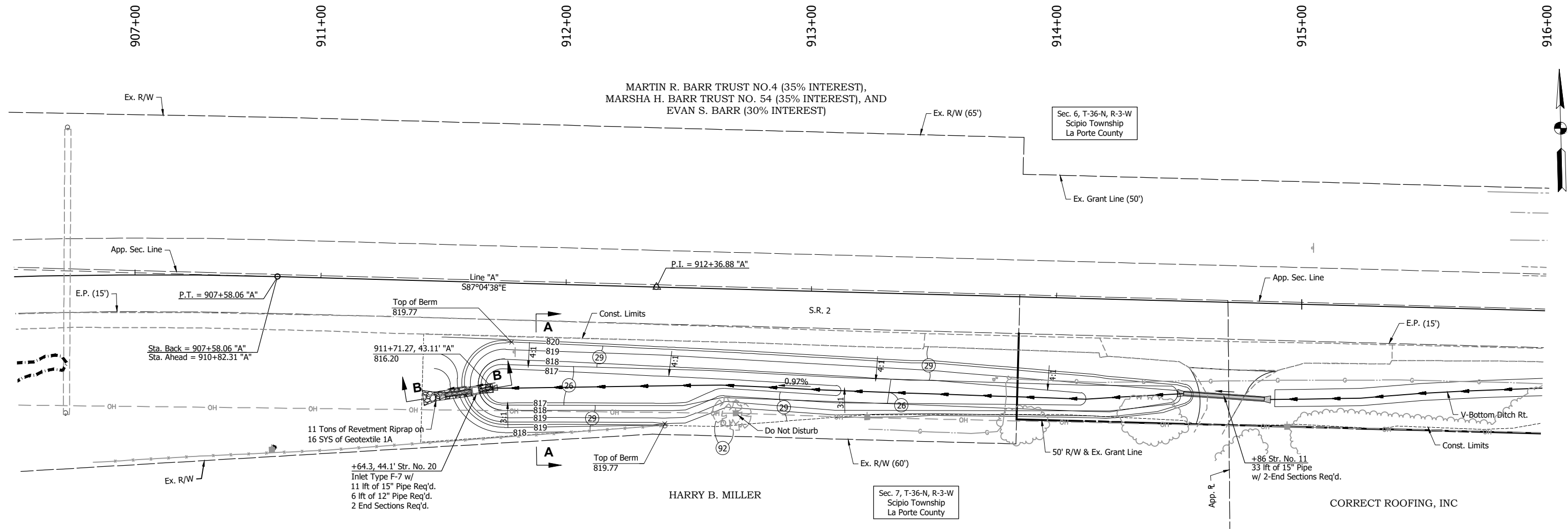
PROFILE - LINE "E-S"
Sta. 47+75.00 to Sta. 49+12.31

NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	
DESIGNED: JDD	DRAWN: GDH
CHECKED: DGA	CHECKED: DGA

INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
	VERTICAL SCALE 1" = 5'	DESIGNATION 2200043
ROUNDBABOUT CURB PROFILES	SHEETS	
	29 of 70 CONTRACT R-44648	

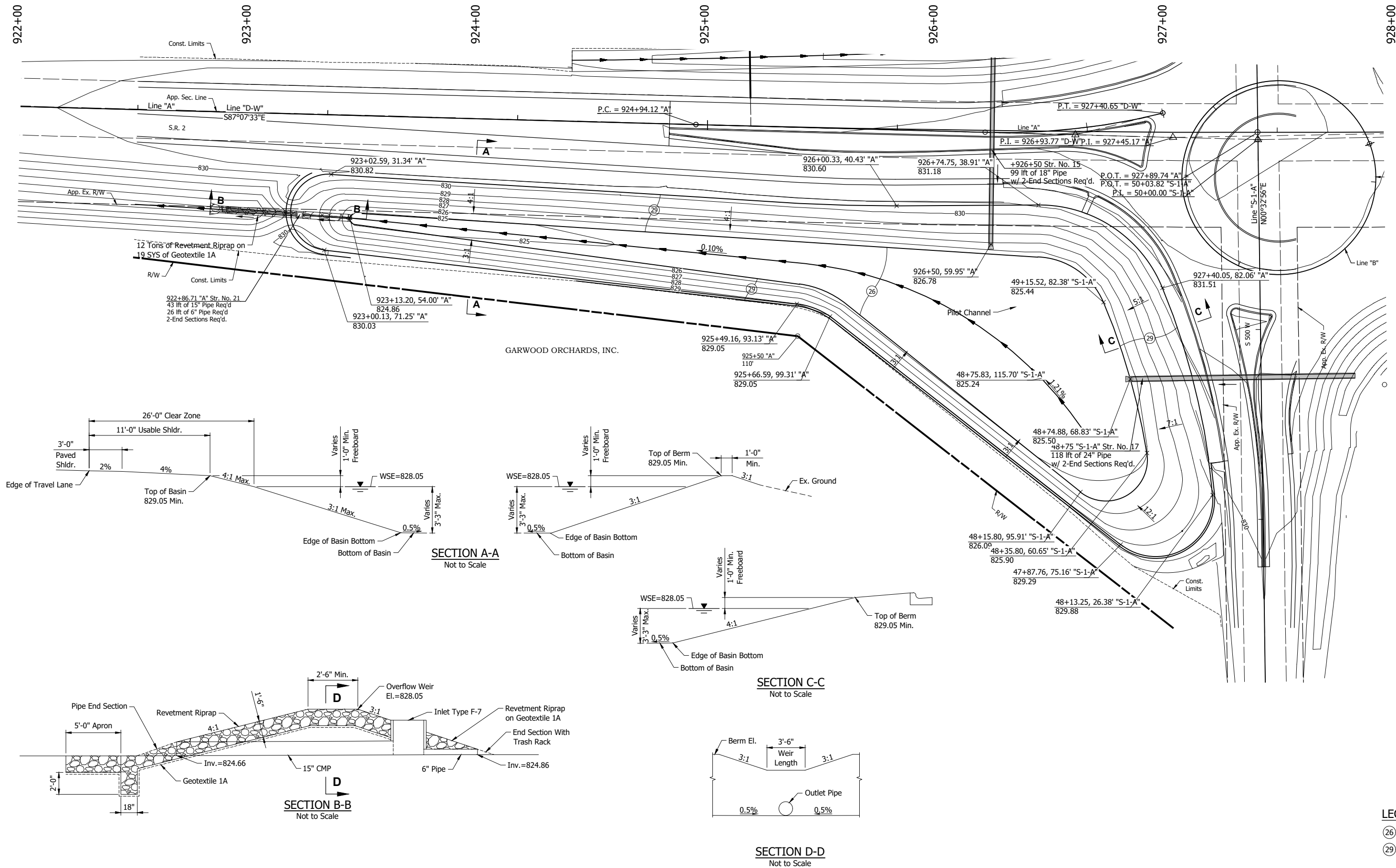
FTP -- 8/19/2025 1:45 PM -- U:\2023\202318 INDOT SP2 Roundabout\Cad\Plan Set\Civil\231800TR_GP02.dwg (INLINE DETENTION BASIN)



- LEGEND:**
- (26) Sodding
 - (29) Seed Mixture, R Mulching Fertilizer
 - (92) Tree Removal

NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		SCALE		BRIDGE FILE		
			1" = 20'				
					DESIGNATION		
DESIGNED: FTP		DRAWN:GDH				2200043	
CHECKED: DGA		CHECKED: DGA		INLINE DETENTION PLAN AND SECTIONS		SHEETS	
						30 of 70	
						CONTRACT	
						R-44648	



LEGEND:

- (26) Sodding
- (29) Seed Mixture, R Mulching Fertilizer

NOT FOR
CONSTRUCTION

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: DJT

DRAWN: GDH

CHECKED: DGA

CHECKED: DGA

INDIANA
DEPARTMENT OF TRANSPORTATION

DETENTION BASIN PLAN
AND SECTIONS

SCALE
1" = 20'

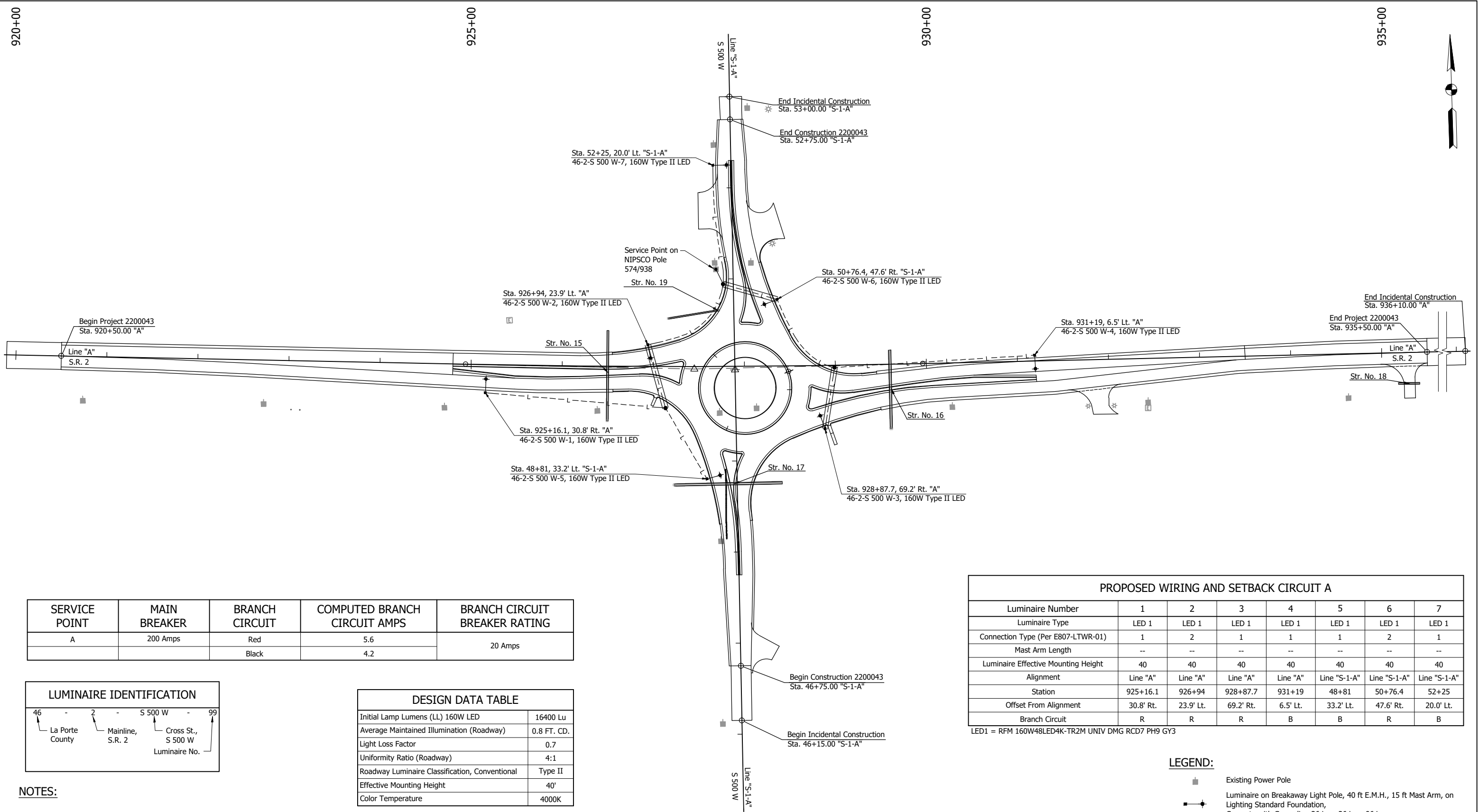
BRIDGE FILE

DESIGNATION
2200043

SHEETS
31 of 70

CONTRACT
R-44648

CDH - 8/19/2025 1:45 PM - U:\2023\202318 INDOT SR2 Roundabout\Cod\Plan Set\Civil\231800LT_PL01.dwg (LIGHTING PLAN)



SERVICE POINT	MAIN BREAKER	BRANCH CIRCUIT	COMPUTED BRANCH CIRCUIT AMPS	BRANCH CIRCUIT BREAKER RATING
A	200 Amps	Red	5.6	20 Amps
		Black	4.2	

LUMINAIRE IDENTIFICATION

46

-

2

-

S 500 W

-

99

La Porte County

Mainline, S.R. 2

Cross St., S 500 W

Luminaire No.

DESIGN DATA TABLE	
Initial Lamp Lumens (LL) 160W LED	16400 Lu
Average Maintained Illumination (Roadway)	0.8 FT. CD.
Light Loss Factor	0.7
Uniformity Ratio (Roadway)	4:1
Roadway Luminaire Classification, Conventional	Type II
Effective Mounting Height	40'
Color Temperature	4000K

- NOTES:
- Type II Luminaire Shall Provide a Light Distribution Equivalent to Road Focus RFM 160W48LED4K-T R2M UNIV DMG RCD7 PH9 GY3 RFM-160W48LED4K-T-R2M (S1410105m).
 - Light poles and other above-ground lighting equipment shall be outside of obstruction free zone, see Typical Sections.

PROPOSED WIRING AND SETBACK CIRCUIT A							
Luminaire Number	1	2	3	4	5	6	7
Luminaire Type	LED 1	LED 1	LED 1	LED 1	LED 1	LED 1	LED 1
Connection Type (Per E807-LTWR-01)	1	2	1	1	1	2	1
Mast Arm Length	--	--	--	--	--	--	--
Luminaire Effective Mounting Height	40	40	40	40	40	40	40
Alignment	Line "A"	Line "A"	Line "A"	Line "A"	Line "S-1-A"	Line "S-1-A"	Line "S-1-A"
Station	925+16.1	926+94	928+87.7	931+19	48+81	50+76.4	52+25
Offset From Alignment	30.8' Rt.	23.9' Lt.	69.2' Rt.	6.5' Lt.	33.2' Lt.	47.6' Rt.	20.0' Lt.
Branch Circuit	R	R	R	B	B	R	B

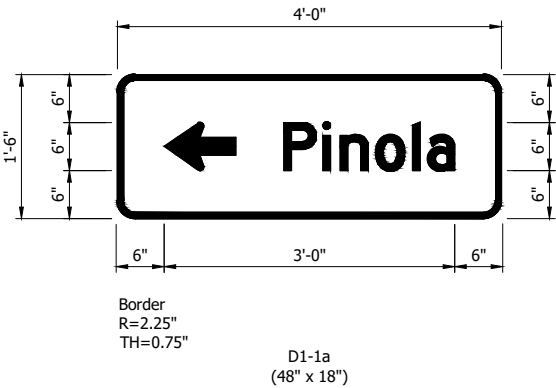
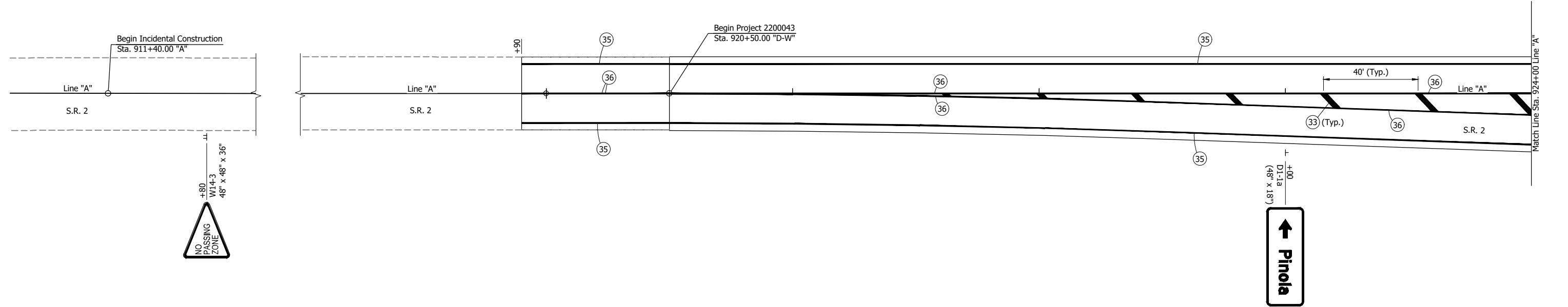
LED1 = RFM 160W48LED4K-TR2M UNIV DMG RCD7 PH9 GY3

- LEGEND:
- Existing Power Pole
 - Luminaire on Breakaway Light Pole, 40 ft E.M.H., 15 ft Mast Arm, on Lighting Standard Foundation, Concrete with Grounding 36 in. x 36 in. x 96 in.
 - Service Point, Type II
 - 4-1/C No. 4 AWG in Plastic Conduit
 - 4-1/C No. 4 AWG in 2" Sch. 80 HDPE Conduit

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 50'	BRIDGE FILE
	LIGHTING PLAN			DESIGNATION 2200043
				SHEETS 32 of 70
				CONTRACT R-44648

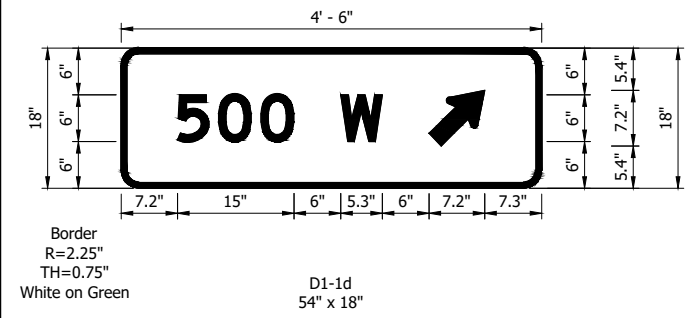
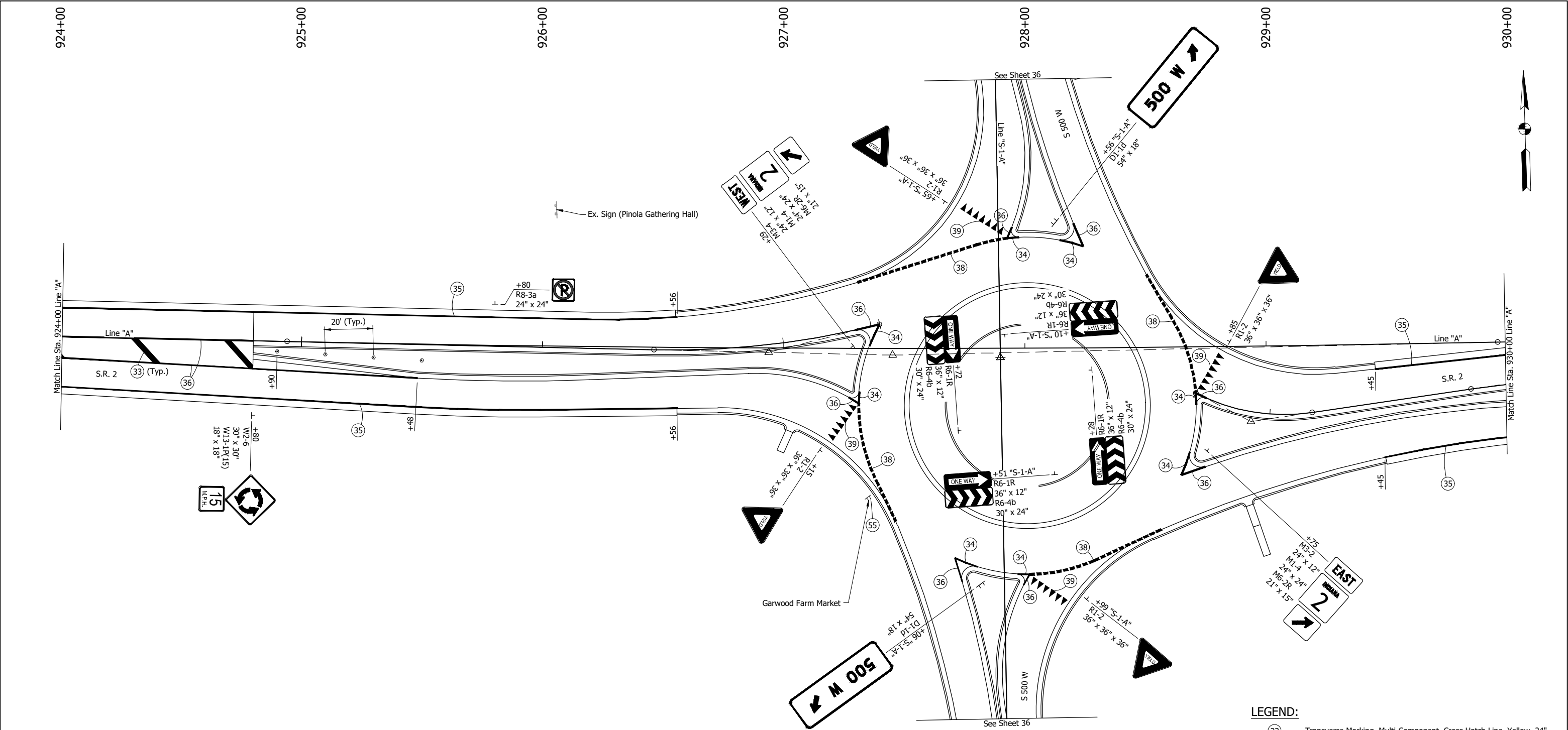
CDH -- 8/19/2025 1:45 PM -- U:\2023\202318 INDOT SR2 Roundabout\Cad\Plan Set\Civil\231800PM_PLO1.dwg (PVMT. MRKG. 01)



- NOTES:**
- Centerline pavement markings shall receive rumble stripes per INDOT Standard Drawing E 606-SHCG-06.
 - Edgeline pavement marking shall receive rumble stripes per INDOT Standard Drawing E 606-SHCG-07.
 - All signs described from Line "A", unless noted otherwise.
- LEGEND:**
- (33) Transverse Marking, Multi-Component, Cross Hatch Line, Yellow, 24"
 - (35) Line, Multi-Component, Solid, White, 6"
 - (36) Line, Multi-Component, Solid, Yellow, 6"
 - T Ground Mounted Sign (Single Post)
 - TT Ground Mounted Sign (Double Post)

NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 20'		BRIDGE FILE	
					DESIGNATION 2200043			
DESIGNED: DDE	DRAWN: GDH		PAVEMENT MARKING AND SIGNING PLAN STA. 918+00 TO STA. 924+00 - LINE "A"				SHEETS	
CHECKED: DGA	CHECKED: DGA						33	of 70
							CONTRACT R-44648	



- LEGEND:**
- (33) Transverse Marking, Multi-Component, Cross Hatch Line, Yellow, 24"
 - (34) Line, Multi-Component, Solid, White, 8"
 - (35) Line, Multi-Component, Solid, White, 6"
 - (36) Line, Multi-Component, Solid, Yellow, 6"
 - (38) Line, Multi-Component, Dotted, White, 12"
 - (39) Transverse Marking, Multi-Component, Yield Line, White, 36"
 - (55) Remove Reset
 - ⊙ Delineator Post, Flexible, Type II
 - ⌣ Ground Mounted Sign (Single Post)
 - ⌣⌣ Ground Mounted Sign (Double Post)
 - Existing Sign to Remain

- NOTES:**
- Centerline pavement markings shall receive rumble stripes per INDOT Standard Drawing E 606-SHCG-06.
 - Edgeline pavement marking shall receive rumble stripes per INDOT Standard Drawing E 606-SHCG-07.
 - All signs described from Line "A", unless noted otherwise.

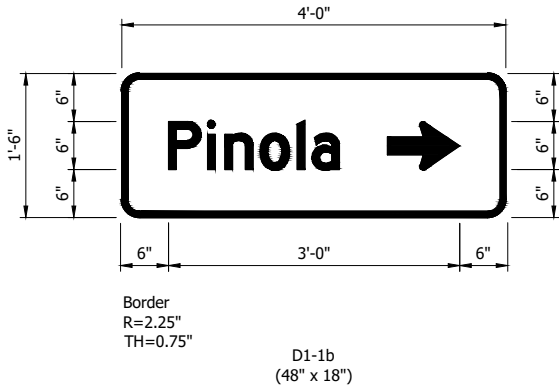
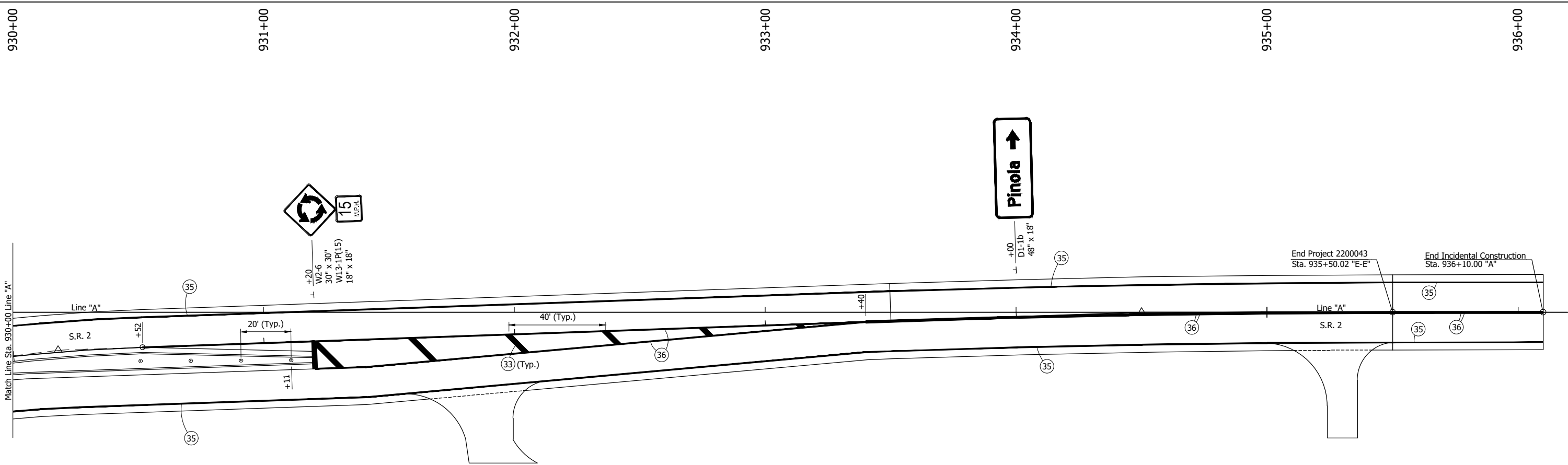
NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL	
DESIGNED: DDE	DRAWN: GDH
CHECKED: DGA	CHECKED: DGA

INDIANA DEPARTMENT OF TRANSPORTATION	
PAVEMENT MARKING AND SIGNING PLAN STA. 924+00 TO STA. 930+00 - LINE "A"	

SCALE 1" = 20'	BRIDGE FILE
	DESIGNATION 2200043
	SHEETS 34 of 70
	CONTRACT R-44648

CDH - 8/19/2025 1:46 PM - U:\2023\202318 INDOT SR2 Roundabout\Cad\Plan Set\Civil\231800PM_PLO1.dwg (PVMT. MRKG. 03)



- NOTES:**
- Centerline pavement markings shall receive rumble stripes per INDOT Standard Drawing E 606-SHCG-06.
 - Edgeline pavement marking shall receive rumble stripes per INDOT Standard Drawing E 606-SHCG-07.
 - All signs described from Line "A", unless noted otherwise.

- LEGEND:**
- (33) Transverse Marking, Multi-Component, Cross Hatch Line, Yellow, 24"
 - (35) Line, Multi-Component, Solid, White, 6"
 - (36) Line, Multi-Component, Solid, Yellow, 6"
 - ⊙ Delineator Post, Flexible, Type II
 - ⊥ Ground Mounted Sign (Single Post)

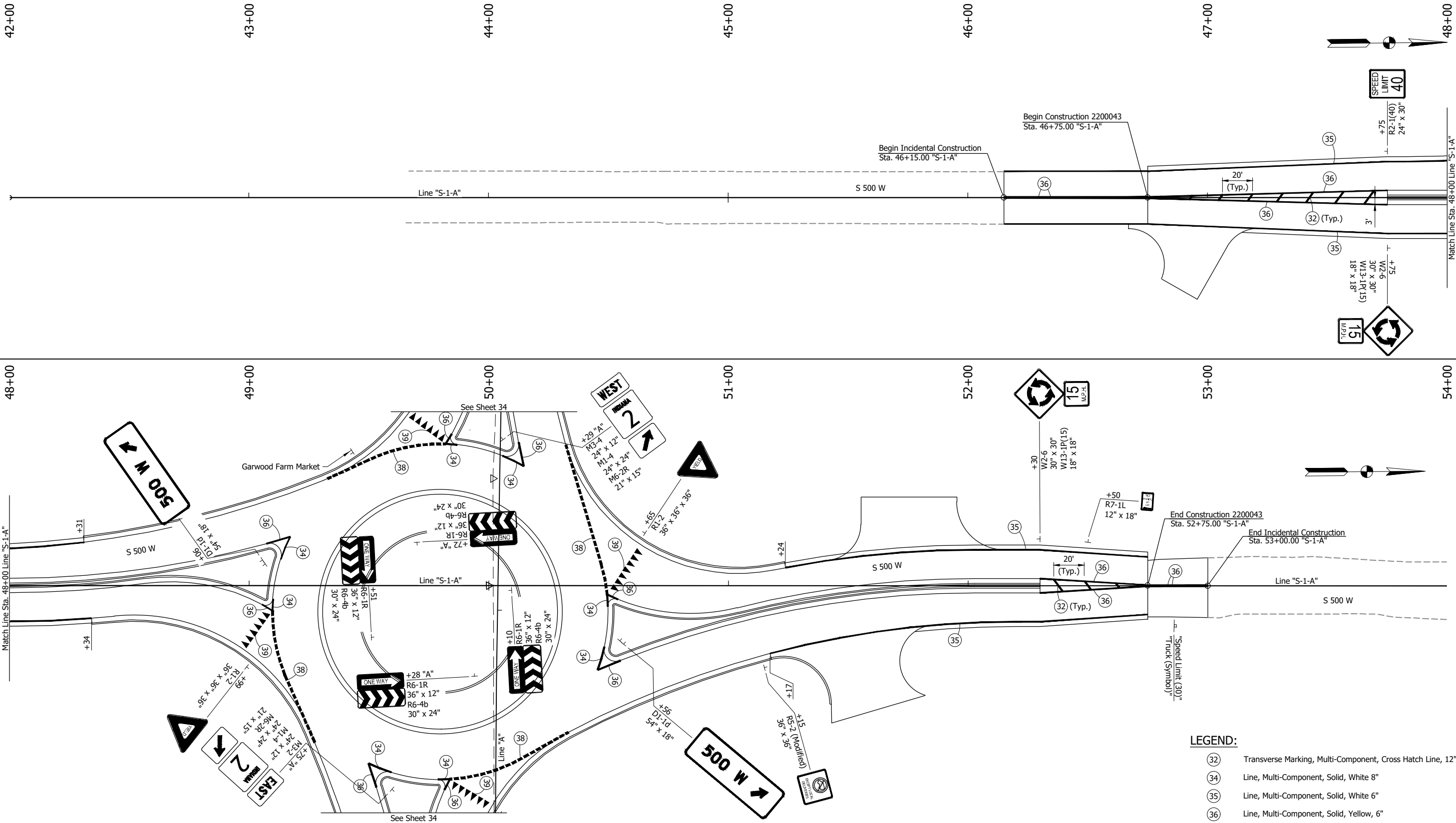
NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	
DESIGNED: DDE _____	DRAWN: GDH _____
CHECKED: DGA _____	CHECKED: DGA _____

INDIANA DEPARTMENT OF TRANSPORTATION	
PAVEMENT MARKING AND SIGNING PLAN STA. 930+00 TO STA. 936+00 - LINE "A"	

SCALE 1" = 20'	
BRIDGE FILE	
DESIGNATION 2200043	
SHEETS 35 of 70	
CONTRACT R-44648	

GDH - 8/19/2025 1:44 PM - U:\2023\202318 INDOT SR2 Roundabout\Cod\Plan Set\Civil\231800PM_FLO2.dwg (PVMT. MRKG. 04 - S-1-A)



NOTES:

- Centerline pavement markings shall receive rumble stripes per INDOT Standard Drawing E 606-SHCG-06.
- Edge line pavement marking shall receive rumble stripes per INDOT Standard Drawing E 606-SHCG-07.

LEGEND:

- (32) Transverse Marking, Multi-Component, Cross Hatch Line, 12"
- (34) Line, Multi-Component, Solid, White 8"
- (35) Line, Multi-Component, Solid, White 6"
- (36) Line, Multi-Component, Solid, Yellow, 6"
- (38) Line, Multi-Component, Dotted, White 12"
- (39) Transverse Marking, Multi-Component, Yield Line, White, 36"
- ⊥ Ground Mounted Sign (Single Post)
- ⊥⊥ Ground Mounted Sign (Double Post)
- Existing Sign to Remain

NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	
DESIGNED: DDE	DRAWN: GDH
CHECKED: DGA	CHECKED: DGA

INDIANA DEPARTMENT OF TRANSPORTATION	
PAVEMENT MARKING AND SIGNING PLAN STA. 45+00 TO STA. 54+00 - LINE "S-1-A"	

SCALE 1" = 20'	
BRIDGE FILE	
DESIGNATION 2200043	
SHEETS 36 of 70	
CONTRACT R-44648	

PAVEMENT MARKING SUMMARY TABLE

FROM STATION	TO STATION	LOCATION			LINE, MULTI-COMPONENT, SOLID, WHITE, 6 IN.	LINE, MULTI-COMPONENT, SOLID, WHITE, 8 IN.	LINE, MULTI-COMPONENT, SOLID, YELLOW, 6 IN.	LINE, MULTI-COMPONENT, DOTTED, WHITE, 12 IN.	TRANSVERSE MARKING, MULTI-COMPONENT, CROSSHATCH LINE, YELLOW, 24 IN.	TRANSVERSE MARKING, MULTI-COMPONENT, CROSSHATCH LINE, YELLOW, 12 IN.	TRANSVERSE MARKING, THERMOPLASTIC, YIELD LINE, WHITE, 36 IN.	SNOWPLOWABLE RAISED PAVEMENT MARKER, REMOVE	SNOWPLOWABLE RAISED PAVEMENT MARKER	GROOVING FOR PAVEMENT MARKINGS	RUMBLE STRIPES
		LEFT	MEDIAN	RIGHT											
Line "A"															
919+90	924+80		X			490							13	490	490
919+90	925+48		X			558								558	558
919+90	926+55	X		X	1330									1330	1330
919+90	936+10		X									21			
921+00	924+80		X					74							
921+00	925+48		X										12		
926+48	927+70			X								4			
927+31	927+93	X					65								
927+71	927+80			X		9	9							18	
927+73	927+90	X									20				
927+93	927+98	X				5	5							10	
927+97	928+02			X		5	5							10	
928+02	928+56			X			54								
928+03	928+17			X						17					
928+13	929+25	X										3			
928+15	928+24	X				9	9							18	
929+45	935+50	X		X	1210									1210	1210
930+52	933+40		X										8		
930+52	936+10		X				558							558	558
931+20	933+40		X					53						6	
931+20	936+10		X				490							490	490
933+40	936+10		X										14		
SUBTOTAL 1					2540	28	2124	119	127	0	37	28	53	4692	4636

Line "S-1-A"															
46+15	47+75		X				320							320	320
46+75	47+75		X							32					
46+15	48+31	X			216									216	216
46+15	48+34			X	219									219	219
49+33	49+82	X						49							
49+50	49+59			X		9	9							18	
49+67	49+81	X								17					
49+79	49+84			X		5	5							10	
49+82	49+87	X				5	5							10	
49+84	50+33			X				49							
49+86	50+00			X						17					
50+06	50+15	X				9	9							18	
51+17	52+25			X	158									158	158
51+24	52+75	X			151									151	151
52+30	52+75		X							13					
52+30	53+00		X				140							140	140
SUBTOTAL 2					744	28	488	98	0	45	34	0	0	1260	1204
SUBTOTAL 1					2540	28	2124	119	127	0	37	28	53	4692	4636
SUBTOTAL 2					744	28	488	98	0	45	34	0	0	1260	1204
OVERALL TOTALS					3284	56	2612	217	127	45	71	28	53	5952	5840
OVERALL TOTALS +5%					3450	60	2745	230	135	50	75			6255	6140

PAVEMENT QUANTITIES AND APPROACH TABLE																																																	
LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADII	DISTANCE BEYOND R/W LINE	SURFACE BEYOND R/W LINE						GRADE			EXCAVATION		D-1 COMPACTION JOINT	HMA FOR APPROACHES TYPE B		QC/QA - HMA MATERIALS								WIDENING WITH HMA, TYPE B	SUBGRADE TREATMENT		HMA MATERIAL FOR		COMPACTED AGGREGATE, NO. 53				COMPACTED AGGREGATE, NO. 73	PCCP FOR APPROACHES	DENSE GRADED SUBBASE	PCCP, COLORED	PCCP, COLORED	GEOTEXTILE FOR PAVEMENT, TYPE 2A	GEOGRID, TYPE 1B	REMARKS					
						DENSE GRADED SUBBASE	HMA FOR APPROACHES TYPE B		PCCP FOR APPROACHES	COMPACTED AGGREGATE, NO. 53	SUBGRADE TREATMENT									GEOGRID, TYPE 1B	LBS PER SYD	LBS PER SYD																							LBS PER SYD	TYPE			
																						DEPTH	LBS PER SYD	DEPTH	DEPTH	TYPE	165																					275	220
												6 IN.	165	275	9 IN.	6 IN.		II	1										2	3	CUT	FILL + 25%	165	275	220	220													
		FT	FT	FT	FT	FT	CYS	TONS	TONS	SYS	CYS	SYS	SYS	%	%	%	CYS	CYS	LFT	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	SY	SY	TONS	TONS	CYS	CYS	CYS	CYS	9 IN.	9 IN.	6 IN.	6 IN.		9 IN.				
Mainline																				956	1103					2709	343	141		11584		11	1054			115	212	1650			483	435	3577						
Line "A"																																																	
914+92.4	R. Cl. II Dr.	13	22.7	25, 15														4	7										51				9																
916+91.5	R. Cl. II Dr.	13	28.3	25, 15														6	9										67				11																
918+44.0	R. Cl. II Dr.	12	26.9	25, 15														5	7										57				9																
931+81.4	R. Cl. II Dr.	19	31.1	25, 15														8	12										92				15																
935+30.0	Cl. II Dr.	12	38.0	25, 15														6	10										76				12																
Line "S-1-A"																																																	
47+06.4	Mod. Cl. II Dr.	17	26.6	15, 15			2	3		4	24							5	8										61				14																
51+48.3	R. Cl. III Dr.	31	32.5	20, 15	14.9	10			57		60	56																	85							83	14						83						
51+80.0	Cl. III Dr.	40	22.9	20, 15	7.0	6			31		33	31																	89							85	14						84						
TOTALS						16	2	3	88	4	117	87						34	53		956	1103				2709	343	141	579	11584		11	1054	70	115	212	1650	168	28	483	435	3577	167						
																	NOT FOR CONSTRUCTION		RECOMMENDED FOR APPROVAL _____						INDIANA DEPARTMENT OF TRANSPORTATION		PAVEMENT QUANTITIES AND APPROACH TABLE				SCALE		BRIDGE FILE																
DESIGNED: JDD						DRAWN: GDH						DESIGNATION 2200043																																					
CHECKED: DGA						CHECKED: DGA						SHEETS 38 of 70																																					
												CONTRACT R-44648																																					

CDH -- 8/19/2025 1:46 PM -- U:\2023\202318 INDOT SR2 Roundabout\Cad\Plan Set\Civil\231800TB_UD.dwg (UNDERDRAIN TABLE)

UNDERDRAIN TABLE																											
UNDERDRAIN PIPE											OUTLET PIPE								OUTLET PROTECTORS						REMARKS		
UNDERDRAIN PIPE LIMITS	TYPE 4 PIPE		GEOTEXTILE FOR UNDERDRAINS	AGGREGATE FOR UNDERDRAINS	HMA FOR UNDERDRAINS	SPECIAL GRADES	FLOW LINE ELEV. @ UNDERDRAIN PIPE LIMIT	OUTLET PIPE REQUIRED	CONNECT UNDERDRAIN PIPE TO STR. NO.	STRUCTURE INVERT ELEVATION	45 DEGREE ELBOWS REQUIRED (1 OR 2)	6 IN. OUTLET PIPE	OUTLET STATION	OUTLET ELEVATION	OUTLET AT OUTLET PROTECTOR NO.	DITCH FLOW LINE ELEVATION AT OUTLET PROTECTOR	CONNECT OUTLET PIPE TO STRUCTURE NO.	STRUCTURE INVERT ELEVATION	STRUCTURE BACKFILL	PCCP FOR STRUCTURE INSTALLATION	OUTLET PROTECTOR NUMBER	OUTLET PROTECTOR TYPE	LOCATION				
	4 IN.	6 IN.																					OUTSIDE LEFT	MEDIAN LEFT		OUTSIDE RIGHT	MEDIAN RIGHT
	(FT)	(FT)						(SYS)				(CYS)											(TONS)	(%)		(Y/N)	(FT)
Line 'C-NW'																											
926+55 Lt.		132.0	90.4	11.4			828.73	Y			2	20	926+55 Lt.	828.67	1	827.11					1	1	X				Outlet Next to the Culvert
927+87 Lt.							828.75	N	19	828.38																	
927+87 Lt.		61.0	41.8	5.3		0.20%	828.88	N	19	828.38																	
928+48 Lt.							829.00																				
Line 'C-NE'																											
927+44 Lt.		201.0	137.8	17.4		0.32%	828.17																				
929+45 Lt.							827.54	Y			2	20	929+45 Lt.	827.48	2	826.64				2	1	X					Outlet Next to the Culvert
Line 'C-SW'																											
926+56 Rt.		164.0	112.5	14.2		0.51%	828.42																				
928+20 Rt.							827.58	Y			2	28	928+20 Rt.	827.50	3	825.54				3	1			X			Outlet Next to the Culvert
928+32 Rt.		39.0	26.8	3.4		0.20%	827.39	Y			2	28	928+32 Rt.	827.31	4	825.61				4	1			X			Outlet Next to the Culvert
928+71 Rt.							827.47																				
Line 'C-SE'																											
927+33 Rt.		35.0	24.0	3.0		0.20%	827.69																				
927+68 Rt.							827.62	Y			2	24	927+68 Rt.	827.55	5	825.71				5	1			X			Outlet Next to the Culvert
927+81 Rt.		166.0	113.7	14.3		0.20%	827.79	Y			2	20	927+81 Rt.	827.73	6	825.88				6	1			X			Outlet Next to the Culvert
929+47 Rt.							828.12																				
TOTALS		798	547	69								140										6					

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER _____ DATE _____

DESIGNED: JDD _____ DRAWN: GDH _____
CHECKED: DGA _____ CHECKED: DGA _____

INDIANA
DEPARTMENT OF TRANSPORTATION

UNDERDRAIN TABLE

SCALE _____

BRIDGE FILE _____

DESIGNATION
2200043

SHEETS
39 of 70
CONTRACT
R-44648

FTP -- 8/19/2025 1:46 PM -- U:\2023\202318 INDOT SR2 Roundabout\Cad\Plan Set\Civil\231800TB_SD.dwg (STR. DATA TABLE)

STRUCTURE DATA TABLE																																						
STRUCTURE NUMBER	LOCATION				SIZE	DESCRIPTION		LENGTH	VIDEO INSPECTION LENGTH	SKEW	FLOW LINE			SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL	TYPE	FLOWABLE BACKFILL	TYPE	GEOTEXTILES	REVETMENT RIPRAP	SCOUR PROTECTION			HMA FOR STRUCTURE INSTALLATION, TYPE C	VIDEO INSPECTION	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR.	REMARKS	
	STATION	LEFT	RIGHT	CROSS		OFFSET	PIPE TYPE				MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	COVER	UP STREAM											DOWN STREAM	JUMP DEPTH	GEOTEXTILE, TYPE 1A				RIPRAP								
																		FT		IN.			LFT							ELEV.	ELEV.	YRS	CYS	CYS	SYS			TON
	Line "A"																																					
20	911+64.3		X		44.1	15	Inlet Type F-7	11			1.9	816.16	816.10	75		7		1.5	1							16	Rvtmnt.	11			1							
						12	Culvert	6			0.8	816.20	816.16	75		7		0.8	1										1								With Debris Guard	
11	914+69.4		X		38.2	15	Drive Culvert	33			2.1	819.25	818.93	75		7		4.4	1										2									
12	916+83.5		X		33.9	15	Drive Culvert	32			2.5	823.02	822.92	75		7		4.2	1										2									
13	918+43.4		X		36.1	15	Drive Culvert	27			2.5	823.50	823.42	75		7		3.6	1										2									
21	922+86.7		X		53.0	15	Inlet Type F-7	37			1.9	824.86	824.66	75		7		5.3	1							19	Rvtmnt.	12			1							
						6	Culvert	25			0.5	824.86	824.86	75		7		3.0	1										1								With Debris Guard	
15	926+50			X		18	Culvert	99			2.6	827.04	826.78	75		7		13.3	1										2									
16	929+60			X		24	Culvert	86			2.6	826.46	826.19	75		7		14.8	1										2									
18	935+30		X		34.1	15	Drive Culvert	23			1.2	828.63	828.56	75		7		3.1	1										2									
	Line "S-1-A"																																					
17	48+75			X		24	Culvert	118			1.4	825.71	825.50	75		7		20.2	1										2									
19	50+66	X			16.8	12	Inlet Type B-15	55			1.8	828.38	828.13	75		7		6.6	1																			
							TOTALS											81								35		23			18							

INDIANA
DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

SCALE

BRIDGE FILE

DESIGNATION
2200043

SHEETS
40 of 70
CONTRACT
R-44648

NOT FOR
CONSTRUCTION

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: JDD

DRAWN: GDH

CHECKED: DGA

CHECKED: DGA

RIGHT-OF-WAY & MONUMENT SUMMARY TABLE								
LOCATION	LINE	DISTANCE	RIGHT OF WAY MARKER	TYPE 'A' MONUMENT	TYPE 'B' MONUMENT	TYPE 'C' MONUMENT	TYPE 'D' MONUMENT	SECTION CORNER MONUMENT, RESET EA
		FT	EA	EA	EA	EA	EA	EA
913+85	"A"	50' Rt.	1					
918+80	"A"	50' Rt.	1					
920+50	"D-W"				1			
922+25	"A"	80' Rt.	1					
925+20.96	"A"	50' Lt.	1					
925+85	"A"	50' Lt.	1					
928+65	"A"	130' Rt.	1					
928+85	"A"	50' Lt.	1					
930+15.31	"A"	50' Lt.	1					
931+34.12	"A"	60' Rt.	1					
933+36.06	"A"	60' Rt.	1					
933+36.09	"A"	50' Rt.	1					
934+00	"A"				1			
935+50	"E-E"				1			
935+60	"A"	50' Rt.	1					
935+60	"A"	15' Rt.	1					
46+60	"S-1-A"	20' Rt.	1					
46+75	"S-1-A"	20' Lt.	1					
46+75	"S-1-A"	25' Lt.	1					
46+75	"S-1-A"				1			
47+15	"S-1-A"	33.99' Rt.	1					
47+25	"S-1-A"	25' Lt.	1					
50+00	"S-1-A"	0.0'						1
50+82	"S-1-A"	30' Lt.	1					
51+80	"S-1-A"	25' Rt.	1					
52+75	"S-1-A"				1			
52+80	"S-1-A"	20' Lt.	1					
52+80	"S-1-A"	11' Lt.	1					
54+38.3	"S-1-A"	25' Rt.	1					
TOTAL:			23		5			1

NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	
DESIGN ENGINEER _____	DATE _____
DESIGNED: JDD _____	DRAWN: PJV _____
CHECKED: DGA _____	CHECKED: DGA _____

INDIANA DEPARTMENT OF TRANSPORTATION	
	R/W & MONUMENT SUMMARY TABLE

SCALE _____	BRIDGE FILE _____
	DESIGNATION 2200043
	SHEETS 41 of 70
	CONTRACT R-44648

GDH -- 8/19/2025 1:47 PM -- U:\2023\202318 INDOT SR2 Roundabout\Cad\Plan Set\Civil\231800TB_SN.dwg (SHEET SIGN SUMMARY TABLE)

SHEET SIGN & POST SUMMARY TABLE

SIGN										POST							
PLAN SHEET NO / LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (IN x IN)	GROUND - MOUNTED SIGN AREA (FT²)			GROUND - MOUNTED DOUBLE-FACED SIGN AREA (FT²)			SQUARE							
				2 ½" x 2 ½" - 12 GA. (TYPE 3)			2" x 2" - 12 GA. (TYPE 2)			2 ¼" x 2 ¼" - 12 GA. (TYPE 1)							
				UNREINFORCED ANCHOR			UNREINFORCED ANCHOR			UNREINFORCED ANCHOR							
				POST LENGTH (FT)			POST LENGTH (FT)			POST LENGTH (FT)							
0.080"	0.100"	.125"	0.080"	0.100"	.125"	1	2	TOTAL	1	2	TOTAL	1	TOTAL				
Line "A"																	
	911+80 Rt.	W14-3	48 x 48 x 36		6.00							10.50	10.50	21.0			
	923+00 Rt.	D1-1a	48 x 18		6.00										9.0	9.0	
	924+80 Rt.	W2-6 W13-1P	30 x 30 18 x 18	6.25 2.25											11.5	11.5	
	925+80 Lt.	R8-3a	24 x 24	4.00											10.0	10.0	
	927+15 Rt.	R1-2	36 x 36 x 36		4.00										10.5	10.5	
	927+29 Lt.	M3-4 M1-4 M6-2R	24 x 12 30 x 24 21 x 15	2.00 5.00 2.50											14.0	14.0	
	927+72 Rt.	R6-4b R6-1R	30 x 24 36 x 12	5.00		3.00									12.5	12.5	
	928+28 Lt.	R6-4b R6-1R	30 x 24 36 x 12	5.00		3.00									12.5	12.5	
	928+75 Rt.	M3-2 M1-4 M6-2R	24 x 12 30 x 24 21 x 15	2.00 5.00 2.50											14.0	14.0	
	928+85 Lt.	R1-2	36 x 36 x 36		4.00										10.5	10.5	
	931+20 Lt.	W2-6 W13-1P	30 x 30 18 x 18	6.25 2.25											11.5	11.5	
	934+00 Lt.	D1-1b	48 X 18		6.00										9.0	9.0	
SUBTOTAL 1				50	32									21		125	

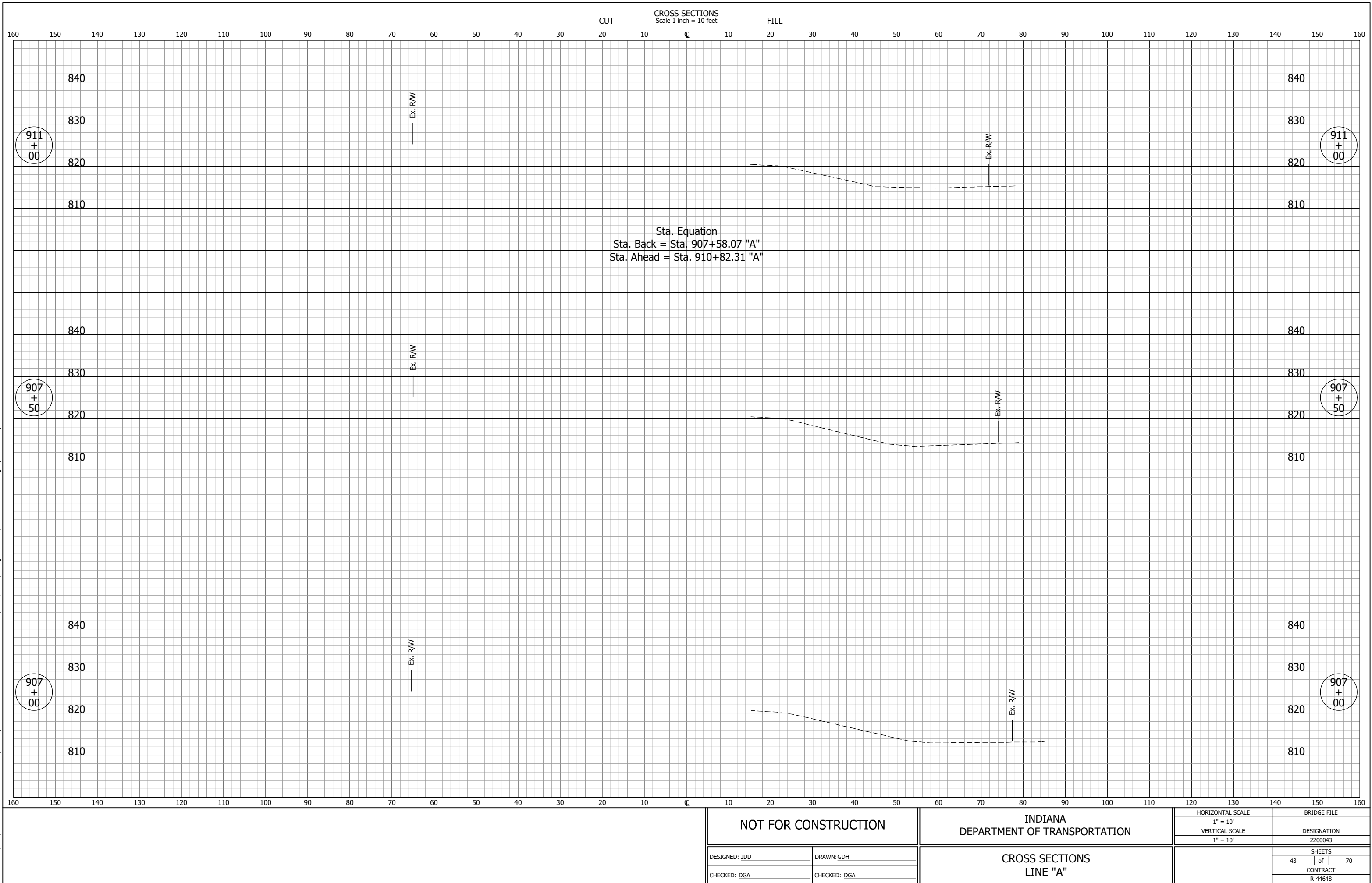
SIGN										POST							
PLAN SHEET NO / LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (IN x IN)	GROUND - MOUNTED SIGN AREA (FT²)			GROUND - MOUNTED DOUBLE-FACED SIGN AREA (FT²)			SQUARE							
				0.080"	0.100"	.125"	0.080"	0.100"	.125"	2 ½" x 2 ½" - 12 GA. (TYPE 3)			2" x 2" - 12 GA. (TYPE 2)			2 ¼" x 2 ¼" - 12 GA. (TYPE 1)	
										UNREINFORCED ANCHOR			UNREINFORCED ANCHOR			UNREINFORCED ANCHOR	
										POST LENGTH (FT)			POST LENGTH (FT)			POST LENGTH (FT)	
1	2	TOTAL	1	2	TOTAL	1	TOTAL										
Line "S-1-A"																	
	47+75 Lt.	R2-1	24 x 30	5.00												10.0	10.0
	47+75 Rt.	W2-6 W13-1P	30 x 30 18 x 18	6.25 2.25												11.5	11.5
	48+99 Rt.	R1-2	36 x 36 x 36		4.00											10.5	10.5
	49+06 Lt.	D1-1d	54 x 18		7.00								9.5	9.5	19.0		
	49+51 Rt.	R6-4b R6-1R	30 x 24 36 x 12	5.00		3.00										12.5	12.5
	50+10 Rt.	R6-4b R6-1R	30 x 24 36 x 12	5.00		3.00										12.5	12.5
	50+56 Rt.	D1-1d	54 x 18		7.00								9.5	9.5	19.0		
	50+65 Lt.	R1-2	36 x 36 x 36		4.00											10.5	10.5
	51+15 Rt.	R5-2	36 x 36		9.00											10.5	10.5
	52+30 Lt.	W2-6 W13-1P	30 x 30 18 x 18	6.25 2.25												11.5	11.5
	52+50 Lt.	R7-1L	12 x 18	1.50												9.5	9.5
SUBTOTAL 2				34	37										38		99
SUBTOTAL 1				50	32										21		125
SUBTOTAL 2				34	37										38		99
OVERALL TOTALS				84	69										59		224

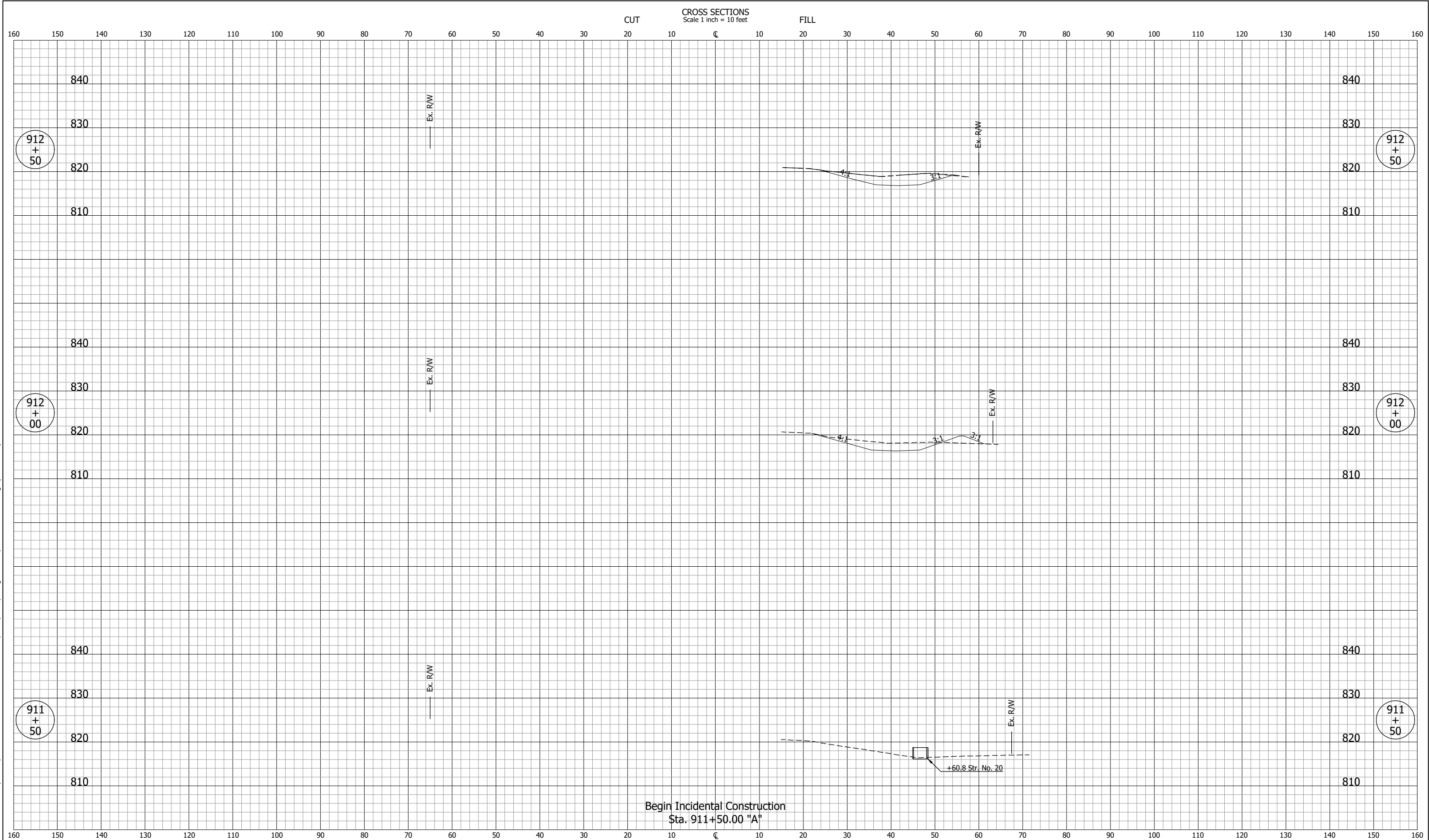
NOTE:
] Indicates Signs to be Mounted on Common Post(s)

NOT FOR
CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE		BRIDGE FILE	
DESIGNED: JDD		DRAWN: GDH				DESIGNATION 2200043	
CHECKED: DGA		CHECKED: DGA				SHEETS 42 of 70	
						CONTRACT R-44648	

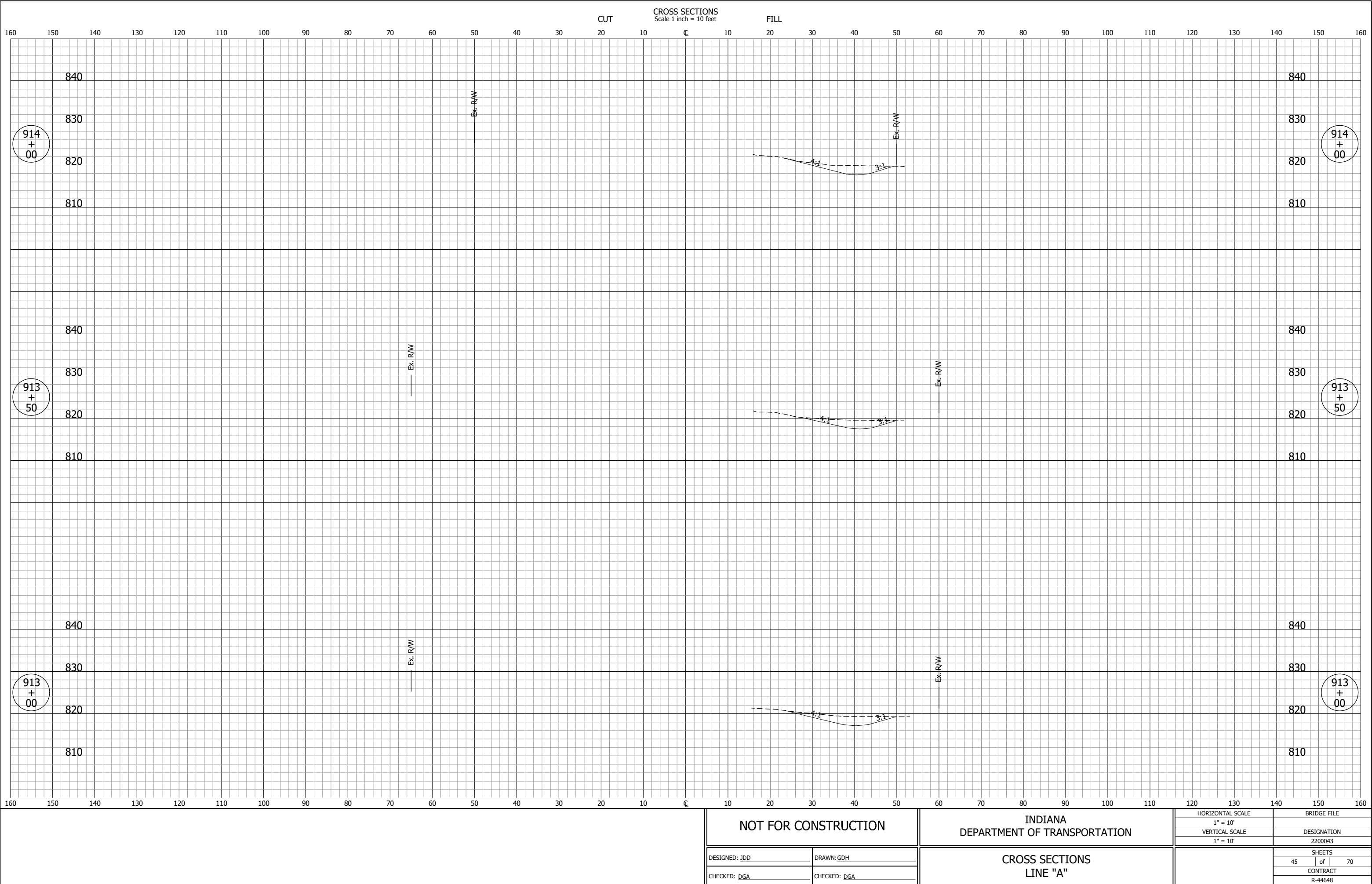
SHEET SIGN & POST SUMMARY TABLE

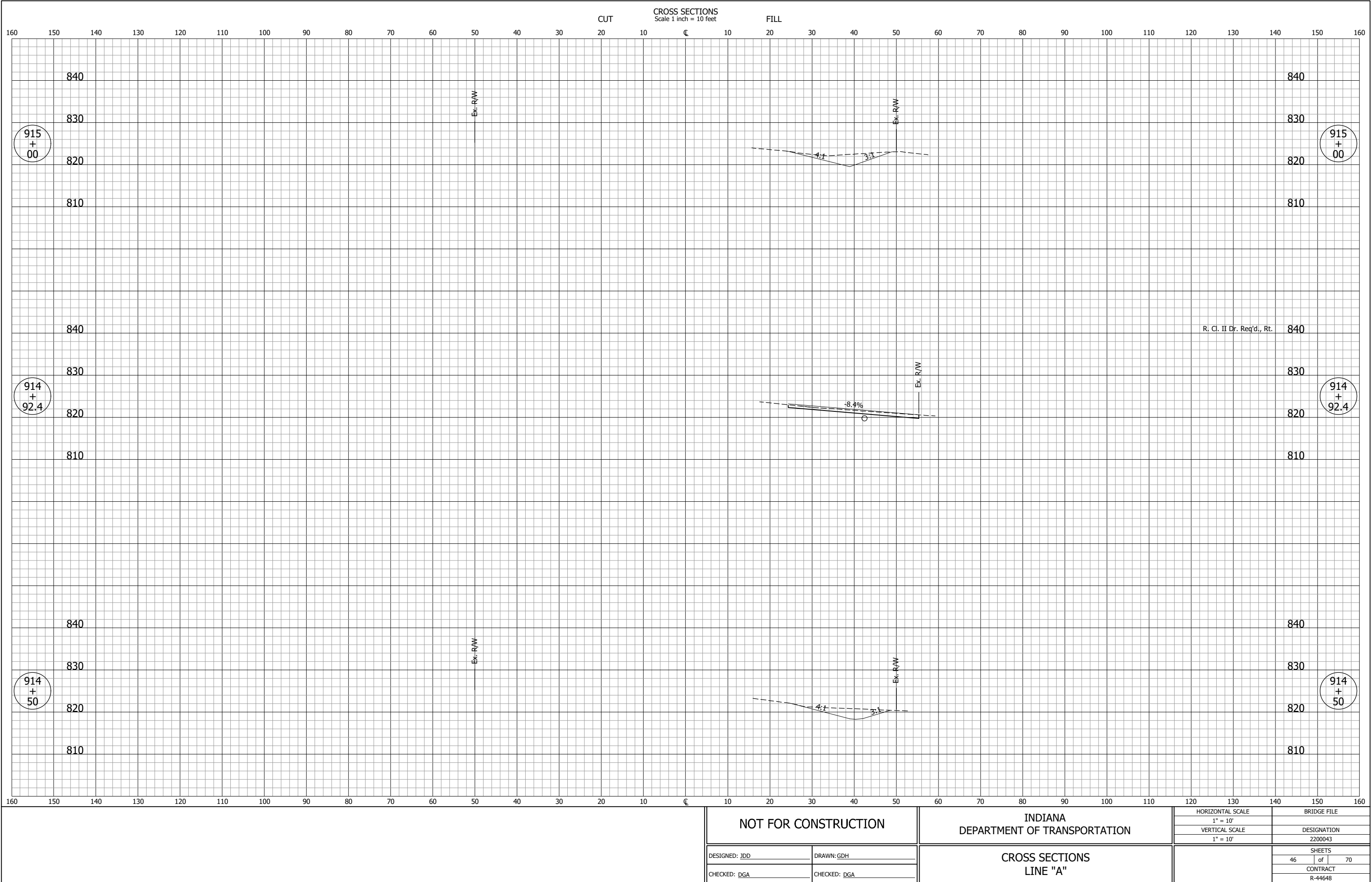


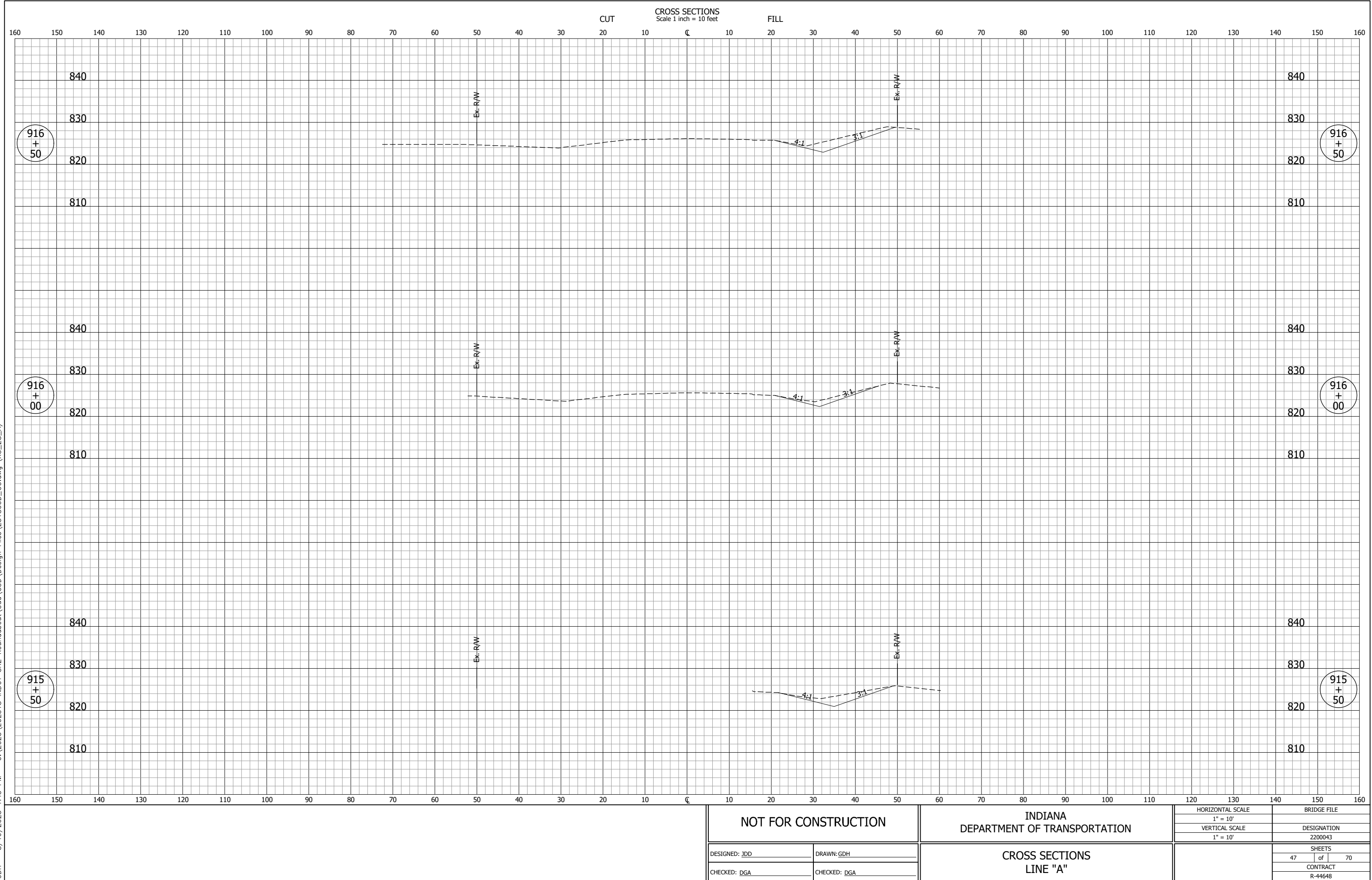


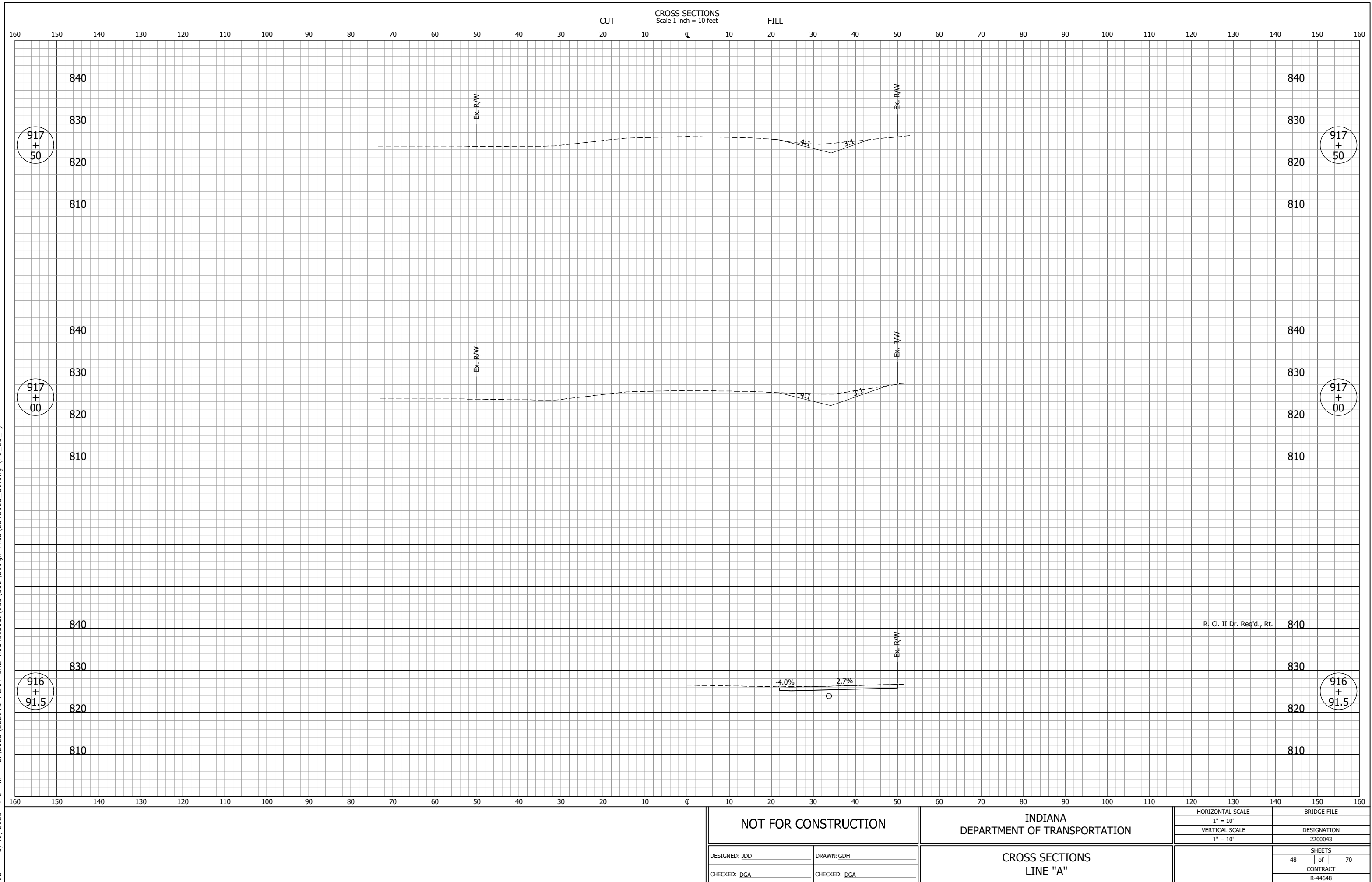
NOT FOR CONSTRUCTION		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE		
				1" = 10'				
				VERTICAL SCALE		DESIGNATION		
				1" = 10'		2200043		
DESIGNED: JDD	DRAWN: GDH	CROSS SECTIONS LINE "A"				SHEETS		
						44	of	70
CHECKED: DGA	CHECKED: DGA					CONTRACT		
						R-44648		

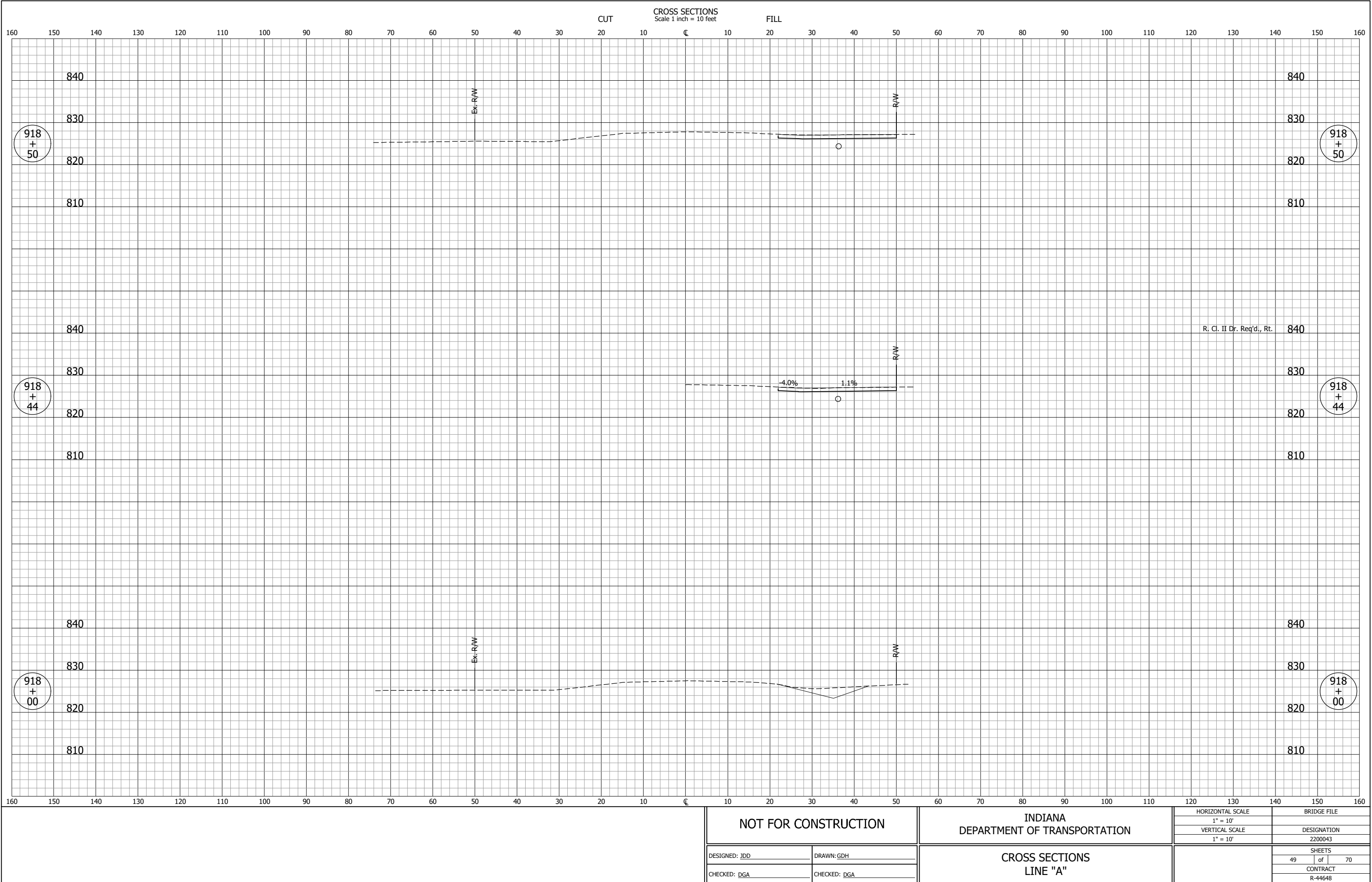
GDH - 8/19/2025 1:44 PM - U:\2023\202318 INDOT SR2 Roundabout\Cad\C3D\Design Files\231B00D_CO.dwg (XS_26_A)



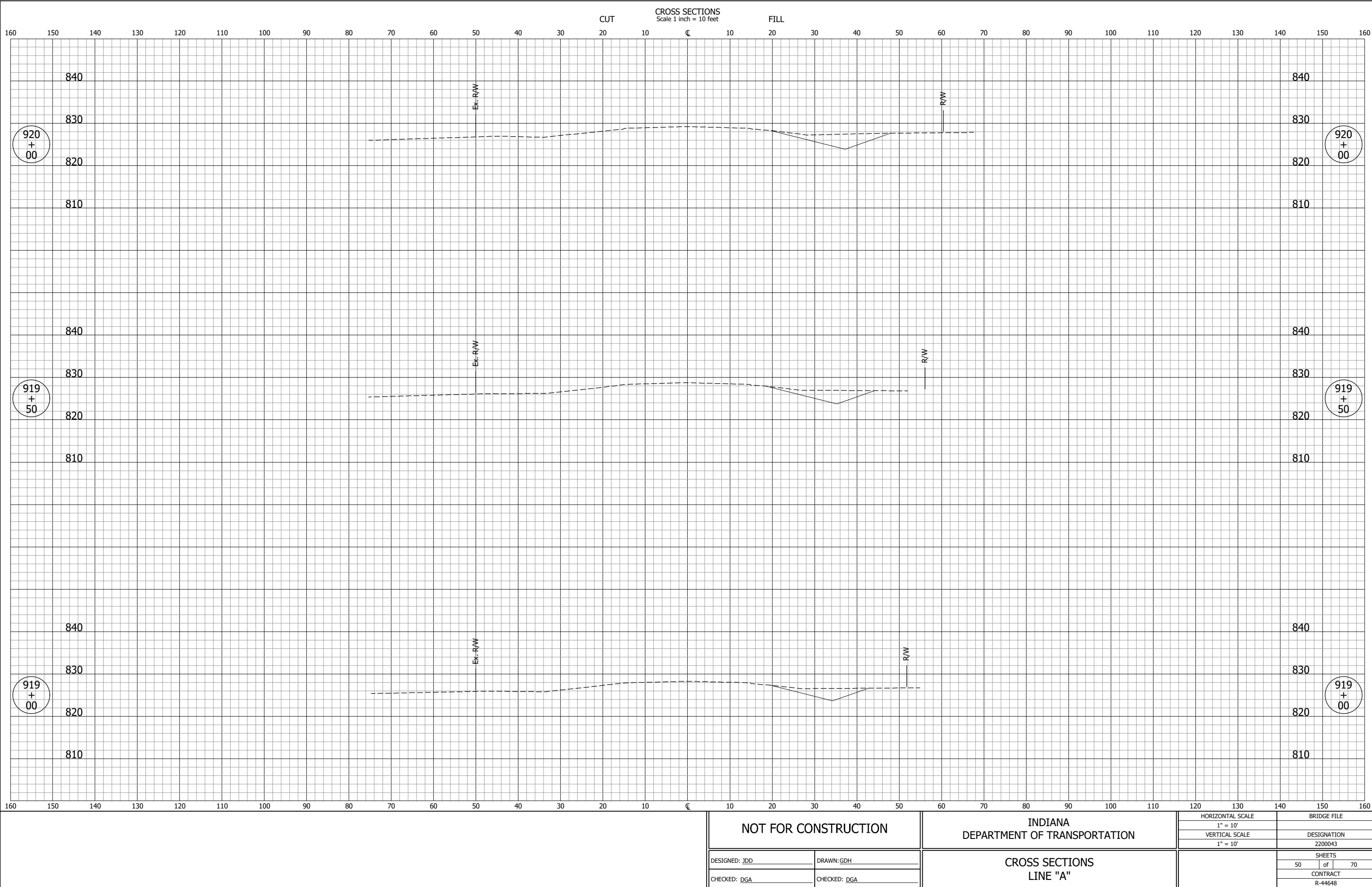




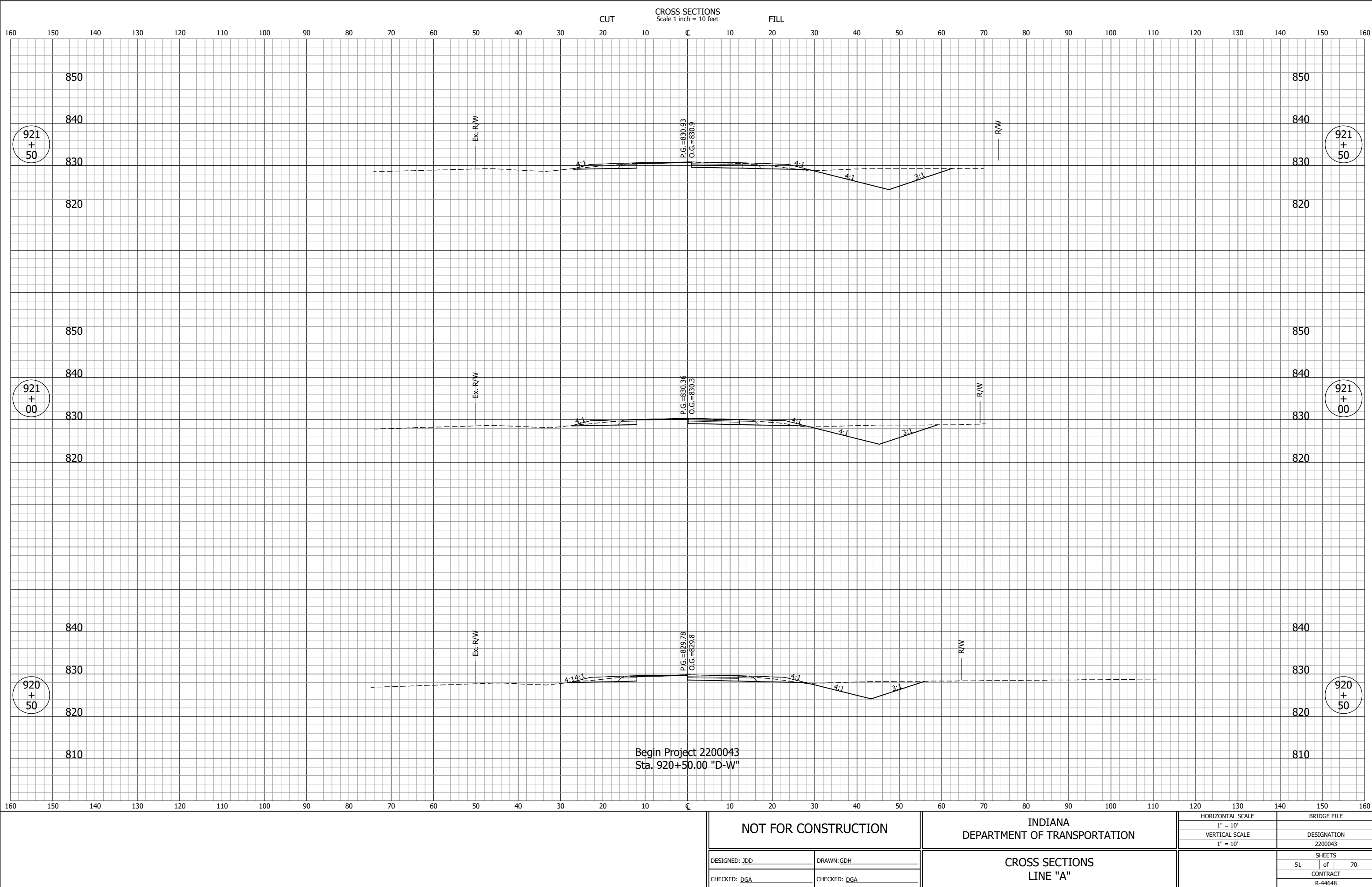


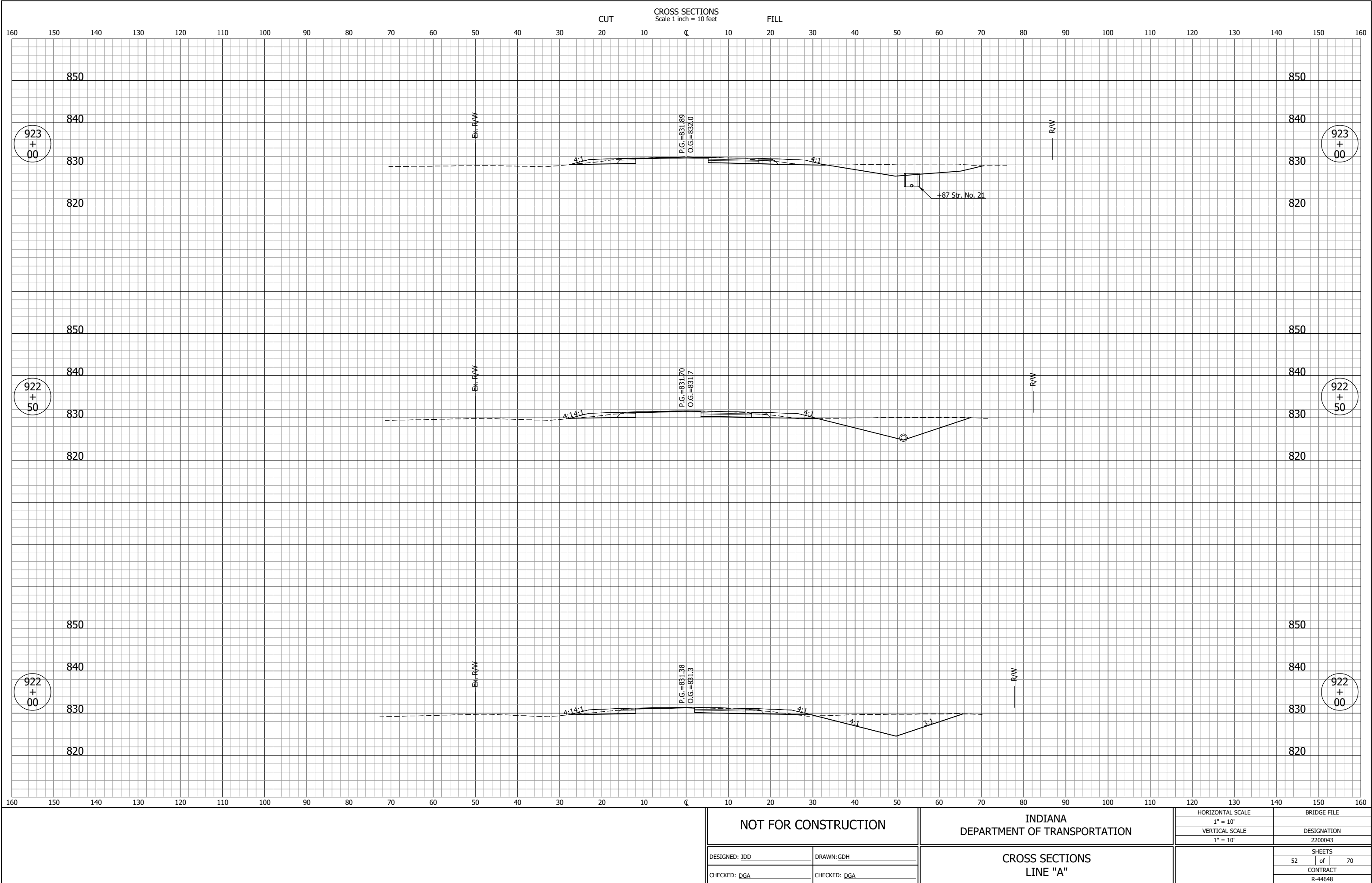


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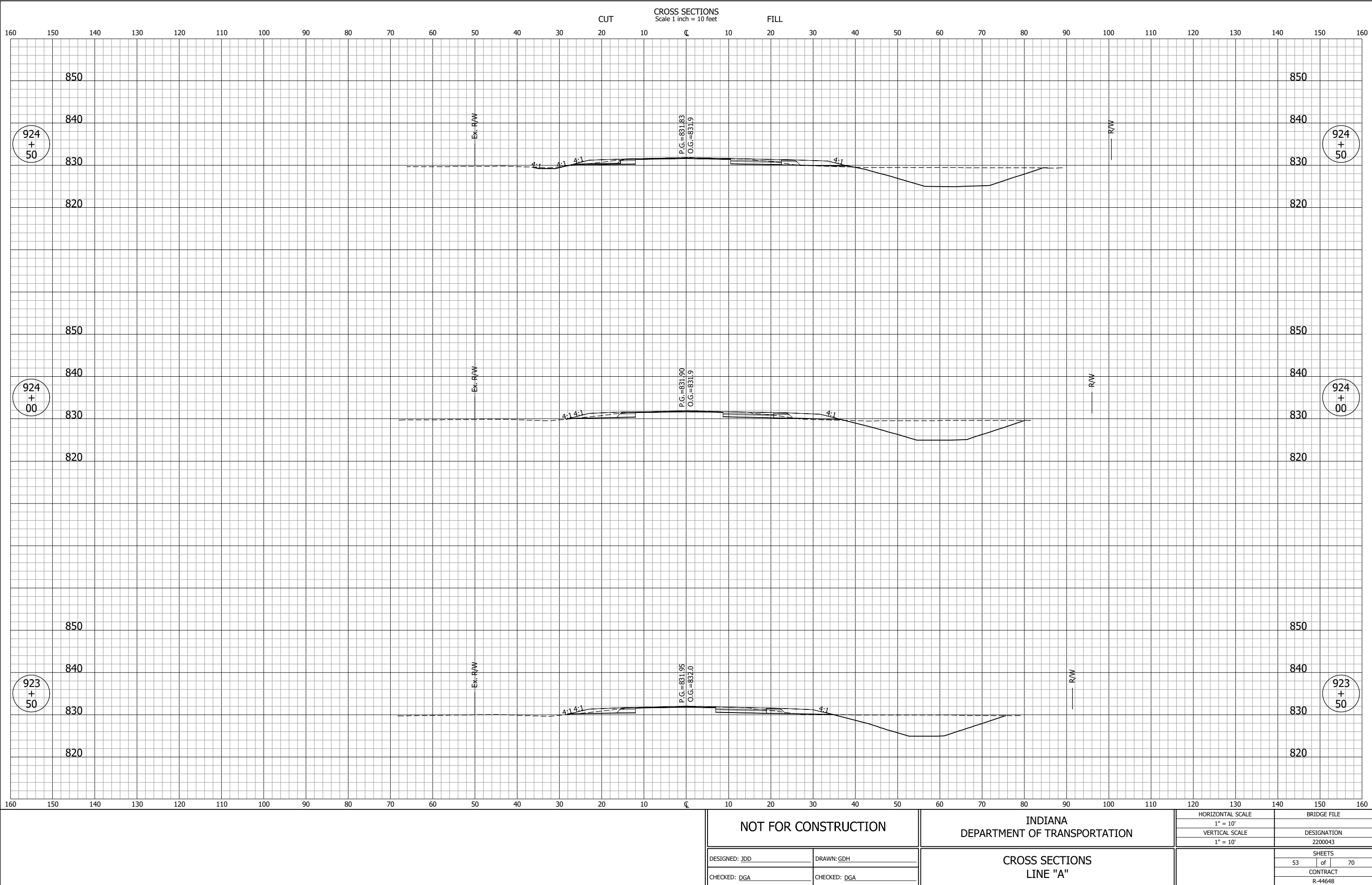


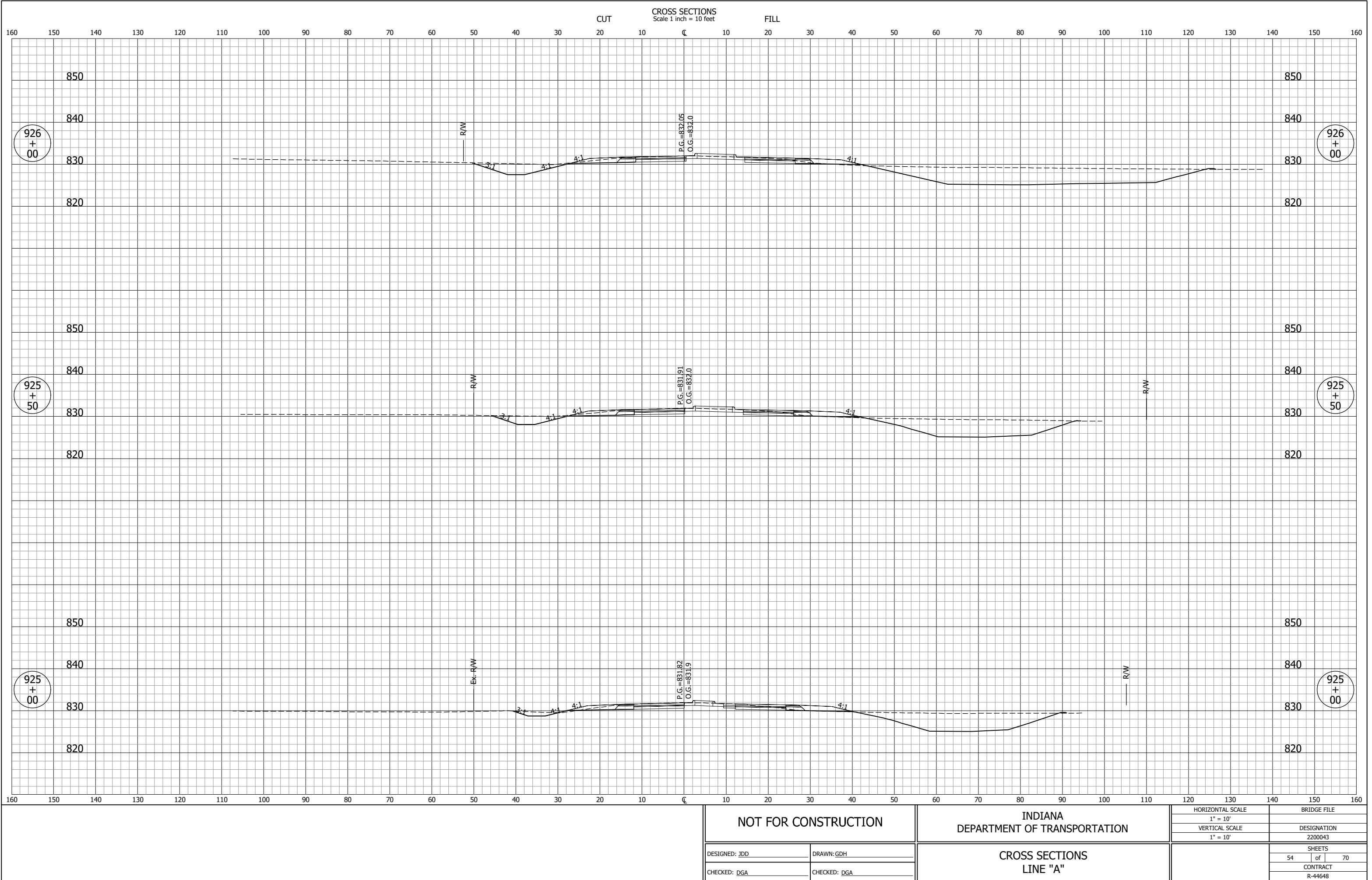
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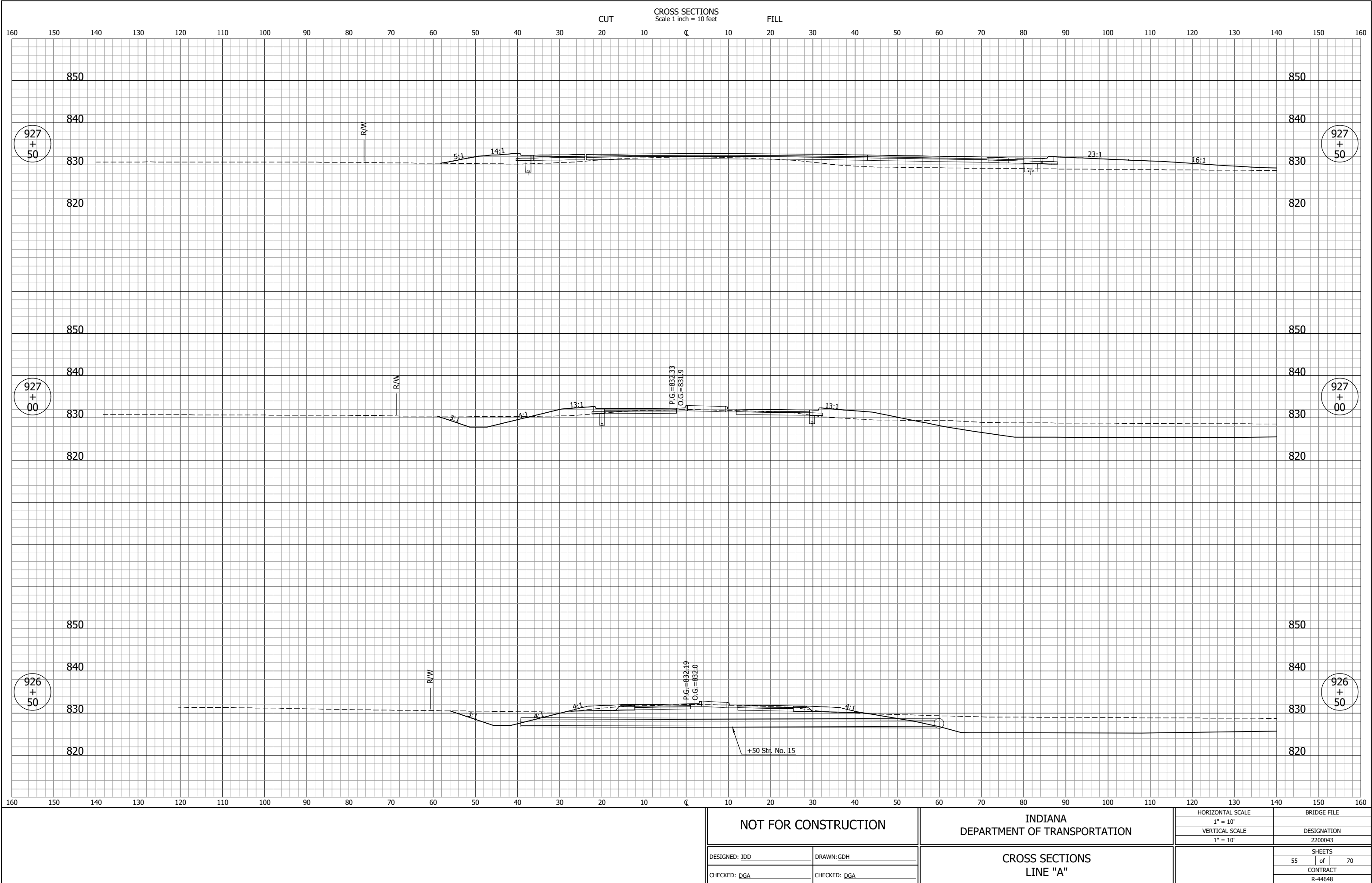


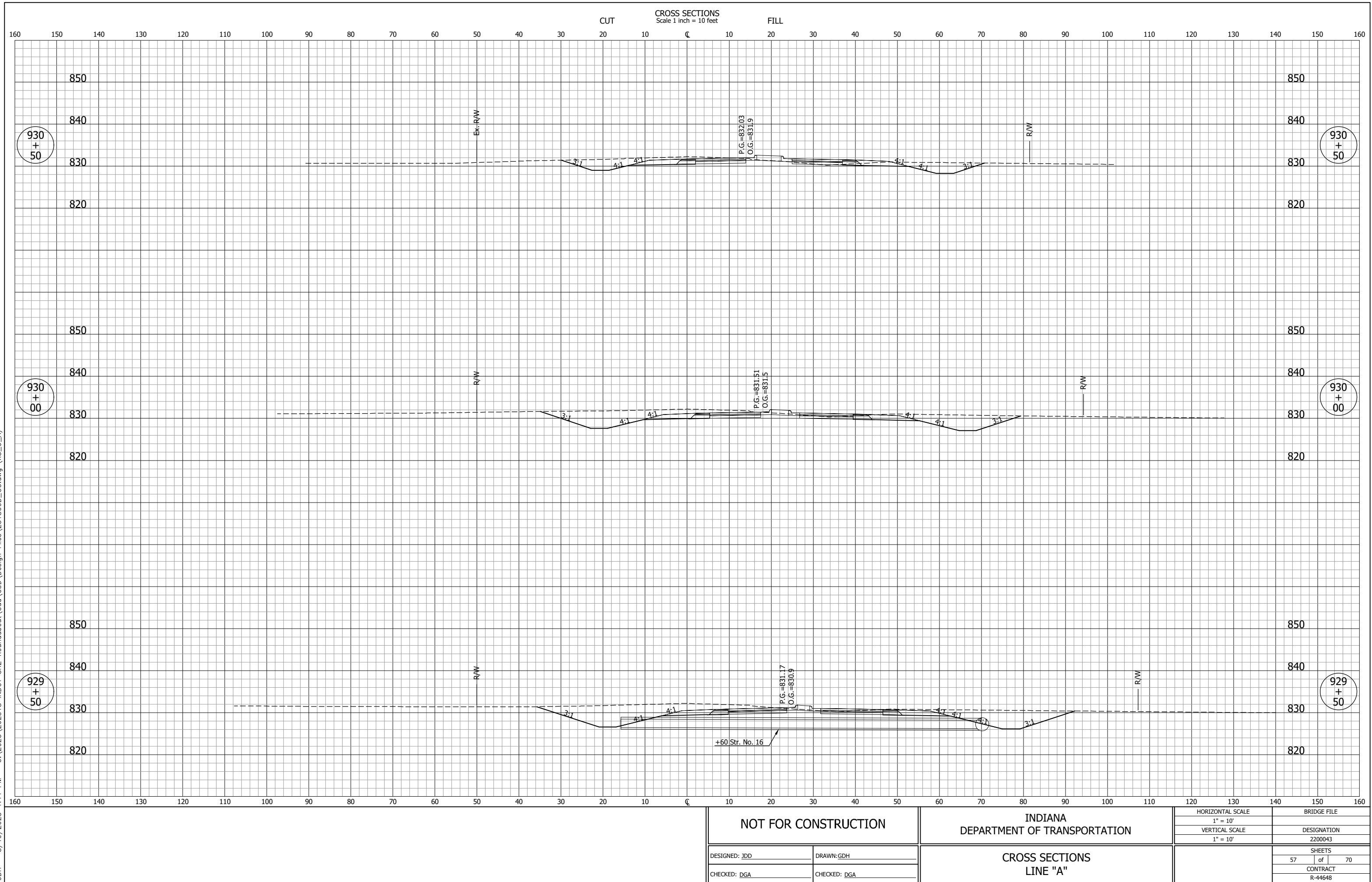


GDH - 8/19/2025 1:46 PM - U:\2023\202318 INDOT SR2 Roundabout\Cad\C3D\Design Files\231B00D_CO.dwg (XS_5_A)

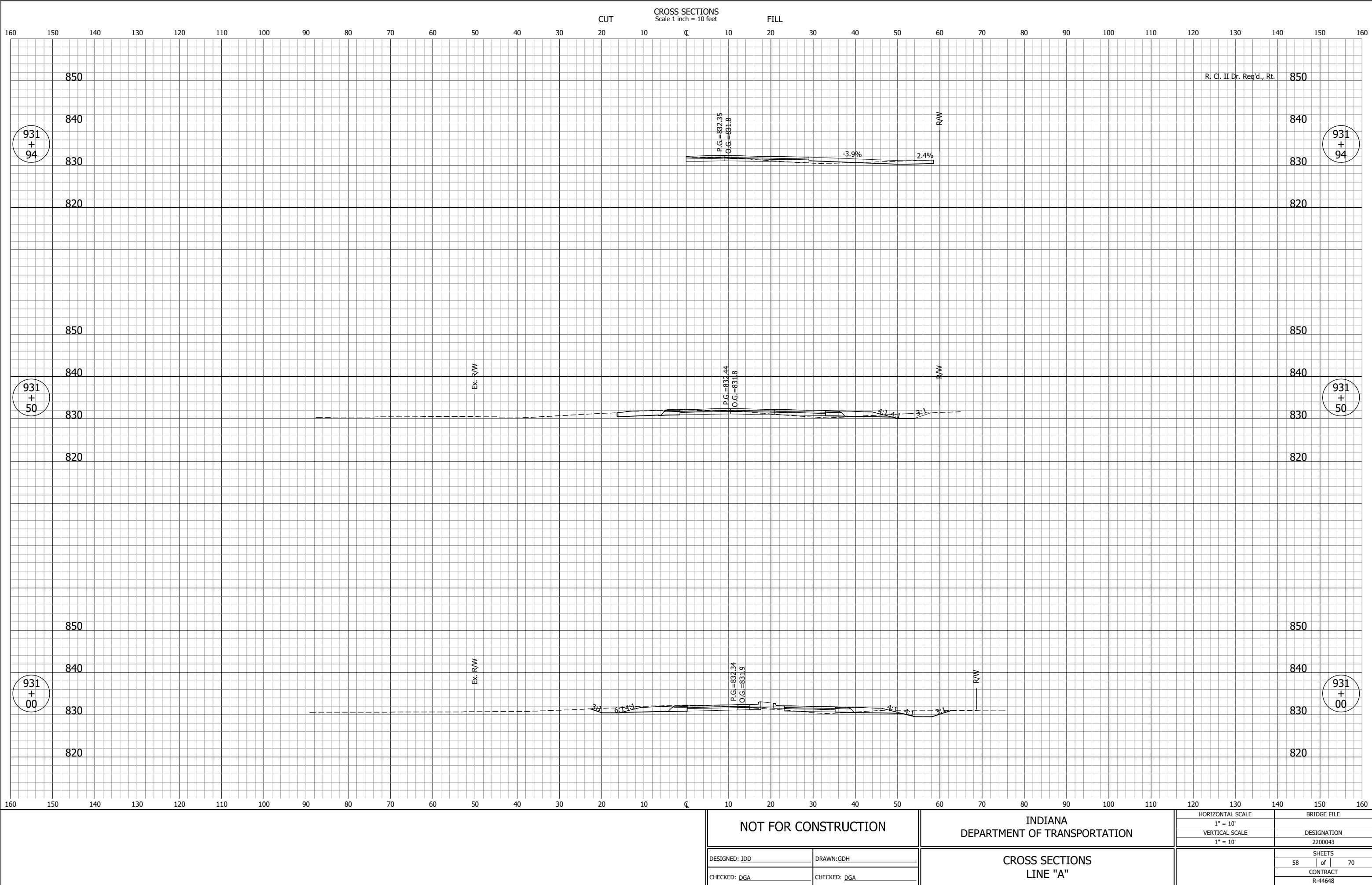




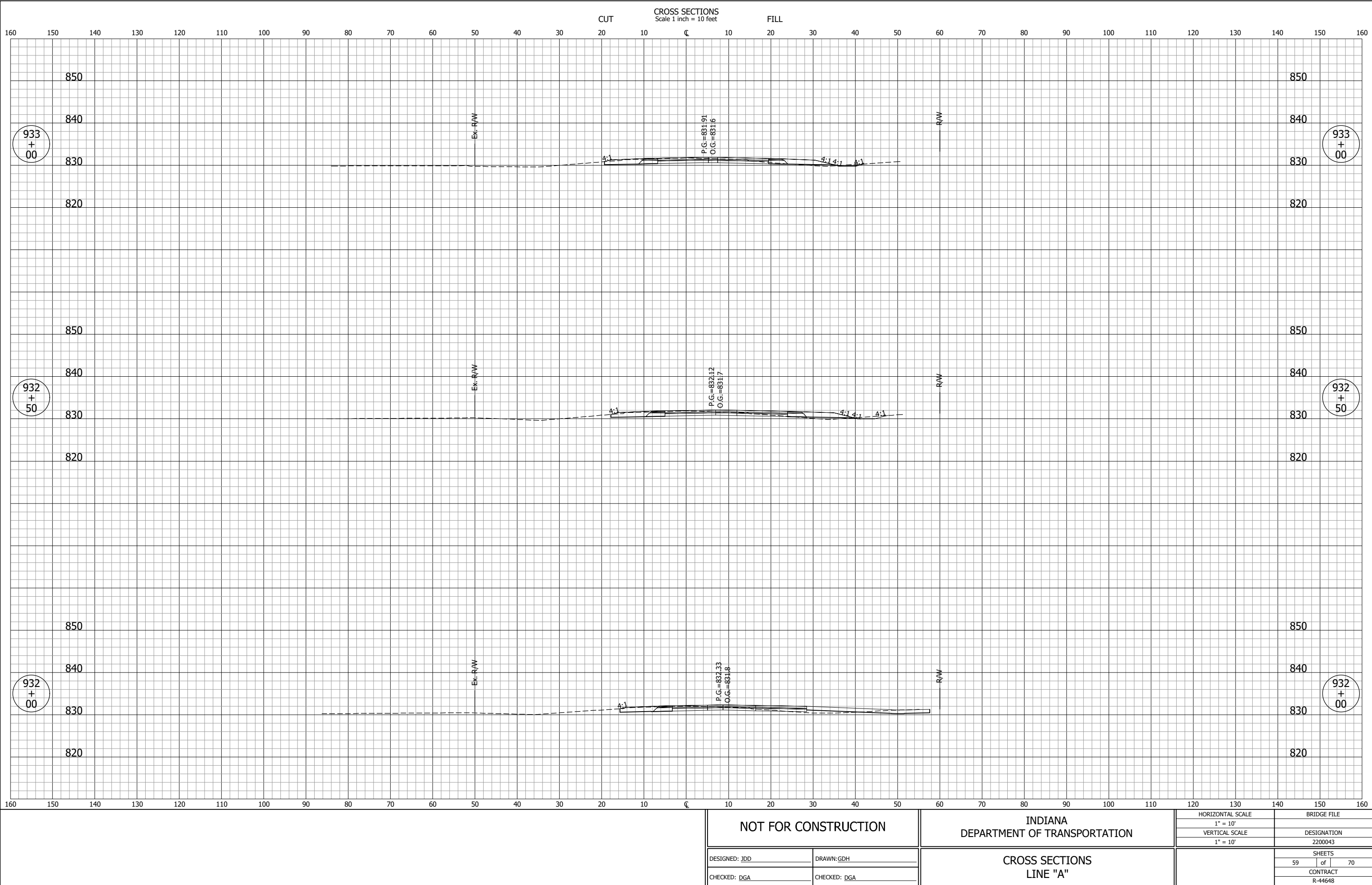




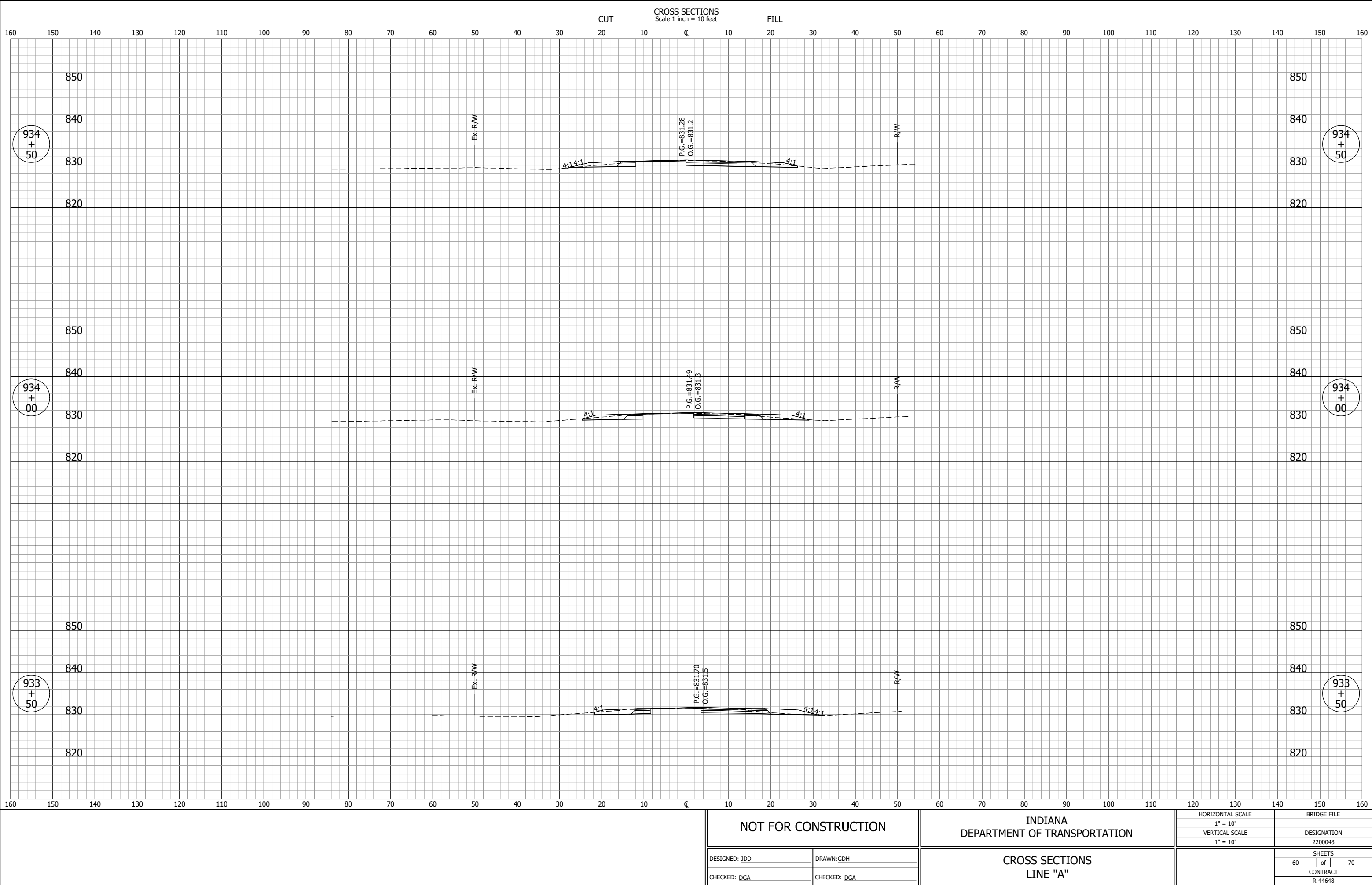
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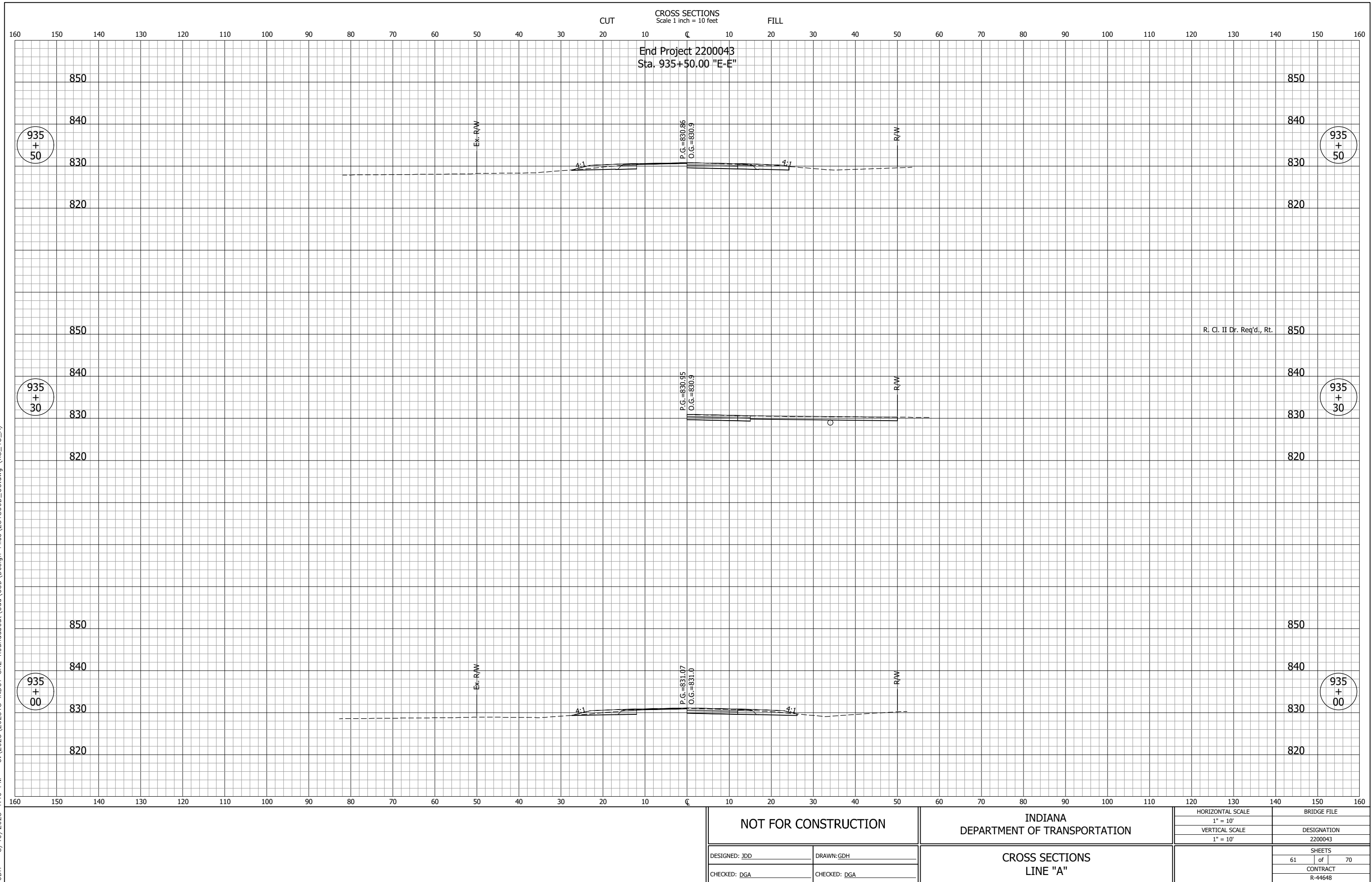


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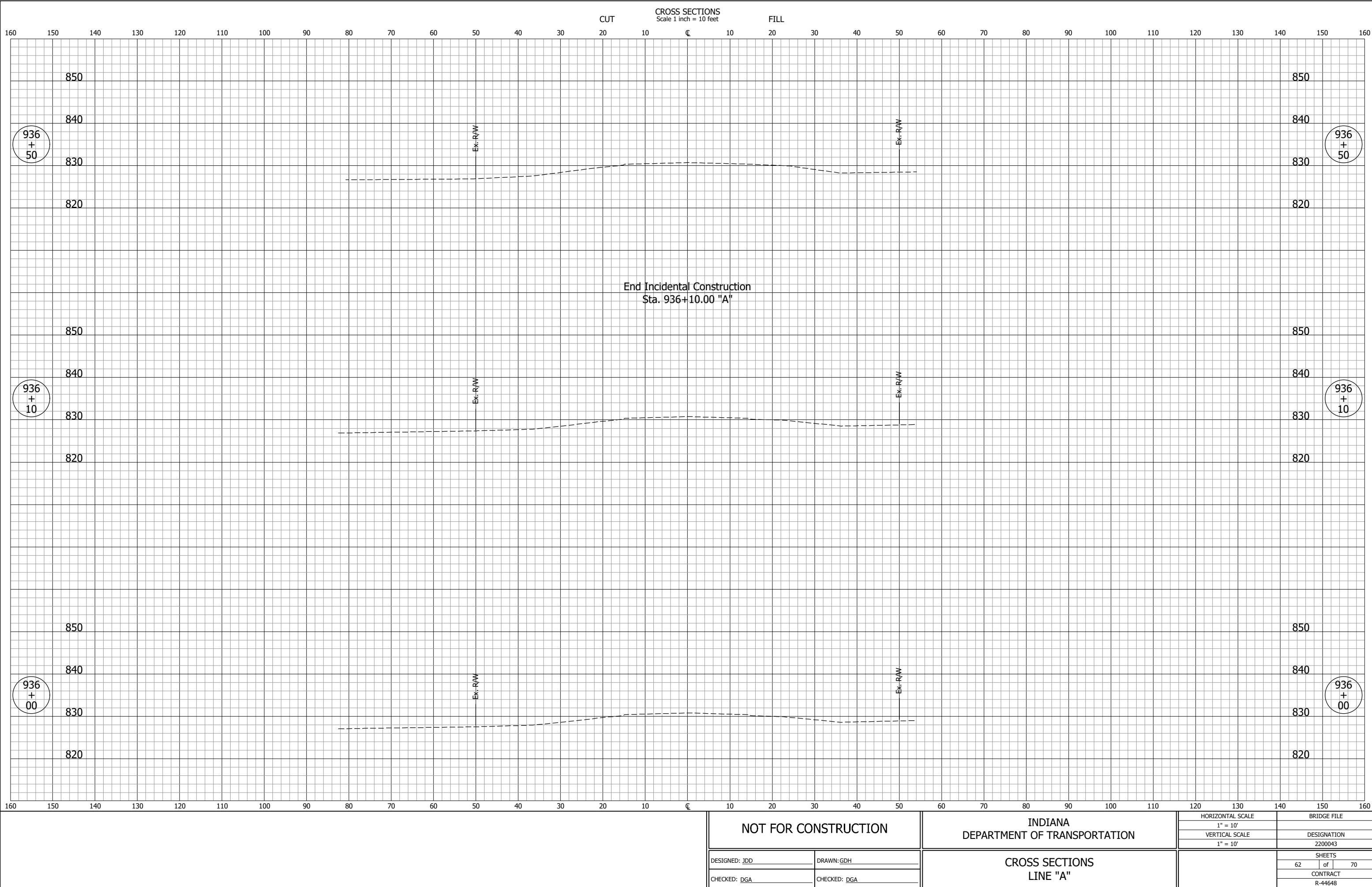


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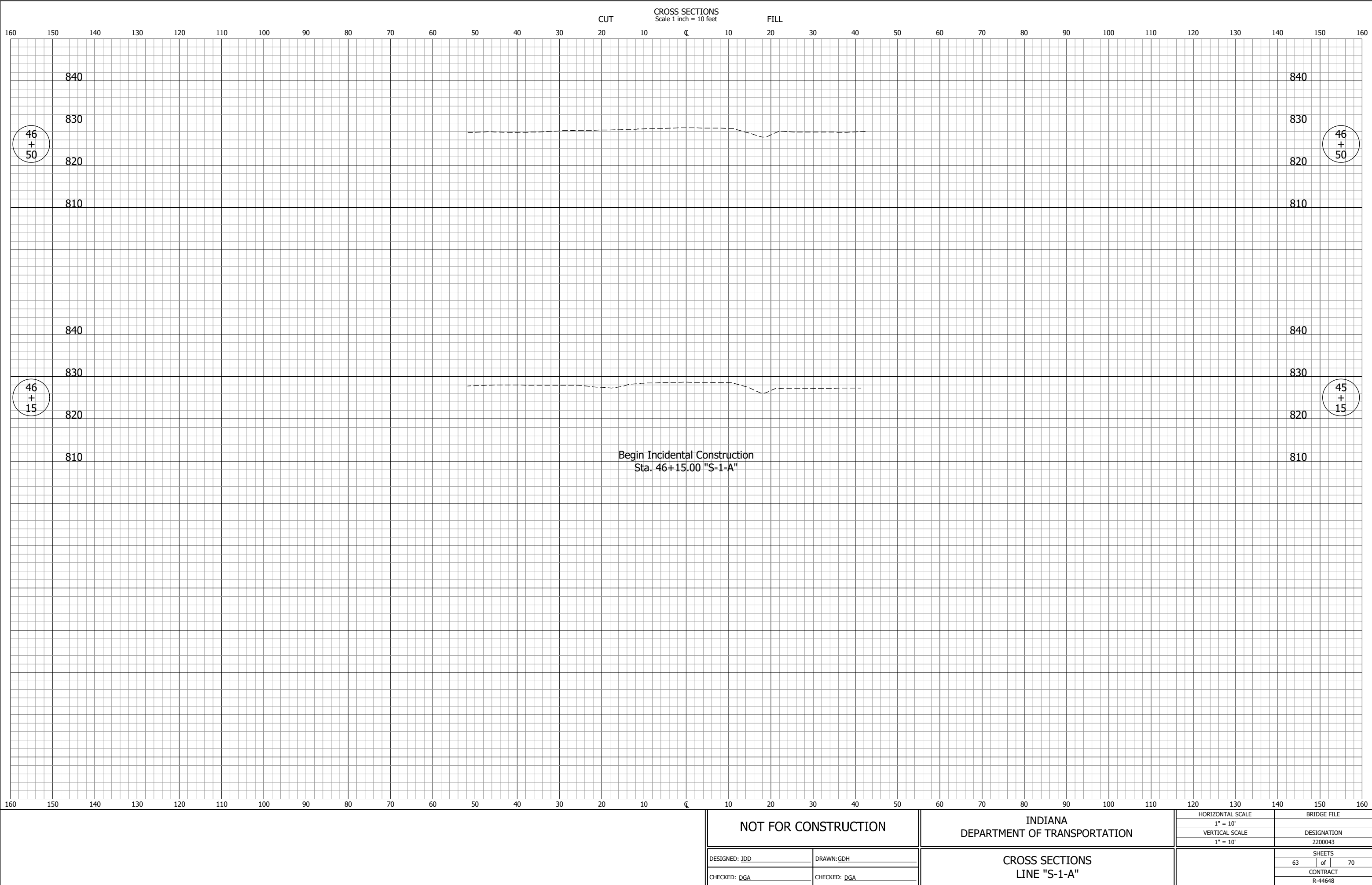




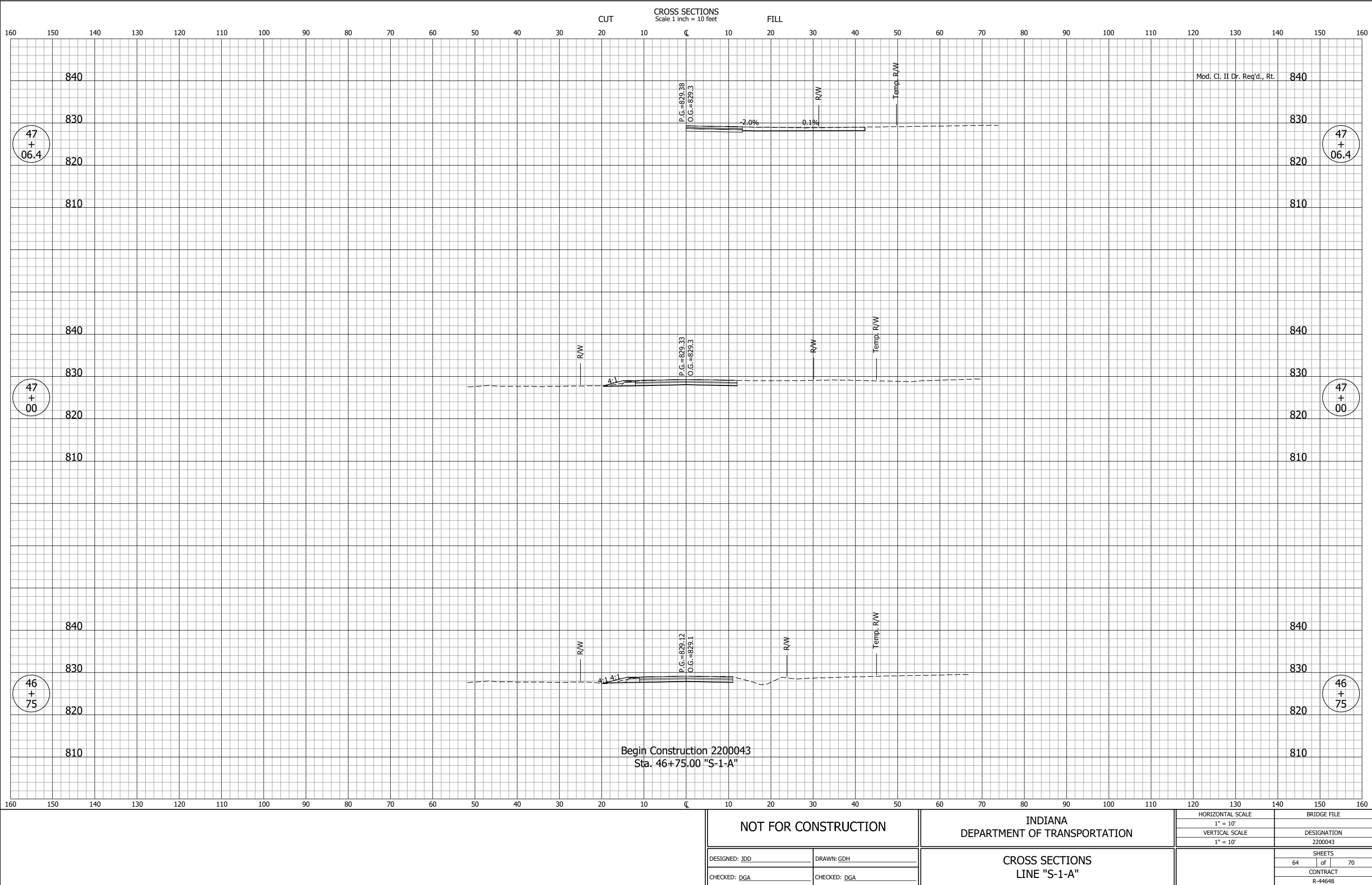
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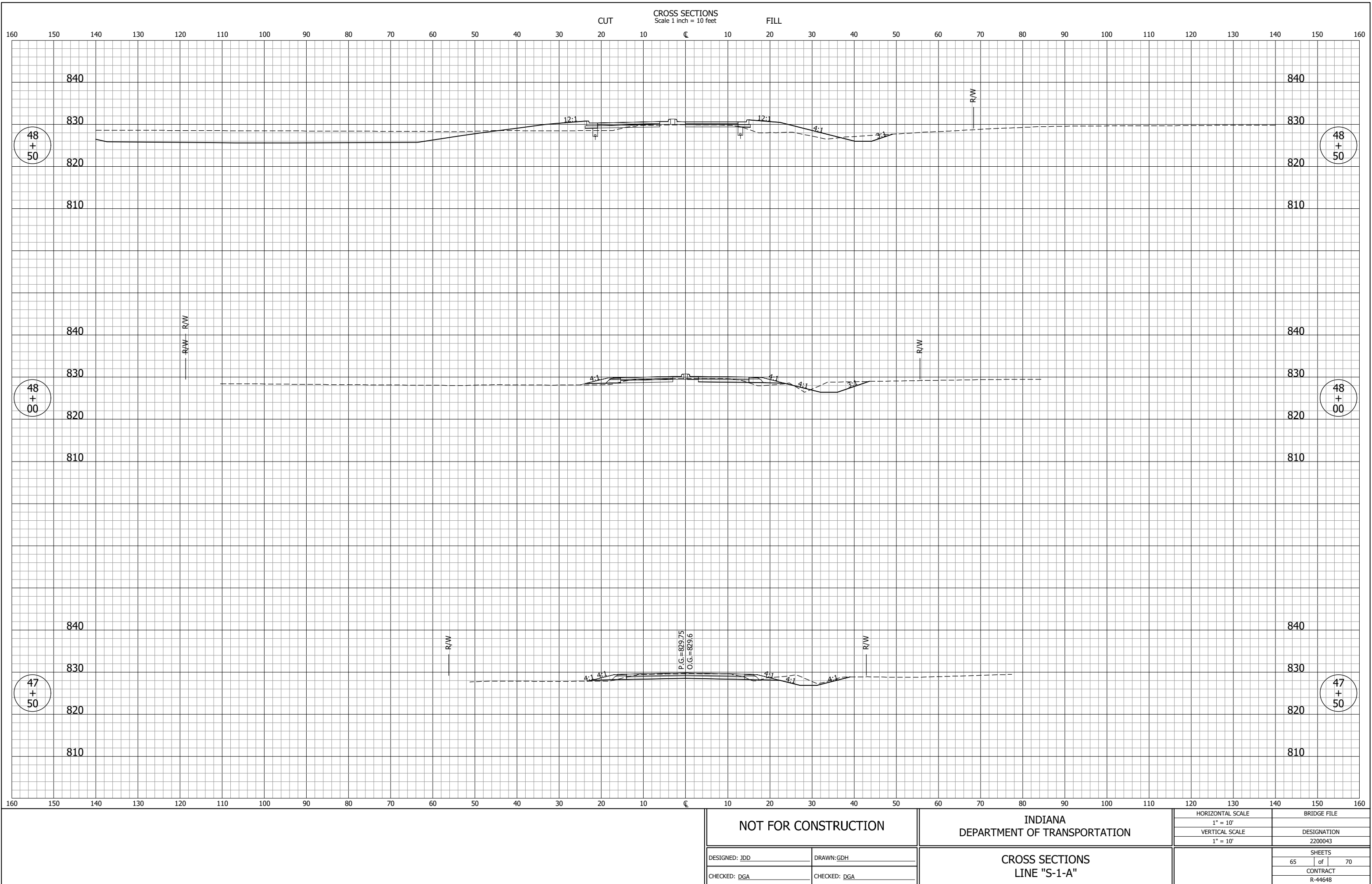


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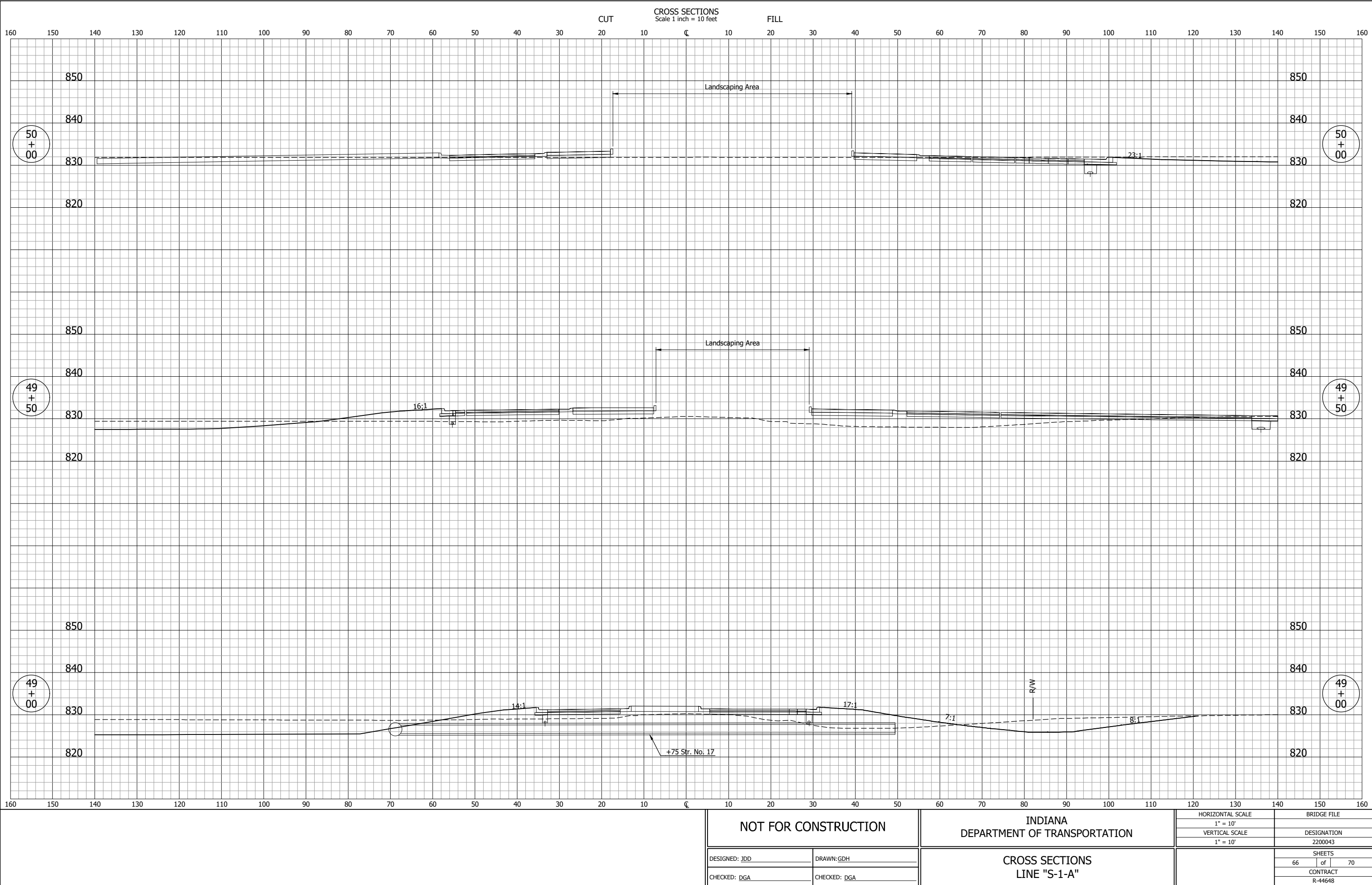


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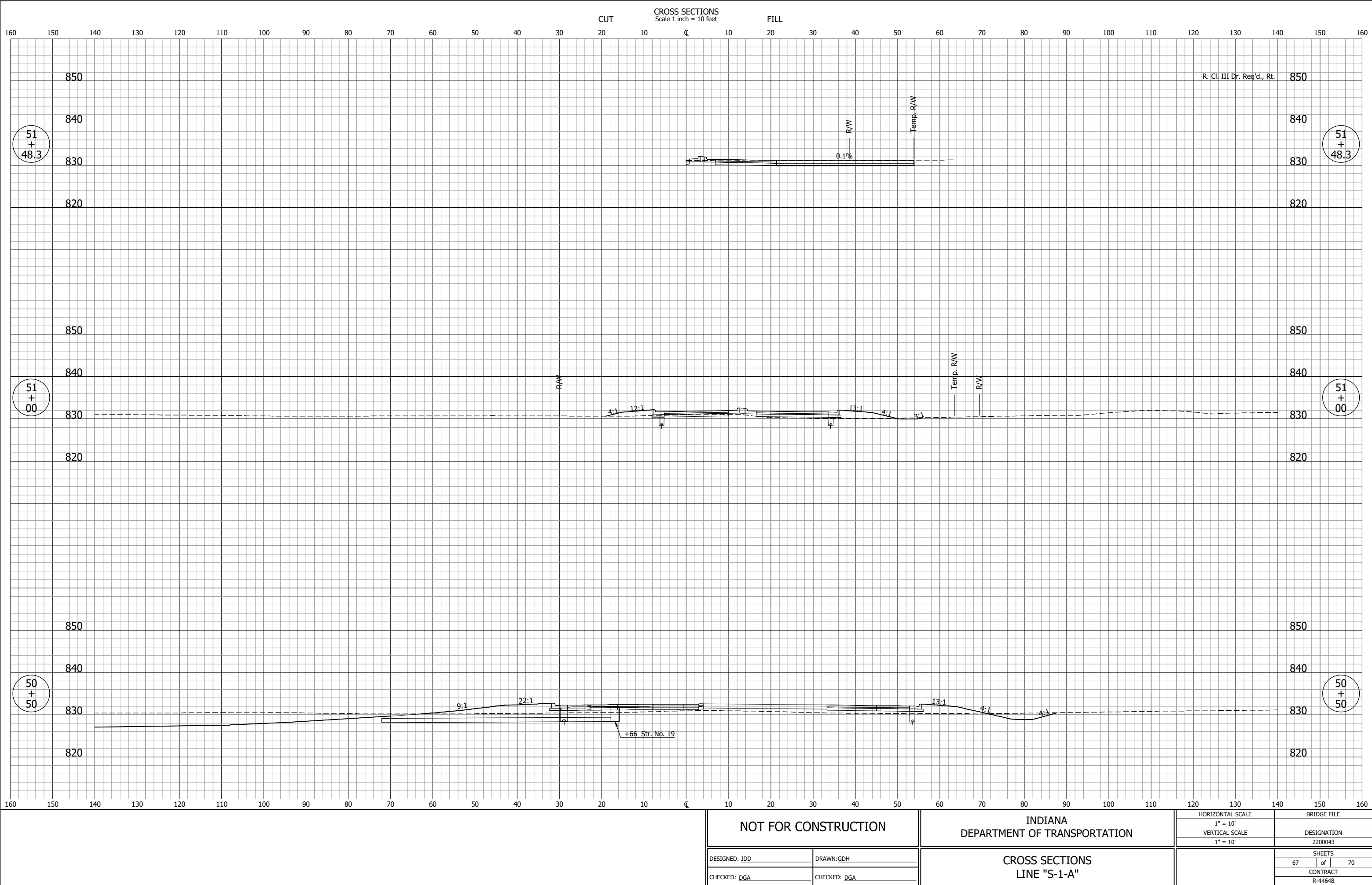




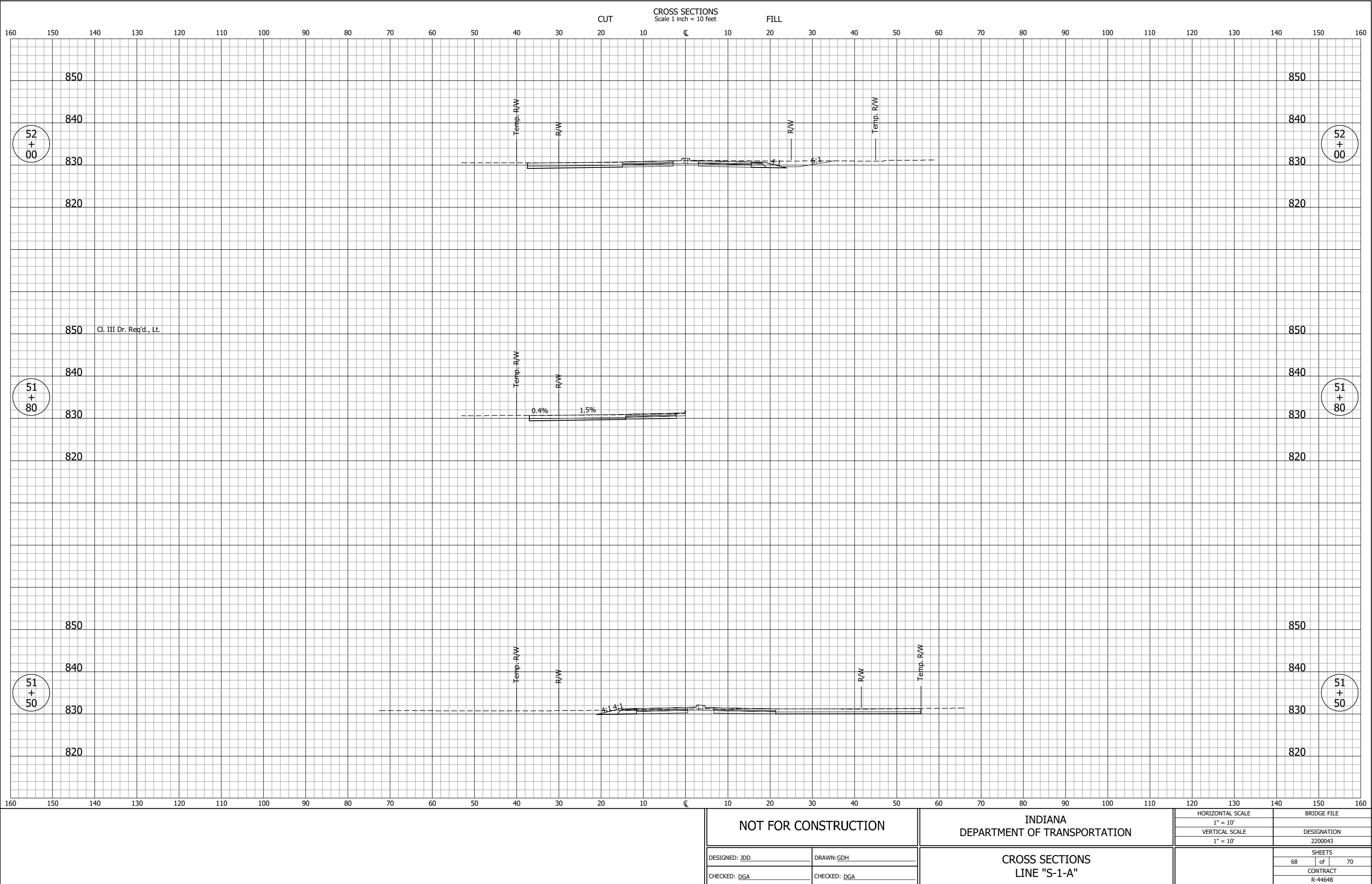
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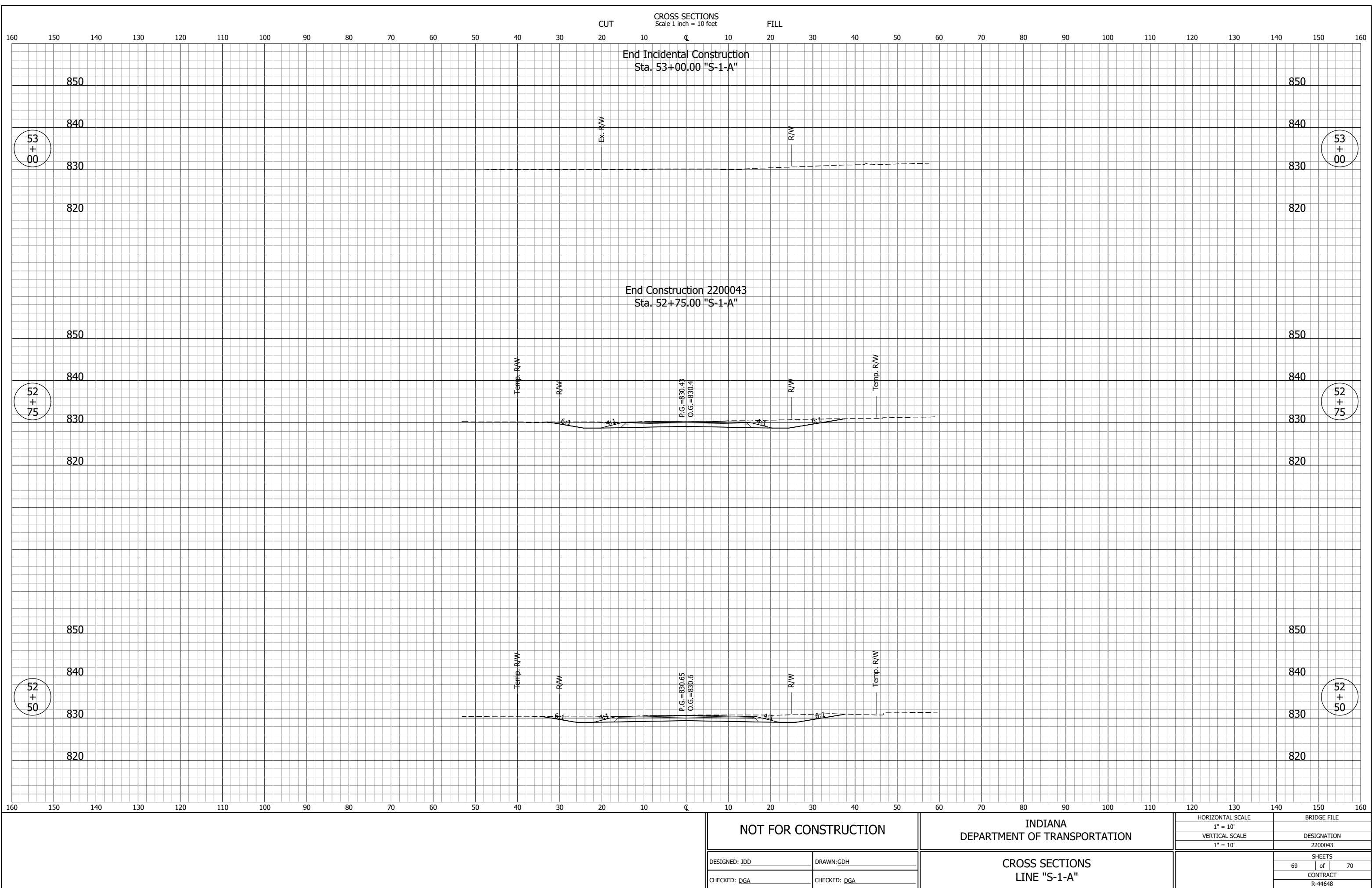


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GDH - 8/19/2025 1:45 PM - U:\2023\202318 INDOT SR2 Roundabout\Cod\C3D\Design Files\231800D_CO.dwg (XS_21_S-1-A)





GDH - 8/19/2025 1:47 PM - U:\2023\202318 INDOT SR2 Roundabout\Cad\C3D\Design Files\231B00D_CO.dwg (XS_23_S-1-A)

