

PROJECT	DESIGNATION
1600294	1600294
CONTRACT	BRIDGE FILE
R-39890	N/A

INDIANA  
DEPARTMENT OF  
TRANSPORTATION

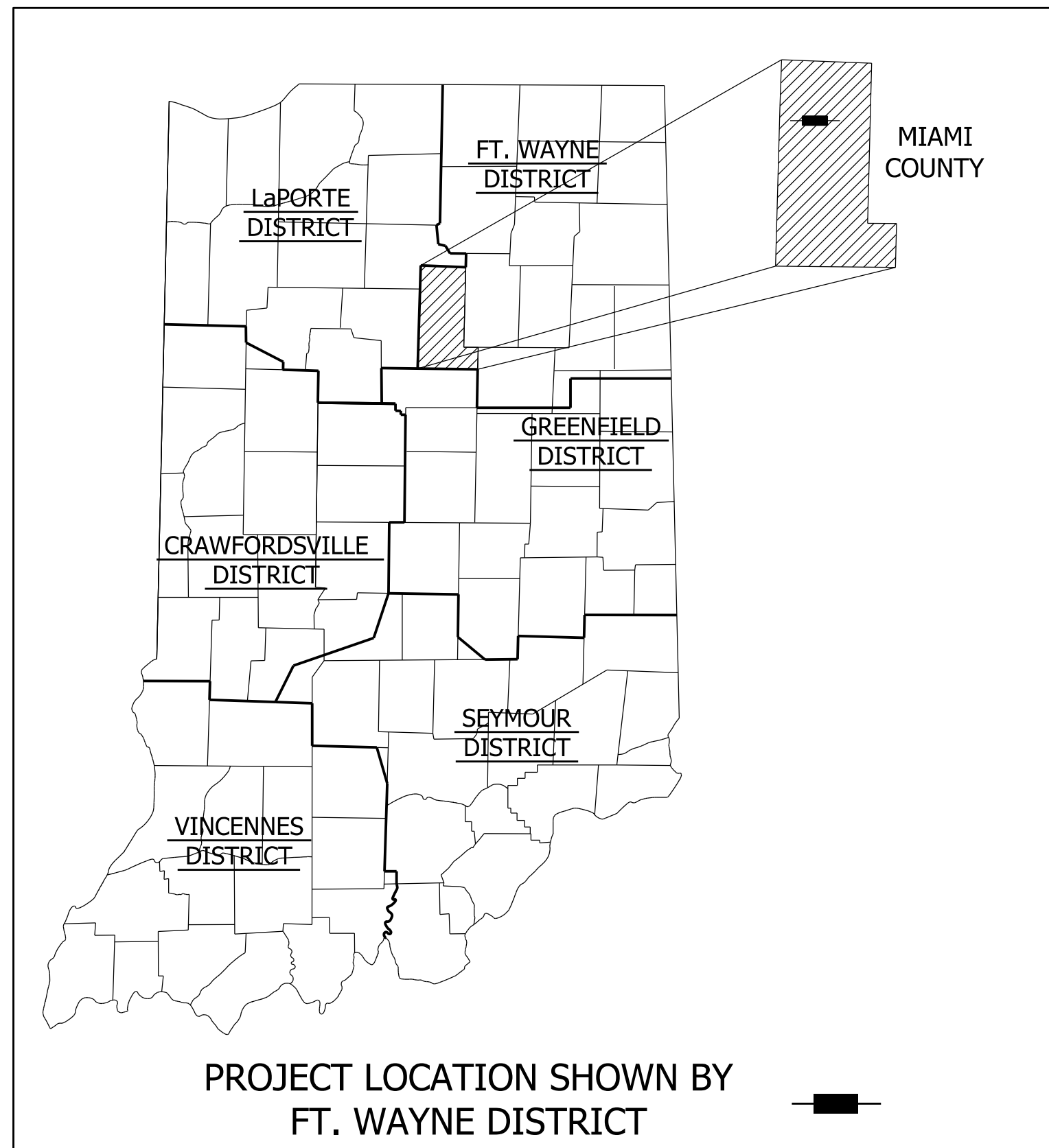


# ROAD PLANS

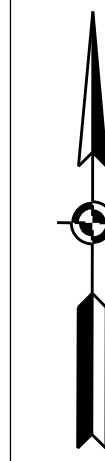
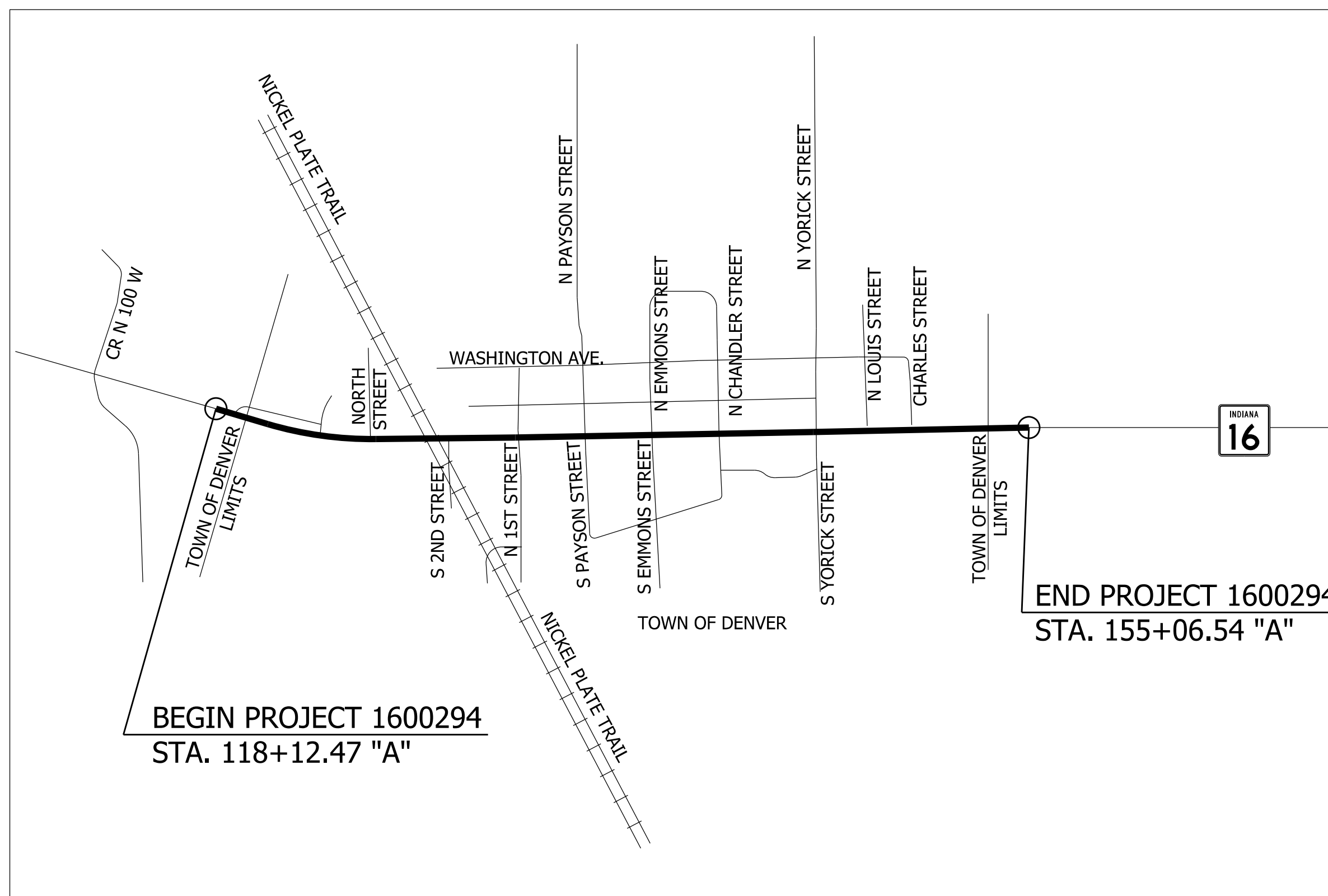
STATE ROAD 16  
PROJECT NO. 1600294 P.E.  
PROJECT NO. 1600294 CONST.

ROADWAY REHABILITATION BEGINNING AT 2.90 MILES EAST OF U.S. 31 EXTENDING EAST TO 3.53 MILES EAST OF U.S.31. SECTIONS 21, 16, (WEESAN SECTION), 15, 22 T-28-N, R-4-E, (T-99, R99) IN JEFFERSON TOWNSHIP OF MIAMI COUNTY, INDIANA

RP 72+86 TO 73+49



Latitude 40°51' 57" N Longitude 86°04'58" W



STATE ROAD 16	
<b>TRAFFIC DATA: SEGMENT 1 - CR 100W to 1st STREET</b>	
A.A.D.T. (2020 PROJECTED)	840 VPD
A.A.D.T. (2040 PROJECTED)	940 VPD
D.H.V. (2040 PROJECTED)	9.0%
DIRECTIONAL DISTRIBUTION	46.66% POSITIVE
TRUCKS	6% A.A.D.T., 8% DHV
<b>TRAFFIC DATA: SEGMENT 2 - 1st STREET to YORICK STREET</b>	
A.A.D.T. (2020 PROJECTED)	1,960 VPD
A.A.D.T. (2040 PROJECTED)	2,700 VPD
D.H.V. (2040 PROJECTED)	10.0%
DIRECTIONAL DISTRIBUTION	38.82% POSITIVE
TRUCKS	3% A.A.D.T., 1% DHV
<b>TRAFFIC DATA: SEGMENT 3 - YORICK STREET to CR 100E</b>	
A.A.D.T. (2020 PROJECTED)	570 VPD
A.A.D.T. (2040 PROJECTED)	570 VPD
D.H.V. (2040 PROJECTED)	9.0%
DIRECTIONAL DISTRIBUTION	41.36% POSITIVE
TRUCKS	9% A.A.D.T., 6% DHV
<b>DESIGN DATA - 1) BEGIN PROJECT to NORTH STREET</b>	
DESIGN SPEED	55 MPH
PROJECT DESIGN CRITERIA	RECONSTRUCTION (NON-FREEWAY)
FUNCTION CLASSIFICATION	STATE COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE
<b>DESIGN DATA - 2) NORTH STREET to END OF PROJECT</b>	
DESIGN SPEED	30 MPH
PROJECT DESIGN CRITERIA	* RECONSTRUCTION (NON-FREEWAY)
FUNCTION CLASSIFICATION	STATE COLLECTOR
RURAL/URBAN	URBAN (BUILT-UP)
TERRAIN	LEVEL
ACCESS CONTROL	NONE

\* URBAN DESIGN CRITERIA USED FOR THIS SECTION DUE TO RELATIVELY BUILT-UP RURAL AREA AS STATED IN THE IDM CHAPTER 53-1.0(5) AND THE LOW POSTED SPEED LIMIT.

GROSS LENGTH:	0.699 MI.
NET LENGTH:	0.699 MI.
MAXIMUM GRADE:	1.78 %

HYDROLOGIC UNIT CODES
05120104060030

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

251 N. ILLINOIS ST.  
CAPITOL CENTER SUITE 920  
INDIANAPOLIS, IN 46221  
PHONE (317) 237-2760  
FAX (317) 237-2755

HEARING PLANS  
DISPLAY ONLY  
7/8/2020

PLANS PREPARED BY:	BURGESS & NIPLE, INC.	(317) 237-2760
		PHONE NUMBER
PREPARED BY:		DATE
FOR LETTING APPROVED:	INDIANA DEPARTMENT OF TRANSPORTATION	DATE

BRIDGE FILE	
N/A	
DESIGNATION	
1600294	
DWG. NO.	SHEET NO.
TI-01	1 of 141
CONTRACT	PROJECT
R-39890	1600294

7/9/2020 P:\RHS574\CDST\01.dgn

### UTILITIES

**CENTURYLINK - Telephone/Communications**  
 Bruce Emerick  
 213 W. Laporte Street  
 Plymouth, IN 46563  
 574-926-1247  
 joseph.megyesi@sprint.com

**CENTURYLINK - Telephone**  
 Bill Sanner  
 1401 W. Center Street  
 Warsaw, IN 46580  
 574-372-2750  
 william.t.sanner@centurylink.com

**CENTURYLINK COMMUNICATIONS, LLC**  
 Kirk Thoeke  
 11111 Dorset Road  
 Maryland Heights, MO 63021  
 636-887-4752  
 kirk.thoeke@centurylink.com

**MIAMI CASS REMC - Electric**  
 Brandon Williams  
 P.O. Box 168  
 3086 W. 100 N  
 Peru, IN 46970  
 765-461-5938  
 brandonw@mcremc.coop

**DUKE ENERGY - Electric**  
 Connie Maus  
 1619 W. Defenbaugh Street  
 Kokomo, IN 46902  
 765-454-6180  
 connie.maus@duke-energy.com

**DUKE ENERGY - Electric**  
 Tim Umbaugh  
 1619 W. Defenbaugh Street  
 Kokomo, IN 46902  
 812-375-5858  
 tim.umbaugh@duke-energy.com

**NIPSCO - Gas**  
 Faming (Michael) Sun  
 801 E. 86th Avenue  
 Merrillville, IN 46410  
 260-439-1221  
 fsun@nisource.com

**DENVER SANITARY - Sewer**  
 (Murphy Environmental Services)  
 Bruce Murphy  
 7329 N. Meridian Road  
 Denver, IN 46926  
 765-985-2765  
 dnvrwwplant@yahoo.com

### GENERAL NOTES

- \*\* ALL EARTH SHOULDERS AND CUT AND FILL SLOPES SHALL BE PLAIN OR MULCH SEEDED EXCEPT WHERE OTHERWISE SPECIFIED.
- \*\* THE PLANS SHOW SOME OF THE UTILITIES LOCATED WITHIN THE LIMITS OF THE CONTRACT ACCORDING TO INFORMATION OBTAINED FROM THE VARIOUS UTILITY COMPANIES. THE ACCURACY OF THE PLANS IN THIS RESPECT IS NOT GUARANTEED BY BURGESS & NIPLE, INC.
- \*\* 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.

\*\* REPRESENTS GENERAL NOTES REQUIRED.

### REVISIONS

NO.	DATE	DESCRIPTION

### DRAWING INDEX

SHEET NO.	DRAWING NO.	SHEET DESIGNATION
1	TI-01	TITLE SHEET
2	IX-01	INDEX AND GENERAL NOTES
3-5	TS-01 - TS-03	TYPICAL SECTIONS
6-7	PN-01 - PN-02	PLAT NO. 1
8-9	MT-01 - MT-02	MAINTENANCE OF TRAFFIC
10-18	PP-01 - PP-09	PLAN SHEETS & PROFILE SHEETS
19	SE-01	SUPERELEVATION DIAGRAMS
20-33	AD-01 - AD14	APPROACH DETAIL SHEETS
34-37	PM-01 - PM-04	PAVEMENT MARKING SHEETS
38-39	AT-01 - AT-02	APPROACH TABLE SHEETS
40-42	SD-01 - SD-03	STRUCTURE DATA TABLE
43-141	XS-01 - XS-99	CROSS SECTIONS

### CONTROL POINTS

**1** SIGN "NO PASSING ZONE" LIGHT POLE SR 16 (HARRISON ST) STA. 118+18.03 "A", 19.02' Rt. N: 46,606.4680 E: 32,620.7274

**2** PWR/TELE POLE POST 4-IN STEEL SR 16 (HARRISON ST) STA. 123+52.23 "A", 15.17' Rt. N: 46,503.8458 E: 33,147.3046

**3** PWR/LIGHT POLE SIGN "BIKE TRAIL" SR 16 (HARRISON ST) STA. 128+49.14 "A", 16.99' Rt. N: 46,503.8336 E: 33,645.1491

**4** PWR/LIGHT POLE SR 16 (HARRISON ST) STA. 131+49.30 "A", 19.16' Lt. N: 46,543.5407 E: 33,944.7424

**5** SR 16 (HARRISON ST) STA. 133+93.86 "A", 34.55' Rt. N: 46,562.0461 E: 34,555.3020

**6** N EMMONS STREET SR 16 (HARRISON ST) STA. 137+60.10 "A", 26.11' Rt. N: 46,562.0461 E: 34,555.3020

**7** SR 16 (HARRISON ST) STA. 140+67.33 "A", 18.28' Rt. N: 46,523.4735 E: 34,863.3179

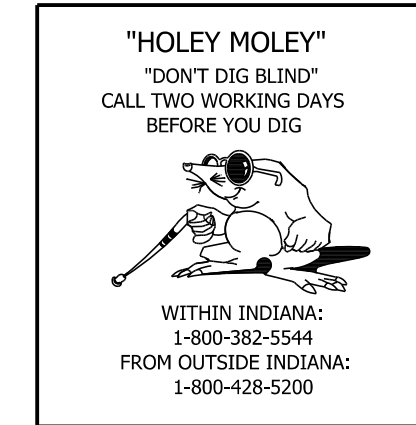
**8** SR 16 (HARRISON ST) STA. 144+63.97 "A", 30.78' Rt. N: 46,580,0301 E: 35,258.9572

**9** SR 16 (HARRISON ST) STA. 147+46.75 "PR-A", 18.09' Rt. N: 46,540.8757 E: 35,542.4989

**10** SR 16 (HARRISON ST) STA. 151+49.31 "PR-A", 11.52' Lt. N: 46,578.5811 E: 35,944.4246

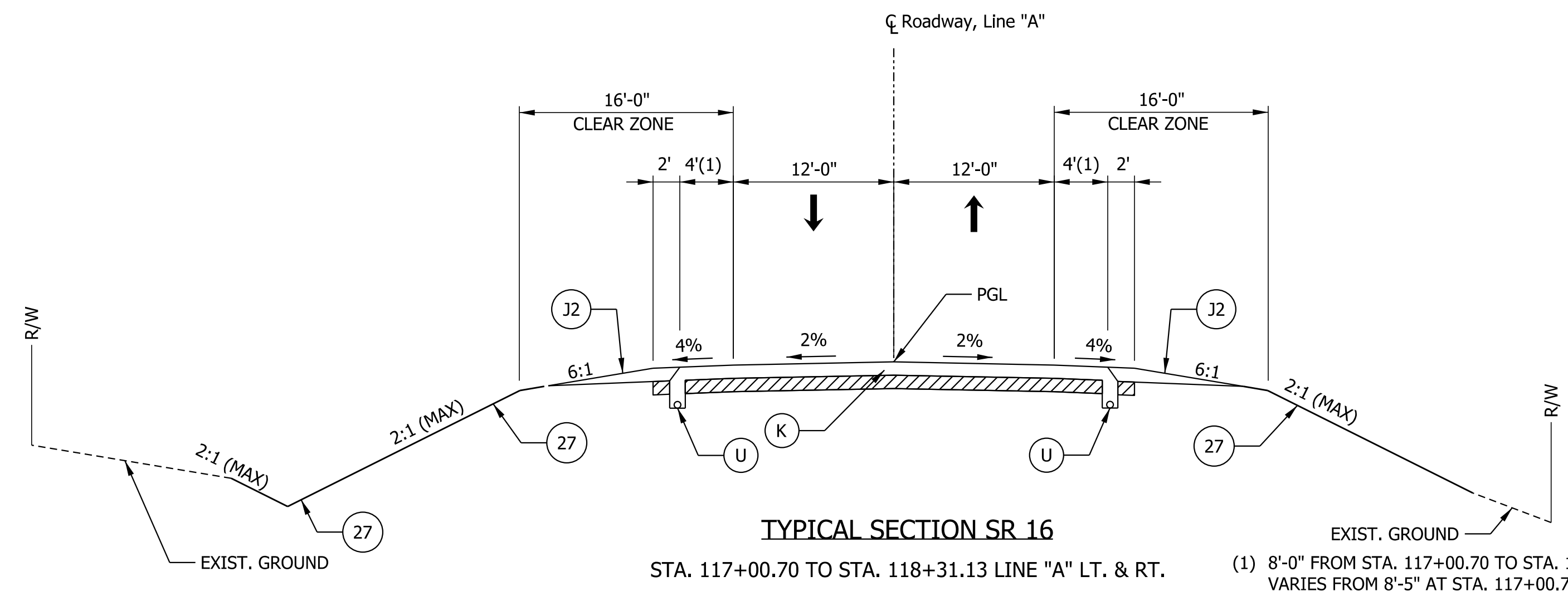
**11** SR 16 (HARRISON ST) STA. 159+78.88 "A", 18.45' Rt. N: 46,561.6151 E: 36,774.5108

**12** PWR/TELE POLE SR 16 (HARRISON ST) STA. 159+78.88 "A", 18.45' Rt. N: 46,561.6151 E: 36,774.5108

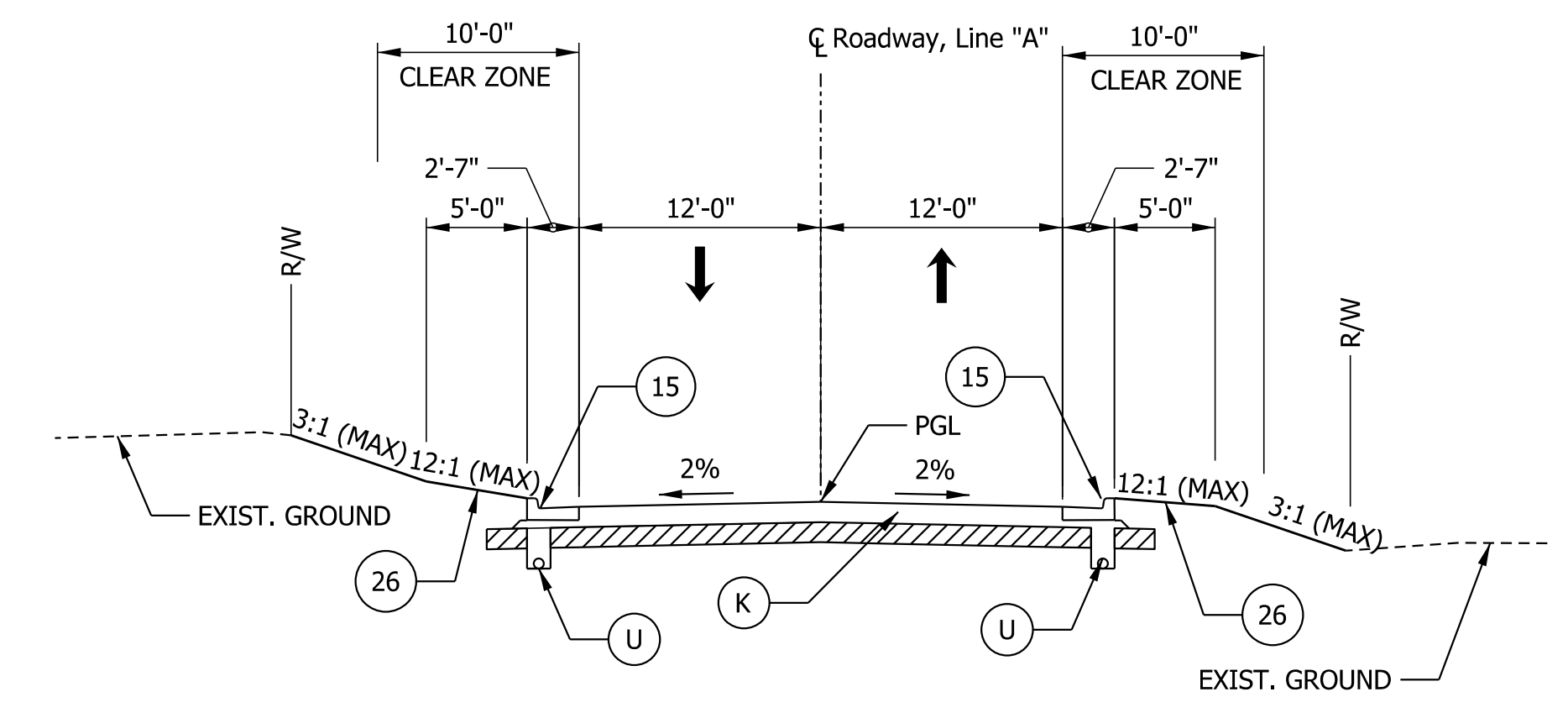


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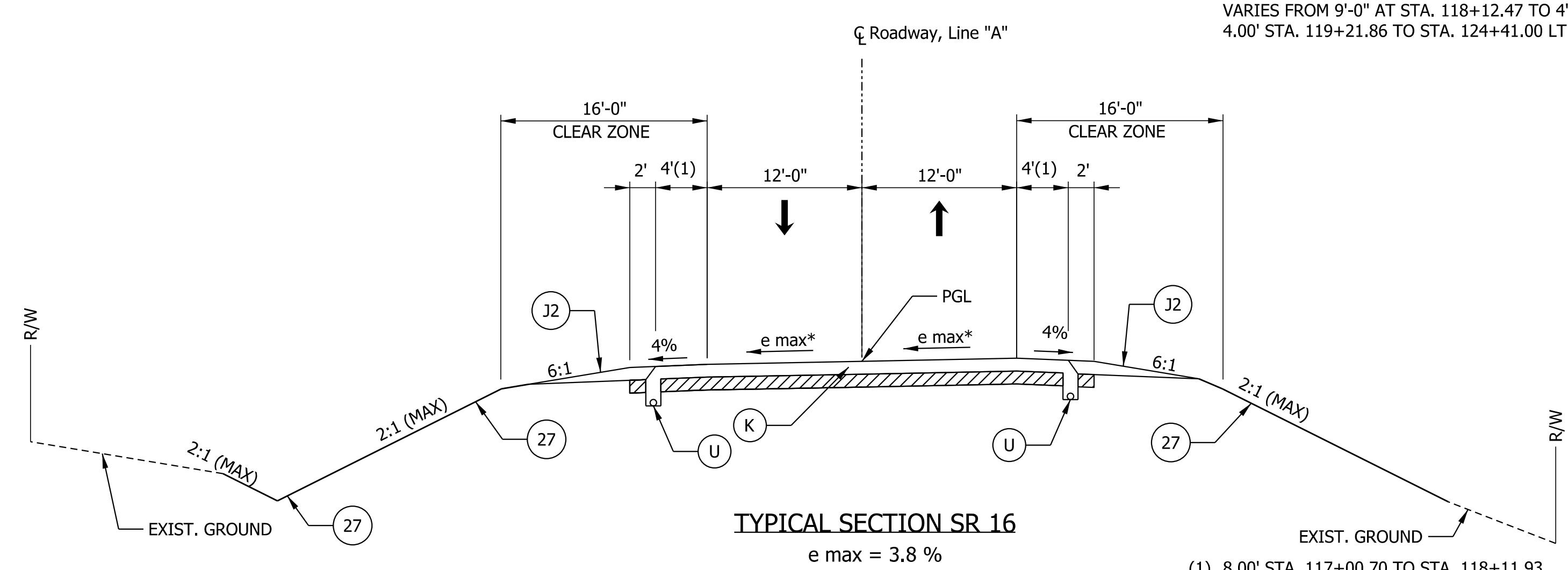
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			N/A	N/A
DESIGNED: JM	DRAWN: BJD	INDEX & GENERAL NOTES	VERTICAL SCALE	DESIGNATION
CHECKED: MAK	CHECKED: JM		N/A	1600294
			SURVEY BOOK	DWG. NO. SHEET NO.
				IX-01 2 of 141
			CONTRACT	PROJECT
			R-39890	1600294



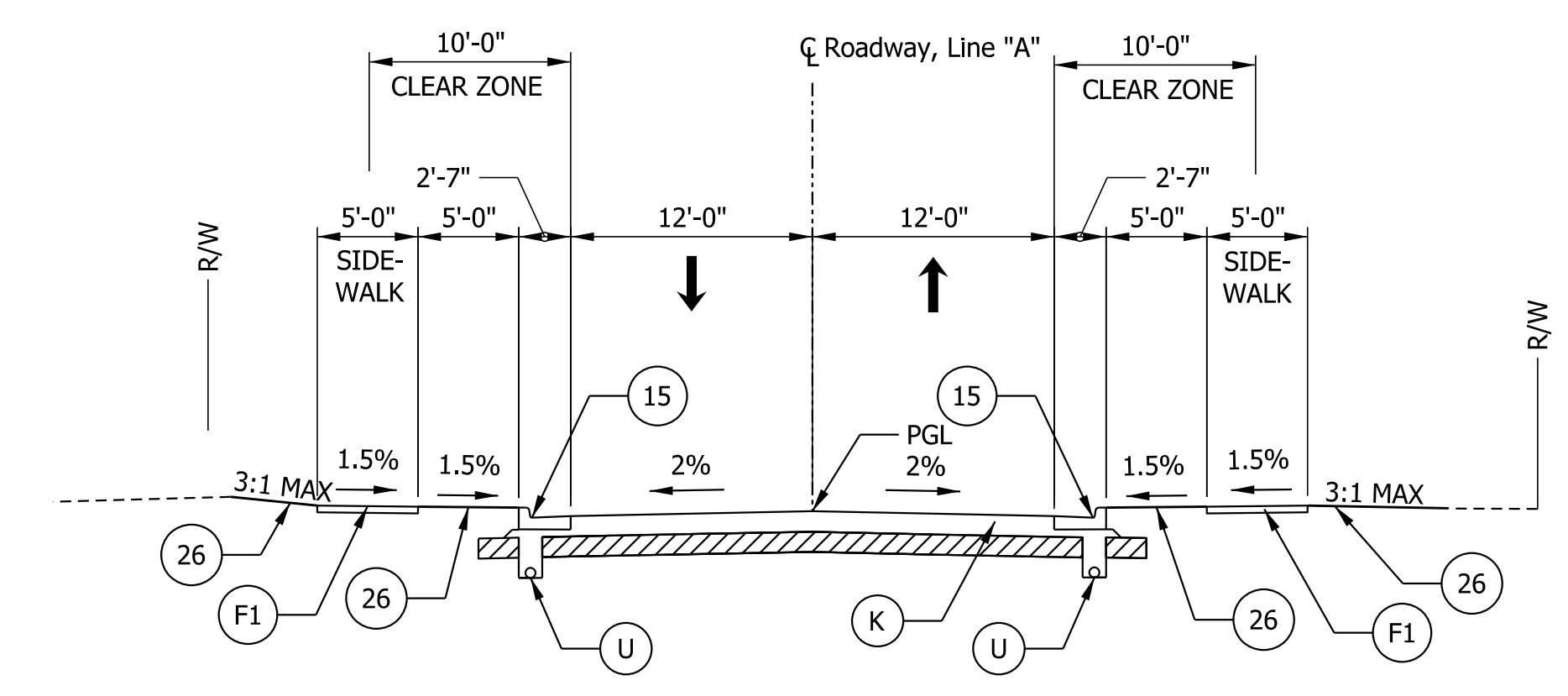
**TYPICAL SECTION SR 16**  
 STA. 117+00.70 TO STA. 118+31.13 LINE "A" LT. & RT. (1) 8'-0" FROM STA. 117+00.70 TO STA. 118+12.47 LT. VARIES FROM 8'-5" AT STA. 117+00.70 TO 9'-0" AT STA. 118+12.47 RT. VARIES FROM 8'-0" AT STA. 118+12.47 TO 4'-0" AT STA. 119+21.86 LT. VARIES FROM 9'-0" AT STA. 118+12.47 TO 4'-0" AT STA. 119+21.86 RT. 4.00' STA. 119+21.86 TO STA. 124+41.00 LT. & STA. 125+23.00 RT.



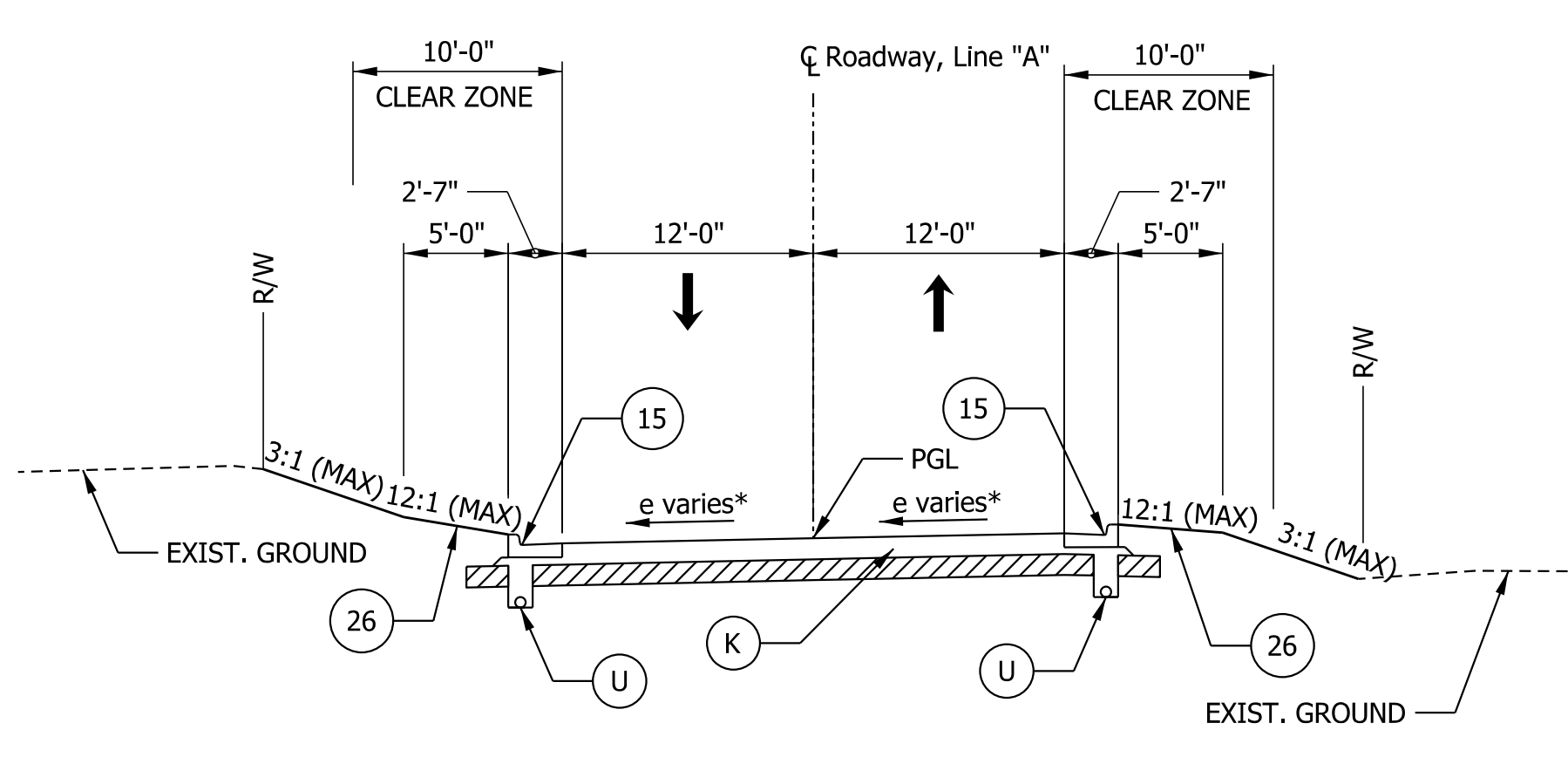
**TYPICAL SECTION SR 16**  
 STA. 124+79.72 TO STA. 128+42.88 LINE "A" LT. STA. 125+83.72 TO STA. 127+00.47 LINE "A" RT.



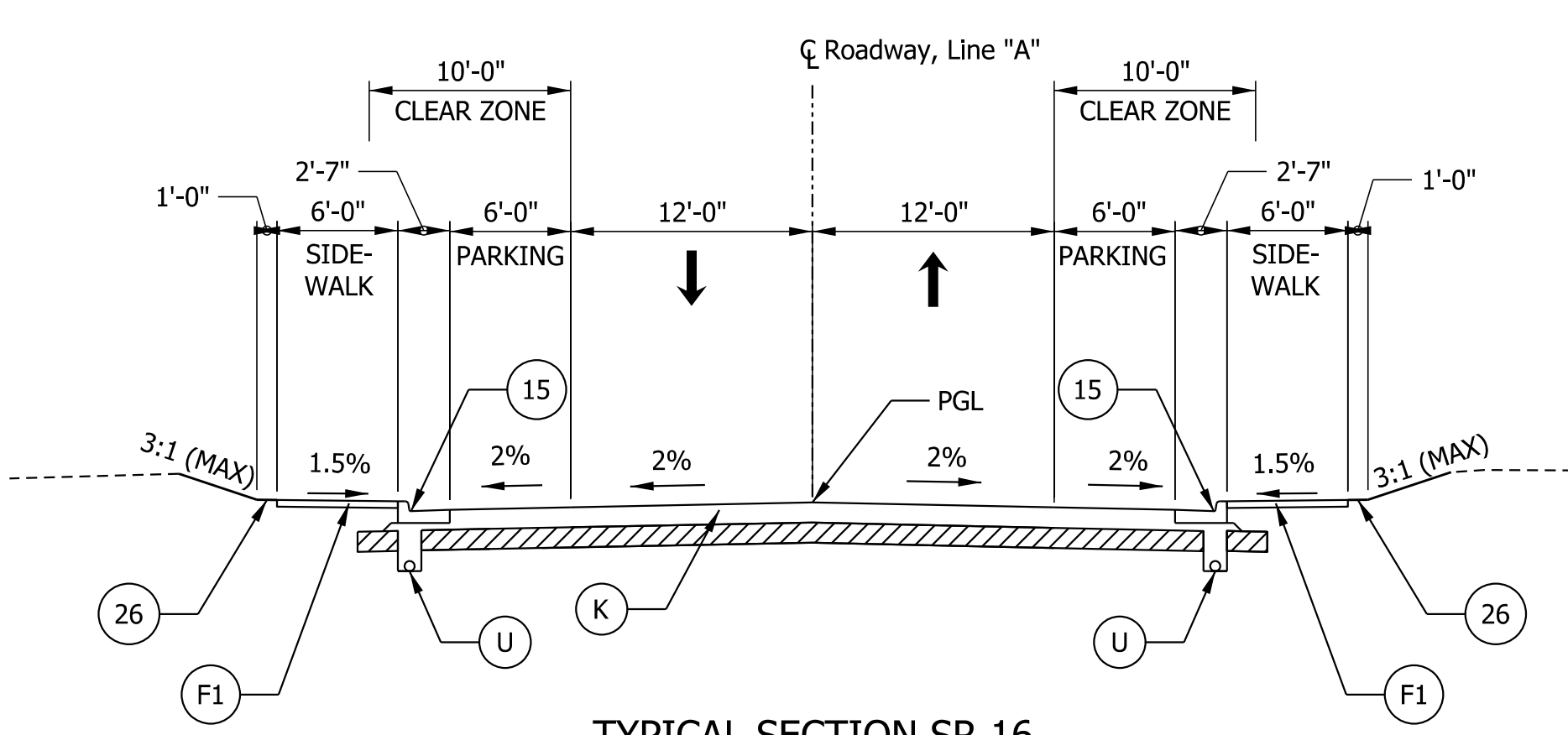
**TYPICAL SECTION SR 16**  
 STA. 118+31.13 TO STA. 124+41.00 LINE "A" LT. & RT. STA. 124+41.00 TO STA. 125+23.00 LINE "A" RT. (1) 8.00' STA. 117+00.70 TO STA. 118+11.93 VARIES 8.00' TO 4.00' STA. 118+11.93 TO STA. 119+21.86 4.00' STA. 119+21.86 TO STA. 124+41.00 LT. & STA. 125+23.00 RT. \* SEE SUPERELEVATION DIAGRAM FOR SUPERELEVATION TRANSITION STATION RANGES.



**TYPICAL SECTION SR 16**  
 STA. 128+42.88 TO STA. 131+25.00 LINE "A" LT. STA. 127+00.47 TO STA. 131+25.00 LINE "A" RT.



**TYPICAL SECTION SR 16**  
 STA. 124+41.00 TO STA. 124+79.72 LINE "A" LT. STA. 125+23.00 TO STA. 125+83.72 LINE "A" RT. \* SEE SUPERELEVATION DIAGRAM FOR SUPERELEVATION TRANSITION STATION RANGES.

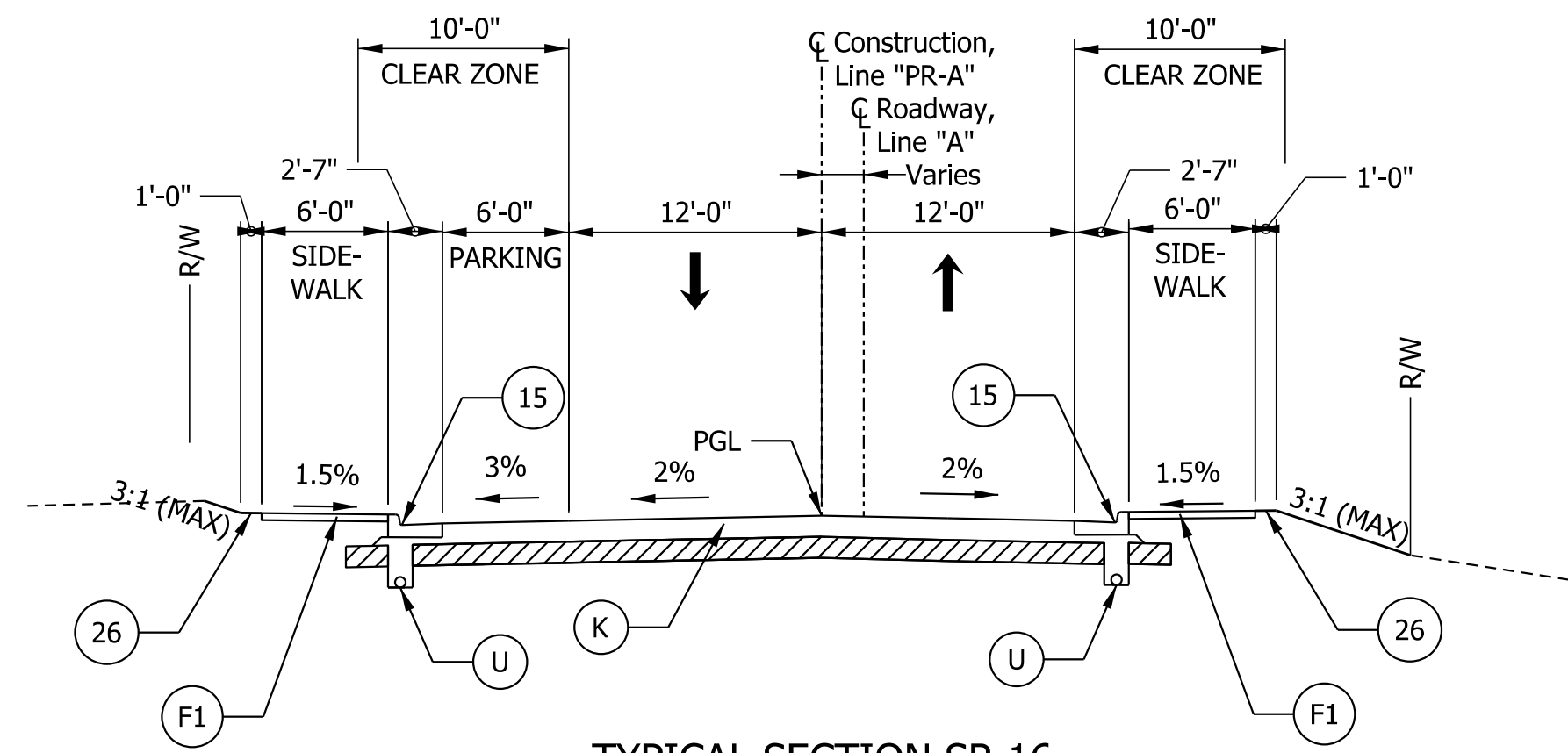


**TYPICAL SECTION SR 16**  
 STA. 131+25.00 TO STA. 144+95.47 LINE "A" LT. & RT.

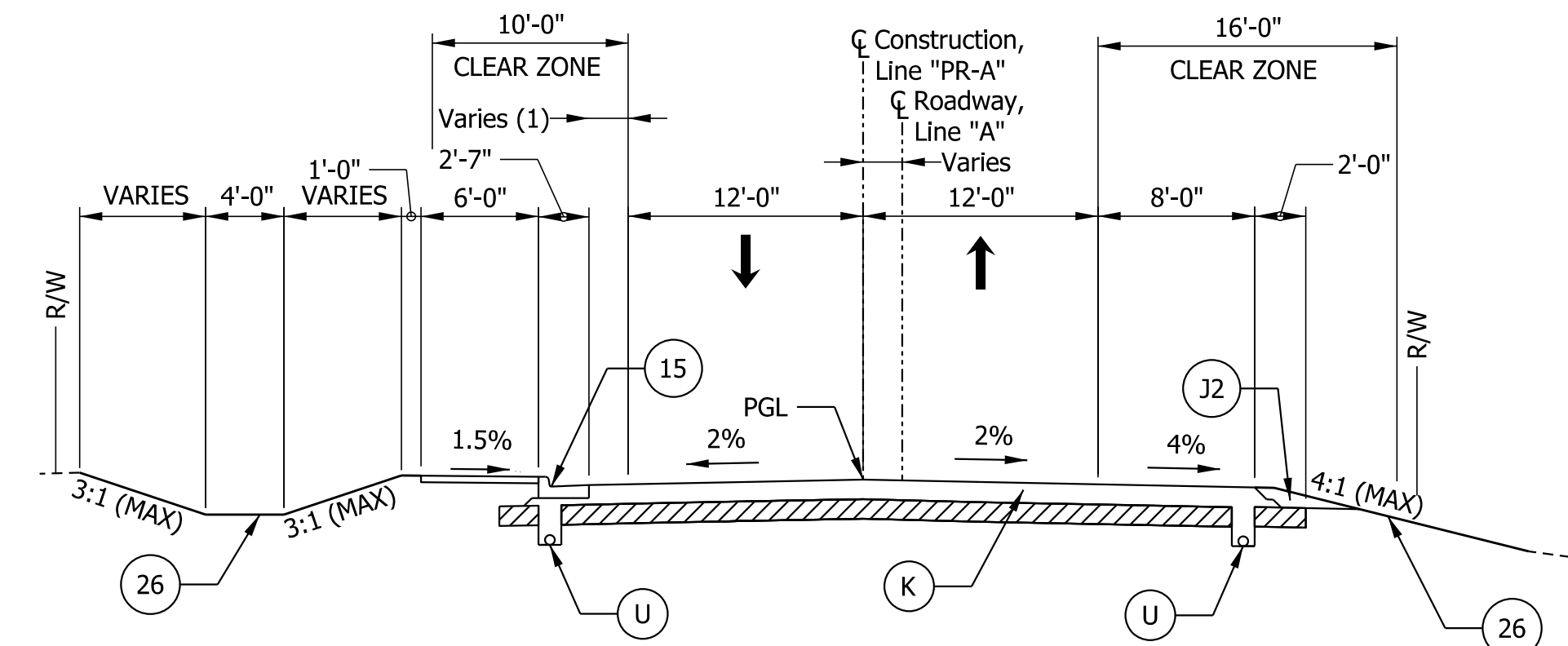
LEGEND		
(K)	165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON	(15) MODIFIED COMBINED CONCRETE CURB & GUTTER
(J2)	275 #/SY QC/QA-HMA, 3, 70, INTERMEDIATE, 19.0 mm ON	(26) SODDING (NURSERY)
(U)	330 #/SY QC/QA-HMA, 3, 64, BASE, 19.0 mm ON	(27) SEED MIXTURE, U
(R)	250 #/SY QC/QA-HMA, 5, 76, INTERMEDIATE OG, 19.0 mm ON	
	330 #/SY QC/QA-HMA, 3, 64, BASE, 19.0 mm ON	
	SUBGRADE TREATMENT, TYPE IB	
	165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON	
	1.5" SURFACE MILLING, HMA (MIN.)	
(F1)	CONCRETE SIDEWALK	
(J2)	VAR. DEPTH, COMPACTED AGGREGATE FOR SHOULDER, NO. 53	
(U)	6" UNDERDRAIN	
(Z)	SUBGRADE TREATMENT	

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE	
DESIGNED: MJS DRAWN: MJS				1/8" = 1'-0"		N/A	
CHECKED: JRA		CHECKED: JRA		VERTICAL SCALE		DESIGNATION	
				SURVEY BOOK		1600294	
				DWG. NO.		3 of 141	
				CONTRACT		PROJECT	
				R-39890		1600294	

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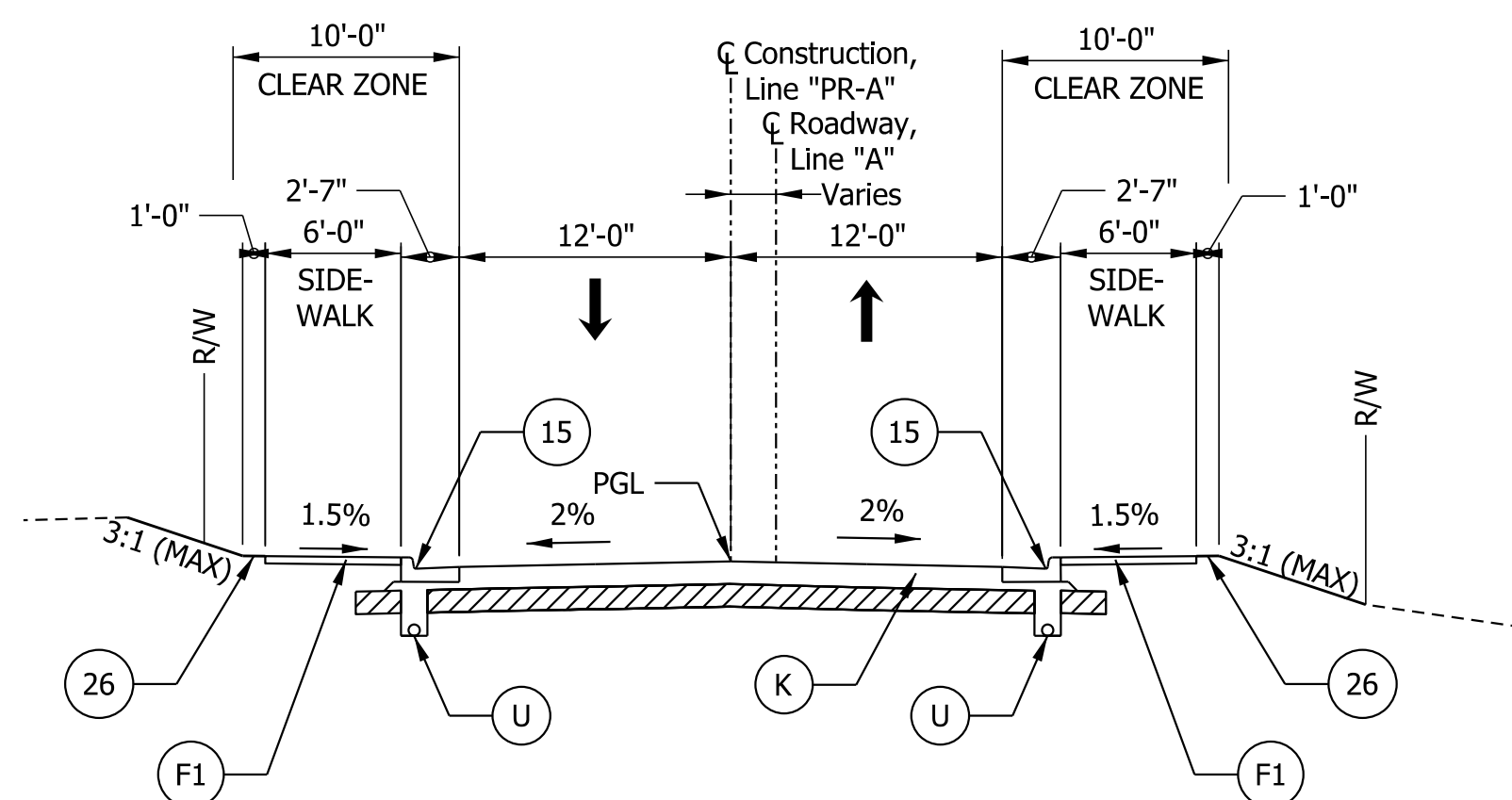


**TYPICAL SECTION SR 16**  
STA. 144+95.47 TO STA. 149+38.00 LINE "PR-A" LT. & RT.

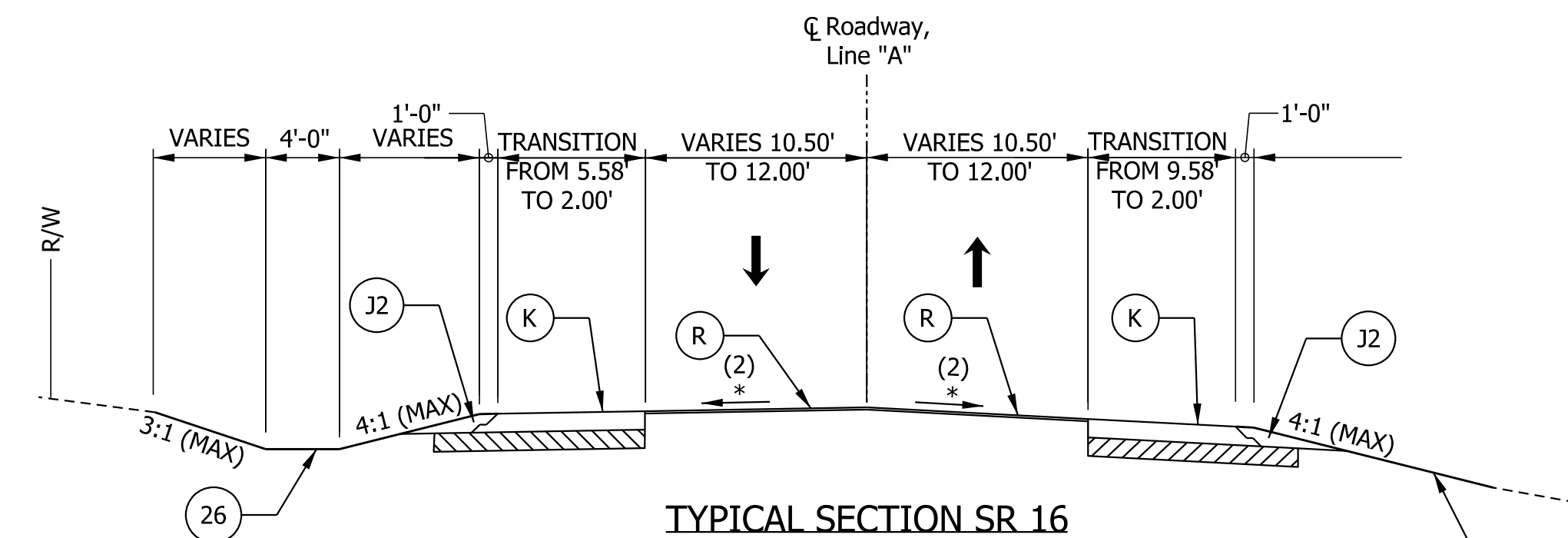


**TYPICAL SECTION SR 16**  
STA. 151+96.67 TO STA. 155+06.54 LINE "PR-A" LT. & RT.

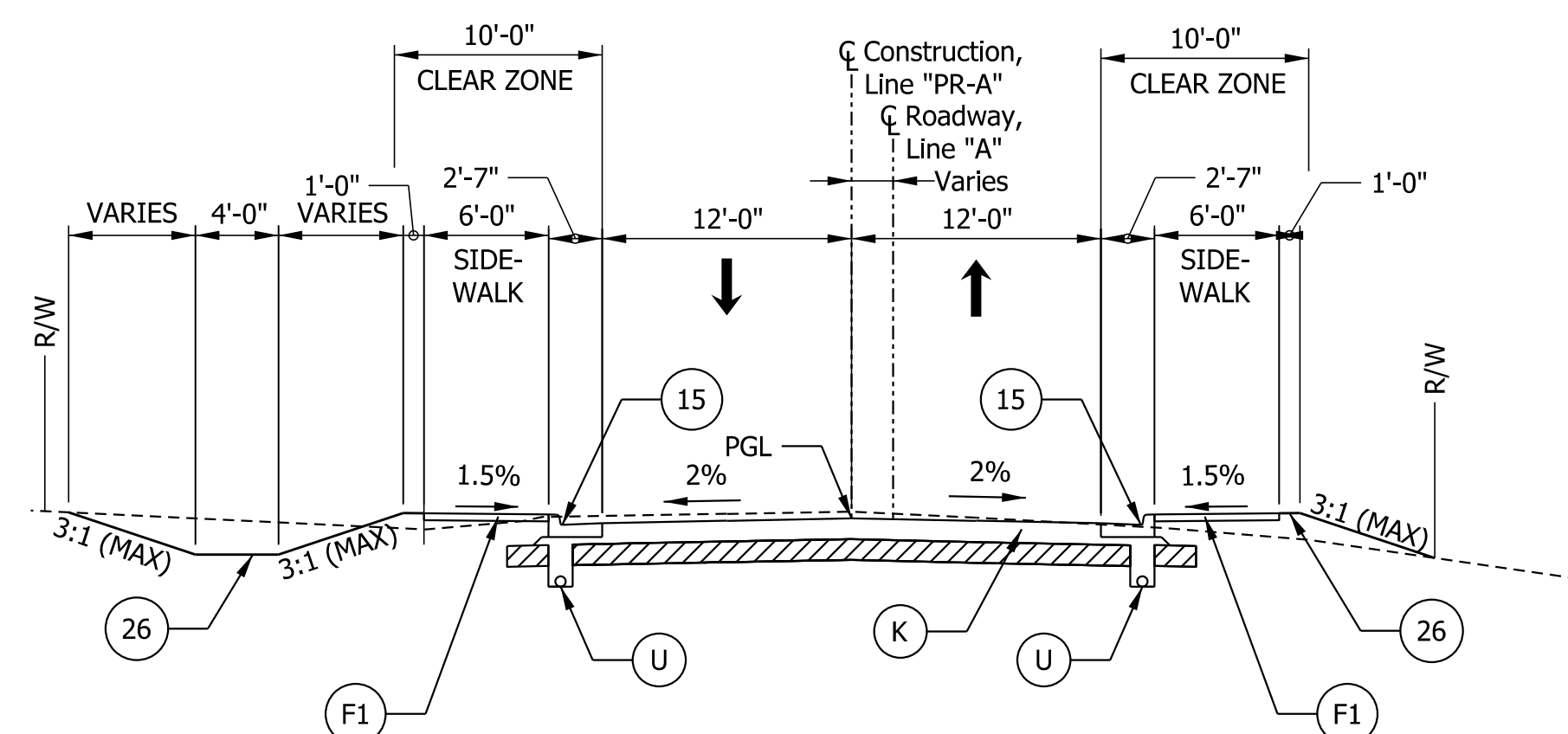
(1) 0.00' STA. 151+96.67 TO STA. 154+74.58  
VARIES 0.00' TO 4.00' STA. 154+74.58 TO STA. 155+06.54



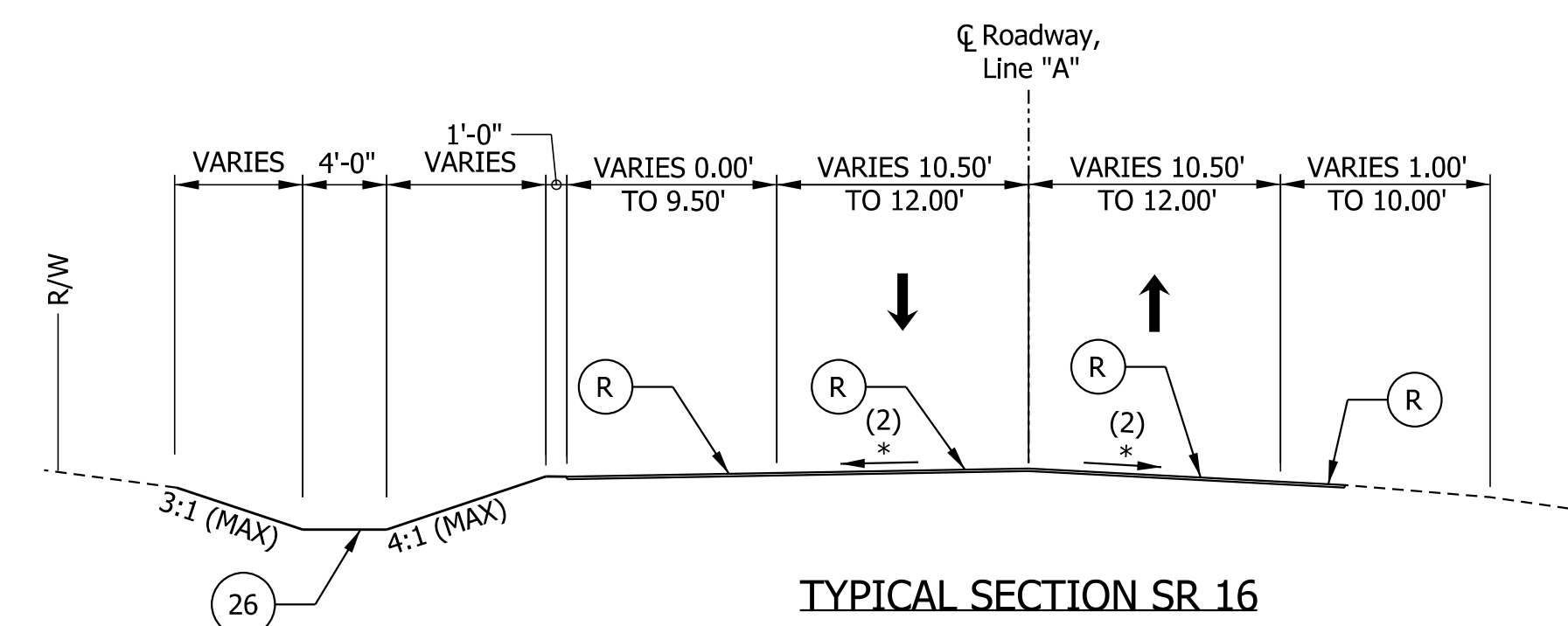
**TYPICAL SECTION SR 16**  
STA. 149+38.00 TO STA. 150+70.00 LINE "PR-A" LT. & RT.



**TYPICAL SECTION SR 16**  
STA. 155+06.54 TO STA. 156+00 LINE "A" LT. & RT.  
(2) MATCH EXISTING CROSS SLOPE



**TYPICAL SECTION SR 16**  
STA. 150+70.00 TO STA. 151+96.67 LINE "PR-A" LT. & RT.



**TYPICAL SECTION SR 16**  
STA. 156+00.00 TO STA. 163+00 LINE "A" LT. & RT.  
(2) MATCH EXISTING CROSS SLOPE

**LEGEND**

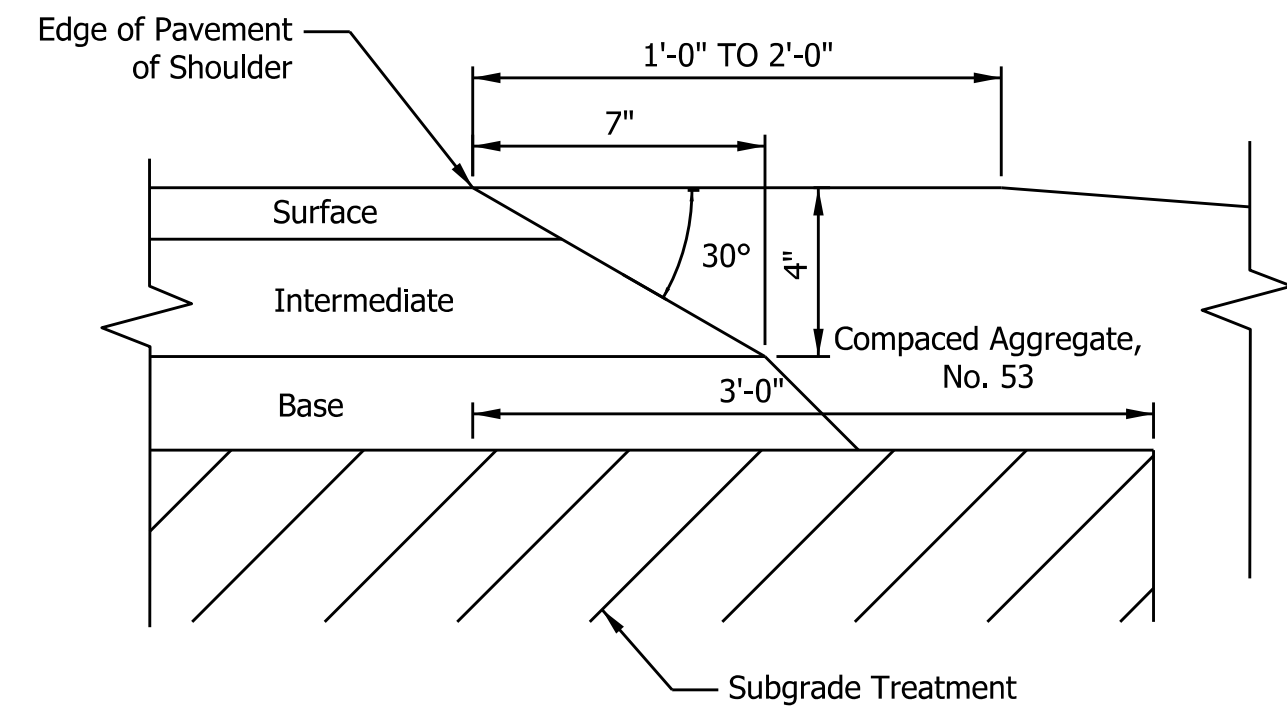
- |  |   |   |
|--|---|---|
| (K) 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON      | (F1) CONCRETE SIDEWALK                                    | (15) MODIFIED COMBINED CONCRETE CURB & GUTTER |
| 275 #/SY QC/QA-HMA, 3, 70, INTERMEDIATE, 19.0 mm ON    | (J2) VAR. DEPTH, COMPACTED AGGREGATE FOR SHOULDER, NO. 53 | (26) SODDING (NURSERY)                        |
| 330 #/SY QC/QA-HMA, 3, 64, BASE, 19.0 mm ON            | (U) 6" UNDERDRAIN   | (27) SEED MIXTURE, U                          |
| 250 #/SY QC/QA-HMA, 5, 76, INTERMEDIATE OG, 19.0 mm ON | (Z) SUBGRADE TREATMENT                                    |   |
| 330 #/SY QC/QA-HMA, 3, 64, BASE, 19.0 mm ON            |   |   |
| SUBGRADE TREATMENT, TYPE IB                            |   |   |
| (R) 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON      |   |   |
| 1.5" SURFACE MILLING, HMA (MIN.)                       |   |   |

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS	
CHECKED: JRA	CHECKED: JRA	

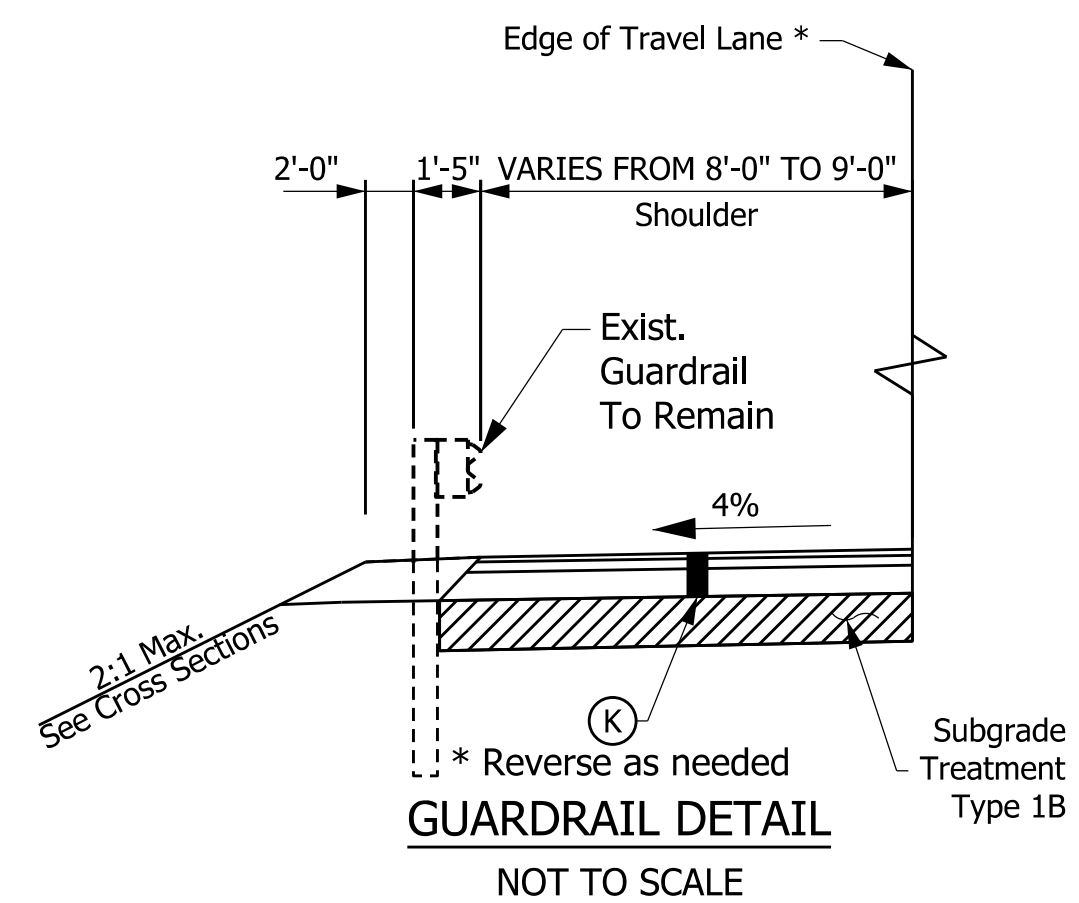
**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

HORIZONTAL SCALE	BRIDGE FILE	
1/8" = 1'-0"	N/A	
VERTICAL SCALE	DESIGNATION	
	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	TS-02	4 of 141
CONTRACT	PROJECT	
R-39890	1600294	



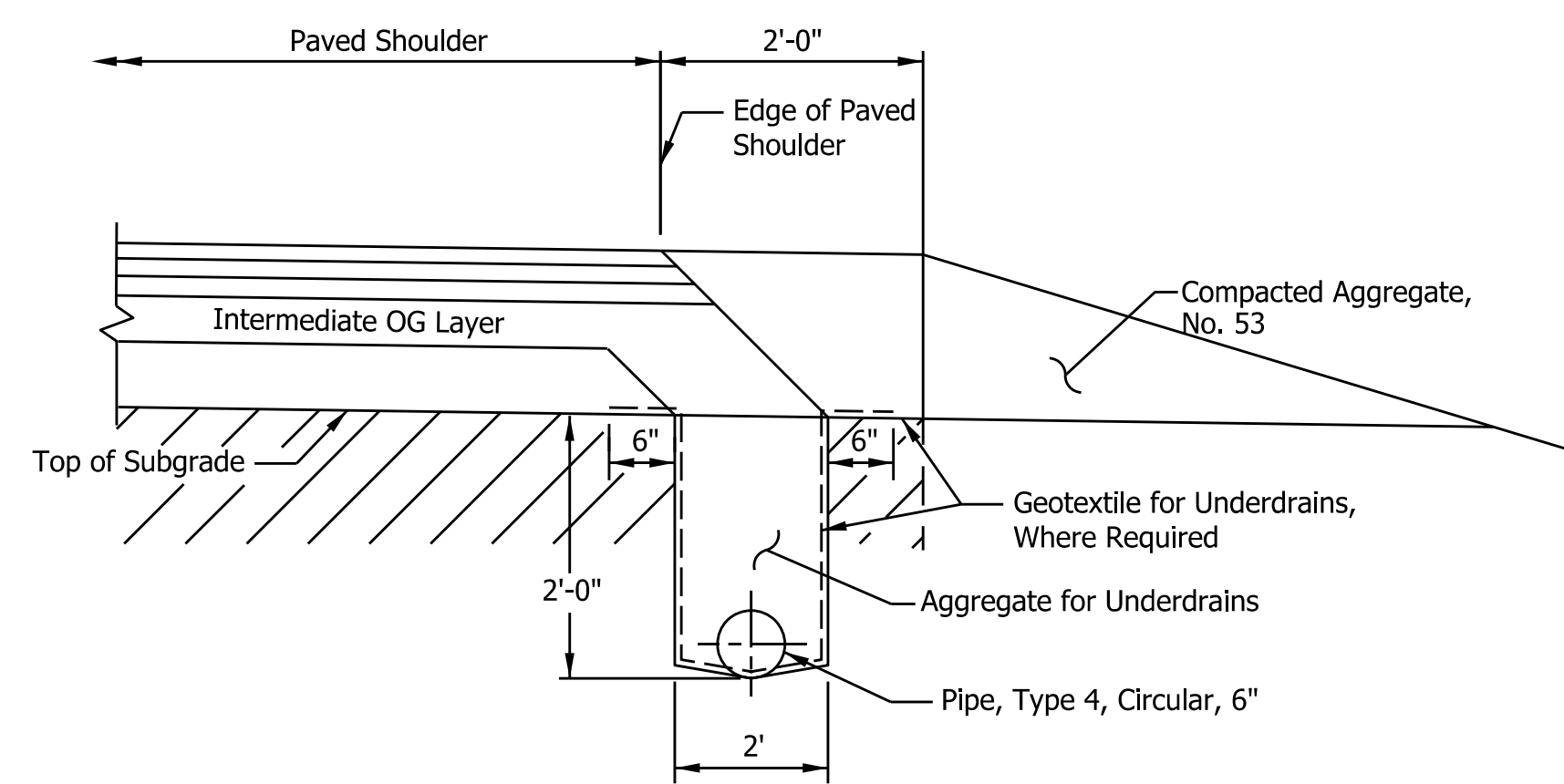
**SAFETY EDGE ON HMA PAVEMENT**



**GUARDRAIL DETAIL**

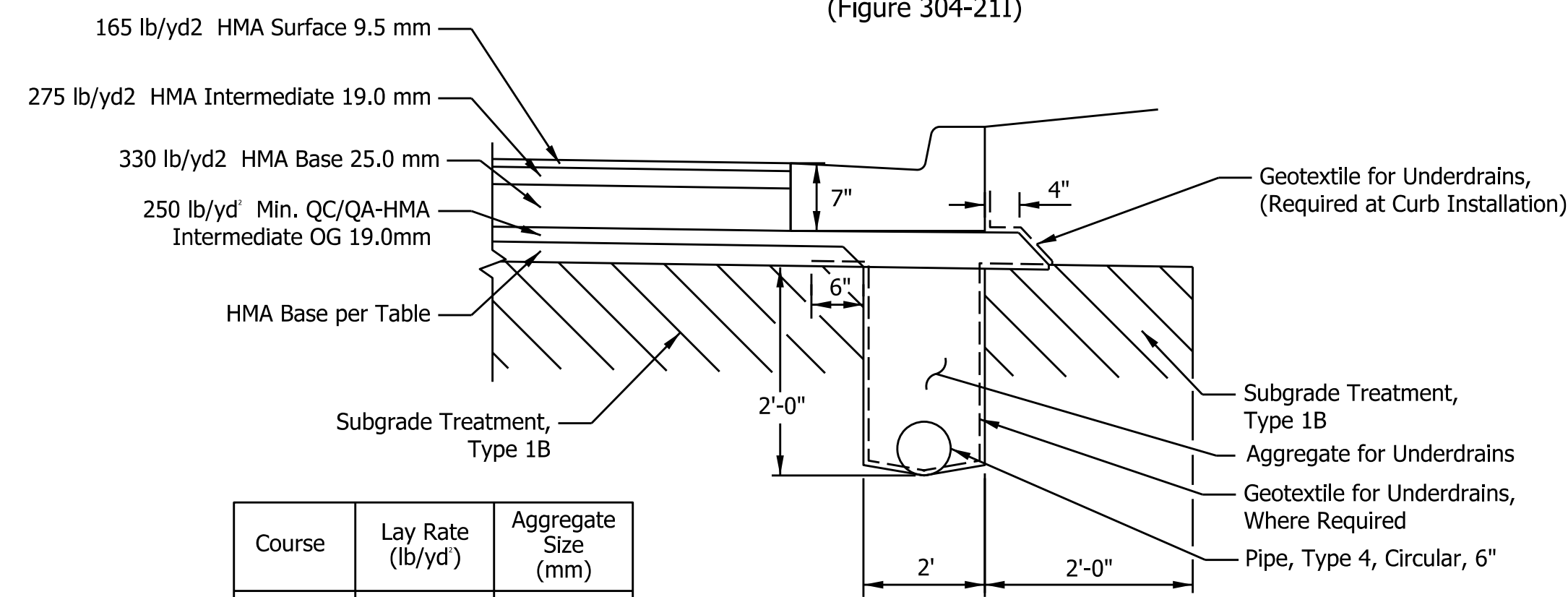
NOT TO SCALE

Sta. 117+00.70 to Sta. 118+13.19 RT.  
Sta. 117+00.70 to Sta. 117+53.41 LT.



**UNDERDRAIN FOR HMA PAVEMENT WITH FULL-DEPTH HMA SHOULDER**

(Figure 304-211)



**CONCRETE CURB AND GUTTER SECTION FOR HMA PAVEMENT WITH UNDERDRAIN**

(Figure 304-21K)

Course	Lay Rate (lb/yd)	Aggregate Size (mm)
Base	330	19.0
	385	19.0
	440	25.0
	495	25.0

**LEGEND**

- (K) 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON
- 275 #/SY QC/QA-HMA, 3, 70, INTERMEDIATE, 19.0 mm ON
- 330 #/SY QC/QA-HMA, 3, 64, BASE, 19.0 mm ON
- 250 #/SY QC/QA-HMA, 5, 76, INTERMEDIATE OG, 19.0 mm ON
- 330 #/SY QC/QA-HMA, 3, 64, BASE, 19.0 mm ON
- SUBGRADE TREATMENT, TYPE 1B
- (R) 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON
- 1.5" SURFACE MILLING, HMA (MIN.)
- (F1) CONCRETE SIDEWALK
- (J2) VAR. DEPTH, COMPACTED AGGREGATE FOR SHOULDER, NO. 53
- (U) 6" UNDERDRAIN
- [Hatched Box] SUBGRADE TREATMENT
- (15) MODIFIED COMBINED CONCRETE CURB & GUTTER
- (26) SODDING (NURSERY)
- (27) SEED MIXTURE, U

RECOMMENDED FOR APPROVAL \_\_\_\_\_  
DESIGN ENGINEER DATE

DESIGNED: MJS DRAWN: MJS

CHECKED: JRA CHECKED: JRA

**INDIANA DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

HORIZONTAL SCALE 1/8" = 1'-0"	BRIDGE FILE N/A	
VERTICAL SCALE	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. TS-03	SHEET NO. 5 of 141
CONTRACT R-39890	PROJECT 1600294	

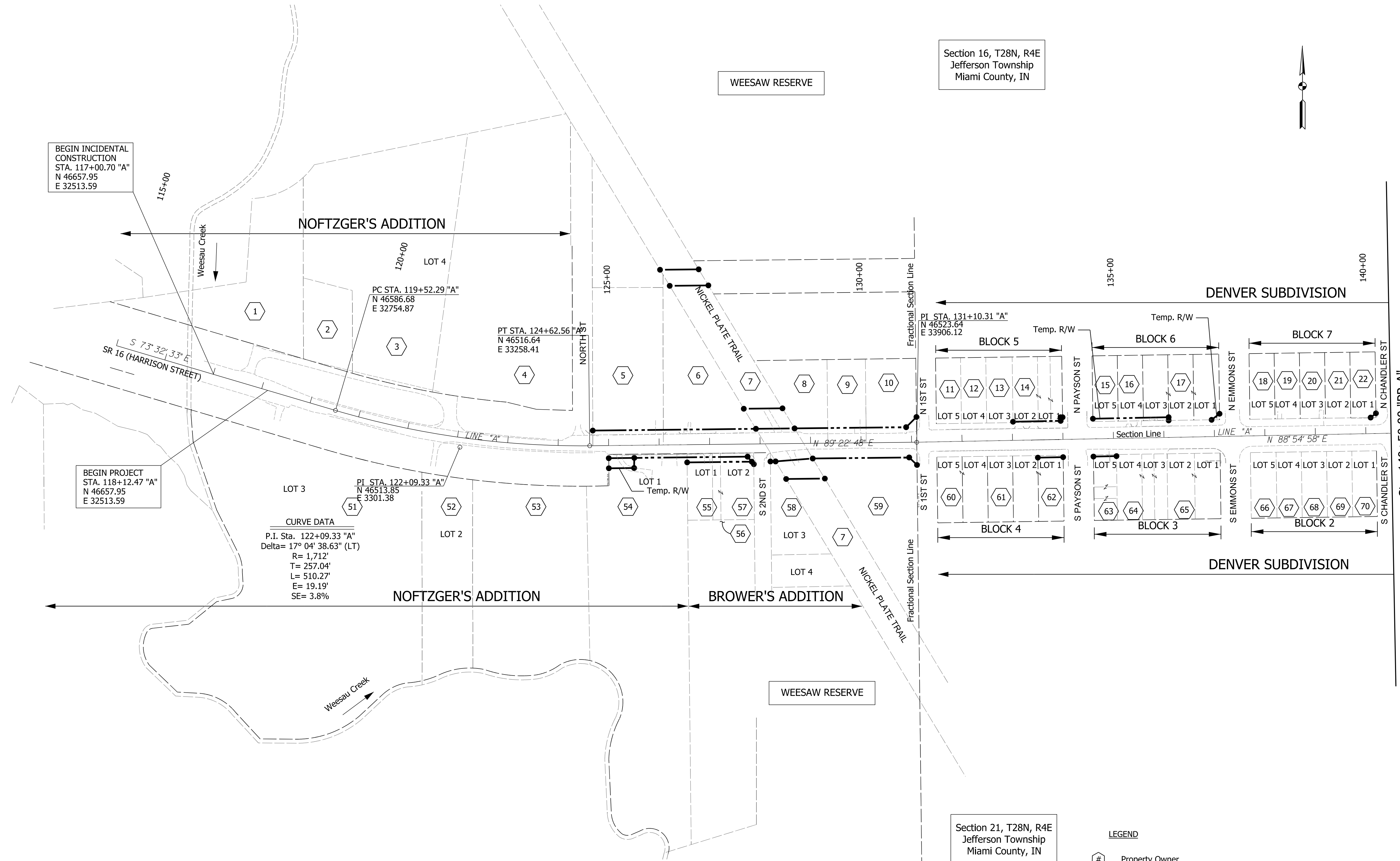
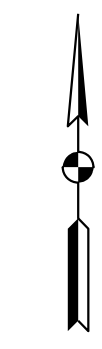
BEGIN INCIDENTAL CONSTRUCTION STA. 117+00.70 "A" N 46657.95 E 32513.59

BEGIN PROJECT STA. 118+12.47 "A" N 46657.95 E 32513.59

**CURVE DATA**  
 P.I. Sta. 122+09.33 "A"  
 Delta= 17° 04' 38.63" (LT)  
 R= 1,712'  
 T= 257.04'  
 L= 510.27'  
 E= 19.19'  
 SE= 3.8%

Section 16, T28N, R4E  
 Jefferson Township  
 Miami County, IN

Section 21, T28N, R4E  
 Jefferson Township  
 Miami County, IN



**LEGEND**  
 # Property Owner  
 Parcel Number

ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1" = 100'	
DESIGNED: MJS DRAWN: KSC	PLAT NO. 1 LINE "A"		VERTICAL SCALE	DESIGNATION
CHECKED: JMM CHECKED: JMM			1600294	
		SURVEY BOOK	DWG. NO.	SHEET NO.
		R-39890	PN1-01	6 of 141
		CONTRACT	PROJECT	
			1600294	

Section 16, T28N, R4E  
Jefferson Township  
Miami County, IN

Section 15, T28N, R4E  
Jefferson Township  
Miami County, IN

Section 21, T28N, R4E  
Jefferson Township  
Miami County, IN

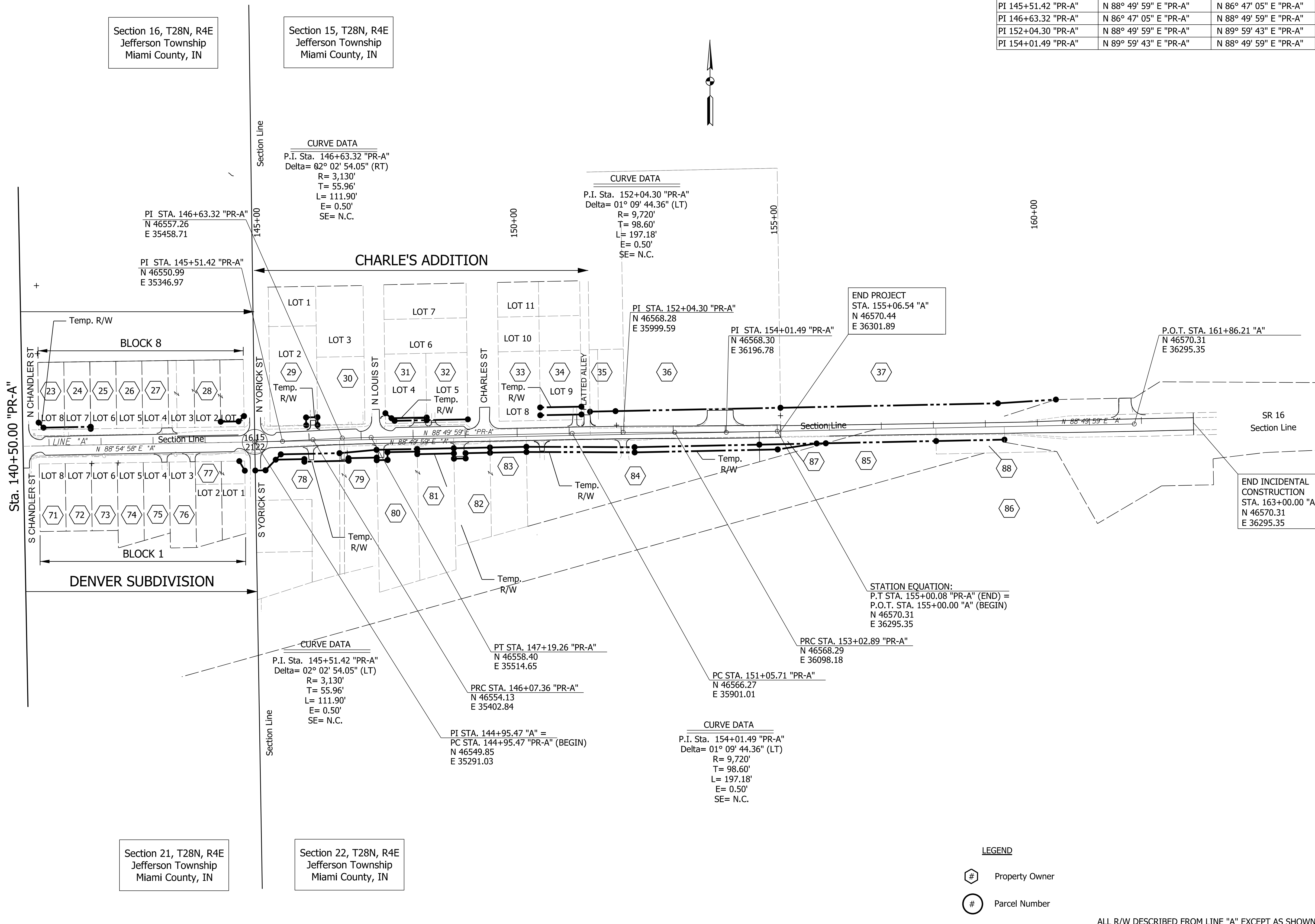
Section 22, T28N, R4E  
Jefferson Township  
Miami County, IN

**BEARING TABLE**

CURVE	BACK	AHEAD
PI 145+51.42 "PR-A"	N 88° 49' 59" E "PR-A"	N 86° 47' 05" E "PR-A"
PI 146+63.32 "PR-A"	N 86° 47' 05" E "PR-A"	N 88° 49' 59" E "PR-A"
PI 152+04.30 "PR-A"	N 88° 49' 59" E "PR-A"	N 89° 59' 43" E "PR-A"
PI 154+01.49 "PR-A"	N 89° 59' 43" E "PR-A"	N 88° 49' 59" E "PR-A"

**PLAT NO. 1 PROPERTY OWNER TABLE**

Section	Index No.	Owner
*	1	Mavrick, Michael A & Gerri
*	2	Mavrick, Michael A & Gerri
*	3	Raider, Fred A & Mary A
*	4	Raider, Fred A & Mary A
*	5	Fox, Thomas
*	6	Miami County
*	7	Nickel Plate Trail, Inc.
*	8	Hunt, Herbert Walter & Carolyn Sue
*	9	Hostetler, Kevin E & Hayley L
*	10	Kendall, Jason J & Heather M Kendall
16	11	Cole, Wayne
16	12	Imhoof, Max A & Diane H
16	13	Joseph, Johnny R
16	14	Sixbey, Maurice D
16	15	RMK Properties, LLC.
16	16	Robins, Jeffery Scott & Kimberly Sue
16	17	Trigg, Christopher J
16	18	Whiteside, James M & Donna L
16	19	Fuller, Stewart
16	20	Fuller, Durward L & Carrie L
16	21	Galbraith, Bret A
16	22	Hart, Phyllis A
16	23	Musselman, Donald G & Jean A
16	24	Wray, Terry E
16	25	Truex, Noble C
16	26	Truex, Noble C
16	27	Slusser, Wayne & Minnie L
16	28	Trustees Methodist Church Denver
15	29	Ashcraft, Wayne & Gladys V Trustees
15	30	Wright, Michael R & Rebecca S
15	31	Wood, Emerson L Et al
15	32	Cole, Wayne
15	33	Gray, Larry H & Rebecca S
15	34	Robins, Jeff & Rhonda
15	35	Robins, Jeff & Rhonda
15	36	Town Of Denver
15	37	Ceres Farms, Llc
	51	Rodriguez, Rhonda L
*	52	Rodriguez, Rhonda L
*	53	Rodriguez, Rhonda L
*	54	Voorhees, Randall L & Tamara
*	55	Voorhees, Randall L & Tamara
*	56	Brinker, David R
*	57	Voorhees, Tamara Dawn
*	58	Sailors, David Jr & Gollither, Melissa JTWR
*	59	Burkhardt, Steven E & Judy A
21	60	Vance, Aaron S
21	61	Maple, Michelle L.
21	62	Town Of Denver
21	63	Pattison, Chadd A
21	64	Robins, Richard & Barbara Jane
21	65	United Telephone Co Of Indiana
21	66	Mull, James A & Shirley A Family
21	67	Bapp, Carl And Jane
21	68	Shoemaker, Brent E
21	69	Stone, Shirley & James
21	70	Fox, Thomas R
21	71	See, David W And Sall C
21	72	Maple, Richard A & Bonnie J
21	73	127 East Harrison Street Land Trust
21	74	Fox, Thomas R.
21	75	Juliot, Jeremy B & Lisa M
21	76	Harden, Fredrick Duane & Romona Dawn
21	77	Fox, Thomas R & Judith A Houlihan
22	78	Holland, David L & Amy C
22	79	Engle, Robert V & Christy L
22	80	Malott, Anthony W. & Angela S.
22	81	Malott, Anthony W. & Angela S.
22	82	Cole, Wayne
22	83	Cole, Wayne
22	84	Mosley, Tammy A
22	85	State Of Indiana, Department of Natural Resources
22	86	Yoder, William F
22	87	Unknown
22	88	Unknown



STATION EQUATION:  
P.T STA. 155+00.08 "PR-A" (END) =  
P.O.T. STA. 155+00.00 "A" (BEGIN)  
N 46570.31  
E 36295.35

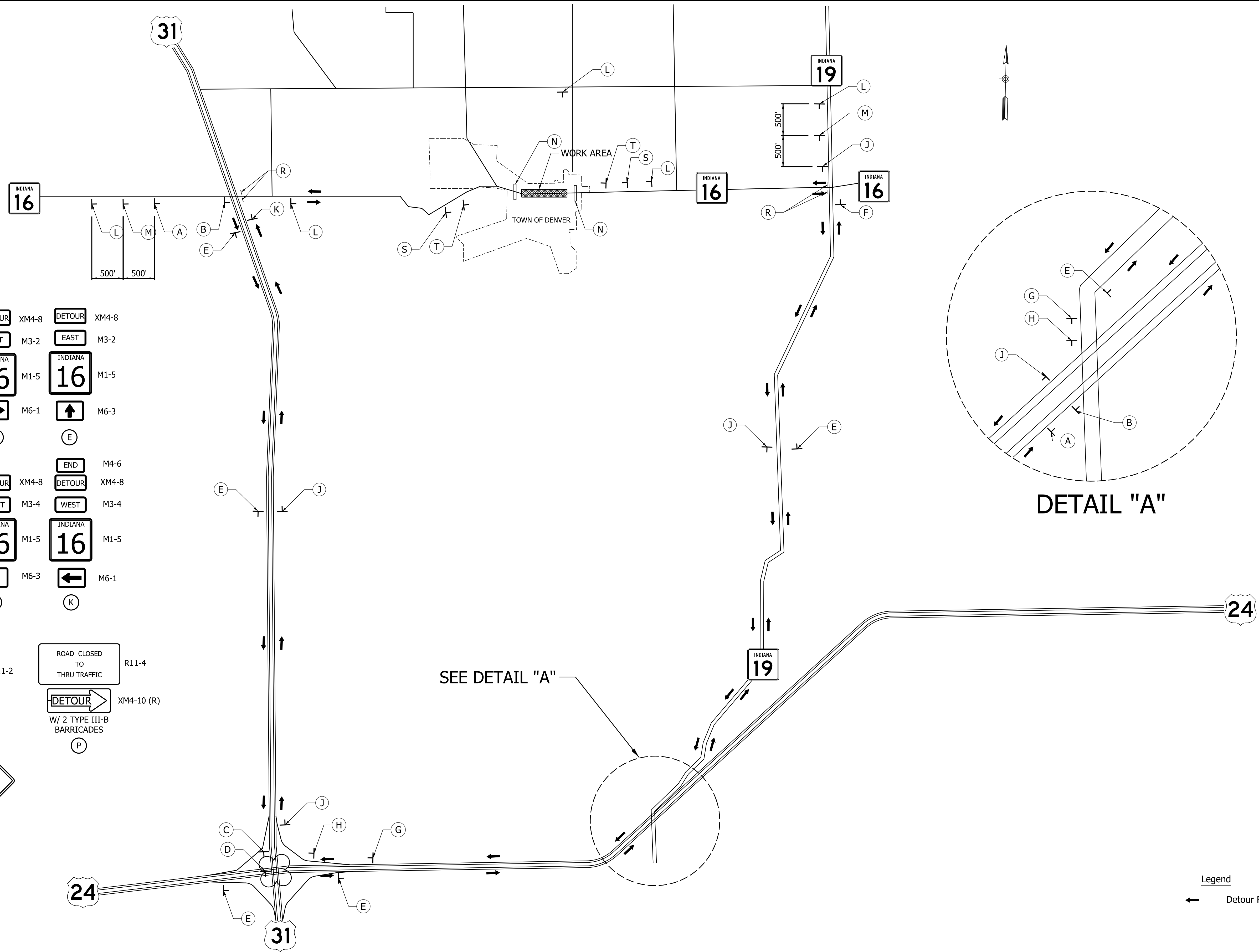
**LEGEND**  
 Property Owner  
 Parcel Number

ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.  
\* Weesaw Reserve

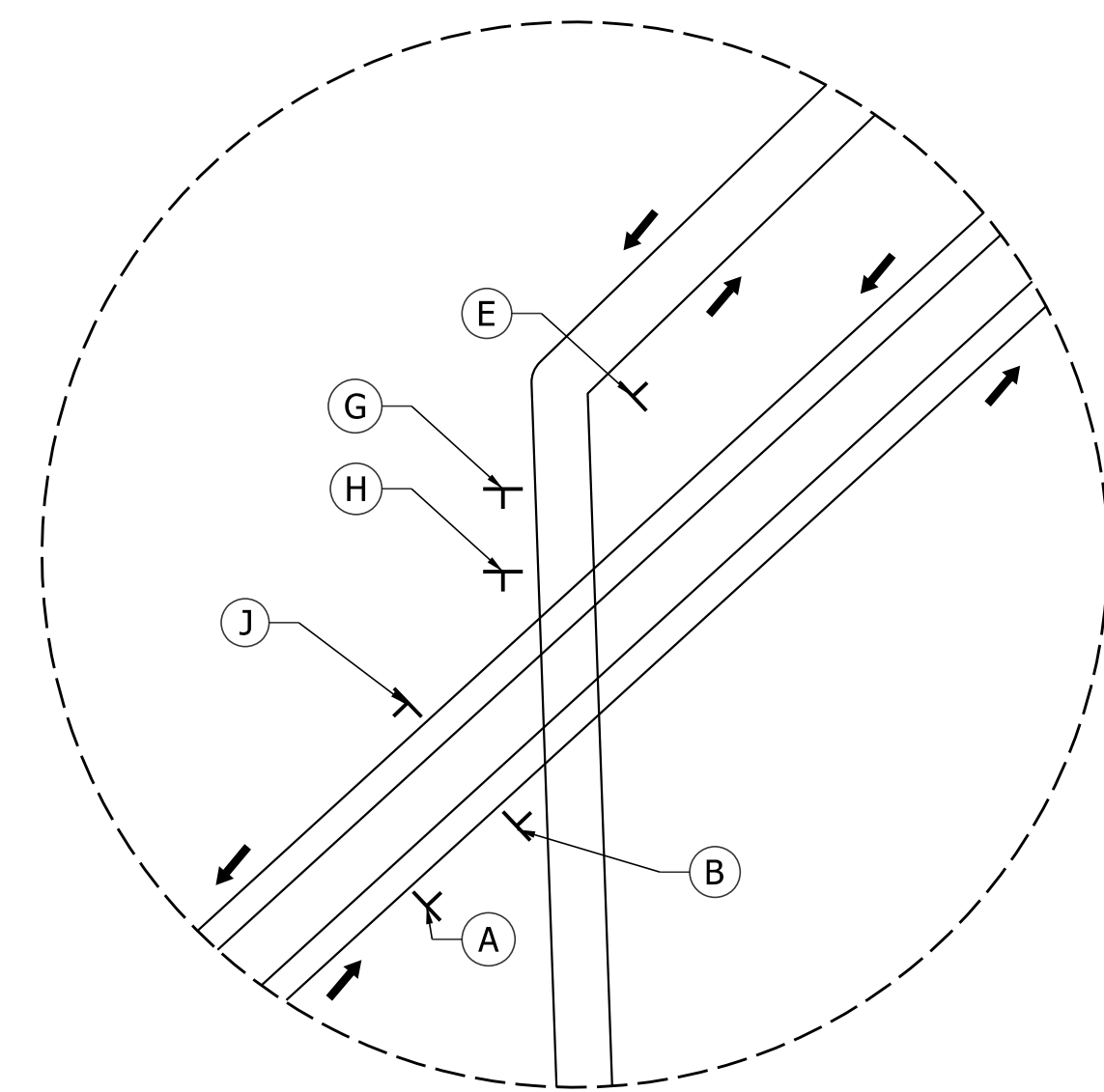
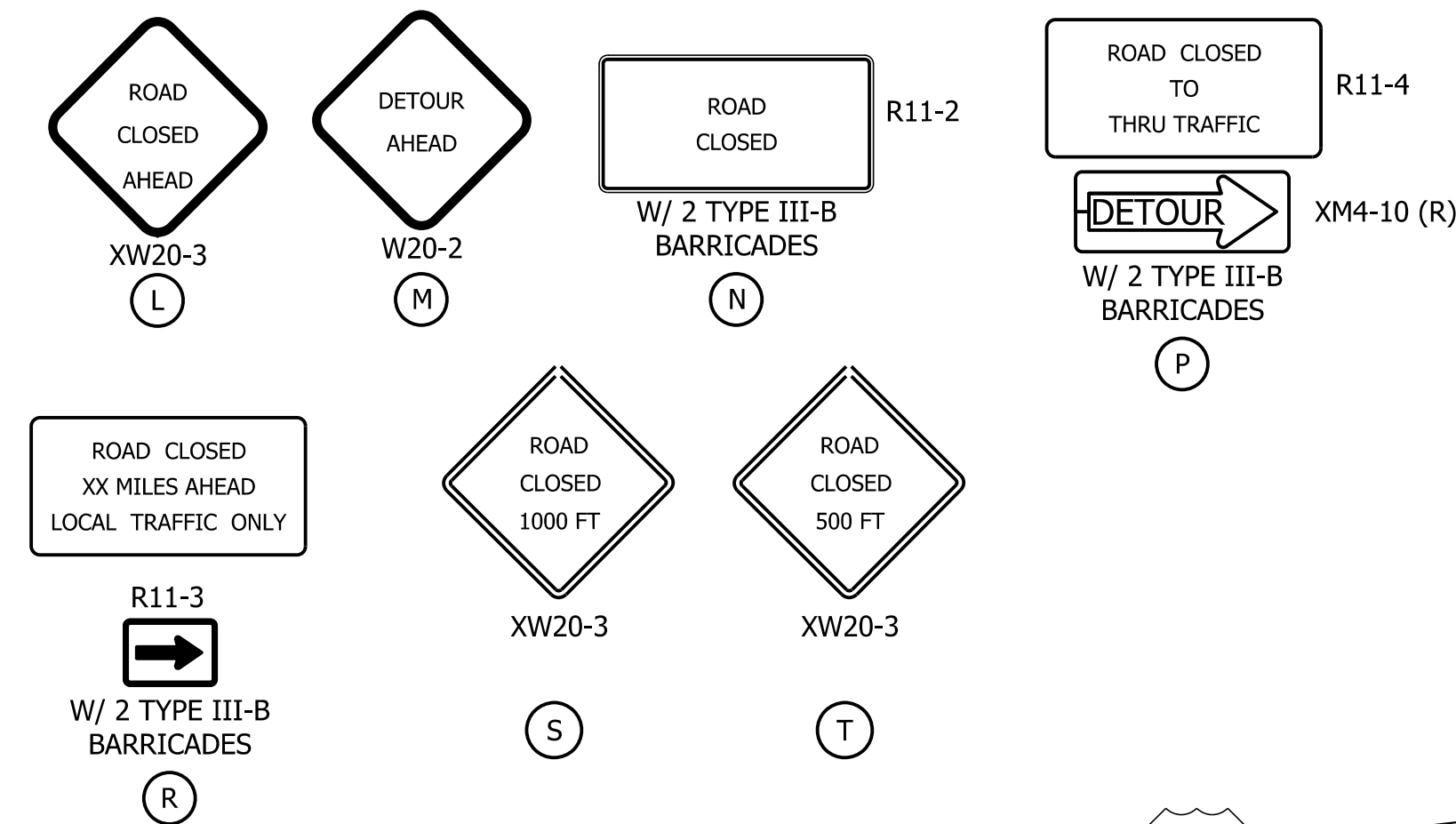
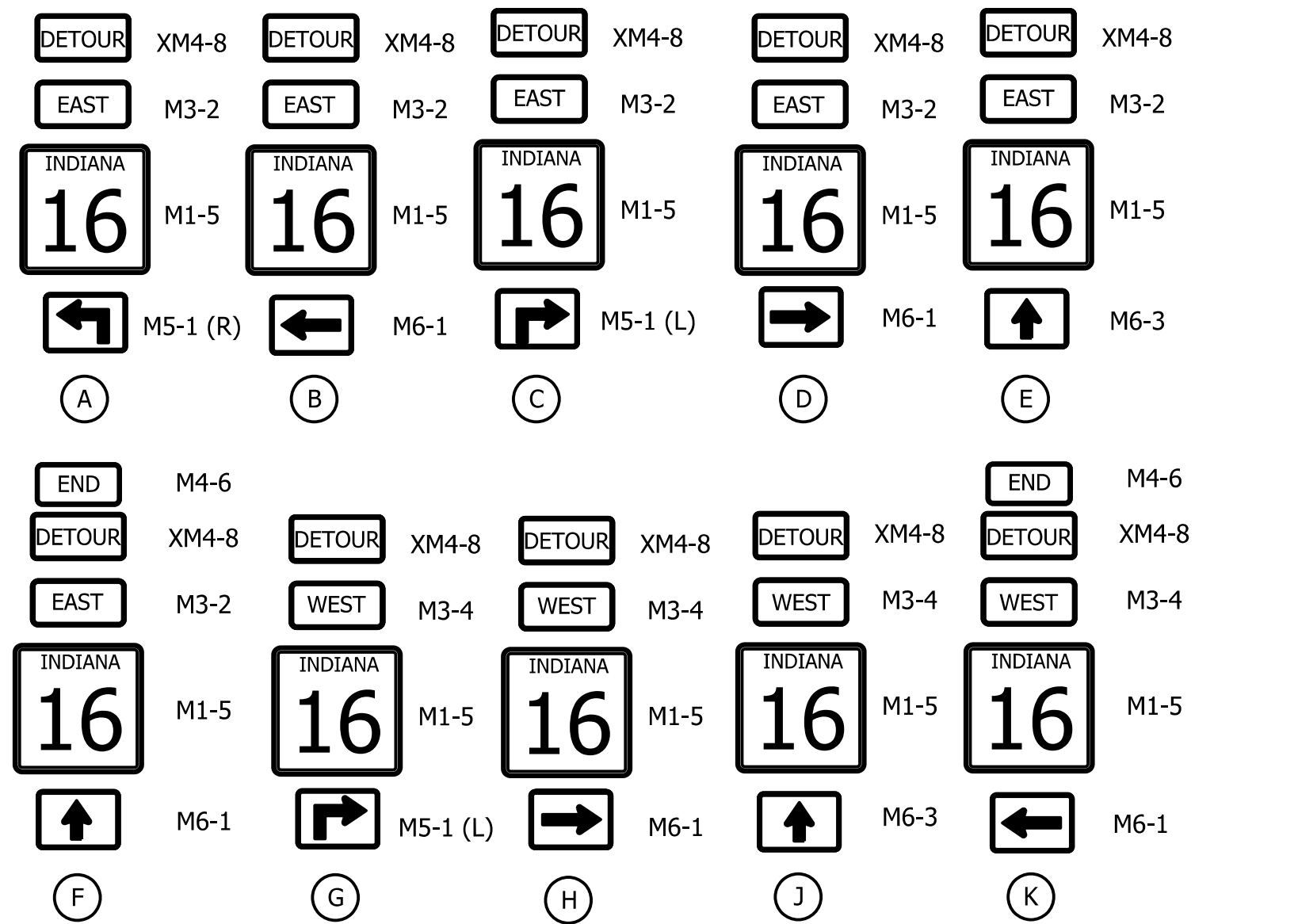
7/9/2020 2:01:36 PM  
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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>	HORIZONTAL SCALE 1" = 100' BRIDGE FILE VERTICAL SCALE DESIGNATION 1600294
DESIGNED: MJS      DRAWN: KSC CHECKED: JMM      CHECKED: JMM	<b>PLAT NO. 1 LINE "PR-A"</b>	SURVEY BOOK CONTRACT R-39890 DWG. NO. PN1-02 SHEET NO. 7 of 141 PROJECT 1600294

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**Legend**



SEE DETAIL "A"

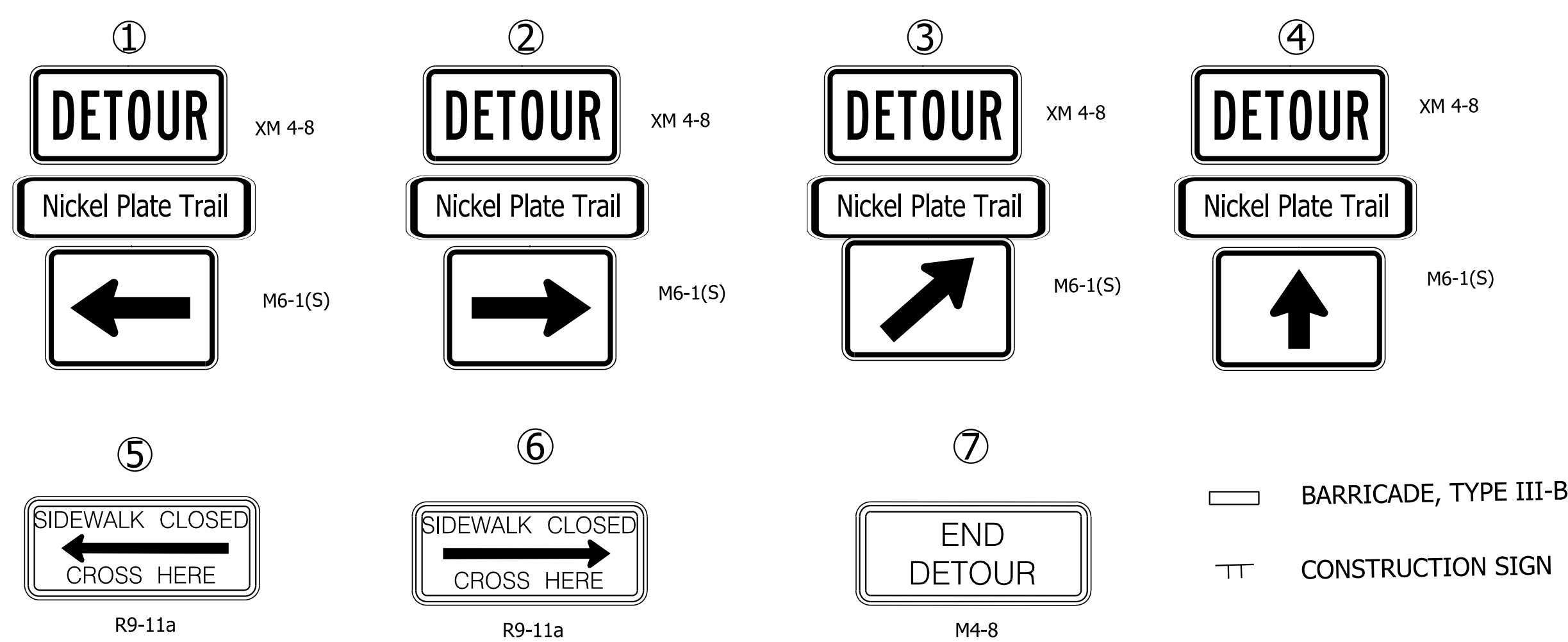
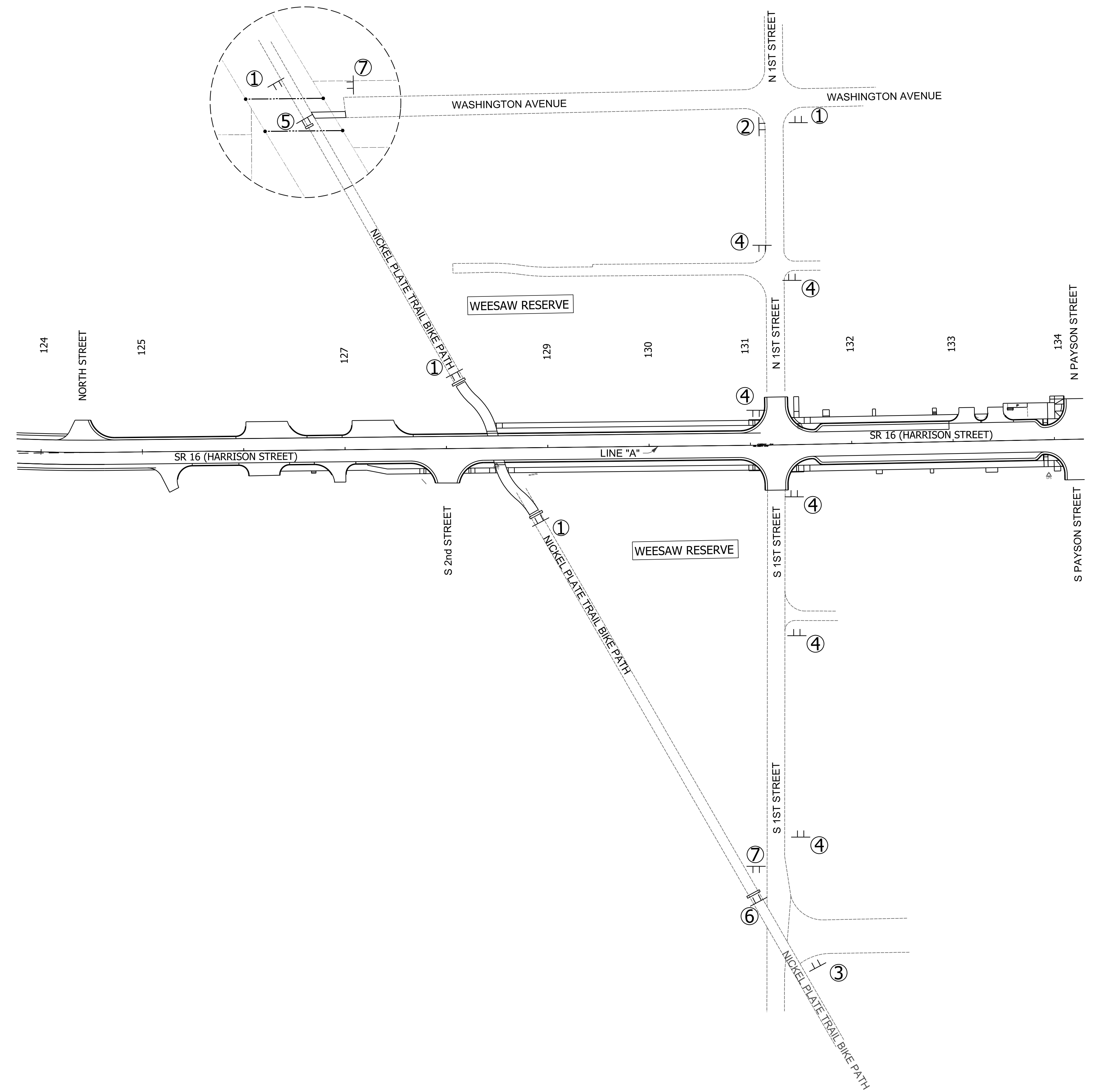
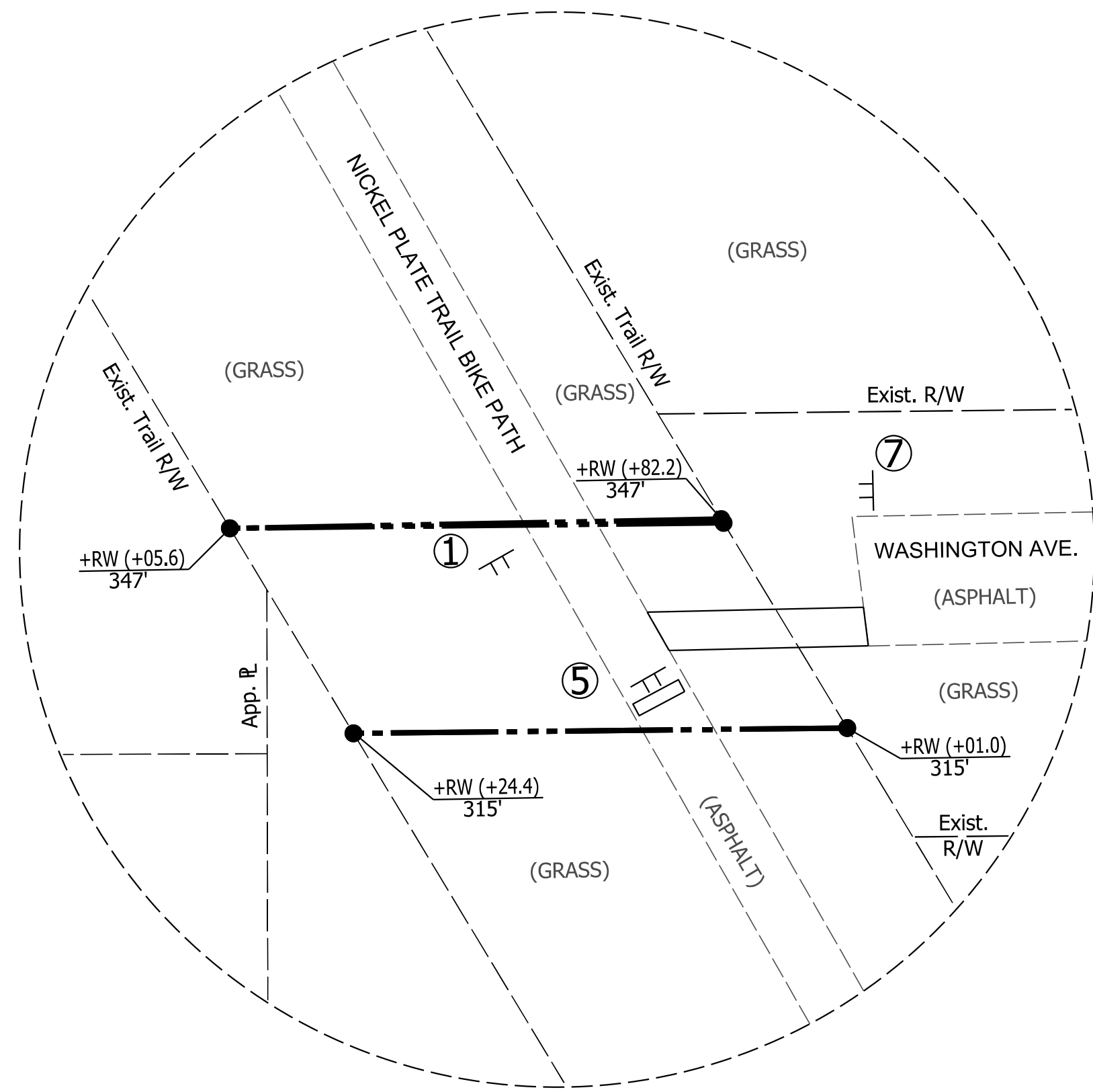
Legend  
 ← Detour Route

RECOMMENDED FOR APPROVAL _____	
DESIGNED: MJS	DRAWN: MJS
CHECKED: JRA	CHECKED: JRA

INDIANA DEPARTMENT OF TRANSPORTATION	
MAINTENANCE OF TRAFFIC DETOUR ROUTE	

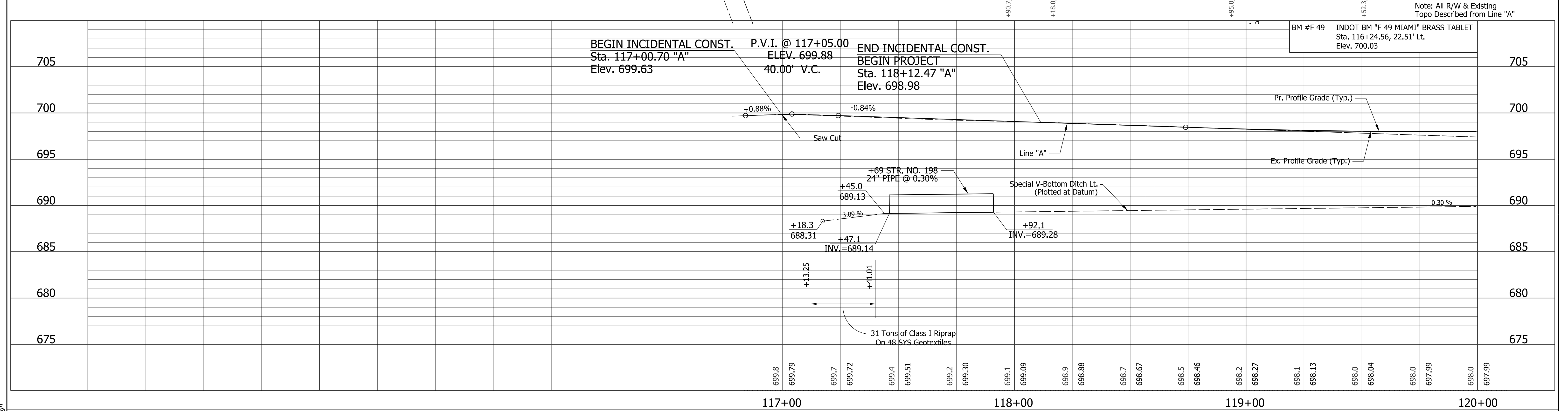
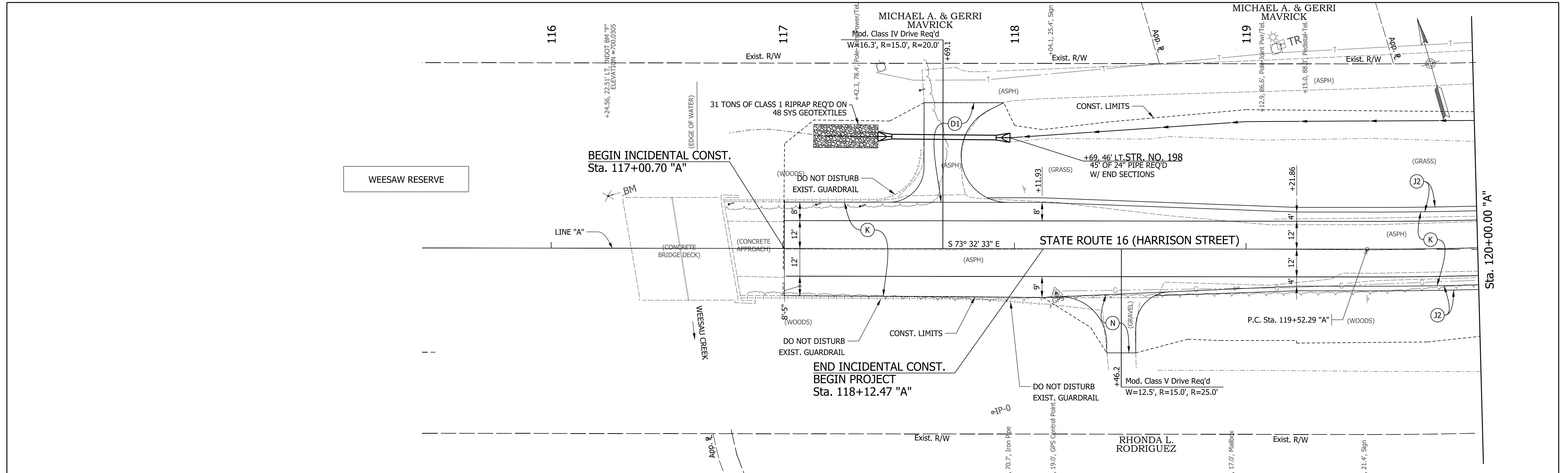
HORIZONTAL SCALE	BRIDGE FILE	
N.T.S.		
VERTICAL SCALE	DESIGNATION	
N.T.S.	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	MT-01	8 of 141
CONTRACT	PROJECT	
R-39890	1600294	





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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE		<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>		HORIZONTAL SCALE 1" = 60'		BRIDGE FILE N/A	
DESIGNED: MJS	DRAWN: MJS			VERTICAL SCALE N/A		DESIGNATION 1600294	
CHECKED: JMM	CHECKED: JMM	<b>MAINTENANCE OF TRAFFIC PEDESTRIAN DETOUR ROUTE (NICKEL PLATE TRAIL)</b>		SURVEY BOOK N/A		DWG. NO. SHEET NO. MT-02 9 of 141	
				CONTRACT R-39890		PROJECT 1600294	



LEGEND		INDIANA DEPARTMENT OF TRANSPORTATION	
(K) FULL DEPTH HMA	(D1) HMA FOR APPROACHES: 165 #/SY HMA SURFACE TYPE B ON 275 #/SY HMA INTERMEDIATE TYPE B ON 880 #/SY HMA BASE, TYPE B ON SUBGRADE TREATMENT TYPE II	(C1) 6" PCCP FOR APPROACH ON SUBGRADE TREATMENT TYPE II	(F1) CONCRETE SIDEWALK
(A) FULL DEPTH HMA FOR APPROACHES	(D2) HMA FOR APPROACHES: 165 #/SY HMA SURFACE TYPE B ON 385 #/SY HMA INTERMEDIATE TYPE B ON SUBGRADE TREATMENT TYPE II	(C2) 9" PCCP FOR APPROACH ON SUBGRADE TREATMENT, TYPE II	(F2) HMA FOR SIDEWALK
(J2) VAR. DEPTH, COMPACTED AGGREGATE FOR SHOULDER, NO. 53	(N) FOR APPROACHES: 5 IN. COMPACTED AGGREGATE FOR SURFACE, NO. 53	(1) REMOVE	(10) SAW CUT
(R) HMA FOR RESURFACING 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON 1.5" SURFACE MILLING, HMA (MIN.)		(13) CONCRETE CURB	(15) MODIFIED COMBINED CONCRETE CURB AND GUTTER
			(16) CONCRETE GUTTER
			(26) SODDING (NURSERY)
			(TG) TEMP. RIGHT-OF-WAY FOR GRADING
			(TD) TEMP. RIGHT-OF-WAY FOR DRIVEWAY

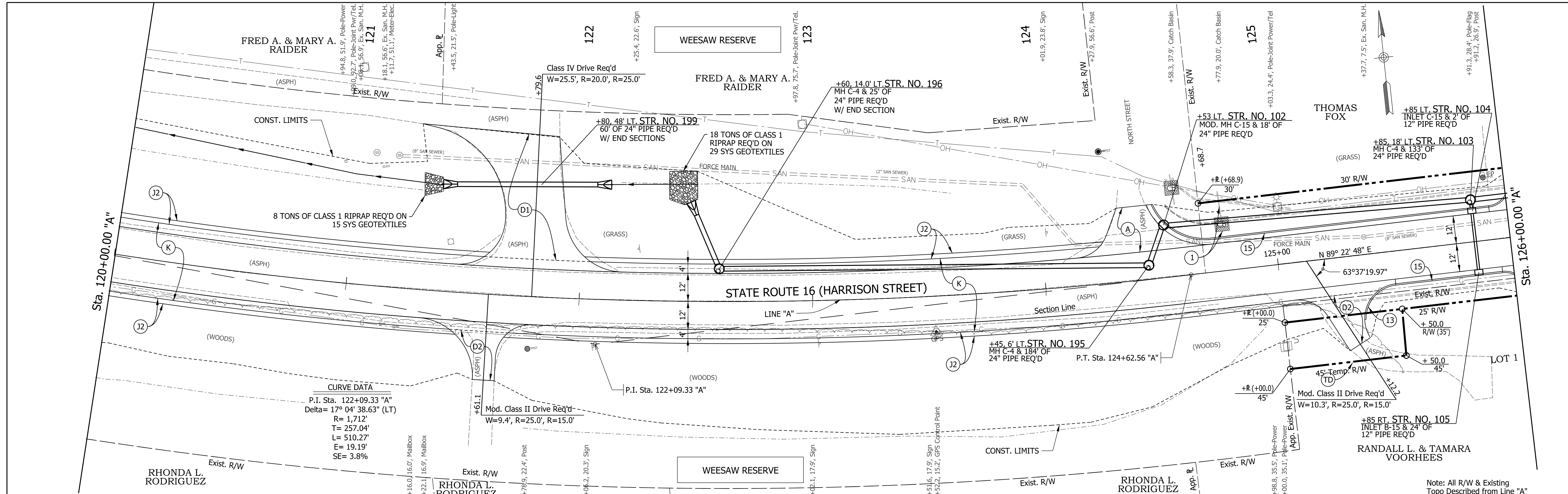
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Note: All R/W & Existing Topo Described from Line "A"

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: KSC	
CHECKED: JMM	CHECKED: JMM	

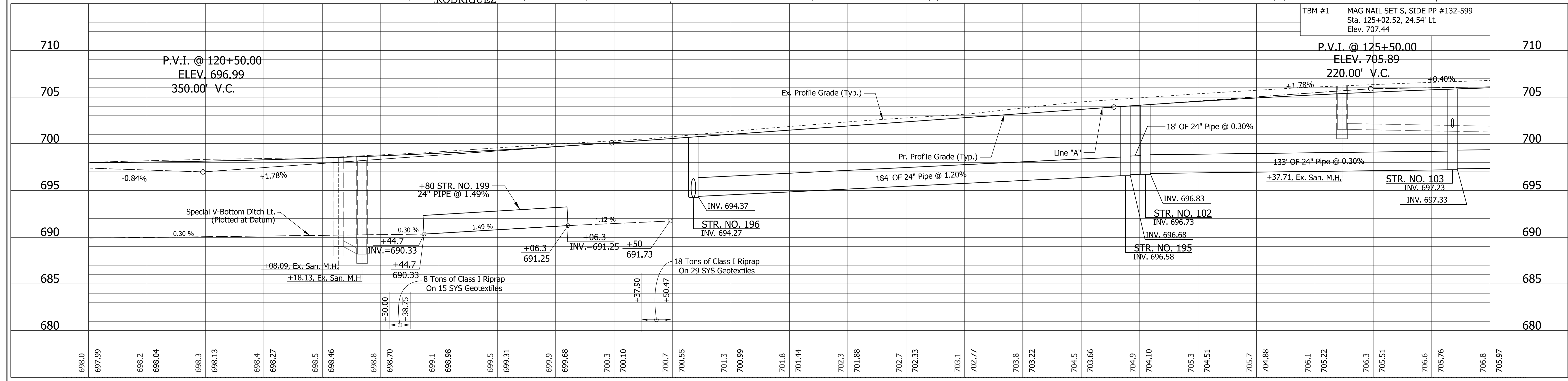
HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'	N/A	
VERTICAL SCALE	DESIGNATION	
1" = 5'	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PP-01	10 of 141
CONTRACT	PROJECT	
R-39890	1600294	

STREET APPROACH REQ'D, LT.  
STA. 124+39.9 LINE "A" W=13.0', R=15.0', R=25.0'



**CURVE DATA**  
P.I. Sta. 122+09.33 "A"  
Delta= 17° 04' 38.63" (LT)  
R= 1,712'  
T= 257.04'  
L= 510.27'  
E= 19.19'  
SE= 3.8%

Note: All R/W & Existing Topo Described from Line "A"



698.0	697.99	698.2	698.04	698.3	698.13	698.4	698.27	698.5	698.46	698.8	698.70	699.1	698.98	699.5	699.31	699.9	699.68	700.3	700.10	700.7	700.55	701.3	700.99	701.8	701.44	702.3	701.88	702.7	702.33	703.1	702.77	703.8	703.22	704.5	703.66	704.9	704.10	705.3	704.51	705.7	704.88	706.1	705.22	706.3	705.51	706.6	705.76	706.8	705.97																						
120+00												121+00										122+00										123+00										124+00										125+00										126+00									

- LEGEND**
- (K) FULL DEPTH HMA
  - (A) FULL DEPTH HMA FOR APPROACHES
  - (J2) VAR. DEPTH, COMPACTED AGGREGATE FOR SHOULDER, NO. 53
  - (R) HMA FOR RESURFACING 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON 1.5" SURFACE MILLING, HMA (MIN.)
  - (D1) HMA FOR APPROACHES: 165 #/SY HMA SURFACE TYPE B ON 275 #/SY HMA INTERMEDIATE TYPE B ON 880 #/SY HMA BASE, TYPE B ON SUBGRADE TREATMENT TYPE II
  - (D2) HMA FOR APPROACHES: 165 #/SY HMA SURFACE TYPE B ON 385 #/SY HMA INTERMEDIATE TYPE B ON SUBGRADE TREATMENT TYPE II
  - (C1) 6" PCCP FOR APPROACH ON SUBGRADE TREATMENT TYPE II
  - (C2) 9" PCCP FOR APPROACH ON SUBGRADE TREATMENT, TYPE II
  - (N) FOR APPROACHES: 5 IN. COMPACTED AGGREGATE FOR SURFACE, NO. 53
  - (F1) CONCRETE SIDEWALK
  - (F2) HMA FOR SIDEWALK:
  - (1) REMOVE
  - (10) SAW CUT
  - (13) CONCRETE CURB
  - (15) MODIFIED COMBINED CONCRETE CURB AND GUTTER
  - (16) CONCRETE GUTTER
  - (26) SODDING (NURSERY)
  - (TG) TEMP. RIGHT-OF-WAY FOR GRADING
  - (TD) TEMP. RIGHT-OF-WAY FOR DRIVEWAY

RECOMMENDED FOR APPROVAL \_\_\_\_\_

DESIGN ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

DESIGNED: MJS DRAWN: KSC

CHECKED: JMM CHECKED: JMM

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE**  
**STA. 120+00 "A" TO STA. 126+00 "A"**

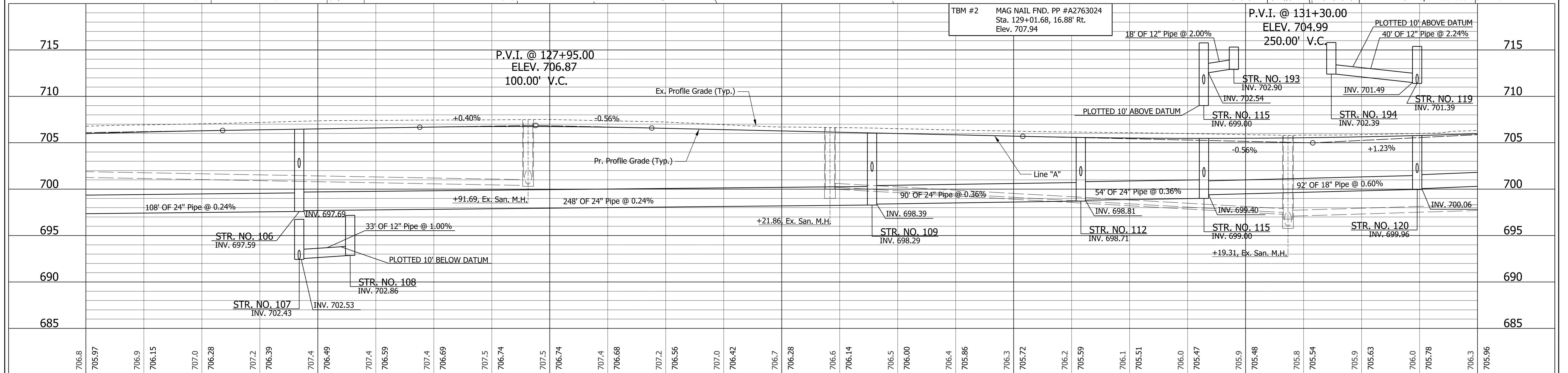
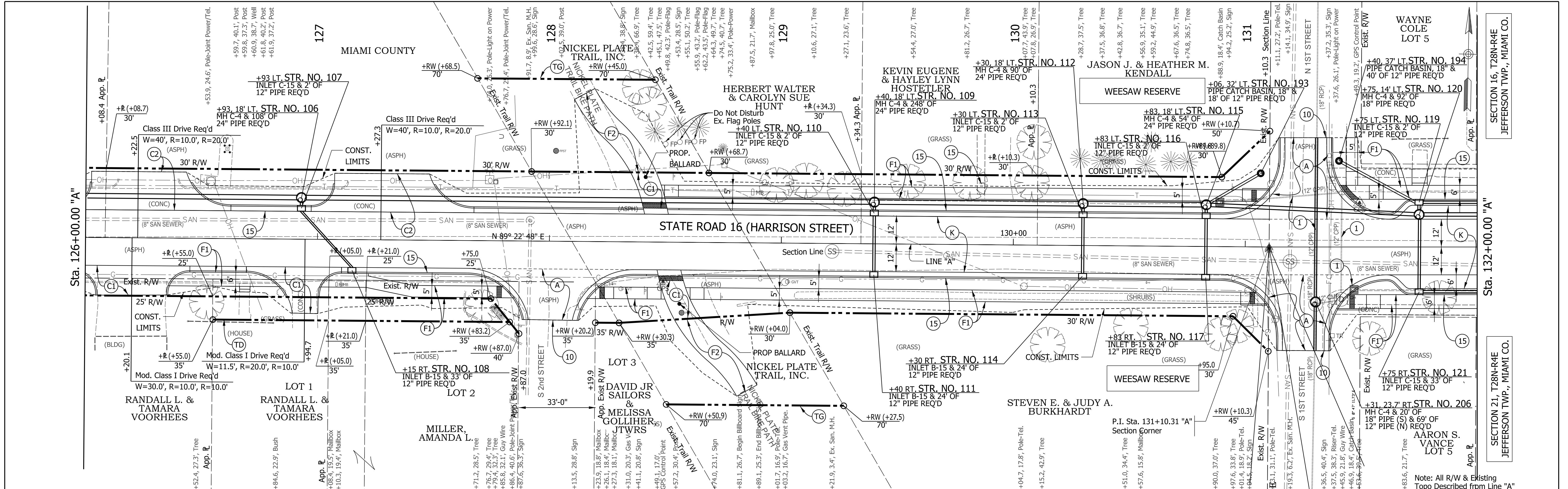
HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294
SURVEY BOOK	DWG. NO. PP-02
	SHEET NO. 11 of 141
CONTRACT R-39890	PROJECT 1600294

User: smilhm 2/9/2020 P:\PH55374\CD\CD\PP-02.dgn

STREET APPROACH REQ'D, RT.  
STA. 128+00.3 LINE "A" W=19.0', R=25.0', R=25.0'

STREET APPROACH REQ'D, LT.  
STA. 131+26.2 LINE "A" W=18.0', R=25.0', R=25.0'

STREET APPROACH REQ'D, RT.  
STA. 131+25.0 LINE "A" W=18.0', R=25.0', R=25.0'

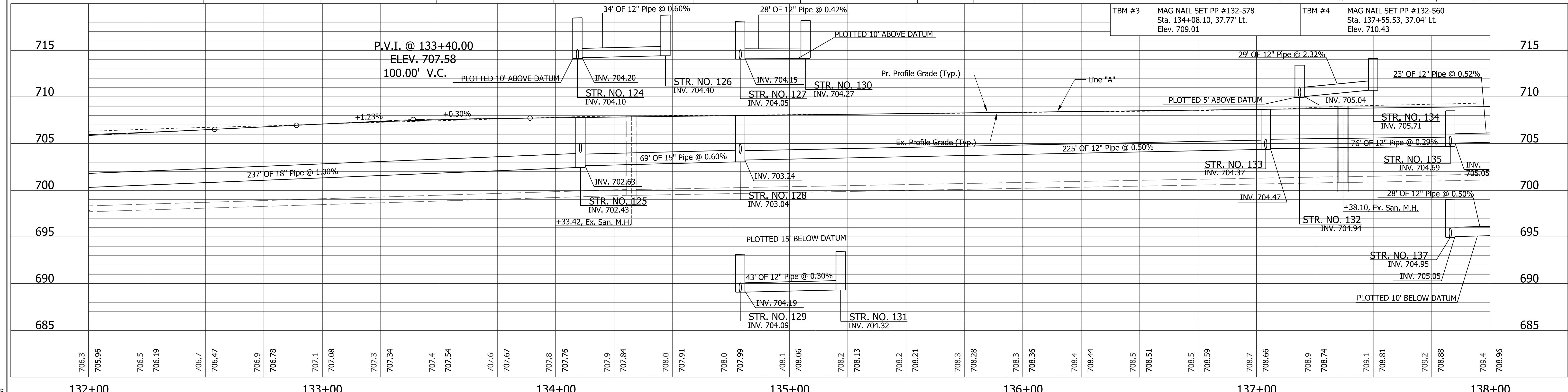
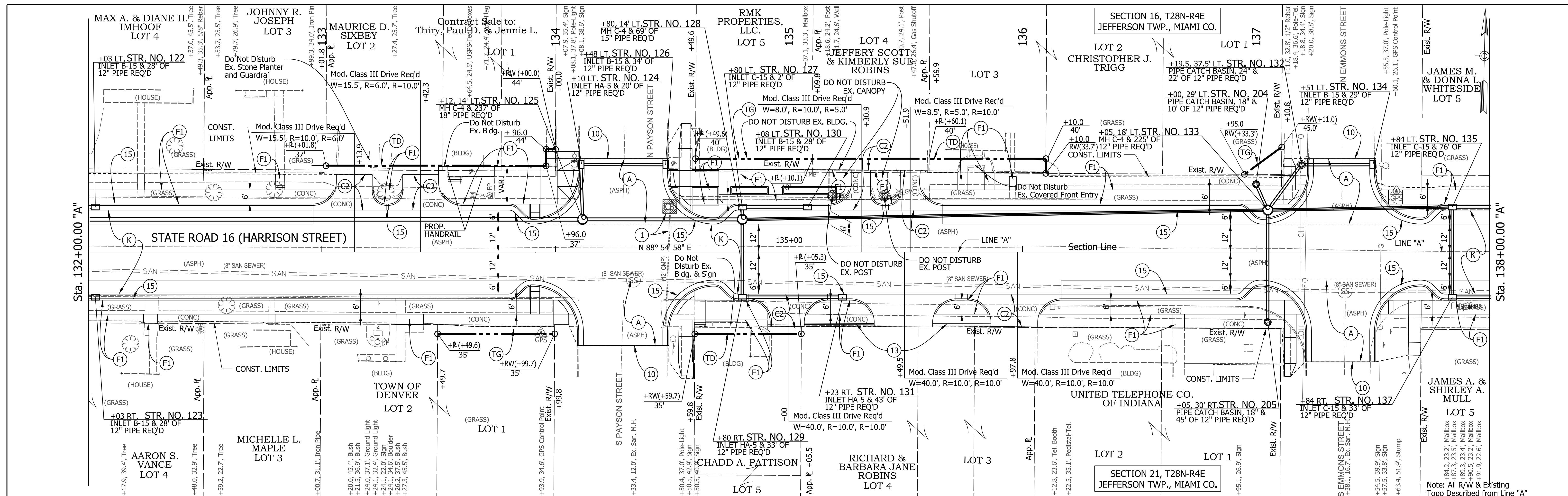


<p><b>LEGEND</b></p> <p>(K) FULL DEPTH HMA</p> <p>(A) FULL DEPTH HMA FOR APPROACHES</p> <p>(J2) VAR. DEPTH, COMPACTED AGGREGATE FOR SHOULDER, NO. 53</p> <p>(R) HMA FOR RESURFACING 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON 1.5" SURFACE MILLING, HMA (MIN.)</p> <p>(D1) HMA FOR APPROACHES: 165 #/SY HMA SURFACE TYPE B ON 275 #/SY HMA INTERMEDIATE TYPE B ON 880 #/SY HMA BASE, TYPE B ON SUBGRADE TREATMENT TYPE II</p> <p>(D2) HMA FOR APPROACHES: 165 #/SY HMA SURFACE TYPE B ON 385 #/SY HMA INTERMEDIATE TYPE B ON SUBGRADE TREATMENT TYPE II</p> <p>(C1) 6" PCCP FOR APPROACH ON SUBGRADE TREATMENT TYPE II</p> <p>(C2) 9" PCCP FOR APPROACH ON SUBGRADE TREATMENT, TYPE II</p> <p>(N) FOR APPROACHES: 5 IN. COMPACTED AGGREGATE FOR SURFACE, NO. 53</p> <p>(F1) CONCRETE SIDEWALK</p> <p>(F2) HMA FOR SIDEWALK:</p> <p>(1) REMOVE</p> <p>(10) SAW CUT</p> <p>(13) CONCRETE CURB</p> <p>(15) MODIFIED COMBINED CONCRETE CURB AND GUTTER</p> <p>(16) CONCRETE GUTTER</p> <p>(26) SODDING (NURSERY)</p> <p>(TG) TEMP. RIGHT-OF-WAY FOR GRADING</p> <p>(TD) TEMP. RIGHT-OF-WAY FOR DRIVEWAY</p>	<p>RECOMMENDED FOR APPROVAL</p> <p>DESIGNED: MJS      DRAWN: KSC</p> <p>CHECKED: JMM      CHECKED: JMM</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>PLAN &amp; PROFILE</p> <p>STA. 126+00 "A" TO STA. 132+00 "A"</p>	<p>HORIZONTAL SCALE 1" = 20'</p> <p>VERTICAL SCALE 1" = 5'</p> <p>SURVEY BOOK</p> <p>CONTRACT R-39890</p> <p>BRIDGE FILE N/A</p> <p>DESIGNATION 1600294</p> <p>DWG. NO. PP-03</p> <p>SHEET NO. 12 of 141</p> <p>PROJECT 1600294</p>
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STREET APPROACH REQ'D, LT. STA. 134+29.2 LINE "A" W=34.0', R=20.0', R=20.0'  
 STREET APPROACH REQ'D, RT. STA. 134+29.0 LINE "A" W=34.0', R=20.0', R=20.0'

STREET APPROACH REQ'D, LT. STA. 137+36.6 LINE "A" W=24.0', R=20.0', R=20.0'  
 STREET APPROACH REQ'D, RT. STA. 137+36.2 LINE "A" W=25.0', R=20.0', R=20.0'

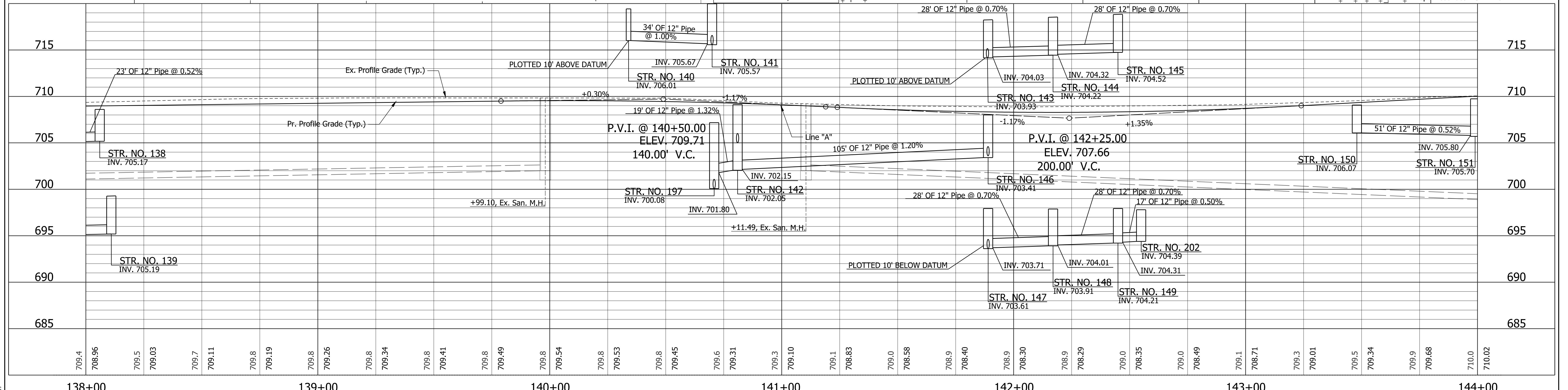
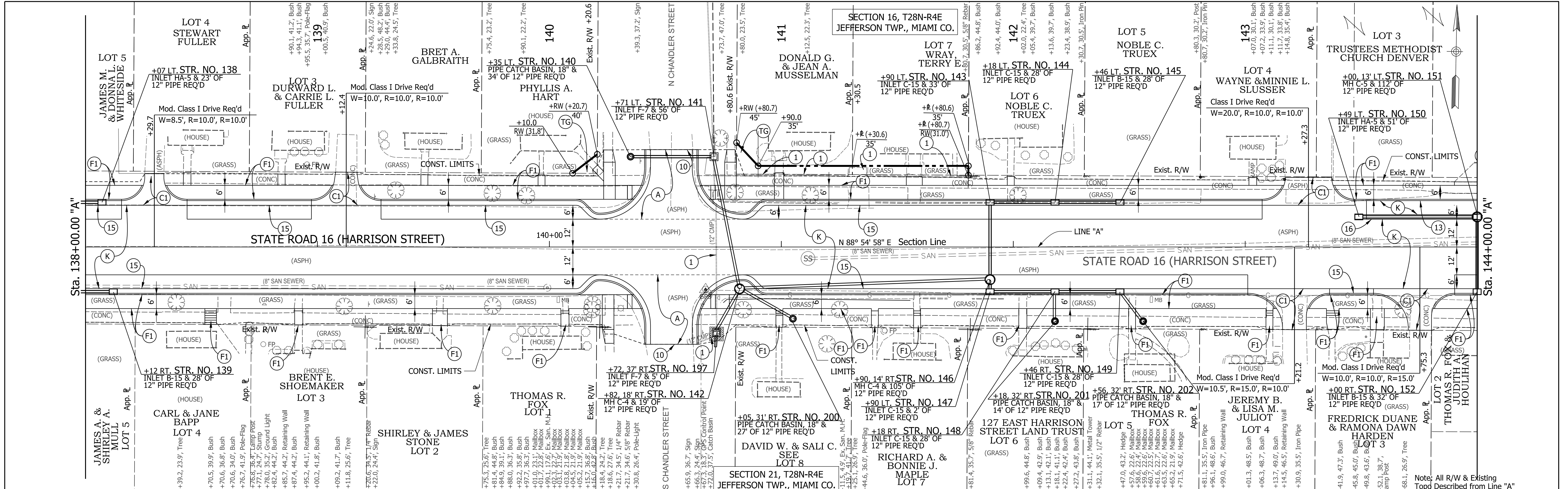


<p><b>LEGEND</b></p> <p>(K) FULL DEPTH HMA FOR APPROACHES</p> <p>(A) FULL DEPTH HMA FOR APPROACHES</p> <p>(J2) VAR. DEPTH, COMPACTED AGGREGATE FOR SHOULDER, NO. 53</p> <p>(R) HMA FOR RESURFACING 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON 1.5" SURFACE MILLING, HMA (MIN.)</p> <p>(D1) HMA FOR APPROACHES: 165 #/SY HMA SURFACE TYPE B ON 275 #/SY HMA INTERMEDIATE TYPE B ON 880 #/SY HMA BASE, TYPE B ON SUBGRADE TREATMENT TYPE II</p> <p>(D2) HMA FOR APPROACHES: 165 #/SY HMA SURFACE TYPE B ON 385 #/SY HMA INTERMEDIATE TYPE B ON SUBGRADE TREATMENT TYPE II</p> <p>(C1) 6" PCPP FOR APPROACH ON SUBGRADE TREATMENT TYPE II</p> <p>(C2) 9" PCPP FOR APPROACH ON SUBGRADE TREATMENT, TYPE II</p> <p>(N) FOR APPROACHES: 5 IN. COMPACTED AGGREGATE FOR SURFACE, NO. 53</p> <p>(F1) CONCRETE SIDEWALK</p> <p>(F2) HMA FOR SIDEWALK:</p> <p>(1) REMOVE</p> <p>(10) SAW CUT</p> <p>(13) CONCRETE CURB</p> <p>(15) MODIFIED COMBINED CONCRETE CURB AND GUTTER</p> <p>(16) CONCRETE GUTTER</p> <p>(26) SODDING (NURSERY)</p> <p>(TG) TEMP. RIGHT-OF-WAY FOR GRADING</p> <p>(TD) TEMP. RIGHT-OF-WAY FOR DRIVEWAY</p>	<p>RECOMMENDED FOR APPROVAL _____</p> <p>DESIGNED: MJS DRAWN: KSC</p> <p>CHECKED: JMM CHECKED: JMM</p>	<p><b>INDIANA</b></p> <p><b>DEPARTMENT OF TRANSPORTATION</b></p> <p><b>PLAN &amp; PROFILE</b></p> <p><b>STA. 132+00 "A" TO STA. 138+00 "A"</b></p>	<table border="1"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>1" = 20'</td> <td>N/A</td> </tr> <tr> <td>VERTICAL SCALE</td> <td>DESIGNATION</td> </tr> <tr> <td>1" = 5'</td> <td>1600294</td> </tr> <tr> <td>SURVEY BOOK</td> <td>DWG. NO.</td> <td>SHEET NO.</td> </tr> <tr> <td></td> <td>PP-04</td> <td>13 of 141</td> </tr> <tr> <td>CONTRACT</td> <td>R-39890</td> <td>PROJECT</td> </tr> <tr> <td></td> <td></td> <td>1600294</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1" = 20'	N/A	VERTICAL SCALE	DESIGNATION	1" = 5'	1600294	SURVEY BOOK	DWG. NO.	SHEET NO.		PP-04	13 of 141	CONTRACT	R-39890	PROJECT			1600294
HORIZONTAL SCALE	BRIDGE FILE																						
1" = 20'	N/A																						
VERTICAL SCALE	DESIGNATION																						
1" = 5'	1600294																						
SURVEY BOOK	DWG. NO.	SHEET NO.																					
	PP-04	13 of 141																					
CONTRACT	R-39890	PROJECT																					
		1600294																					

User: smilhm  
 7/9/2020  
 P:\PR95574\CD\CD\PP-04.dgn

STREET APPROACH REQ'D, LT.  
STA. 140+52.6 LINE "A" W=18.0', R=20.0', R=20.0'

STREET APPROACH REQ'D, LT.  
STA. 140+52.6 LINE "A" W=18.0', R=20.0', R=20.0'



<p><b>LEGEND</b></p> <p>(K) FULL DEPTH HMA (A) FULL DEPTH HMA FOR APPROACHES (J2) VAR. DEPTH, COMPACTED AGGREGATE FOR SHOULDER, NO. 53 (R) HMA FOR RESURFACING 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON 1.5" SURFACE MILLING, HMA (MIN.)</p> <p>(D1) HMA FOR APPROACHES: 165 #/SY HMA SURFACE TYPE B ON 275 #/SY HMA INTERMEDIATE TYPE B ON 880 #/SY HMA BASE, TYPE B ON SUBGRADE TREATMENT TYPE II (D2) HMA FOR APPROACHES: 165 #/SY HMA SURFACE TYPE B ON 385 #/SY HMA INTERMEDIATE TYPE B ON SUBGRADE TREATMENT TYPE II</p> <p>(C1) 6" PCPP FOR APPROACH ON SUBGRADE TREATMENT TYPE II (C2) 9" PCPP FOR APPROACH ON SUBGRADE TREATMENT, TYPE II (N) FOR APPROACHES: 5 IN. COMPACTED AGGREGATE FOR SURFACE, NO. 53</p> <p>(F1) CONCRETE SIDEWALK (F2) HMA FOR SIDEWALK: (1) REMOVE (10) SAW CUT (13) CONCRETE CURB</p> <p>(15) MODIFIED COMBINED CONCRETE CURB AND GUTTER (16) CONCRETE GUTTER (26) SODDING (NURSERY) (TG) TEMP. RIGHT-OF-WAY FOR GRADING (TD) TEMP. RIGHT-OF-WAY FOR DRIVEWAY</p>										<p>RECOMMENDED FOR APPROVAL</p> <p>DESIGNED: MJS DRAWN: KSC CHECKED: JMM CHECKED: JMM</p>		<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>PLAN &amp; PROFILE STA. 138+00 "A" TO STA. 144+00 "A"</p>		<p>HORIZONTAL SCALE 1" = 20' VERTICAL SCALE 1" = 5'</p> <p>SURVEY BOOK DWG. NO. SHEET NO. CONTRACT R-39890 PP-05 14 of 141 PROJECT 1600294</p>	
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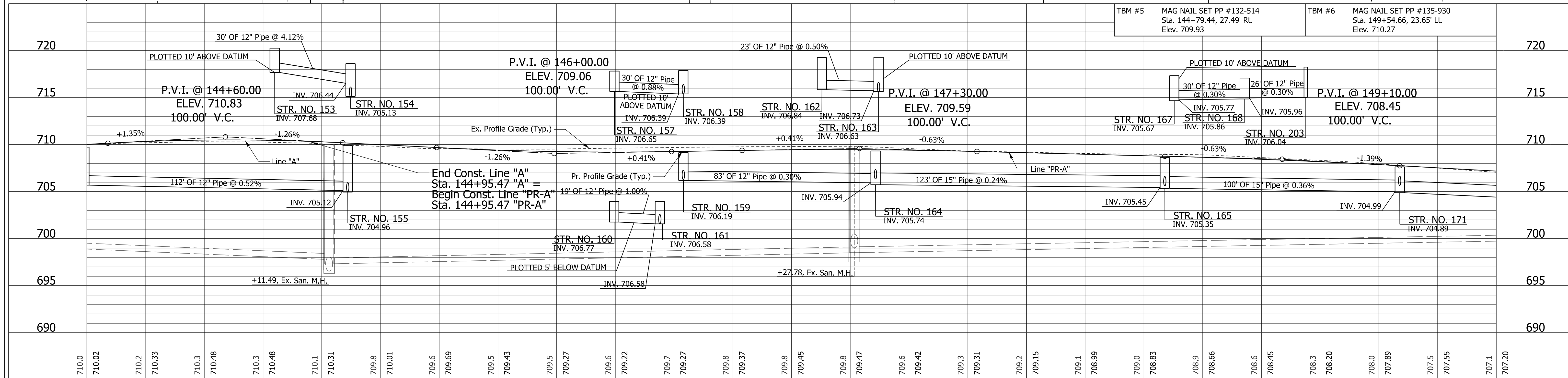
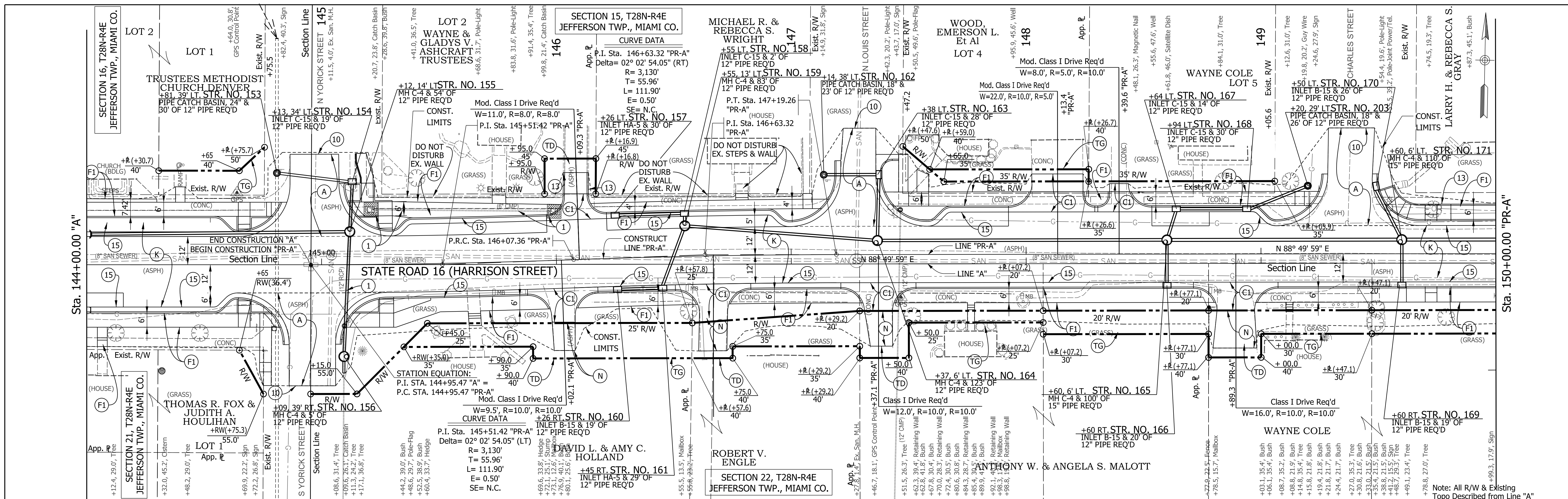
STREET APPROACH REQ'D, LT.  
STA. 144+97.0 LINE "A" W=21.0', R=20.0', R=20.0'

STREET APPROACH REQ'D, LT.  
STA. 144+96.0 LINE "A" W=20.0', R=20.0', R=20.0'

STREET APPROACH REQ'D, LT.  
STA. 147+29.2 LINE "A" W=14.0', R=20.0', R=20.0'

STREET APPROACH REQ'D, LT.  
STA. 149+38.0 LINE "A" W=19.0', R=20.0', R=20.0'

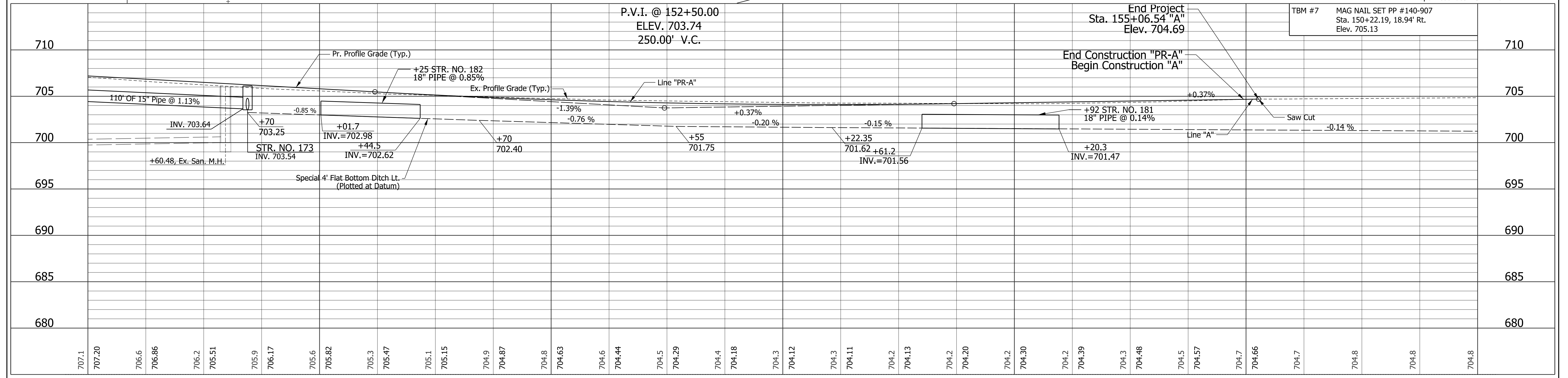
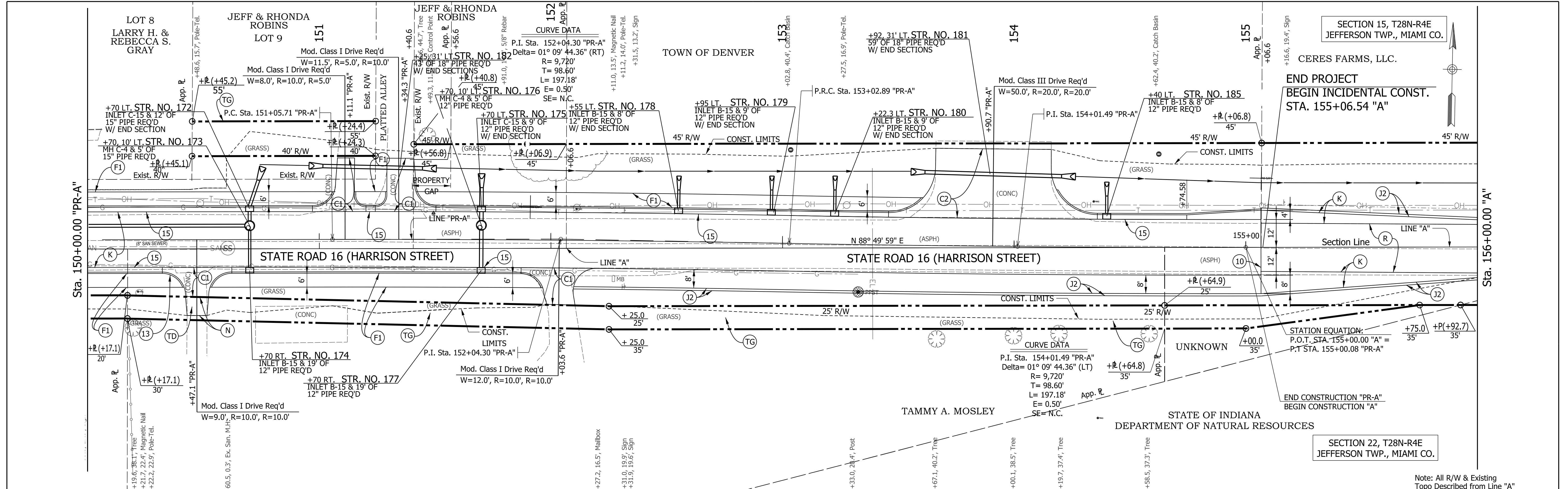
LA CODE: 6515



<p><b>LEGEND</b></p> <p>(K) FULL DEPTH HMA FOR APPROACHES</p> <p>(A) FULL DEPTH HMA FOR APPROACHES</p> <p>(J2) VAR. DEPTH, COMPACTED AGGREGATE FOR SHOULDER, NO. 53</p> <p>(R) HMA FOR RESURFACING 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON 1.5" SURFACE MILLING, HMA (MIN.)</p>		<p>(D1) HMA FOR APPROACHES: 165 #/SY HMA SURFACE TYPE B ON 275 #/SY HMA INTERMEDIATE TYPE B ON 880 #/SY HMA BASE, TYPE B ON SUBGRADE TREATMENT TYPE II</p> <p>(D2) HMA FOR APPROACHES: 165 #/SY HMA SURFACE TYPE B ON 385 #/SY HMA INTERMEDIATE TYPE B ON SUBGRADE TREATMENT TYPE II</p>		<p>(C1) 6" PCPP FOR APPROACH ON SUBGRADE TREATMENT TYPE II</p> <p>(C2) 9" PCPP FOR APPROACH ON SUBGRADE TREATMENT, TYPE II</p> <p>(N) FOR APPROACHES: 5 IN. COMPACTED AGGREGATE FOR SURFACE, NO. 53</p>		<p>(F1) CONCRETE SIDEWALK</p> <p>(F2) HMA FOR SIDEWALK:</p> <p>(1) REMOVE</p> <p>(10) SAW CUT</p> <p>(13) CONCRETE CURB</p>		<p>(15) MODIFIED COMBINED CONCRETE CURB AND GUTTER</p> <p>(16) CONCRETE GUTTER</p> <p>(26) SODDING (NURSERY)</p> <p>(TG) TEMP. RIGHT-OF-WAY FOR GRADING</p> <p>(TD) TEMP. RIGHT-OF-WAY FOR DRIVEWAY</p>			
<p>RECOMMENDED FOR APPROVAL</p> <p>DESIGNED: MJS</p> <p>CHECKED: JMM</p>		<p>DESIGN ENGINEER</p> <p>DATE</p> <p>DRAWN: KSC</p> <p>CHECKED: JMM</p>		<p><b>INDIANA DEPARTMENT OF TRANSPORTATION</b></p> <p><b>PLAN &amp; PROFILE</b></p> <p><b>STA. 144+00 "A" TO STA. 150+00 "PR-A"</b></p>				<p>HORIZONTAL SCALE 1" = 20'</p> <p>VERTICAL SCALE 1" = 5'</p> <p>SURVEY BOOK</p> <p>CONTRACT R-39890</p>		<p>BRIDGE FILE N/A</p> <p>DESIGNATION 1600294</p> <p>DWG. NO. PP-06</p> <p>SHEET NO. 15 of 141</p> <p>PROJECT 1600294</p>	

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Note: All R/W & Existing Topo Described from Line "A"



Legend	Notes	Scale	Project Info
(K) FULL DEPTH HMA FOR APPROACHES	(D1) HMA FOR APPROACHES: 165 #/SY HMA SURFACE TYPE B ON 275 #/SY HMA INTERMEDIATE TYPE B ON 880 #/SY HMA BASE, TYPE B ON SUBGRADE TREATMENT TYPE II	HORIZONTAL SCALE 1" = 20'	INDIANA DEPARTMENT OF TRANSPORTATION
(A) FULL DEPTH HMA FOR APPROACHES	(C1) 6" PCPP FOR APPROACH ON SUBGRADE TREATMENT TYPE II	VERTICAL SCALE 1" = 5'	
(J2) VAR. DEPTH, COMPACTED AGGREGATE FOR SHOULDER, NO. 53	(F1) CONCRETE SIDEWALK		DESIGN ENGINEER _____ DATE _____
(R) HMA FOR RESURFACING 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON 1.5" SURFACE MILLING, HMA (MIN.)	(F2) HMA FOR SIDEWALK:		
	(D2) HMA FOR APPROACHES: 165 #/SY HMA SURFACE TYPE B ON 385 #/SY HMA INTERMEDIATE TYPE B ON SUBGRADE TREATMENT TYPE II		CHECKED: JMM CHECKED: JMM
	(C2) 9" PCPP FOR APPROACH ON SUBGRADE TREATMENT, TYPE II		
	(N) FOR APPROACHES: 5 IN. COMPACTED AGGREGATE FOR SURFACE, NO. 53		
	(1) REMOVE		
	(10) SAW CUT		
	(13) CONCRETE CURB		
	(15) MODIFIED COMBINED CONCRETE CURB AND GUTTER		
	(16) CONCRETE GUTTER		
	(26) SODDING (NURSERY)		
	(TG) TEMP. RIGHT-OF-WAY FOR GRADING		
	(TD) TEMP. RIGHT-OF-WAY FOR DRIVEWAY		

**INDIANA DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE**

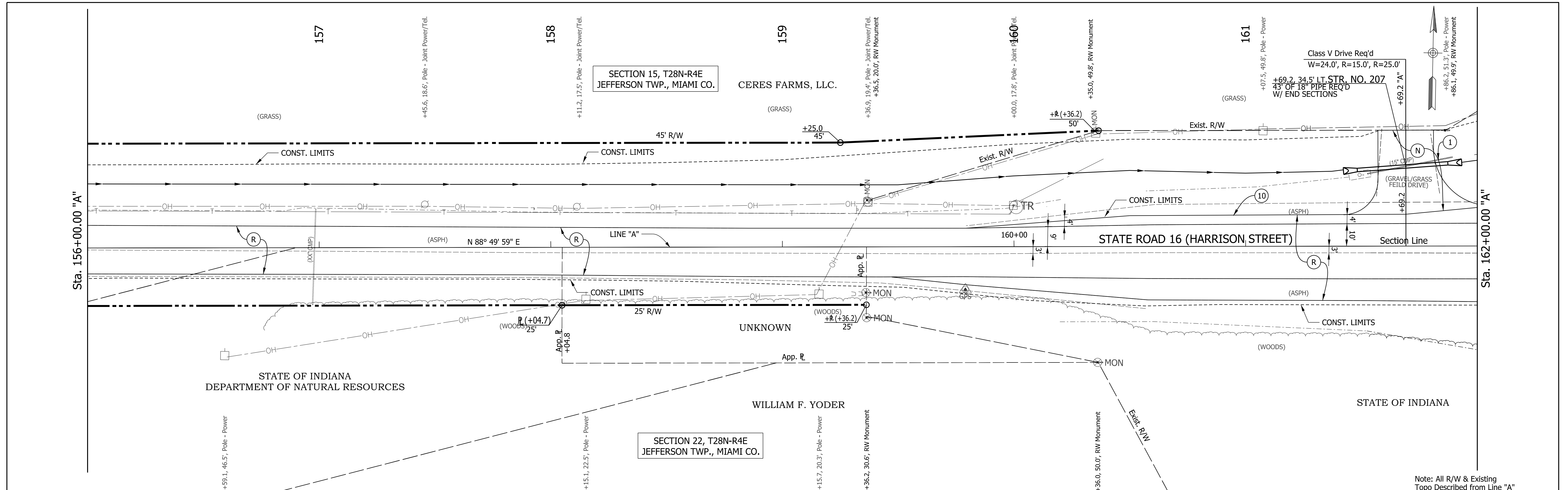
**STA. 150+00 "PR-A" TO STA. 155+06.54 "A"**

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294
SURVEY BOOK	DWG. NO. PP-07
	SHEET NO. 16 of 141
CONTRACT R-39890	PROJECT 1600294

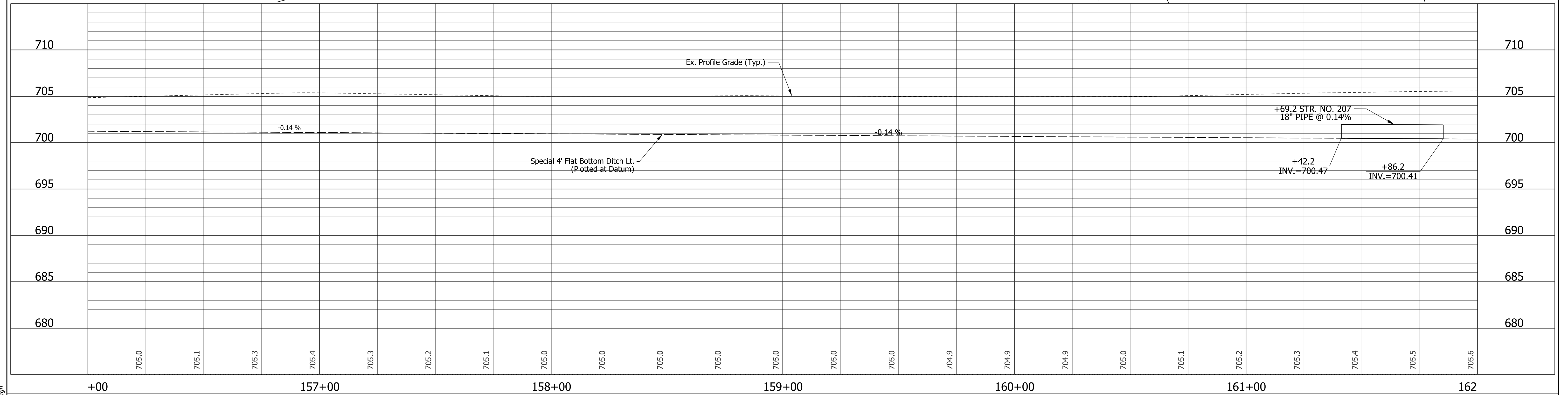
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Note: All R/W & Existing Topo Described from Line "A"



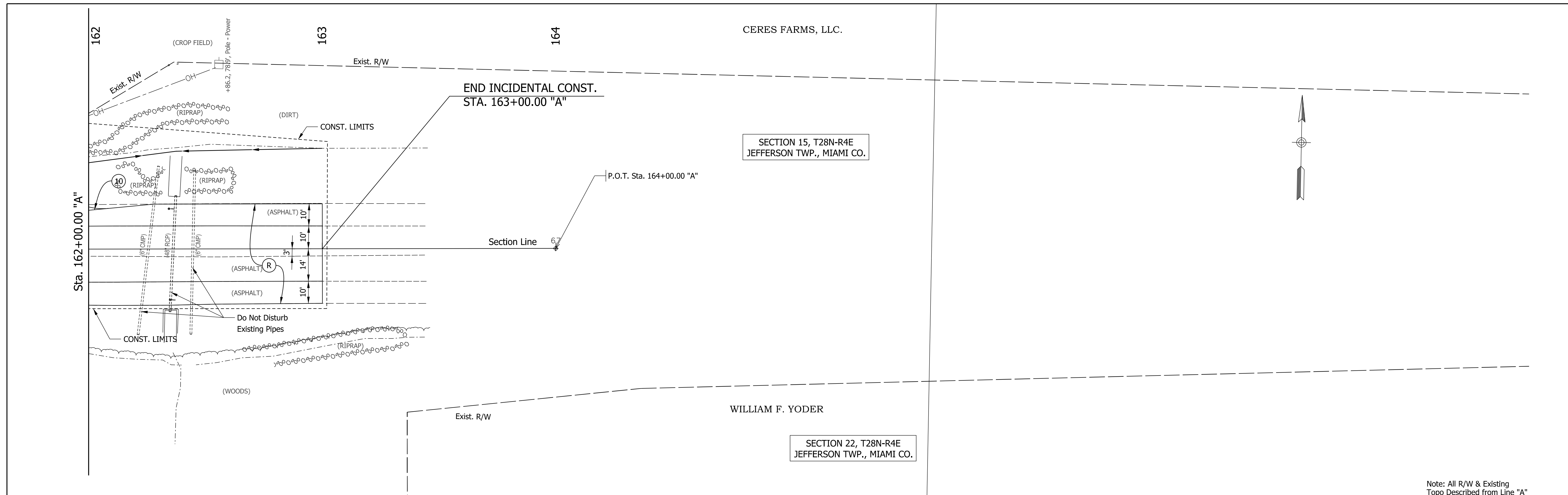


Note: All R/W & Existing Topo Described from Line "A"

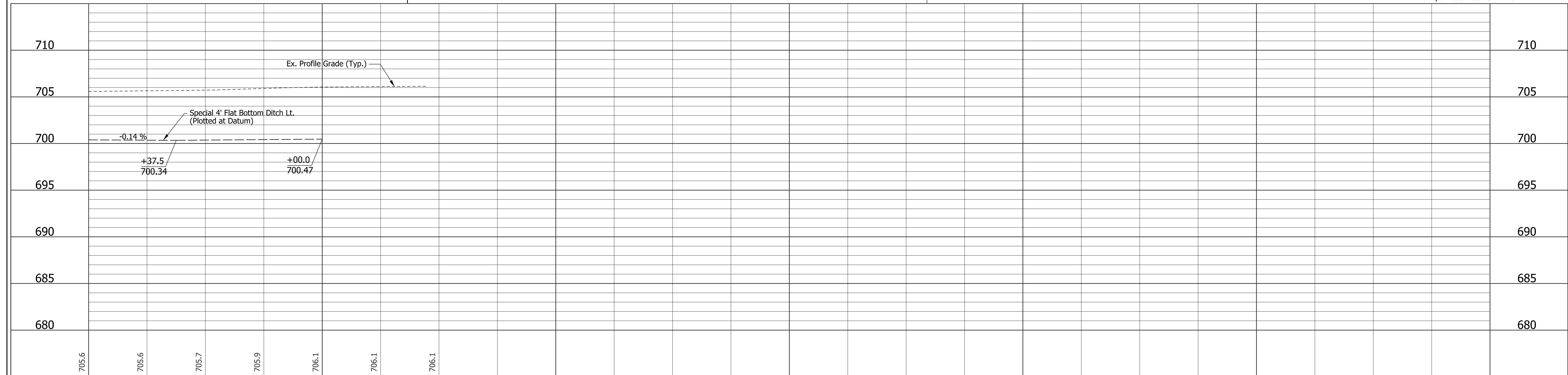


<p><b>LEGEND</b></p> <p>(K) FULL DEPTH HMA (A) FULL DEPTH HMA FOR APPROACHES (J2) VAR. DEPTH, COMPACTED AGGREGATE FOR SHOULDER, NO. 53 (R) HMA FOR RESURFACING 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON 1.5" SURFACE MILLING, HMA (MIN.)</p> <p>(D1) HMA FOR APPROACHES: 165 #/SY HMA SURFACE TYPE B ON 275 #/SY HMA INTERMEDIATE TYPE B ON 880 #/SY HMA BASE, TYPE B ON SUBGRADE TREATMENT TYPE II (D2) HMA FOR APPROACHES: 165 #/SY HMA SURFACE TYPE B ON 385 #/SY HMA INTERMEDIATE TYPE B ON SUBGRADE TREATMENT TYPE II</p> <p>(C1) 6" PCP FOR APPROACH ON SUBGRADE TREATMENT TYPE II (C2) 9" PCP FOR APPROACH ON SUBGRADE TREATMENT, TYPE II (N) FOR APPROACHES: 5 IN. COMPACTED AGGREGATE FOR SURFACE, NO. 53</p> <p>(F1) CONCRETE SIDEWALK (F2) HMA FOR SIDEWALK: (1) REMOVE (10) SAW CUT (13) CONCRETE CURB</p> <p>(15) MODIFIED COMBINED CONCRETE CURB AND GUTTER (16) CONCRETE GUTTER (26) SODDING (NURSERY) (TG) TEMP. RIGHT-OF-WAY FOR GRADING (TD) TEMP. RIGHT-OF-WAY FOR DRIVEWAY</p>										<p>RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE</p> <p>DESIGNED: MJS DRAWN: KSC CHECKED: JMM CHECKED: JMM</p>		<p><b>INDIANA DEPARTMENT OF TRANSPORTATION</b></p> <p><b>PLAN &amp; PROFILE</b> STA. 156+00 "A" TO STA. 162+00.00 "A"</p>		<p>HORIZONTAL SCALE 1" = 20'</p> <p>VERTICAL SCALE 1" = 5'</p> <p>SURVEY BOOK _____ DWG. NO. PP-08 SHEET NO. 17 of 141</p> <p>CONTRACT R-39890 PROJECT 1600294</p>	
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Note: All R/W & Existing Topo Described from Line "A"

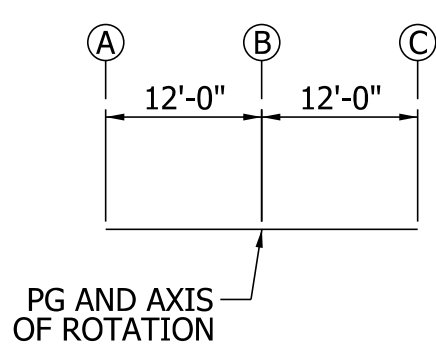
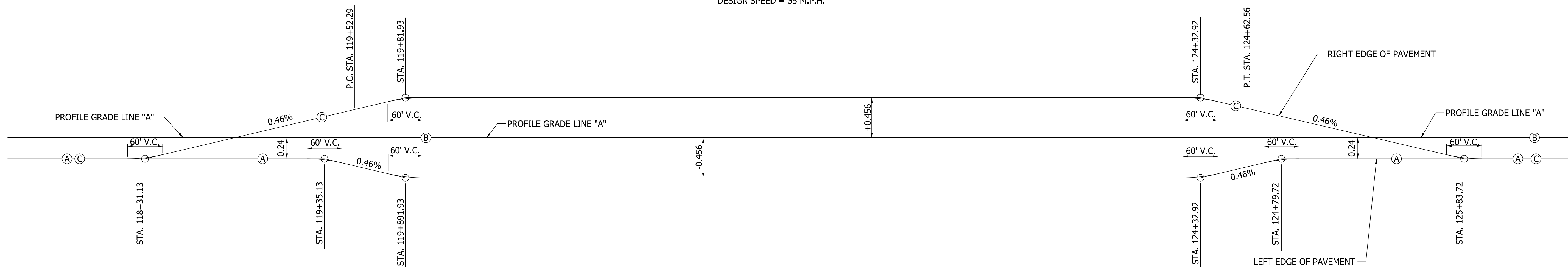


<b>LEGEND</b> (K) FULL DEPTH HMA (A) FULL DEPTH HMA FOR APPROACHES (J2) VAR. DEPTH, COMPACTED AGGREGATE FOR SHOULDER, NO. 53 (R) HMA FOR RESURFACING 165 #/SY QC/QA-HMA, 3, 70, SURFACE, 9.5 mm ON 1.5" SURFACE MILLING, HMA (MIN.)		(D1) HMA FOR APPROACHES: 165 #/SY HMA SURFACE TYPE B ON 275 #/SY HMA INTERMEDIATE TYPE B ON 880 #/SY HMA BASE, TYPE B ON SUBGRADE TREATMENT TYPE II (D2) HMA FOR APPROACHES: 165 #/SY HMA SURFACE TYPE B ON 385 #/SY HMA INTERMEDIATE TYPE B ON SUBGRADE TREATMENT TYPE II		(C1) 6" PCCP FOR APPROACH ON SUBGRADE TREATMENT TYPE II (C2) 9" PCCP FOR APPROACH ON SUBGRADE TREATMENT, TYPE II (N) FOR APPROACHES: 5 IN. COMPACTED AGGREGATE FOR SURFACE, NO. 53		(F1) CONCRETE SIDEWALK (F2) HMA FOR SIDEWALK: (1) REMOVE (10) SAW CUT (13) CONCRETE CURB		(15) MODIFIED COMBINED CONCRETE CURB AND GUTTER (16) CONCRETE GUTTER (26) SODDING (NURSERY) (TG) TEMP. RIGHT-OF-WAY FOR GRADING (TD) TEMP. RIGHT-OF-WAY FOR DRIVEWAY	
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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____		<b>INDIANA</b> <b>DEPARTMENT OF TRANSPORTATION</b>		HORIZONTAL SCALE 1" = 20' BRIDGE FILE N/A	
DESIGNED: MJS CHECKED: JMM		DRAWN: KSC CHECKED: JMM		VERTICAL SCALE 1" = 5' DESIGNATION 1600294	
<b>PLAN &amp; PROFILE</b> <b>STA. 162+00 "A" TO STA. 164+00.00 "A"</b>				SURVEY BOOK _____ DWG. NO. PP-09 SHEET NO. 18 of 141 CONTRACT R-39890 PROJECT 1600294	

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CURVE DATA  
 P.I. STA. 122+09.33 "A"  
 RADIUS = 1712.00'  
 S.E. RATE = 3.8%  
 DESIGN SPEED = 55 M.P.H.



TYPICAL SECTION  
 SCALE: N.T.S.

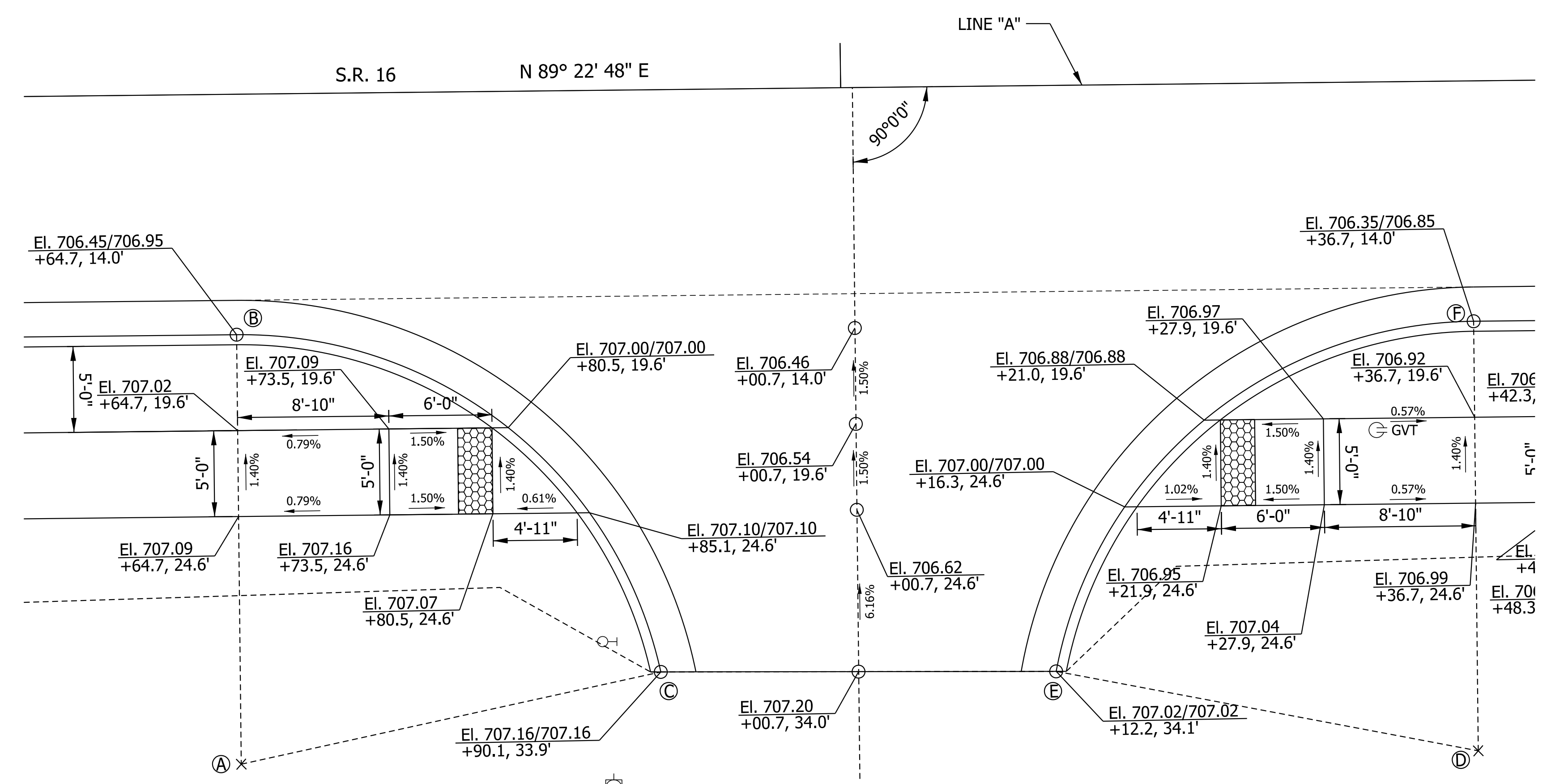
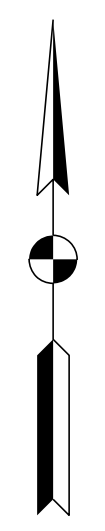
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

INDIANA DEPARTMENT OF TRANSPORTATION	
SUPERELEVATION DIAGRAM	

HORIZONTAL SCALE 1"=30'	BRIDGE FILE	
VERTICAL SCALE N.T.S.	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. SE-01	SHEET NO. 19 of 141
CONTRACT R-39890	PROJECT 1600294	

128



S 2nd STREET  
STA. 128+00.3 "A" RT.

**LEGEND:**

	DETECTABLE WARNING SURFACE		EXISTING ELECTRIC MANHOLE		EXISTING GAS VALVE		EXISTING TELEPHONE POLE
	EXISTING FIRE HYDRANT		EXISTING UTILITY POLE		EXISTING GUY WIRE		PROPOSED PLANTERS
	EXISTING WATER VALVE		EXISTING ELECTRIC METER		EXISTING LIGHT POLE		

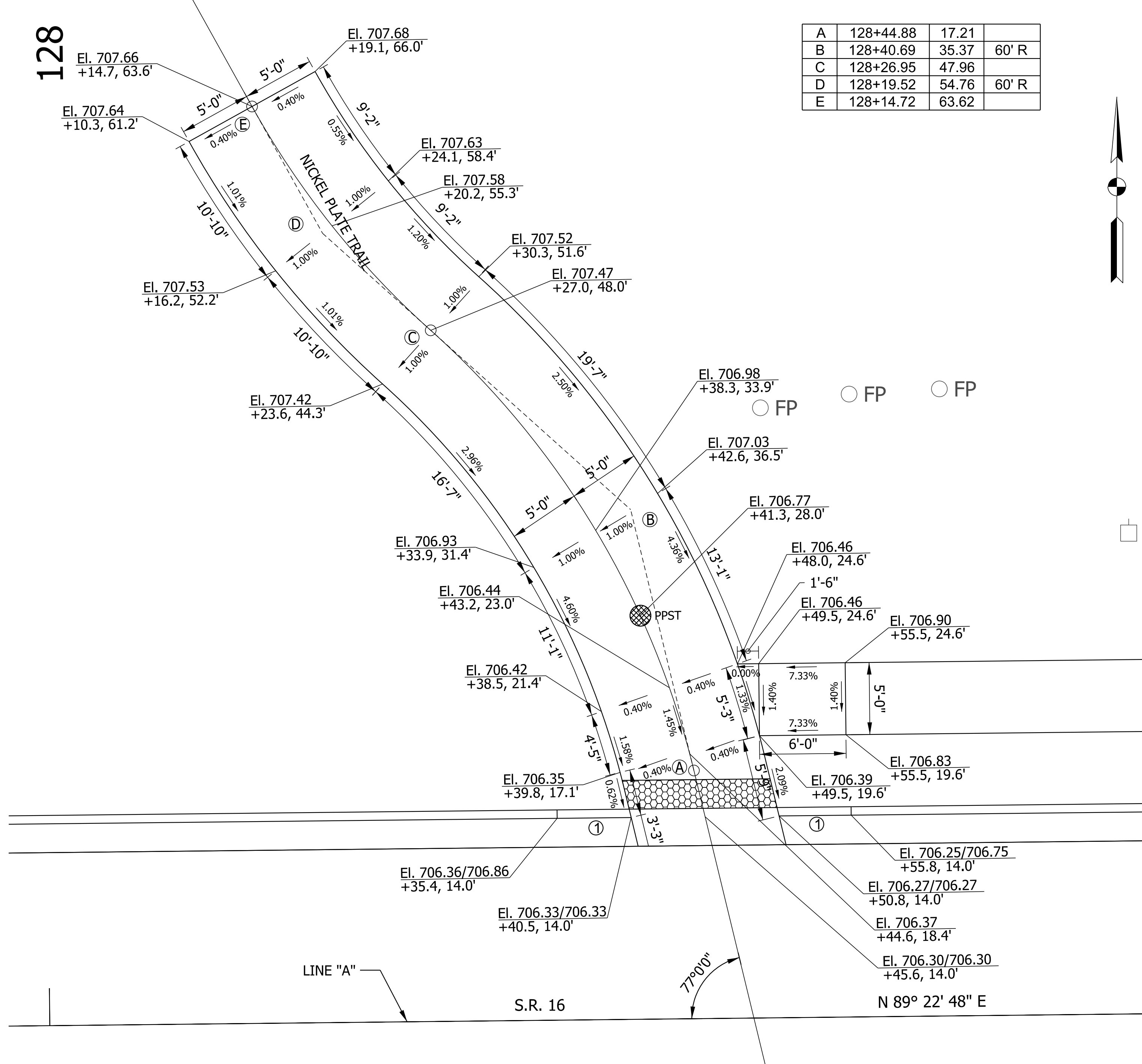
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: MJS	DRAWN: MJS				
CHECKED: JMM	CHECKED: JMM				

<b>INDIANA</b>	
<b>DEPARTMENT OF TRANSPORTATION</b>	
<b>STREET APPROACH DETAILS</b>	

HORIZONTAL SCALE	BRIDGE FILE	
1" = 10'		
VERTICAL SCALE	DESIGNATION	
N/A	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	AD-01	20 of 141
CONTRACT	PROJECT	
R-39890	1600294	

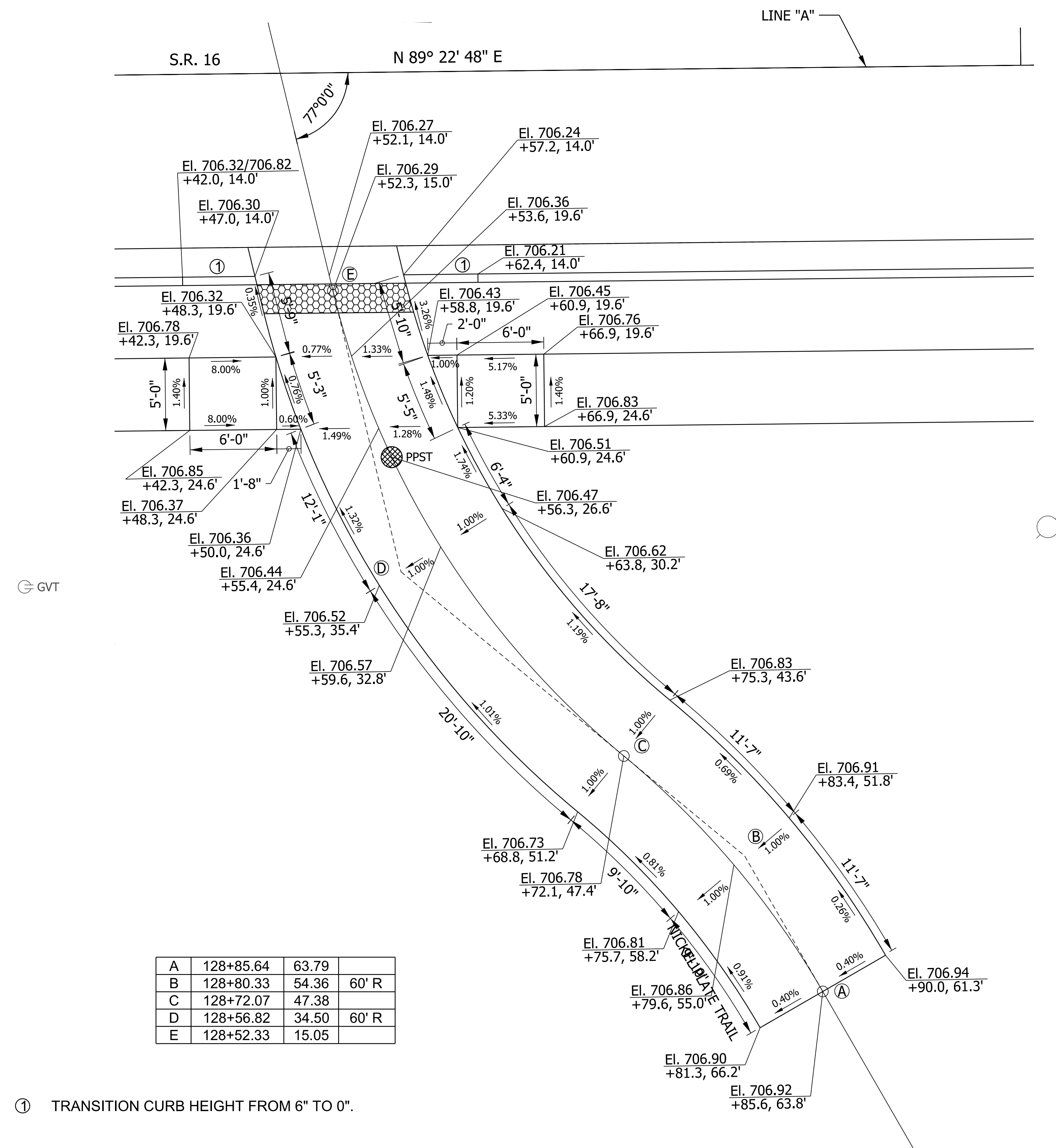
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128



① TRANSITION CURB HEIGHT FROM 6" TO 0".  
 NICKEL PLATE TRAIL  
 STA. 128+48.85 "A" LT.

129



① TRANSITION CURB HEIGHT FROM 6" TO 0".

NICKEL PLATE TRAIL  
 STA. 128+48.85 "A" RT.

**LEGEND:**

	DETECTABLE WARNING SURFACE		EXISTING ELECTRIC MANHOLE		EXISTING GAS VALVE		EXISTING TELEPHONE POLE
	EXISTING FIRE HYDRANT		EXISTING UTILITY POLE		EXISTING GUY WIRE		PROPOSED PLANTERS
	EXISTING WATER VALVE		EXISTING ELECTRIC METER		EXISTING LIGHT POLE		

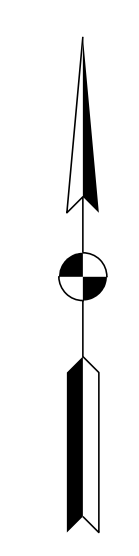
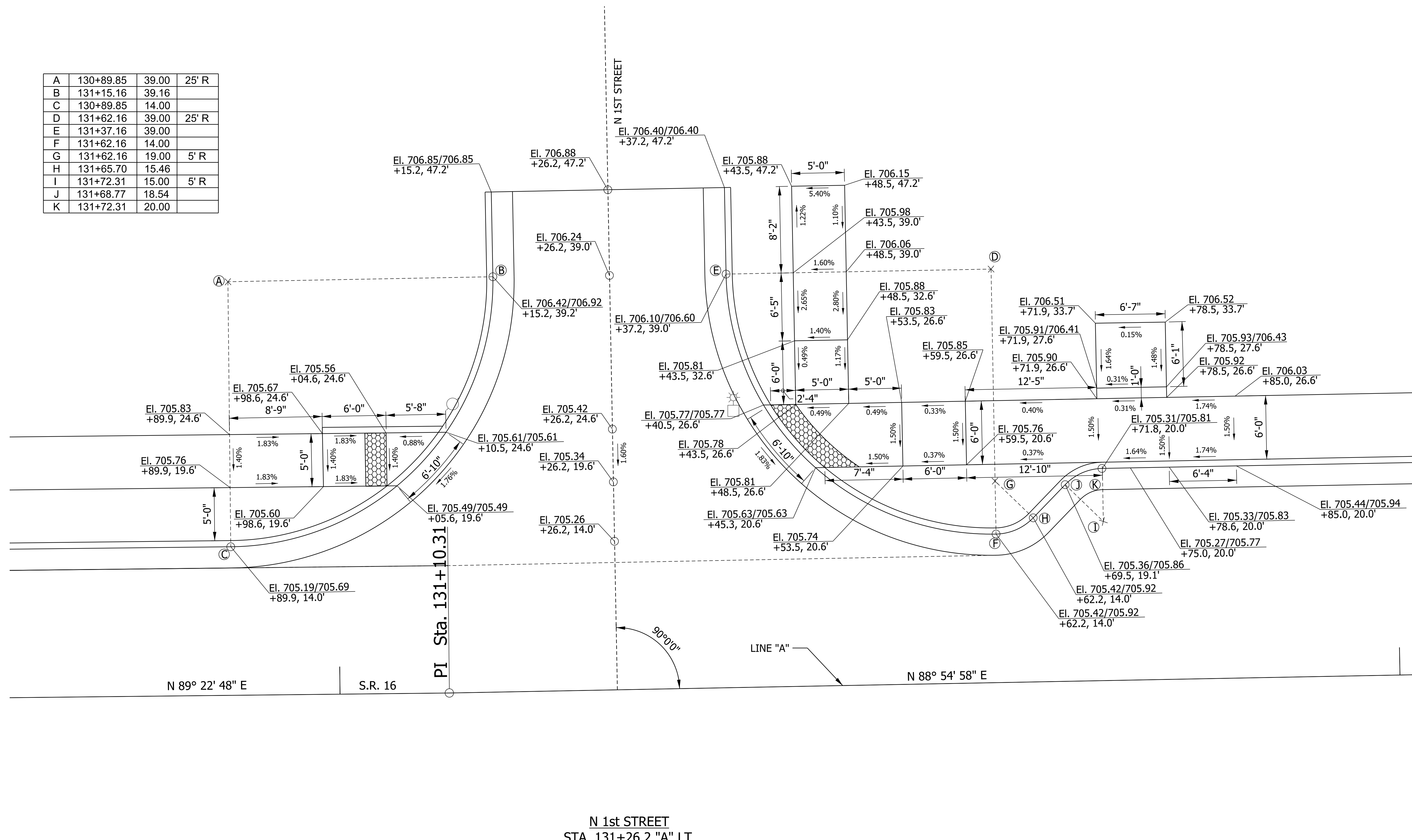
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: MJS	DRAWN: MJS				
CHECKED: JMM	CHECKED: JMM				

INDIANA DEPARTMENT OF TRANSPORTATION		
STREET APPROACH DETAILS		

HORIZONTAL SCALE	BRIDGE FILE	
1" = 5'		
VERTICAL SCALE	DESIGNATION	
N/A	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	AD-02	21 of 141
CONTRACT	PROJECT	
R-39890	1600294	

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A	130+89.85	39.00	25' R
B	131+15.16	39.16	
C	130+89.85	14.00	
D	131+62.16	39.00	25' R
E	131+37.16	39.00	
F	131+62.16	14.00	
G	131+62.16	19.00	5' R
H	131+65.70	15.46	
I	131+72.31	15.00	5' R
J	131+68.77	18.54	
K	131+72.31	20.00	



N 1st STREET  
STA. 131+26.2 "A" LT.

**LEGEND:**

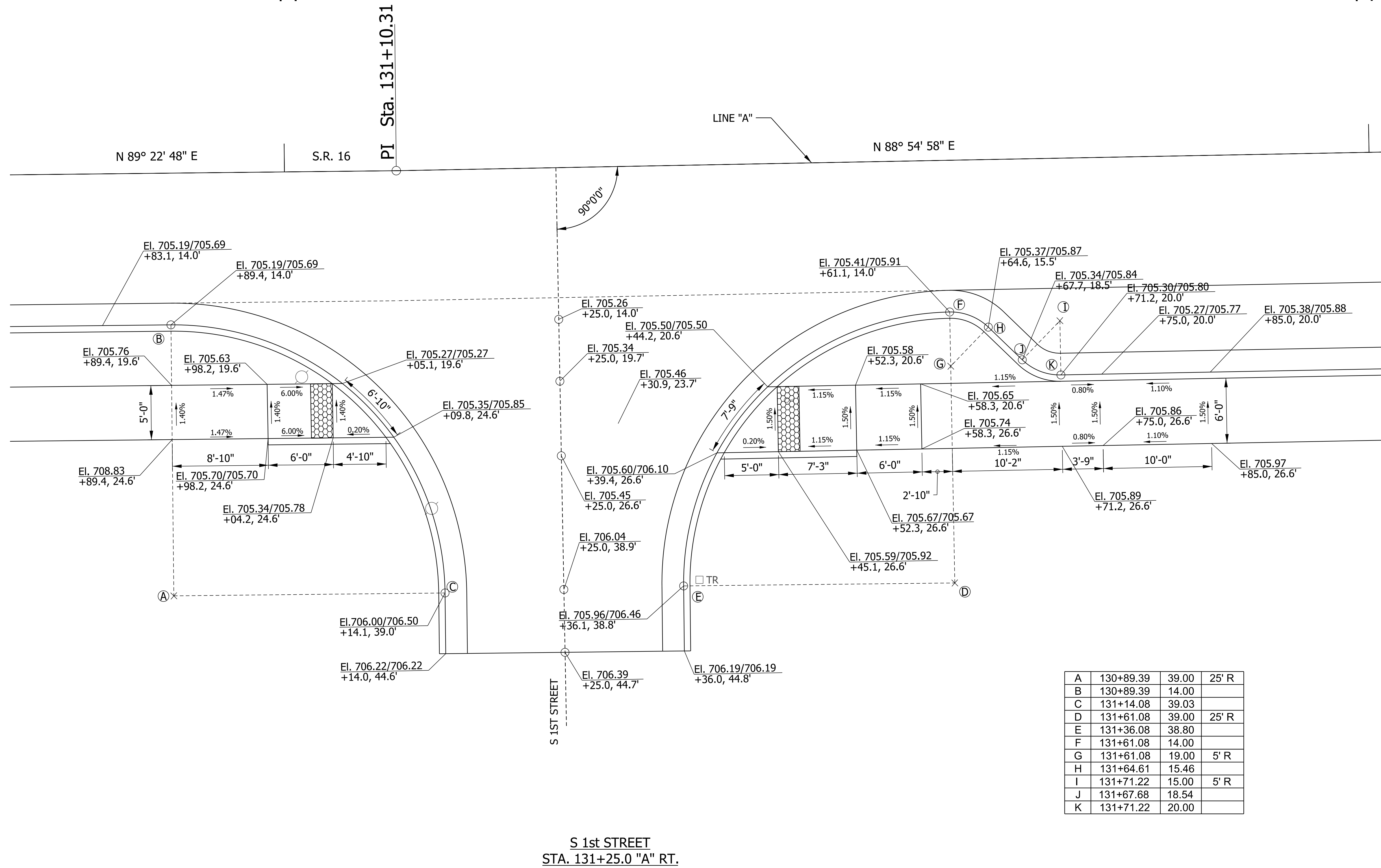
	DETECTABLE WARNING SURFACE		EXISTING ELECTRIC MANHOLE		EXISTING GAS VALVE		EXISTING TELEPHONE POLE
	EXISTING FIRE HYDRANT		EXISTING UTILITY POLE		EXISTING GUY WIRE		EXISTING LIGHT POLE
	EXISTING WATER VALVE		EXISTING ELECTRIC METER				

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: MJS	DRAWN: MJS				
CHECKED: JMM	CHECKED: JMM				

<b>INDIANA</b>		
<b>DEPARTMENT OF TRANSPORTATION</b>		
<b>STREET APPROACH DETAILS</b>		

HORIZONTAL SCALE	BRIDGE FILE	
1" = 5'		
VERTICAL SCALE	DESIGNATION	
N/A	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	AD-03	22 of 141
CONTRACT	PROJECT	
R-39890	1600294	

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A	130+89.39	39.00	25' R
B	130+89.39	14.00	
C	131+14.08	39.03	
D	131+61.08	39.00	25' R
E	131+36.08	38.80	
F	131+61.08	14.00	
G	131+61.08	19.00	5' R
H	131+64.61	15.46	
I	131+71.22	15.00	5' R
J	131+67.68	18.54	
K	131+71.22	20.00	

S 1st STREET  
STA. 131+25.0 "A" RT.

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**LEGEND:**

- |  |                            |  |                           |  |                     |  |                         |
|--|----------------------------|--|---------------------------|--|---------------------|--|-------------------------|
|  | DETECTABLE WARNING SURFACE |  | EXISTING ELECTRIC MANHOLE |  | EXISTING GAS VALVE  |  | EXISTING TELEPHONE POLE |
|  | EXISTING FIRE HYDRANT      |  | EXISTING UTILITY POLE     |  | EXISTING GUY WIRE   |  | PROPOSED PLANTERS       |
|  | EXISTING WATER VALVE       |  | EXISTING ELECTRIC METER   |  | EXISTING LIGHT POLE |  |                         |

RECOMMENDED FOR APPROVAL \_\_\_\_\_  
DESIGN ENGINEER DATE

DESIGNED: MJS DRAWN: MJS

CHECKED: JMM CHECKED: JMM

INDIANA  
DEPARTMENT OF TRANSPORTATION

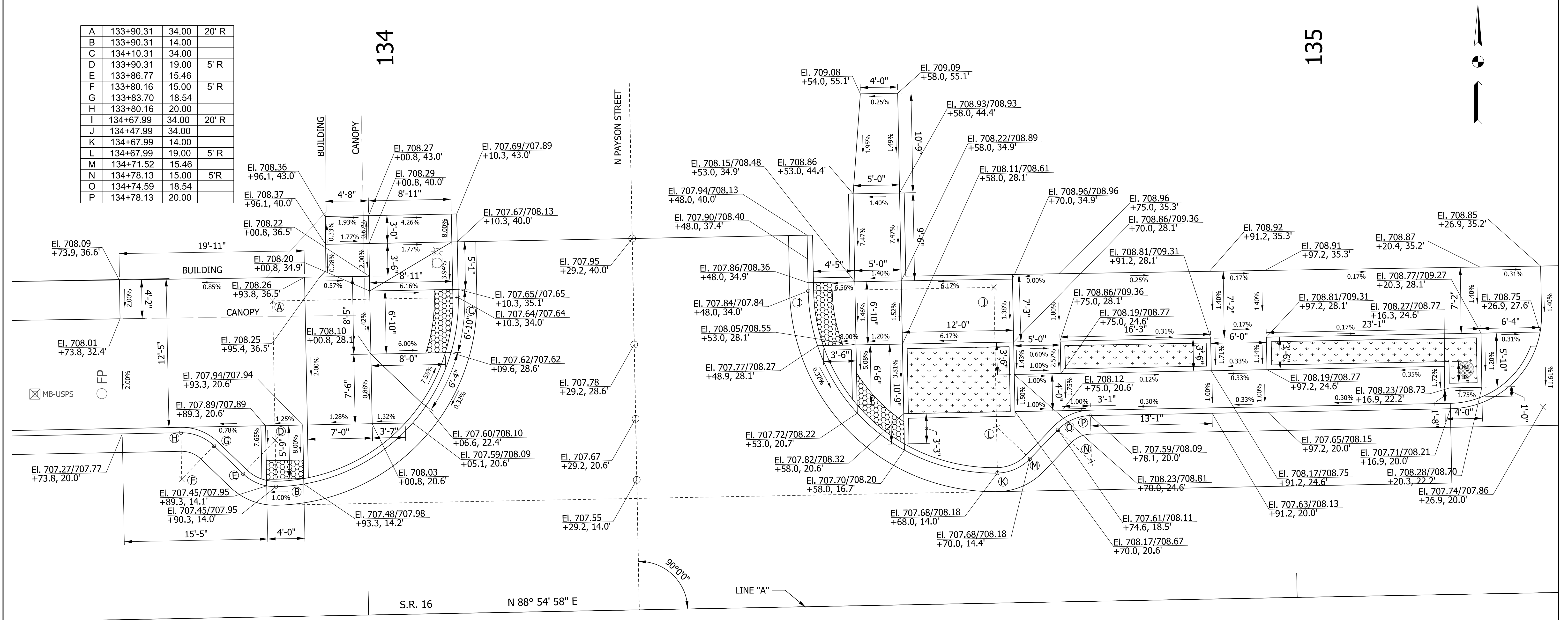
STREET APPROACH DETAILS

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 1600294
SURVEY BOOK	DWG. NO. SHEET NO.
	AD-04 23 of 141
CONTRACT R-39890	PROJECT 1600294

A	133+90.31	34.00	20' R
B	133+90.31	14.00	
C	134+10.31	34.00	
D	133+90.31	19.00	5' R
E	133+86.77	15.46	
F	133+80.16	15.00	5' R
G	133+83.70	18.54	
H	133+80.16	20.00	
I	134+67.99	34.00	20' R
J	134+47.99	34.00	
K	134+67.99	14.00	
L	134+67.99	19.00	5' R
M	134+71.52	15.46	
N	134+78.13	15.00	5' R
O	134+74.59	18.54	
P	134+78.13	20.00	

134

135



N PAYSON STREET  
STA. 134+29.2 "A" LT.

LEGEND:

- |  |                            |  |                           |  |                     |  |                         |
|--|----------------------------|--|---------------------------|--|---------------------|--|-------------------------|
|  | DETECTABLE WARNING SURFACE |  | EXISTING ELECTRIC MANHOLE |  | EXISTING GAS VALVE  |  | EXISTING TELEPHONE POLE |
|  | EXISTING FIRE HYDRANT      |  | EXISTING UTILITY POLE     |  | EXISTING GUY WIRE   |  | PROPOSED PLANTERS       |
|  | EXISTING WATER VALVE       |  | EXISTING ELECTRIC METER   |  | EXISTING LIGHT POLE |  |                         |

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS	
CHECKED: JMM	CHECKED: JMM	

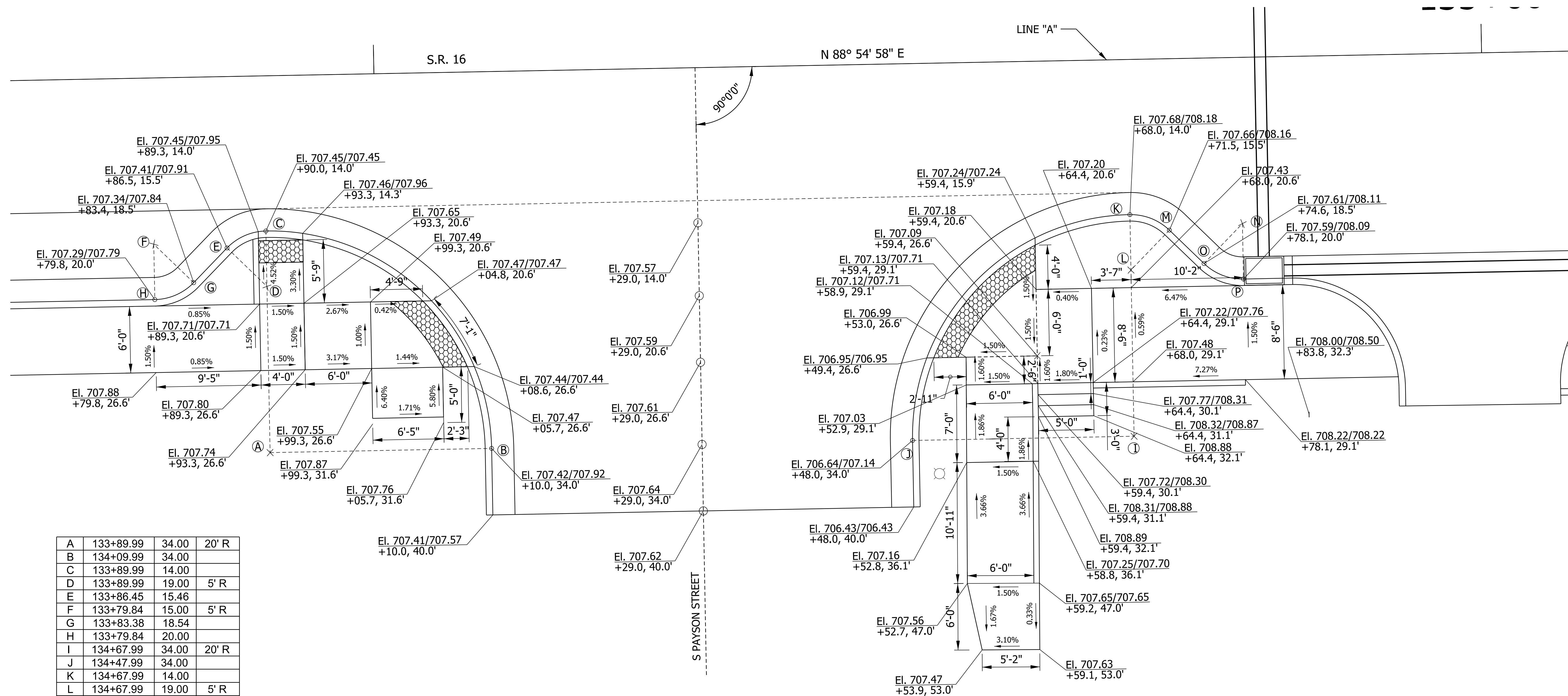
INDIANA DEPARTMENT OF TRANSPORTATION	
STREET APPROACH DETAILS	

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE	
VERTICAL SCALE N/A	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. AD-05	SHEET NO. 24 of 141
CONTRACT R-39890	PROJECT 1600294	



134

135



A	133+89.99	34.00	20' R
B	134+09.99	34.00	
C	133+89.99	14.00	
D	133+89.99	19.00	5' R
E	133+86.45	15.46	
F	133+79.84	15.00	5' R
G	133+83.38	18.54	
H	133+79.84	20.00	
I	134+67.99	34.00	20' R
J	134+47.99	34.00	
K	134+67.99	14.00	
L	134+67.99	19.00	5' R
M	134+71.52	15.46	
N	134+78.13	15.00	5' R
O	134+74.59	18.54	
P	134+78.13	20.00	

S PAYSON STREET  
 STA. 134+29.0 "A" RT.

**LEGEND:**

- DETECTABLE WARNING SURFACE
- EXISTING ELECTRIC MANHOLE
- GVT
- EXISTING GAS VALVE
- EXISTING TELEPHONE POLE
- EXISTING FIRE HYDRANT
- EXISTING UTILITY POLE
- EXISTING GUY WIRE
- PROPOSED PLANTERS
- EXISTING WATER VALVE
- EXISTING ELECTRIC METER
- EXISTING LIGHT POLE

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	MJS	DRAWN:	MJS		
CHECKED:	JMM	CHECKED:	JMM		

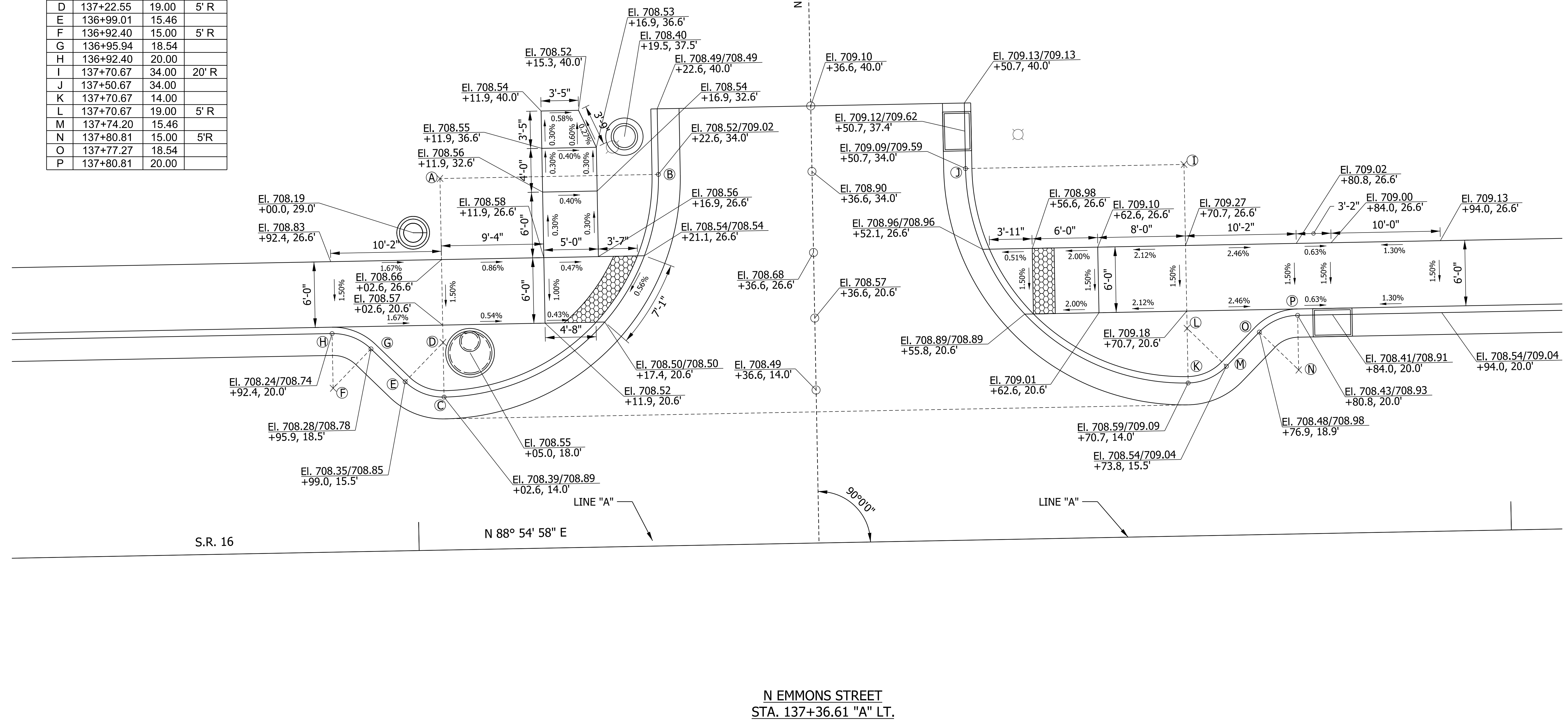
**INDIANA**  
 DEPARTMENT OF TRANSPORTATION

**STREET APPROACH DETAILS**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 10'		
VERTICAL SCALE	DESIGNATION	
N/A	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	AD-06	25 of 141
CONTRACT	PROJECT	
R-39890	1600294	

7/9/2020 2:44:56 PM  
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A	137+02.55	34.00	20' R
B	137+22.55	34.00	
C	137+22.55	14.00	
D	137+22.55	19.00	5' R
E	136+99.01	15.46	
F	136+92.40	15.00	5' R
G	136+95.94	18.54	
H	136+92.40	20.00	
I	137+70.67	34.00	20' R
J	137+50.67	34.00	
K	137+70.67	14.00	
L	137+70.67	19.00	5' R
M	137+74.20	15.46	
N	137+80.81	15.00	5' R
O	137+77.27	18.54	
P	137+80.81	20.00	



N EMMONS STREET  
STA. 137+36.61 "A" LT.

LEGEND:

- |  |                            |  |                           |  |                     |  |                         |
|--|----------------------------|--|---------------------------|--|---------------------|--|-------------------------|
|  | DETECTABLE WARNING SURFACE |  | EXISTING ELECTRIC MANHOLE |  | EXISTING GAS VALVE  |  | EXISTING TELEPHONE POLE |
|  | EXISTING FIRE HYDRANT      |  | EXISTING UTILITY POLE     |  | EXISTING GUY WIRE   |  | PROPOSED PLANTERS       |
|  | EXISTING WATER VALVE       |  | EXISTING ELECTRIC METER   |  | EXISTING LIGHT POLE |  |                         |

RECOMMENDED FOR APPROVAL \_\_\_\_\_  
DESIGN ENGINEER DATE

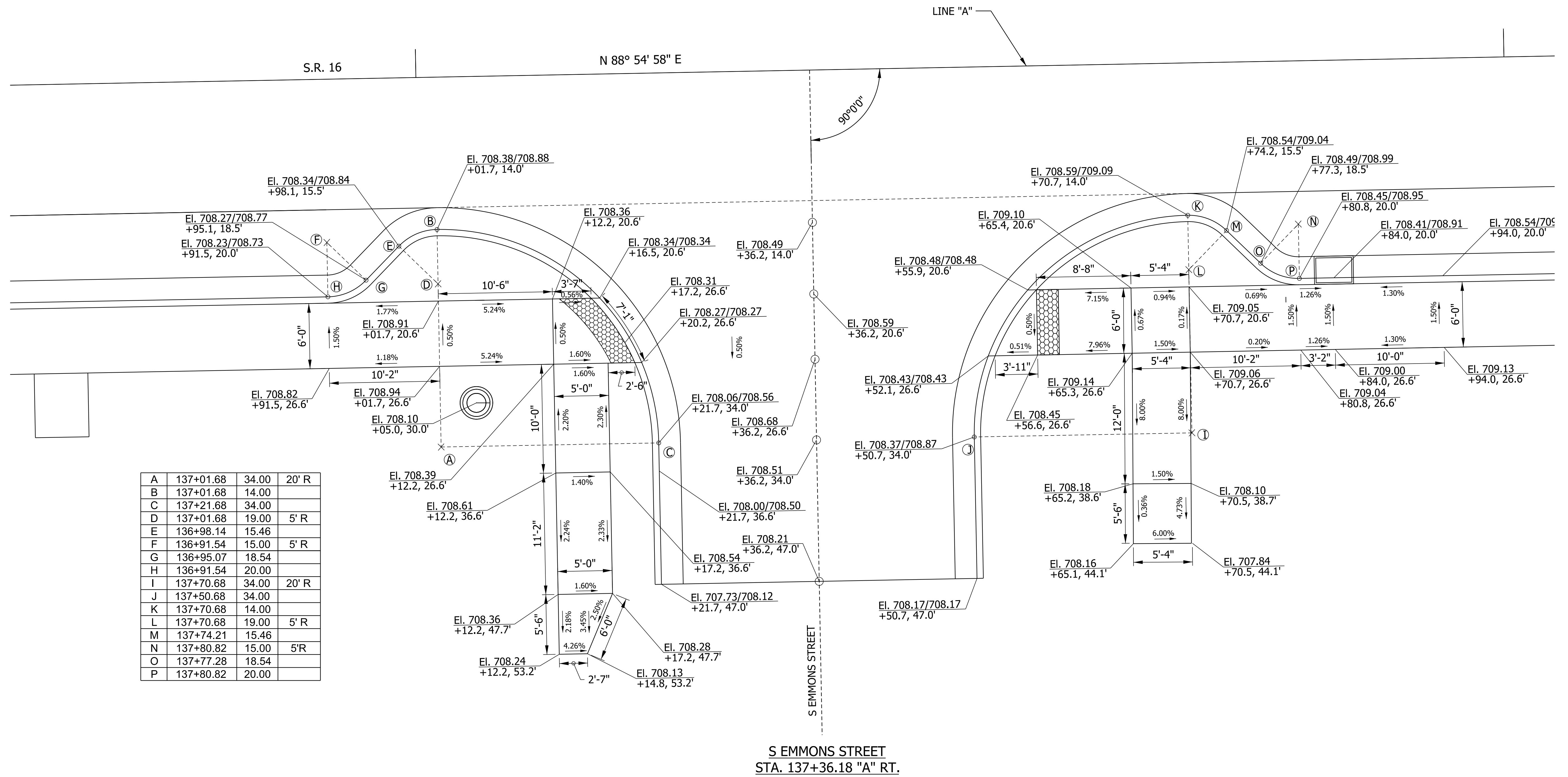
DESIGNED: MJS DRAWN: MJS

CHECKED: JMM CHECKED: JMM

INDIANA  
DEPARTMENT OF TRANSPORTATION

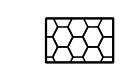

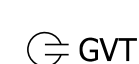


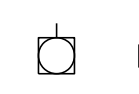
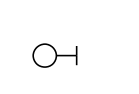
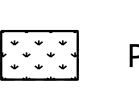


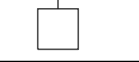
STREET APPROACH DETAILS

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 1600294
SURVEY BOOK	DWG. NO. AD-07
	SHEET NO. 26 of 141
CONTRACT R-39890	PROJECT 1600294



S EMMONS STREET  
STA. 137+36.18 "A" RT.

LEGEND:

-  DETECTABLE WARNING SURFACE
-  EXISTING ELECTRIC MANHOLE
-  EXISTING GAS VALVE
-  EXISTING TELEPHONE POLE
-  EXISTING FIRE HYDRANT
-  EXISTING UTILITY POLE
-  EXISTING GUY WIRE
-  PROPOSED PLANTERS
-  EXISTING WATER VALVE
-  EXISTING ELECTRIC METER
-  EXISTING LIGHT POLE

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS	
CHECKED: JMM	CHECKED: JMM	

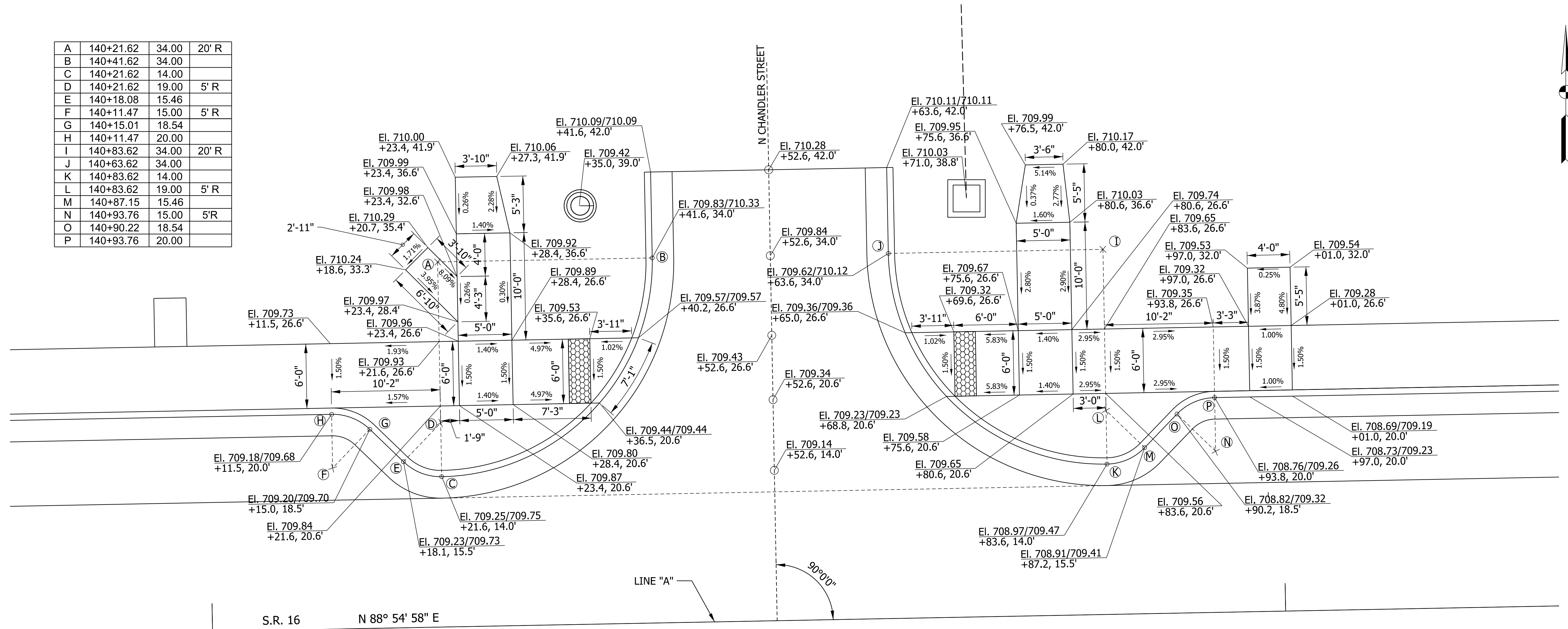
**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**STREET APPROACH DETAILS**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 5'		
VERTICAL SCALE	DESIGNATION	
N/A	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	AD-08	27 of 141
CONTRACT	PROJECT	
R-39890	1600294	

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A	140+21.62	34.00	20' R
B	140+41.62	34.00	
C	140+21.62	14.00	
D	140+21.62	19.00	5' R
E	140+18.08	15.46	
F	140+11.47	15.00	5' R
G	140+15.01	18.54	
H	140+11.47	20.00	
I	140+83.62	34.00	20' R
J	140+63.62	34.00	
K	140+83.62	14.00	
L	140+83.62	19.00	5' R
M	140+87.15	15.46	
N	140+93.76	15.00	5' R
O	140+90.22	18.54	
P	140+93.76	20.00	



N CHANDLER STREET  
STA. 140+52.62 "A" LT.

LEGEND:

- DETECTABLE WARNING SURFACE
- EXISTING ELECTRIC MANHOLE
- GVT
- EXISTING GAS VALVE
- EXISTING TELEPHONE POLE
- EXISTING FIRE HYDRANT
- EXISTING UTILITY POLE
- EXISTING GUY WIRE
- PROPOSED PLANTERS
- EXISTING WATER VALVE
- EXISTING ELECTRIC METER
- EXISTING LIGHT POLE

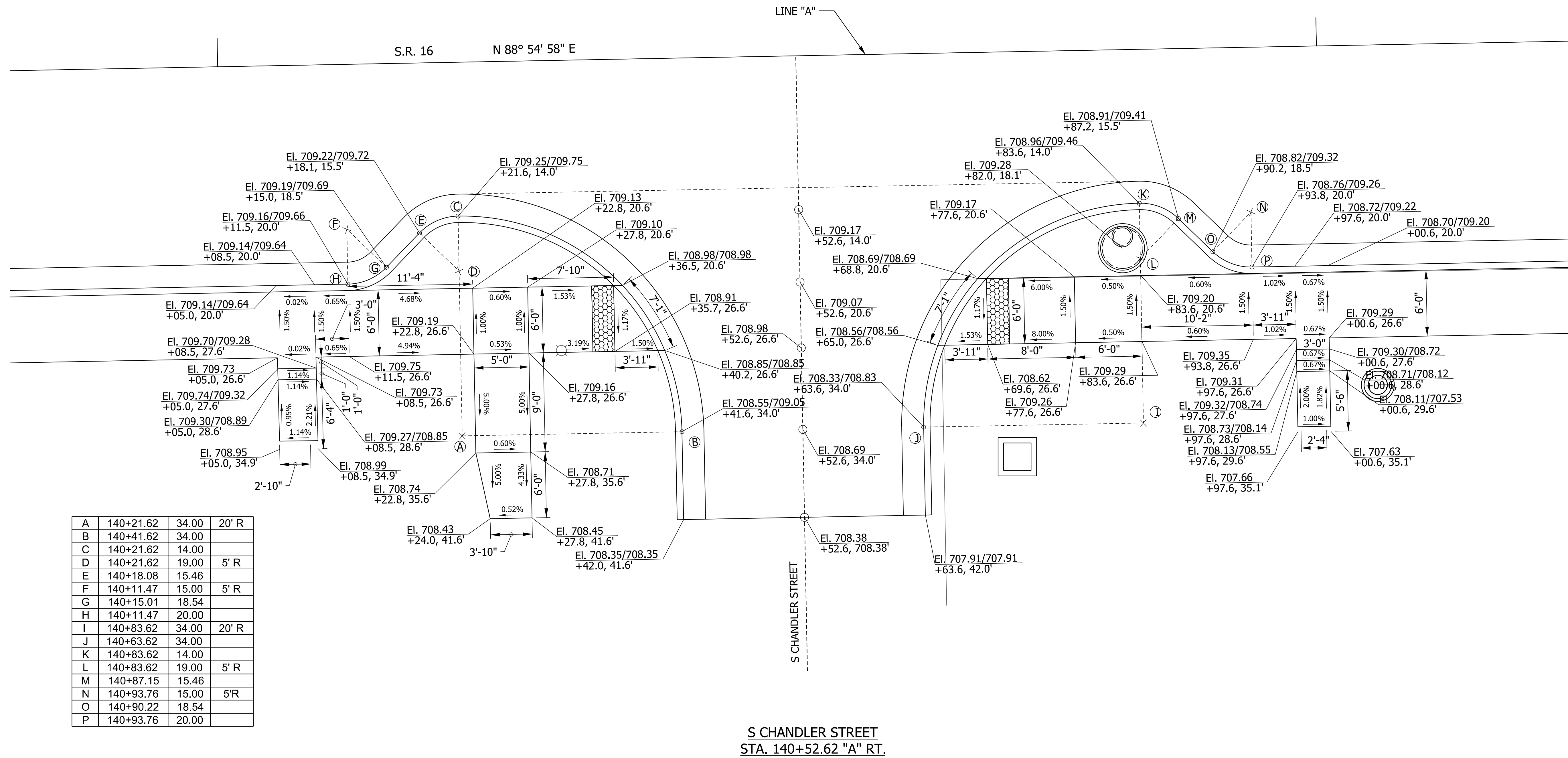
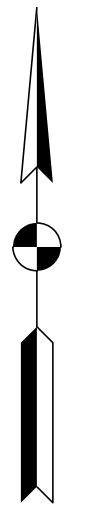
RECOMMENDED FOR APPROVAL _____	
DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS
CHECKED: JMM	CHECKED: JMM

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**STREET APPROACH DETAILS**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 1600294
SURVEY BOOK	DWG. NO. AD-09
CONTRACT R-39890	SHEET NO. 28 of 141
	PROJECT 1600294

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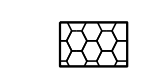

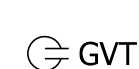


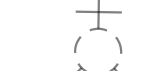
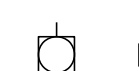
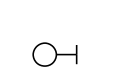
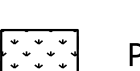


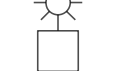
LINE "A"

S.R. 16 N 88° 54' 58" E

S CHANDLER STREET

S CHANDLER STREET  
STA. 140+52.62 "A" RT.

LEGEND:

-  DETECTABLE WARNING SURFACE
-  EXISTING ELECTRIC MANHOLE
-  GVT
-  EXISTING GAS VALVE
-  EXISTING TELEPHONE POLE
-  EXISTING FIRE HYDRANT
-  EXISTING UTILITY POLE
-  EXISTING GUY WIRE
-  PROPOSED PLANTERS
-  EXISTING WATER VALVE
-  EXISTING ELECTRIC METER
-  EXISTING LIGHT POLE

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS	
CHECKED: JMM	CHECKED: JMM	

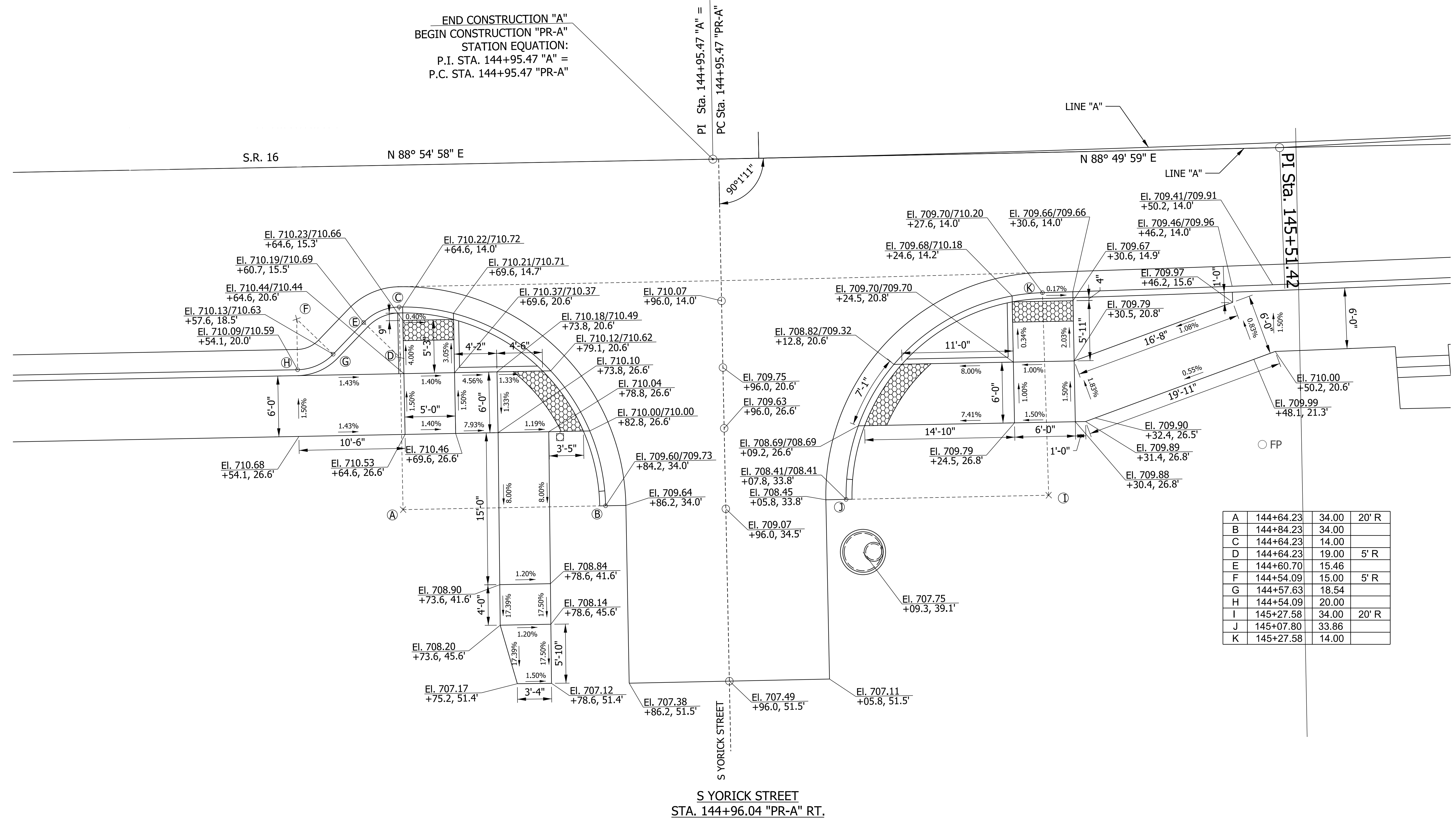
**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**STREET APPROACH DETAILS**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 5'		
VERTICAL SCALE	DESIGNATION	
N/A	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	AD-10	29 of 141
CONTRACT	PROJECT	
R-39890	1600294	



END CONSTRUCTION "A"  
 BEGIN CONSTRUCTION "PR-A"  
 STATION EQUATION:  
 P.I. STA. 144+95.47 "A" =  
 P.C. STA. 144+95.47 "PR-A"



A	144+64.23	34.00	20' R
B	144+84.23	34.00	
C	144+64.23	14.00	
D	144+64.23	19.00	5' R
E	144+60.70	15.46	
F	144+54.09	15.00	5' R
G	144+57.63	18.54	
H	144+54.09	20.00	
I	145+27.58	34.00	20' R
J	145+07.80	33.86	
K	145+27.58	14.00	

S YORICK STREET  
 STA. 144+96.04 "PR-A" RT.

LEGEND:

- |  |                            |  |                           |  |                     |  |                         |
|--|----------------------------|--|---------------------------|--|---------------------|--|-------------------------|
|  | DETECTABLE WARNING SURFACE |  | EXISTING ELECTRIC MANHOLE |  | EXISTING GAS VALVE  |  | EXISTING TELEPHONE POLE |
|  | EXISTING FIRE HYDRANT      |  | EXISTING UTILITY POLE     |  | EXISTING GUY WIRE   |  | PROPOSED PLANTERS       |
|  | EXISTING WATER VALVE       |  | EXISTING ELECTRIC METER   |  | EXISTING LIGHT POLE |  |                         |

RECOMMENDED FOR APPROVAL  
 DESIGN ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

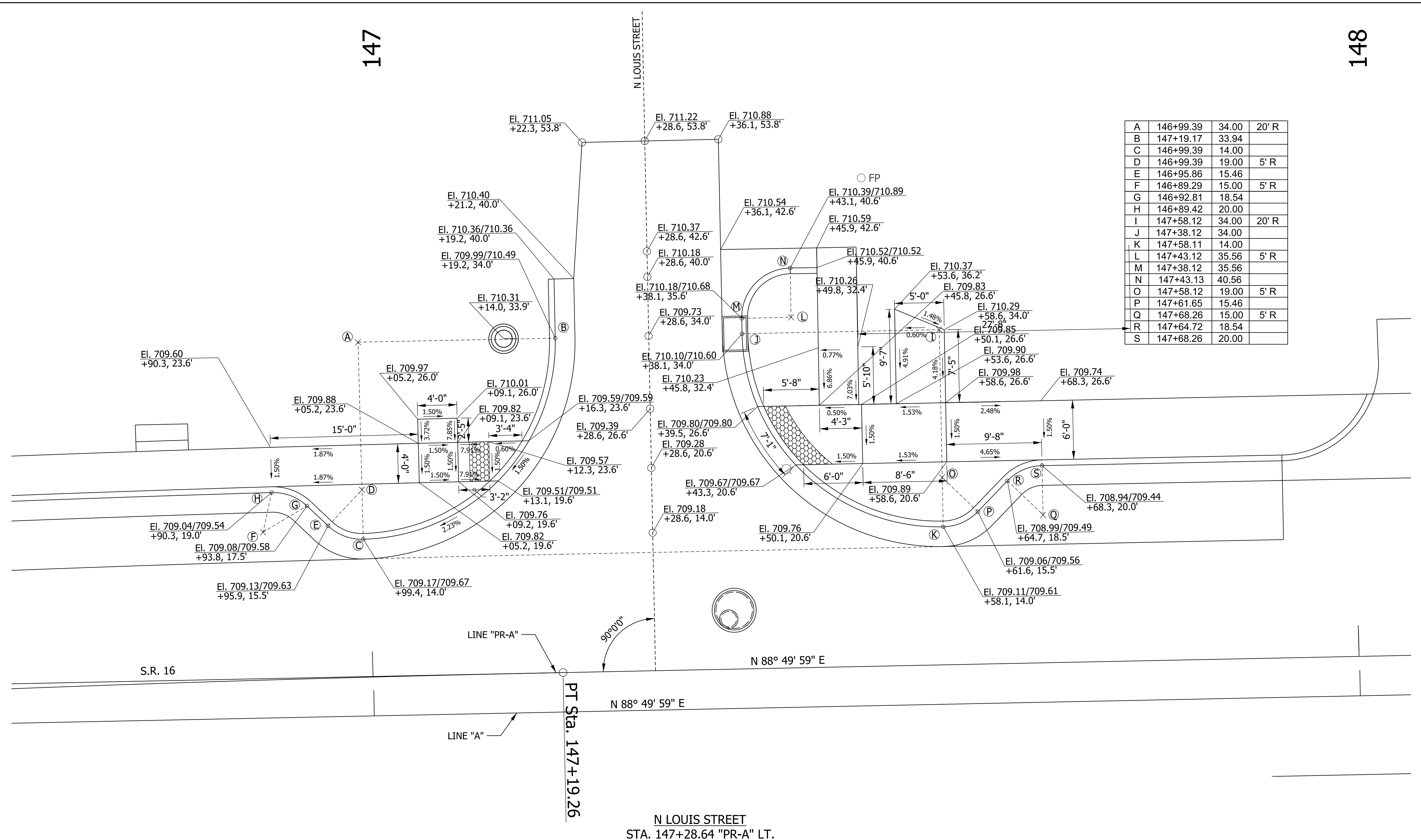
DESIGNED: MJS DRAWN: MJS

CHECKED: JMM CHECKED: JMM

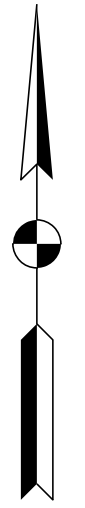
INDIANA  
 DEPARTMENT OF TRANSPORTATION

STREET APPROACH DETAILS

HORIZONTAL SCALE	BRIDGE FILE	
1" = 5'		
VERTICAL SCALE	DESIGNATION	
N/A	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	AD-12	31 of 141
CONTRACT	PROJECT	
R-39890	1600294	



A	146+99.39	34.00	20' R
B	147+19.17	33.94	
C	146+99.39	14.00	
D	146+99.39	19.00	5' R
E	146+95.86	15.46	
F	146+89.29	15.00	5' R
G	146+92.81	18.54	
H	146+89.42	20.00	
I	147+58.12	34.00	20' R
J	147+38.12	34.00	
K	147+58.11	14.00	
L	147+43.12	35.56	5' R
M	147+38.12	35.56	
N	147+43.13	40.56	
O	147+58.12	19.00	5' R
P	147+61.65	15.46	
Q	147+68.26	15.00	5' R
R	147+64.72	18.54	
S	147+68.26	20.00	



S.R. 16

LINE "PR-A"

PT Sta. 147+19.26

N 88° 49' 59" E

N LOUIS STREET  
STA. 147+28.64 "PR-A" LT.

LEGEND:

- DETECTABLE WARNING SURFACE
- EXISTING ELECTRIC MANHOLE
- EXISTING GAS VALVE
- EXISTING TELEPHONE POLE
- EXISTING FIRE HYDRANT
- EXISTING UTILITY POLE
- EXISTING GUY WIRE
- PROPOSED PLANTERS
- EXISTING WATER VALVE
- EXISTING ELECTRIC METER
- EXISTING LIGHT POLE

RECOMMENDED FOR APPROVAL \_\_\_\_\_  
DESIGN ENGINEER DATE

DESIGNED: MJS DRAWN: MJS

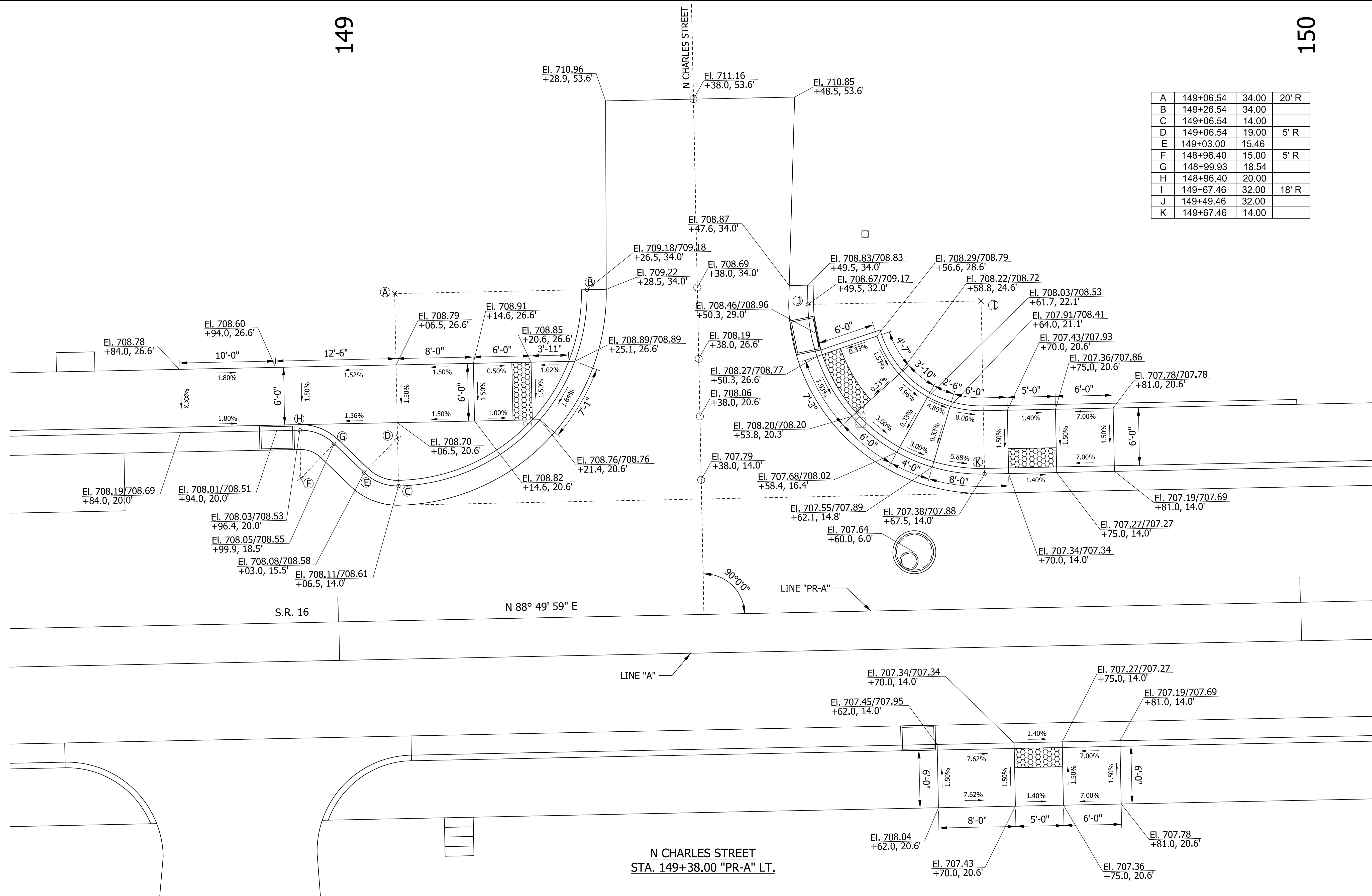
CHECKED: JMM CHECKED: JMM

INDIANA  
DEPARTMENT OF TRANSPORTATION

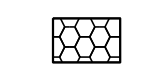






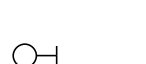




STREET APPROACH DETAILS

HORIZONTAL SCALE		BRIDGE FILE	
1" = 5'			
VERTICAL SCALE		DESIGNATION	
N/A		1600294	
SURVEY BOOK		DWG. NO.	SHEET NO.
		AD-13	32 of 141
CONTRACT		PROJECT	
R-39890		1600294	





**LEGEND:**

-  DETECTABLE WARNING SURFACE
-  EXISTING ELECTRIC MANHOLE
-  GVT
-  EXISTING GAS VALVE
-  EXISTING TELEPHONE POLE
-  EXISTING FIRE HYDRANT
-  EXISTING UTILITY POLE
-  EXISTING GUY WIRE
-  PROPOSED PLANTERS
-  EXISTING WATER VALVE
-  EXISTING ELECTRIC METER
-  EXISTING LIGHT POLE

RECOMMENDED FOR APPROVAL \_\_\_\_\_  
DESIGN ENGINEER DATE

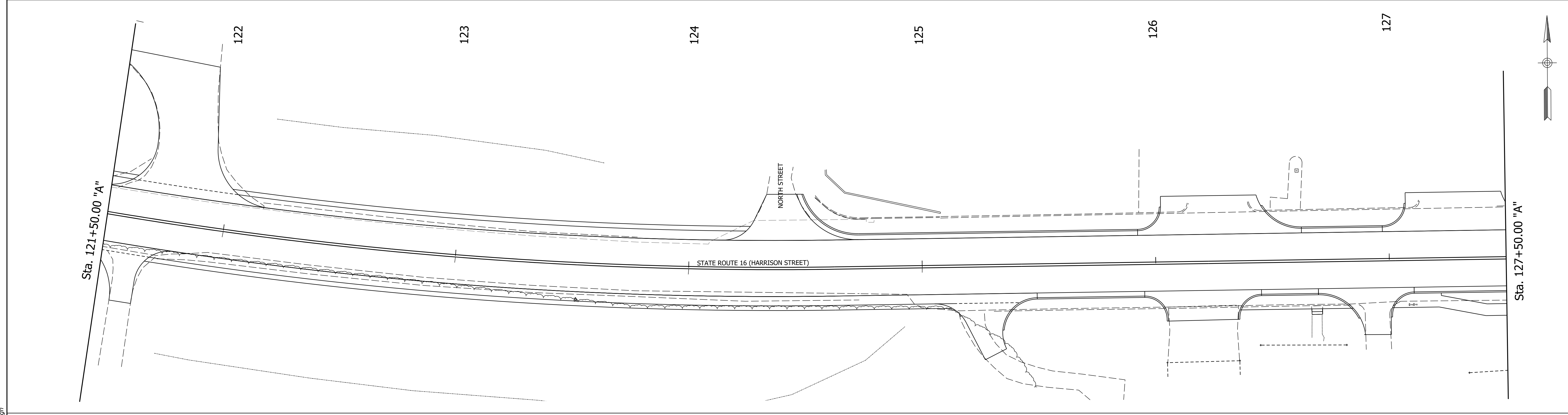
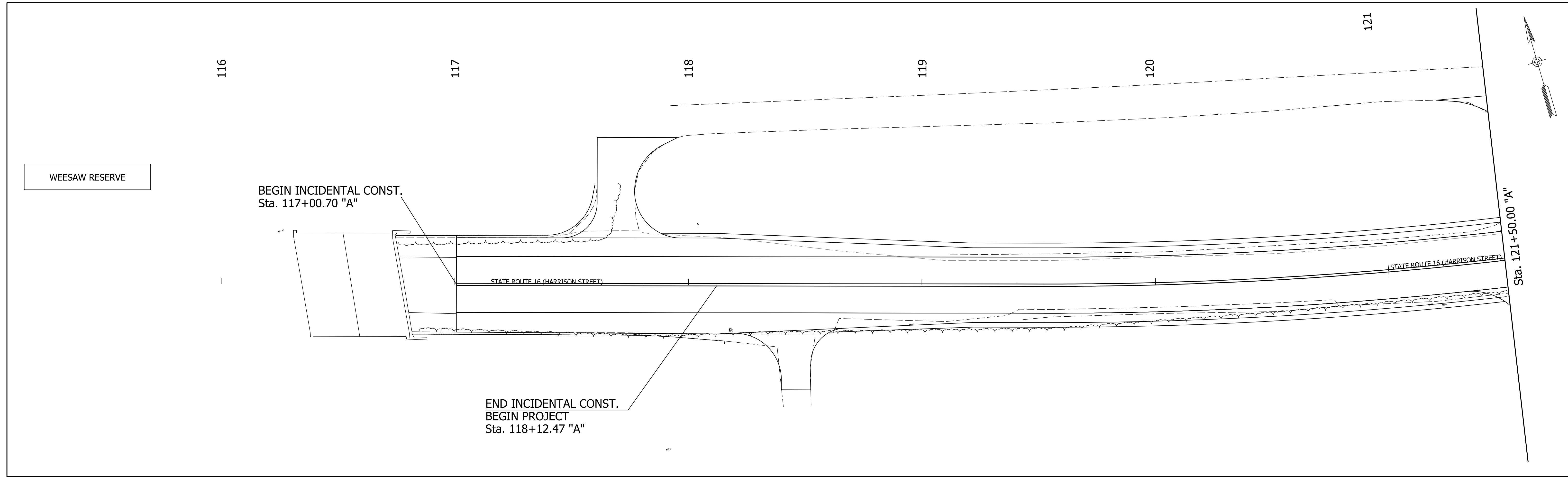
DESIGNED: MJS DRAWN: MJS

CHECKED: JMM CHECKED: JMM

INDIANA  
DEPARTMENT OF TRANSPORTATION

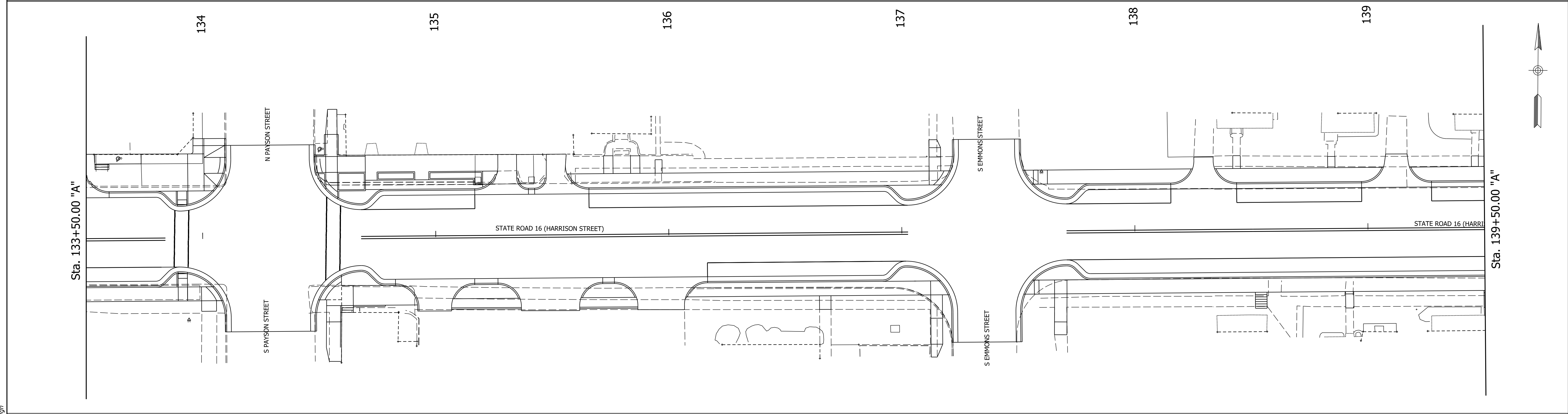
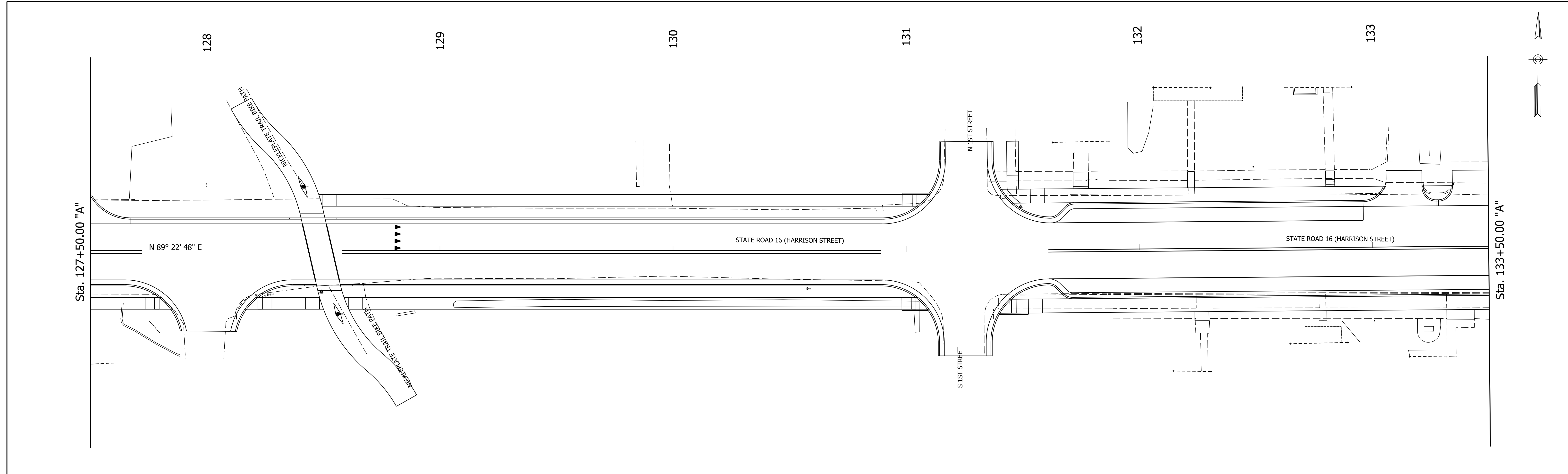
STREET APPROACH DETAILS

HORIZONTAL SCALE	BRIDGE FILE	
1" = 5'		
VERTICAL SCALE	DESIGNATION	
N/A	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	AD-14	33 of 141
CONTRACT	PROJECT	
R-39890	1600294	



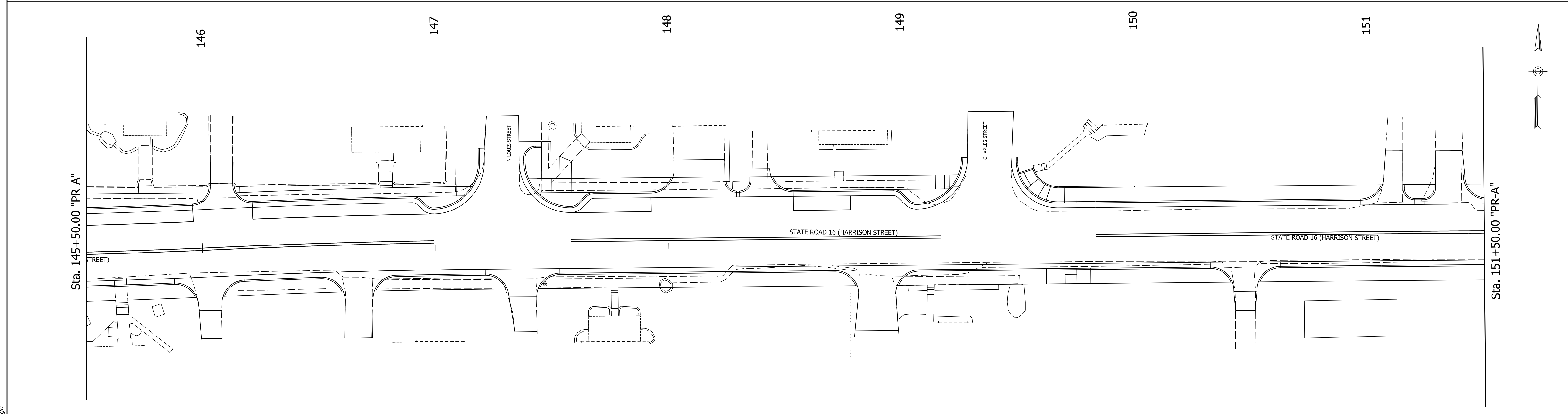
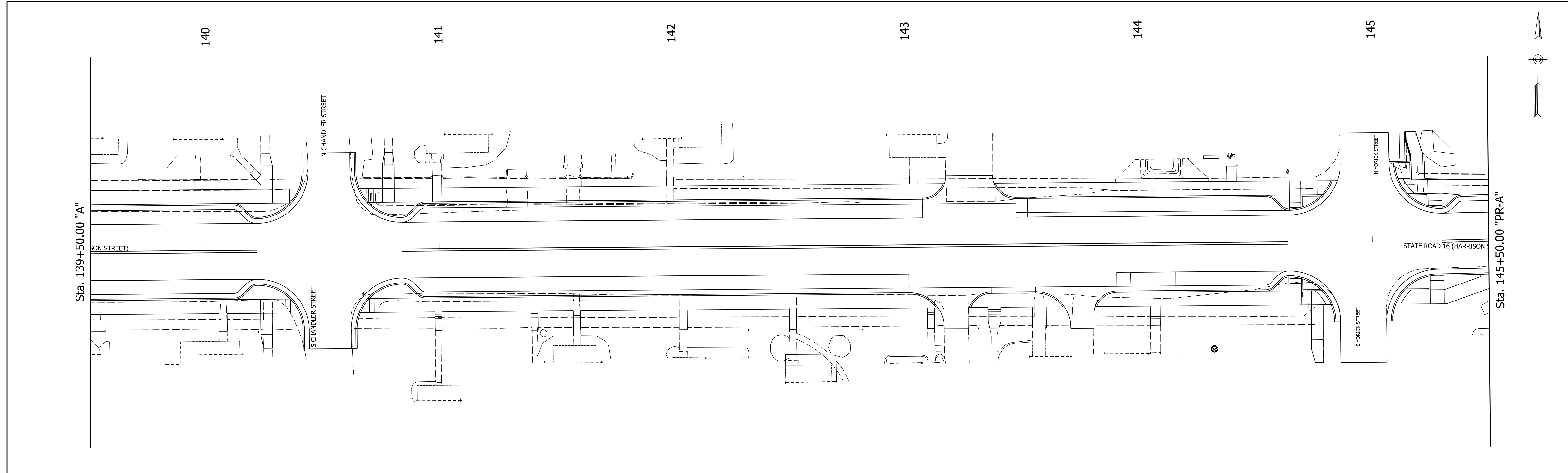
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	RECOMMENDED FOR APPROVAL _____	<b>INDIANA</b>		
	DESIGN ENGINEER _____ DATE _____	<b>DEPARTMENT OF TRANSPORTATION</b>		
DESIGNED: MJS	DRAWN: KSC	<b>PAVEMENT MARKING PLAN</b>		
CHECKED: JMM	CHECKED: JMM	<b>STA. 117+00.70 "A" TO STA. 127+50 "A"</b>		
		HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
		VERTICAL SCALE N/A	DESIGNATION 1600294	
		SURVEY BOOK	DWG. NO. PM-01	SHEET NO. 34 of 141
		CONTRACT R-39890	PROJECT 1600294	



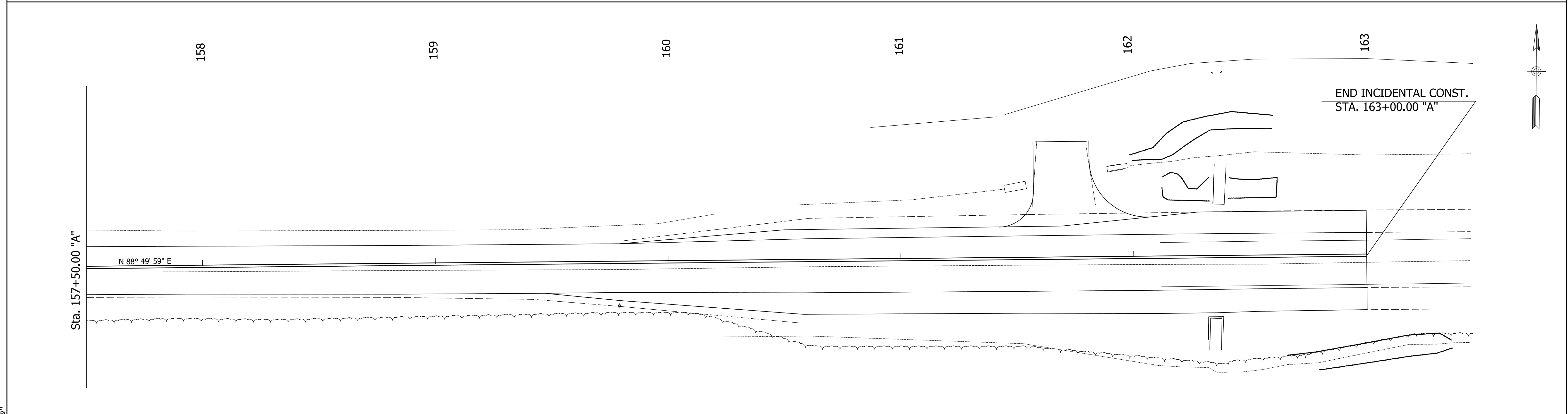
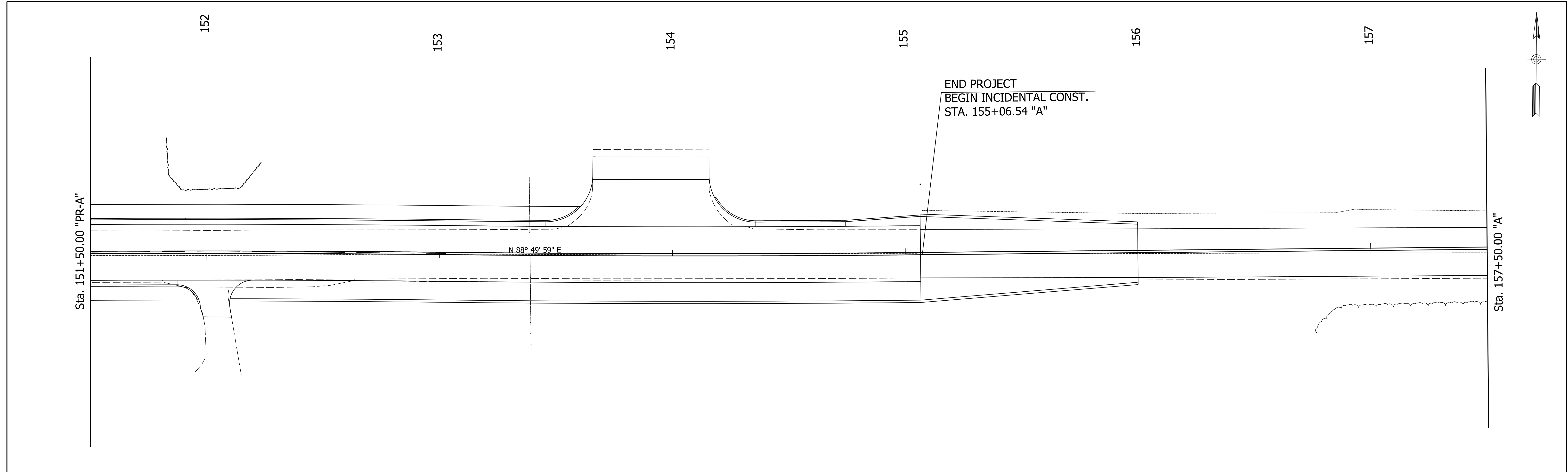
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	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	<b>INDIANA</b> <b>DEPARTMENT OF TRANSPORTATION</b>	HORIZONTAL SCALE 1" = 20' VERTICAL SCALE N/A	BRIDGE FILE DESIGNATION 1600294
DESIGNED: MJS	DRAWN: KSC	<b>PAVEMENT MARKING PLAN</b> <b>STA. 127+50 "A" TO STA. 139+50 "A"</b>	SURVEY BOOK	DWG. NO. PM-02
CHECKED: JMM	CHECKED: JMM		CONTRACT R-39890	SHEET NO. 35 of 141
				PROJECT 1600294



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	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	<b>INDIANA</b> <b>DEPARTMENT OF TRANSPORTATION</b>	HORIZONTAL SCALE 1" = 20' VERTICAL SCALE N/A	BRIDGE FILE DESIGNATION 1600294
	DESIGNED: MJS      DRAWN: KSC CHECKED: JMM      CHECKED: JMM	<b>PAVEMENT MARKING PLAN</b> <b>STA. 139+50 "A" TO STA. 151+50 "PR-A"</b>	SURVEY BOOK CONTRACT R-39890	DWG. NO. SHEET NO. PM-03 36 of 141 PROJECT 1600294



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	RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____	<b>INDIANA</b>			<b>BRIDGE FILE</b>			
					<b>DEPARTMENT OF TRANSPORTATION</b>			DESIGNATION 1600294		
				<b>PAVEMENT MARKING PLAN</b>			SURVEY BOOK			
				<b>STA. 151+50 "A" TO STA. 163+00 "A"</b>			DWG. NO. PM-04		SHEET NO. 37 of 141	
				DESIGNED: MJS      DRAWN: KSC			CONTRACT R-39890			
				CHECKED: JMM      CHECKED: JMM			PROJECT 1600294			





**STRUCTURE DATA**

STRUCTURE NO.	LOCATION			STRUCTURE TYPE	SIZE IN.	PIPE TYPE	LENGTH FT.	SKEW	FLOW LINE			SERVICE LIFE YR.	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 1 CYS	VELOCITY FPS	REVEMENT RIPRAP TONS	CLASS 1 RIPRAP TONS	GEOTEXTILE SYD	PIPE END SECTION EA	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR. NO.	REMARKS				
	STATION	LEFT	CROSS RIGHT						COVER FT.	UP STREAM ELEV.	DOWN STREAM ELEV.											TYPE	SLOPE	EA	TYPE	SLOPE	EA						
																														TYPE	SLOPE	EA	TYPE
102	124+54			MOD. MH C-15	24	2	18		4.8	696.73	696.68	75	NA	7.0	1	15	4.3															Exist. Pipe	
103	125+85			MHC-4	24	2	133		6.7	697.23	696.83	75	NA	7.0	1	133	4.3															102	
104	125+85			INLET C-15	12	2	2		2.6	701.82	701.72	75	NA	7.0	1	1	11.0															103	
105	125+85			INLET B-15	12	2	24		2.2	702.16	701.92	75	NA	7.0	1	6	4.9															104	
106	126+93			MHC-4	24	2	108		6.9	697.59	697.33	75	NA	7.0	1	130	3.8															103	
107	126+93			INLET C-15	12	2	2		2.6	702.43	702.33	75	NA	7.0	1	1	11.0															106	
108	127+15			INLET B-15	12	2	33		2.2	702.86	702.53	75	NA	7.0	1	8	4.9															107	
109	129+40			MHC-4	24	2	248		5.8	698.29	697.69	75	NA	7.0	1	278	3.8															106	
110	129+40			INLET C-15	12	2	2		2.6	702.02	701.92	75	NA	7.0	1	1	11.0															109	
111	129+40			INLET B-15	12	2	24		2.2	702.36	702.12	75	NA	7.0	1	6	4.9															110	
112	130+30			MHC-4	24	2	90		4.9	698.71	698.39	75	NA	7.0	1	84	4.7															109	
113	130+30			INLET C-15	12	2	2		2.6	701.54	701.44	75	NA	7.0	1	1	11.0															112	
114	130+30			INLET B-15	12	2	24		2.2	701.88	701.64	75	NA	7.0	1	6	4.9															113	
115	130+83			MHC-4	24	2	54		4.5	699.00	698.81	75	NA	7.0	1	44	4.7															112	
116	130+83			INLET C-15	12	2	2		2.6	701.44	701.34	75	NA	7.0	1	1	11.0															115	
117	130+83			INLET B-15	12	2	24		2.2	701.78	701.54	75	NA	7.0	1	6	4.9															116	
119	131+75			INLET C-15	12	2	2		2.8	701.39	701.29	75	NA	7.0	1	1	11.0															120	
120	131+75			MHC-4	18	2	92		3.8	699.96	699.40	75	NA	7.0	1	56	5.0															115	
121	131+75			INLET C-15	12	2	33		2.4	701.94	701.78	75	NA	7.0	1	9	3.5															120	
122	132+03			INLET B-15	12	2	28		2.2	702.18	702.04	75	NA	7.0	1	7	3.5															119	
123	132+03			INLET B-15	12	2	28		2.2	702.18	702.04	75	NA	7.0	1	7	3.5															121	
124	134+10			INLET C-15	12	2	20		2.4	704.10	703.98	75	NA	7.0	1	5	3.8															125	
125	134+12			MHC-4	18	2	237		3.4	702.43	700.06	75	NA	7.0	1	120	6.4															120	
126	134+48			INLET B-15	12	2	34		2.2	704.40	704.20	75	NA	7.0	1	8	3.8															124	
127	134+80			INLET C-15	12	2	2		2.4	704.05	703.95	75	NA	7.0	1	1	11.0															128	
128	134+80			MHC-4	15	2	69		3.3	703.04	702.63	75	NA	7.0	1	29	4.4															125	
129	134+80			INLET C-15	12	2	33		2.3	704.09	703.95	75	NA	7.0	1	9	3.2															128	
130	135+08			INLET B-15	12	2	28		2.2	704.27	704.15	75	NA	7.0	1	7	3.2															127	
131	135+23			INLET B-15	12	2	43		2.2	704.32	704.19	75	NA	7.0	1	10	2.7															129	
132	137+20			PIPE CATCH BASIN. 24 IN	12	2	22		2.3	704.94	704.81	75	NA	7.0	1	6	3.8															133	
133	137+05			MHC-4	12	2	225		3.0	704.37	703.24	75	NA	7.0	1	78	3.5															128	
134	137+51			INLET B-15	12	2	29		2.2	705.71	705.04	75	NA	7.0	1	7	7.5															132	
135	137+84			INLET C-15	12	2	76		2.4	704.95	704.57	75	NA	7.0	1	21	3.5															133	
137	137+84			INLET C-15	12	2	33		2.4	704.95	704.79	75	NA	7.0	1	9	3.5															135	
138	138+12			INLET B-15	12	2	28		2.2	705.19	705.05	75	NA	7.0	1	7	3.5															135	
139	138+12			INLET B-15	12	2	28		2.2	705.19	705.05	75	NA	7.0	1	7	3.5															137	
140	140+35			PIPE CATCH BASIN. 18 IN	12	2	34		2.2	706.01	705.67	75	NA	7.0	1	10	4.9															141	

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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>		HORIZONTAL SCALE N/A	BRIDGE FILE
	DESIGNED: MJS DRAWN: MAK	<b>STRUCTURE DATA TABLE</b>	VERTICAL SCALE N/A	DESIGNATION 1600294
CHECKED: JMM CHECKED: JMM	SURVEY BOOK		DWG. NO. AT-02	SHEET NO. 40 of 141
	CONTRACT R-39890		PROJECT 1600294	



**STRUCTURE DATA**

STRUCTURE NO.	LOCATION			STRUCTURE TYPE	SIZE	PIPE TYPE	LENGTH	SKEW	FLOW LINE			SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL	VELOCITY	REVEITEMENT RIPRAP	CLASS I RIPRAP	GEOTEXTILE	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR. NO.	REMARKS			
	STATION	LEFT	CROSS						RIGHT	COVER	UP STREAM											DOWN STREAM	TYPE	SLOPE	EA.	TYPE	SLOPE			EA.		
																															FT.	ELEV.
141	140+71				12	2	56		3.2	705.57	705.01	75	NA	7.0	1	19	4.9													142		
142	140+82				12	2	19		5.9	702.05	701.81	75	NA	7.0	1	11	5.6														197	
143	141+90				12	2	33		2.8	703.93	703.60	75	NA	7.0	1	11	4.9														146	
144	142+18				12	2	28		2.5	704.22	704.03	75	NA	7.0	1	8	4.1														143	
145	142+46				12	2	28		2.2	704.52	704.32	75	NA	7.0	1	7	4.1														144	
146	141+90				12	2	105		3.4	703.41	702.15	75	NA	7.0	1	56	5.4														142	
147	141+90				12	2	2		3.1	703.61	703.51	75	NA	7.0	1	1	11.0														146	
148	142+18				12	2	28		2.8	703.91	703.71	75	NA	7.0	1	9	4.1														147	
149	142+46				12	2	28		2.6	704.21	704.01	75	NA	7.0	1	8	4.1														148	
150	143+95				12	2	2		2.2	706.14	706.04	75	NA	7.0	1	0	11.0														151	
151	143+95				12	2	117		2.8	705.71	705.13	75	NA	7.0	1	41	3.5														155	
152	143+95				12	2	33		2.2	706.14	705.81	75	NA	7.0	1	9	4.9														151	
153	144+85				12	2	26		2.2	707.29	706.35	75	NA	7.0	1	4	9.3														154	
154	145+13				12	2	26		1.2	706.25	706.18	75	NA	7.0	1	5	2.7														155	
155	145+12				12	2	54		3.7	705.03	704.39	75	NA	7.0	1	16	5.3														156	
156	145+09				12	2	5		1.8	704.29	704.20	75	NA	7.0	1	1	6.5														EX2307	
157	146+26				12	2	30		1.0	706.65	706.39	75	NA	7.0	1	3	4.6														158	
158	146+55				12	2	2		1.3	706.39	706.29	75	NA	7.0	1	0	11.0														159	
159	146+55				12	2	83		1.8	706.19	705.94	75	NA	7.0	1	17	2.7														164	
160	146+26				12	2	19		1.0	706.77	706.58	75	NA	7.0	1	2	4.9														161	
161	146+45				12	2	29		1.2	706.58	706.29	75	NA	7.0	1	4	4.9														159	
162	147+14				12	2	23		2.2	706.84	706.73	75	NA	7.0	1	6	3.5														163	
163	147+38				12	2	28		2.5	706.63	706.35	75	NA	7.0	1	6	4.9														164	
164	147+37				15	2	123		2.2	705.74	705.45	75	NA	7.0	1	30	2.8														165	
165	148+60				15	2	100		1.9	705.35	704.99	75	NA	7.0	1	19	3.4														171	
166	148+60				12	2	20		1.6	705.68	705.62	75	NA	7.0	1	4	2.7														165	
167	148+64				12	2	14		1.5	705.67	705.62	75	NA	7.0	1	2	2.7														165	
168	148+94				12	2	30		1.1	705.86	705.77	75	NA	7.0	1	4	2.7														167	
169	149+60				12	2	19		1.0	705.06	705.00	75	NA	7.0	1	2	2.8														171	
170	149+50				12	2	26		2.2	705.76	705.66	75	NA	7.0	1	4	3.1														171	
171	149+60				15	2	110		1.3	704.89	703.64	75	NA	7.0	1	16	6.1														173	
172	150+70				15	2	20		1.2	703.37	703.25	75	NA	7.0	1	1	4.4														OUT	
173	150+70				15	2	7		1.1	703.54	703.47	75	NA	7.0	1	1	5.9														172	
174	150+70				12	2	19		1.0	703.78	703.68	75	NA	7.0	1	2	3.5														173	
175	151+70				12	2	9		1.0	702.43	702.40	75	NA	7.0	1	0	2.7														OUT	
176	151+70				12	2	5		1.2	702.44	702.43	75	NA	7.0	1	1	2.7														175	
177	151+70				12	2	19		1.0	702.47	702.44	75	NA	7.0	1	2	1.9														176	

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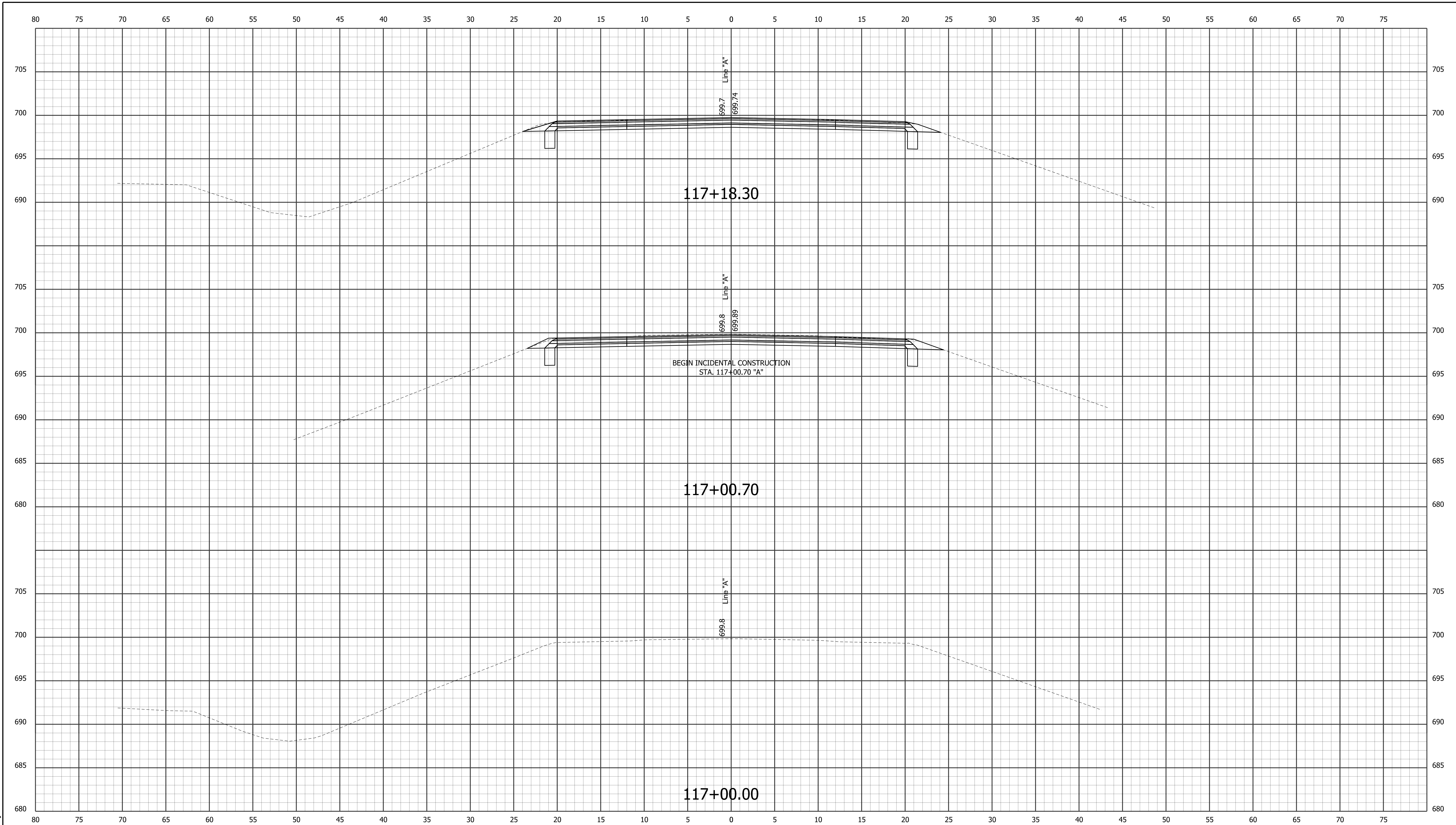
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	DESIGNED: MJS      DRAWN: MAK	<b>STRUCTURE DATA TABLE</b>	VERTICAL SCALE N/A	DESIGNATION 1600294
CHECKED: JMM      CHECKED: JMM	SURVEY BOOK		DWG. NO.      SHEET NO. AT-02      41 of 141	
	CONTRACT R-39890		PROJECT 1600294	

**STRUCTURE DATA**

STRUCTURE NUMBER	LOCATION			STRUCTURE TYPE	SIZE IN	PIPE TYPE	LENGTH FT.	SKEW	FLOW LINE			SERVICE LIFE YR	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL CYS	VELOCITY FPS	REVEITEMENT RIPRAP TONS	CLASS 1 RIPRAP TONS	GEOTEXTILE SYD	PIPE END SECTION EA	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR. NO.	REMARKS	
	STATION	LEFT	CROSS RIGHT						COVER FT.	UP STREAM ELEV.	DOWN STREAM ELEV.											TYPE	SLOPE	EA.	TYPE	SLOPE	EA.			
178	152+55			END SECTION	12	2	8		1.0	701.81	701.78	75	NA	7.0	1	0	3.1											OUT		
179	152+95			END SECTION	12	2	9		1.0	701.68	701.67	75	NA	7.0	1	0	1.6												OUT	
180	153+22			END SECTION	12	2	9		1.0	701.66	701.63	75	NA	7.0	1	0	2.7												OUT	
181	153+90			END SECTION	18	2	59		1.2	701.96	701.47	75	NA	7.0	1	11	2.5												OUT	
182	151+25			END SECTION	18	2	43		1.8	702.98	702.62	75	NA	7.0	1	12	5.9												OUT	
185	154+40			END SECTION	12	2	8		1.4	701.59	701.51	75	NA	7.0	1	0	4.9												OUT	
193	130+96			PIPE CATCH BASIN 18 IN	12	2	18		2.2	702.90	702.54	75	NA	7.0	1	4	6.9												115	
194	131+40			PIPE CATCH BASIN 18 IN	12	2	40		2.2	702.39	701.49	75	NA	7.0	1	11	7.4												119	
195	124+45			MH C-4	24	2	184		5.1	696.58	694.37	75	NA	7.0	1	141	8.5												196	
196	122+60			END SECTION	24	2	25		3.7	694.27	694.17	75	NA	7.0	1	9	4.9												OUT	
197	140+72			PIPE CATCH BASIN 18 IN	12	2	5		5.9	700.08	700.05	75	NA	7.0	1	2	3.8												OUT	
198	117+70			END SECTION	24	2	45		3.9	689.28	689.14	75	NA	7.0	1	32	4.3												OUT	
199	121+80			END SECTION	24	2	62		2.6	691.25	690.33	75	NA	7.0	1	33	9.5												OUT	
200	141+05			PIPE CATCH BASIN 18 IN	12	2	27		2.2	704.19	704.06	75	NA	7.0	1	9	3.5												142	
201	142+18			PIPE CATCH BASIN 18 IN	12	2	14		2.2	704.19	704.09	75	NA	7.0	1	4	4.1												148	
202	142+56			PIPE CATCH BASIN 18 IN	12	2	17		2.2	704.39	704.31	75	NA	7.0	1	0	3.5												149	
203	149+20			PIPE CATCH BASIN 18 IN	12	2	28		2.0	706.04	705.96	75	NA	7.0	1	4	2.7												168	
204	137+00			PIPE CATCH BASIN 18 IN	12	2	10		2.2	704.78	704.68	75	NA	7.0	1	0	4.9												133	
205	137+05			PIPE CATCH BASIN 18 IN	12	2	45		2.2	704.69	704.47	75	NA	7.0	1	0	3.5												133	

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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE	
				N/A		
DESIGNED: MJS	DRAWN: MAK		STRUCTURE DATA TABLE	VERTICAL SCALE	DESIGNATION	
CHECKED: JMM	CHECKED: JMM			N/A	1600294	
				SURVEY BOOK	DWG. NO.	SHEET NO.
					AT-02	42 of 141
				CONTRACT	PROJECT	
				R-39890	1600294	



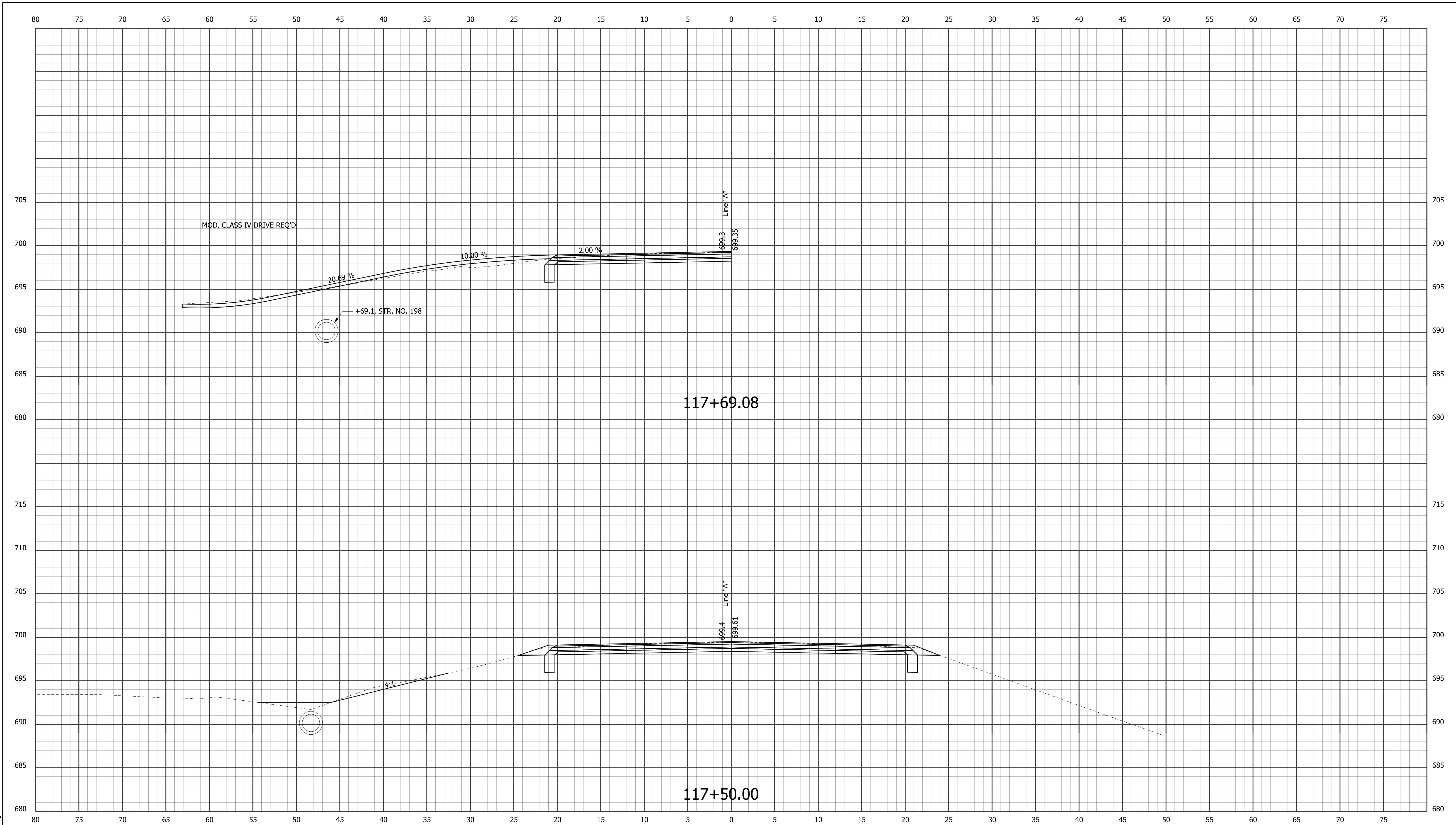
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: MJS	DRAWN: MJS				
CHECKED: JRA	CHECKED: JRA				

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 117+00.00 "A" TO 117+18.30"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-1	SHEET NO. 43 of 141
CONTRACT R-39890	PROJECT 1600294	



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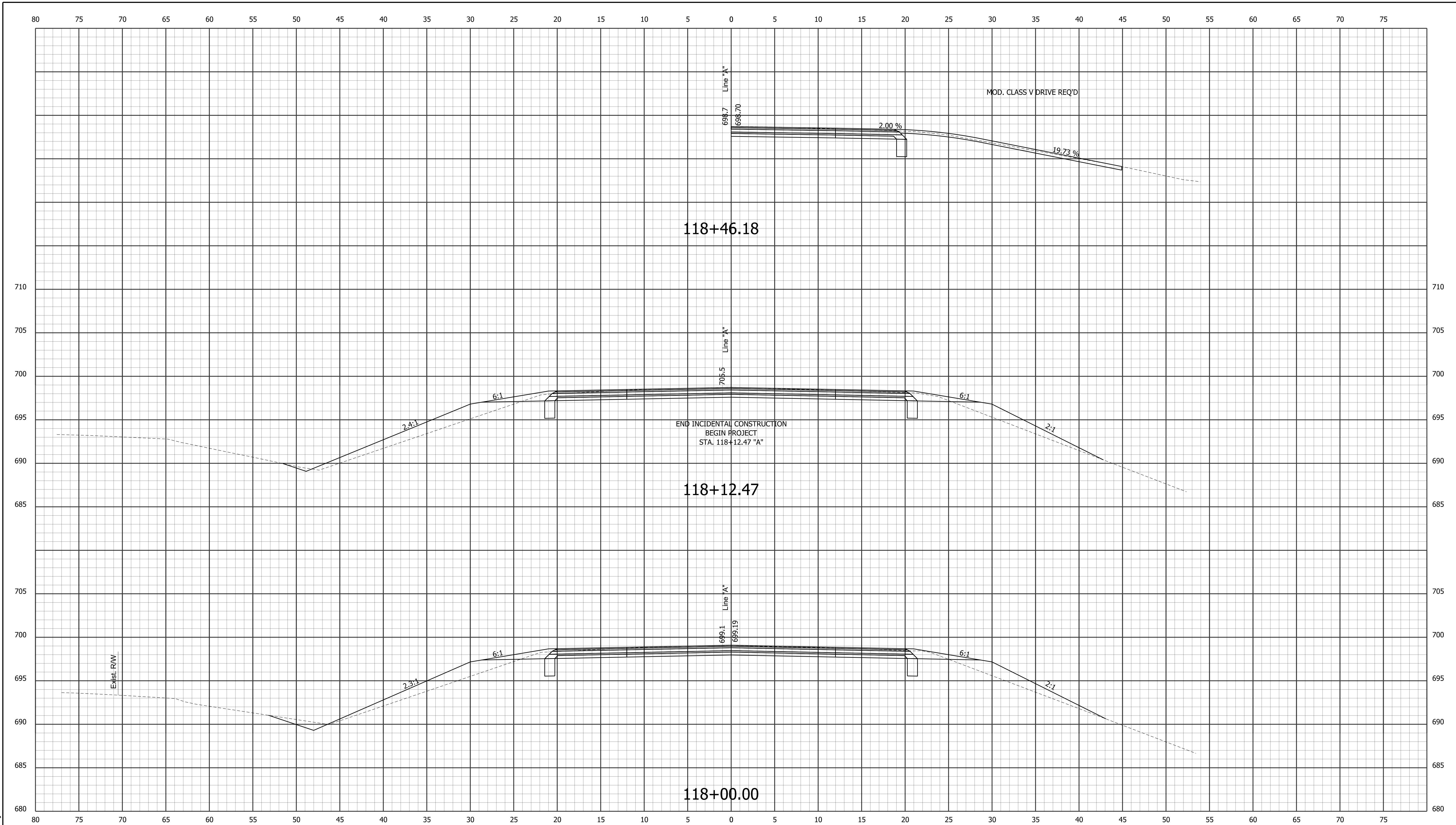
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: MJS	DRAWN: MJS				
CHECKED: JRA	CHECKED: JRA				

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 117+50.00 "A" TO 117+69.08"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-2	44 of 141	
CONTRACT R-39890	PROJECT 1600294		

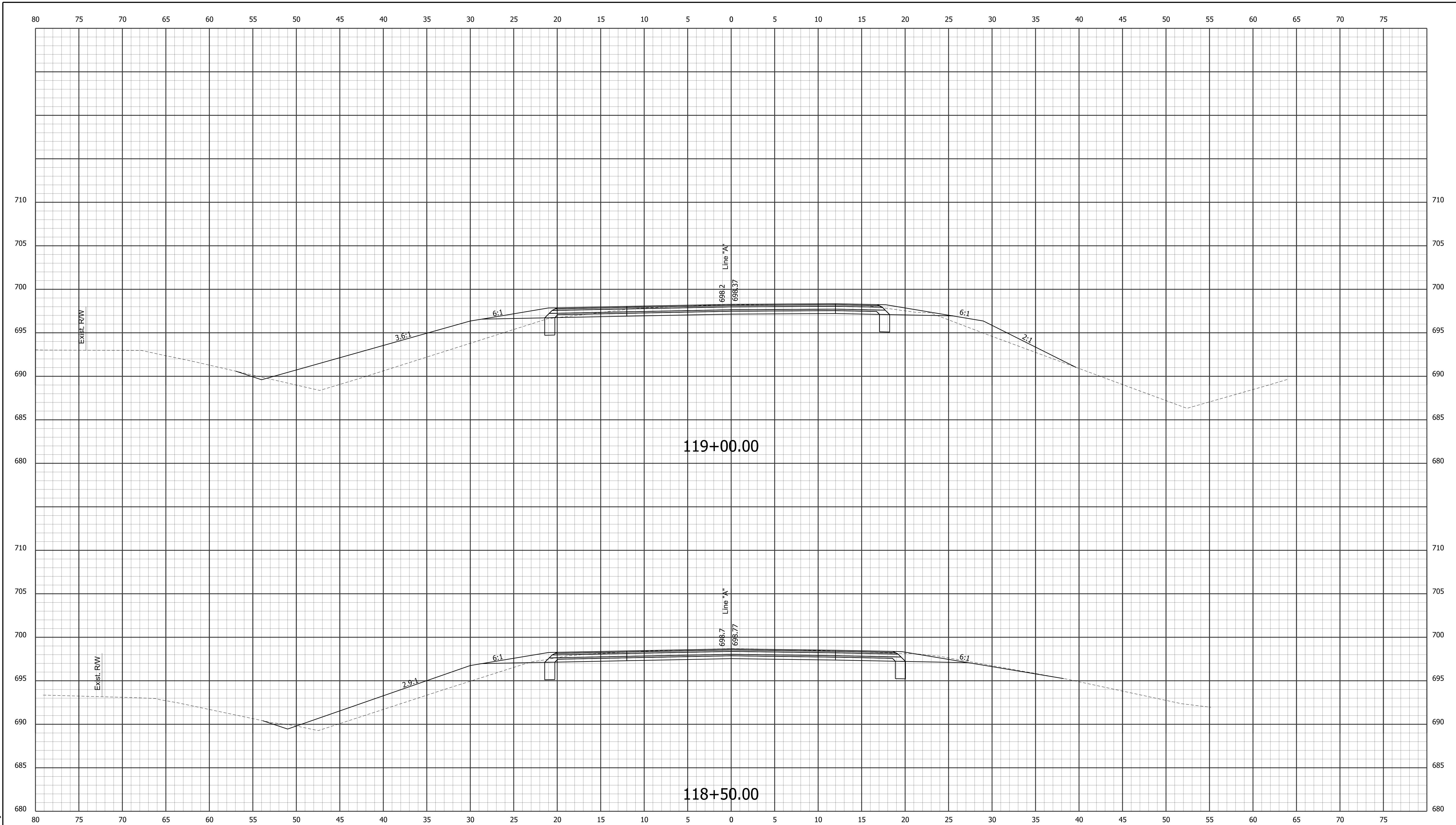


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RECOMMENDED FOR APPROVAL _____	
DESIGNED: MJS	DRAWN: MJS
CHECKED: JRA	CHECKED: JRA

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
**CROSS SECTIONS**  
 STA. 118+00.00 "A" TO 118+46.18"A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK XS-3	DWG. NO. 45	SHEET NO. 45 of 141
CONTRACT R-39890	PROJECT 1600294	



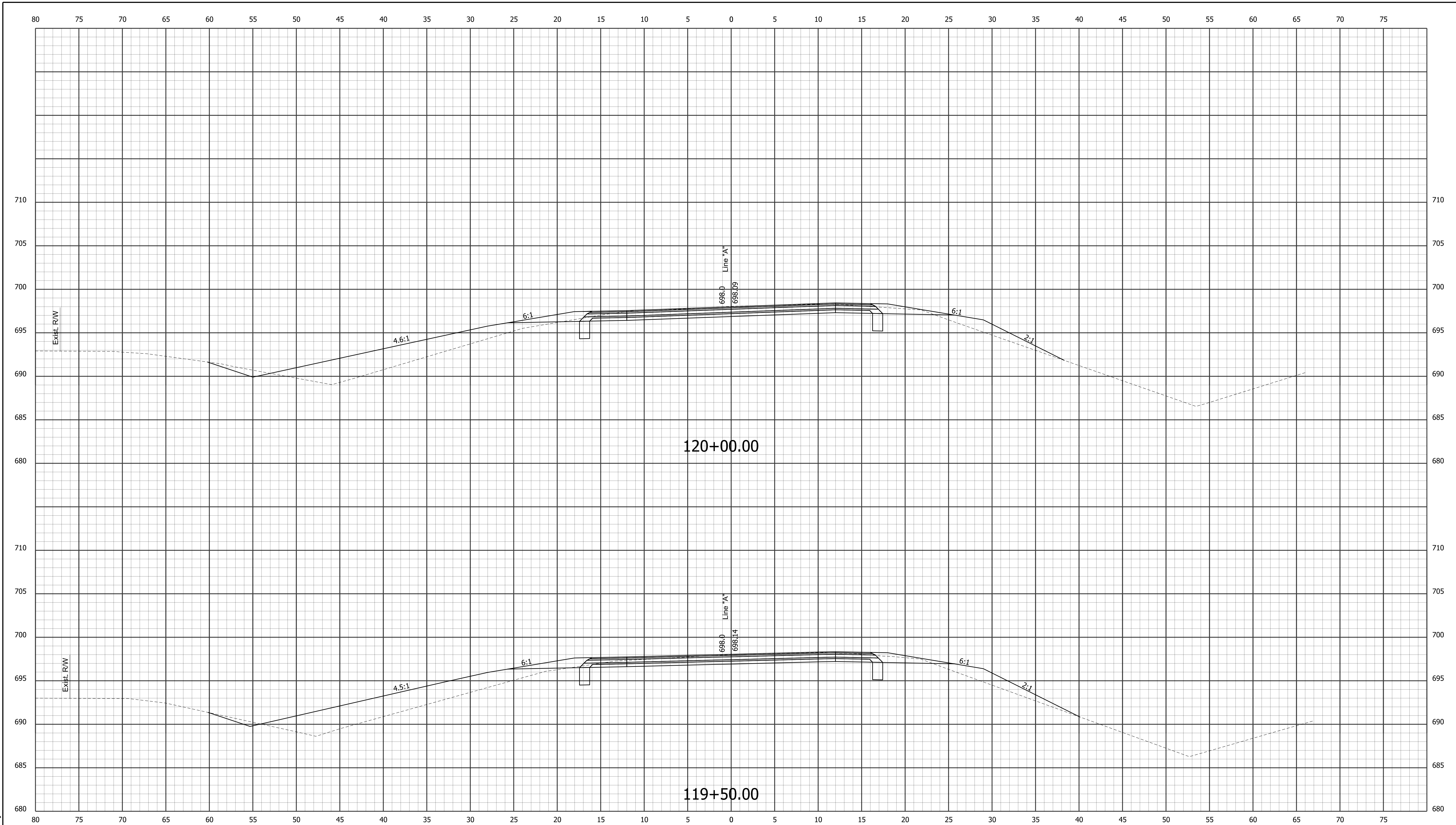
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RECOMMENDED FOR APPROVAL _____	
DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS
CHECKED: JRA	CHECKED: JRA

**INDIANA**  
DEPARTMENT OF TRANSPORTATION

**CROSS SECTIONS**  
STA. 118+50.00 "A" TO 119+00.00"A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-4	SHEET NO. 46 of 141
CONTRACT R-39890	PROJECT 1600294	



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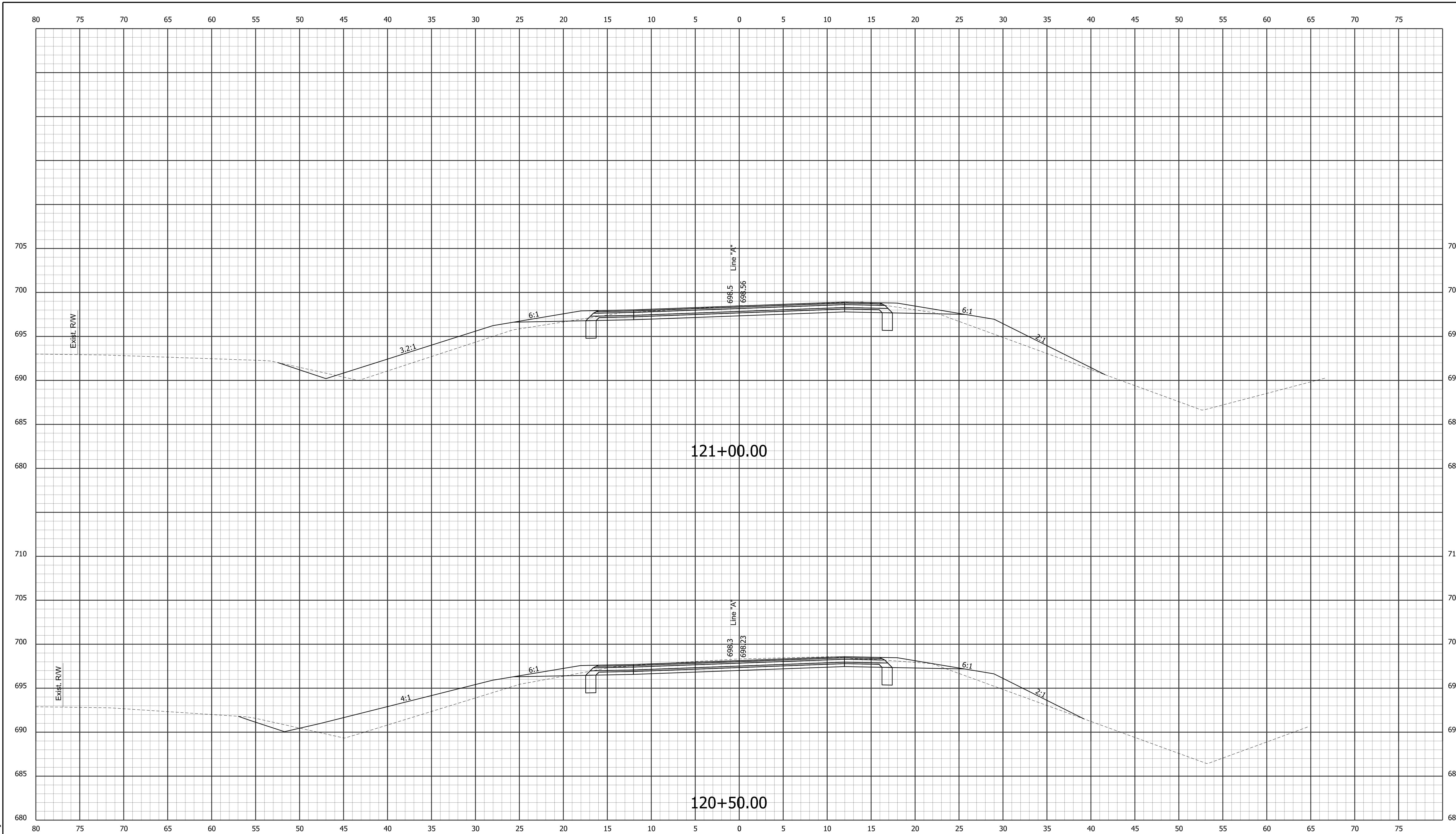
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 119+50.00 "A" TO 120+00.00"A"**

HORIZONTAL SCALE		BRIDGE FILE	
1" = 5'		N/A	
VERTICAL SCALE		DESIGNATION	
1" = 5'		1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-5	47 of 141	
CONTRACT	PROJECT		
R-39890	1600294		



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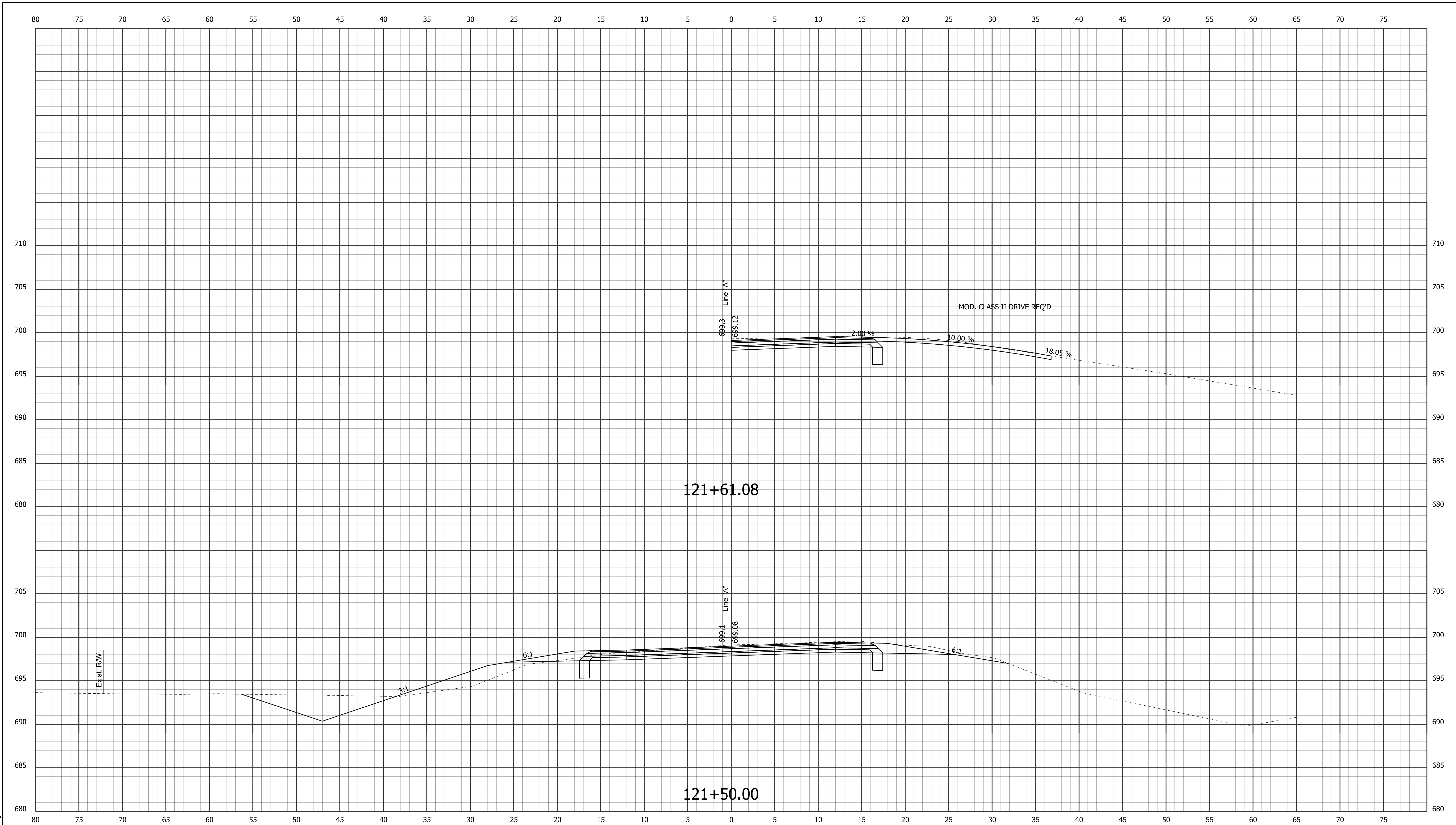
RECOMMENDED FOR APPROVAL _____	
DESIGNED: MJS	DRAWN: MJS
CHECKED: JRA	CHECKED: JRA

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 120+50.00 "A" TO 121+00.00"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-6	SHEET NO. 48 of 141
CONTRACT R-39890	PROJECT 1600294	





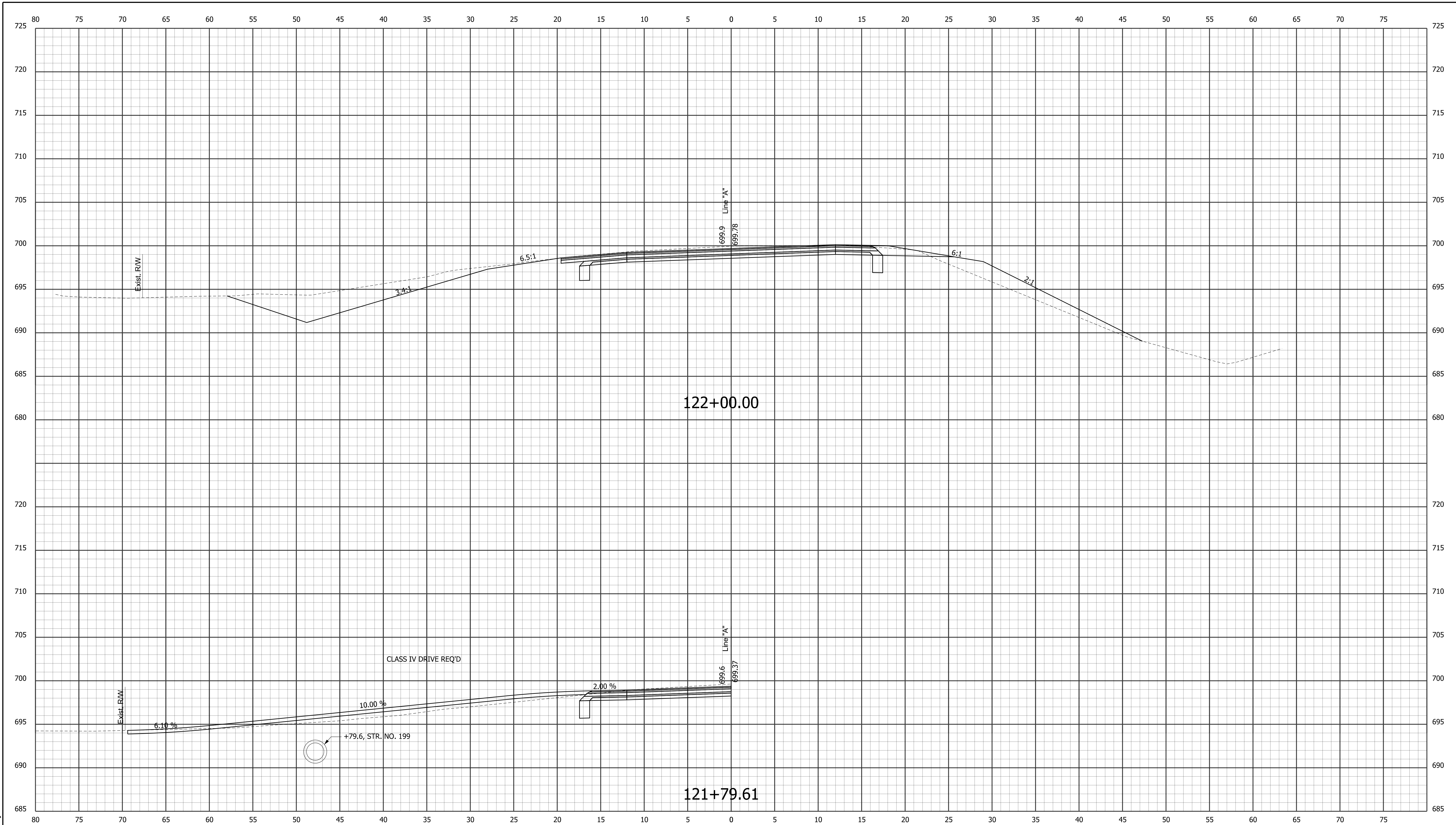
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 121+50.00 "A" TO 121+61.08"A"**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 5'	N/A	
VERTICAL SCALE	DESIGNATION	
1" = 5'	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-7	49 of 141
CONTRACT	PROJECT	
R-39890	1600294	



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122+00.00

121+79.61

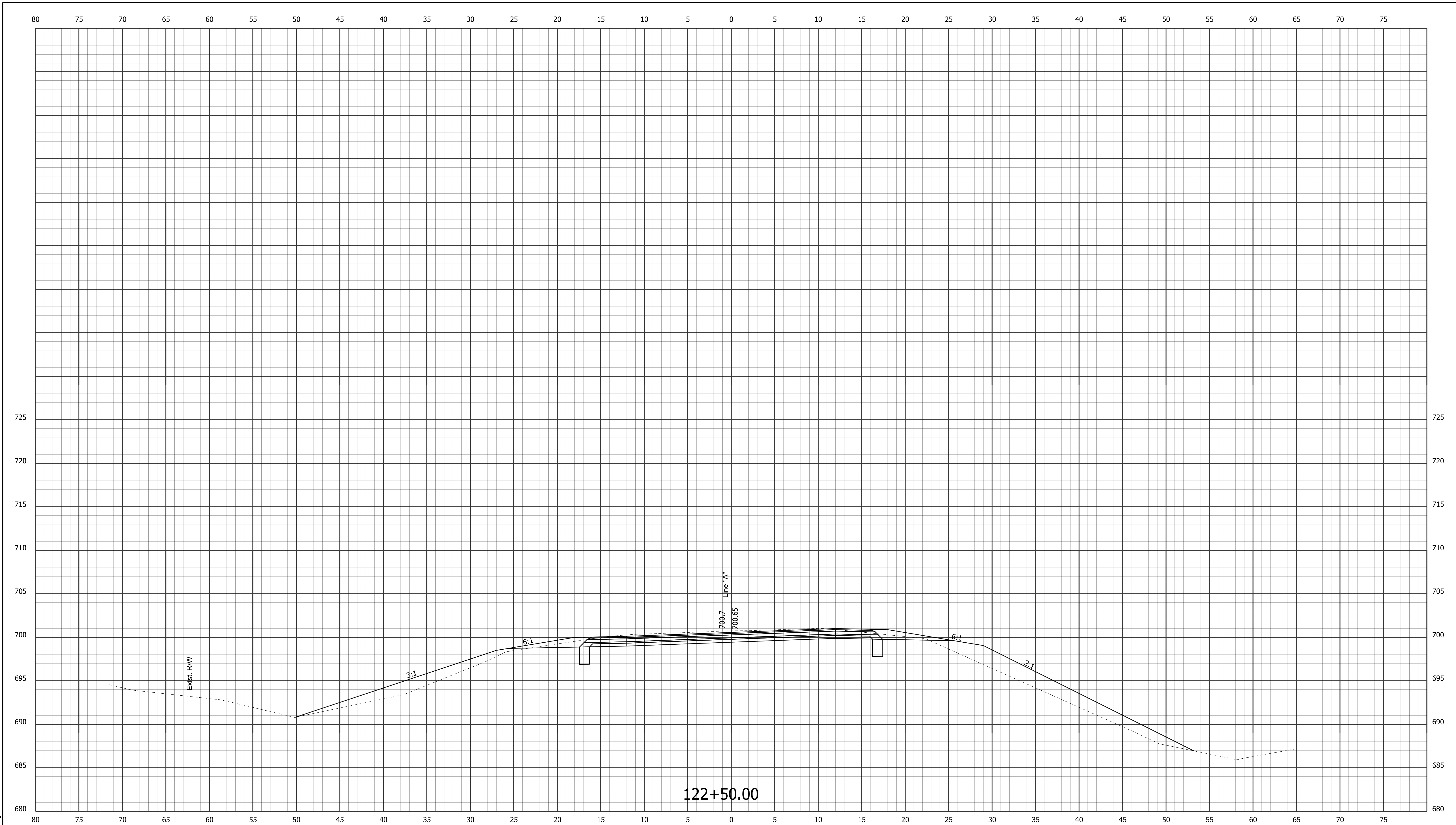
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 121+79.61 "A" TO 122+00.00"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-8	SHEET NO. 50 of 141
CONTRACT R-39890	PROJECT 1600294	



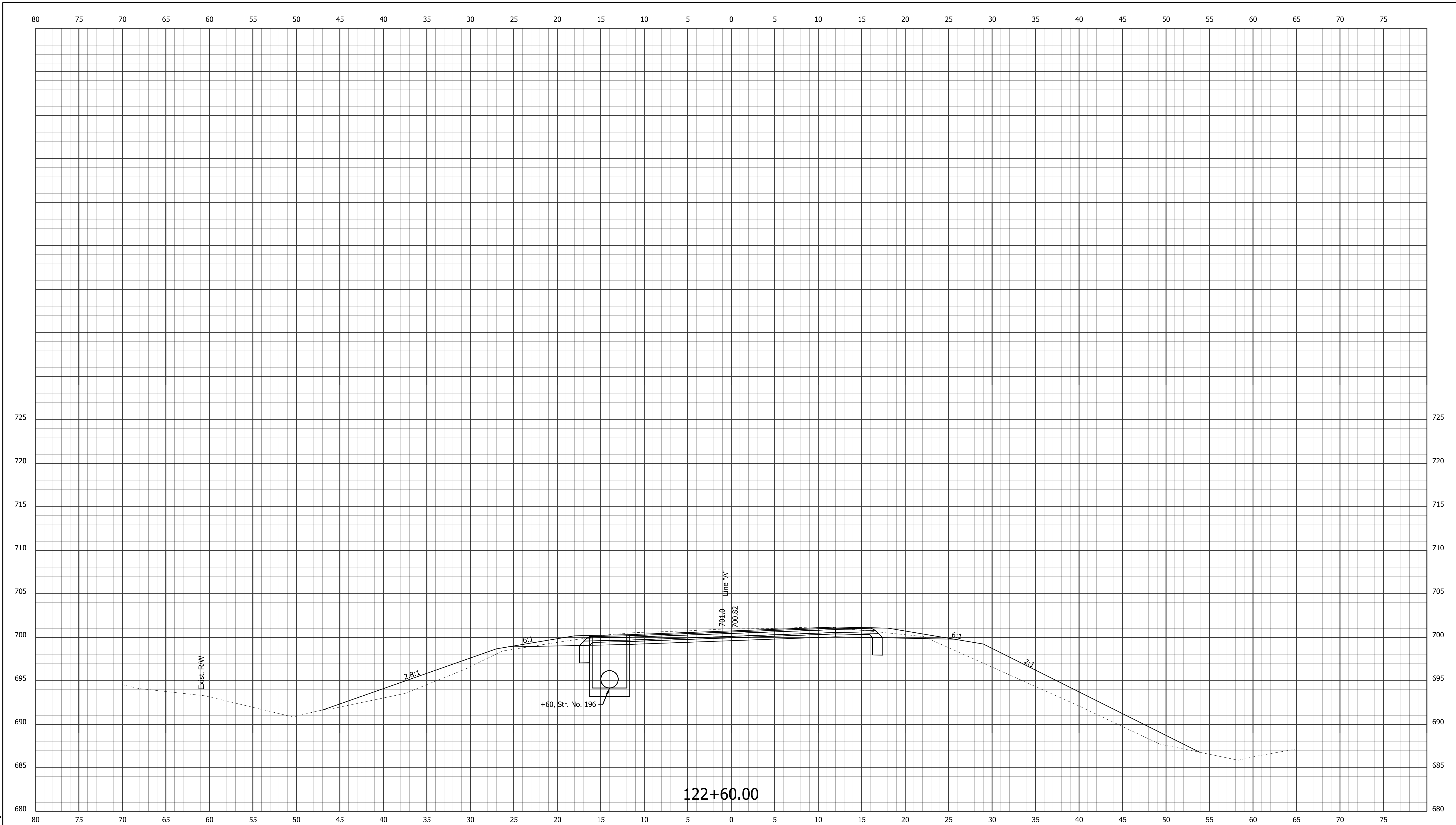
122+50.00

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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
**CROSS SECTIONS**  
**STA. 122+50.00 "A" TO 122+50.00"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-9	SHEET NO. 51 of 141
CONTRACT R-39890	PROJECT 1600294	



122+60.00

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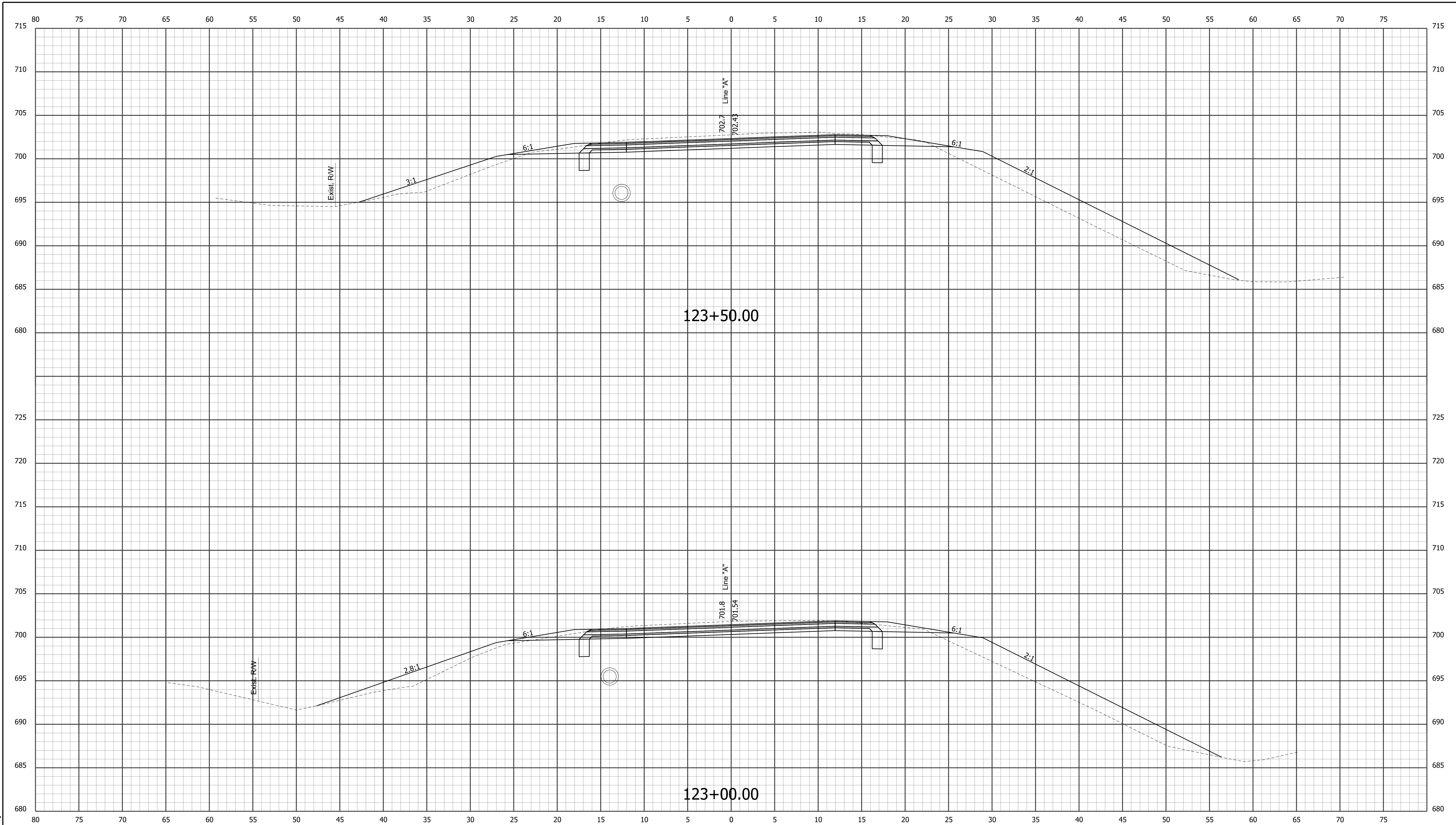
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 122+60.00 "A" TO 122+60.00"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK XS-10	DWG. NO. 52	SHEET NO. of 141	
CONTRACT R-39890		PROJECT 1600294	



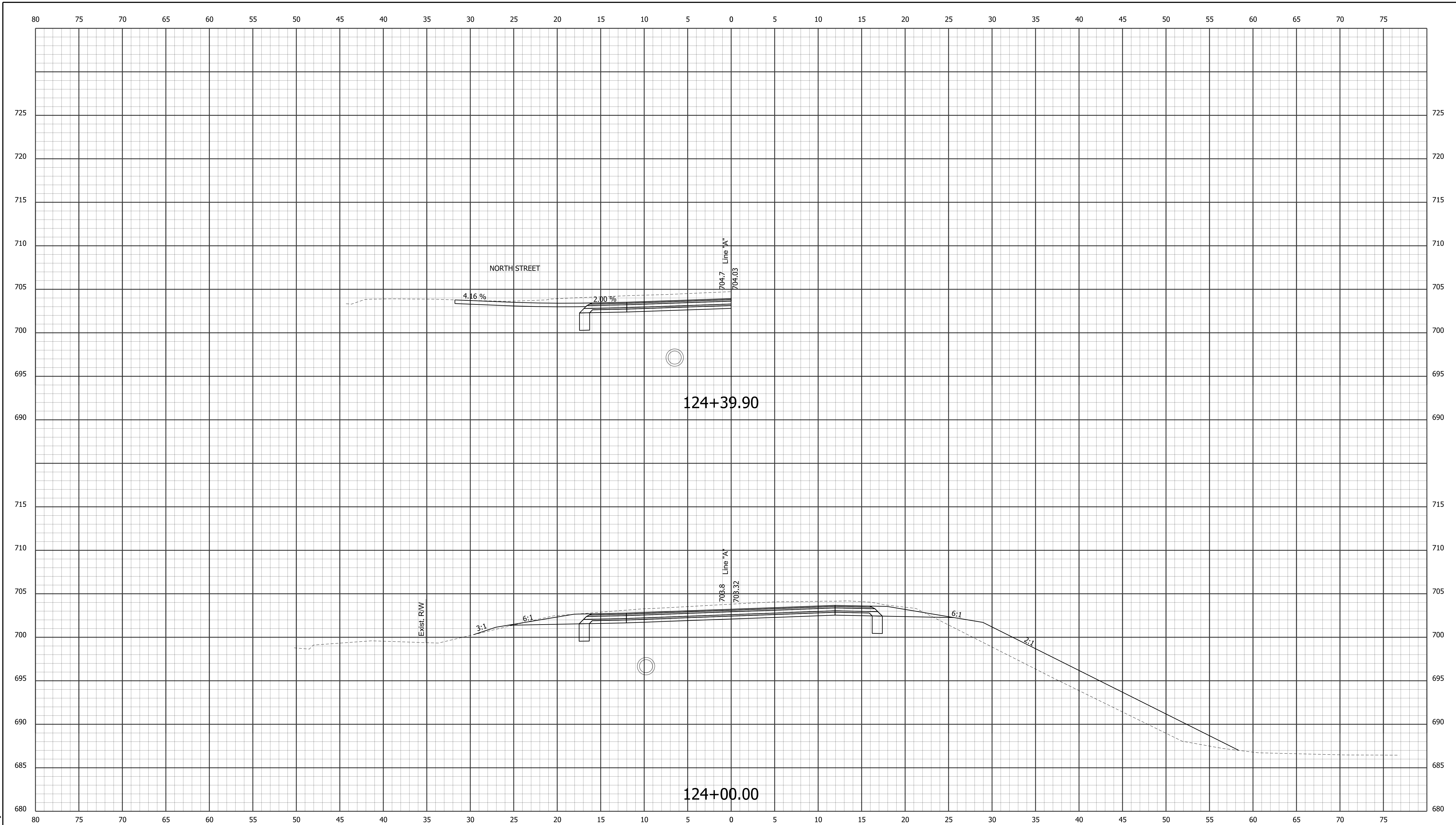
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 123+00.00 "A" TO 123+50.00"A"**

HORIZONTAL SCALE		BRIDGE FILE	
1" = 5'		N/A	
VERTICAL SCALE		DESIGNATION	
1" = 5'		1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-11	53 of 141	
CONTRACT	PROJECT		
R-39890	1600294		



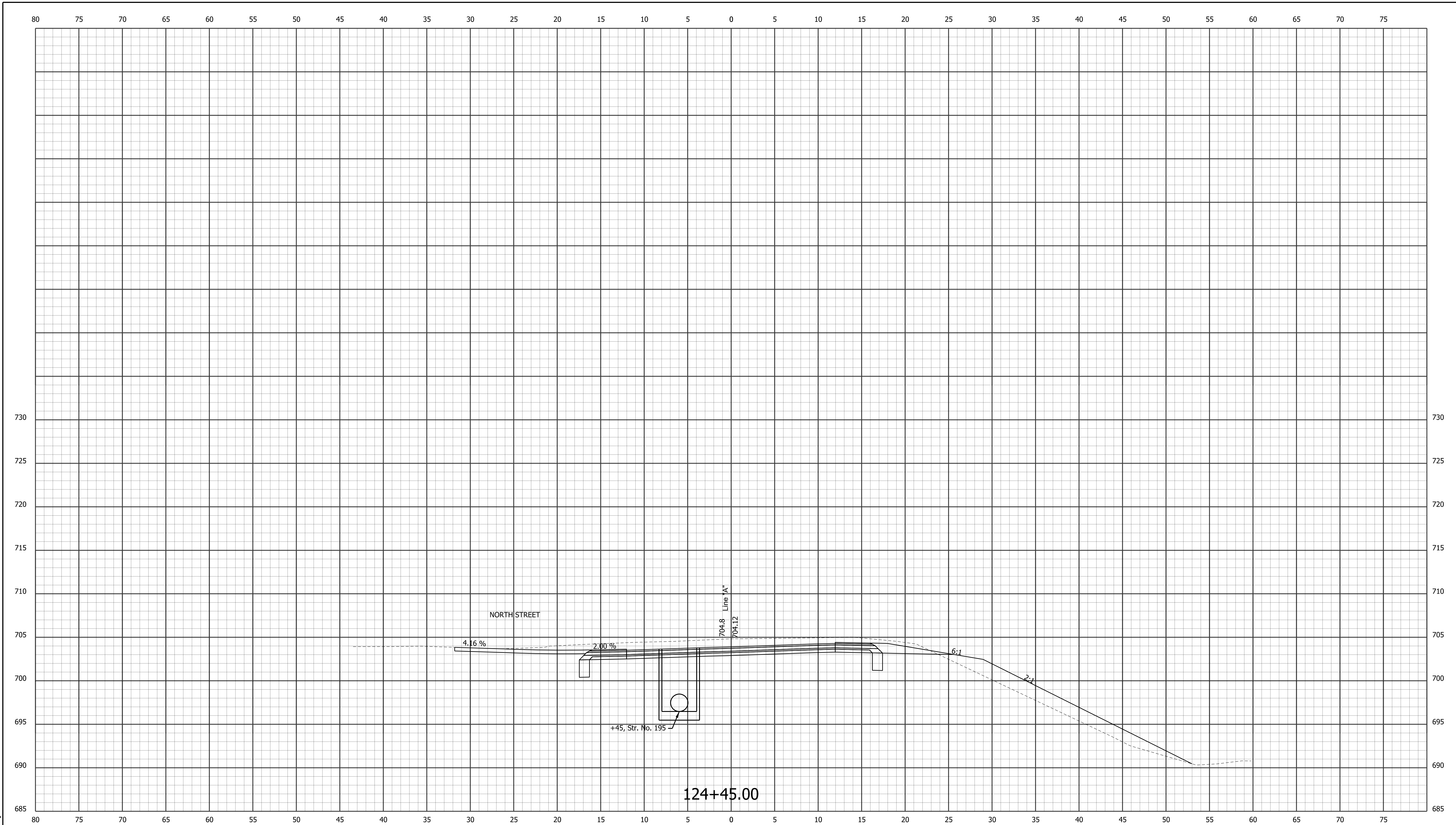
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RECOMMENDED FOR APPROVAL _____	
DESIGNED: MJS	DRAWN: MJS
CHECKED: JRA	CHECKED: JRA

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 124+00.00 "A" TO 124+39.90"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK XS-12	DWG. NO. 54	SHEET NO. of 141
CONTRACT R-39890	PROJECT 1600294	



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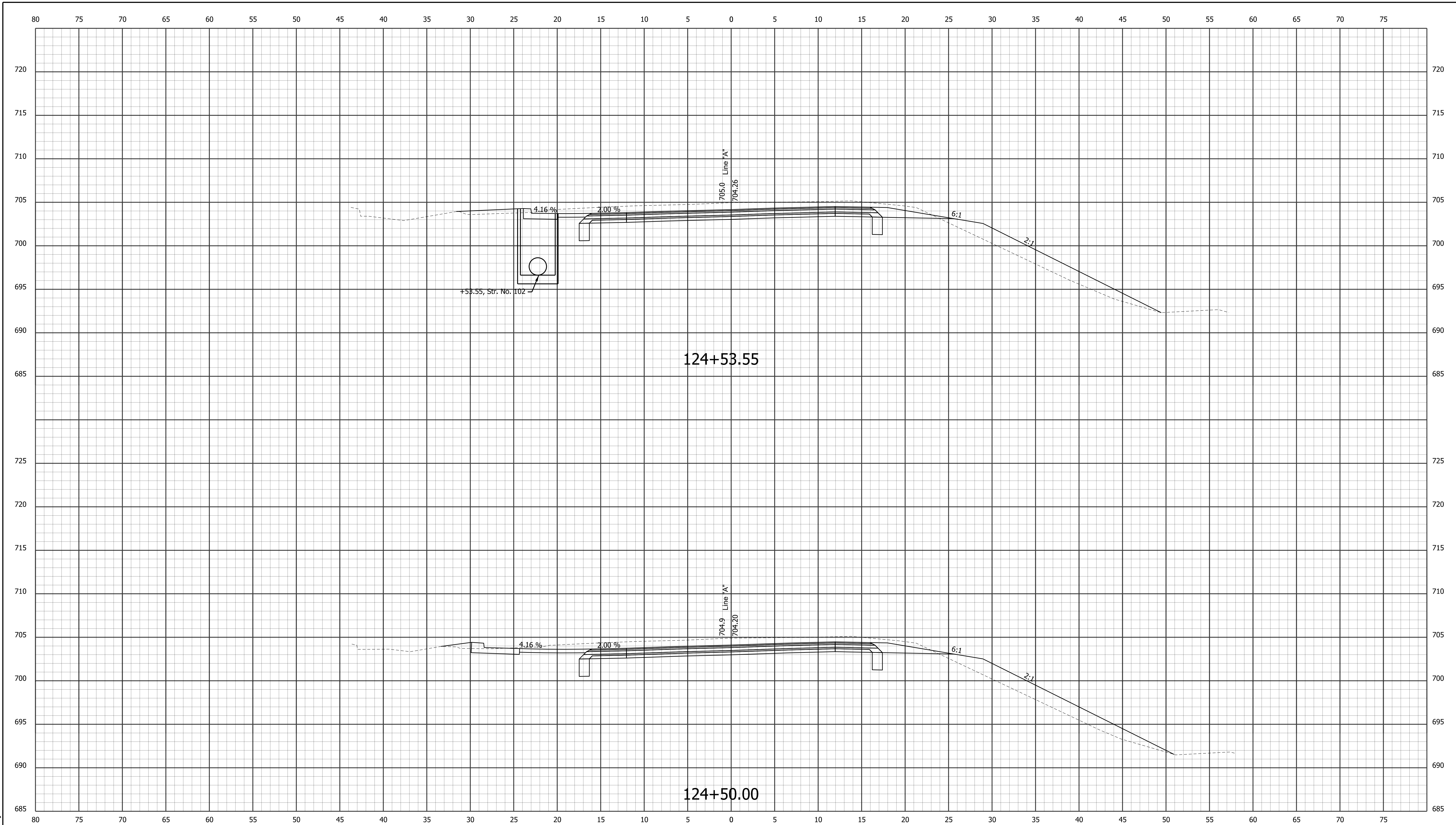
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 124+45.00 "A" TO 124+45.00"A"**

HORIZONTAL SCALE		BRIDGE FILE	
1" = 5'		N/A	
VERTICAL SCALE		DESIGNATION	
1" = 5'		1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.	
XS-13	XS-13	55 of 141	
CONTRACT		PROJECT	
R-39890		1600294	



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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

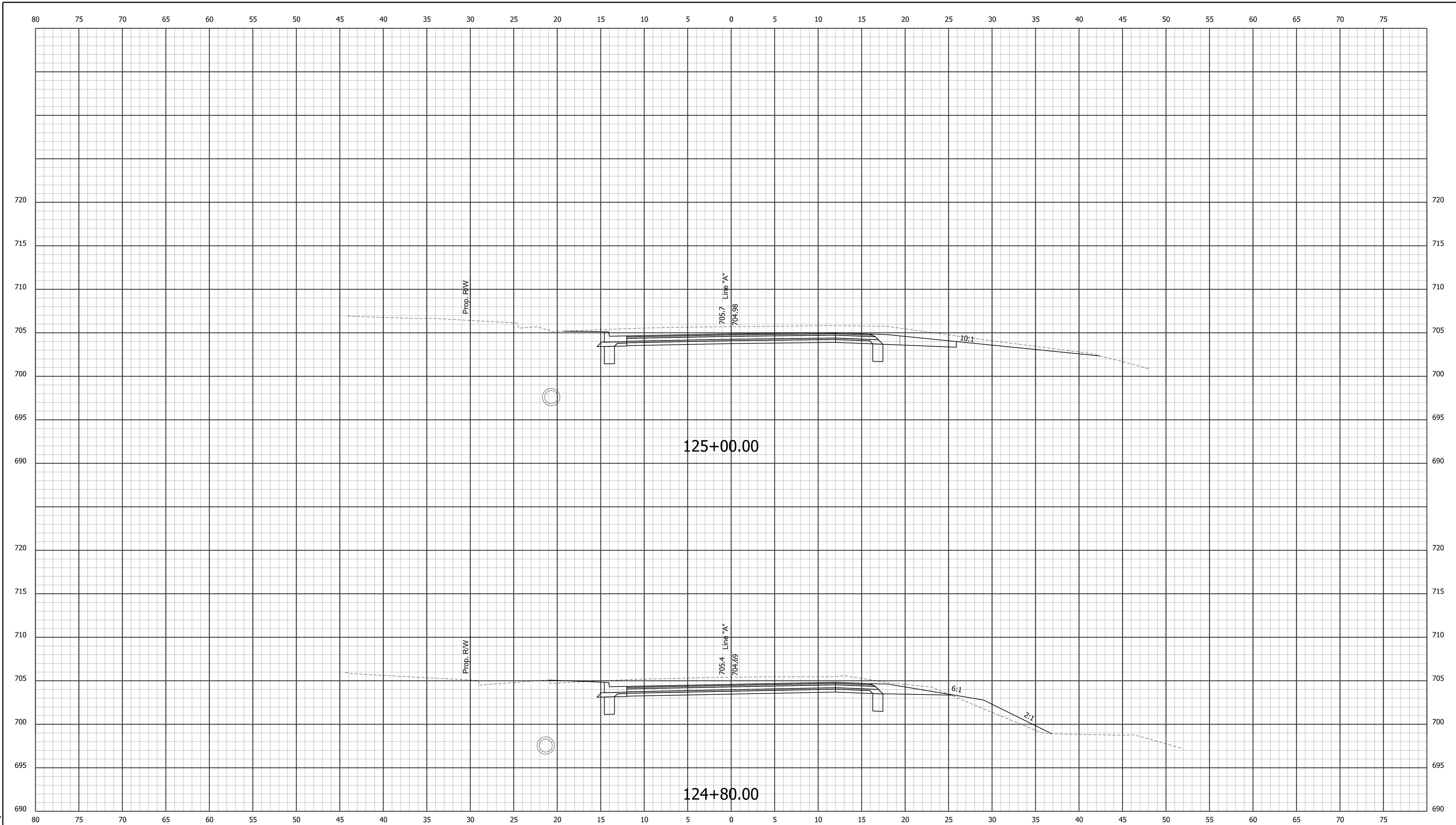
**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 124+50.00 "A" TO 124+53.55"A"**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 5'	N/A	
VERTICAL SCALE	DESIGNATION	
1" = 5'	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-14	56 of 141
CONTRACT	PROJECT	
R-39890	1600294	





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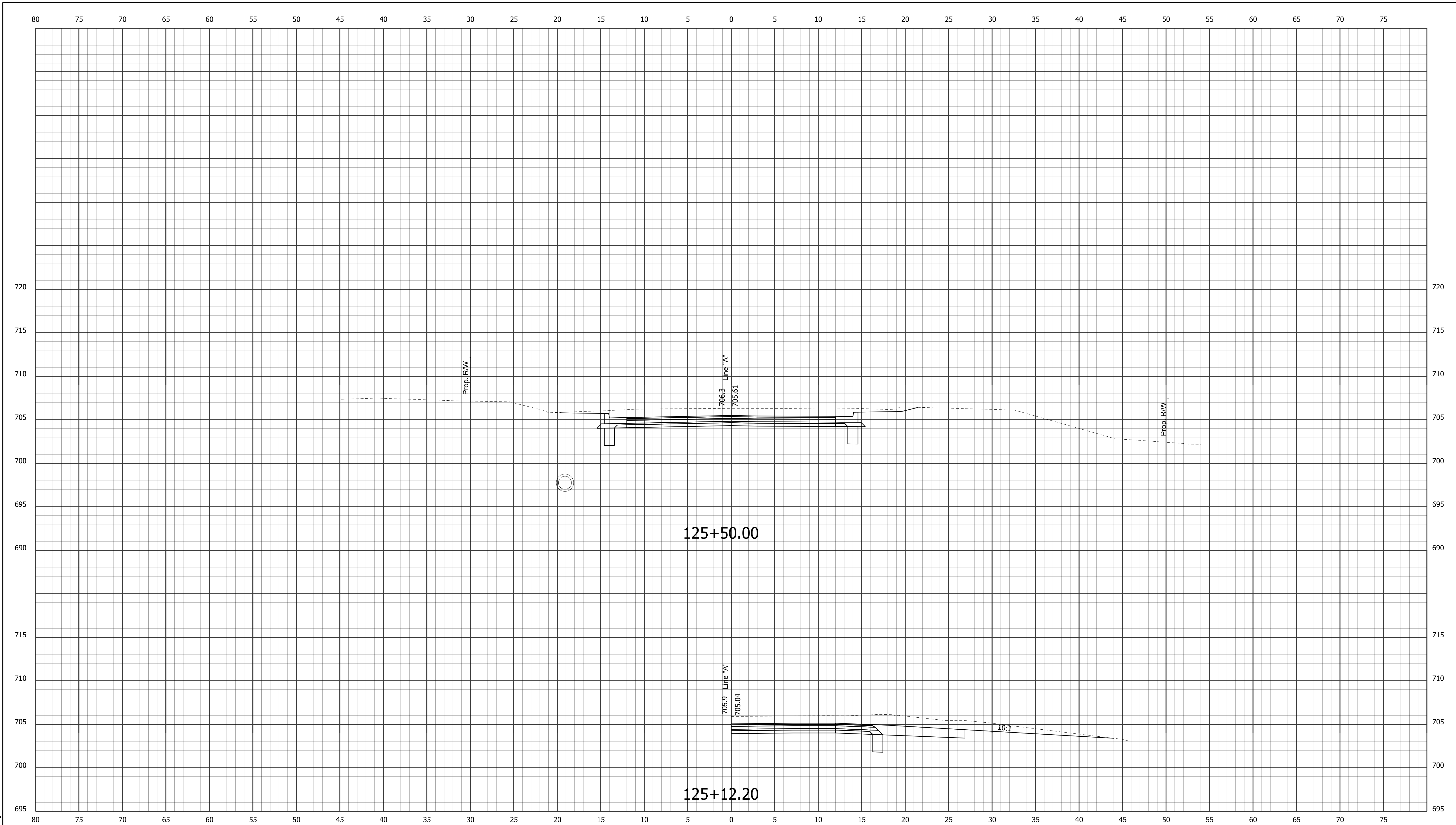
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DESIGNED: MJS	DRAWN: MJS				
CHECKED: JRA	CHECKED: JRA				

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

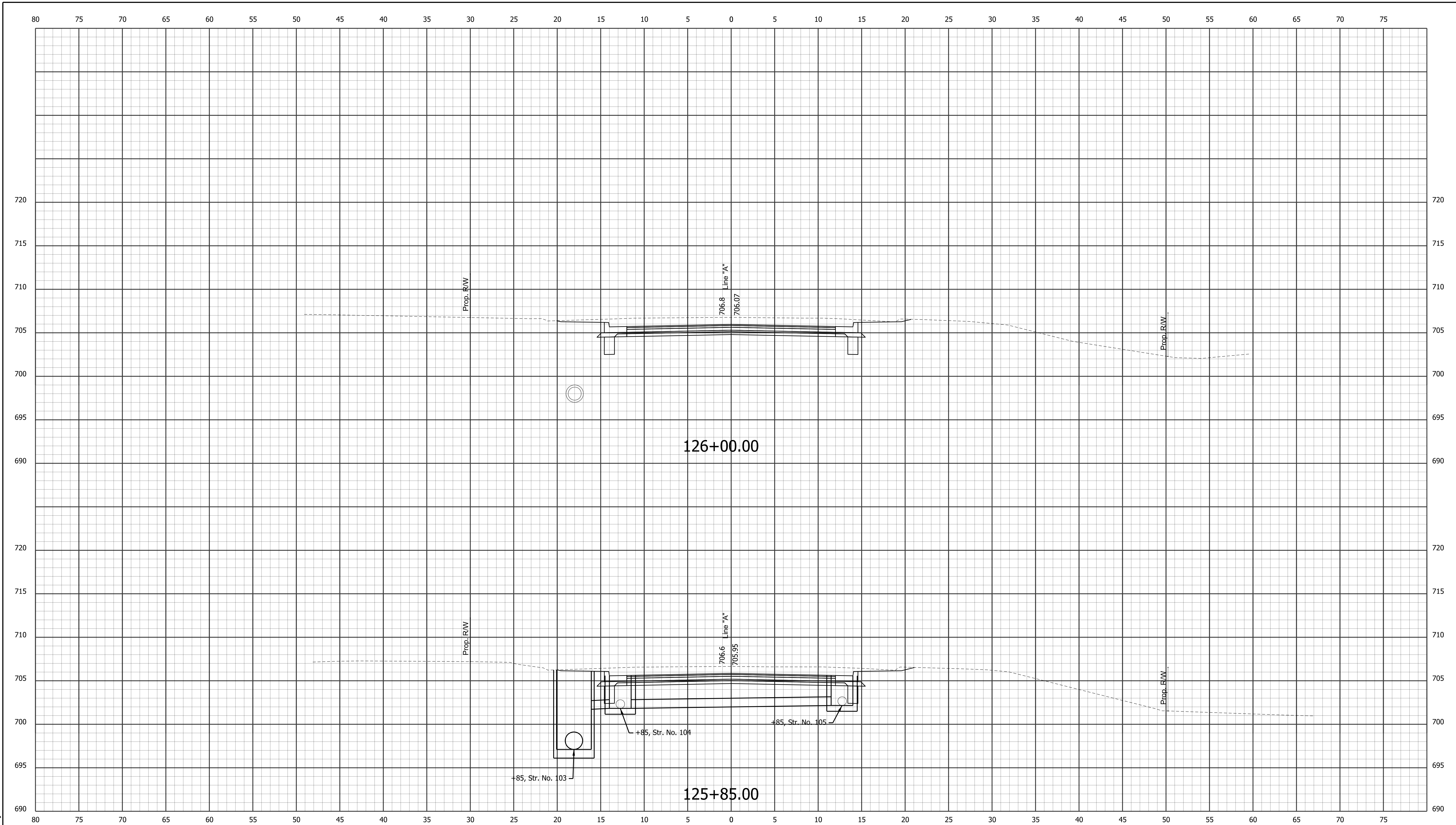
**STA. 124+80.00 "A" TO 125+00.00"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK XS-15	DWG. NO. 57	SHEET NO. of 141	
CONTRACT R-39890		PROJECT 1600294	



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	RECOMMENDED FOR APPROVAL _____	<b>INDIANA</b> <b>DEPARTMENT OF TRANSPORTATION</b>	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
	DESIGN ENGINEER _____ DATE _____		VERTICAL SCALE 1" = 5'	DESIGNATION 1600294
DESIGNED: MJS	DRAWN: MJS	<b>CROSS SECTIONS</b>		
CHECKED: JRA	CHECKED: JRA	<b>STA. 125+12.20 "A" TO 125+50.00"A"</b>		
		SURVEY BOOK XS-16	DWG. NO. 58 of 141	SHEET NO. PROJECT 1600294
		CONTRACT R-39890	PROJECT 1600294	



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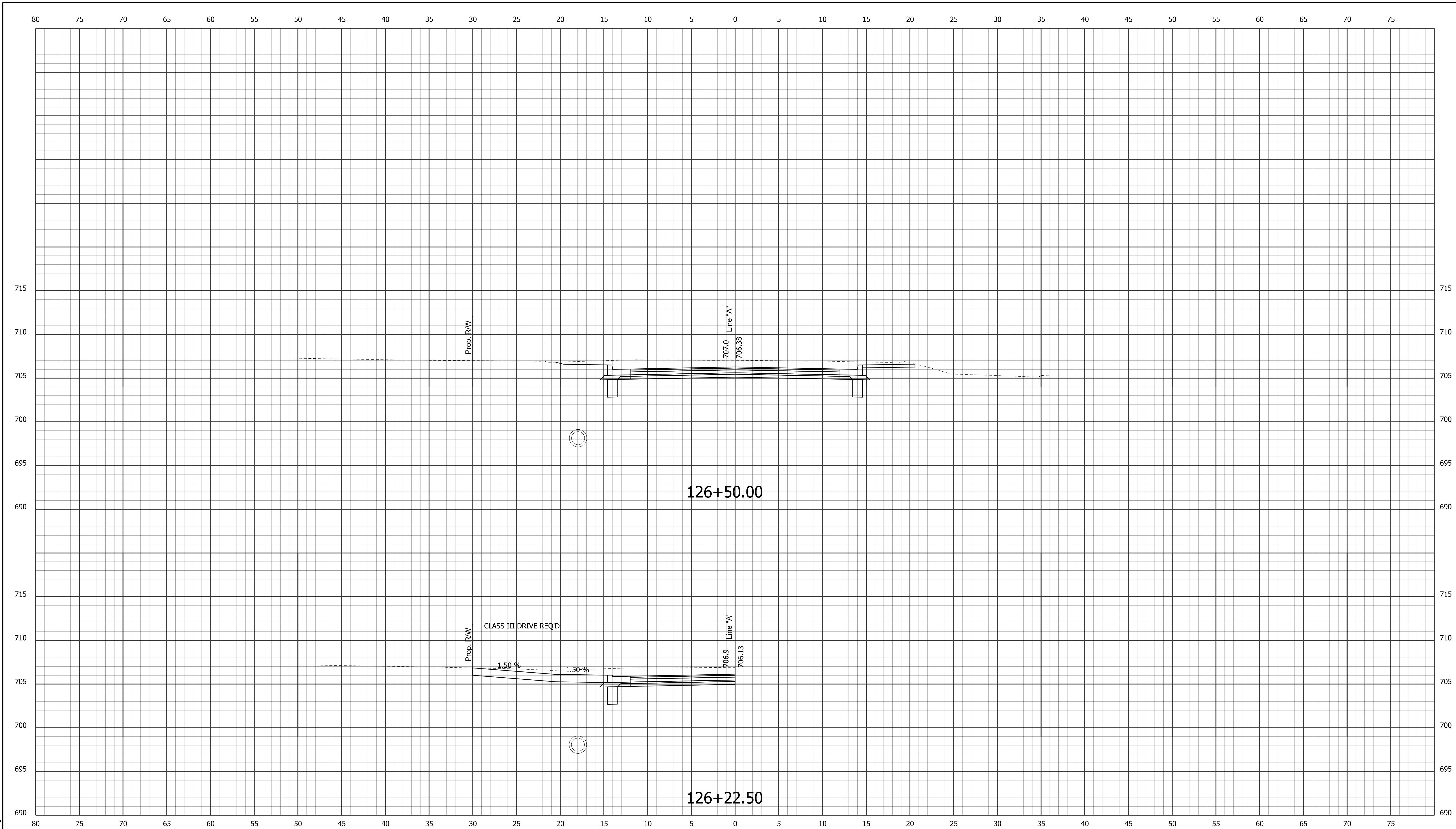
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 125+85.00 "A" TO 126+00.00"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK XS-17	DWG. NO. 59	SHEET NO. of 141
CONTRACT R-39890	PROJECT 1600294	



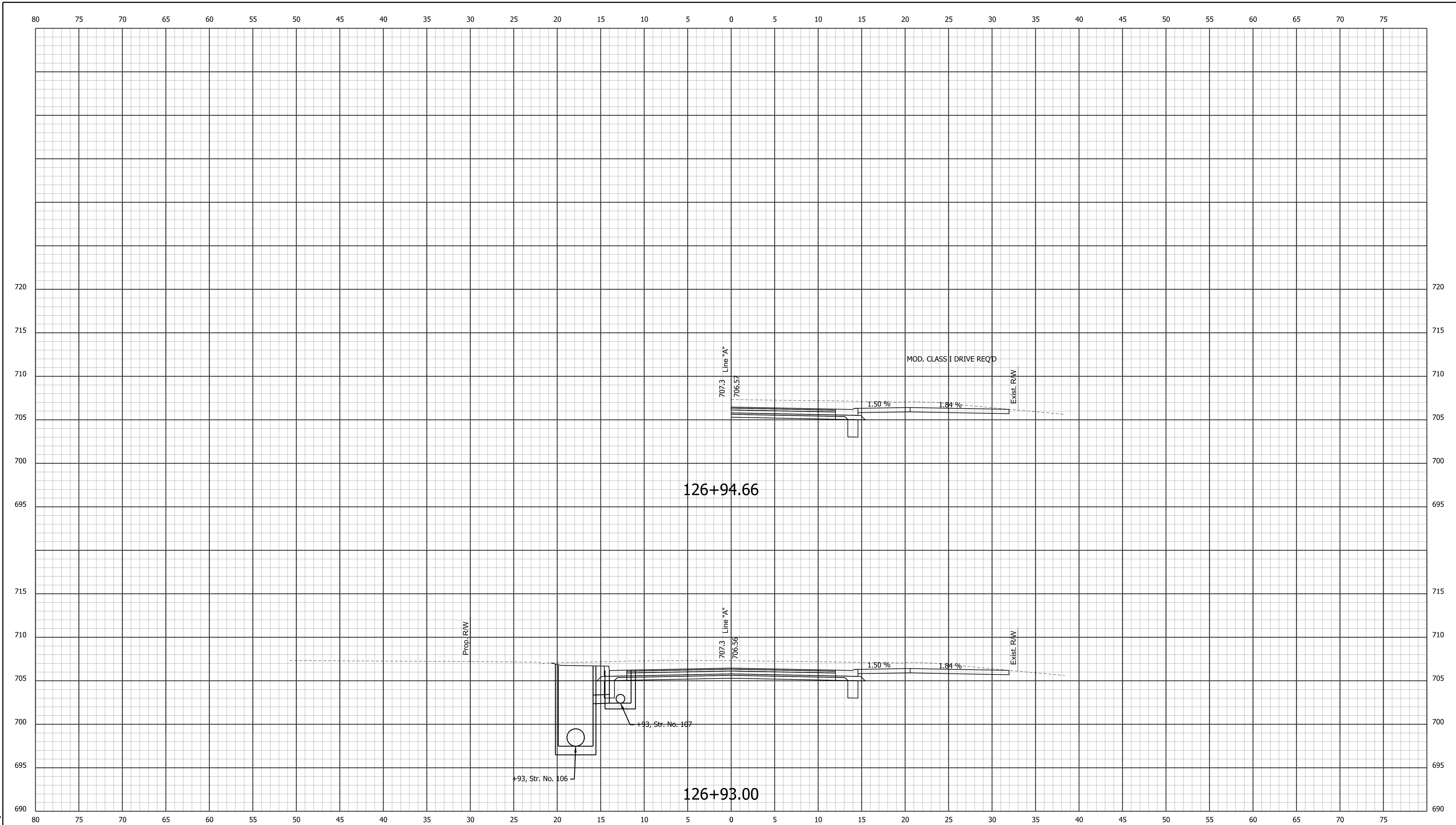
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RECOMMENDED FOR APPROVAL _____	
DESIGNED: MJS	DRAWN: MJS
CHECKED: JRA	CHECKED: JRA

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 126+22.50 "A" TO 126+50.00"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK XS-18	DWG. NO. 60	SHEET NO. of 141
CONTRACT R-39890	PROJECT 1600294	



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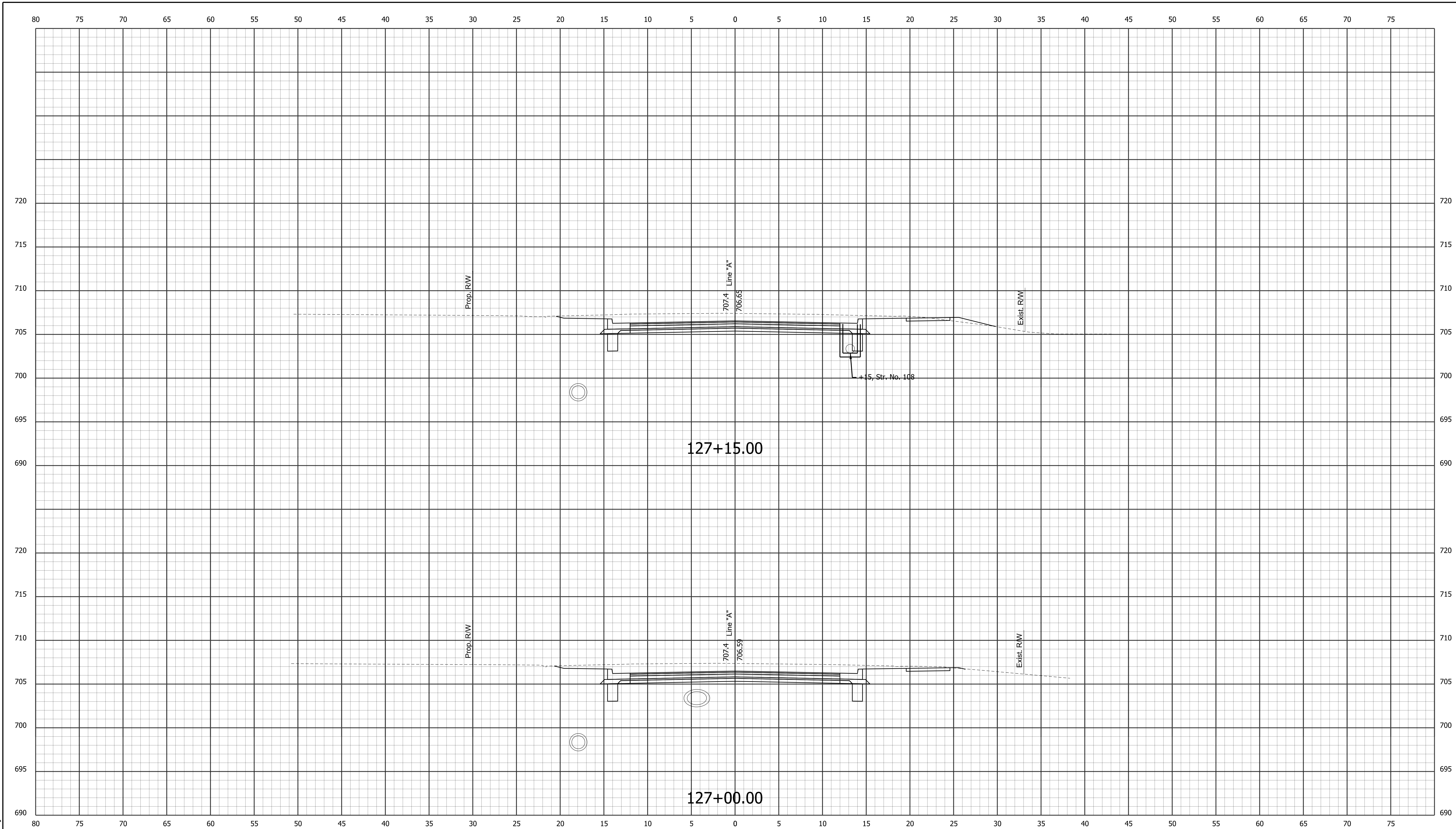
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: MJS	DRAWN: MJS				
CHECKED: JRA	CHECKED: JRA				

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 126+93.00 "A" TO 126+94.66"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK XS-19	DWG. NO. 61	SHEET NO. of 141	
CONTRACT R-39890		PROJECT 1600294	



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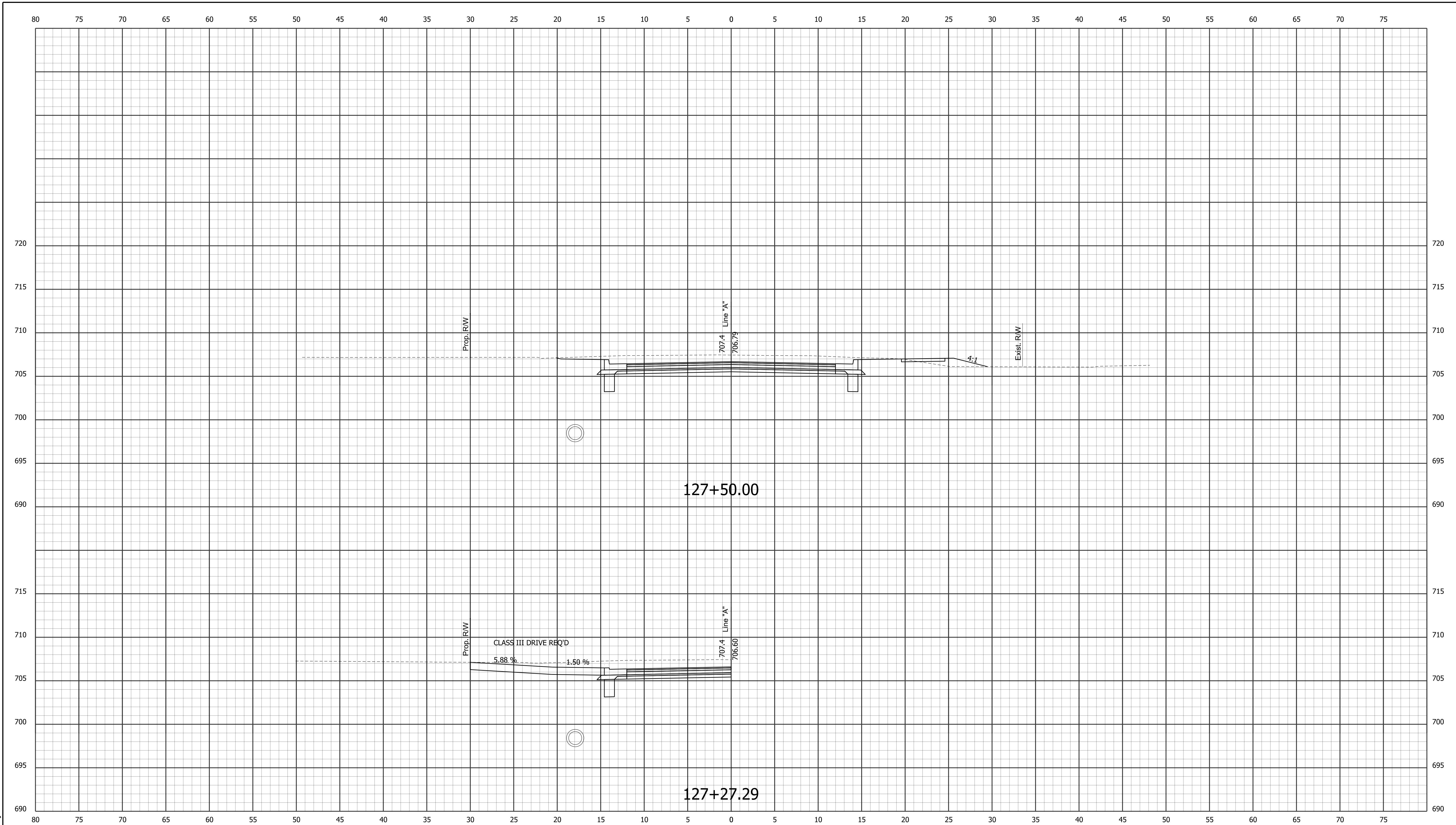
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: MJS	DRAWN: MJS				
CHECKED: JRA	CHECKED: JRA				

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 127+00.00 "A" TO 127+15.00"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-20	62 of 141	
CONTRACT R-39890	PROJECT 1600294		



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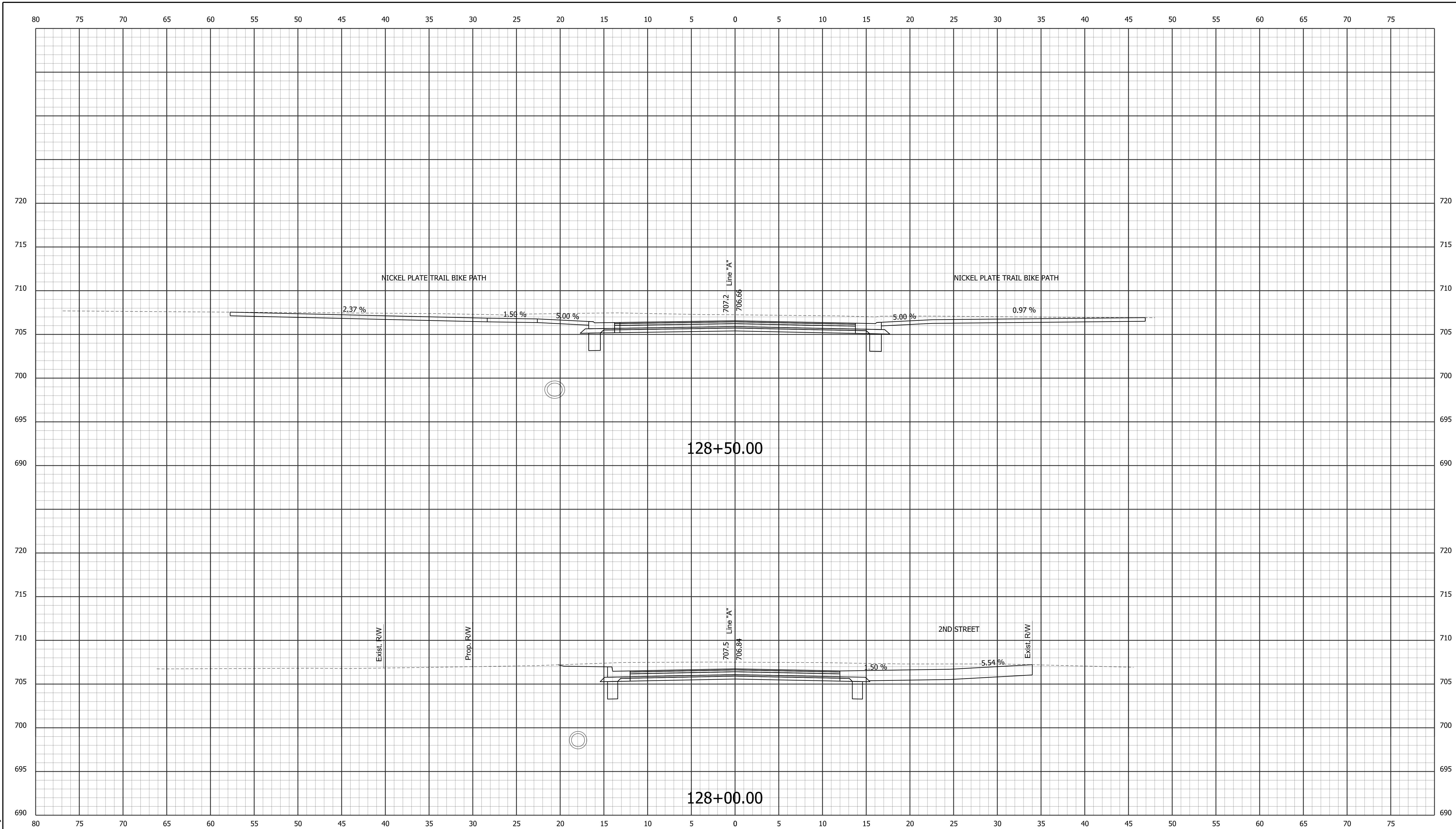
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: MJS	DRAWN: MJS				
CHECKED: JRA	CHECKED: JRA				

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 127+27.29 "A" TO 127+50.00"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-21	SHEET NO. 63 of 141
CONTRACT R-39890	PROJECT 1600294	



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RECOMMENDED FOR APPROVAL _____	
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CHECKED: JRA	CHECKED: JRA

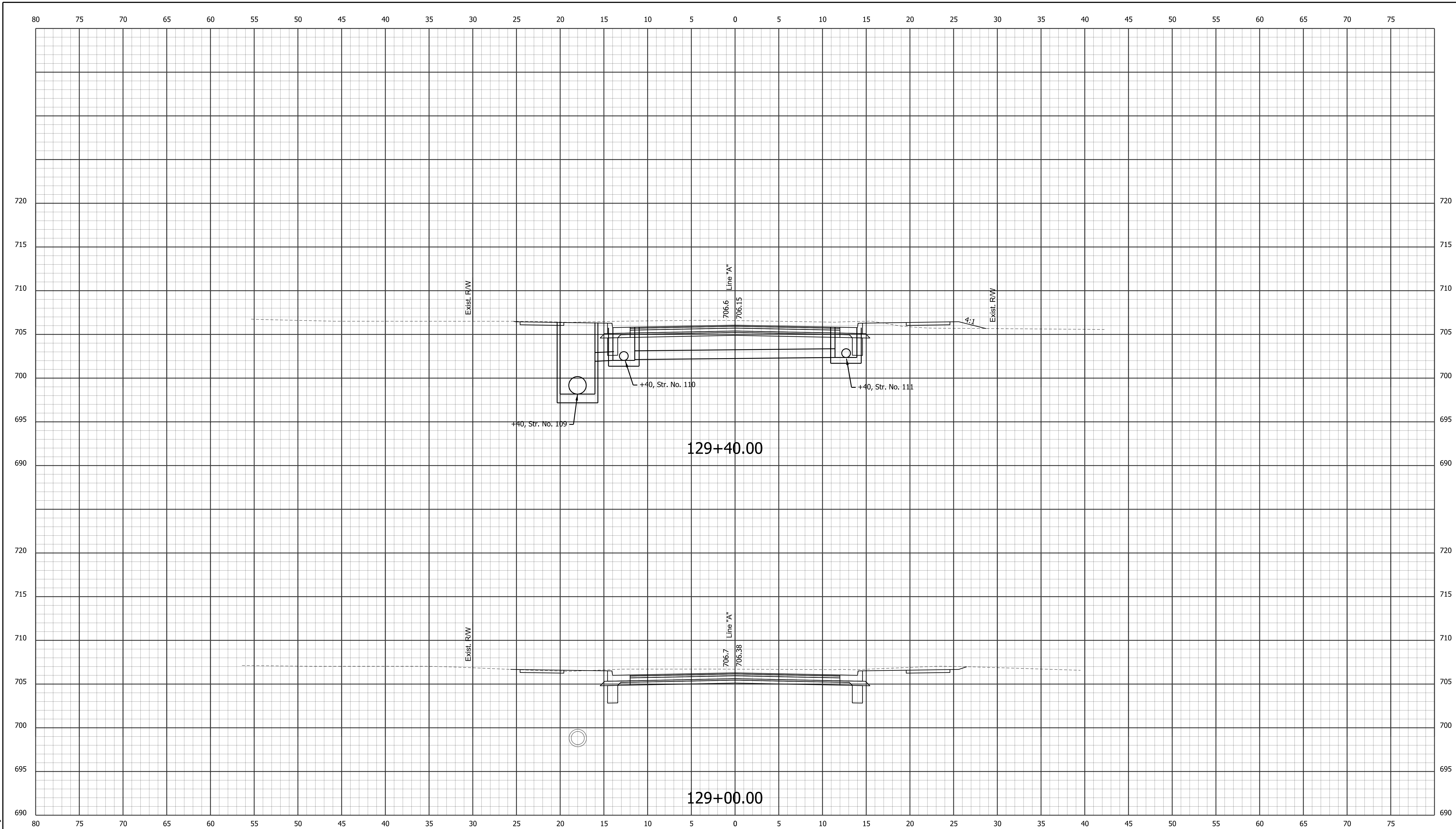
**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 128+00.00 "A" TO 128+50.00"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK XS-22	DWG. NO. 64	SHEET NO. of 141
CONTRACT R-39890	PROJECT 1600294	





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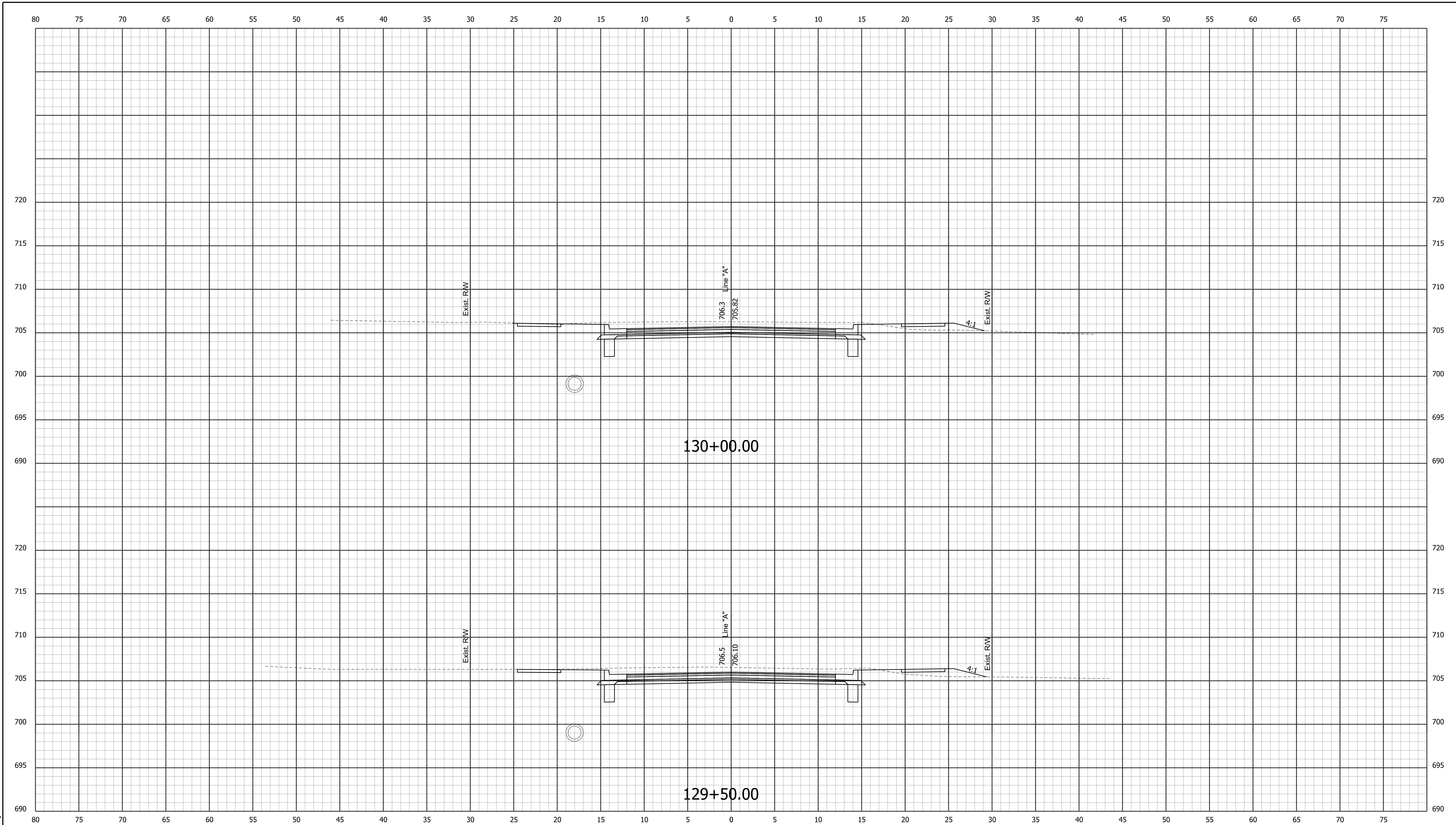
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 129+00.00 "A" TO 129+40.00"A"**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 5'	N/A	
VERTICAL SCALE	DESIGNATION	
1" = 5'	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-23	65 of 141
CONTRACT	PROJECT	
R-39890	1600294	



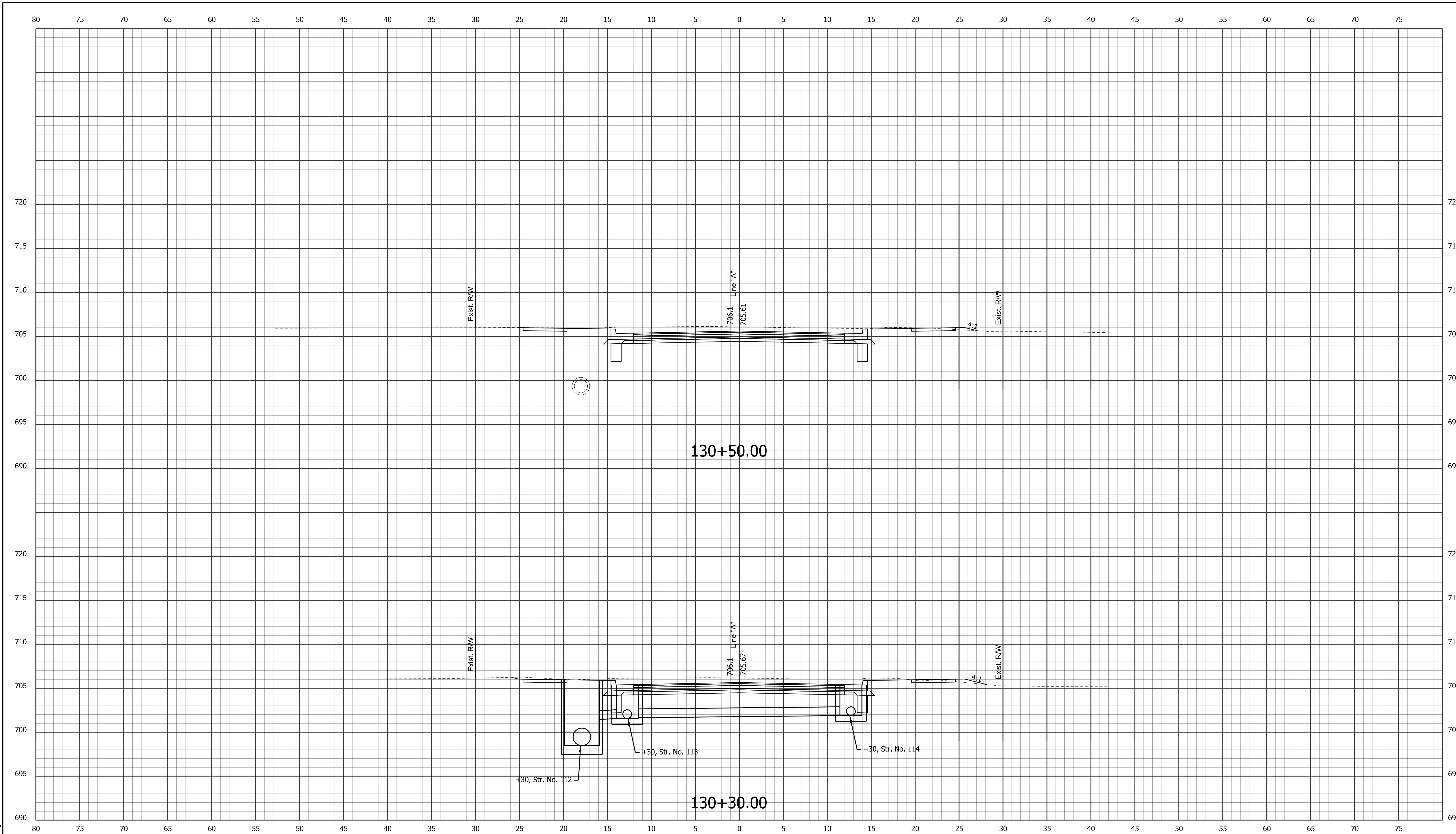
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 129+50.00 "A" TO 130+00.00"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-24	SHEET NO. 66 of 141
CONTRACT R-39890	PROJECT 1600294	



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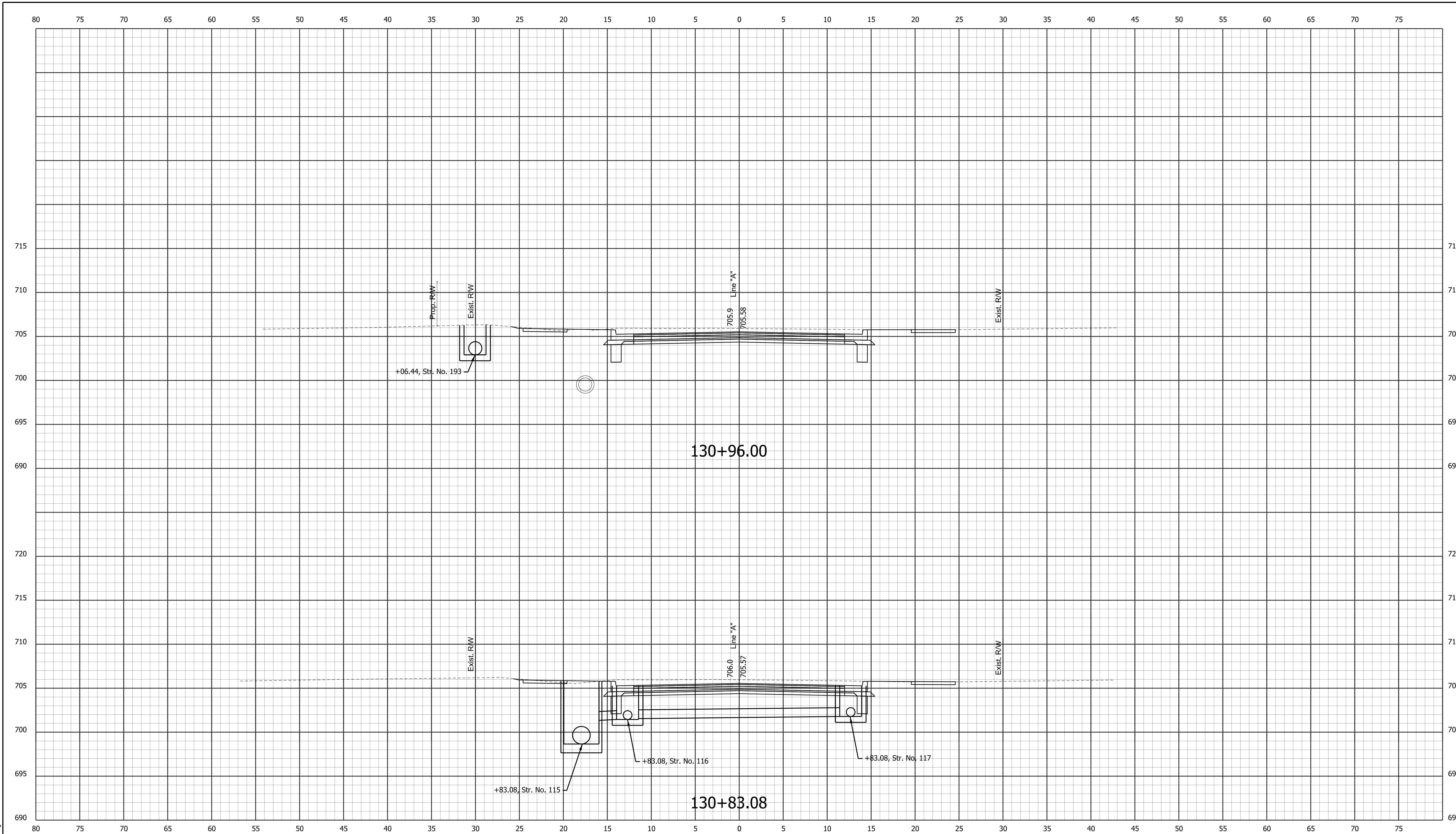
RECOMMENDED FOR APPROVAL _____	
DESIGNED: MJS	DRAWN: MJS
CHECKED: JRA	CHECKED: JRA

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 130+30.00 "A" TO 130+50.00"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK XS-25	DWG. NO. 67	SHEET NO. of 141
CONTRACT R-39890	PROJECT 1600294	



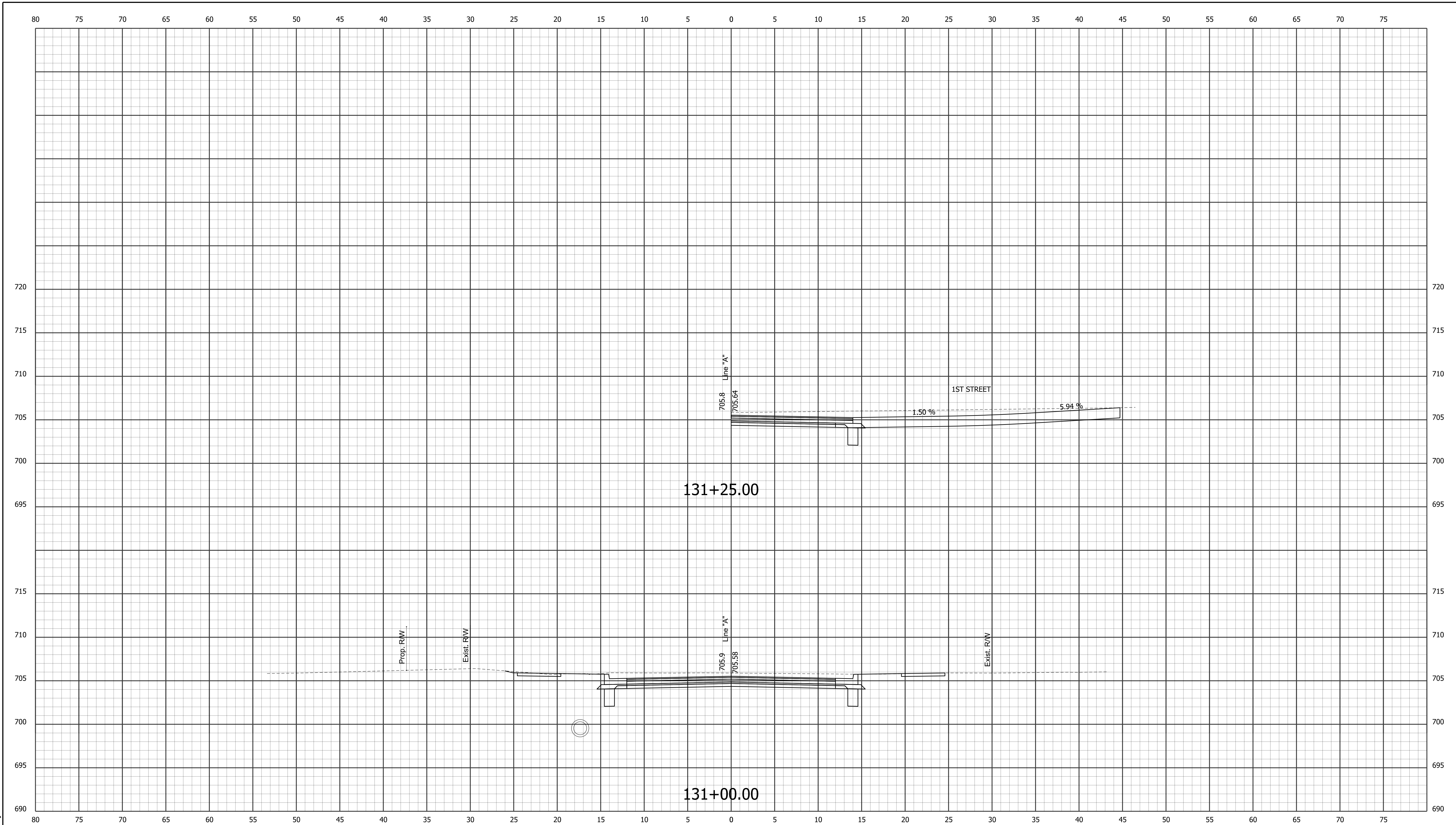
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 130+83.08 "A" TO 130+96.00"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK XS-26	DWG. NO. 68	SHEET NO. of 141
CONTRACT R-39890	PROJECT 1600294	



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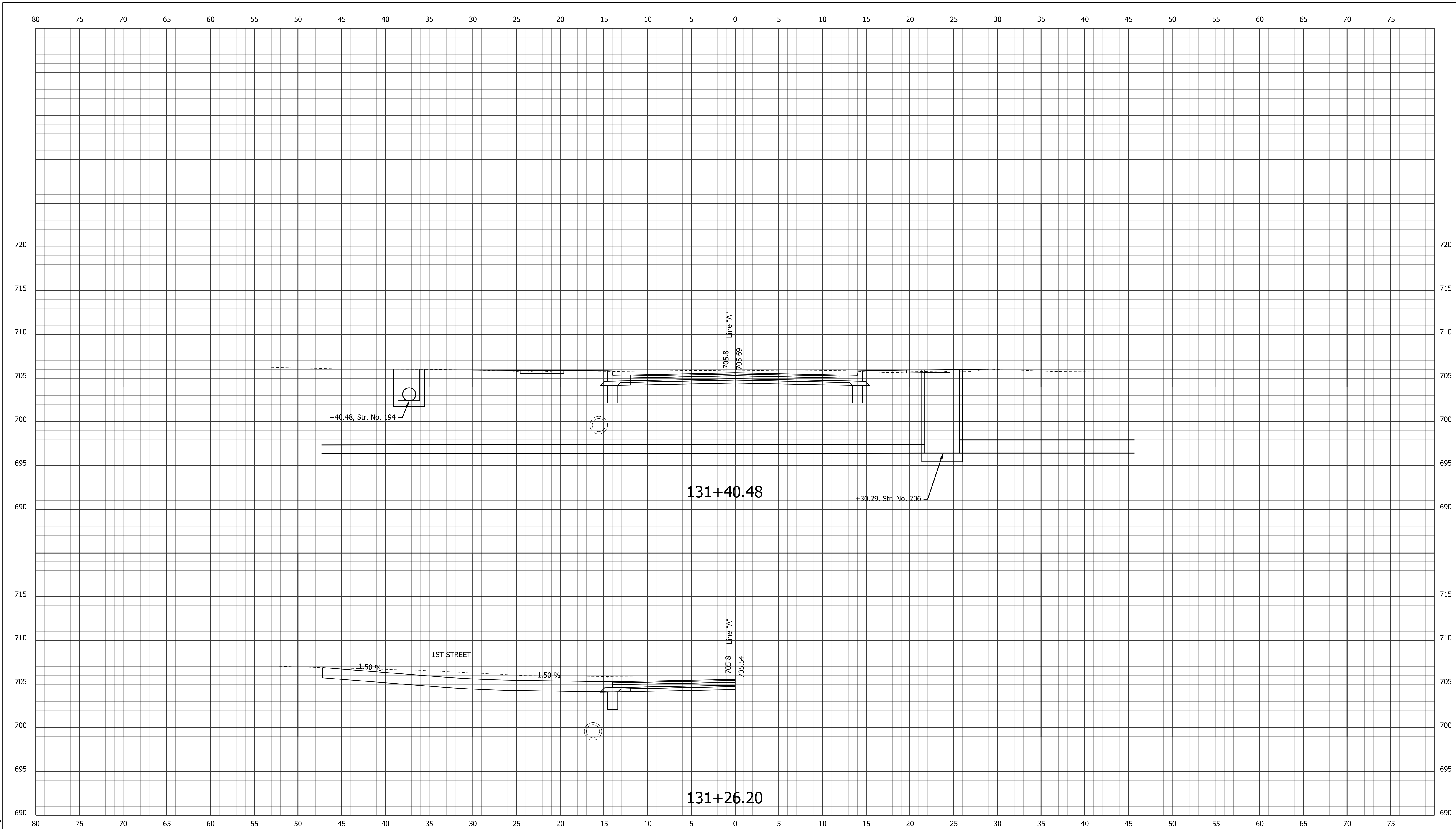
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: MJS	DRAWN: MJS				
CHECKED: JRA	CHECKED: JRA				

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 131+00.00 "A" TO 131+25.00"A"**

HORIZONTAL SCALE		BRIDGE FILE	
1" = 5'		N/A	
VERTICAL SCALE		DESIGNATION	
1" = 5'		1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-27	69 of 141	
CONTRACT	PROJECT		
R-39890	1600294		



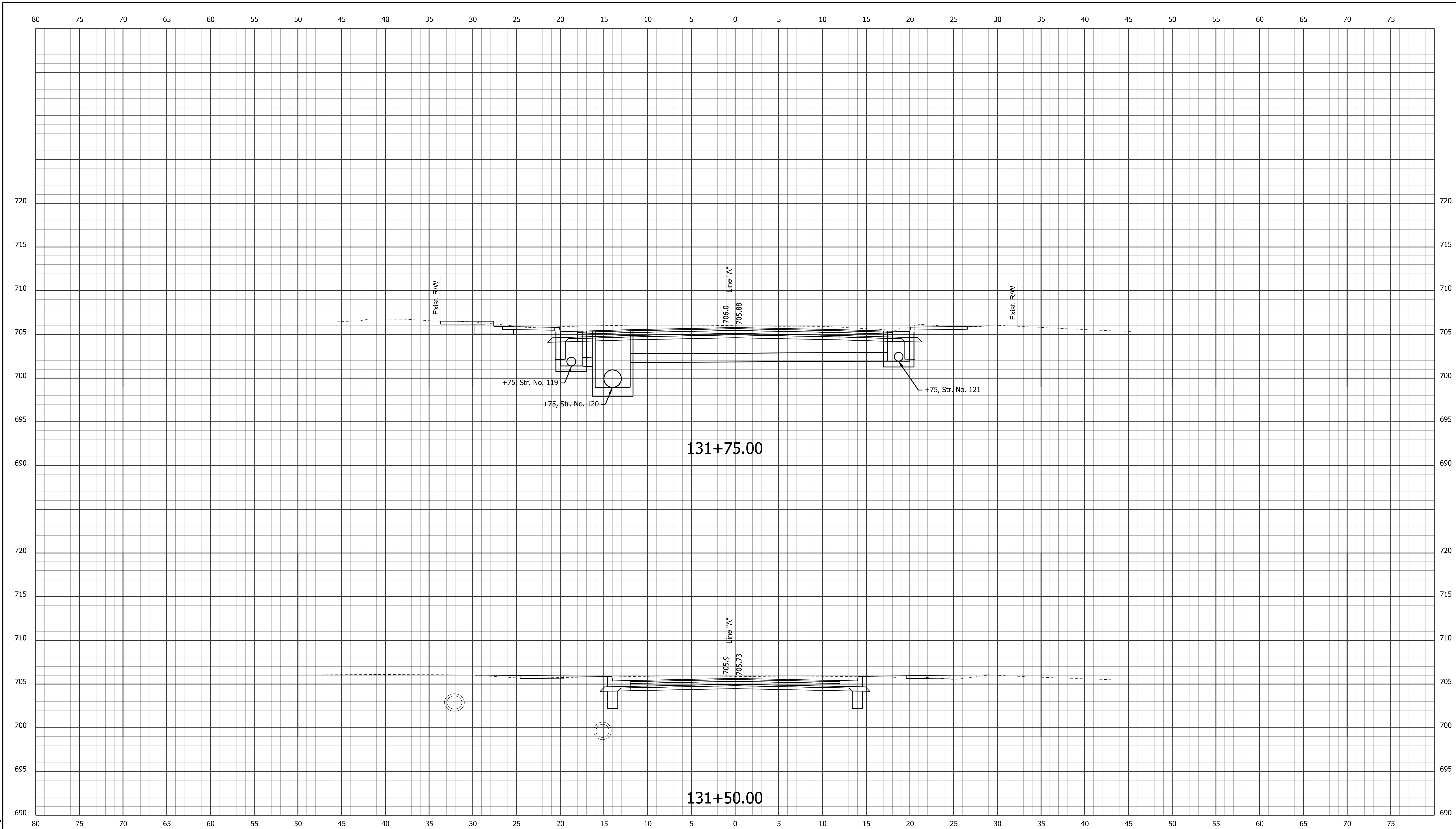
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 131+26.20 "A" TO 131+40.48"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK XS-28	DWG. NO. 70	SHEET NO. 70 of 141	
CONTRACT R-39890		PROJECT 1600294	

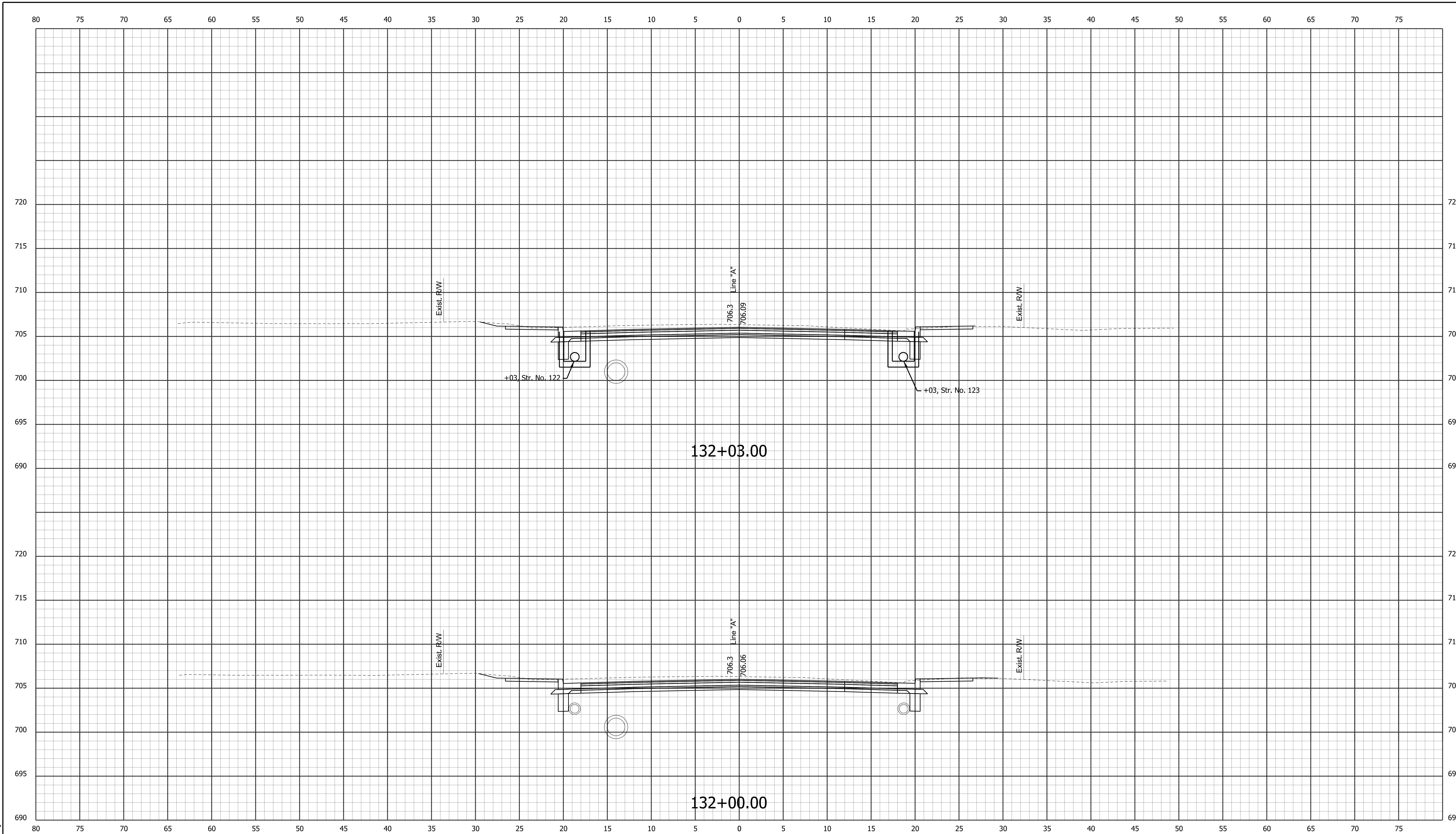


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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: MJS	DRAWN: MJS				
CHECKED: JRA	CHECKED: JRA				

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
**CROSS SECTIONS**  
**STA. 131+50.00 "A" TO 131+75.00"A"**

HORIZONTAL SCALE		BRIDGE FILE	
1" = 5'		N/A	
VERTICAL SCALE		DESIGNATION	
1" = 5'		1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-29	71 of 141	
CONTRACT	PROJECT		
R-39890	1600294		



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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
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CHECKED: JRA	CHECKED: JRA		

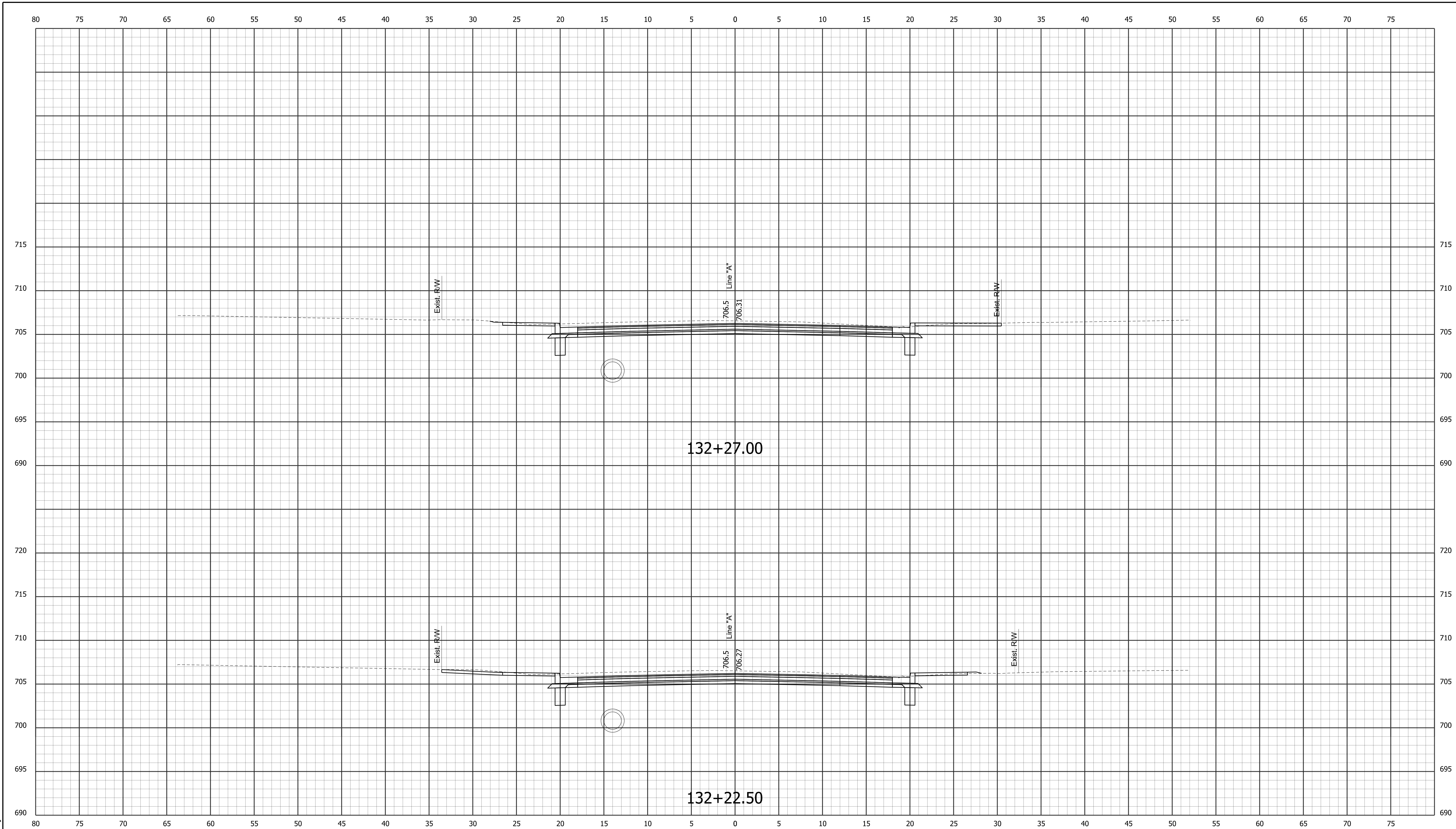
**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 132+00.00 "A" TO 132+03.00"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK XS-30	DWG. NO. 72	SHEET NO. of 141
CONTRACT R-39890	PROJECT 1600294	





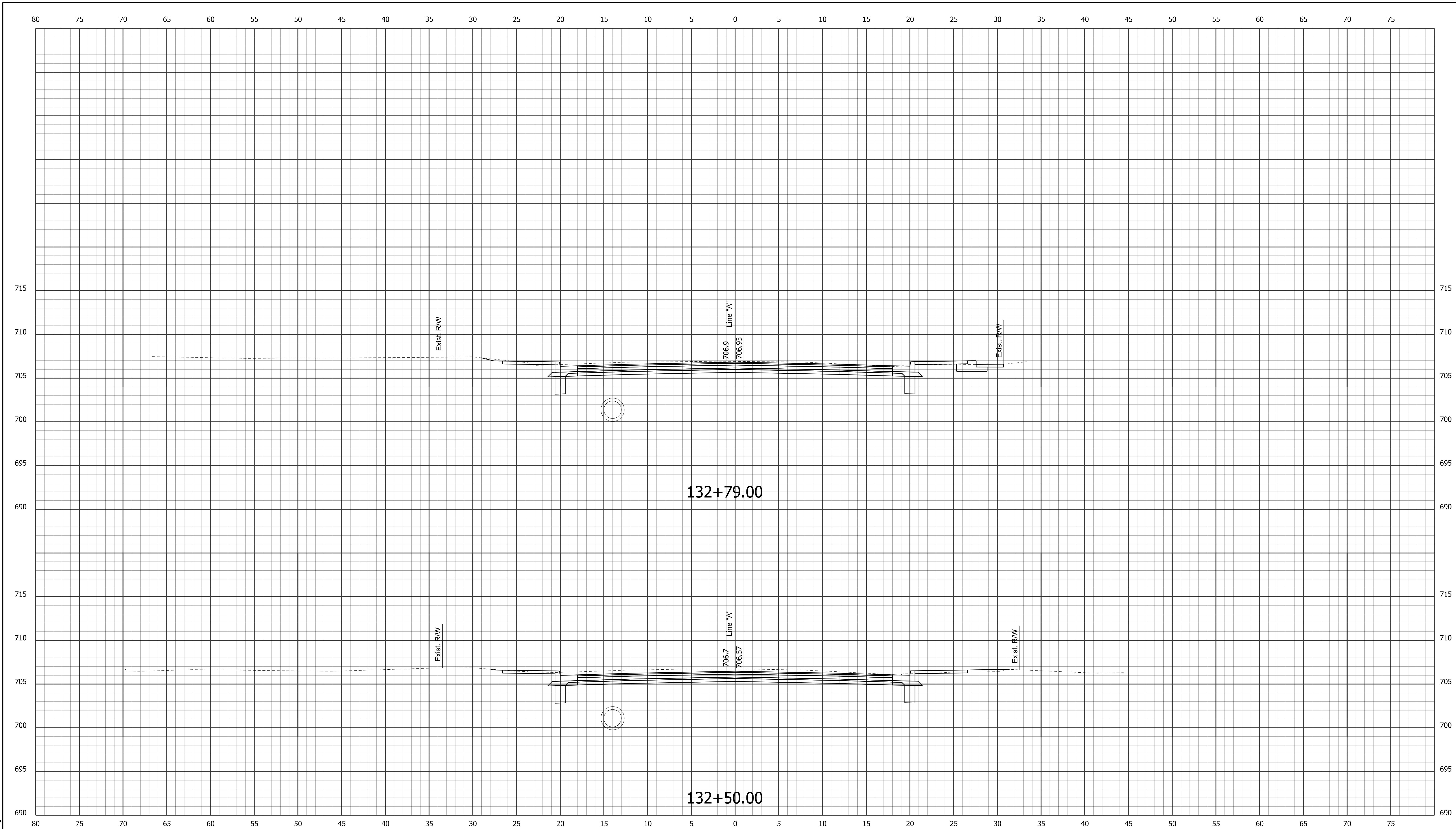
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: MJS	DRAWN: MJS				
CHECKED: JRA	CHECKED: JRA				

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 132+22.50 "A" TO 132+27.00"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK XS-31	DWG. NO. 73	SHEET NO. 73 of 141	
CONTRACT R-39890		PROJECT 1600294	



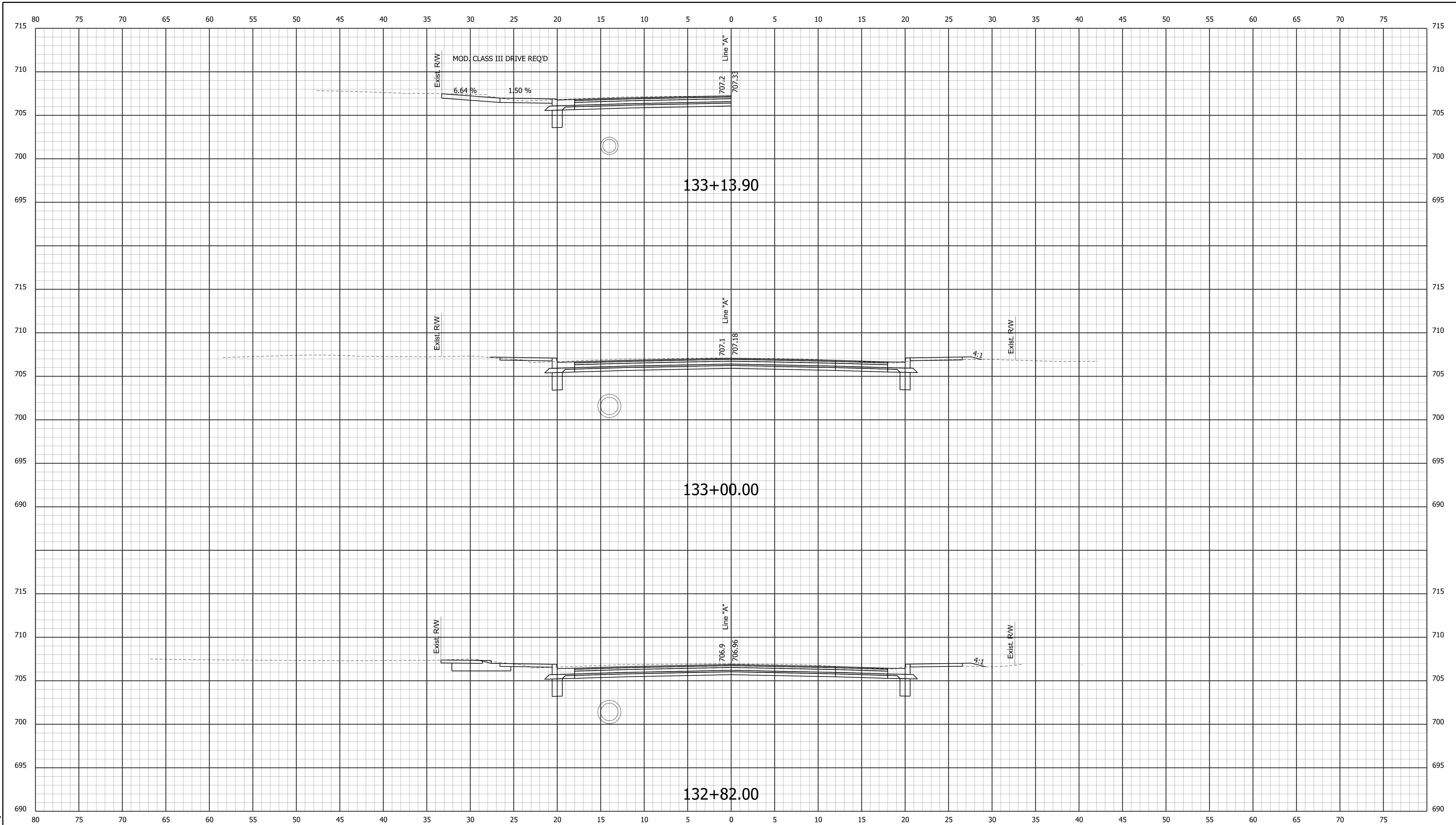
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: MJS	DRAWN: MJS				
CHECKED: JRA	CHECKED: JRA				

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 132+50.00 "A" TO 132+79.00"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK XS-32	DWG. NO. 74	SHEET NO. of 141	
CONTRACT R-39890		PROJECT 1600294	



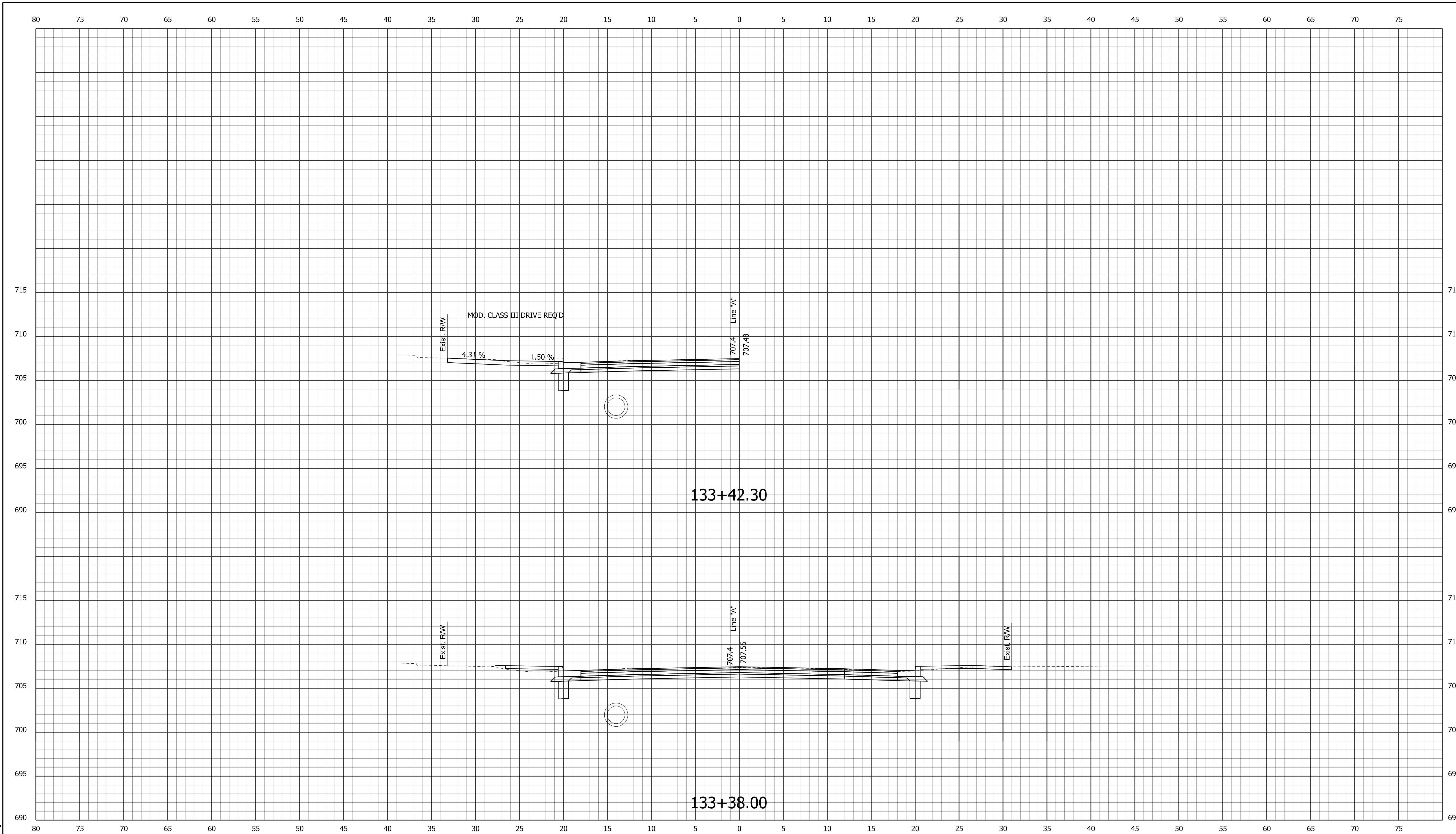
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 132+82.00 "A" TO 133+13.90"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-33	SHEET NO. 75 of 141
CONTRACT R-39890	PROJECT 1600294	



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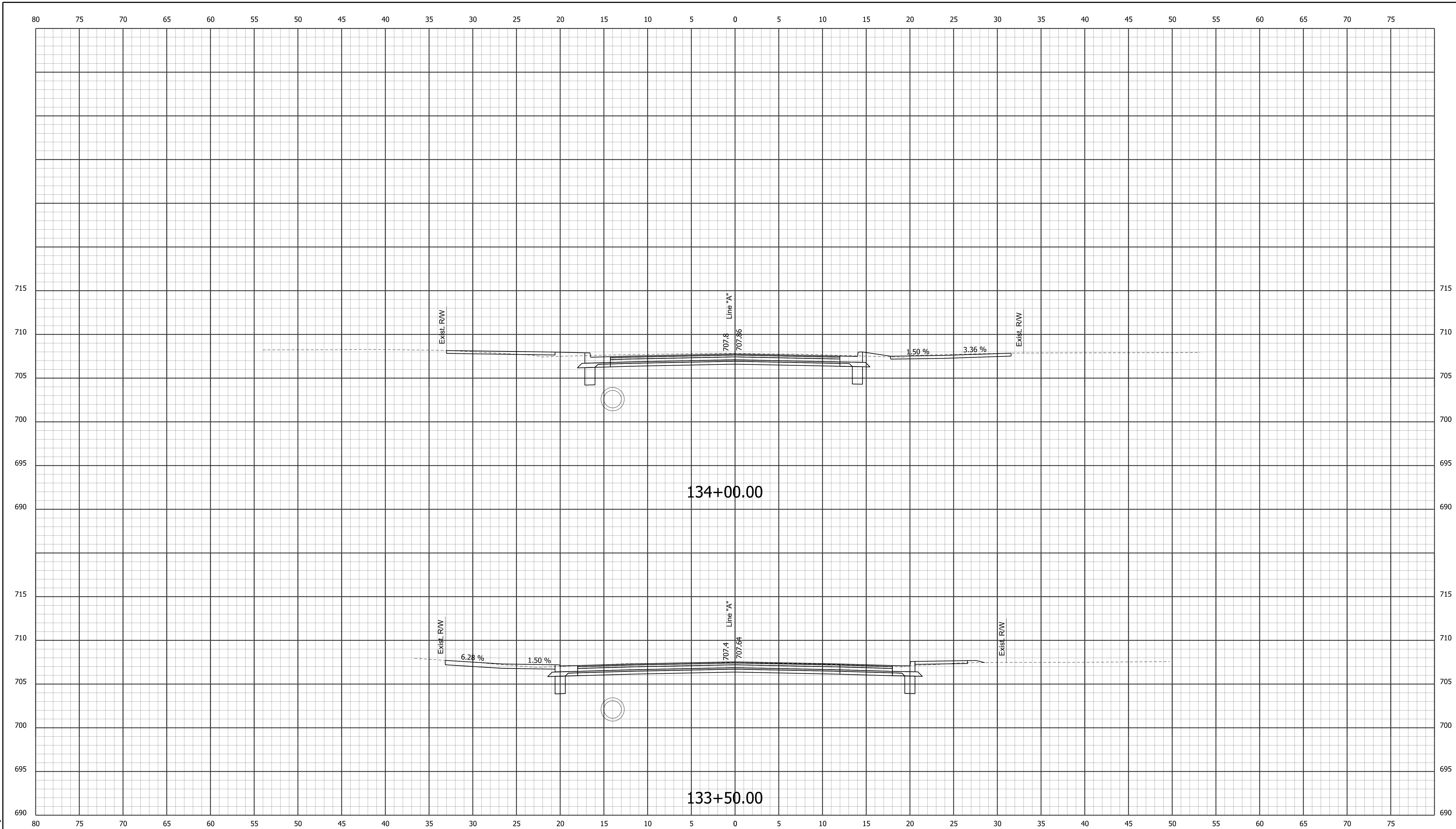
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 133+38.00 "A" TO 133+42.30"A"**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 5'	N/A	
VERTICAL SCALE	DESIGNATION	
1" = 5'	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-34	76 of 141
CONTRACT	PROJECT	
R-39890	1600294	



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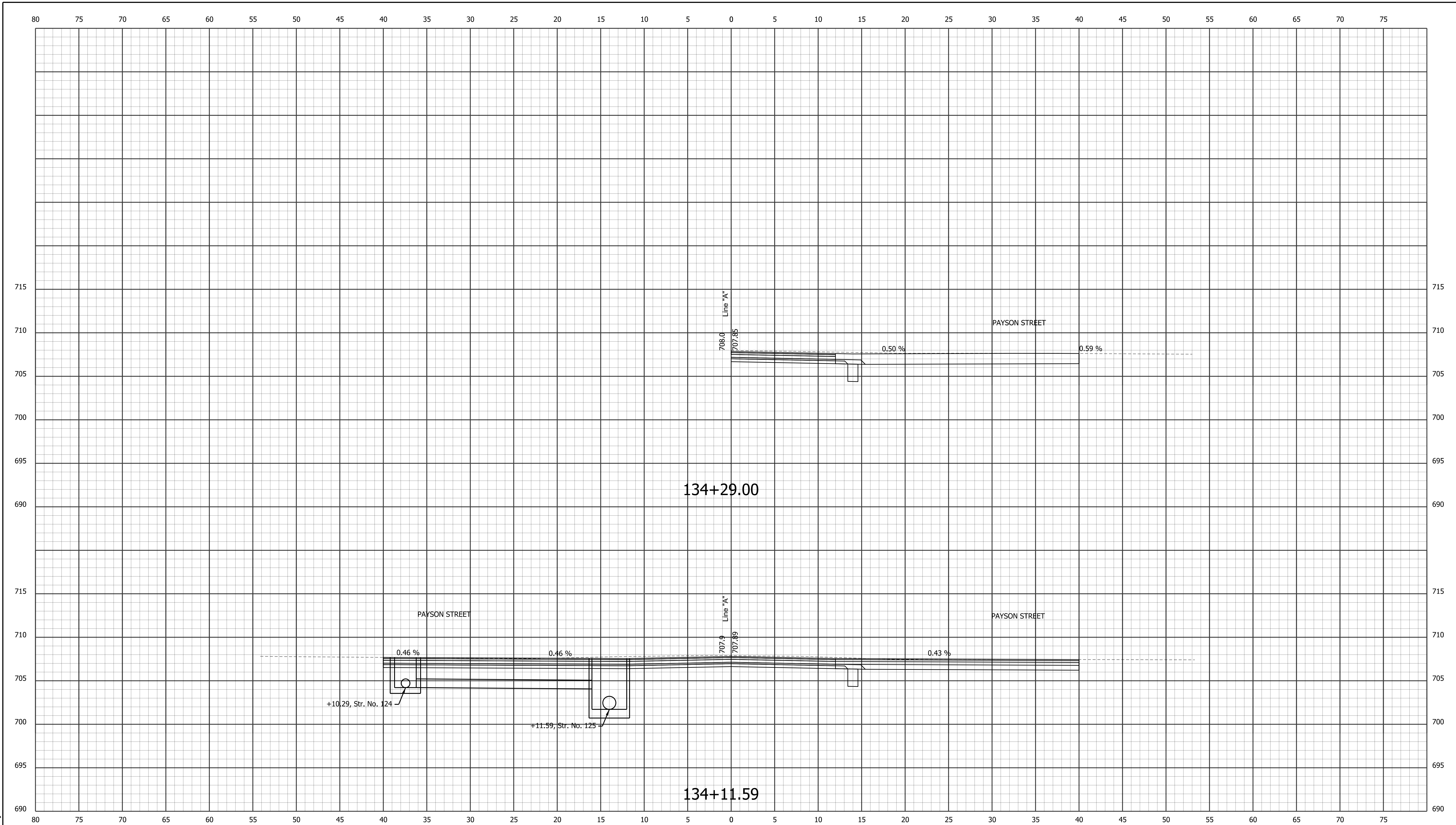
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 133+50.00 "A" TO 134+00.00"A"**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 5'	N/A	
VERTICAL SCALE	DESIGNATION	
1" = 5'	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-35	77 of 141
CONTRACT	PROJECT	
R-39890	1600294	



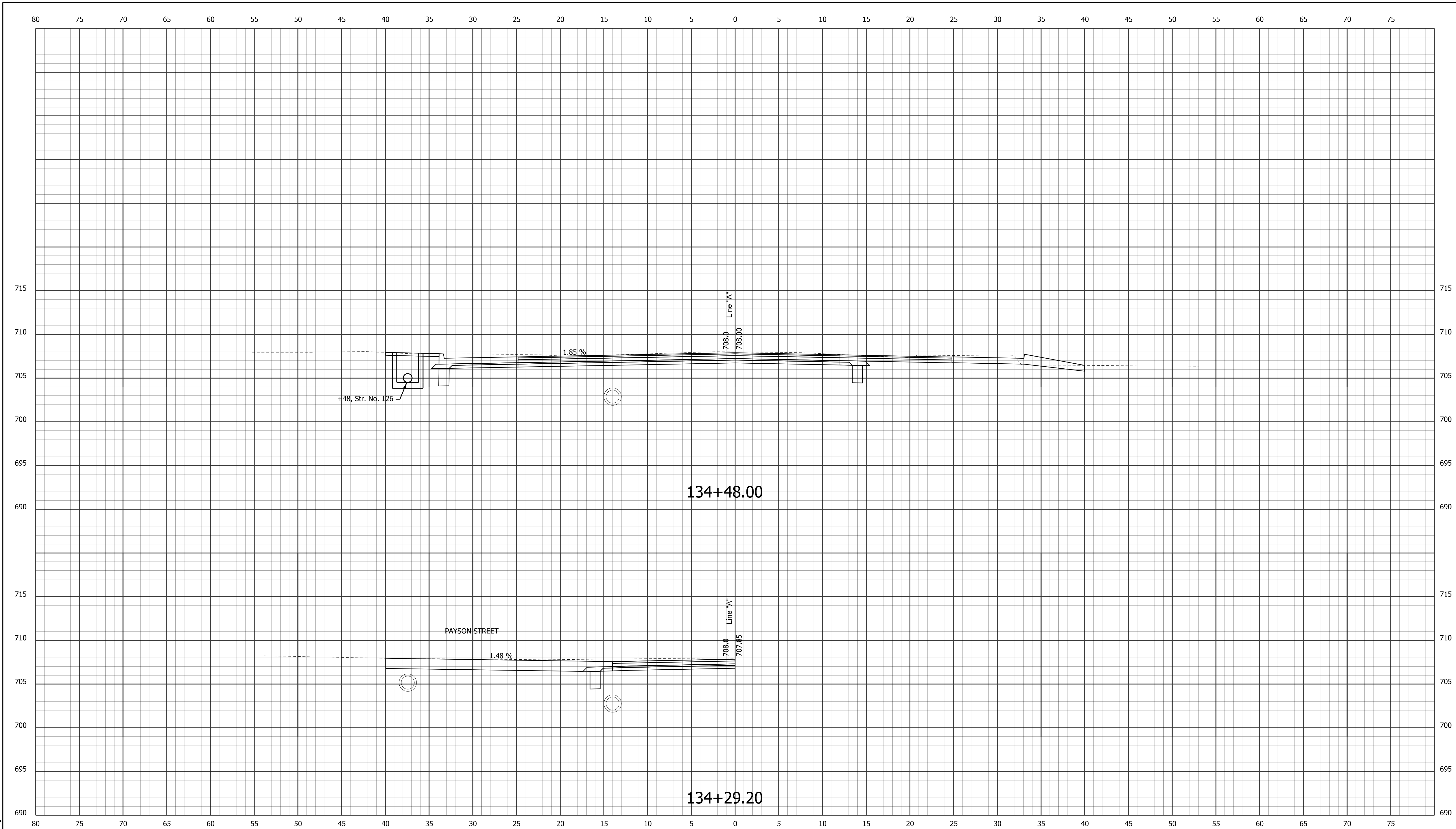
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 134+11.59 "A" TO 134+29.00"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK XS-36	DWG. NO. 78	SHEET NO. 78 of 141	
CONTRACT R-39890		PROJECT 1600294	



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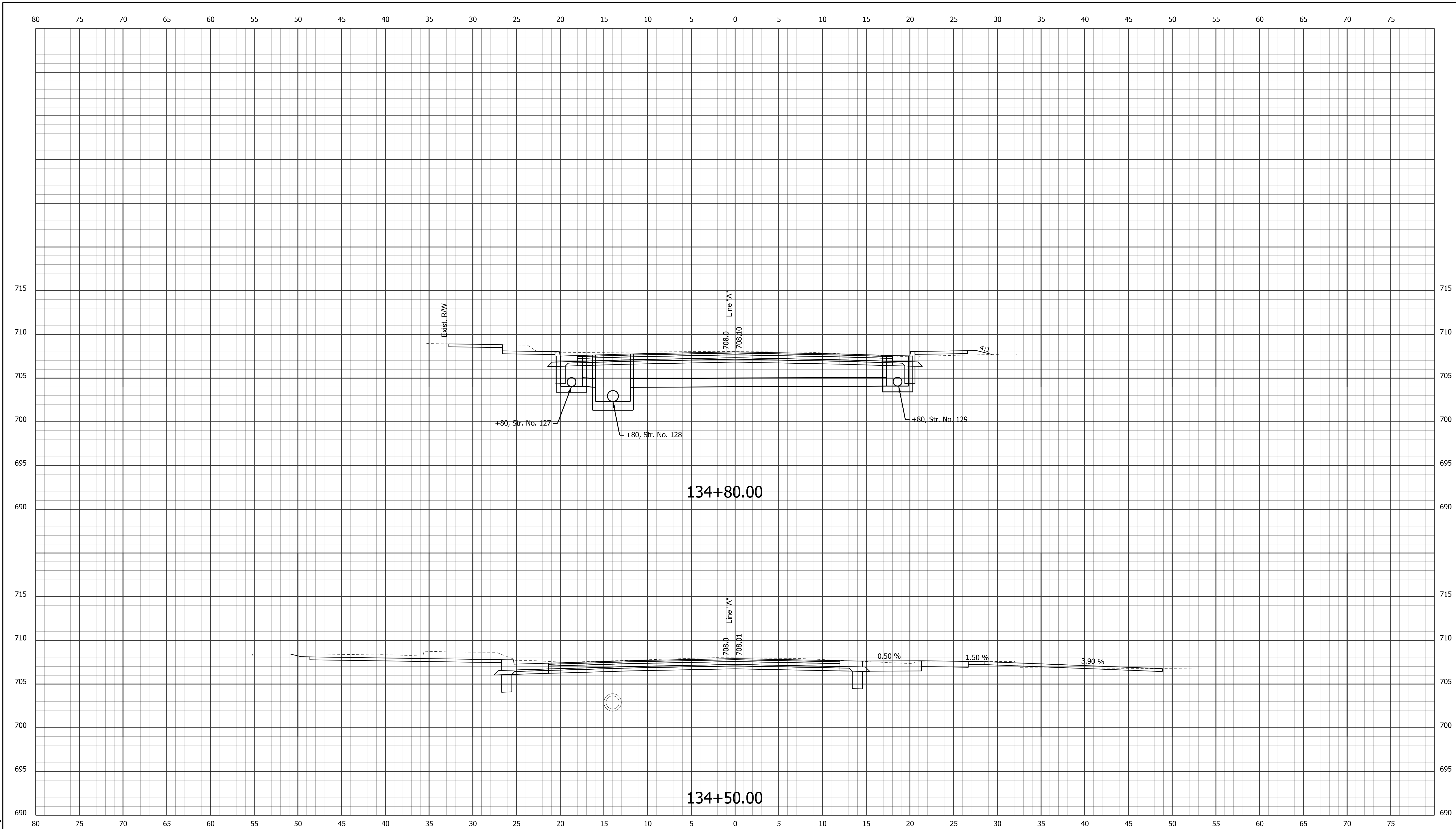
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 134+29.20 "A" TO 134+48.00"A"**

HORIZONTAL SCALE		BRIDGE FILE	
1" = 5'		N/A	
VERTICAL SCALE		DESIGNATION	
1" = 5'		1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-37	79 of 141	
CONTRACT	PROJECT		
R-39890	1600294		



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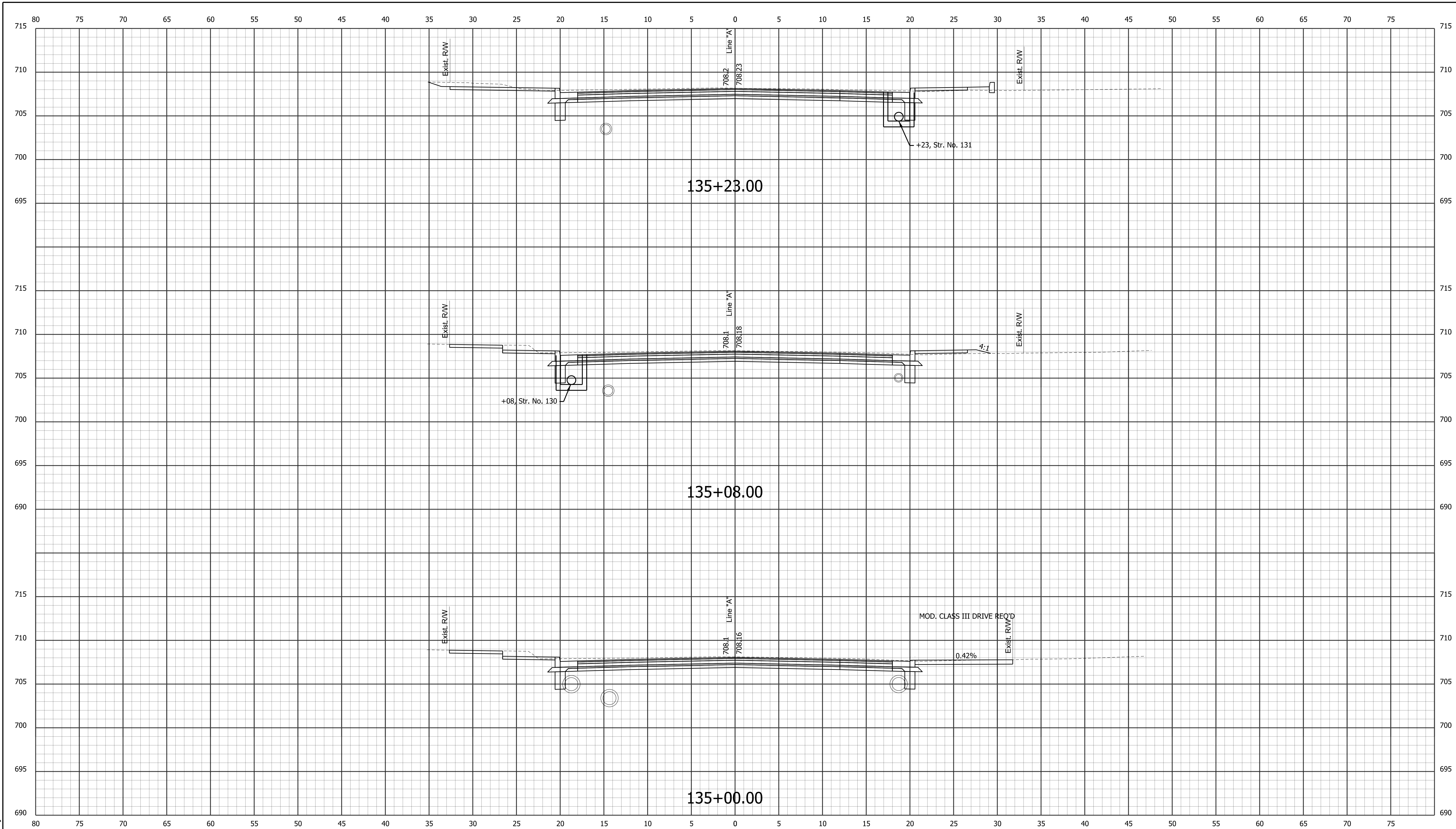
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 134+50.00 "A" TO 134+80.00"A"**

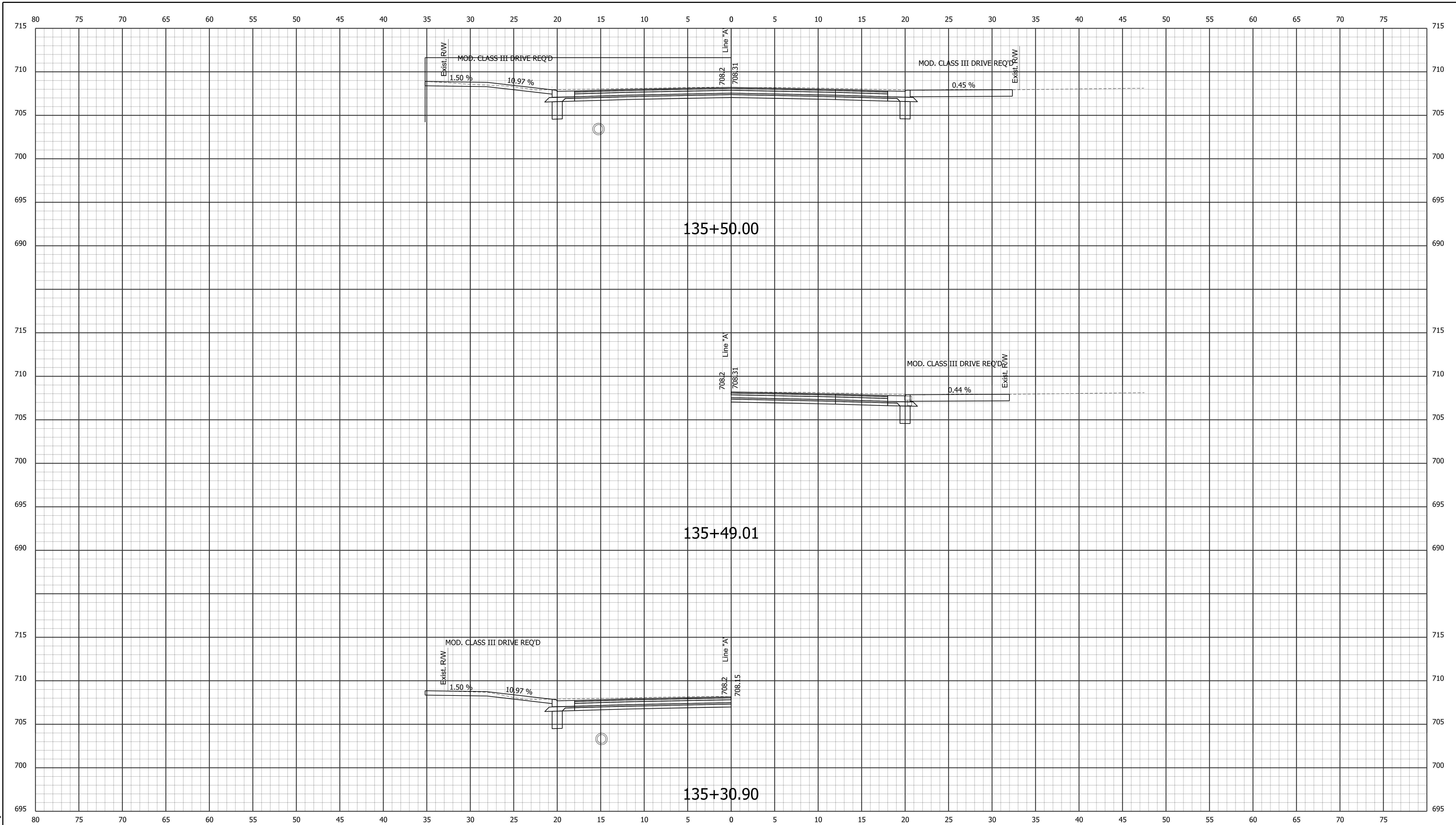
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VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-38	SHEET NO. 80 of 141	
CONTRACT R-39890	PROJECT 1600294		





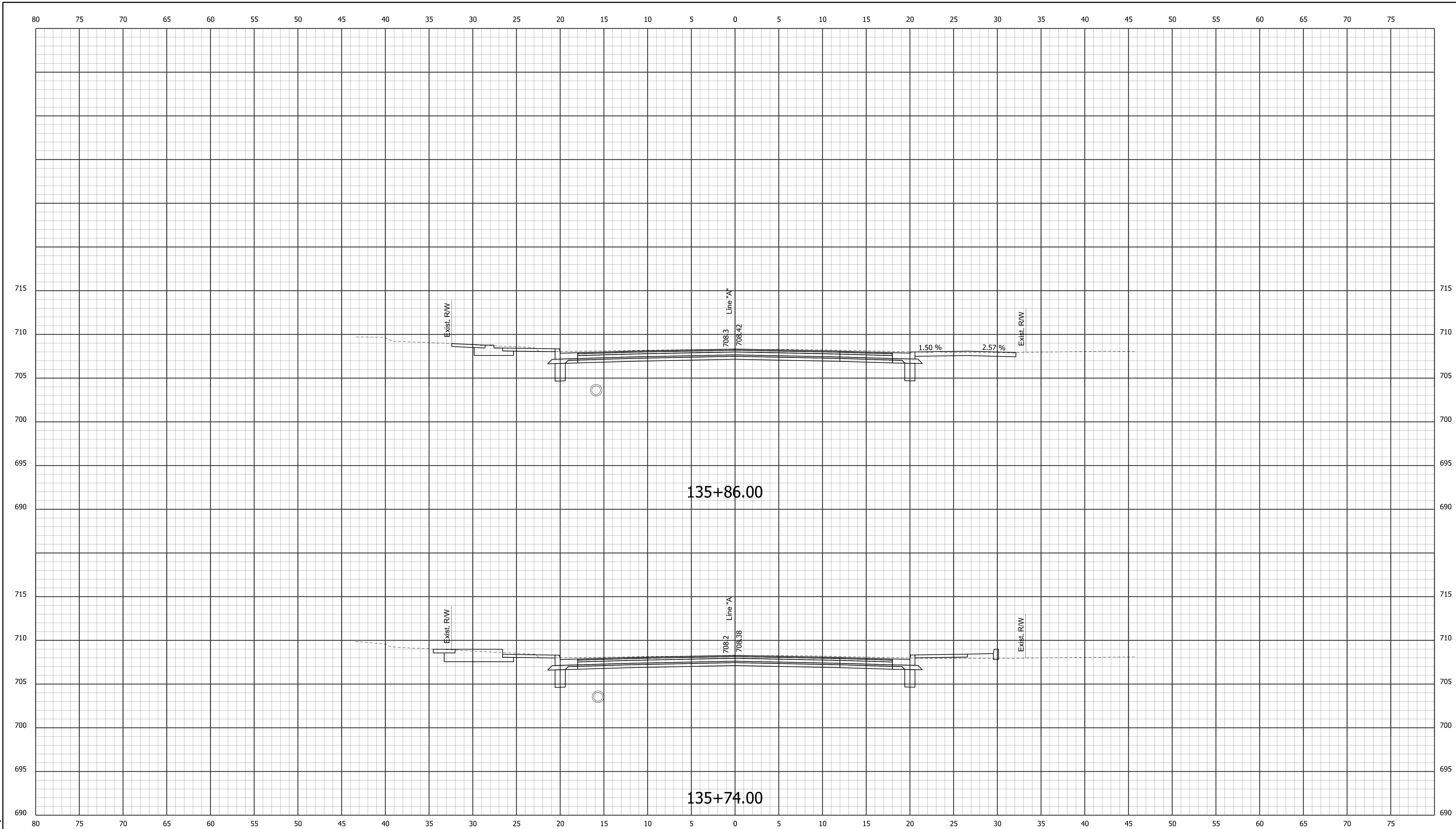
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	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	<b>INDIANA</b> <b>DEPARTMENT OF TRANSPORTATION</b>  <b>CROSS SECTIONS</b>  <b>STA. 135+00.00 "A" TO 135+23.00"A"</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE</td> <td colspan="2">BRIDGE FILE</td> </tr> <tr> <td>1" = 5'</td> <td colspan="2">N/A</td> </tr> <tr> <td>VERTICAL SCALE</td> <td colspan="2">DESIGNATION</td> </tr> <tr> <td>1" = 5'</td> <td colspan="2">1600294</td> </tr> <tr> <td>SURVEY BOOK</td> <td>DWG. NO.</td> <td>SHEET NO.</td> </tr> <tr> <td></td> <td>XS-39</td> <td>81 of 141</td> </tr> <tr> <td>CONTRACT</td> <td colspan="2">PROJECT</td> </tr> <tr> <td>R-39890</td> <td colspan="2">1600294</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE		1" = 5'	N/A		VERTICAL SCALE	DESIGNATION		1" = 5'	1600294		SURVEY BOOK	DWG. NO.	SHEET NO.		XS-39	81 of 141	CONTRACT	PROJECT		R-39890	1600294	
HORIZONTAL SCALE	BRIDGE FILE																										
1" = 5'	N/A																										
VERTICAL SCALE	DESIGNATION																										
1" = 5'	1600294																										
SURVEY BOOK	DWG. NO.	SHEET NO.																									
	XS-39	81 of 141																									
CONTRACT	PROJECT																										
R-39890	1600294																										
DESIGNED: MJS	DRAWN: MJS																										
CHECKED: JRA	CHECKED: JRA																										



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	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	<b>INDIANA</b> <b>DEPARTMENT OF TRANSPORTATION</b>	HORIZONTAL SCALE 1" = 5' VERTICAL SCALE 1" = 5' BRIDGE FILE N/A DESIGNATION 1600294
DESIGNED: MJS CHECKED: JRA	DRAWN: MJS CHECKED: JRA	<b>CROSS SECTIONS</b> <b>STA. 135+30.90 "A" TO 135+50.00"A"</b>	SURVEY BOOK CONTRACT XS-40 R-39890 DWG. NO. PROJECT 82 of 141 SHEET NO. 1600294



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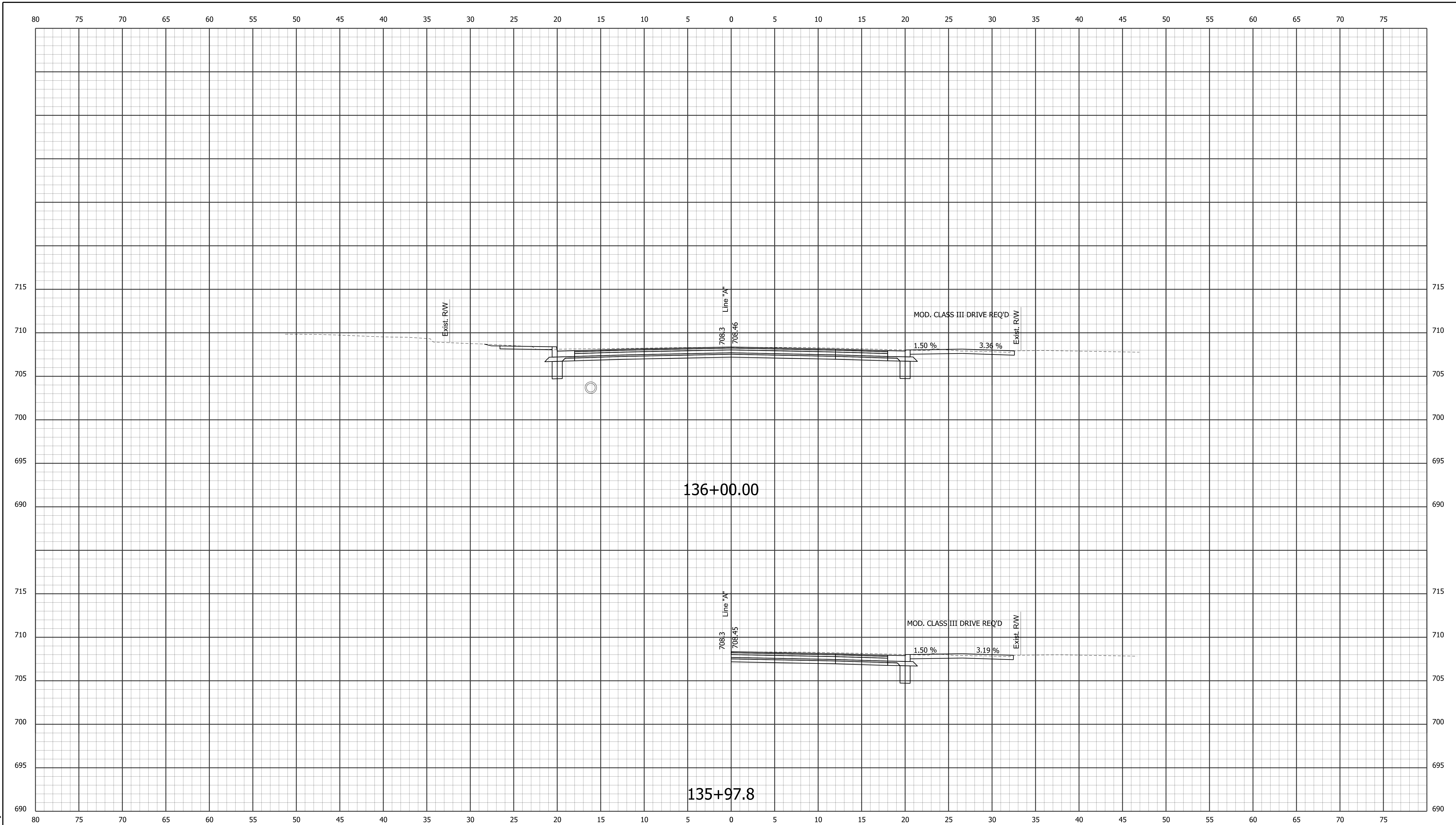
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 135+74.00 "A" TO 135+86.00"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-41	SHEET NO. 83 of 141
CONTRACT R-39890	PROJECT 1600294	



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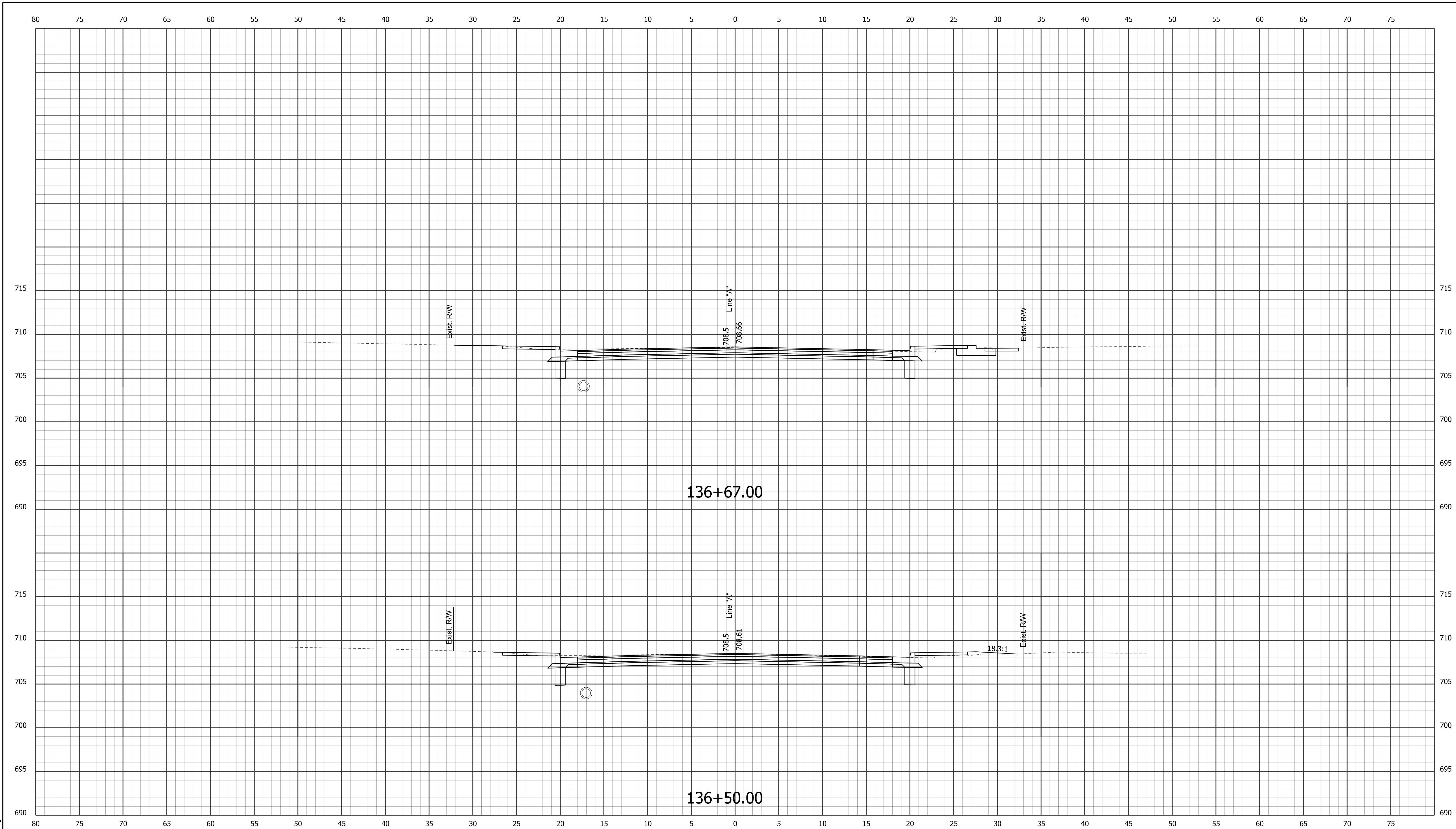
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

STA. 135+96.47 "A" TO 136+00.00"A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-42	SHEET NO. 84 of 141
CONTRACT R-39890	PROJECT 1600294	



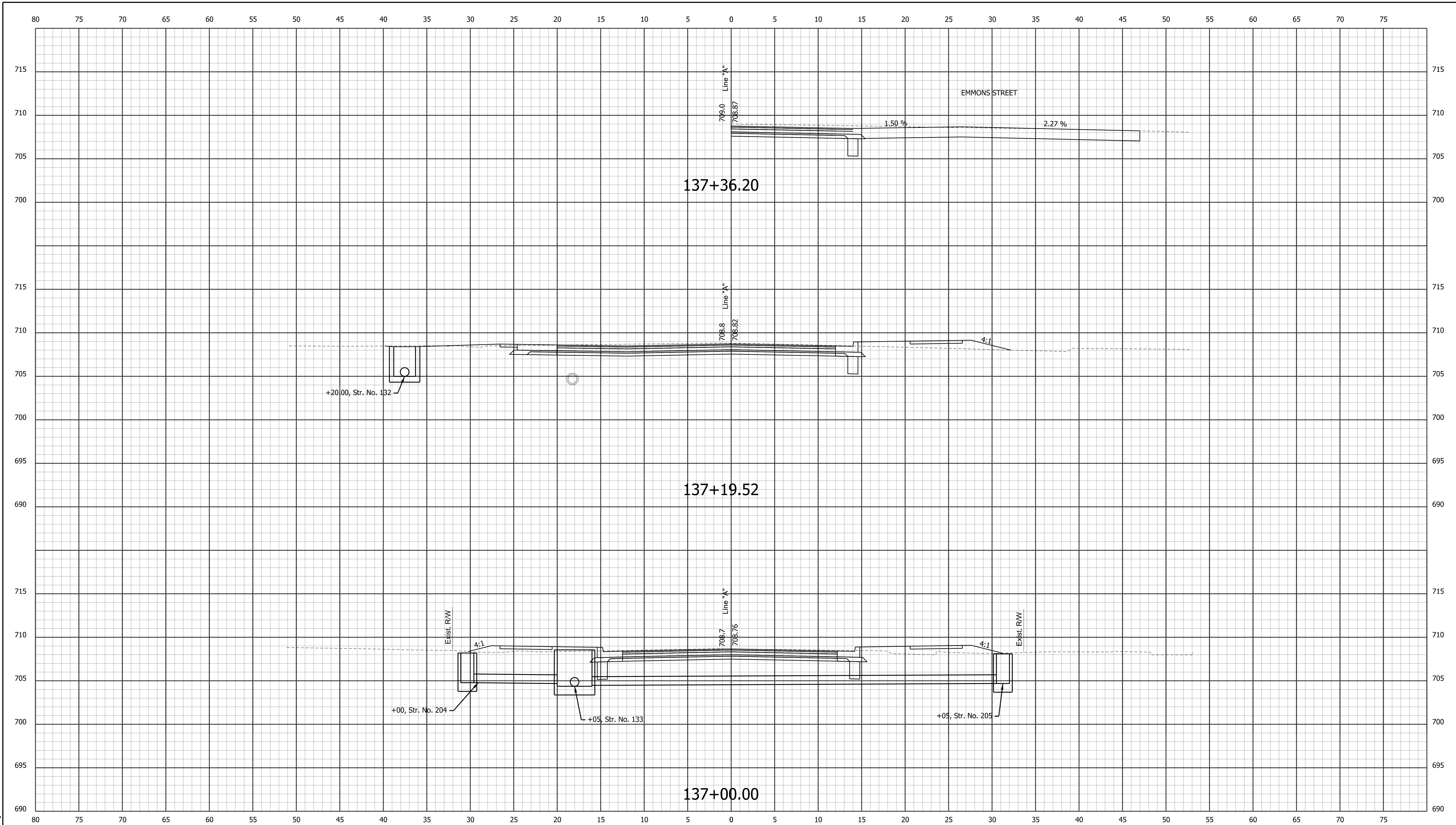
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: MJS	DRAWN: MJS				
CHECKED: JRA	CHECKED: JRA				

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 136+50.00 "A" TO 136+67.00"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK XS-43	DWG. NO. 85	SHEET NO. 85 of 141	
CONTRACT R-39890		PROJECT 1600294	

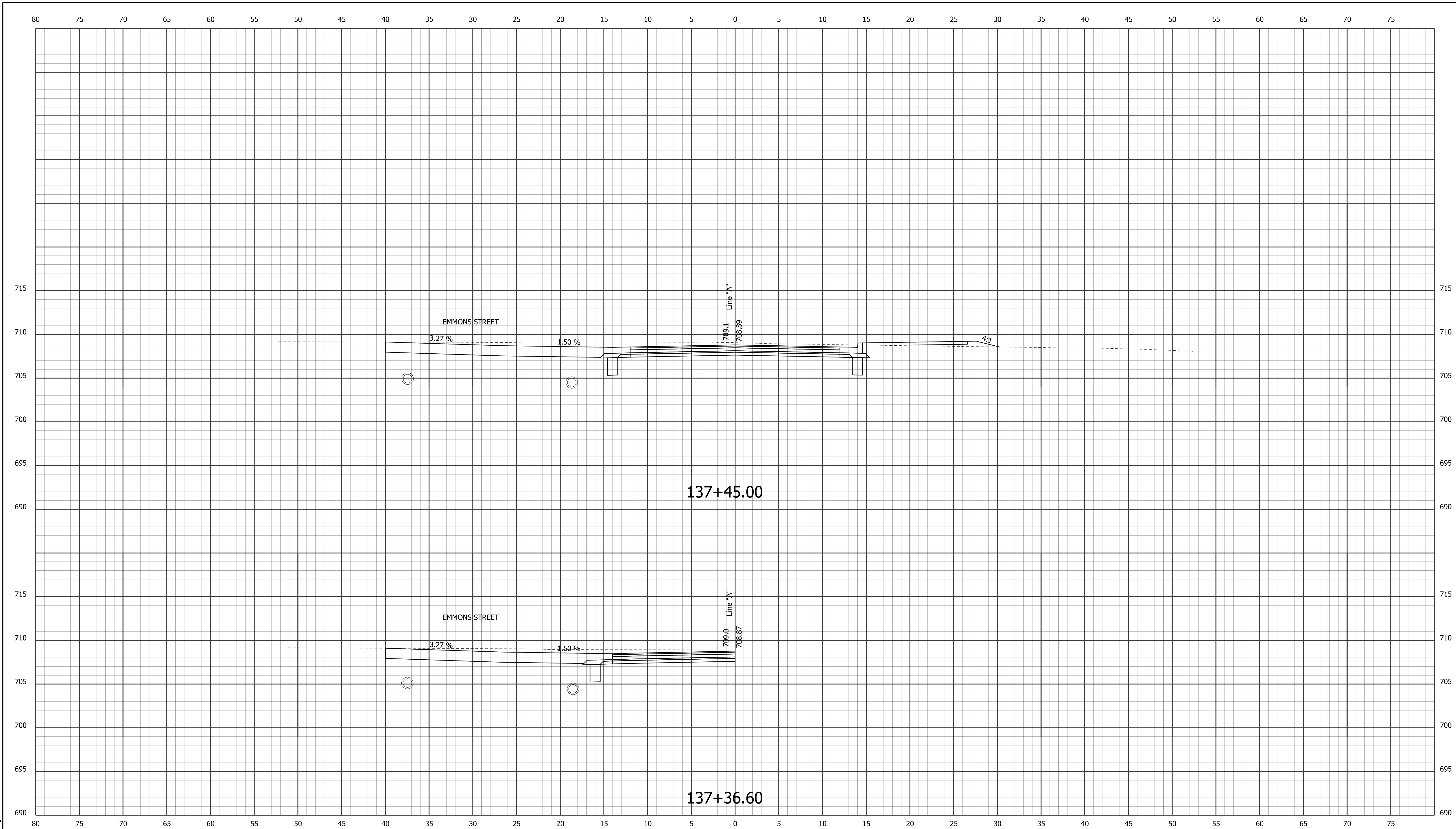


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RECOMMENDED FOR APPROVAL _____	
DESIGNED: MJS	DRAWN: MJS
CHECKED: JRA	CHECKED: JRA

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
**CROSS SECTIONS**  
**STA. 137+00.00 "A" TO 137+36.20"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK XS-44	DWG. NO. 86	SHEET NO. of 141
CONTRACT R-39890	PROJECT 1600294	



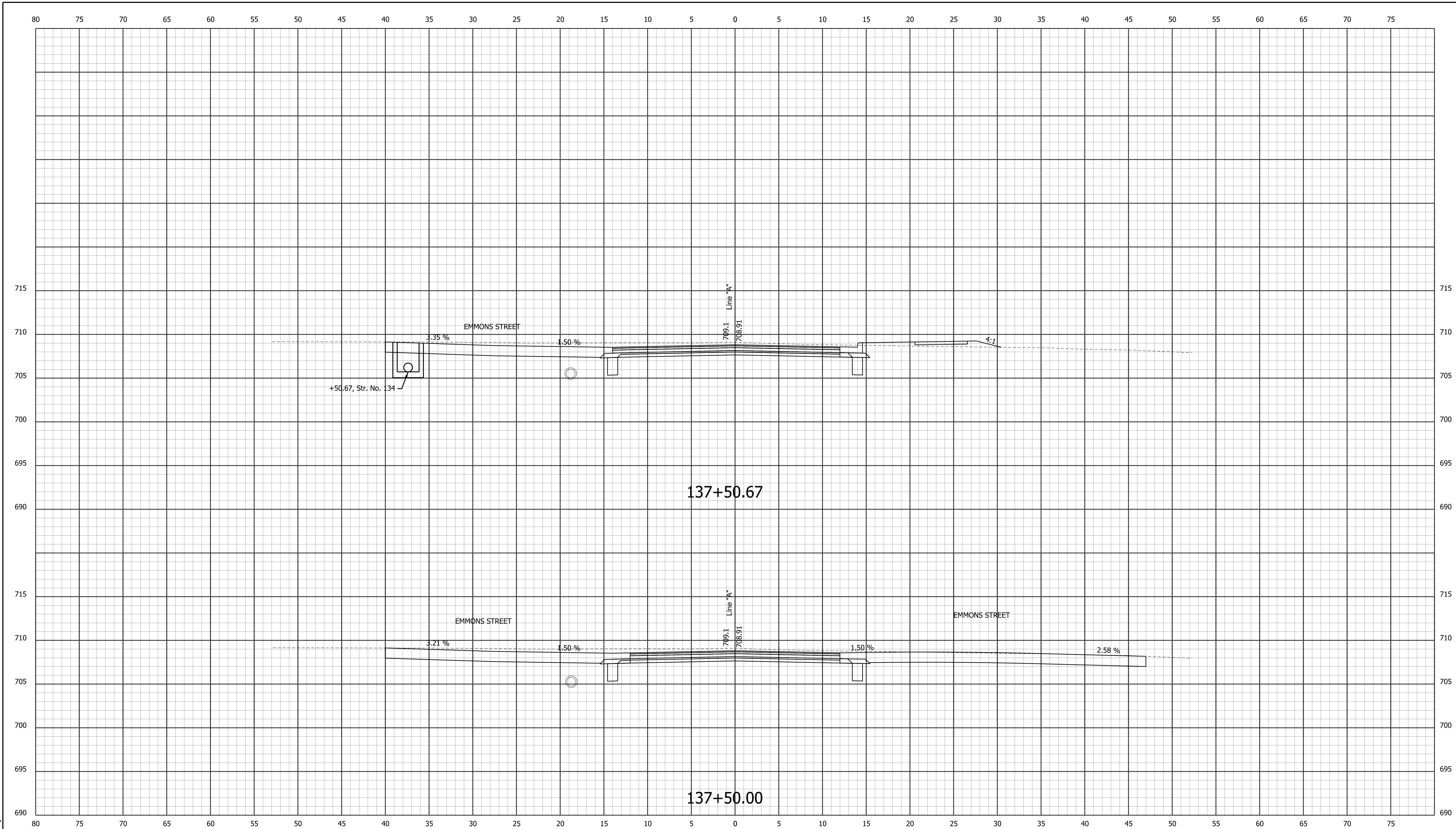
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 137+36.60 "A" TO 137+45.00"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK XS-45	DWG. NO. 87	SHEET NO. of 141	
CONTRACT R-39890		PROJECT 1600294	



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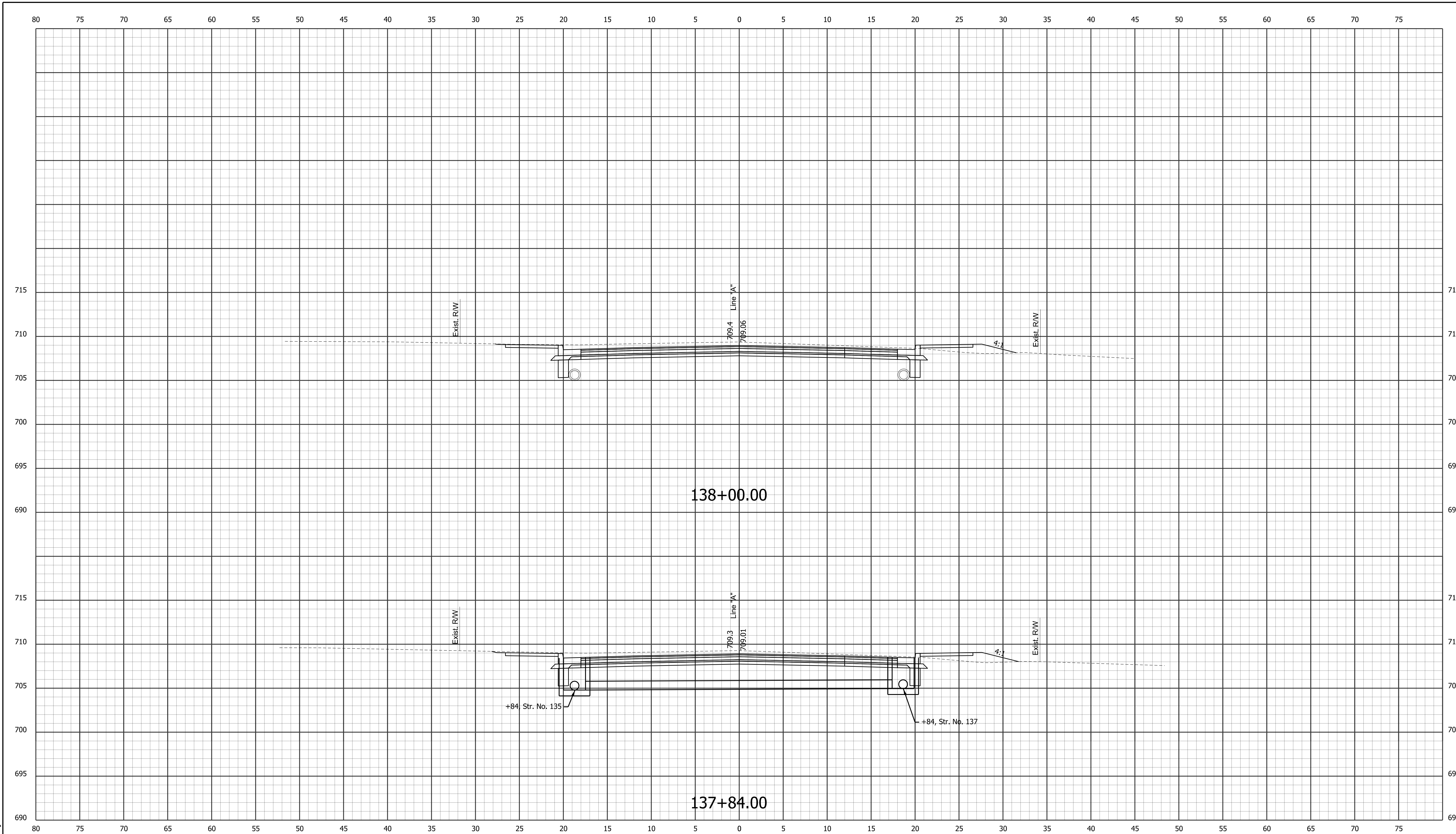
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 137+50.00 "A" TO 137+50.67"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK XS-46	DWG. NO. 88	SHEET NO. of 141
CONTRACT R-39890	PROJECT 1600294	





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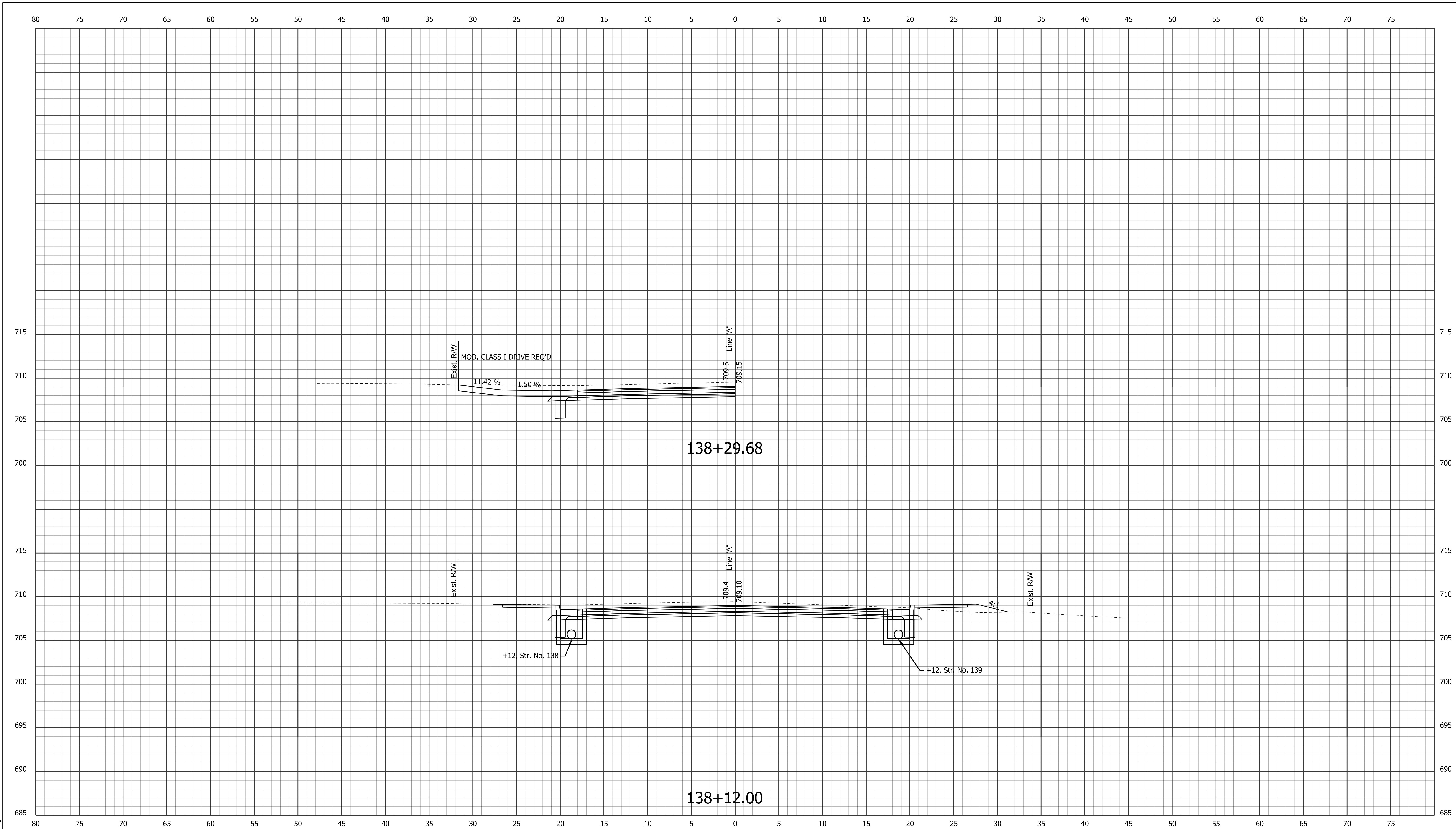
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 137+84.00 "A" TO 138+00.00"A"**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 5'	N/A	
VERTICAL SCALE	DESIGNATION	
1" = 5'	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-47	89 of 141
CONTRACT	PROJECT	
R-39890	1600294	



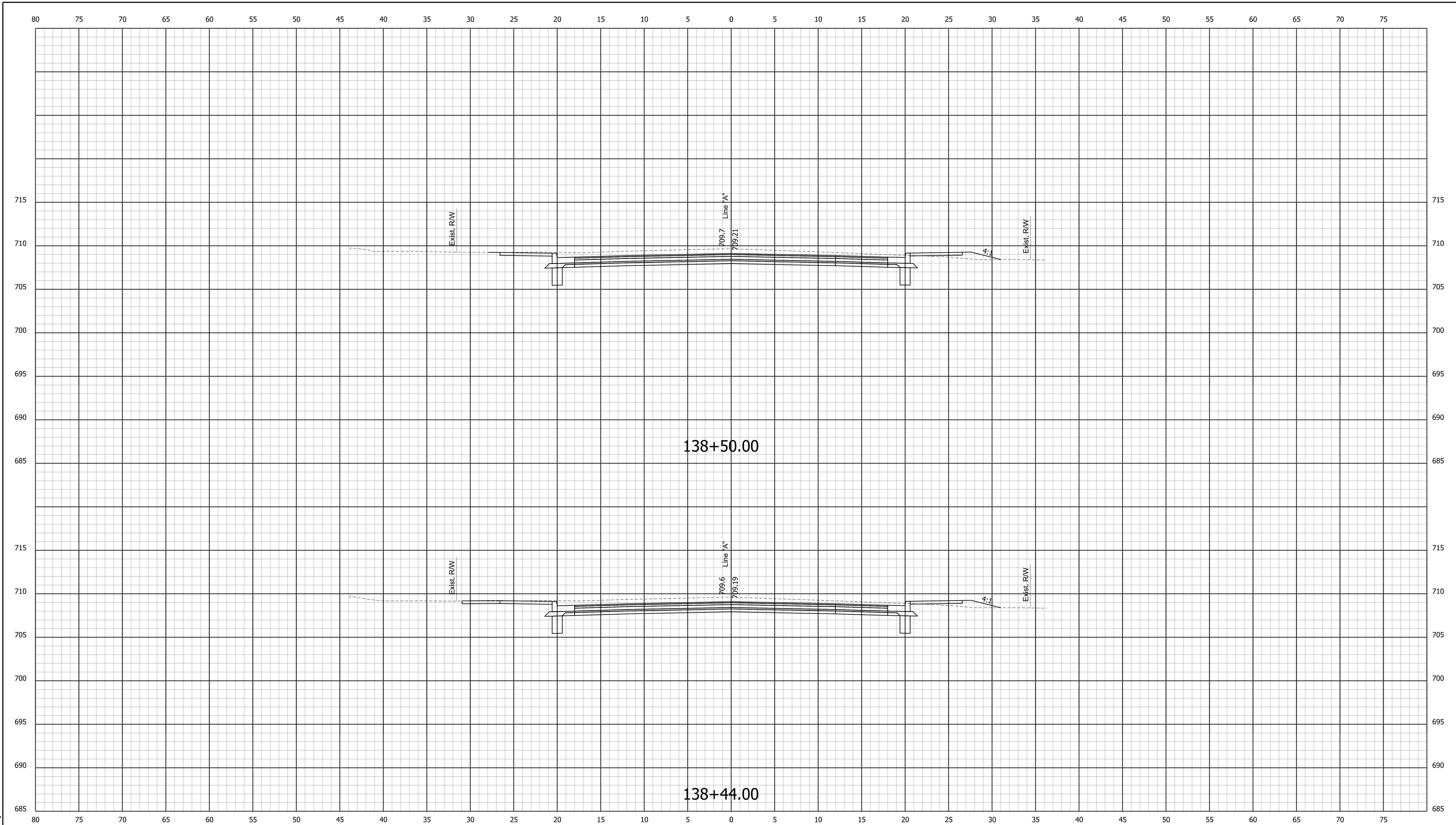
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 138+12.00 "A" TO 138+29.68"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-48	SHEET NO. 90 of 141
CONTRACT R-39890	PROJECT 1600294	



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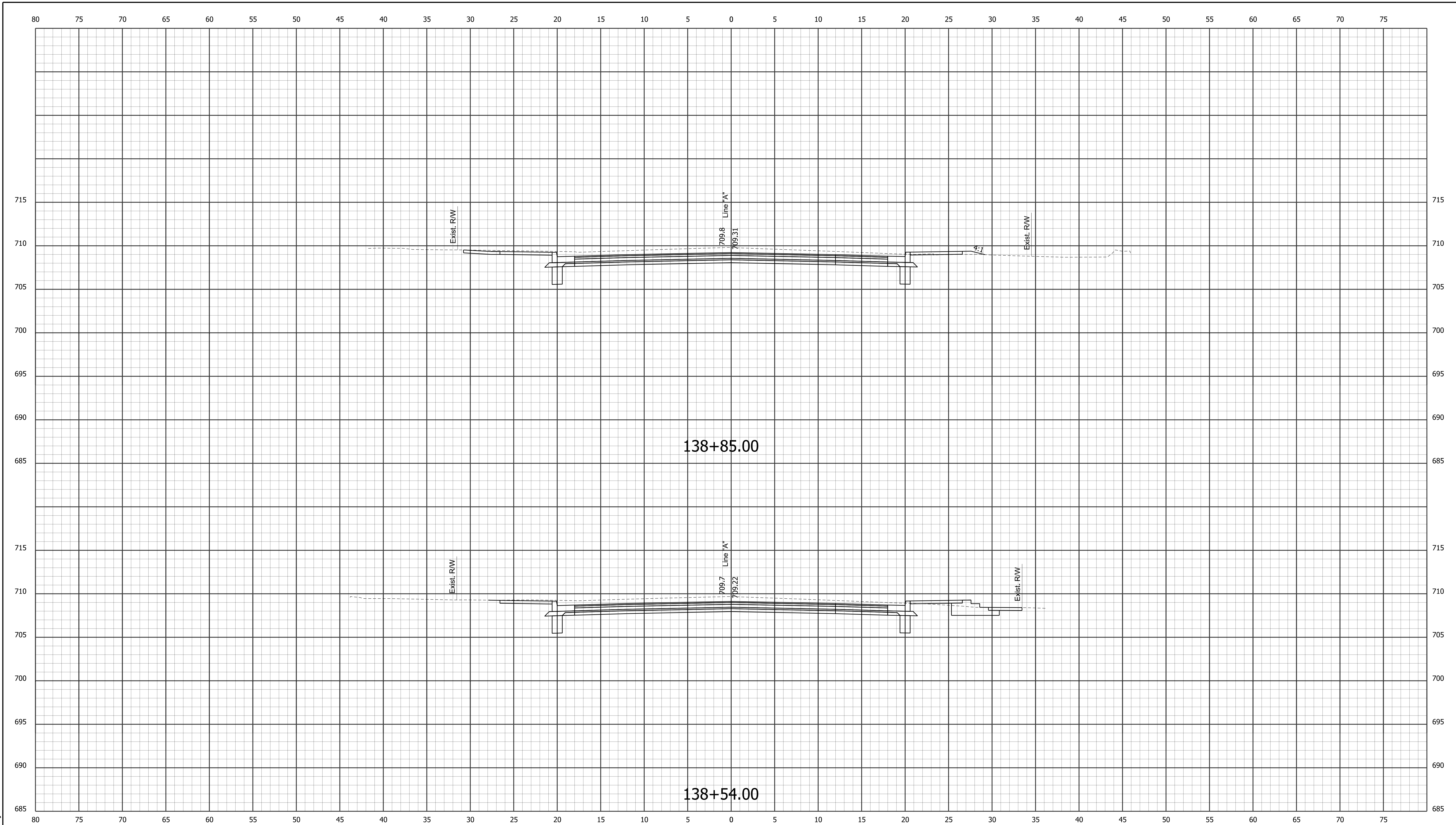
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 138+44.00 "A" TO 138+50.00"A"**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 5'	N/A	
VERTICAL SCALE	DESIGNATION	
1" = 5'	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-49	91 of 141
CONTRACT	PROJECT	
R-39890	1600294	

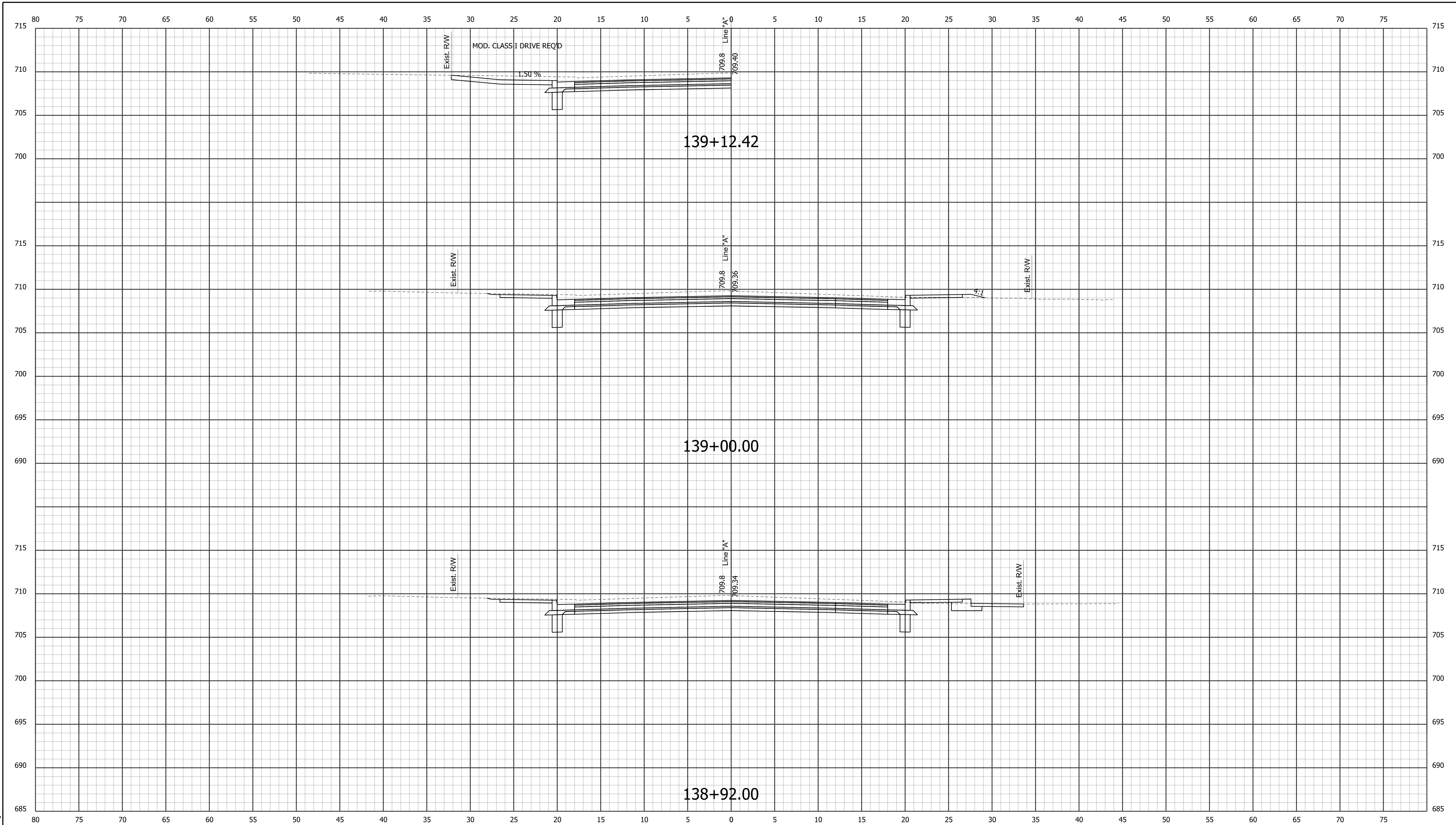


138+85.00

138+54.00

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	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	<b>INDIANA</b> <b>DEPARTMENT OF TRANSPORTATION</b>	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
	DESIGNED: MJS      DRAWN: MJS	<b>CROSS SECTIONS</b>	VERTICAL SCALE 1" = 5'	DESIGNATION 1600294
	CHECKED: JRA      CHECKED: JRA	<b>STA. 138+54.00 "A" TO 138+85.00"A"</b>	SURVEY BOOK XS-50	SHEET NO. 92 of 141
			CONTRACT R-39890	PROJECT 1600294



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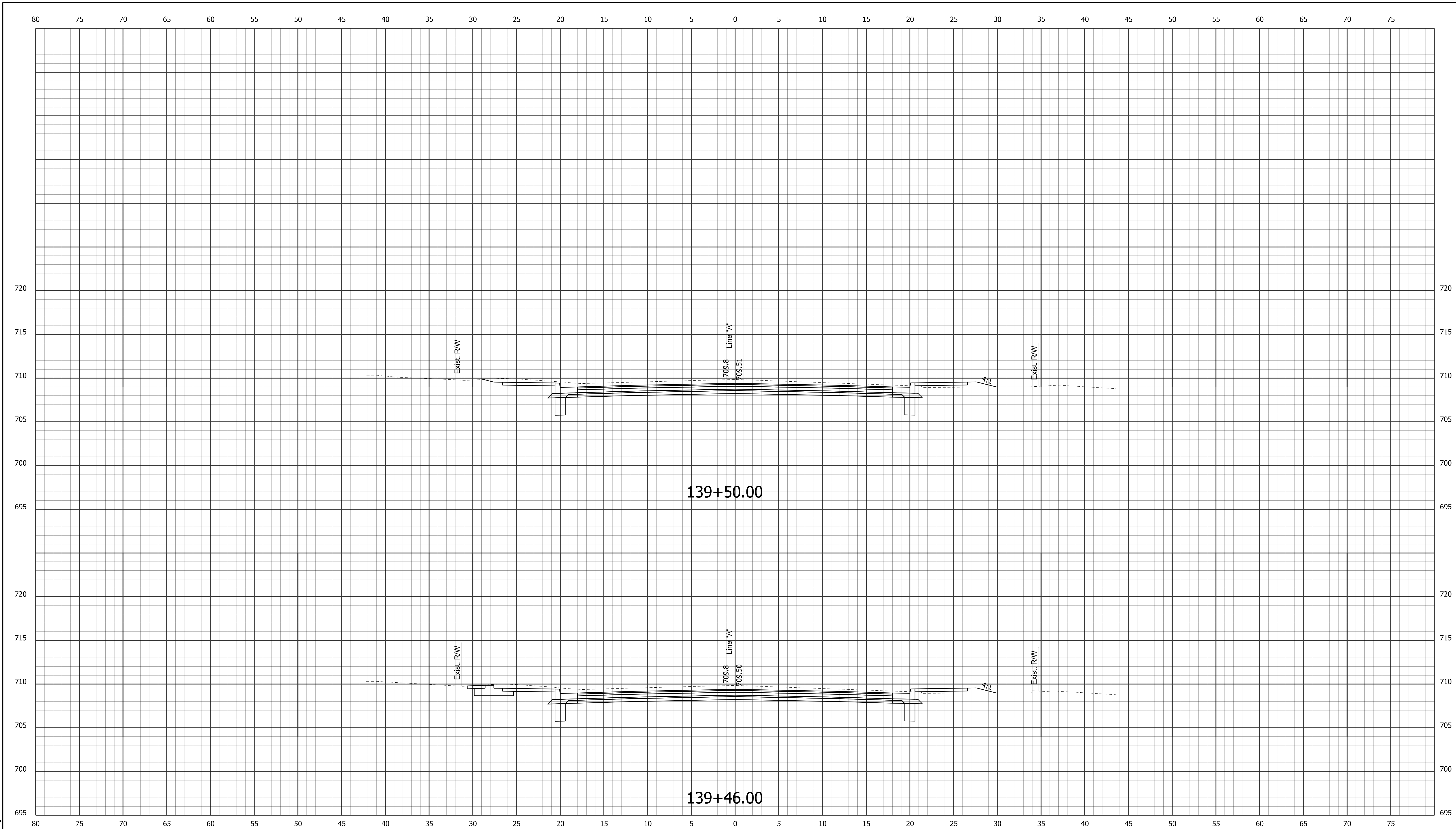
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 138+92.00 "A" TO 139+12.42"A"**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 5'	N/A	
VERTICAL SCALE	DESIGNATION	
1" = 5'	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-51	93 of 141
CONTRACT	PROJECT	
R-39890	1600294	



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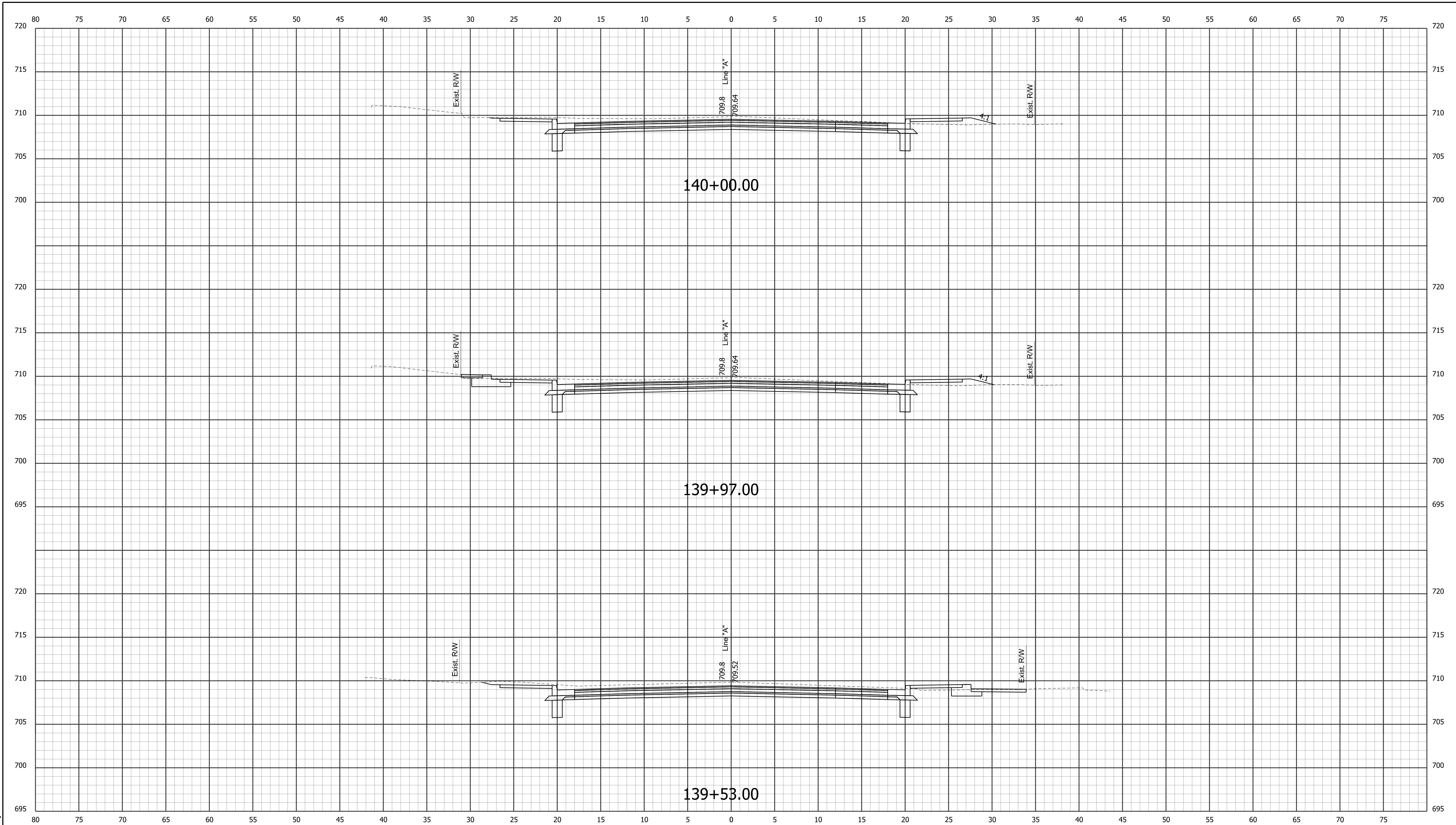
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: MJS	DRAWN: MJS				
CHECKED: JRA	CHECKED: JRA				

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 139+46.00 "A" TO 139+50.00"A"**

HORIZONTAL SCALE		BRIDGE FILE	
1" = 5'		N/A	
VERTICAL SCALE		DESIGNATION	
1" = 5'		1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-52	94 of 141	
CONTRACT	PROJECT		
R-39890	1600294		



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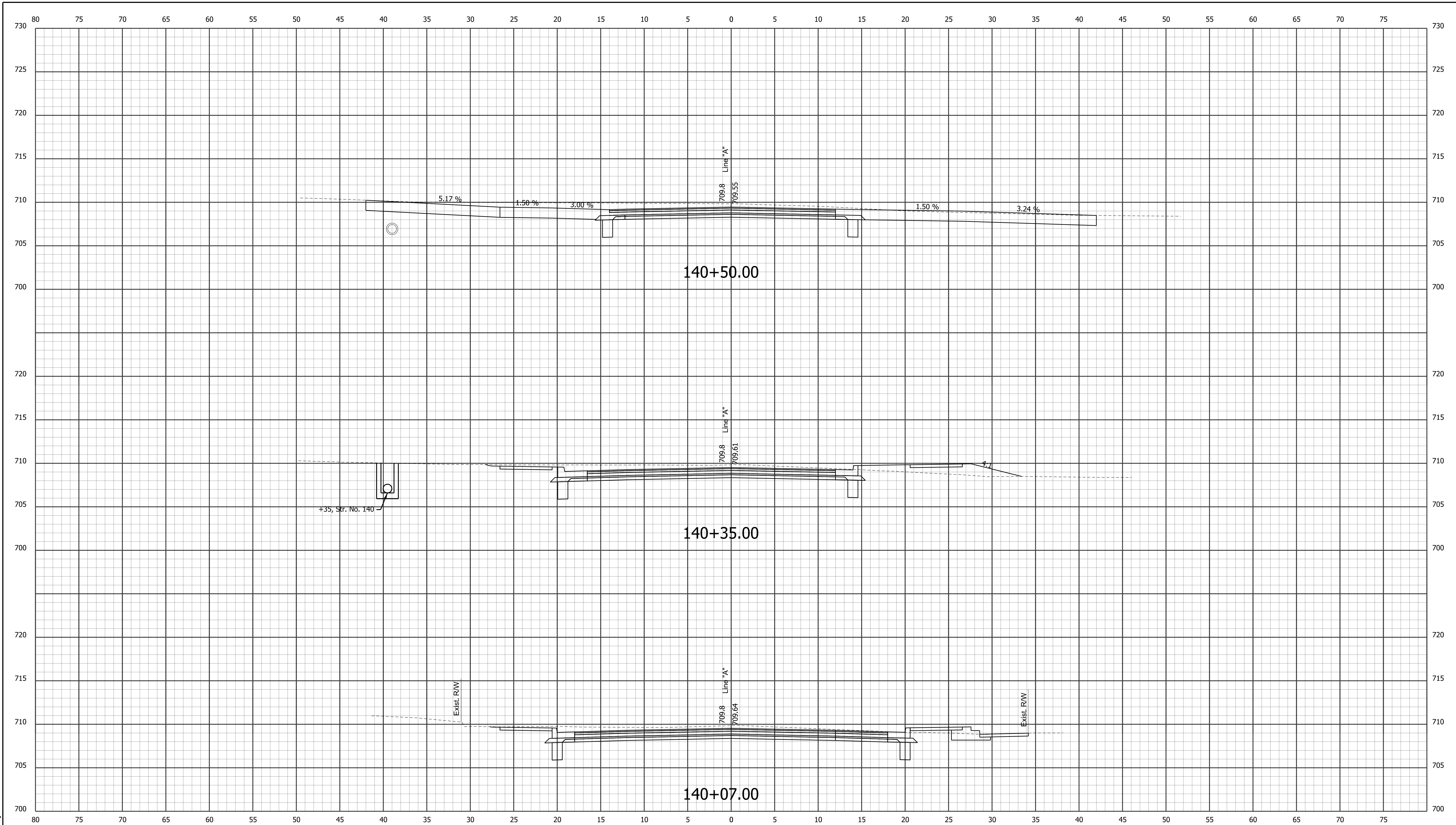
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DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 139+53.00 "A" TO 140+00.00"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-53	95 of 141	
CONTRACT R-39890		PROJECT 1600294	



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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

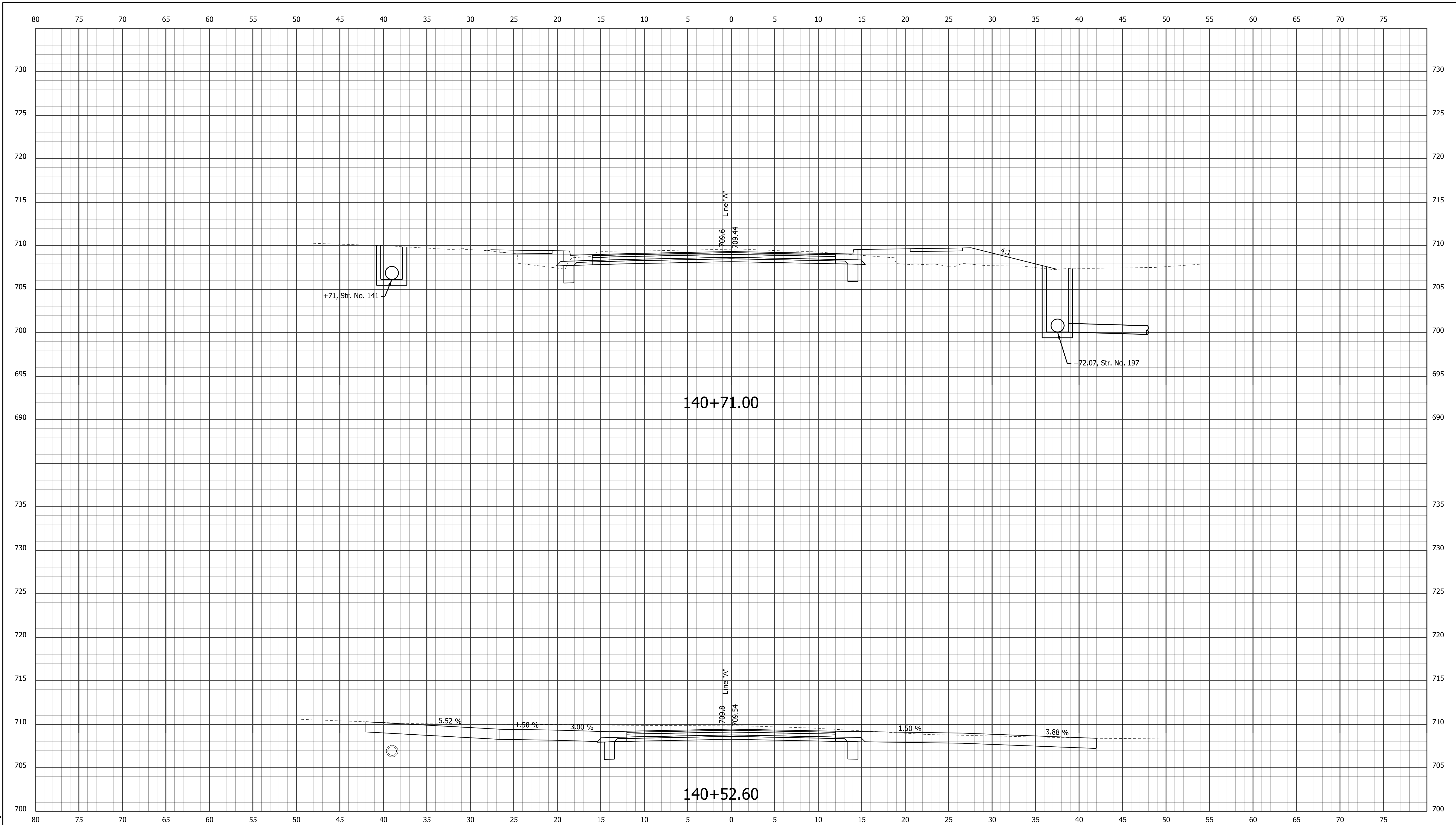
**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 140+07.00 "A" TO 140+50.00"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-54	96 of 141	
CONTRACT R-39890	PROJECT 1600294		





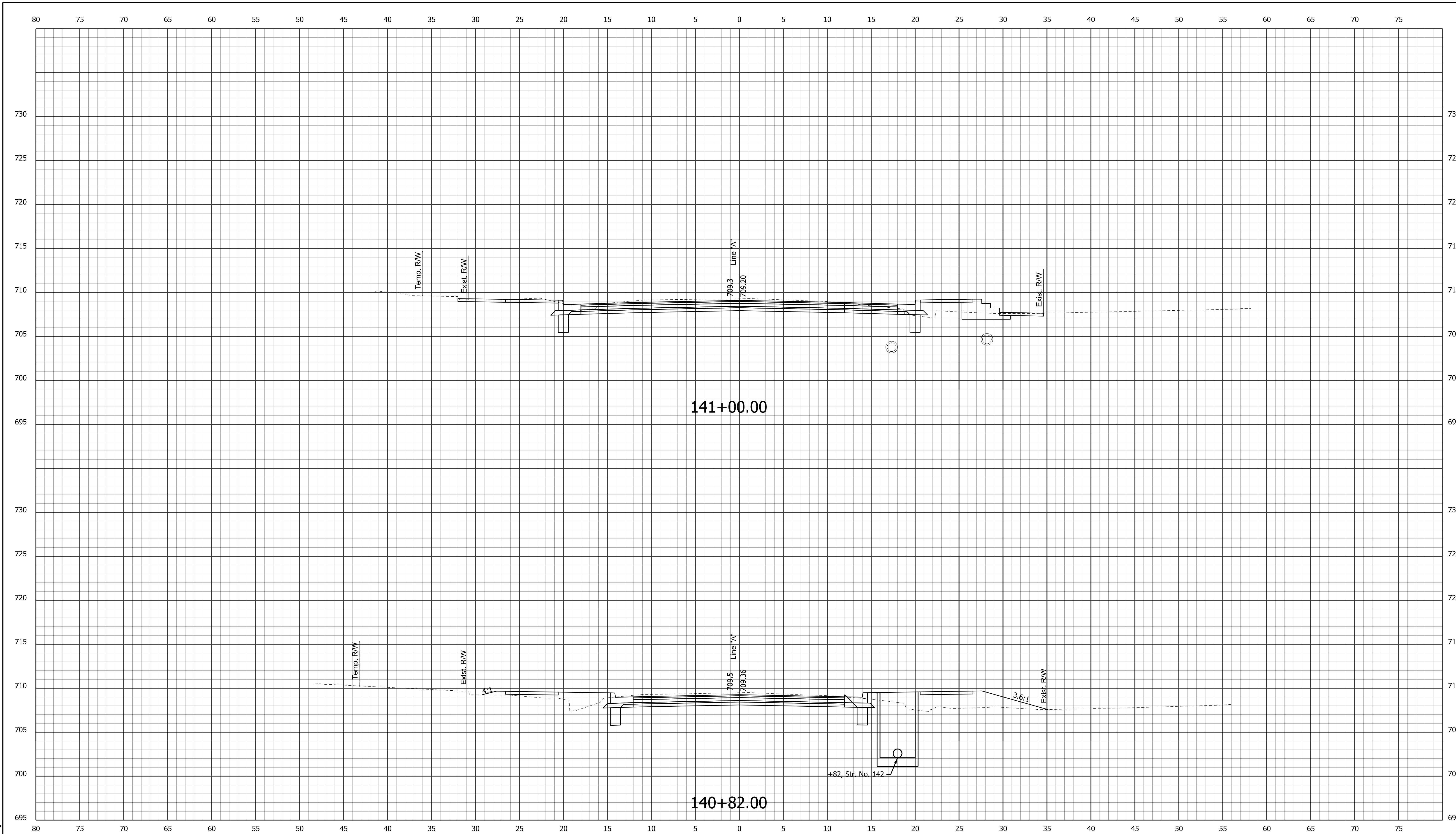
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 140+52.60 "A" TO 140+71.00"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK XS-55	DWG. NO. 97	SHEET NO. of 141
CONTRACT R-39890	PROJECT 1600294	



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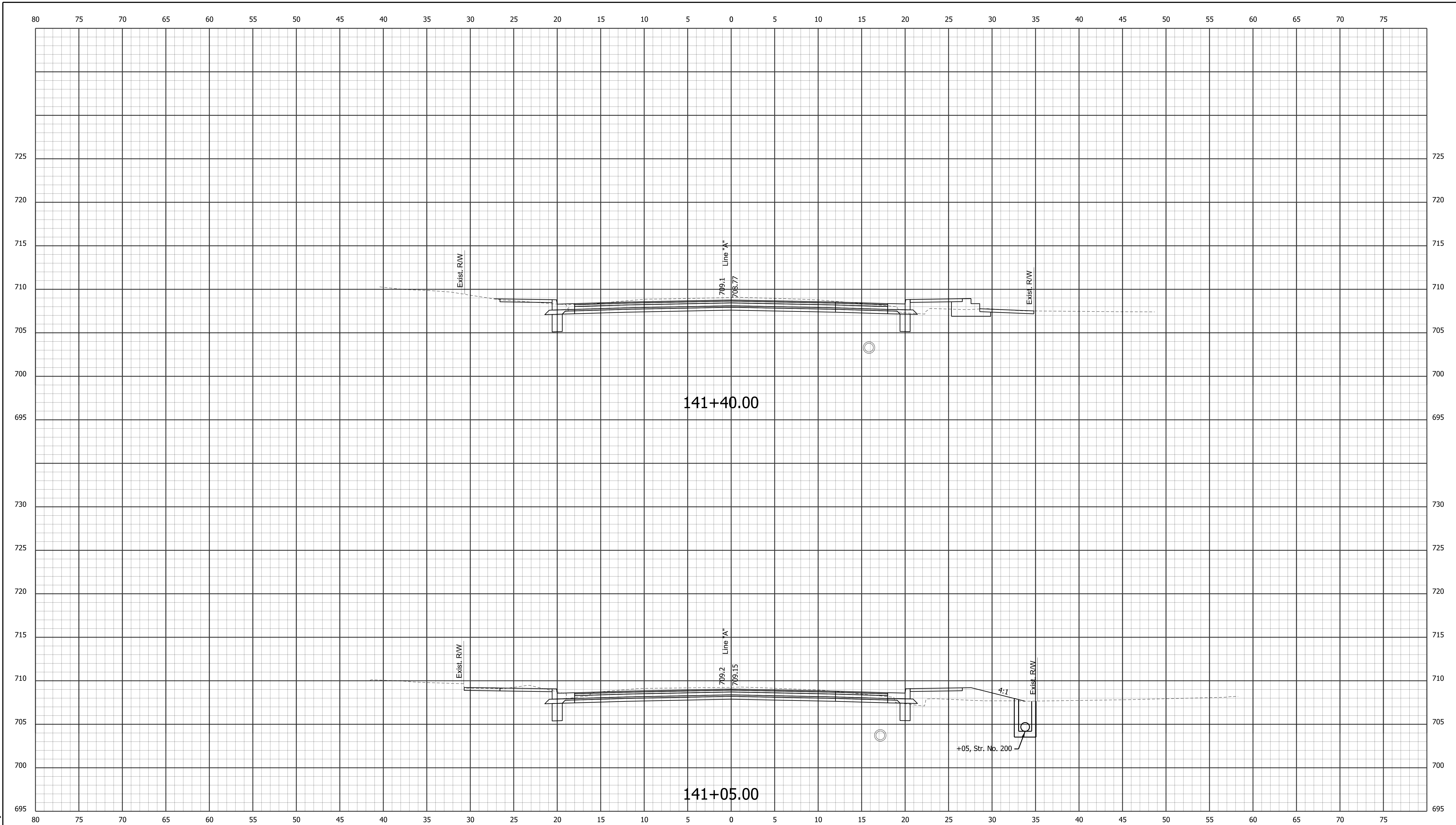
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 140+82.00 "A" TO 141+00.00"A"**

HORIZONTAL SCALE		BRIDGE FILE	
1" = 5'		N/A	
VERTICAL SCALE		DESIGNATION	
1" = 5'		1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-56	98 of 141	
CONTRACT	PROJECT		
R-39890	1600294		



141+40.00

141+05.00

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

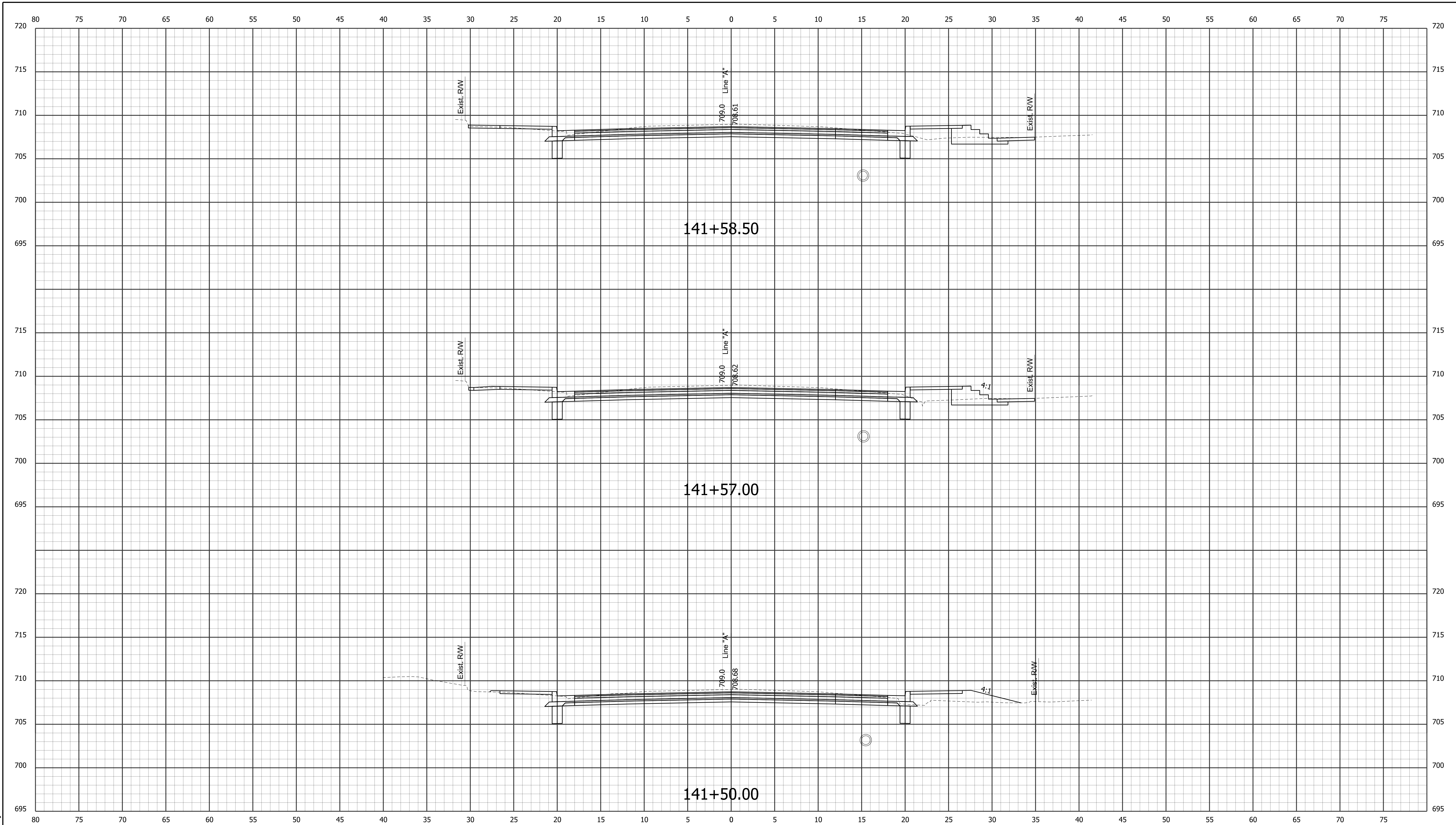
**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 141+05.00 "A" TO 141+40.00"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK XS-57	DWG. NO. 99	SHEET NO. of 141
CONTRACT R-39890	PROJECT 1600294	

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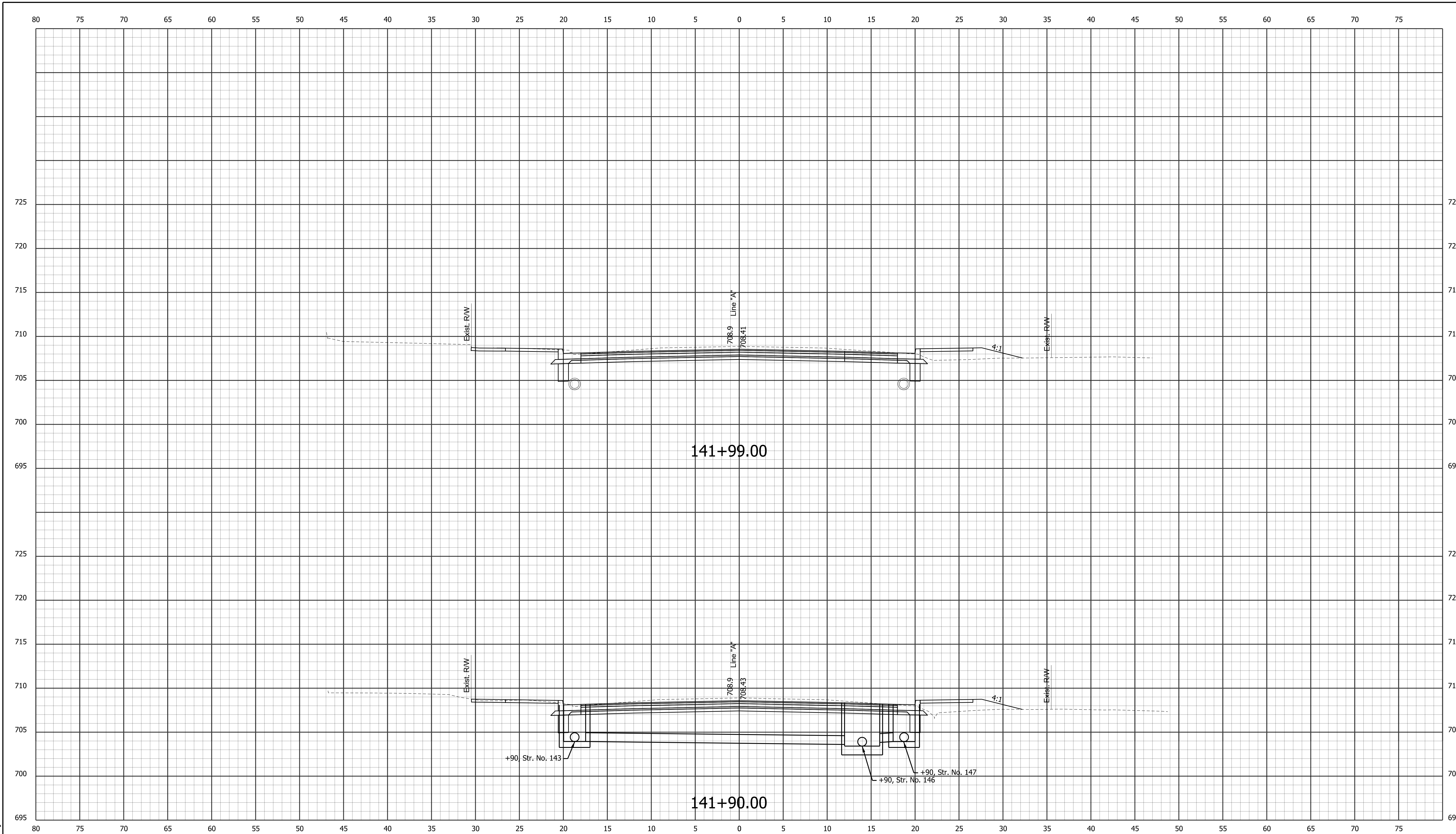
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 141+50.00 "A" TO 141+58.50"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-58	100 of 141	
CONTRACT R-39890		PROJECT 1600294	



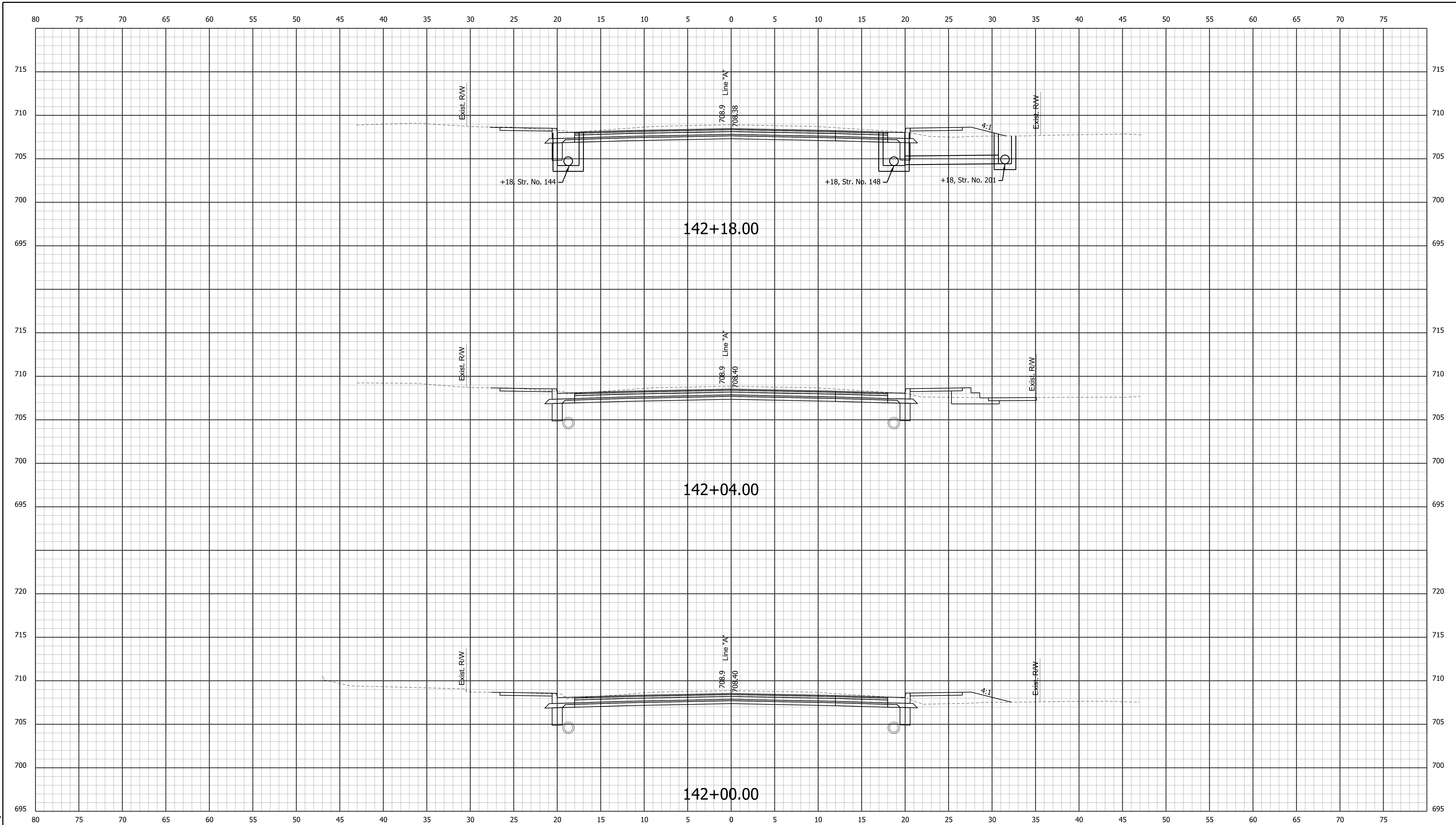
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 141+90.00 "A" TO 141+99.00"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-59	SHEET NO. 101 of 141
CONTRACT R-39890	PROJECT 1600294	



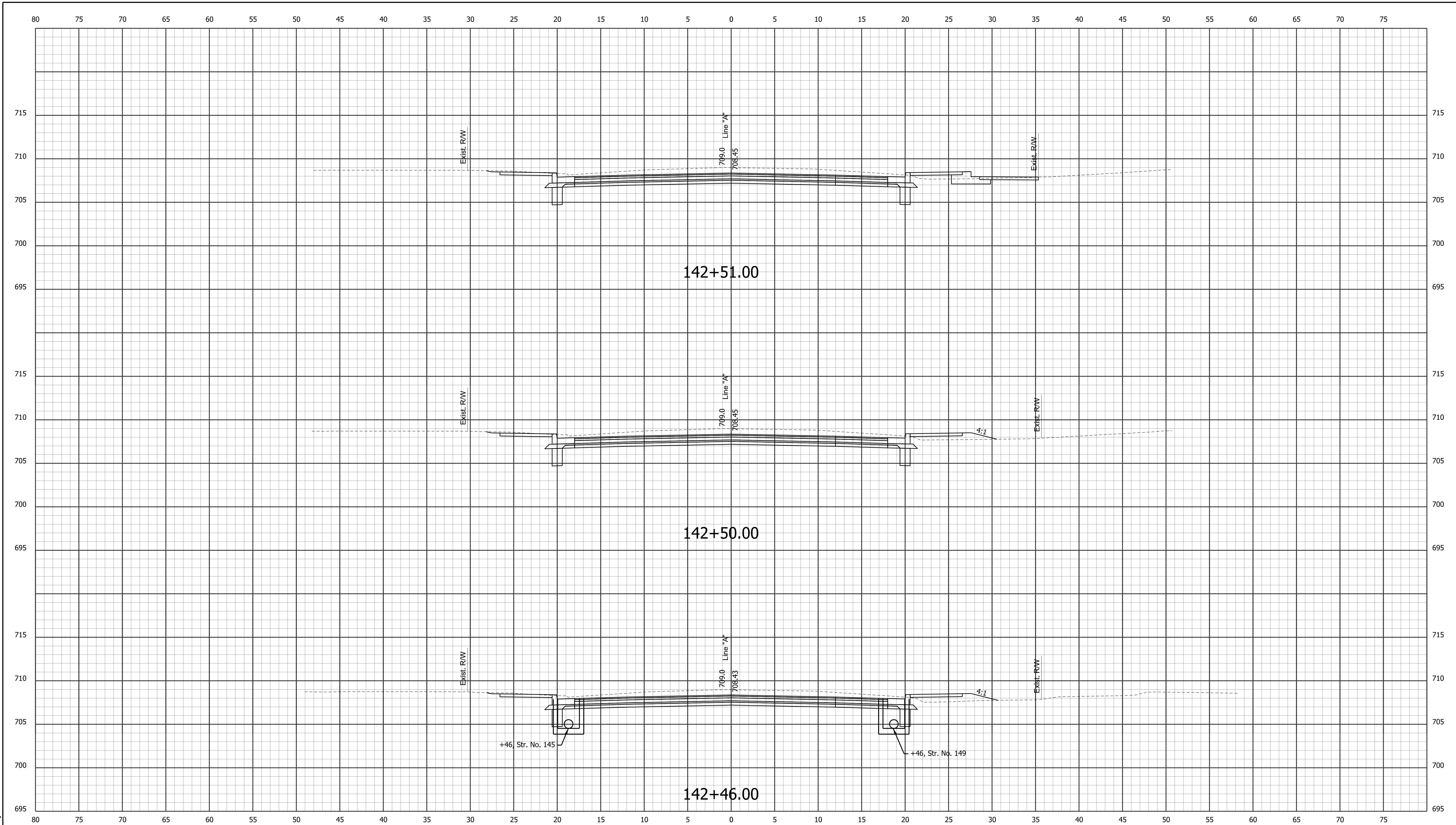
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: MJS	DRAWN: MJS				
CHECKED: JRA	CHECKED: JRA				

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 142+00.00 "A" TO 142+18.00"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK XS-60	DWG. NO. 102	SHEET NO. 102 of 141	
CONTRACT R-39890		PROJECT 1600294	



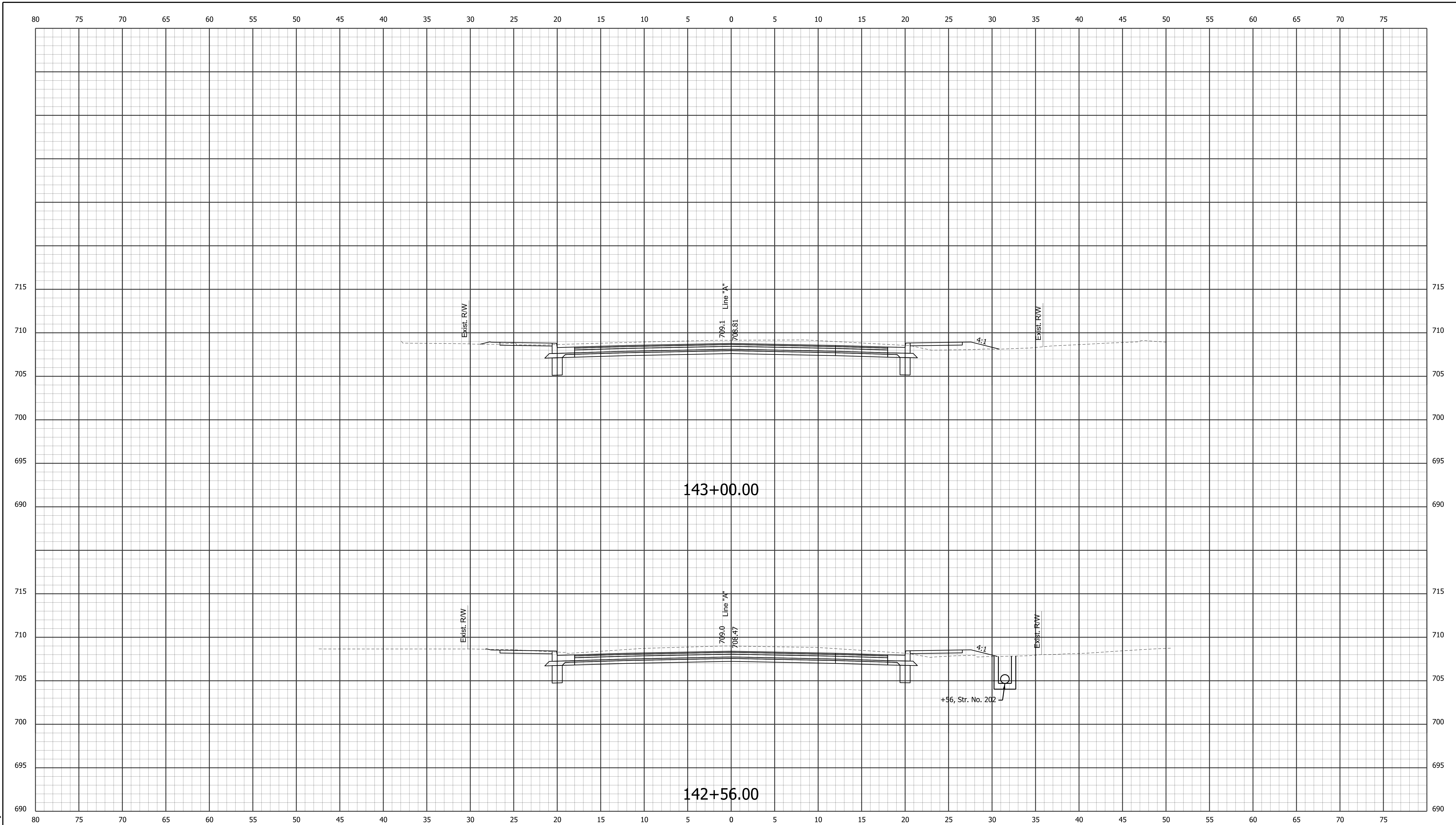
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 142+46.00 "A" TO 142+51.00"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-61	SHEET NO. 103 of 141
CONTRACT R-39890	PROJECT 1600294	



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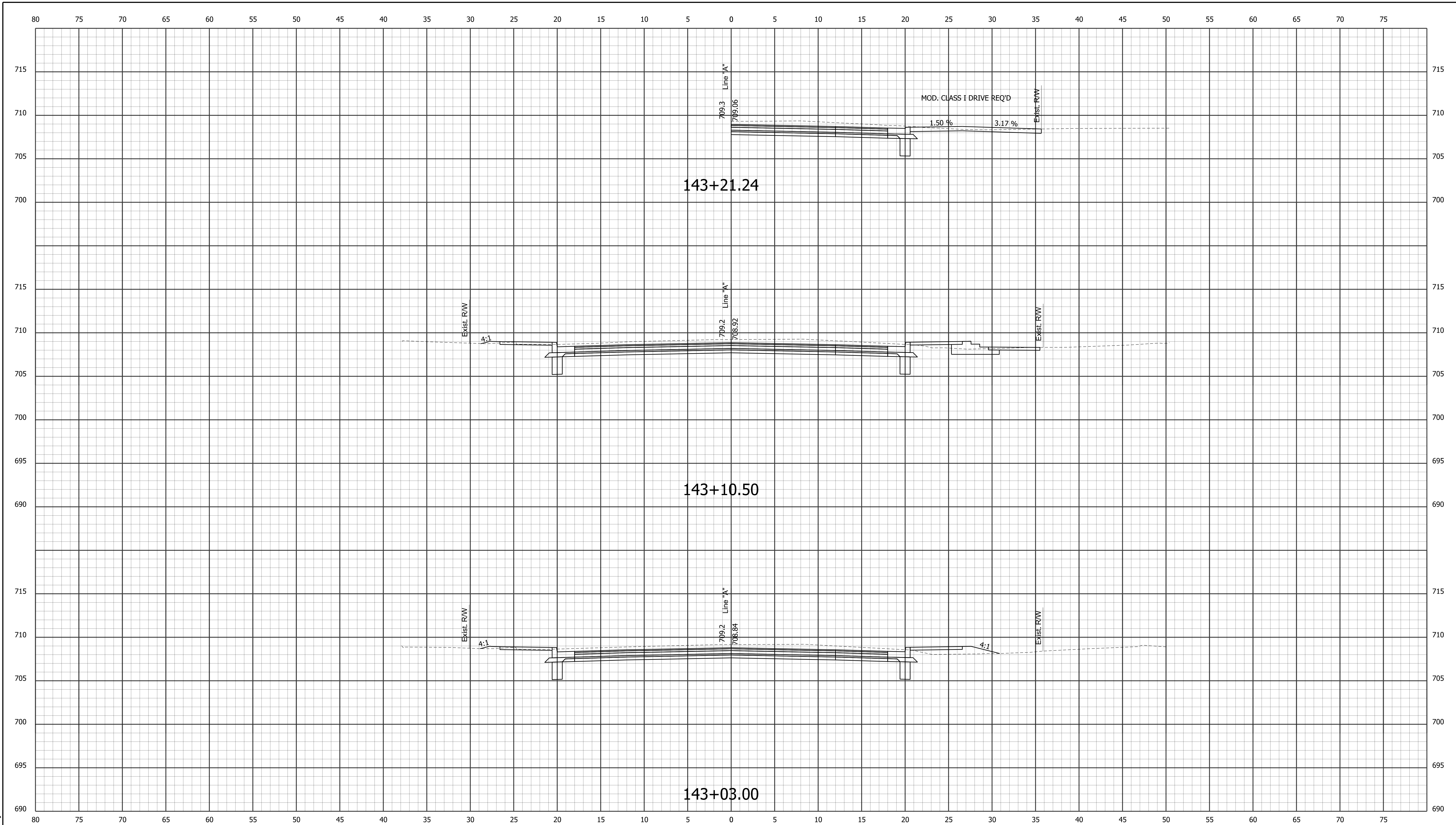
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DESIGNED: MJS	DRAWN: MJS				
CHECKED: JRA	CHECKED: JRA				

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 142+56.00 "A" TO 143+00.00"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-62	104 of 141	
CONTRACT R-39890	PROJECT 1600294		





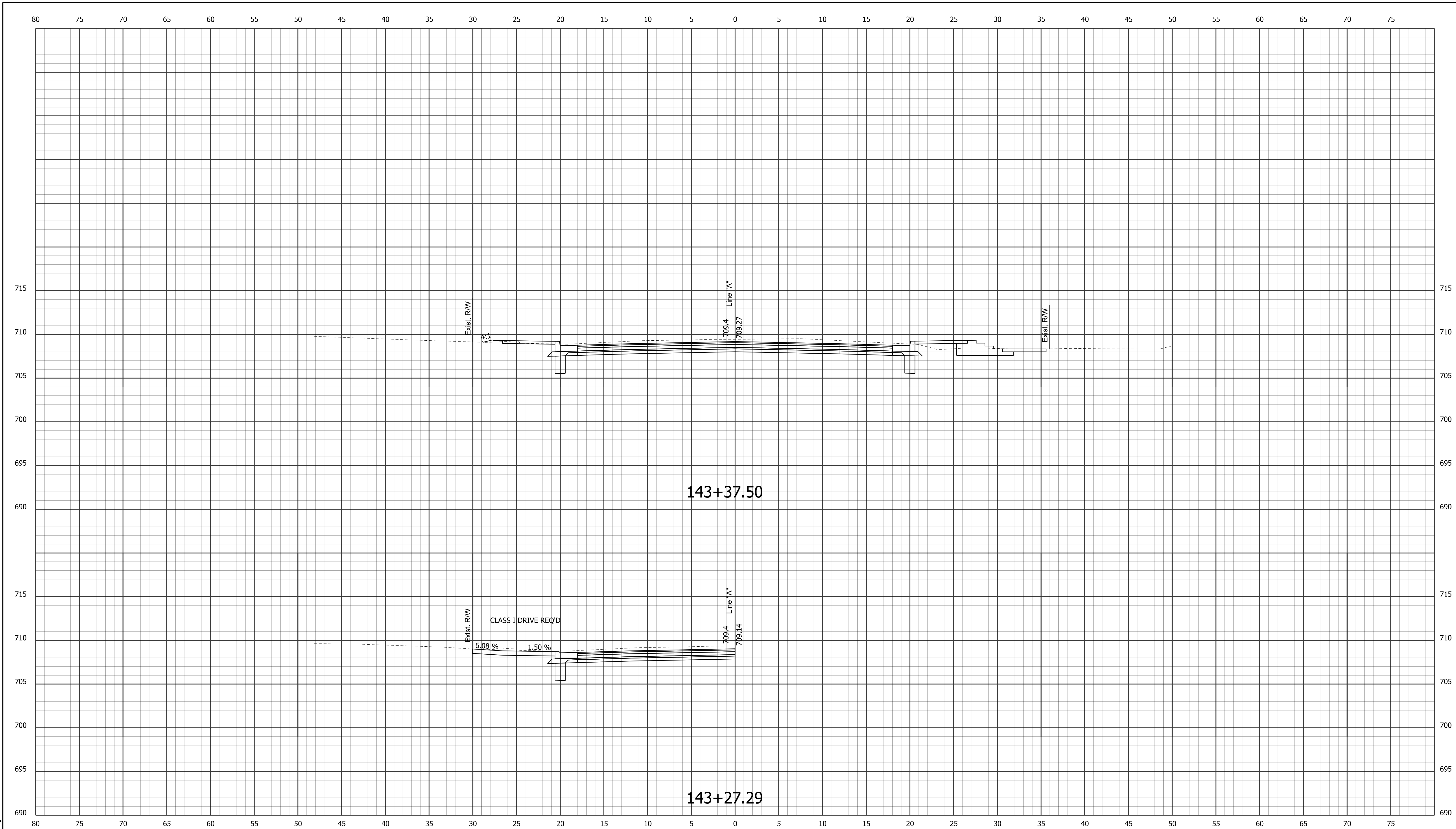
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 143+03.00 "A" TO 143+21.24"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-63	SHEET NO. 105 of 141
CONTRACT R-39890	PROJECT 1600294	



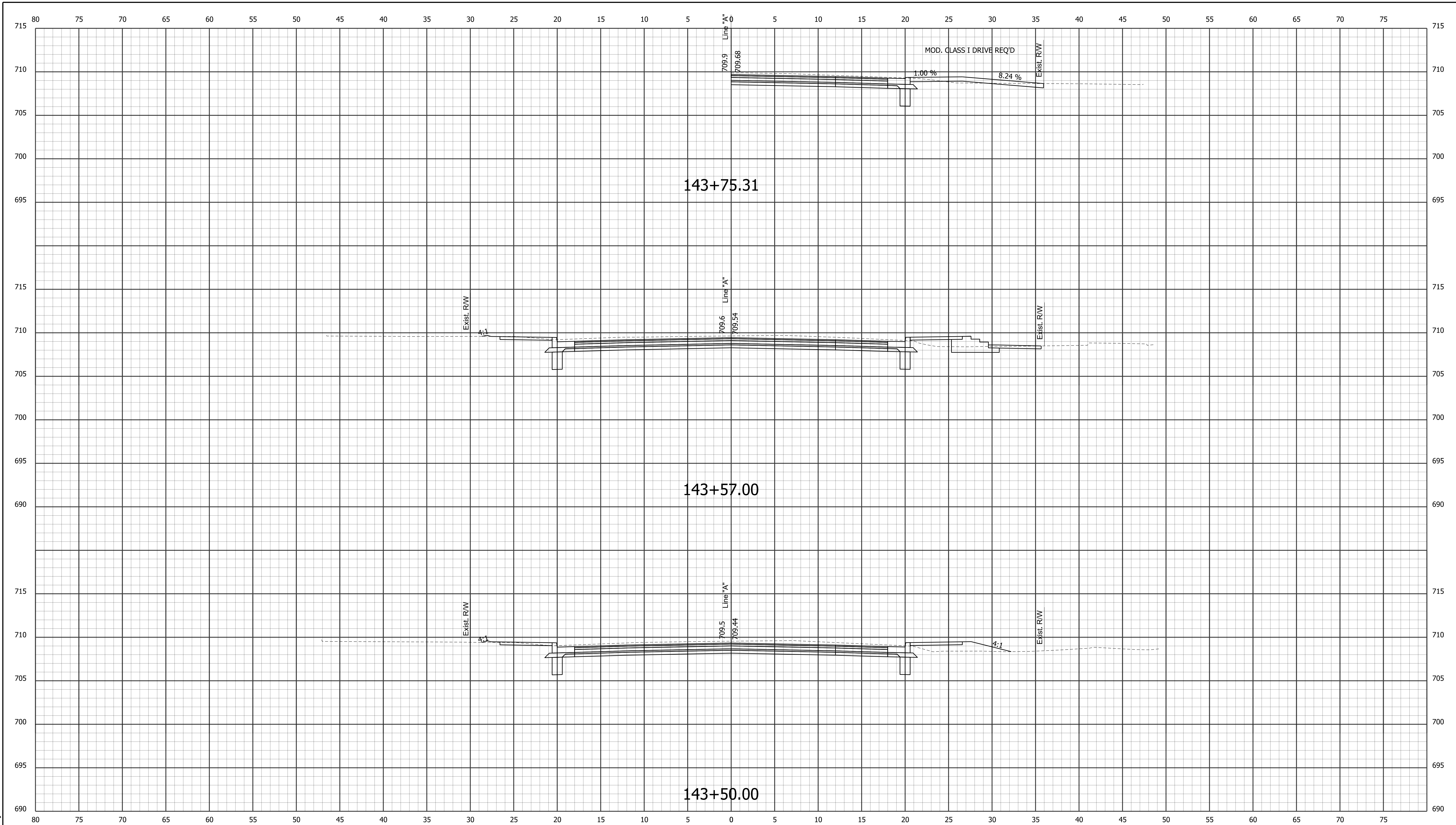
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

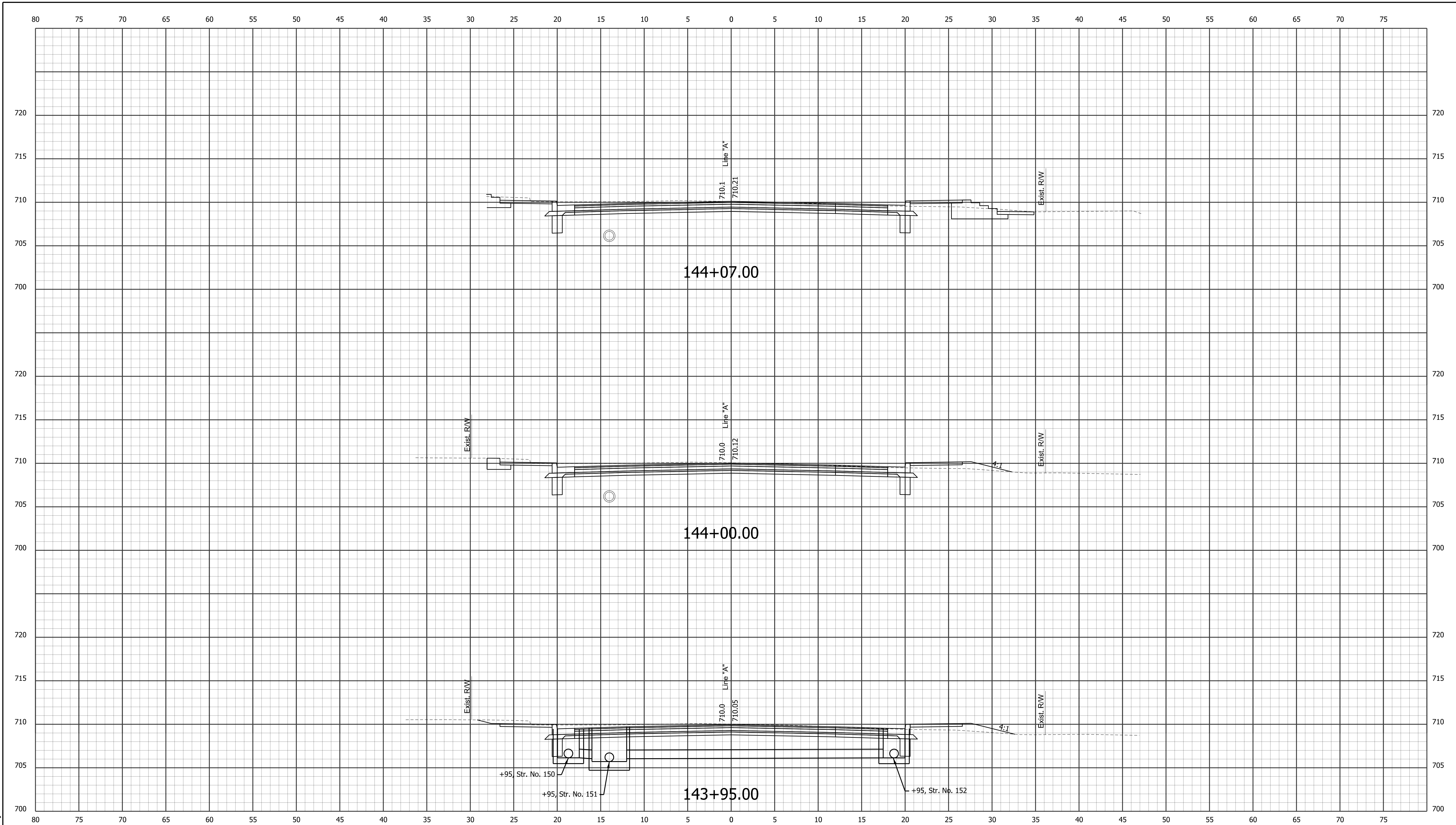
**CROSS SECTIONS**  
**STA. 143+27.29 "A" TO 143+37.50"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-64	SHEET NO. 106 of 141
CONTRACT R-39890	PROJECT 1600294	



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	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	<b>INDIANA</b> <b>DEPARTMENT OF TRANSPORTATION</b>  <b>CROSS SECTIONS</b> <b>STA. 143+50.00 "A" TO 143+75.31"A"</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: small;">HORIZONTAL SCALE</td> <td colspan="2" style="font-size: small;">BRIDGE FILE</td> </tr> <tr> <td style="font-size: x-small;">1" = 5'</td> <td colspan="2" style="font-size: x-small;">N/A</td> </tr> <tr> <td style="font-size: small;">VERTICAL SCALE</td> <td colspan="2" style="font-size: small;">DESIGNATION</td> </tr> <tr> <td style="font-size: x-small;">1" = 5'</td> <td colspan="2" style="font-size: x-small;">1600294</td> </tr> <tr> <td style="font-size: small;">SURVEY BOOK</td> <td style="font-size: small;">DWG. NO.</td> <td style="font-size: small;">SHEET NO.</td> </tr> <tr> <td style="font-size: x-small;">XS-65</td> <td style="font-size: x-small;">107</td> <td style="font-size: x-small;">of 141</td> </tr> <tr> <td style="font-size: small;">CONTRACT</td> <td colspan="2" style="font-size: small;">PROJECT</td> </tr> <tr> <td style="font-size: x-small;">R-39890</td> <td colspan="2" style="font-size: x-small;">1600294</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE		1" = 5'	N/A		VERTICAL SCALE	DESIGNATION		1" = 5'	1600294		SURVEY BOOK	DWG. NO.	SHEET NO.	XS-65	107	of 141	CONTRACT	PROJECT		R-39890	1600294	
HORIZONTAL SCALE	BRIDGE FILE																										
1" = 5'	N/A																										
VERTICAL SCALE	DESIGNATION																										
1" = 5'	1600294																										
SURVEY BOOK	DWG. NO.	SHEET NO.																									
XS-65	107	of 141																									
CONTRACT	PROJECT																										
R-39890	1600294																										
DESIGNED: MJS	DRAWN: MJS																										
CHECKED: JRA	CHECKED: JRA																										



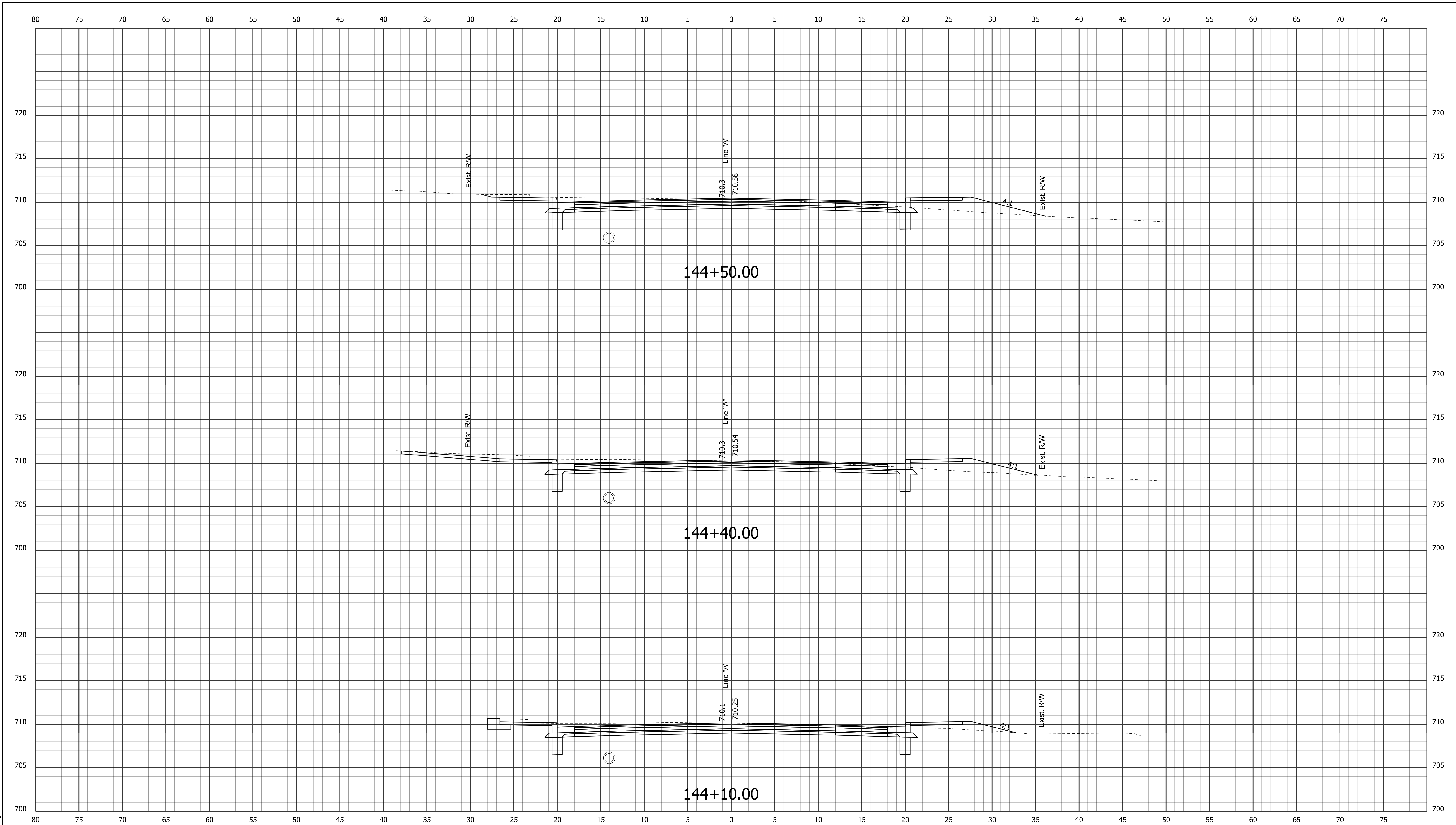
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RECOMMENDED FOR APPROVAL _____	
DESIGNED: MJS	DRAWN: MJS
CHECKED: JRA	CHECKED: JRA

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 143+95.00 "A" TO 144+07.00"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-66	SHEET NO. 108 of 141
CONTRACT R-39890	PROJECT 1600294	



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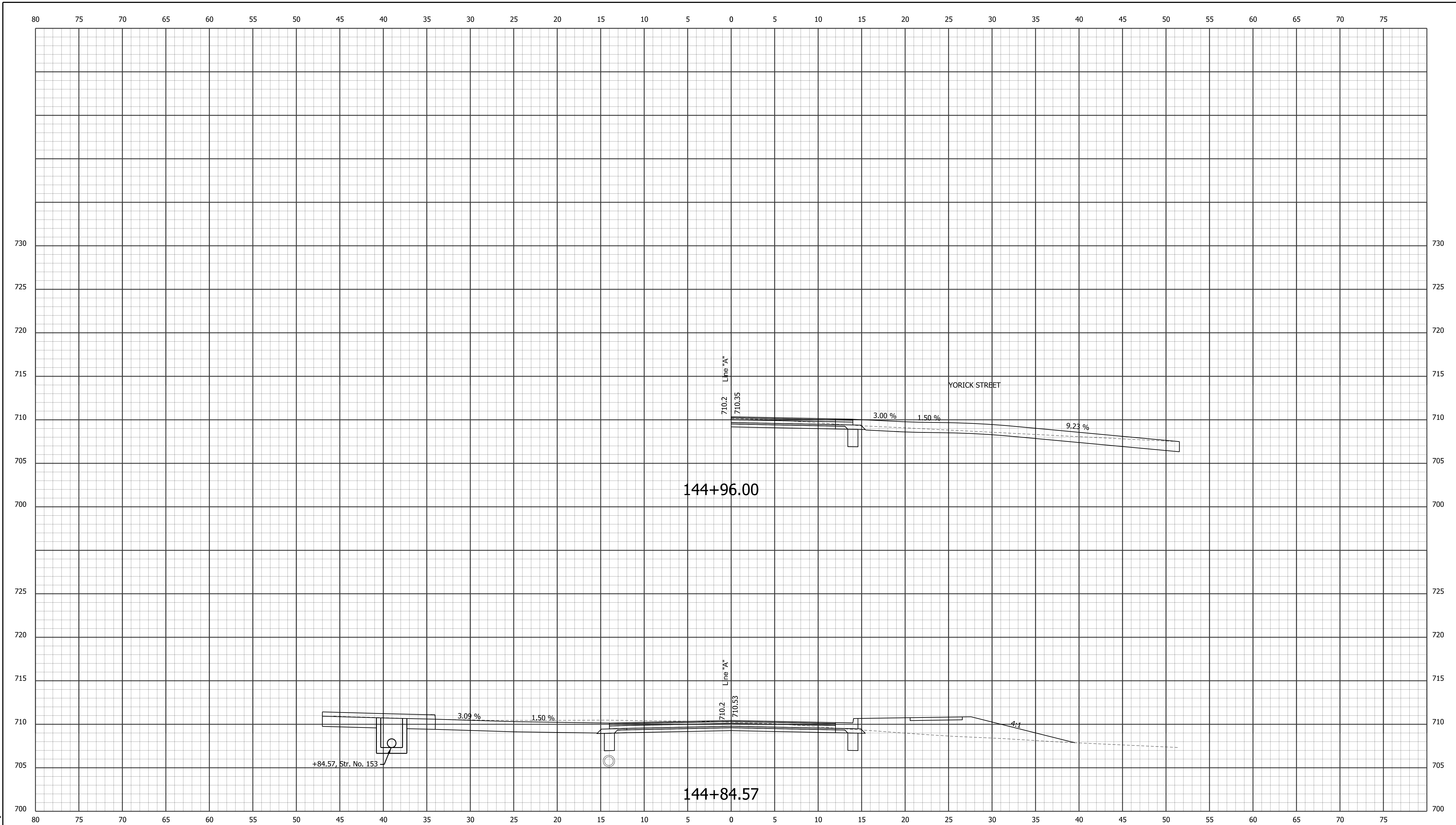
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 144+10.00 "A" TO 144+50.00"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-67	SHEET NO. 109 of 141	
CONTRACT R-39890	PROJECT 1600294		



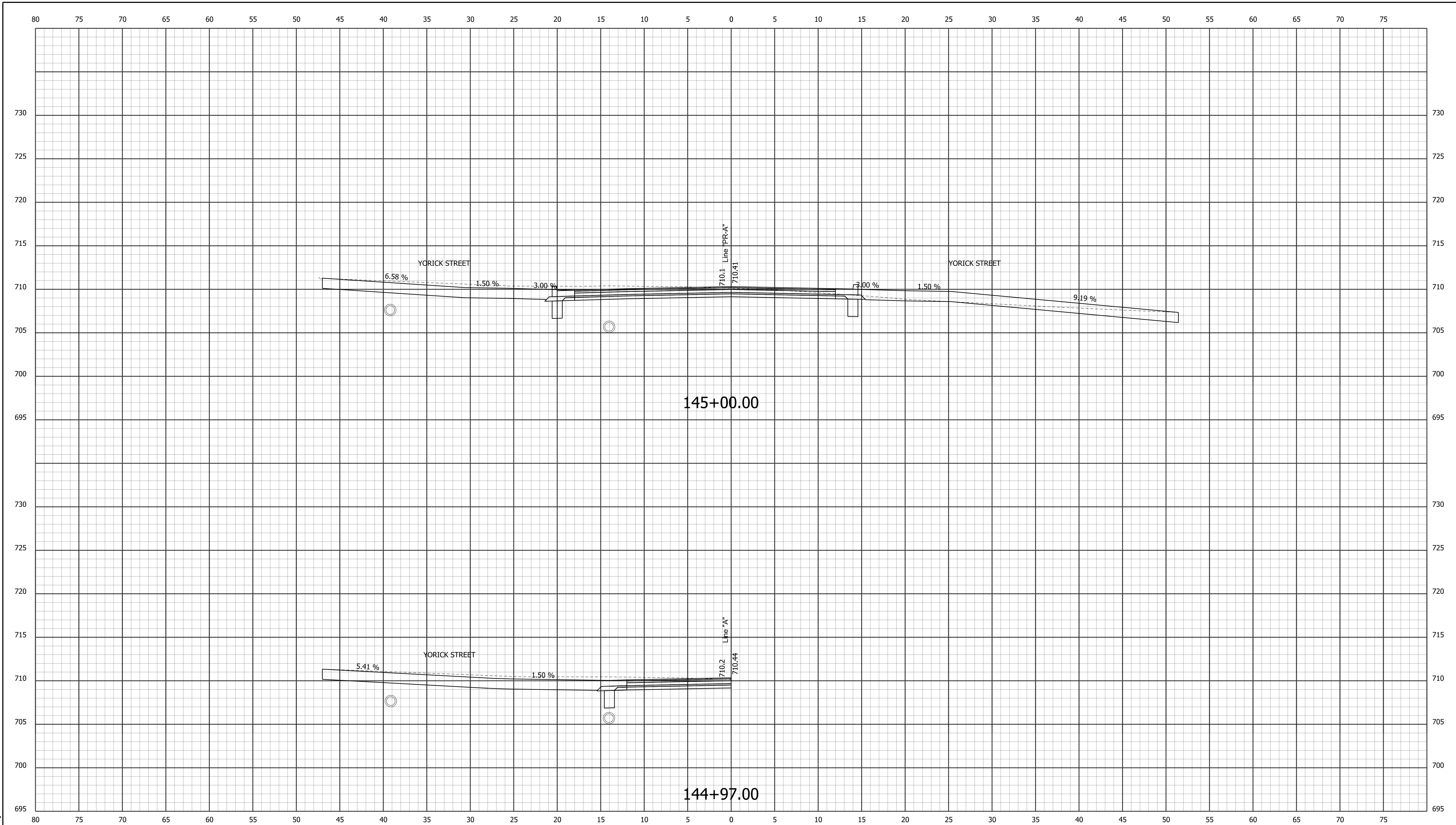
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 144+84.57 "A" TO 144+96.00"PR-A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-68	110 of 141	
CONTRACT R-39890	PROJECT	1600294	



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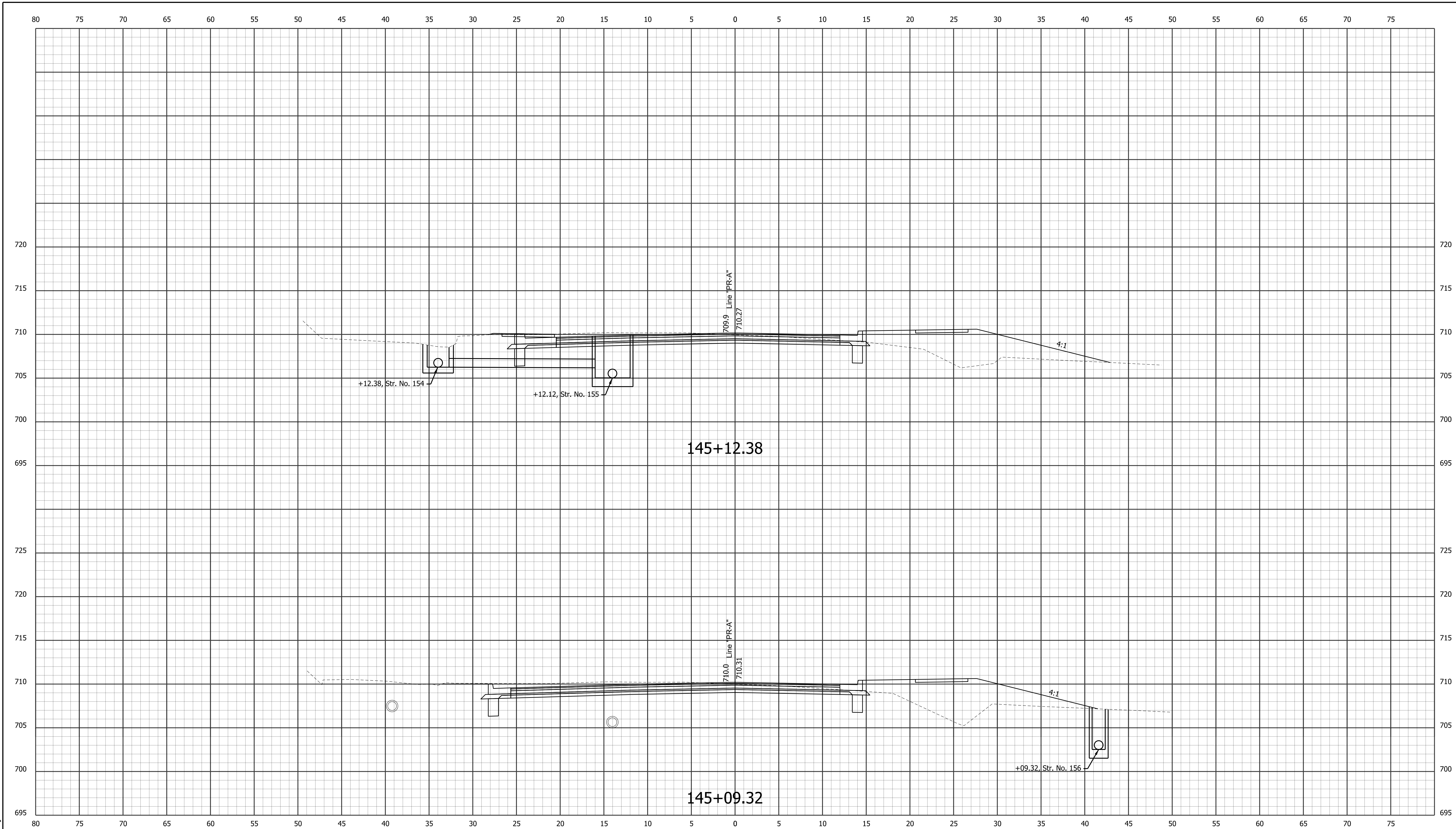
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: MJS	DRAWN: MJS				
CHECKED: JRA	CHECKED: JRA				

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 144+97.00 "PR-A" TO 145+00.00"PR-A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK XS-69	DWG. NO. 111	SHEET NO. of 141	
CONTRACT R-39890	PROJECT 1600294		



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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
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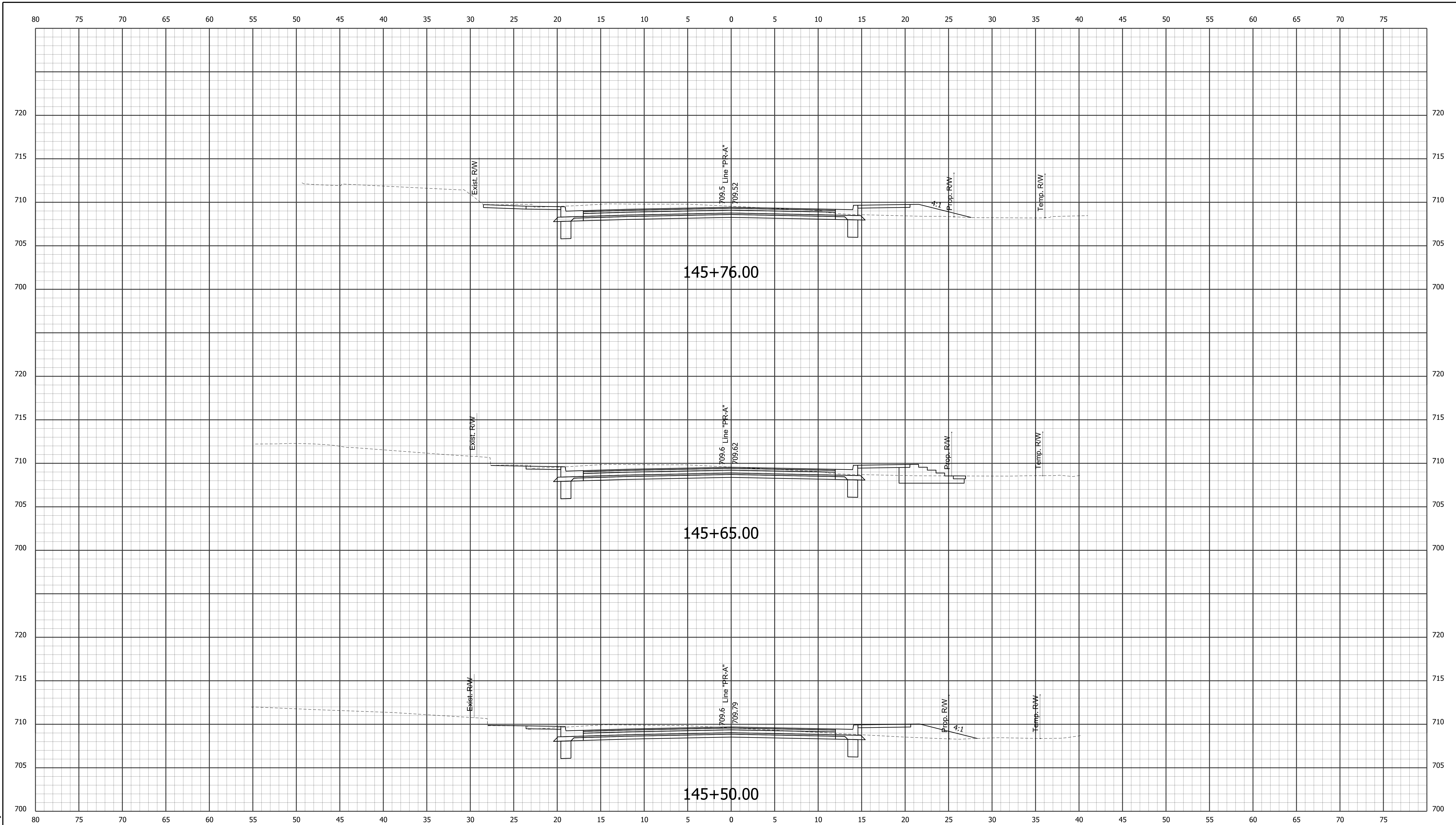
**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 145+09.32 "PR-A" TO 145+12.38"PR-A"**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 5'	N/A	
VERTICAL SCALE	DESIGNATION	
1" = 5'	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-70	112 of 141
CONTRACT	PROJECT	
R-39890	1600294	





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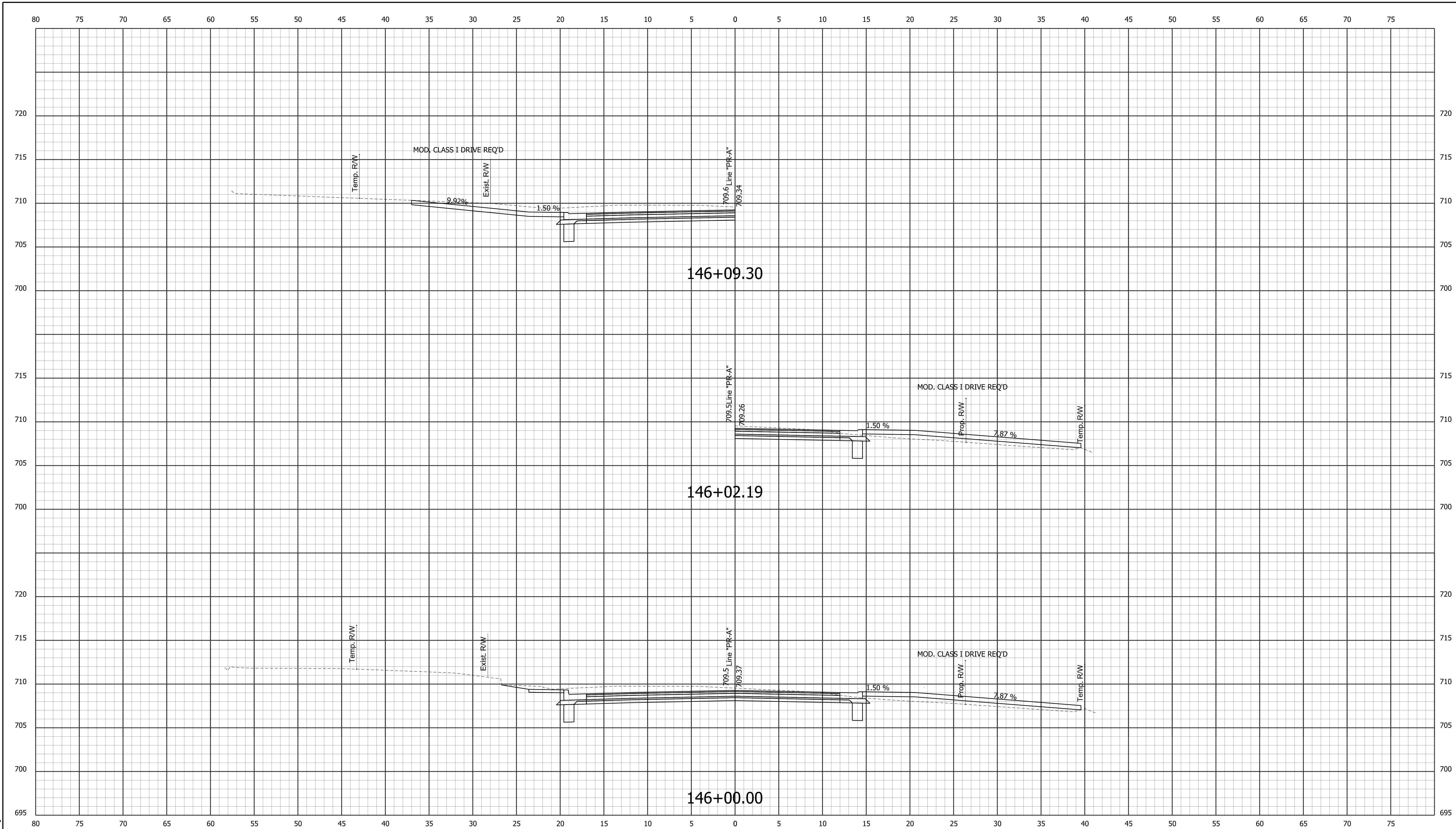
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DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 145+50.00 "PR-A" TO 145+76.00"PR-A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-71	SHEET NO. 113 of 141	
CONTRACT R-39890	PROJECT 1600294		



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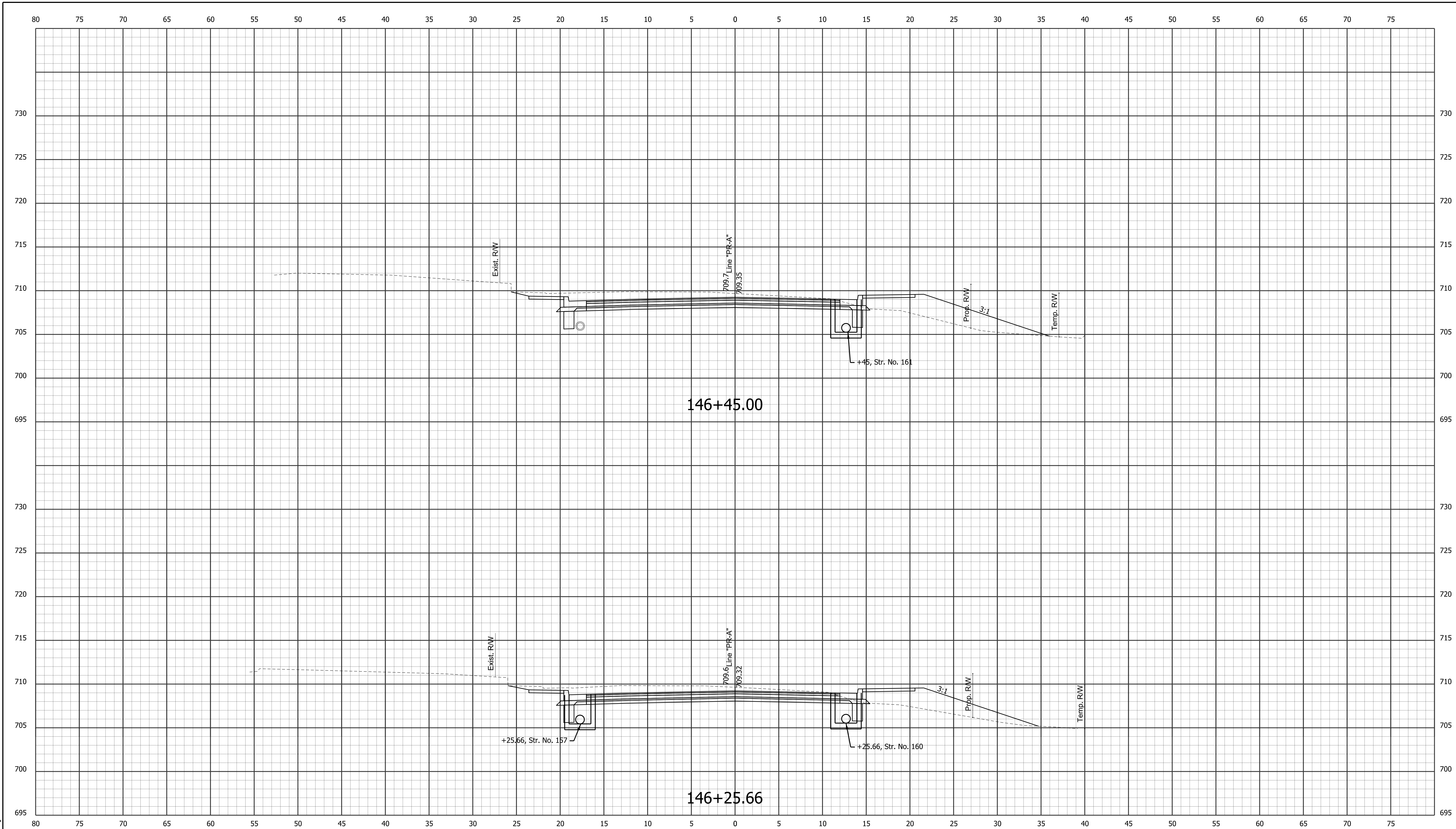
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
DEPARTMENT OF TRANSPORTATION

**CROSS SECTIONS**

STA. 146+00.00 "PR-A" TO 146+09.30"PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-72	SHEET NO. 114 of 141
CONTRACT R-39890	PROJECT 1600294	



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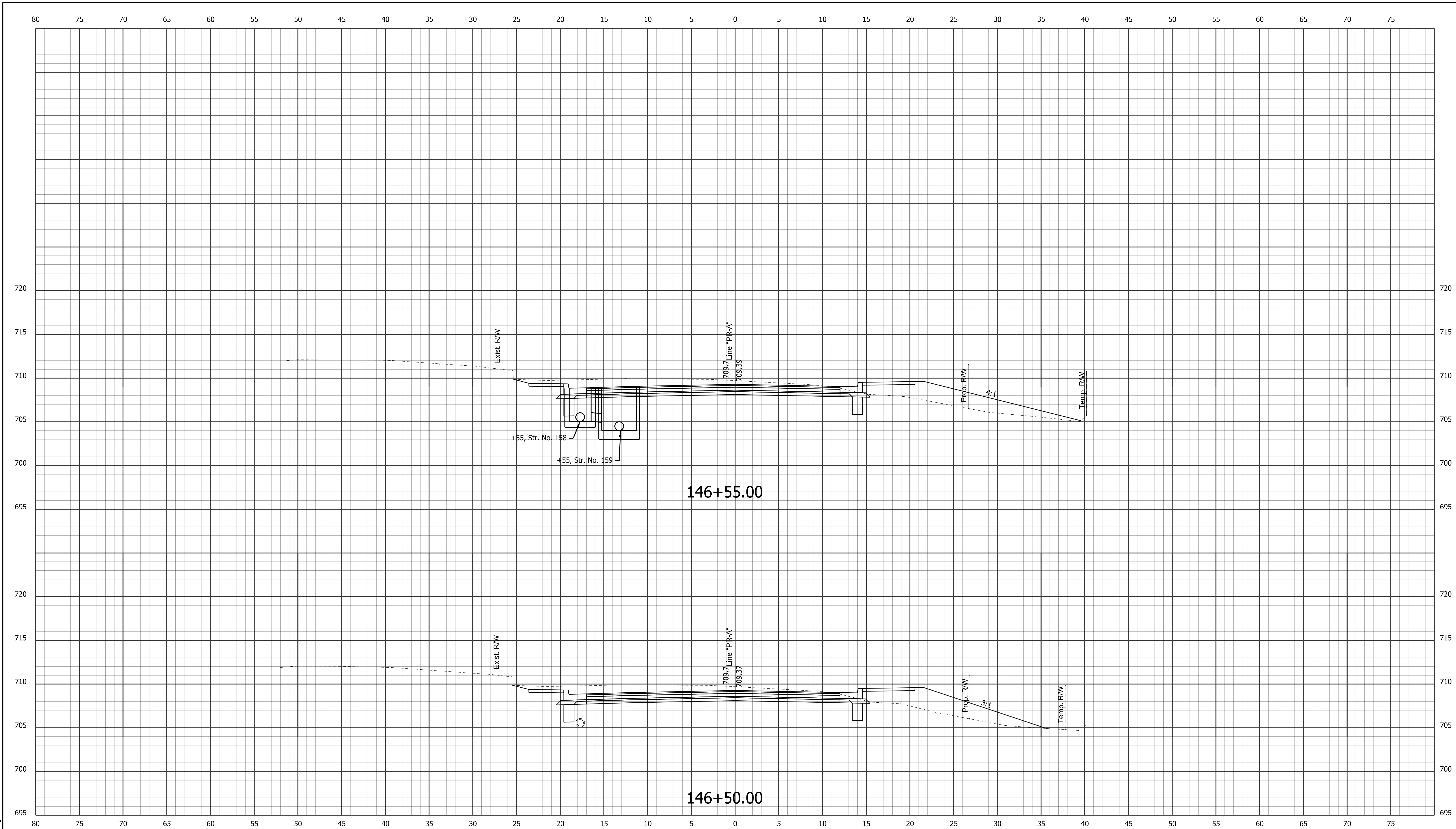
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 146+25.66 "PR-A" TO 146+45.00"PR-A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK XS-73	DWG. NO. 115	SHEET NO. of 141
CONTRACT R-39890	PROJECT 1600294	



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146+55.00

146+50.00

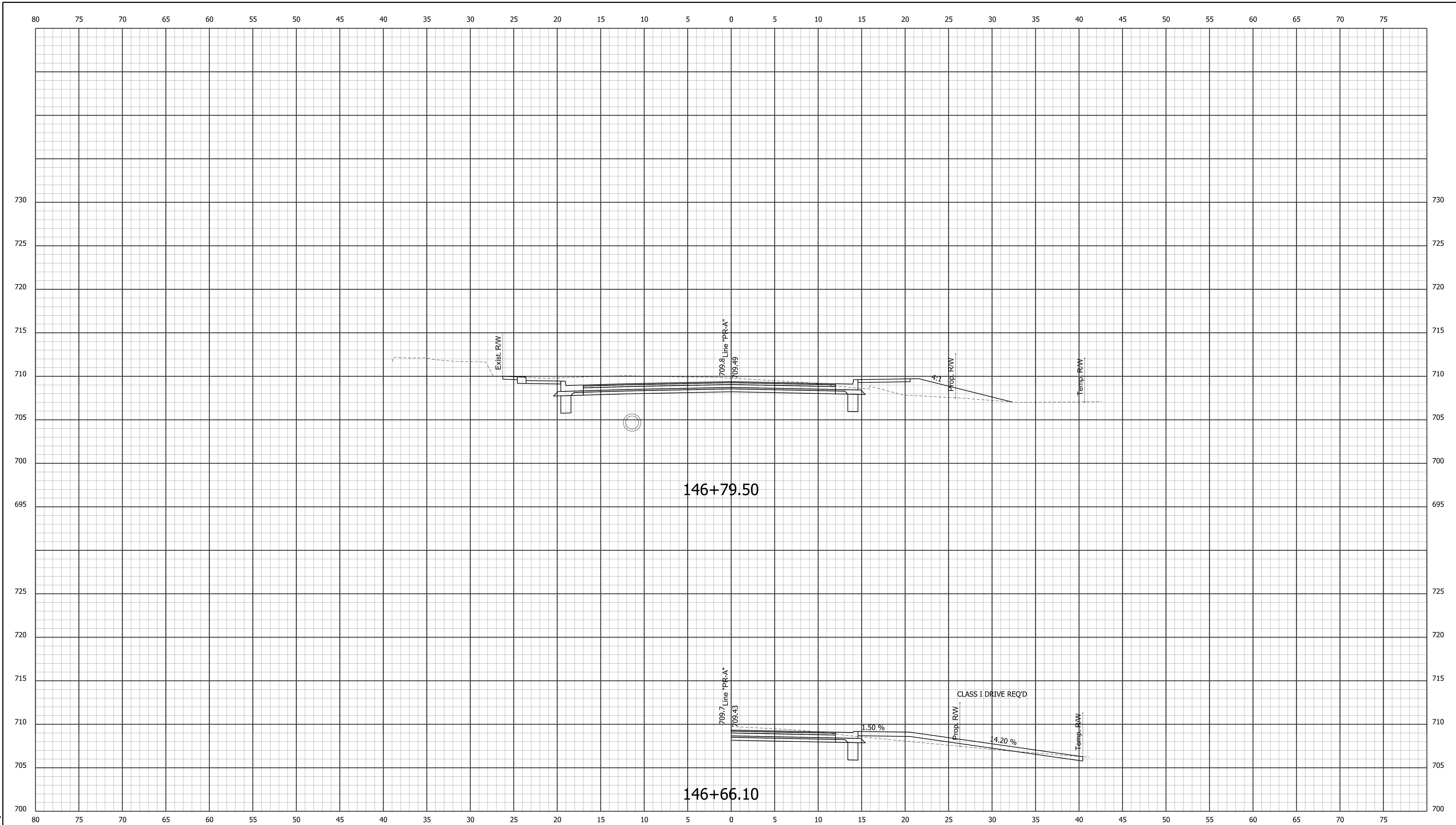
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 146+50.00 "PR-A" TO 146+55.00"PR-A"**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 5'	N/A	
VERTICAL SCALE	DESIGNATION	
1" = 5'	1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-74	116 of 141
CONTRACT	PROJECT	
R-39890	1600294	



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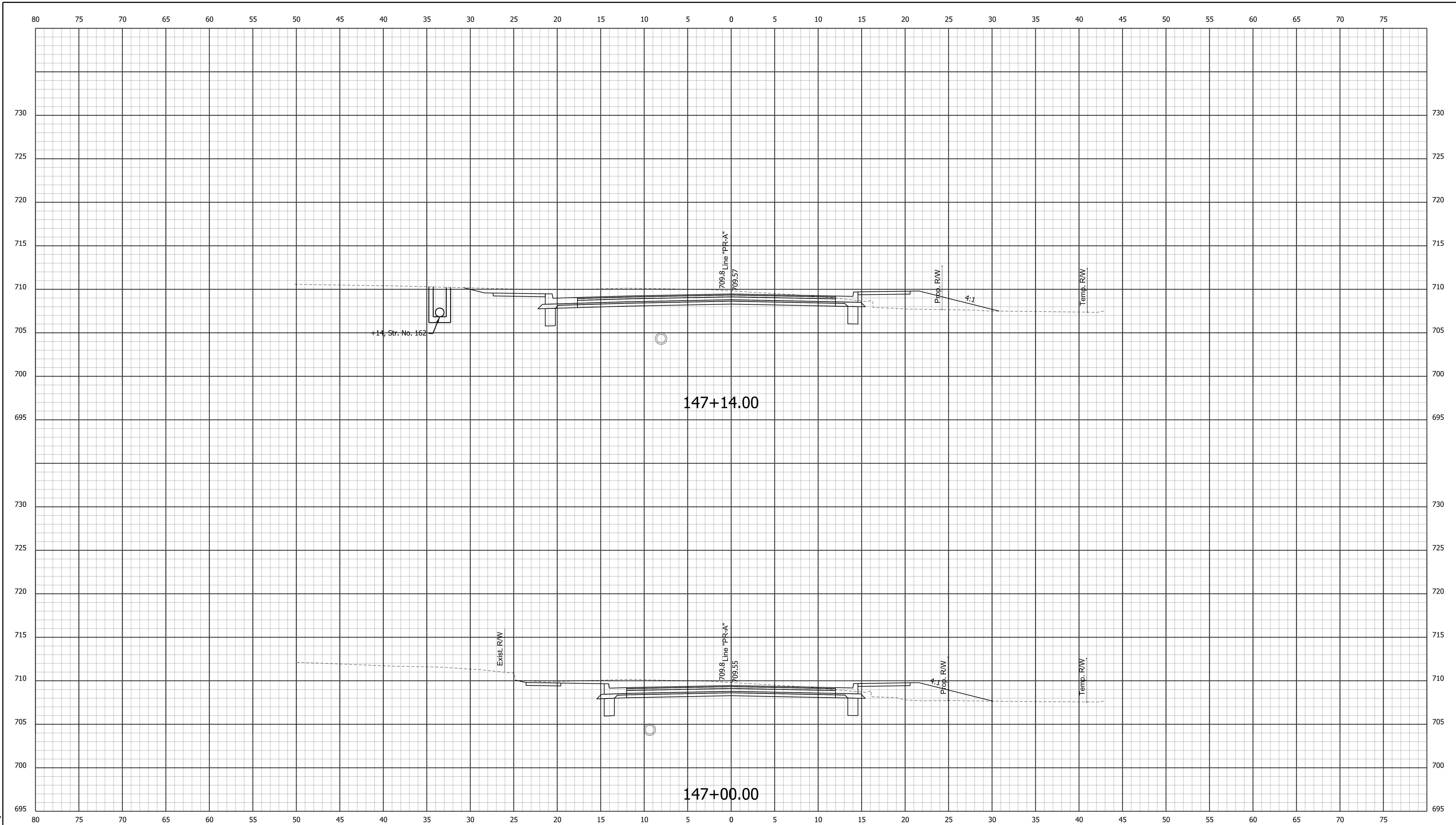
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 146+66.10 "PR-A" TO 146+79.50"PR-A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK XS-75	DWG. NO. 117	SHEET NO. of 141
CONTRACT R-39890	PROJECT 1600294	



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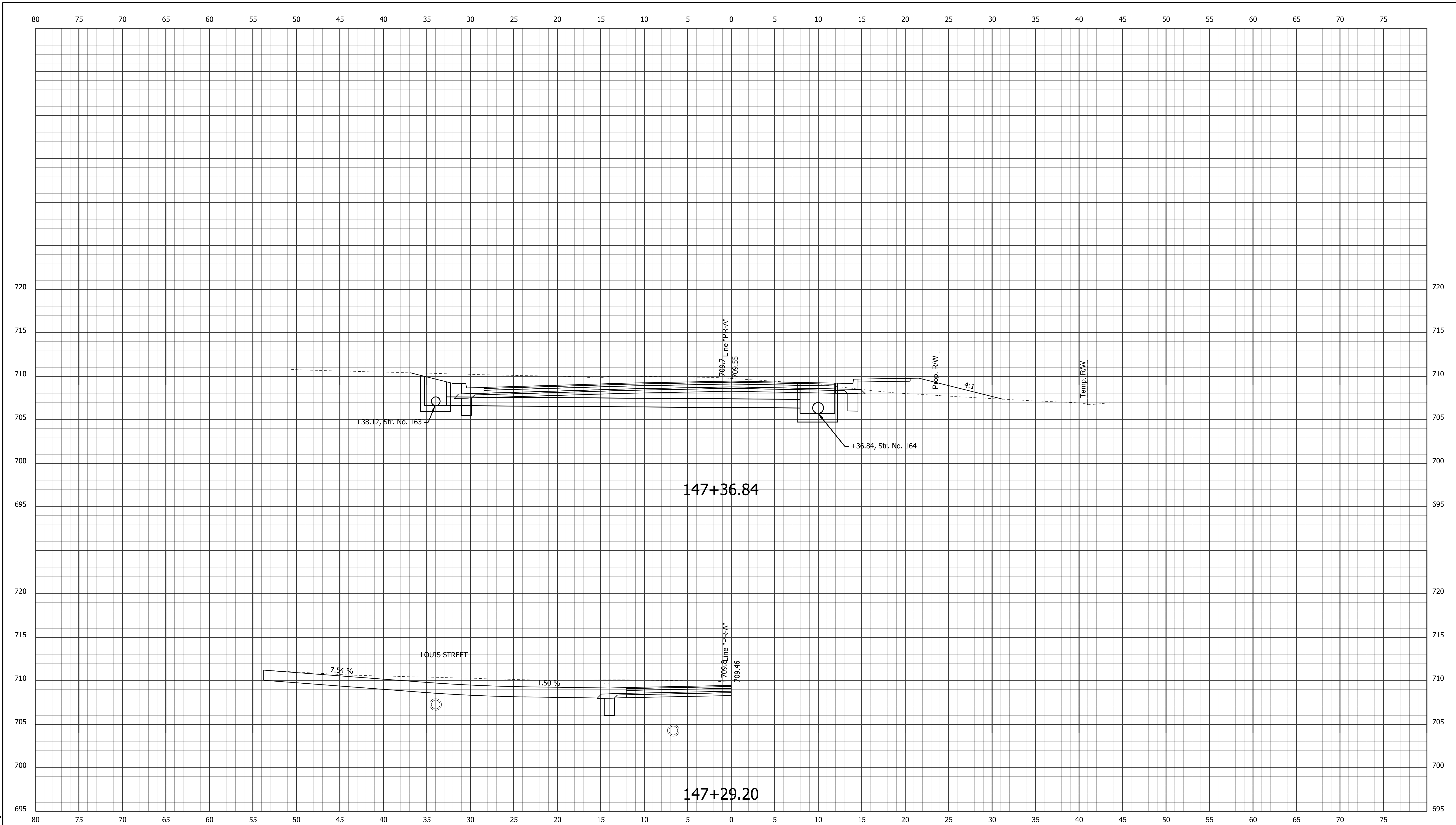
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 147+00.00 "PR-A" TO 147+14.00"PR-A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-76	SHEET NO. 118 of 141
CONTRACT R-39890	PROJECT 1600294	



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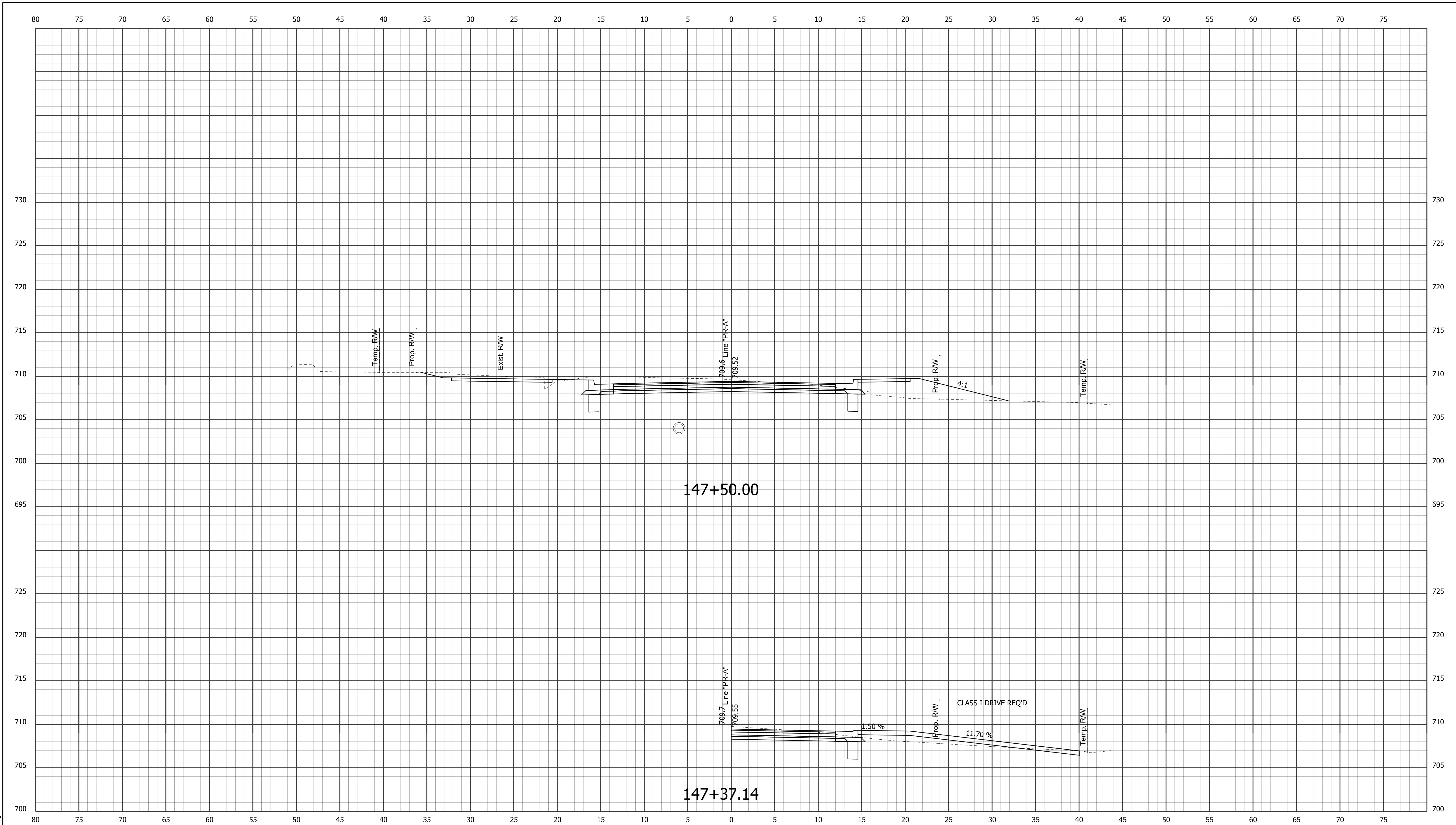
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
DEPARTMENT OF TRANSPORTATION

**CROSS SECTIONS**

**STA. 147+29.20 "PR-A" TO 147+36.84"PR-A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-77	SHEET NO. 119 of 141
CONTRACT R-39890	PROJECT 1600294	



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RECOMMENDED FOR APPROVAL _____	
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CHECKED: JRA	CHECKED: JRA

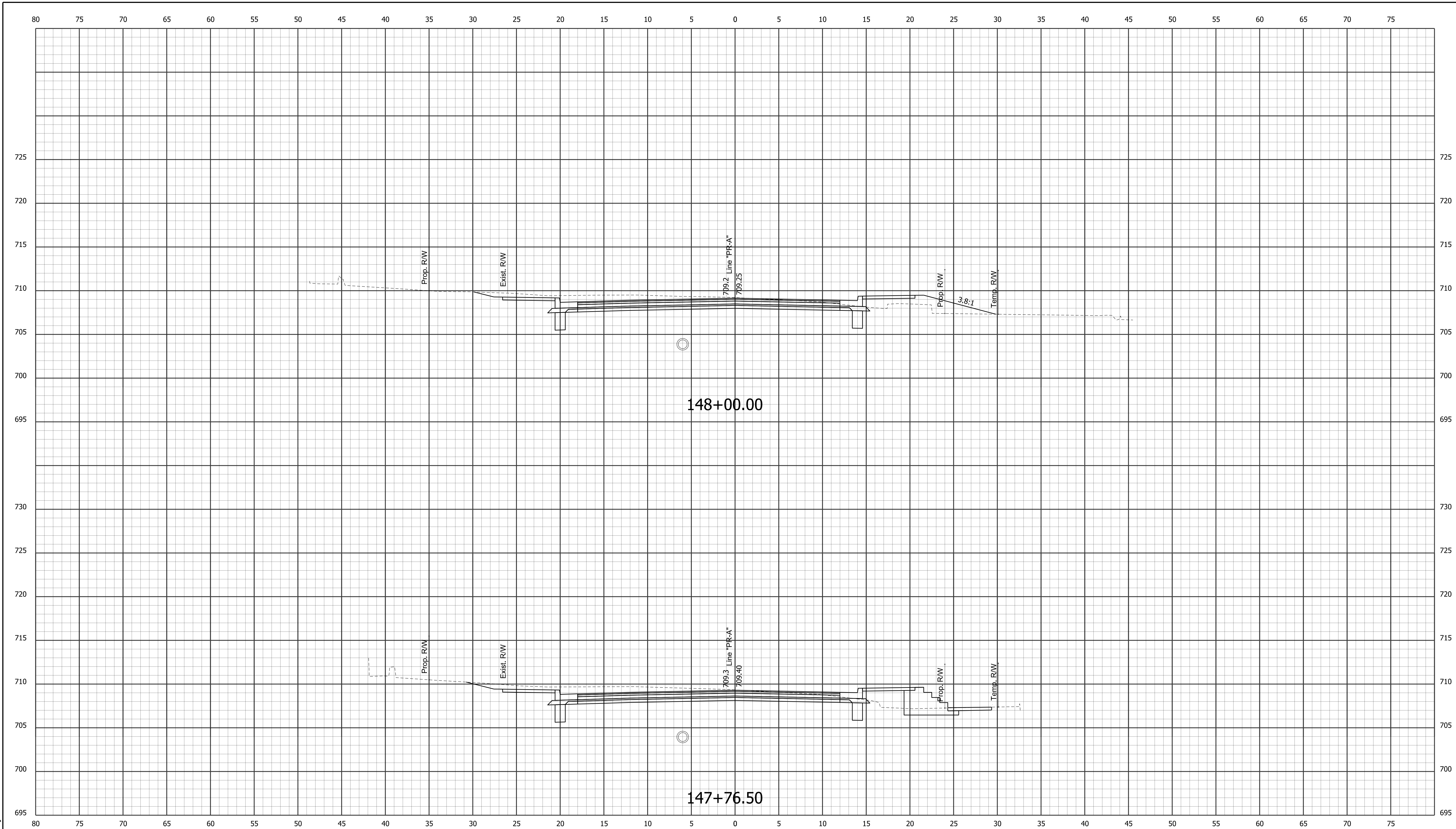
**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 147+37.14 "PR-A" TO 147+50.00"PR-A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-78	SHEET NO. 120 of 141
CONTRACT R-39890	PROJECT 1600294	





148+00.00

147+76.50

Prop. RW

Exist. RW

709.2 Line "PR-A"  
709.25

Prop. RW

Temp. RW

3.8:1

Prop. RW

Exist. RW

709.3 Line "PR-A"  
709.40

Prop. RW

Temp. RW

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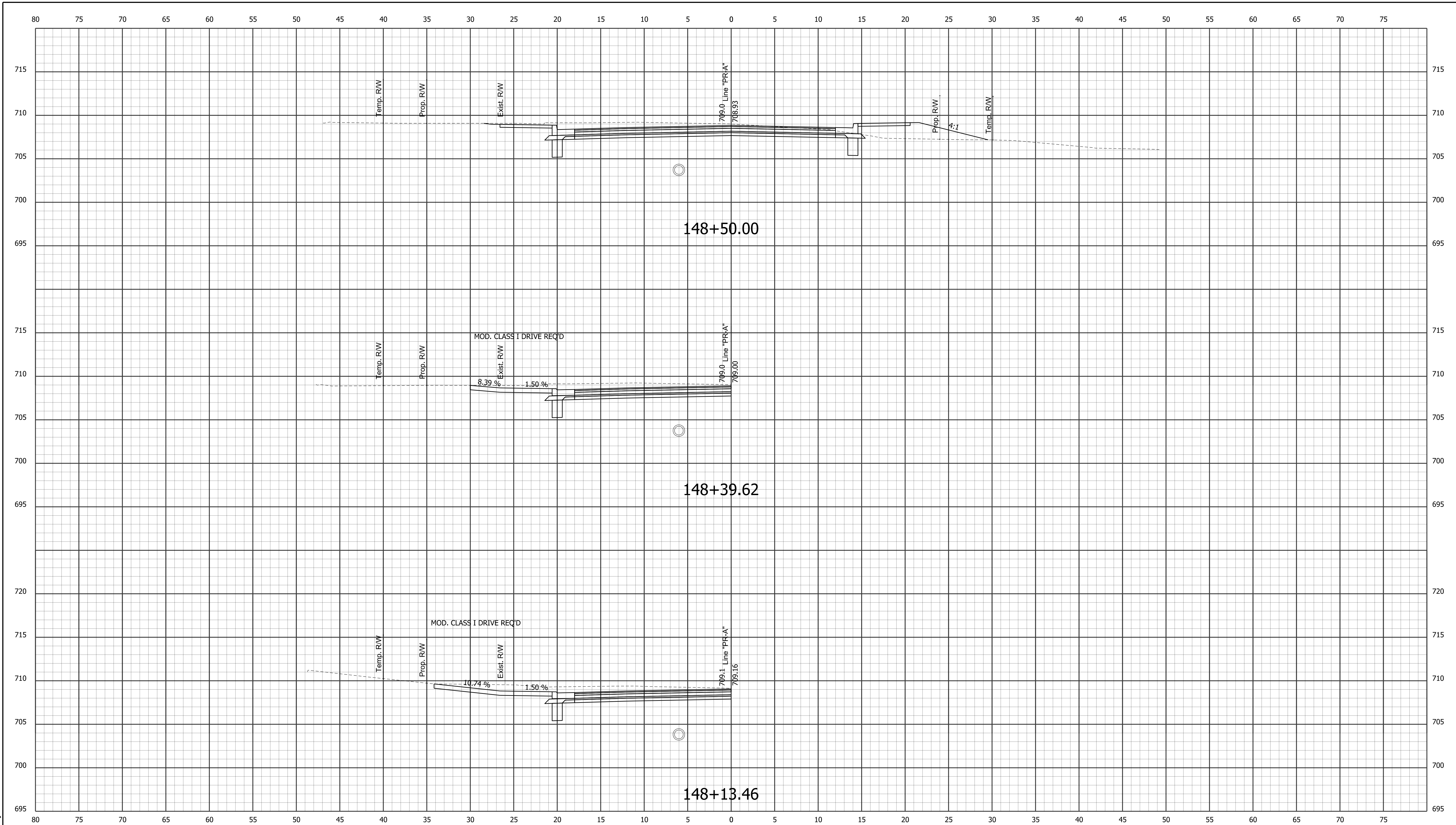
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 147+76.50 "PR-A" TO 148+00.00"PR-A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK XS-79	DWG. NO. 121	SHEET NO. of 141	
CONTRACT R-39890		PROJECT 1600294	



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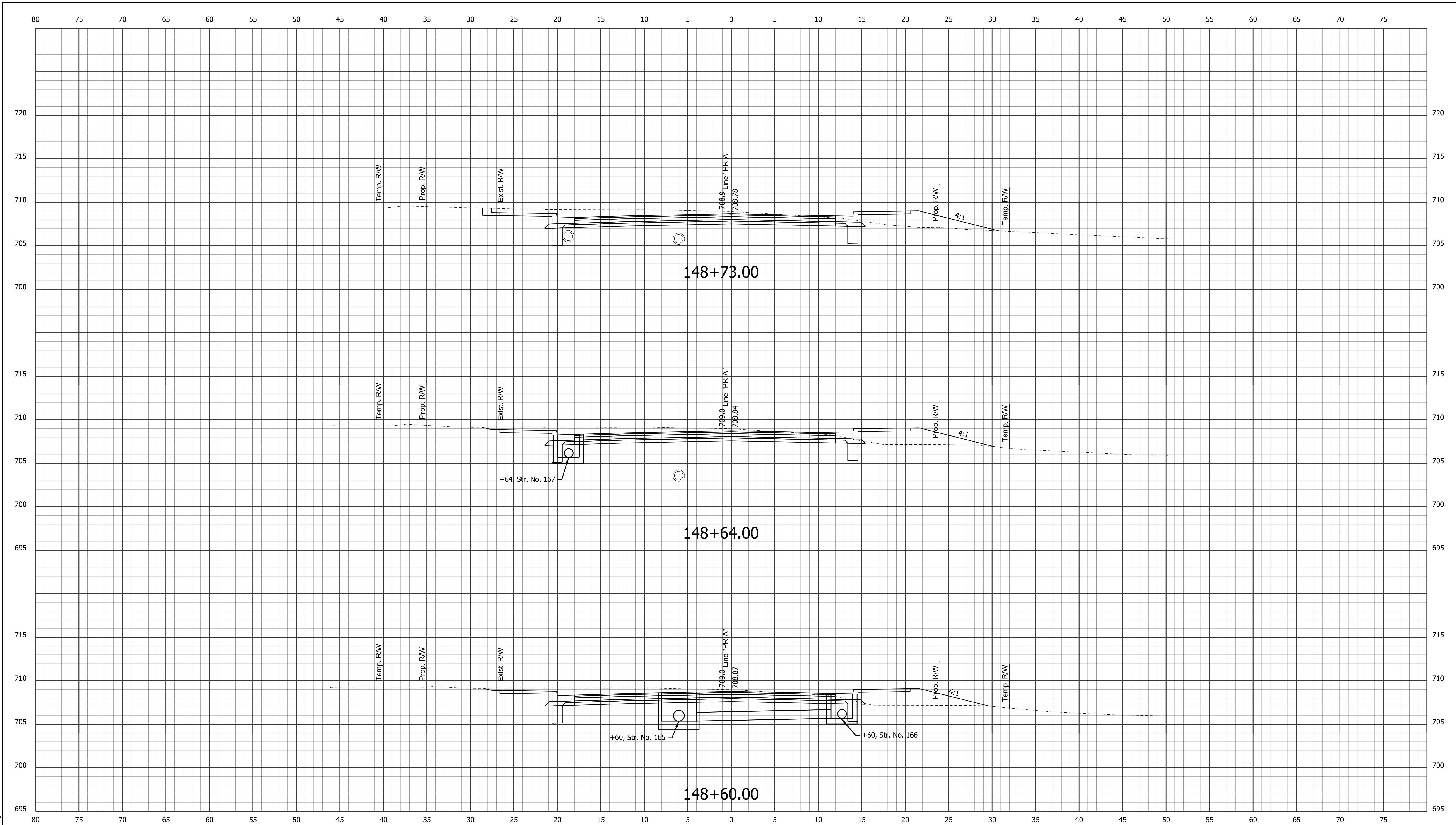
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
DEPARTMENT OF TRANSPORTATION

**CROSS SECTIONS**

STA. 148+13.46 "PR-A" TO 148+50.00"PR-A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-80	SHEET NO. 122 of 141
CONTRACT R-39890	PROJECT 1600294	



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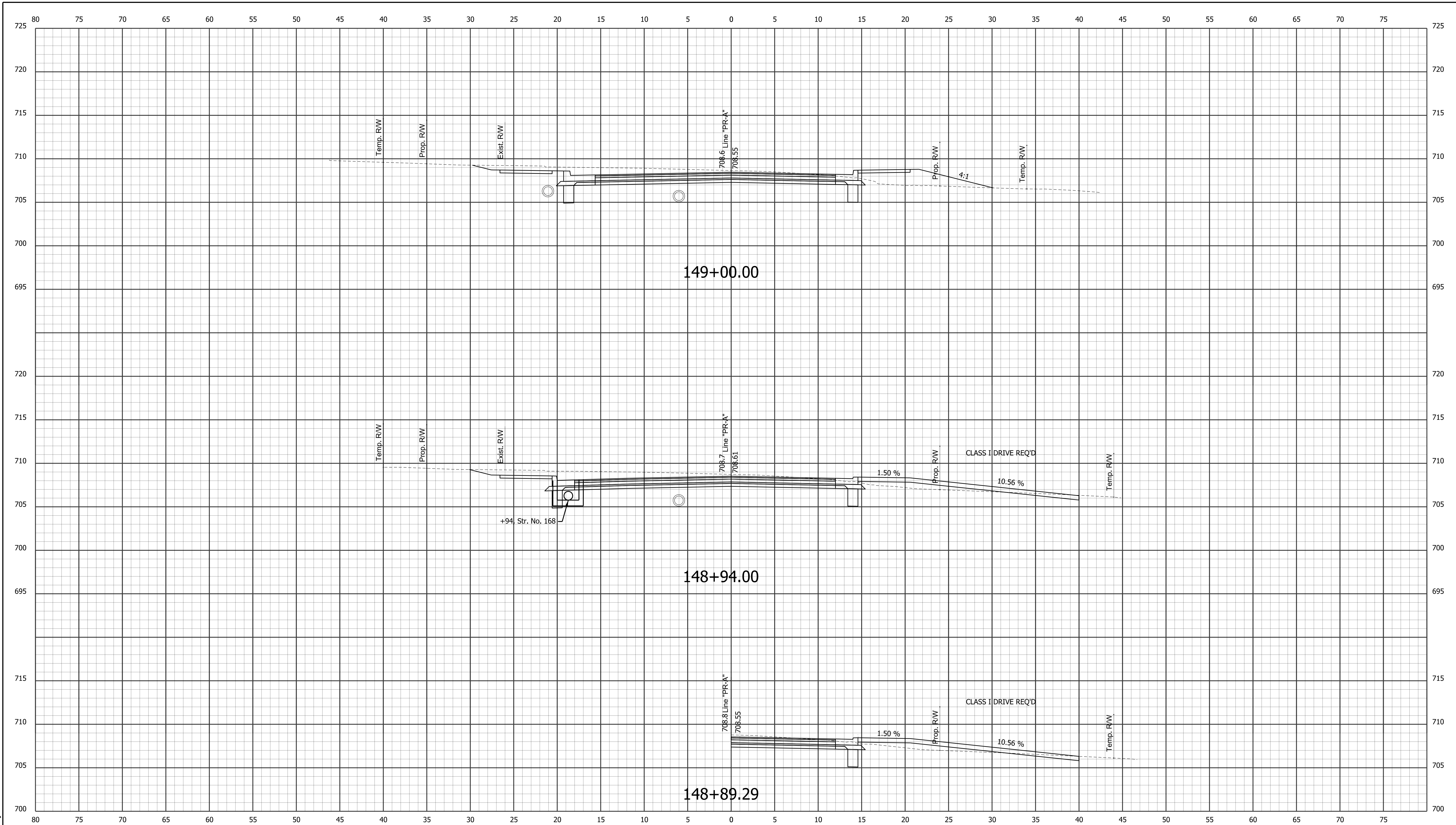
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 148+60.00 "PR-A" TO 148+73.00"PR-A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-81	123 of 141	
CONTRACT R-39890	PROJECT 1600294		



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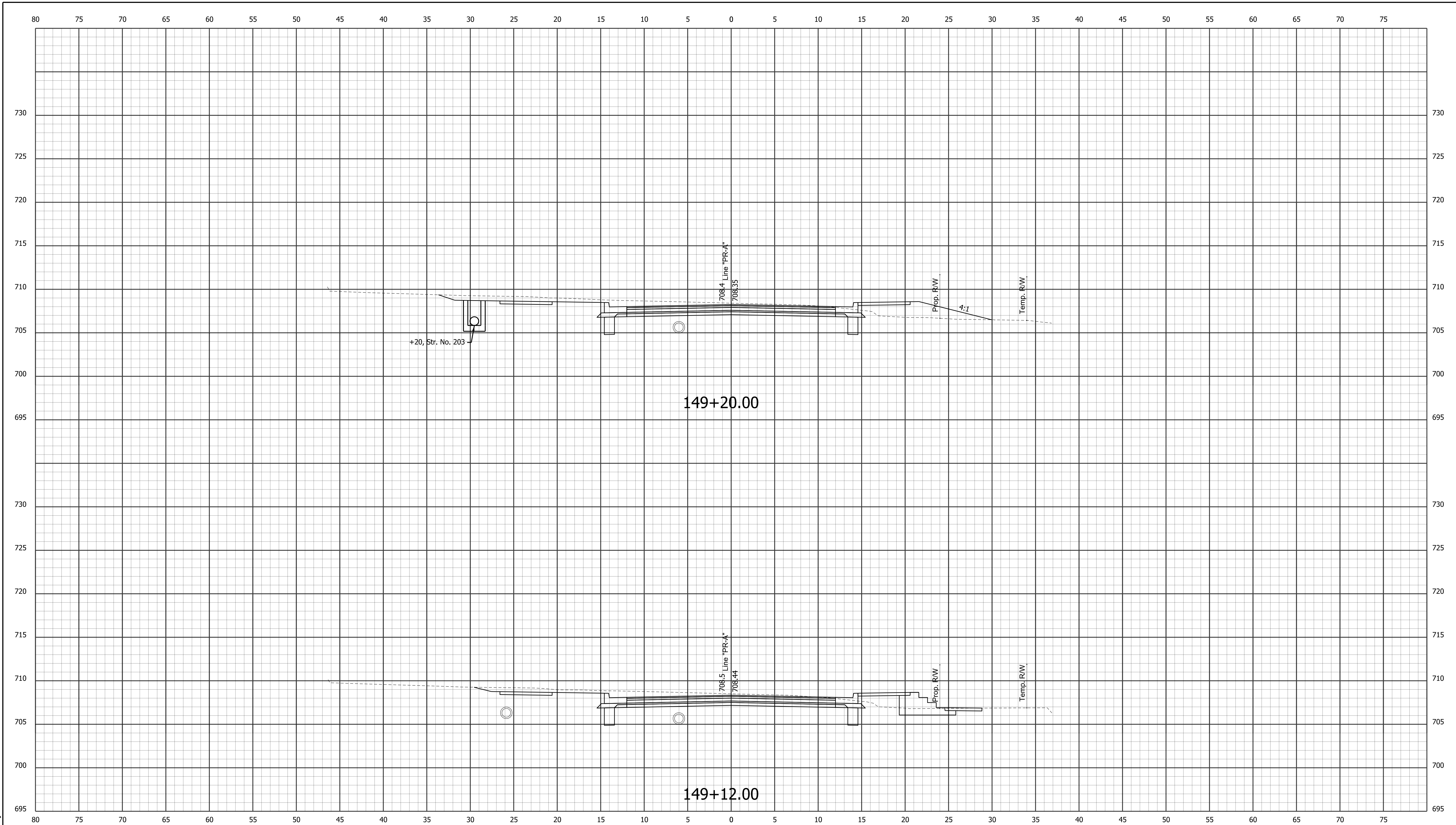
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DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 148+89.29 "PR-A" TO 149+00.00"PR-A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-82	124 of 141	
CONTRACT R-39890	PROJECT 1600294		



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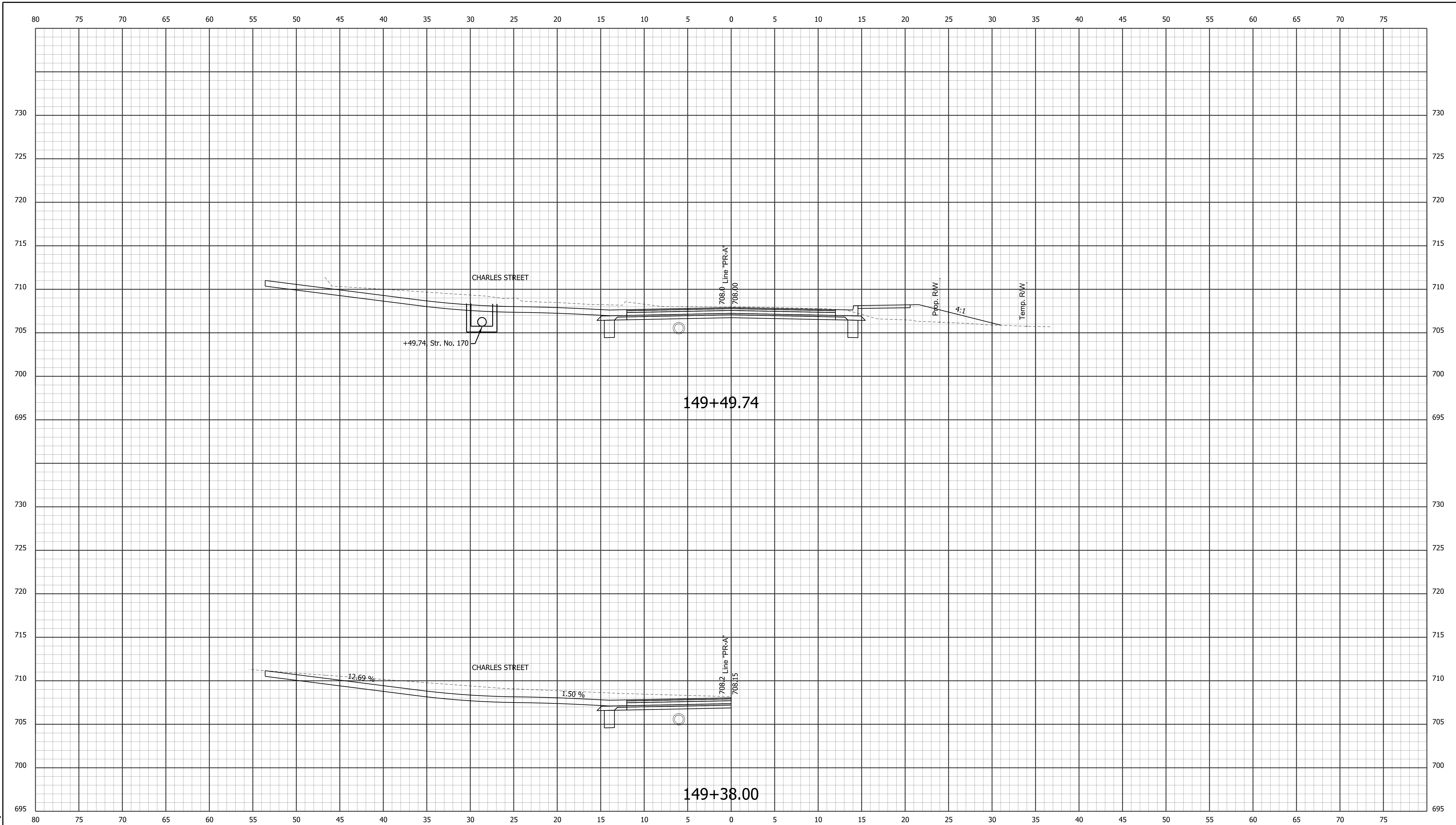
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 149+12.00 "PR-A" TO 149+20.00"PR-A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK XS-83	DWG. NO. 125	SHEET NO. of 141
CONTRACT R-39890	PROJECT 1600294	



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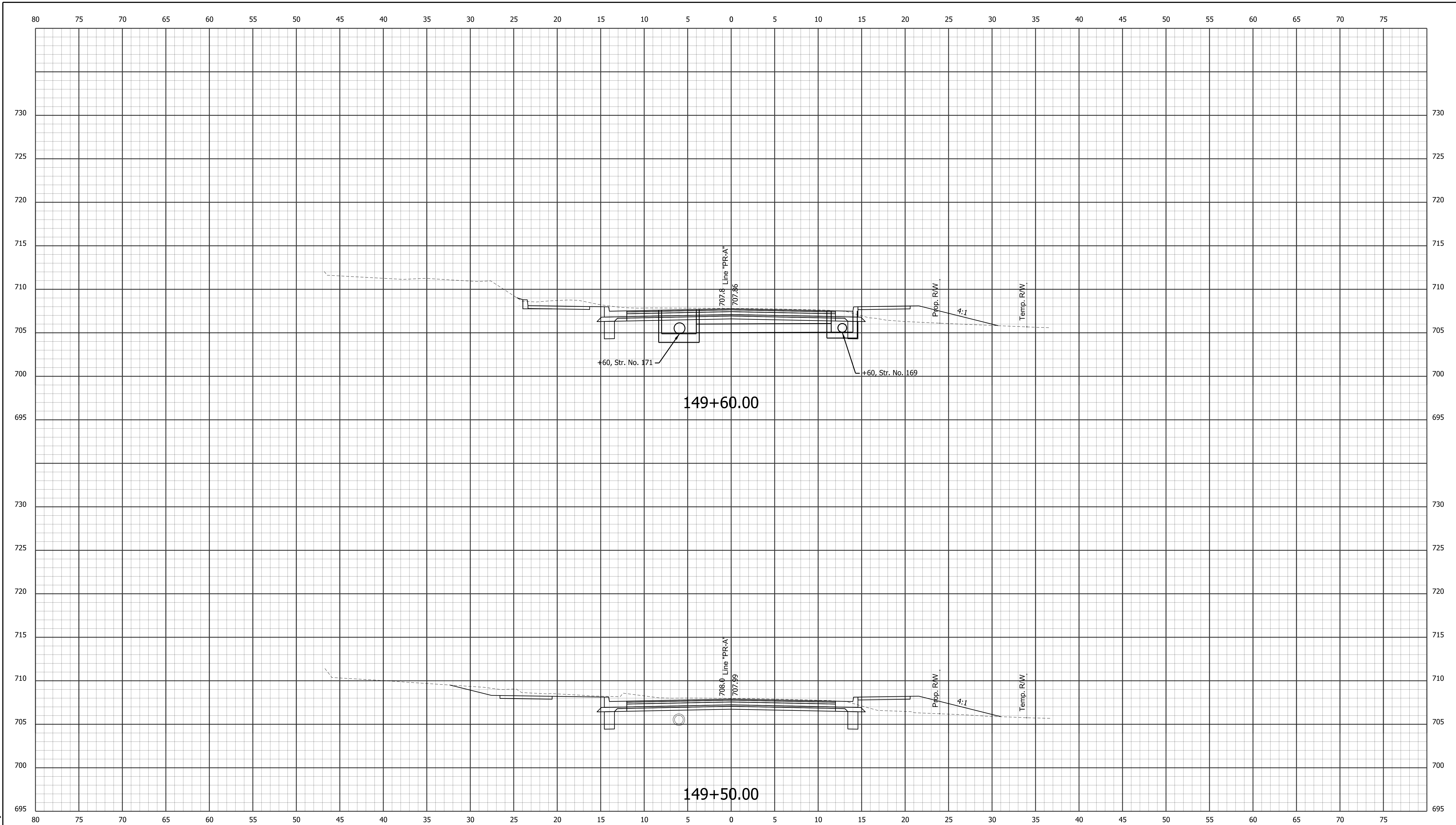
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
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**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 149+38.00 "PR-A" TO 149+49.74"PR-A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-84	SHEET NO. 126 of 141
CONTRACT R-39890	PROJECT 1600294	



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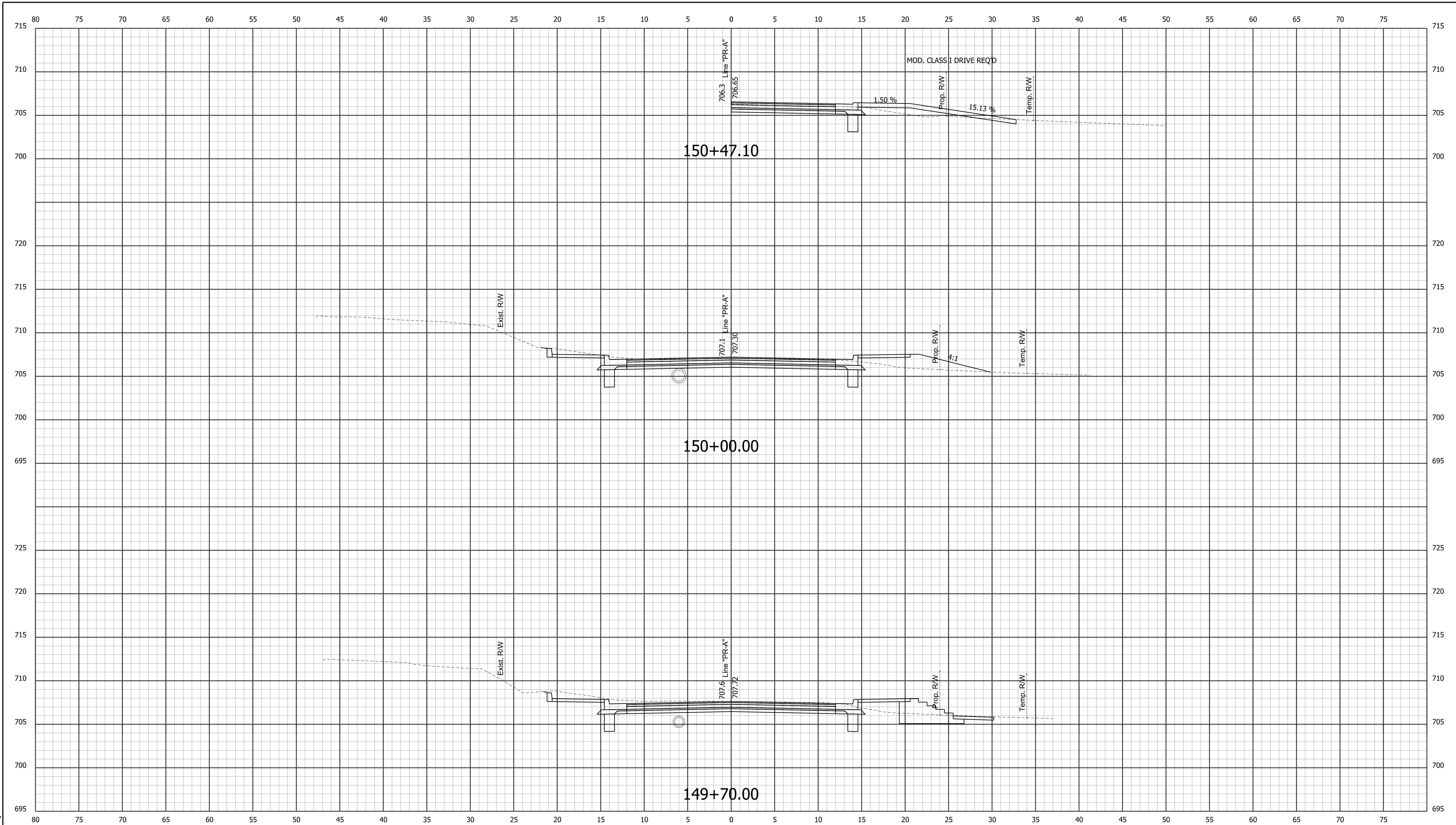
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 149+50.00 "PR-A" TO 149+60.00"PR-A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-85	SHEET NO. 127 of 141
CONTRACT R-39890	PROJECT 1600294	



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DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

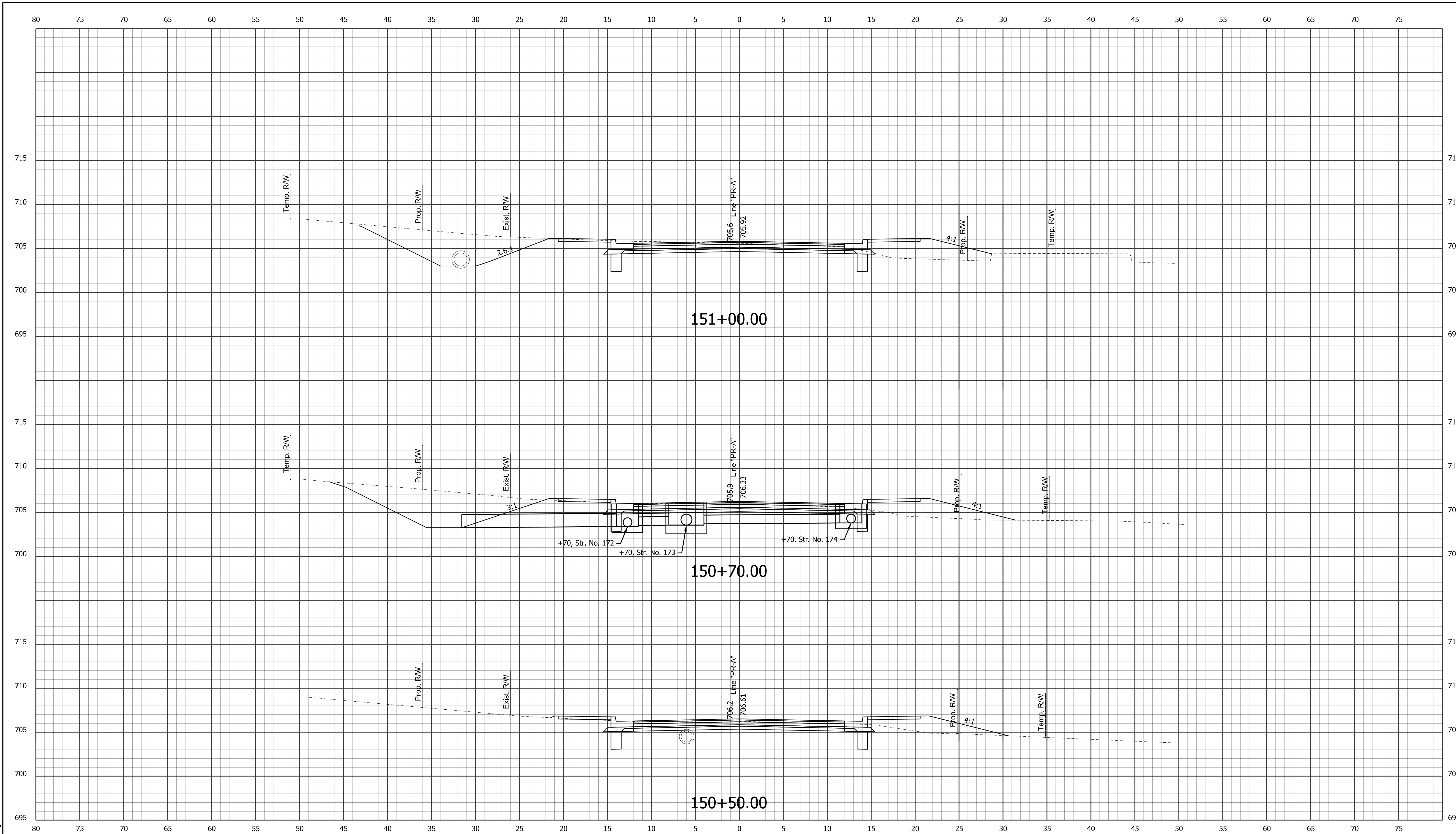
**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 149+70.00 "PR-A" TO 150+47.10"PR-A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-86	SHEET NO. 128 of 141	
CONTRACT R-39890	PROJECT 1600294		





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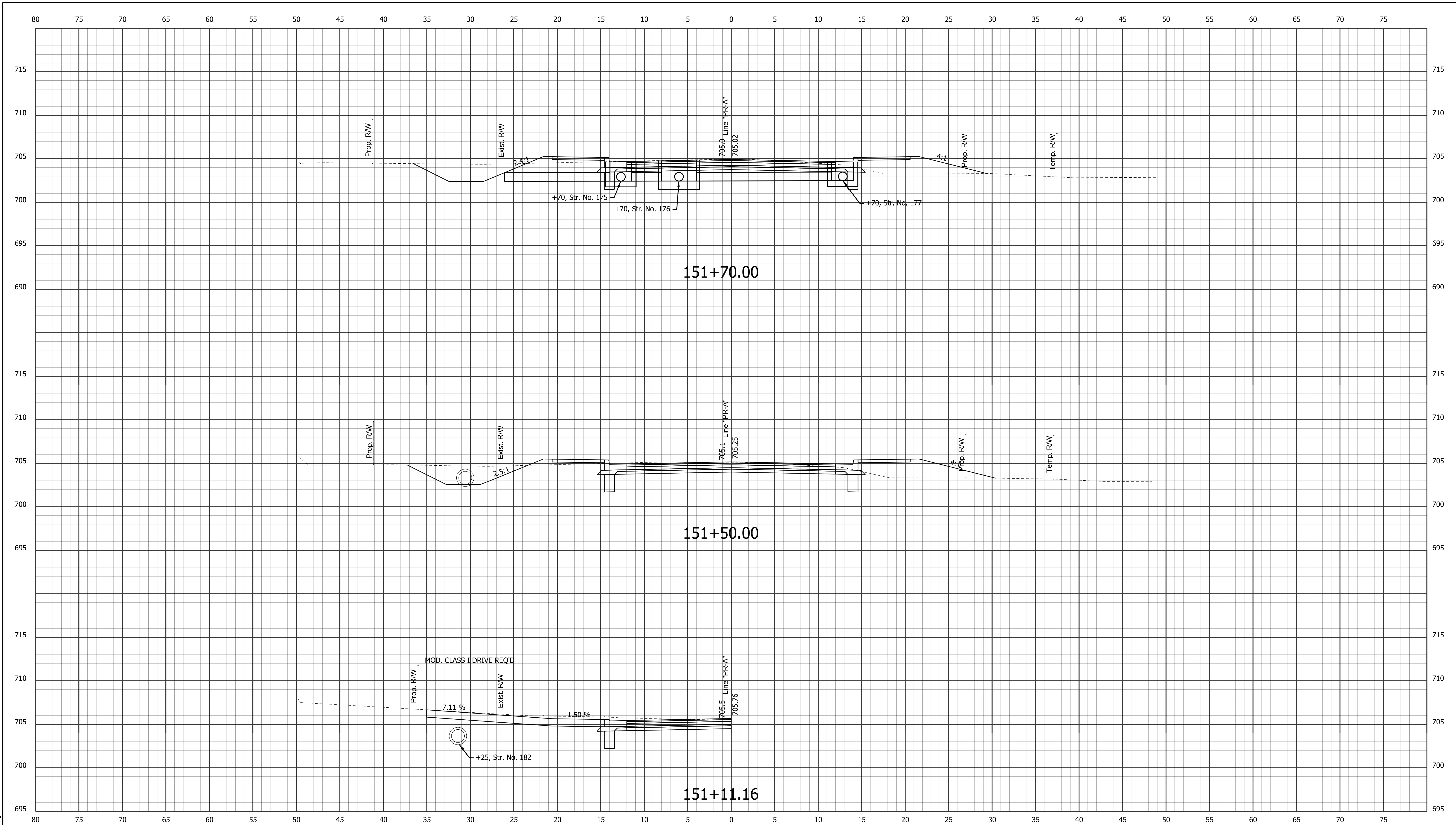
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DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 150+50.00 "PR-A" TO 151+00.00"PR-A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-87	129 of 141	
CONTRACT R-39890	PROJECT 1600294		



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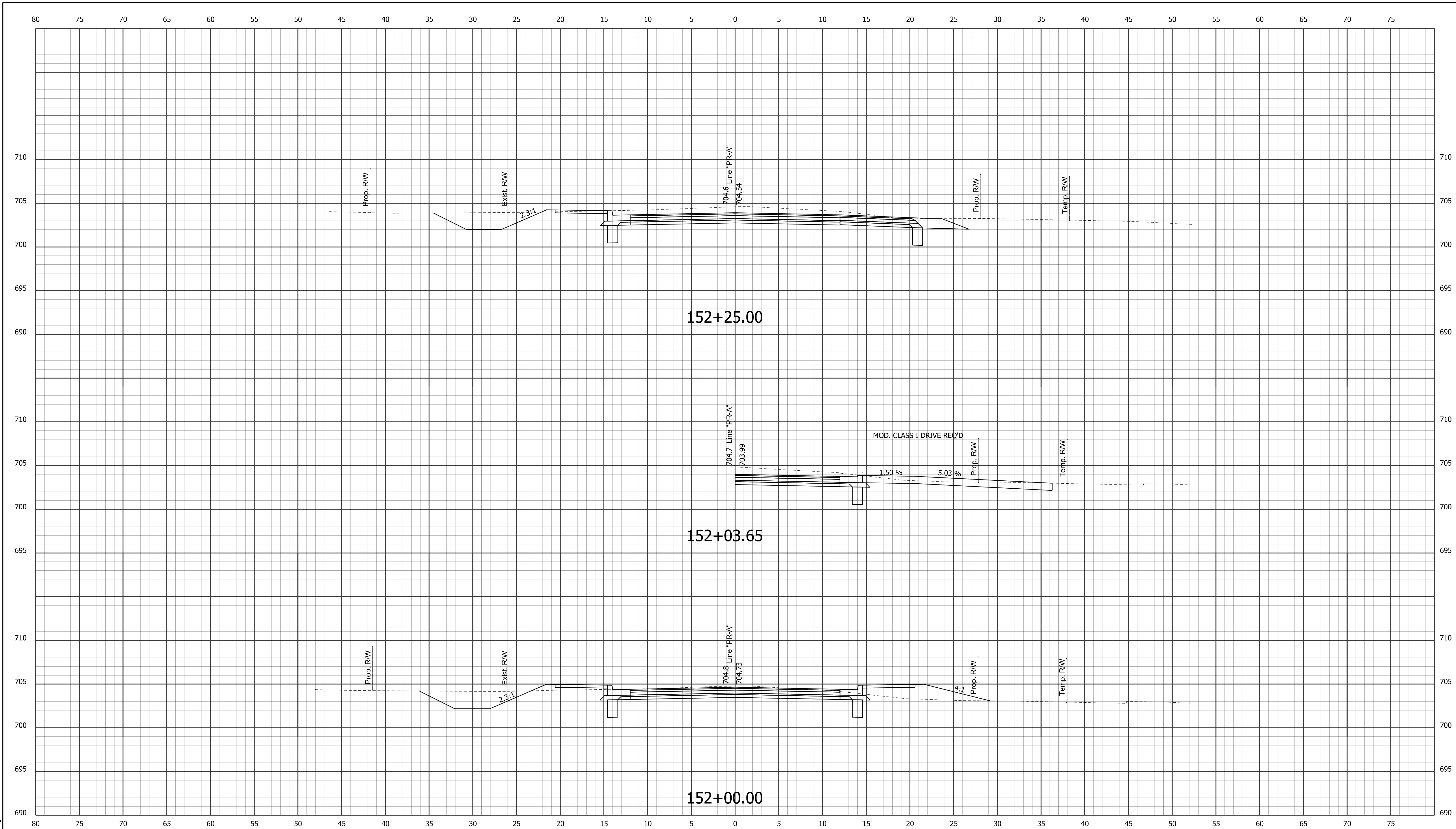
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DESIGNED: MJS	DRAWN: MJS
CHECKED: JRA	CHECKED: JRA

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 151+11.16 "PR-A" TO 151+70.00"PR-A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK XS-88	DWG. NO. 130	SHEET NO. 141 of 141
CONTRACT R-39890	PROJECT 1600294	



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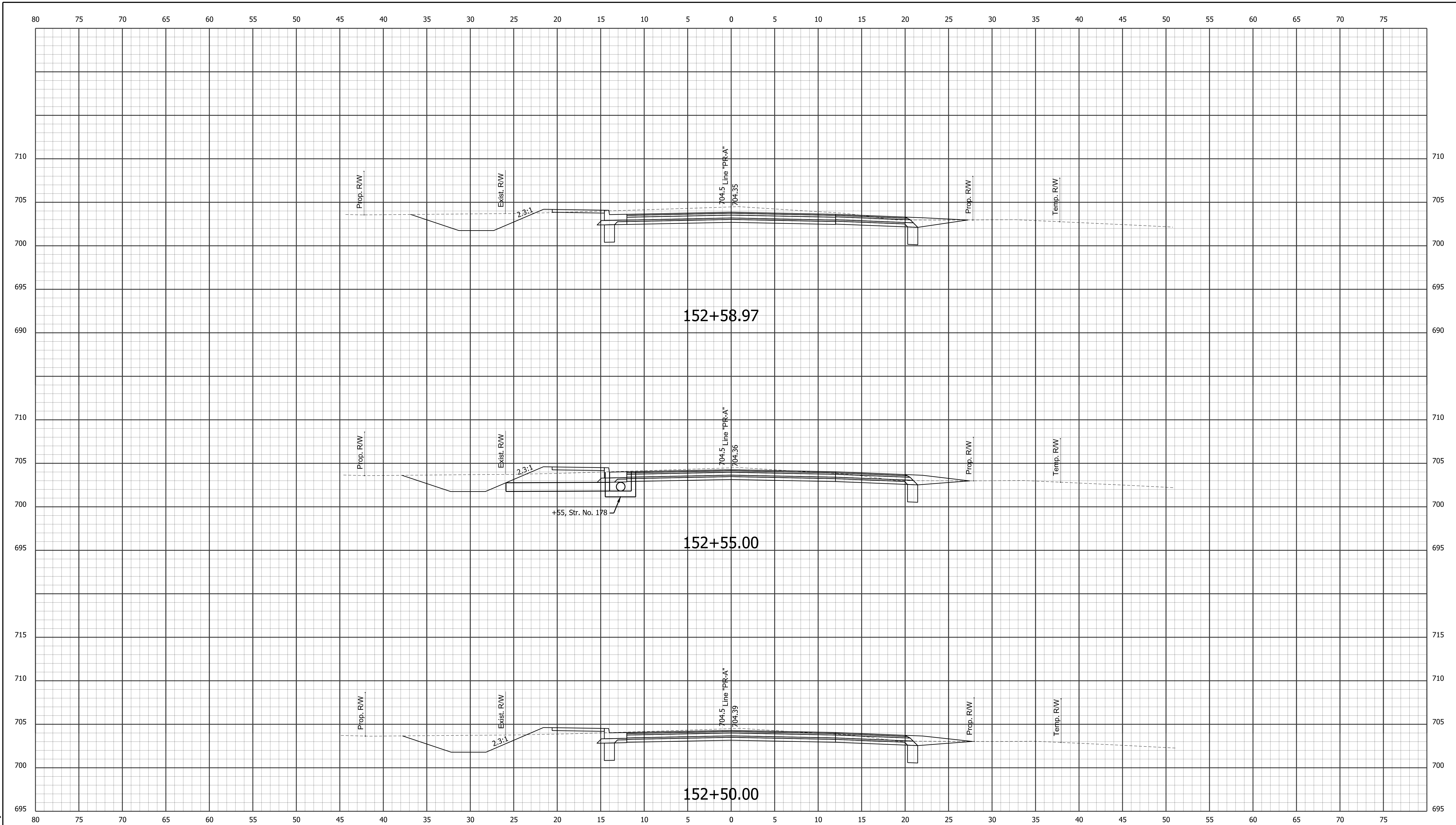
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
DEPARTMENT OF TRANSPORTATION

**CROSS SECTIONS**

**STA. 152+00.00 "PR-A" TO 152+25.00"PR-A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK XS-89	DWG. NO. 131	SHEET NO. of 141
CONTRACT R-39890	PROJECT 1600294	



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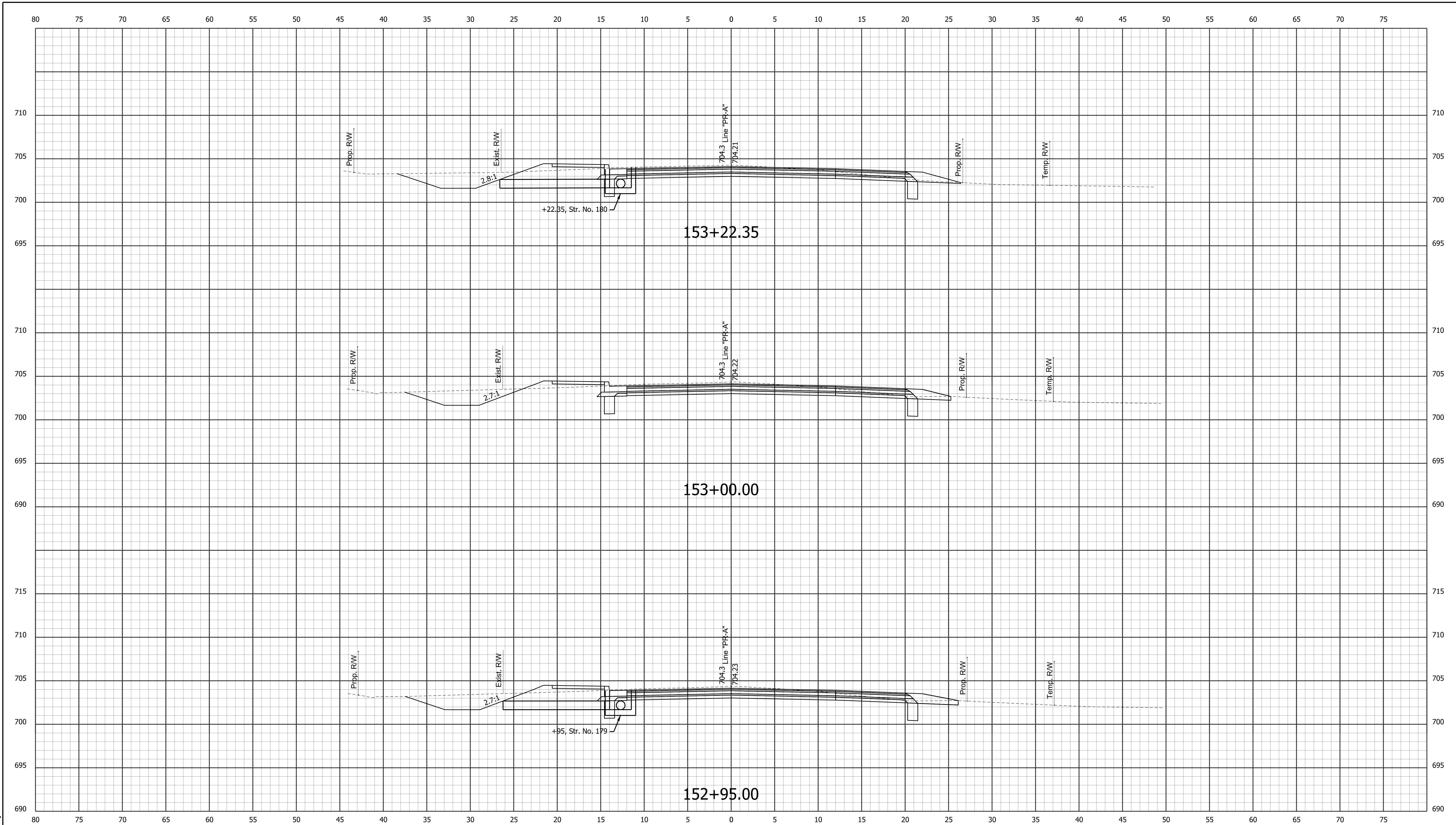
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: MJS	DRAWN: MJS				
CHECKED: JRA	CHECKED: JRA				

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 152+50.00 "PR-A" TO 152+58.97"PR-A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK XS-90	DWG. NO. 132	SHEET NO. 141 of 141	
CONTRACT R-39890	PROJECT 1600294		



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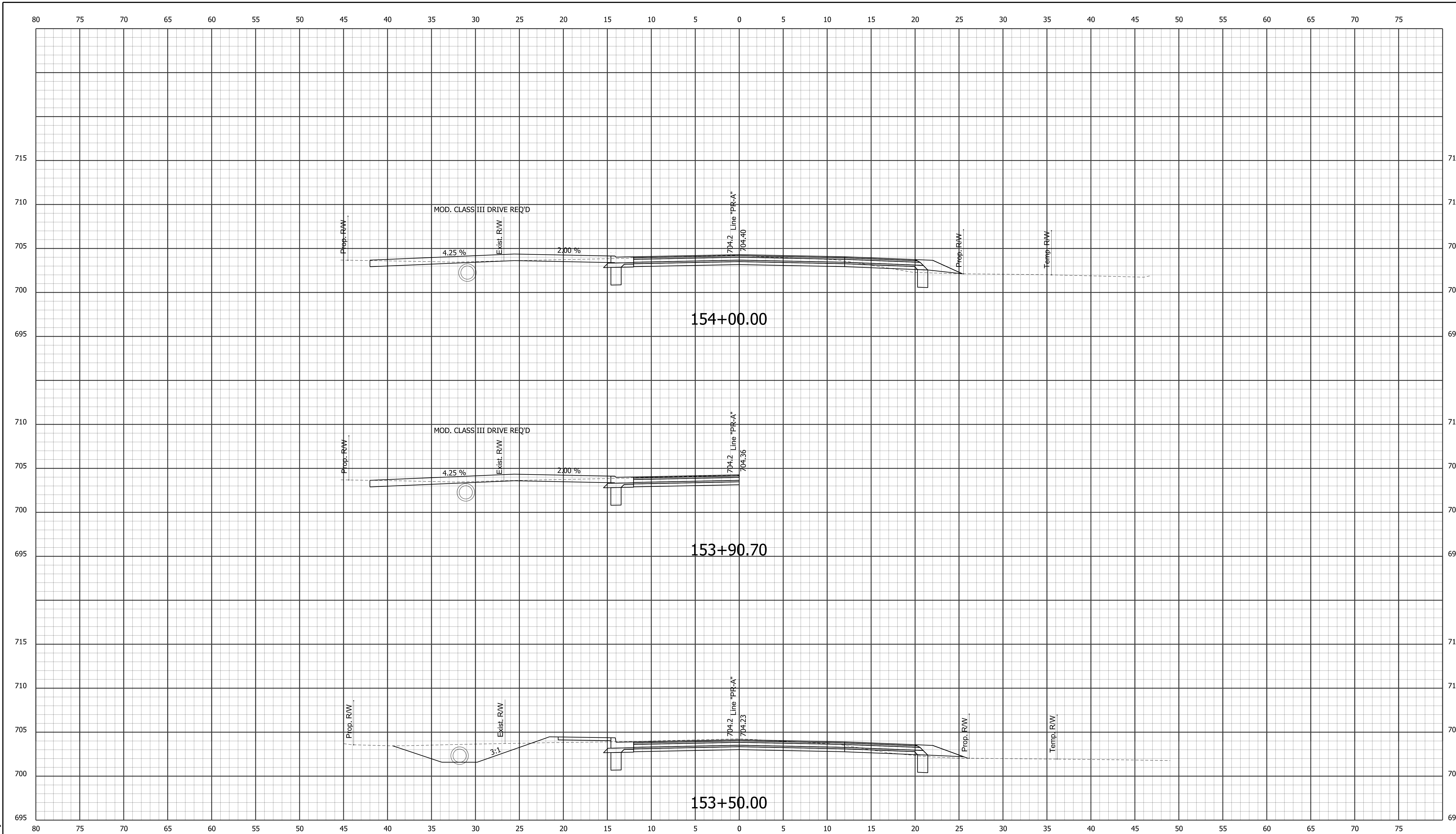
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: MJS	DRAWN: MJS				
CHECKED: JRA	CHECKED: JRA				

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 152+95.00 "PR-A" TO 153+22.35"PR-A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK XS-91	DWG. NO. 133	SHEET NO. 133 of 141	
CONTRACT R-39890		PROJECT 1600294	



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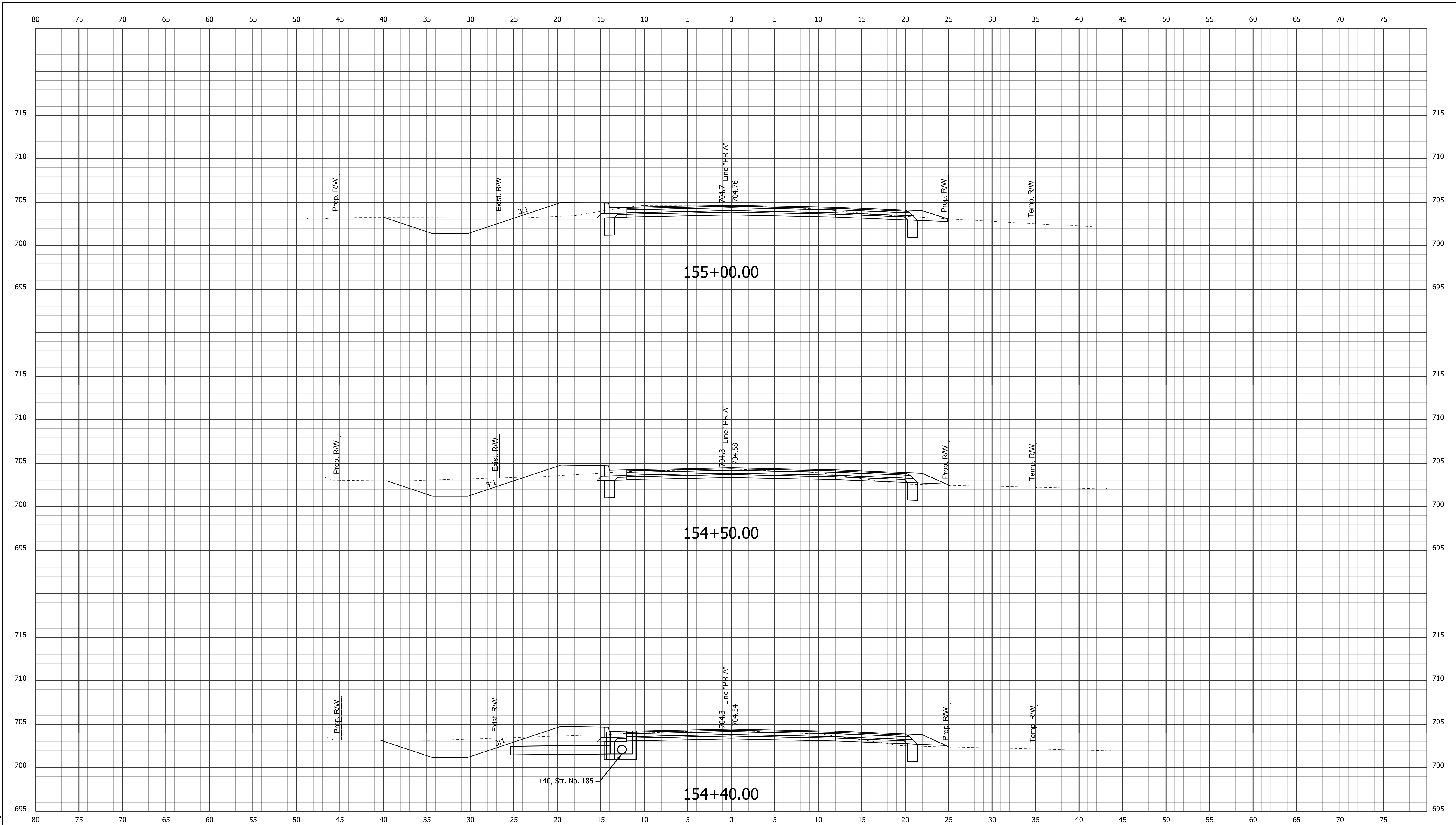
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 153+50.00 "PR-A" TO 154+00.00"PR-A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK XS-92	DWG. NO. 134	SHEET NO. 134 of 141	
CONTRACT R-39890		PROJECT 1600294	



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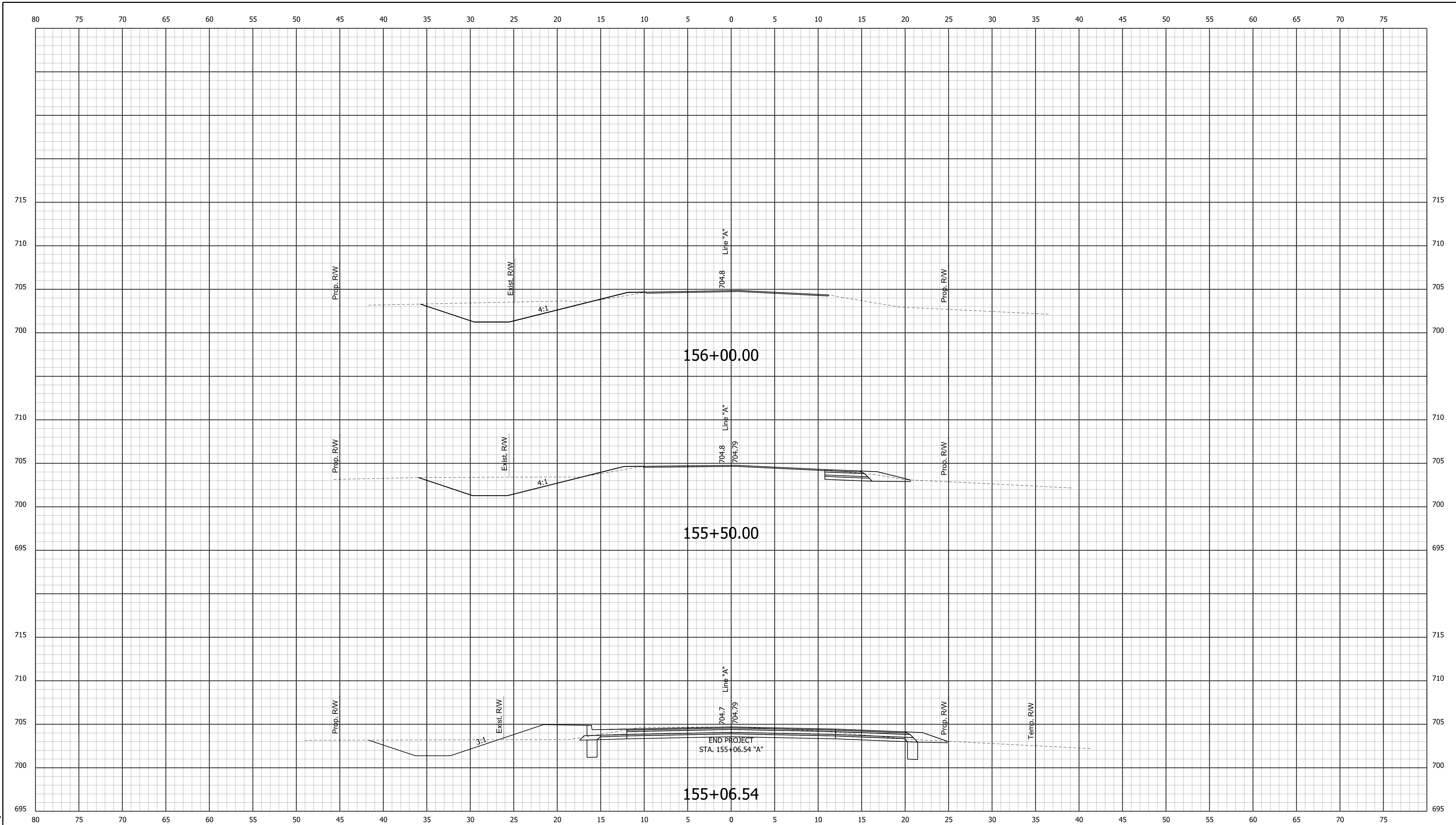
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 154+40.00 "PR-A" TO 155+00.00"PR-A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK XS-93	DWG. NO. 135	SHEET NO. 135 of 141	
CONTRACT R-39890		PROJECT 1600294	



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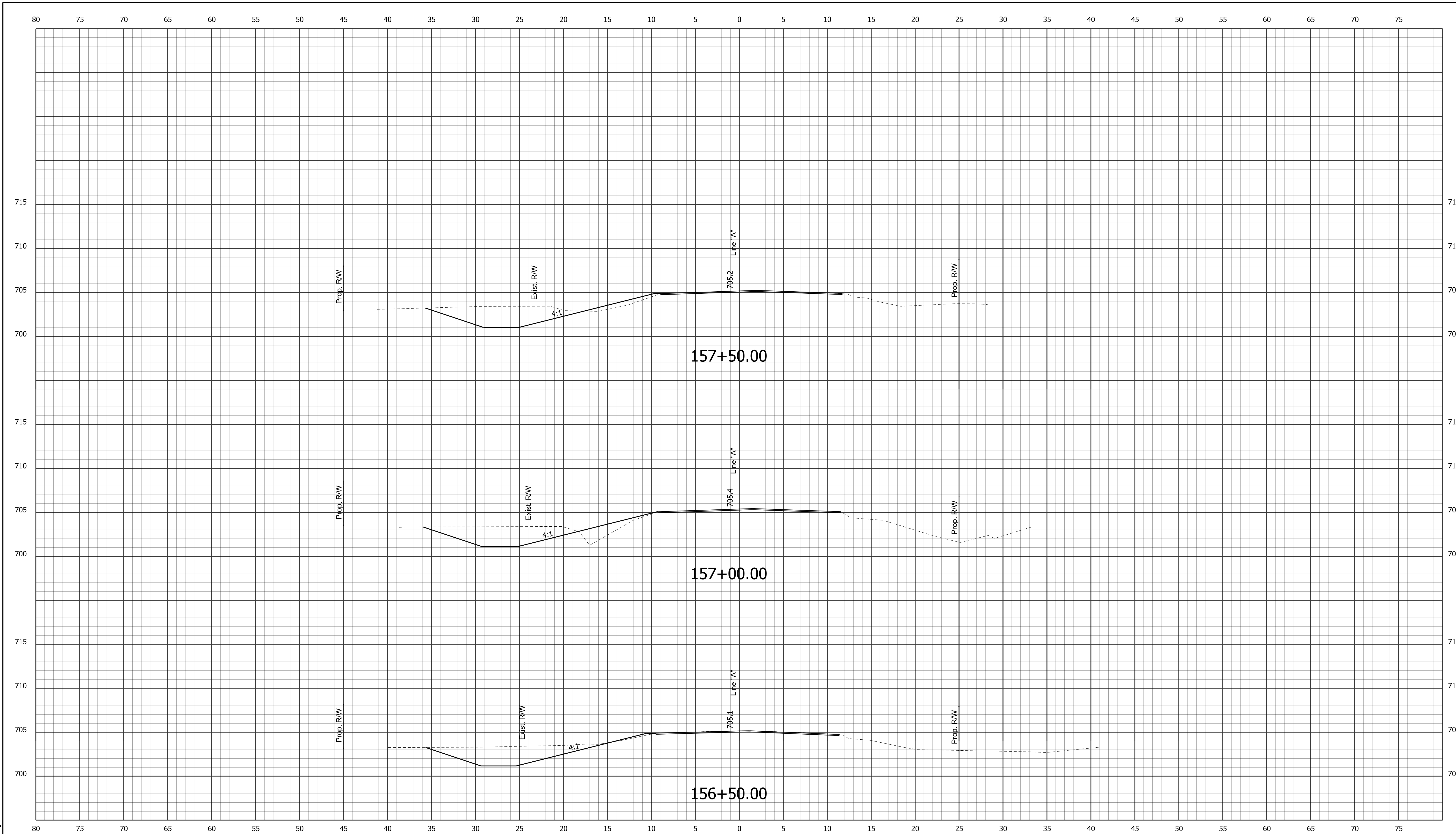
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 155+06.54 "A" TO 156+00.00"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK XS-94	DWG. NO. 136	SHEET NO. 141 of 141	
CONTRACT R-39890		PROJECT 1600294	





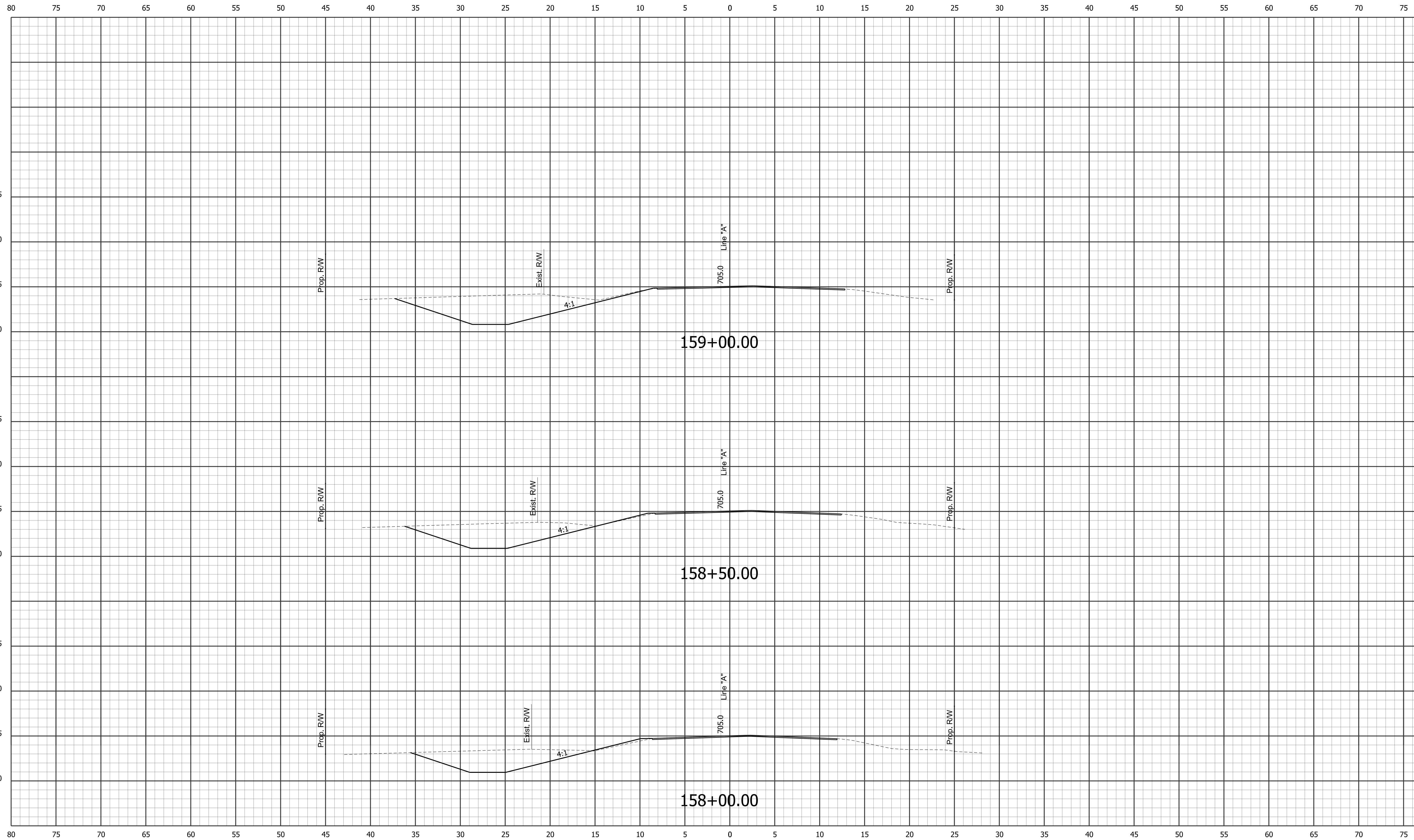
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 156+50.00 "A" TO 157+50.00"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK XS-95	DWG. NO. 137	SHEET NO. of 141	
CONTRACT R-39890		PROJECT 1600294	



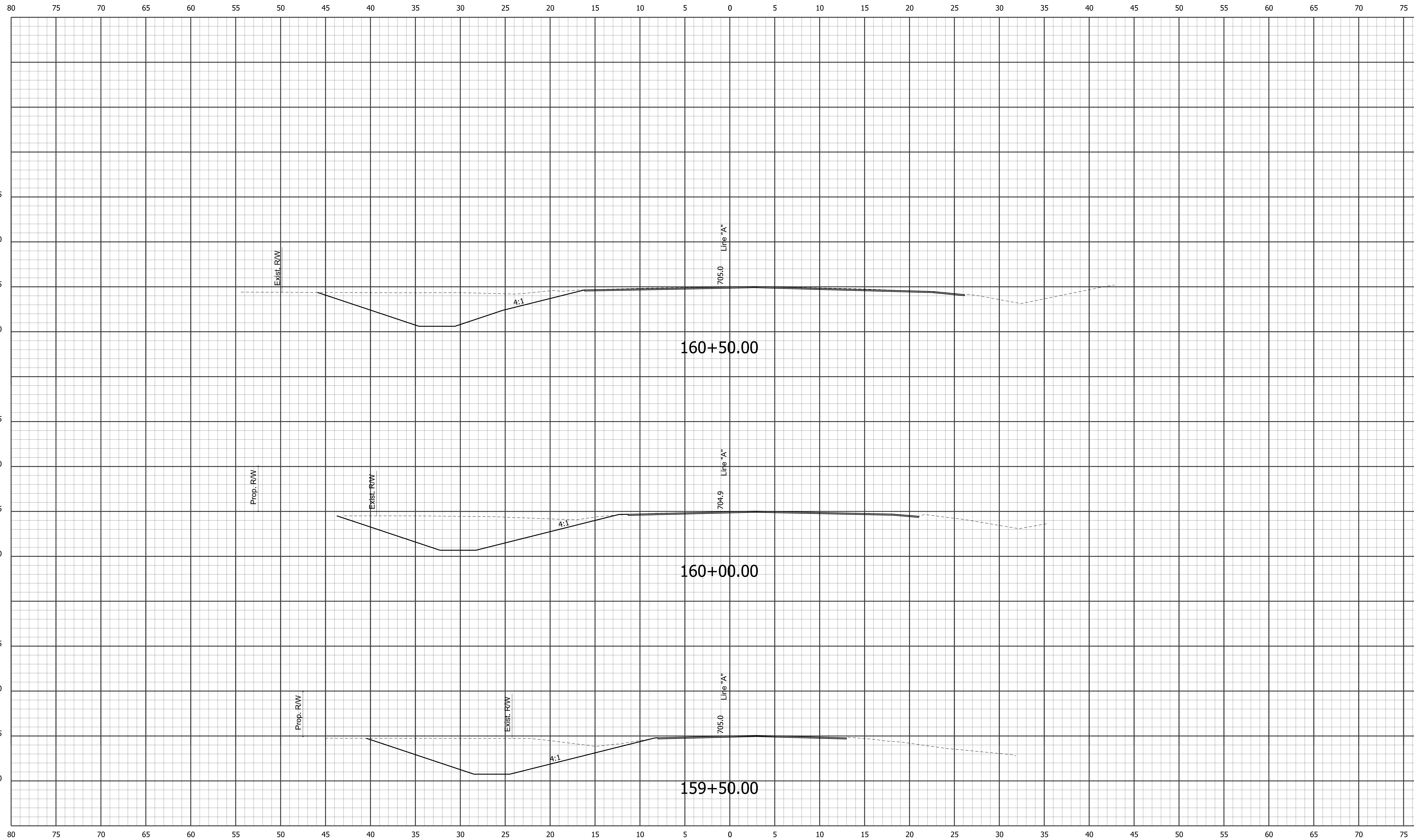
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 158+00.00 "A" TO 159+00.00"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-96	138 of 141	
CONTRACT R-39890	PROJECT 1600294		



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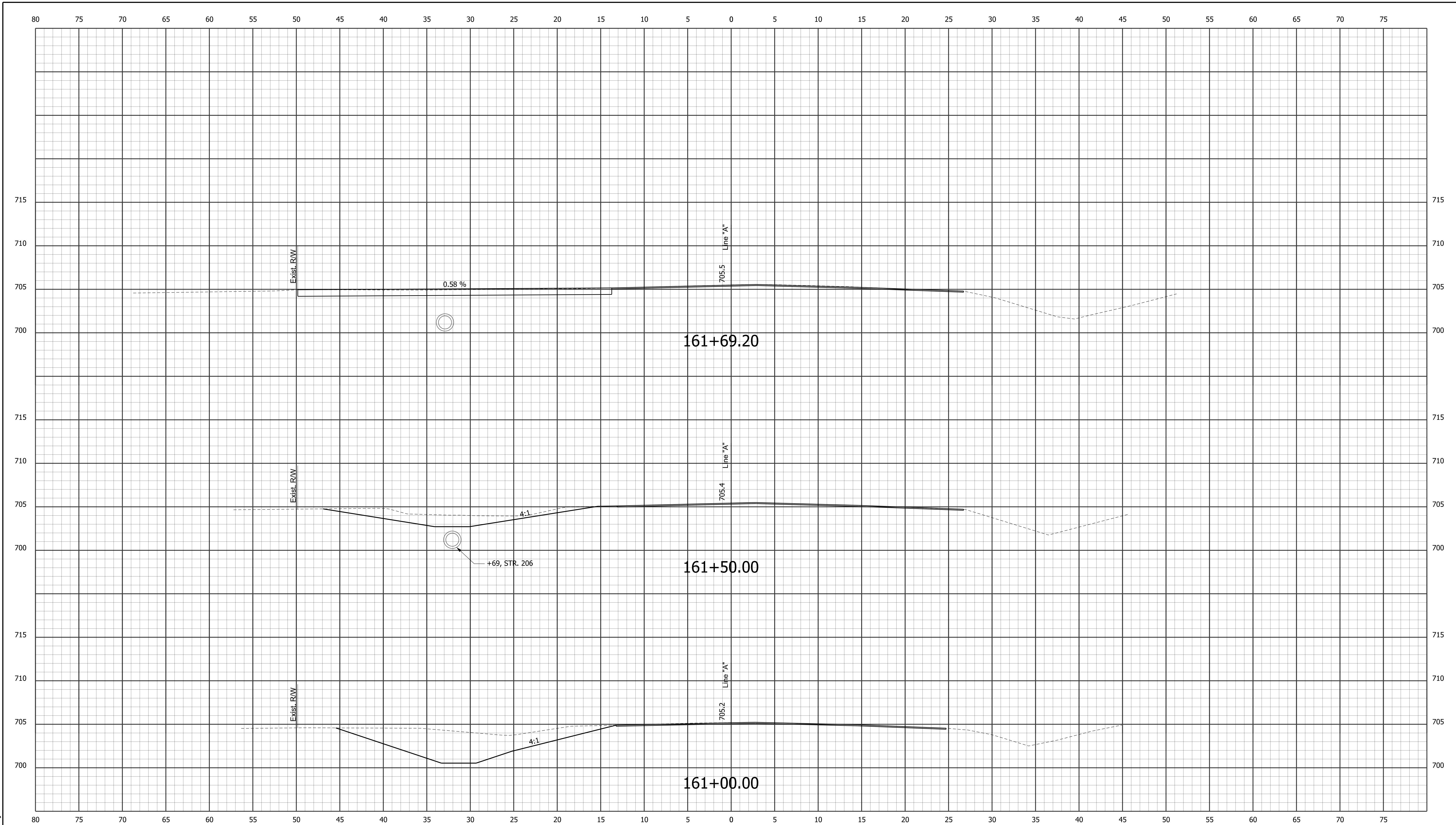
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 159+50.00 "A" TO 160+50.00"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-97	SHEET NO. 139 of 141	
CONTRACT R-39890	PROJECT 1600294		



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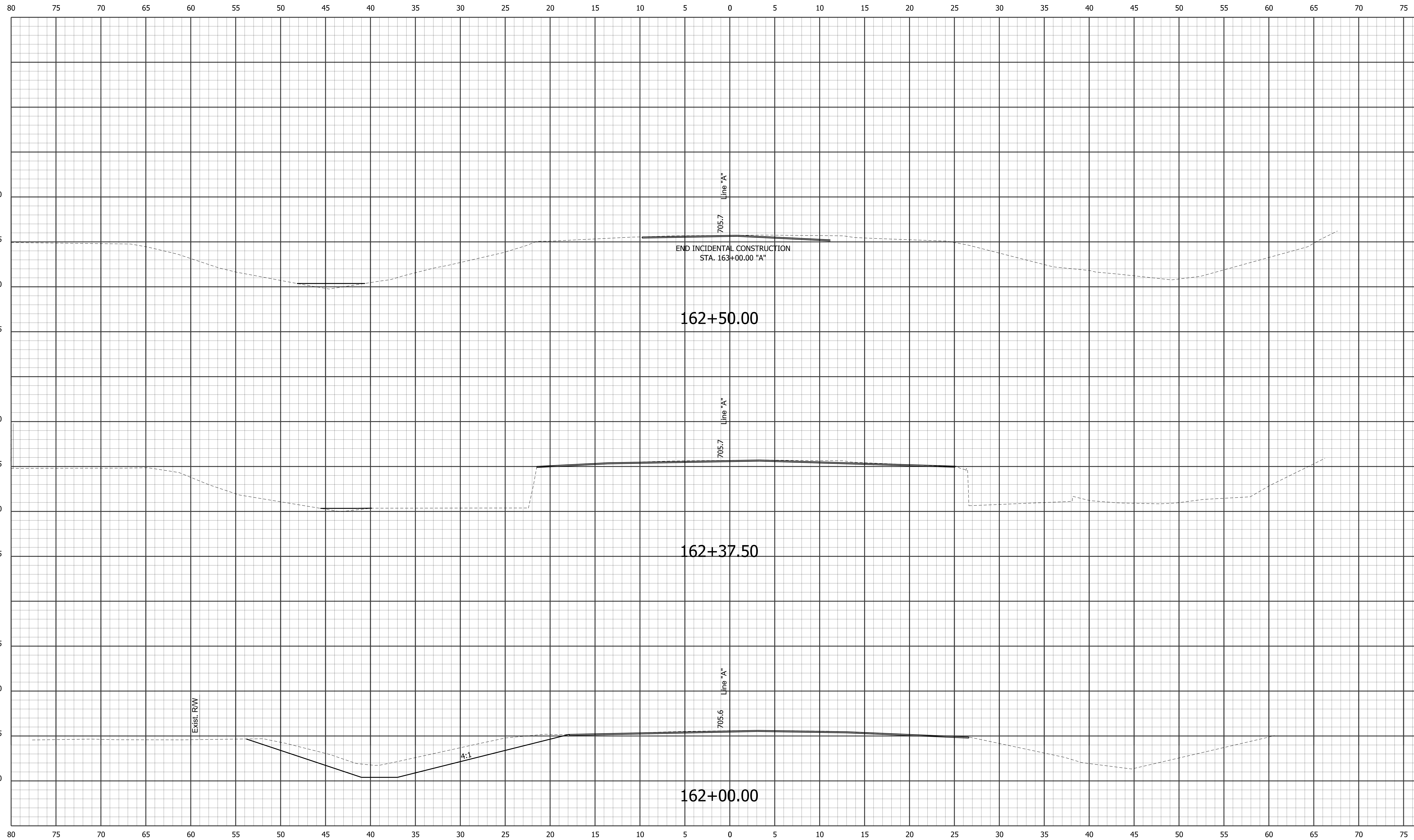
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: MJS	DRAWN: MJS				
CHECKED: JRA	CHECKED: JRA				

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

**STA. 161+00.00 "A" TO 161+69.20"A"**

HORIZONTAL SCALE 1" = 5'		BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'		DESIGNATION 1600294	
SURVEY BOOK XS-98	DWG. NO. 140	SHEET NO. 141 of 141	
CONTRACT R-39890		PROJECT 1600294	



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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: MJS	DRAWN: MJS		
CHECKED: JRA	CHECKED: JRA		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**STA. 162+00.00 "A" TO 162+50.00"A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	
VERTICAL SCALE 1" = 5'	DESIGNATION 1600294	
SURVEY BOOK	DWG. NO. XS-99	SHEET NO. 141 of 141
CONTRACT R-39890	PROJECT 1600294	