

PROJECT	DESIGNATION
0810244	1005117
CONTRACT	

KIN DESIGNATION NUMBERS	
BRIDGE PLANS	
0900239	BRIDGE 1B-1 - RAMP 1R-1 OVER RAILROAD
0900242	BRIDGE 1B-2 - W.B. S.R. 265 OVER RAILROAD
0900241	BRIDGE 1B-3 - E.B. S.R. 265 OVER RAILROAD
0900240	BRIDGE 1B-4 - RAMP 1R-3 OVER RAILROAD
0900243	BRIDGE 1B-5 - W.B. S.R. 265 OVER S.R. 62
0900244	BRIDGE 1B-6 - E.B. S.R. 265 OVER S.R. 62
0900245	BRIDGE 1B-7 - W.B. S.R. 265 OVER PORT ROAD
0900246	BRIDGE 1B-8 - E.B. S.R. 265 OVER PORT ROAD
0900247	BRIDGE 1B-9 - RAMP 1R-9 OVER PORT ROAD
ROAD PLANS	
0810244	S.R. 265 STA. 335+00 TO STA. 427+11 "LA"

INDIANA DEPARTMENT OF TRANSPORTATION



NOTE: FOR INDEX OF SHEET, NO.'S AND TRAFFIC DATA SEE DWG. NO. 1X-01.

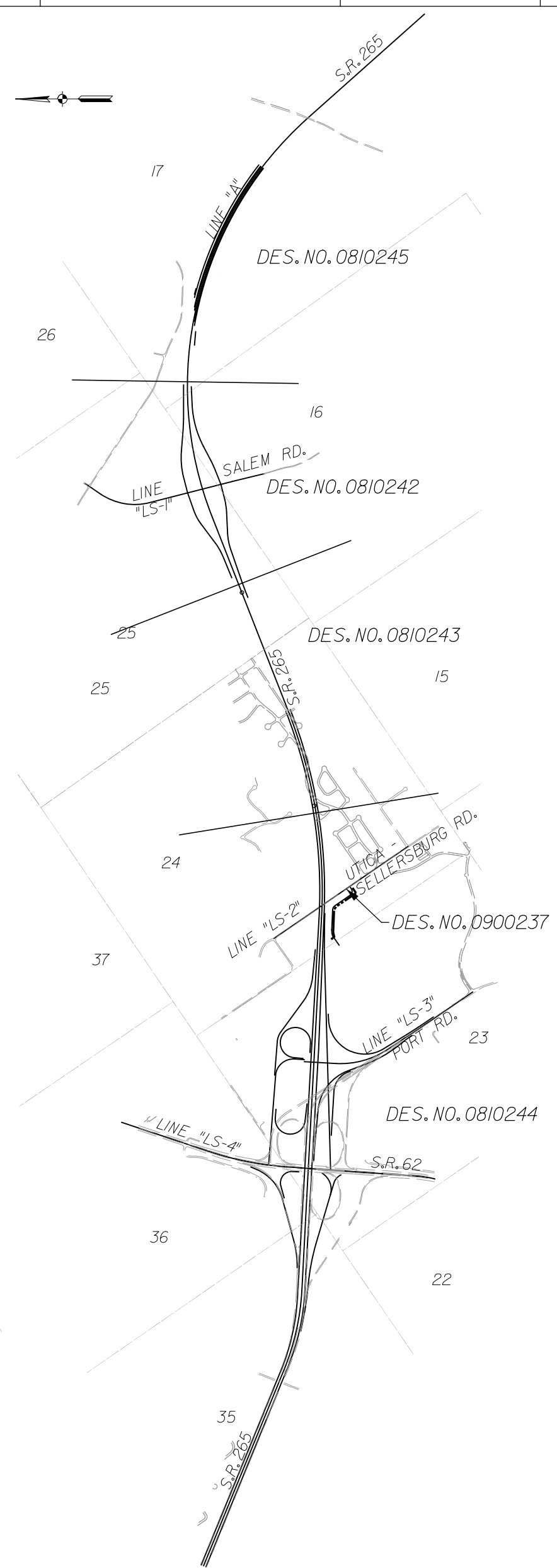
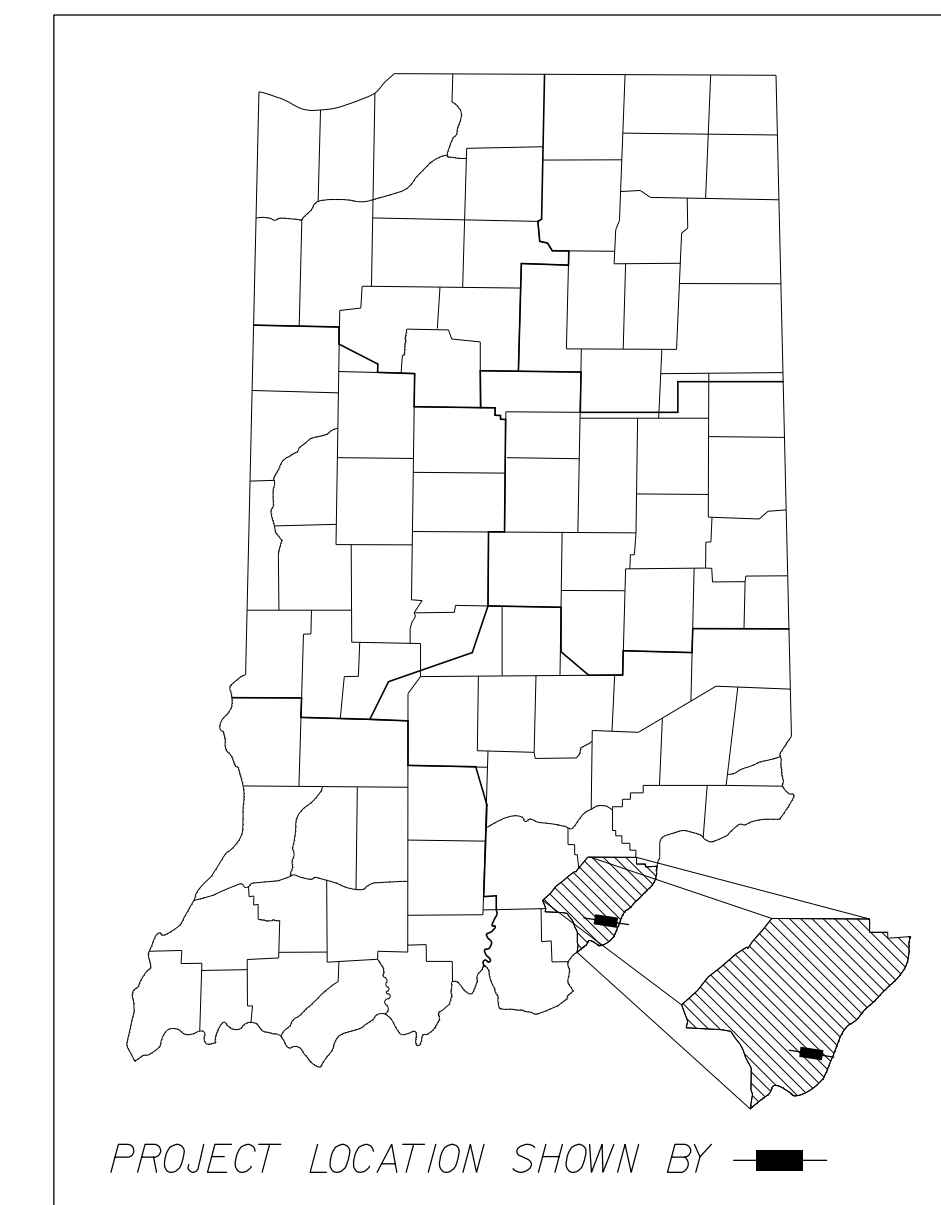
STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
265-10-9557	COMPOSITE WELDED PLATE GIRDER BRIDGE	1 SPAN: 101'-6" SKEW: 49° RT.	Ramp "1R-9"	P.O.C. 813+03.95 "1R-8"

BRIDGE PLANS

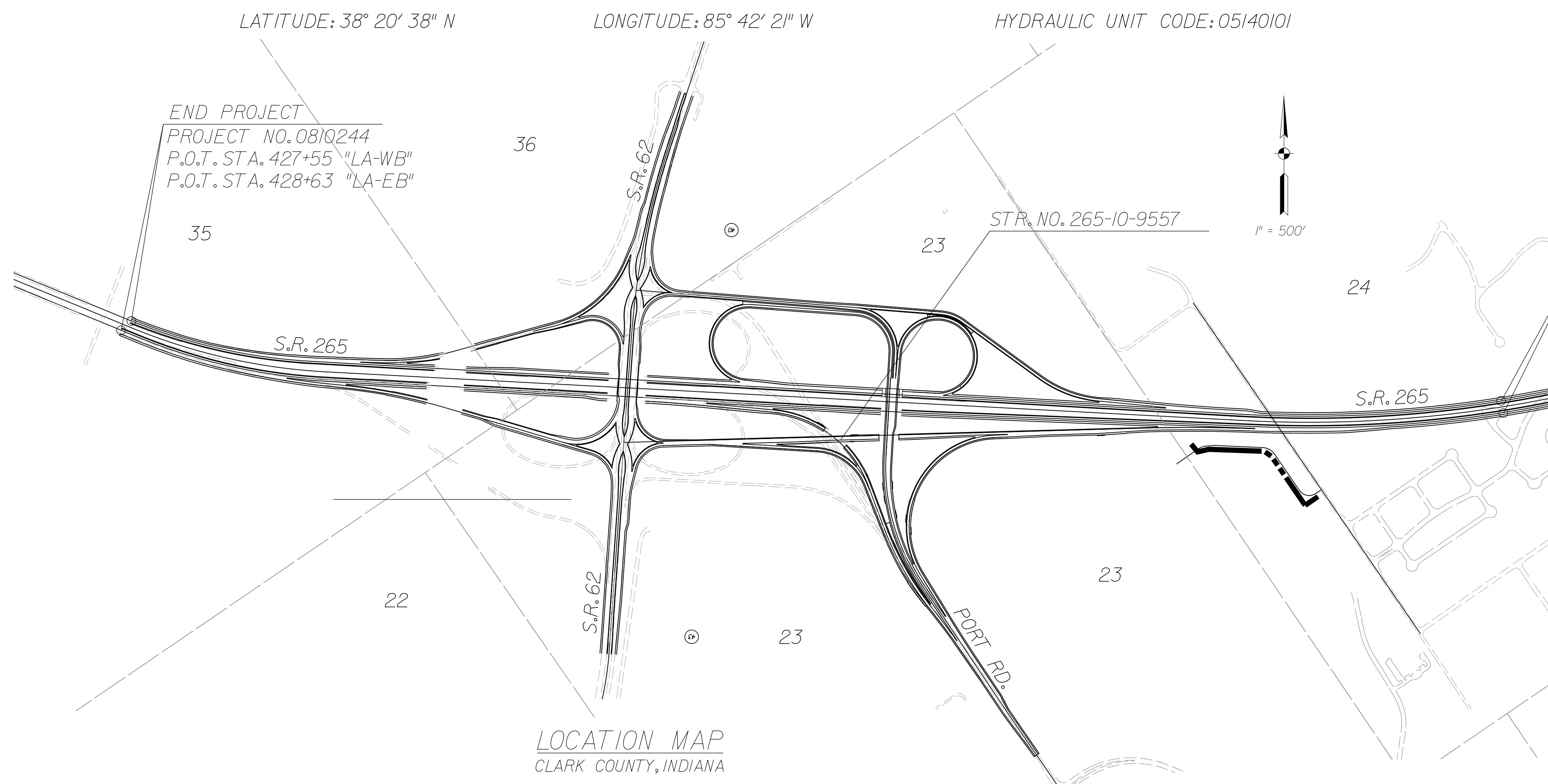
ROUTE: S.R. 265 FROM: R.P. 8+92 TO: R.P. 10+70

PROJECT NO. 0810244 P.E.
PROJECT NO. 0810244 R/W
PROJECT NO. 0810244 CONST.

Structure No. 265-10-9557 is a New Bridge Construction on Proposed Ramp "1R-8" over Proposed Ramp "1R-9" Located Approximately 0.32 Miles to the Southeast of the Existing S.R. 265 & S.R. 62 Interchange in Illinois Grant, Survey 23, Utica Township, Clark County, Indiana



PROJECT MAP
SCALE: 1" = 2000'



ROAD LENGTH: 0.333 mi.
BRIDGE LENGTH: 0.020 mi.
MAXIMUM GRADE: -4.24%

FINAL SUBMITTAL
DECEMBER 30, 2011

(INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2012
TO BE USED WITH THESE PLANS)

AMERICAN STRUCTUREPOINT INC.
7260 SHADELAND STATION
INDIANAPOLIS, IN 46256-3957
TEL 317.547.5580 FAX 317.543.0270
www.structurepoint.com

FEDERAL HIGHWAY ADMINISTRATION U.S. DEPT. OF TRANSPORTATION APPROVED: _____ DATE _____ DIVISION ADMINISTRATOR	PLANS PREPARED BY: AMERICAN STRUCTUREPOINT, INC. CERTIFIED BY: _____ DATE _____ APPROVED FOR LETTING: _____ DATE _____ CHIEF, DIVISION OF DESIGN	<table border="1" style="width: 100%;"> <tr> <td colspan="2">BRIDGE FILE</td> </tr> <tr> <td colspan="2">265-10-9557</td> </tr> <tr> <td colspan="2">DESIGNATION</td> </tr> <tr> <td colspan="2">1005117</td> </tr> <tr> <td>DWG. NO.</td> <td>SHEET NO.</td> </tr> <tr> <td>TI-01</td> <td>1 of 15</td> </tr> <tr> <td colspan="2">PROJECT</td> </tr> <tr> <td colspan="2">0810244</td> </tr> </table>	BRIDGE FILE		265-10-9557		DESIGNATION		1005117		DWG. NO.	SHEET NO.	TI-01	1 of 15	PROJECT		0810244	
BRIDGE FILE																		
265-10-9557																		
DESIGNATION																		
1005117																		
DWG. NO.	SHEET NO.																	
TI-01	1 of 15																	
PROJECT																		
0810244																		

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UTILITIES

TELECOMMUNICATIONS

Level 3 Communications
4010 HWY 3
Charlestown, IN 47111
Attn: Rick Stephens
(502) 836-5921
richard.stephens@level3.com

AT&T Indiana
P.O. Box 1405
510 E. Spring St.
New Albany, IN 47150
Attn: Monte Gullion
(812) 948-7179
mg4381@ATT.com

Insight Communications
4701 Commerce Crossings Drive
Louisville, KY 40229
Attn: Nathan Hawerton
(502) 639-6838
Hawerton.N@insight.com

WATER

Watson Water
4106 Utica-Sellersburg Road
Jeffersonville, IN 47130
Attn: Glenn Freeman
(812) 246-5416
glenn@watson-water.com

ELECTRIC

Clark County REMC
7810 SR 60
Sellersburg, IN 47172
Attn: Larry Edwards
(812) 248-7504
ledwards@theremc.net

Duke Energy
1619 West Defenbaugh Street
Kokomo, IN 46902
Attn: Jim Shields
(317) 402-2745
Jim.Shields@duke-energy.com

GAS PIPELINES

Vectren Energy Delivery of Indiana
2520 Lincoln Drive
Clarksville, IN 47129
Attn: Paul Schroeder
(812) 948-4954 (office)
(502) 445-1934 (cell)
pschroeder@vectren.com

SANITARY

City of Jeffersonville
1420 Pennsylvania Ave.
Jeffersonville, IN 47130
Attn: Len Ashack
(812) 285-6451
lashack@cityofjeff.net

MISCELLANEOUS AGENCIES

CSX Transportation
500 WATER STREET
JACKSONVILLE, FL 32202
Attn: Leslie L. Scherr
(904) 366-3057
Leslie_Scherr@CSX.com

Ports of Indiana- Jeffersonville
5100 Port Rd.
Jeffersonville, IN 47130
Attn: Scott Stewart
(812) 283-9662
s.stewart@portsofindiana.com



REVISIONS

NO.	DATE	DESCRIPTION

DRAWING INDEX

SHEET NO.	DRAWING NO.	SHEET DESIGNATION
1	TI-01	TITLE SHEET
2	IX-01	INDEX SHEET
3	TS-09	TYPICAL SECTIONS - RAMP "IR-9" (FOR INFORMATION ONLY)
4	TS-08	TYPICAL SECTIONS - RAMP "IR-8" (FOR INFORMATION ONLY)
5	PN-14	ROAD PLAN SHEET - RAMP "IR-9" (FOR INFORMATION ONLY)
6	V-24	ROAD PROFILE SHEET - RAMP "IR-9" (FOR INFORMATION ONLY)
7	PN-12	ROAD PLAN SHEET - RAMP "IR-8" & "IR-10" (FOR INFORMATION ONLY)
8	V-20	ROAD PROFILE SHEET - RAMP "IR-8" (FOR INFORMATION ONLY)
9	SE-10	SUPERELEVATION DIAGRAM RAMP "IR-8" (FOR INFORMATION ONLY)
10	LY-01	LAYOUT
11	GE-01	GENERAL PLAN
12-13	X5-II-X5-12	CROSS SECTIONS - RAMP "IR-9" (FOR INFORMATION ONLY)
14-15	X5-4-X5-5	CROSS SECTIONS - RAMP "IR-8" (FOR INFORMATION ONLY)

ROADWAY	ALIGNMENT	TRAFFIC DATA				DESIGN SPEED	PROJECT DESIGN CRITERIA	DESIGN DATA			
		A.A.D.T. 2030	D.H.V. 2030	% A.D.T. TRUCKS	% D.H.V. TRUCKS			FUNCTIONAL CLASSIFICATION	RURAL / URBAN	TERRAIN	ACCESS CONTROL
		V.P.D.	V.P.H.			mph					
S.R. 265 EAST OF S.R. 62 EB	LINE "LA-EB"	19500	3400	15	8	70	NEW CONSTRUCTION (FREEWAY)	PRINCIPAL ARTERIAL	RURAL	LEVEL	FULL
S.R. 265 EAST OF S.R. 62 WB	LINE "LA-WB"	19500	2800	15	11	70					
S.R. 265 WEST OF S.R. 62 EB	LINE "LA-EB"	29700	3600	16	10	70					
S.R. 265 WEST OF S.R. 62 WB	LINE "LA-WB"	29700	3700	16	13	70					
PORT ROAD	LINE "LS-3"	8200	1150	43	33	30	NEW CONSTRUCTION (NON-FREEWAY)	COLLECTOR	URBAN (SUBURBAN)	LEVEL	FULL/PARTIAL
S.R. 62 NORTH OF S.R. 265 NB	LINE "LS-4"	20400	2075	8	5	45	NEW CONSTRUCTION (NON-FREEWAY)	ARTERIAL	URBAN (SUBURBAN)	LEVEL	FULL/PARTIAL
S.R. 62 NORTH OF S.R. 265 SB	LINE "LS-4"	20400	2350	7	6	45					
S.R. 62 SOUTH OF S.R. 265 NB	LINE "LS-4"	15500	1775	5	2	45					
S.R. 62 SOUTH OF S.R. 265 SB	LINE "LS-4"	15500	1575	4	4	45					
INTERCHANGE RAMPS											
S.R. 62 TO WB S.R. 265	RAMP "IR-1"	13400	1425	10	8	30-55	NEW CONSTRUCTION (FREEWAY)	INTERCHANGE RAMPS	URBAN	LEVEL	FULL
NB S.R. 62 TO WB S.R. 265	RAMP "IR-2"	3500	225	10	8	25					
EB S.R. 265 TO S.R. 62 NB	RAMP "IR-3"	9900	875	10	8	25-55					
EB S.R. 265 TO S.R. 62 SB	RAMP "IR-3s"	3500	325	9	7	25					
WB S.R. 265 TO S.R. 62	RAMP "IR-4"	4100	850	5	3	45-55					
WB S.R. 265 TO PORT RD.	RAMP "IR-5"	1800	325	45	31	35-55					
NB PORT RD. TO S.R. 62	RAMP "IR-6"	5500	1025	5	3	30-45					
WB S.R. 265 TO SB PORT RD.	RAMP "IR-7"	900	75	10	12	35-50					
EB S.R. 265 TO SB PORT RD.	RAMP "IR-8"	2700	300	27	28	30-50					
S.R. 62 TO EB S.R. 265	RAMP "IR-9"	5900	1175	3	3	30-55					
S.R. 62 TO SB PORT RD.	RAMP "IR-10"	500	125	4	4	30					
NB PORT RD. TO EB S.R. 265	RAMP "IR-11"	900	175	8	6	45					

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RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE _____

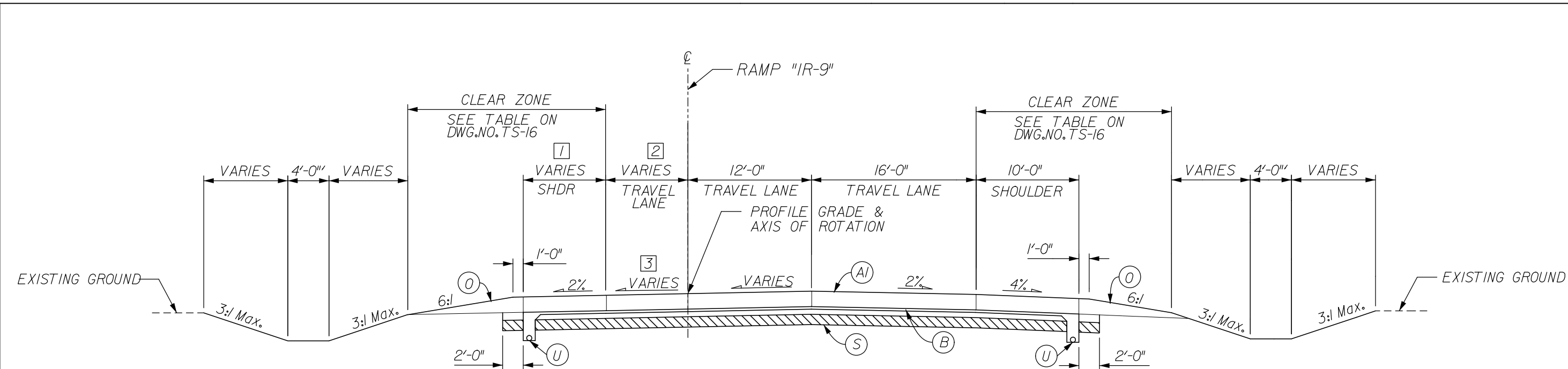
DESIGNED: TLH DRAWN: TLH

CHECKED: CJO CHECKED: CJO

INDIANA DEPARTMENT OF TRANSPORTATION

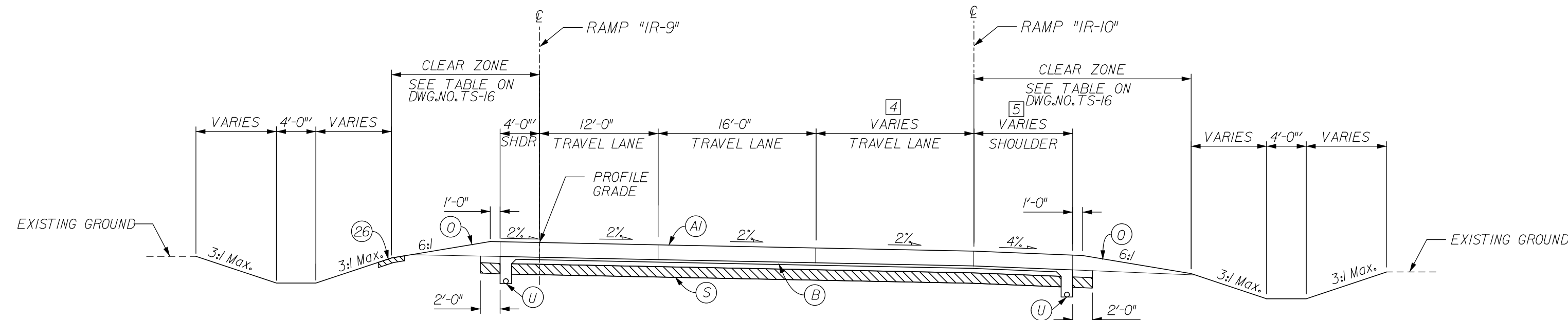
INDEX SHEET

HORIZONTAL SCALE	BRIDGE FILE	
NA	265-10-9557	
VERTICAL SCALE	DESIGNATION	
NA	100517	
SURVEY BOOK	DWG. NO.	SHEET NO.
	IX-01	2 of 15
CONTRACT	PROJECT	
	0810244	



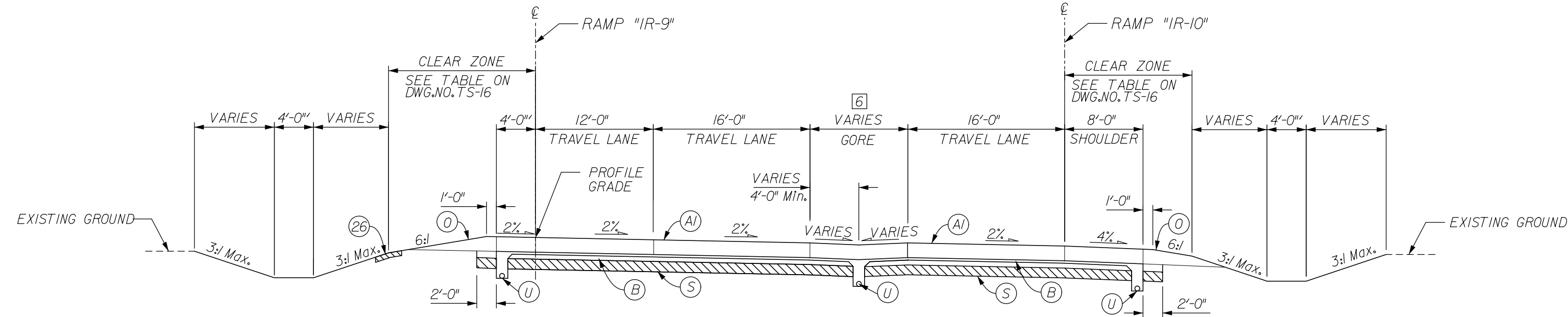
RAMP IR-9 - SUPERELEVATED
STA. 902+89.16 TO STA. 904+88.96 RAMP "IR-9"

- 1 VARIES FROM 8'-0" @ STA. 902+89.16 TO 4'-0" @ STA. 904+88.96
- 2 VARIES FROM 4'-0" @ STA. 902+89.16 TO 0'-0" @ STA. 904+88.96
- 3 VARIES FROM 2.0% LT @ STA. 902+89.16 TO 2.0% RT @ STA. 903+86.12
CONSTANT 2.0% RT FROM STA. 903+86.12 TO STA. 904+88.96



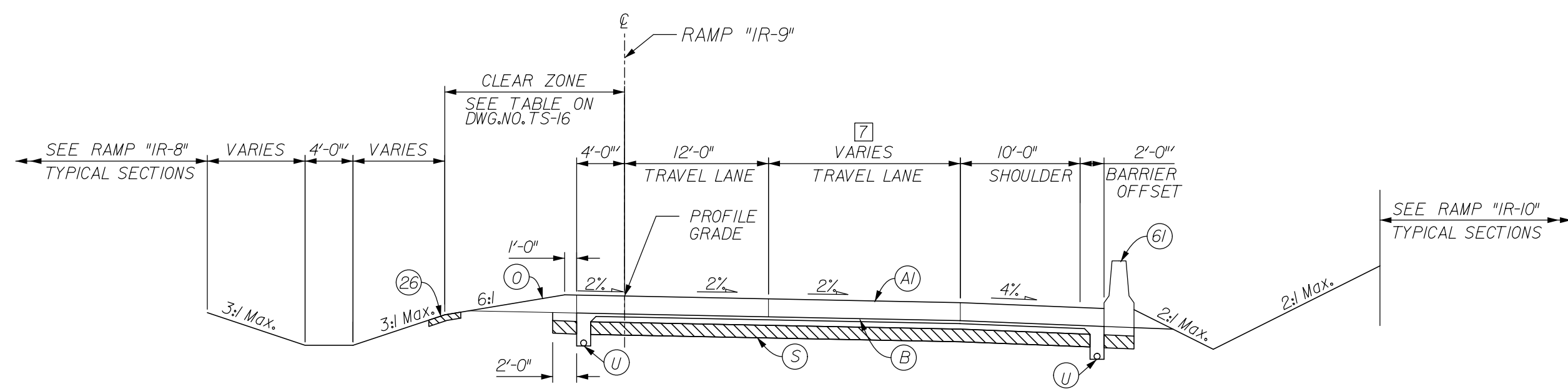
RAMP IR-9 - NORMAL CROWN
STA. 904+88.96 TO STA. 908+00.46 RAMP "IR-9"

- 4 VARIES FROM 0'-0" @ STA. 905+71.16 TO 20'-0" @ STA. 908+00.46
- 5 VARIES FROM 10'-0" @ STA. 905+71.16 TO 8'-0" @ STA. 905+93.67



RAMP IR-9 - NORMAL CROWN
STA. 908+00.46 TO STA. 910+29.06 RAMP "IR-9"

- 6 VARIES FROM 4'-0" @ STA. 908+00.46 TO 24'-0" @ STA. 910+29.06



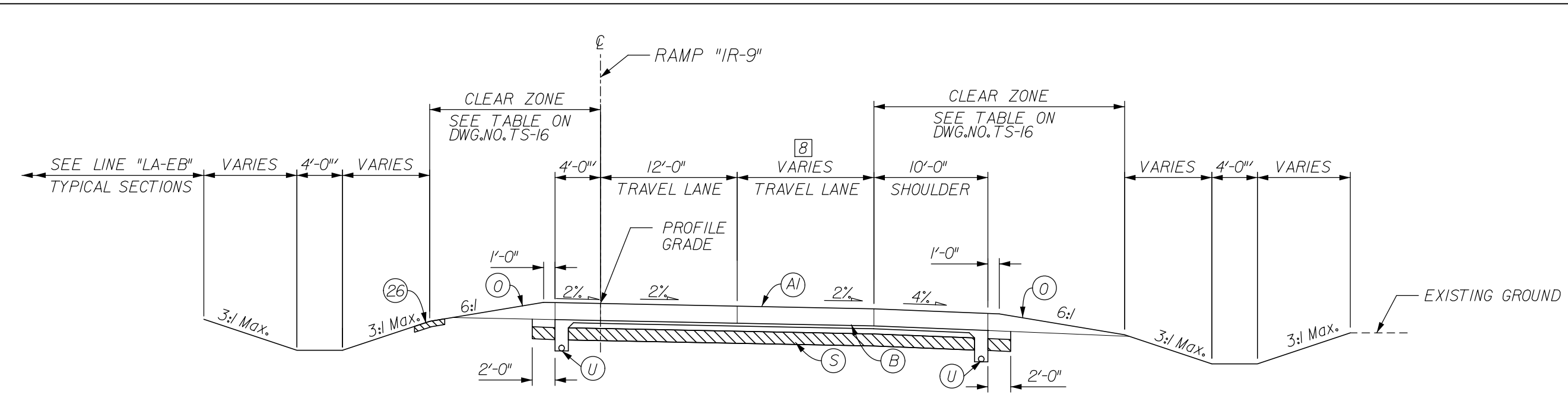
RAMP IR-9 - NORMAL CROWN
STA. 910+29.06 TO STA. 915+21.92 RAMP "IR-9"

- 7 CONSTANT 16'-0" FROM STA. 910+29.06 TO 911+78.08
VARIES FROM 16'-0" @ STA. 911+78.08 TO 12'-0" @ STA. 913+78.08
CONSTANT 12'-0" FROM STA. 913+78.08 TO 915+21.92

LEGEND

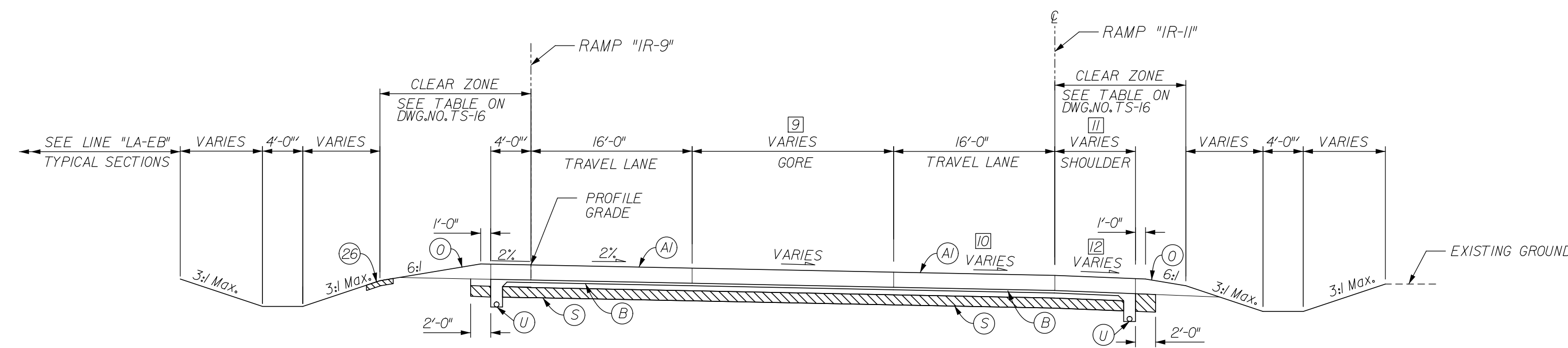
- (A) XX" OC/QA PAVEMENT (TO BE DETERMINED)
- (B) SUBBASE FOR PCCP
- (C) COARSE AGGREGATE, NO. 8
- (D) VARIABLE DEPTH COMPACTED AGGREGATE, NO. 53
- (S) SUBGRADE TREATMENT, TYPE xx
- (U) UNDERDRAIN, 6"
- (6) CONCRETE BARRIER, 33"
- (67) CONCRETE BARRIER, 54", MODIFIED
- (70) M.S.E. RETAINING WALL
- (71) REINFORCED CONCRETE MOMENT SLAB, XX"
- (72) W-BEAM GUARDRAIL

FOR INFORMATION ONLY



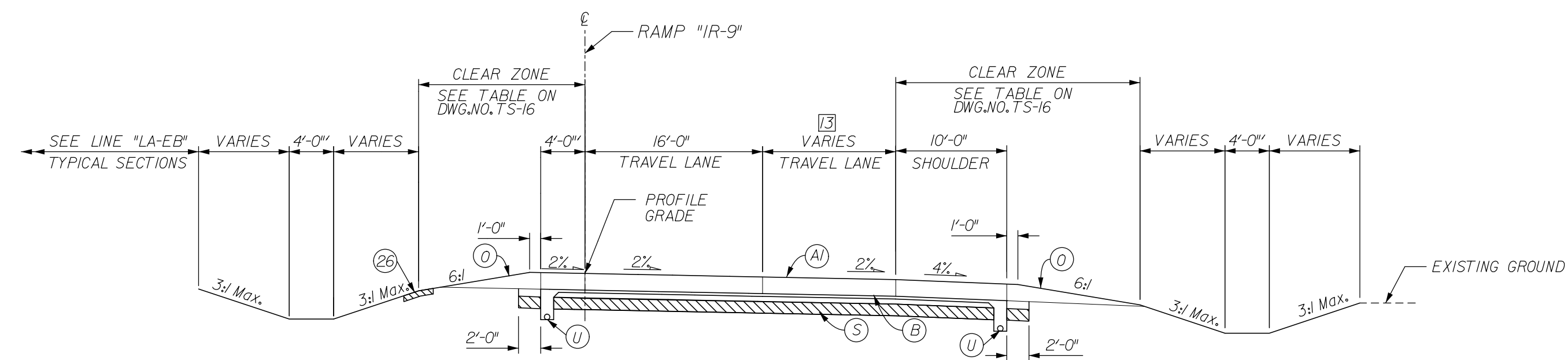
RAMP IR-9 - NORMAL CROWN
STA. 915+21.92 TO STA. 923+60.53 RAMP "IR-9"
(PAVING EXCEPTION FROM STA. 917+15.88 TO STA. 918+49.00 "1B-9")

- 8 CONSTANT 12'-0" FROM STA. 915+21.92 TO STA. 919+40.00
VARIES FROM 12'-0" @ STA. 919+40.00 TO 4'-0" @ STA. 923+00.00
CONSTANT 4'-0" FROM STA. 923+00.00 TO STA. 923+60.53



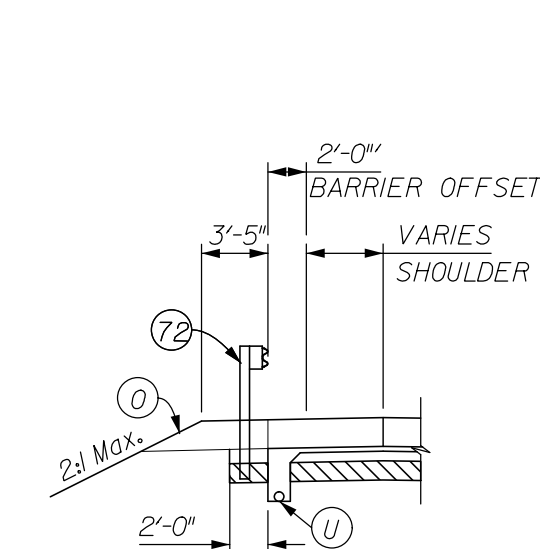
RAMP IR-9 - NORMAL CROWN
STA. 923+60.53 TO STA. 925+79.50 RAMP "IR-9"

- 9 VARIES FROM 20'-0" @ STA. 923+60.53 TO 2'-0" @ STA. 925+79.50
- 10 VARIES FROM 8.0% @ STA. 924+00.00 TO 2.0% @ STA. 925+79.50
- 11 CONSTANT 8'-0" FROM STA. 923+60.53 TO STA. 924+30.64
VARIES FROM 8'-0" @ STA. 924+30.64 TO 10'-0" @ STA. 925+79.50
- 12 VARIES FROM 8.0% @ STA. 924+30.64 TO 4.0% @ STA. 925+06.51
CONSTANT 4.0% FROM STA. 925+06.51 TO STA. 925+79.50

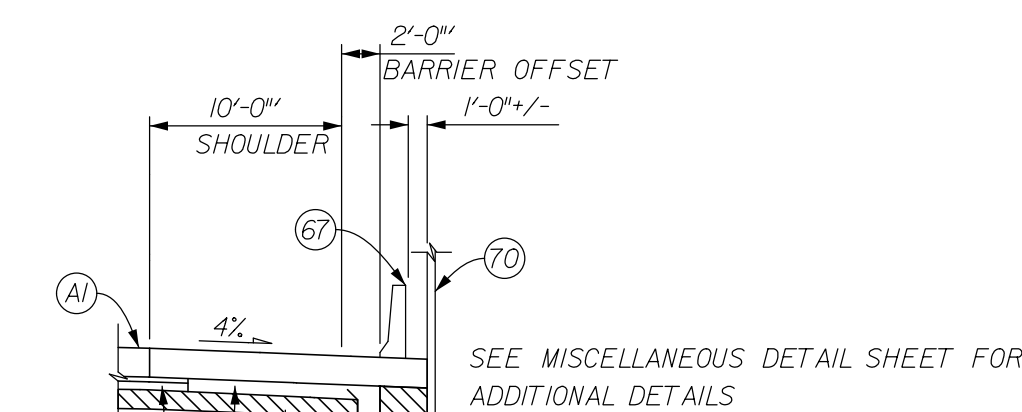


RAMP IR-9 - NORMAL CROWN
STA. 925+79.50 TO STA. 935+89.17 RAMP "IR-9"

- 13 VARIES FROM 18'-0" @ STA. 925+79.50 TO 12'-0" @ STA. 928+79.50
CONSTANT 12'-0" FROM STA. 928+79.50 TO STA. 931+79.50
VARIES FROM 12'-0" @ STA. 931+79.50 TO 0'-0" @ STA. 935+17.98
CONSTANT 0'-0" FROM STA. 935+17.98 TO STA. 935+89.17



TYPICAL GUARDRAIL SECTION
(REVERSE FOR RIGHT SIDE)
STA. 915+24.93 TO STA. 917+15.88 RAMP "IR-9" LT.
STA. 915+21.92 TO STA. 917+15.88 RAMP "IR-9" RT.



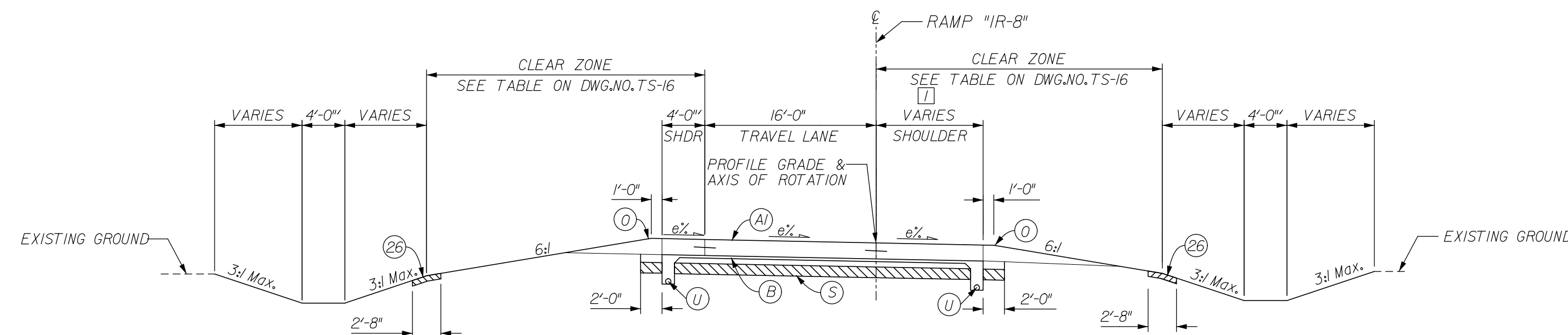
TYPICAL SHOULDER SECTION W/ BRIDGE RAIL 45" - RT.
STA. 913+99.00 TO STA. 915+21.92 RAMP "IR-9"

* SEE CROSS SECTIONS FOR SIDE SLOPES

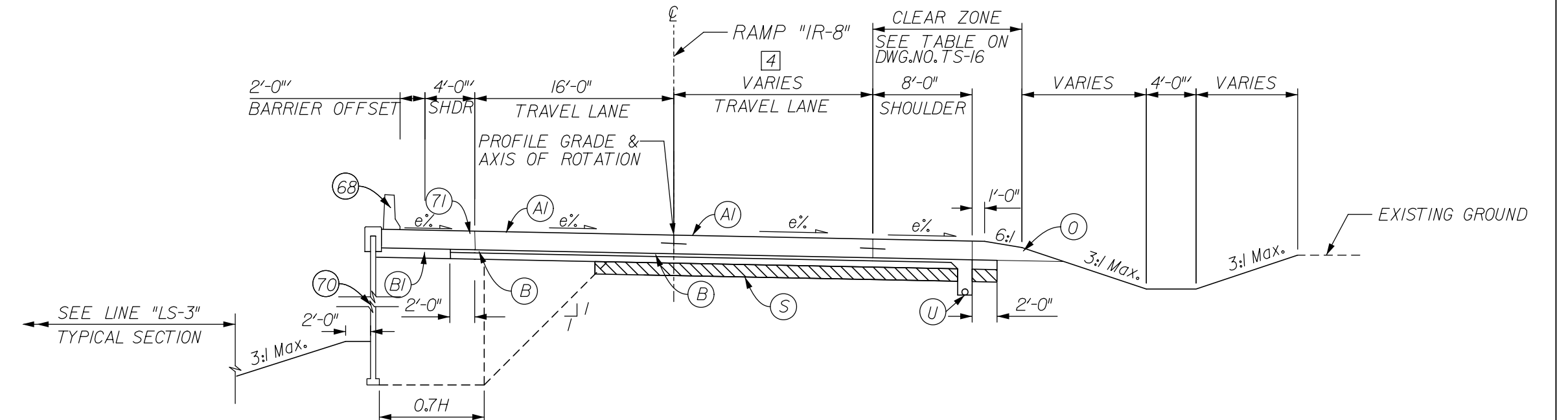
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JSB	DRAWN: EAK	
CHECKED: WSL	CHECKED: JSB	

INDIANA DEPARTMENT OF TRANSPORTATION	
TYPICAL CROSS SECTIONS RAMP "IR-9"	

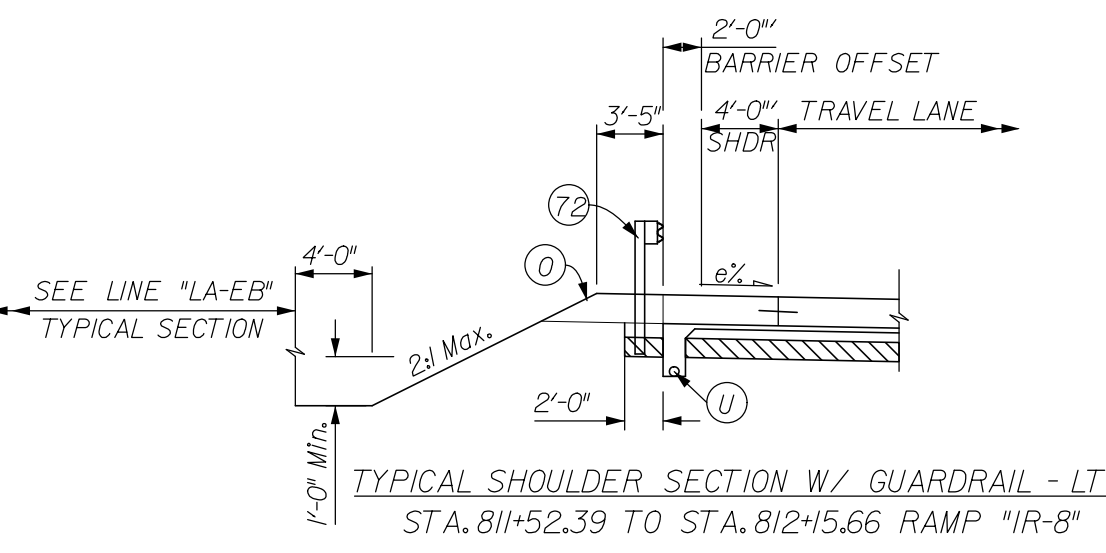
HORIZONTAL SCALE 1" = 10'	BRIDGE FILE 265-10-9557
VERTICAL SCALE N/A	DESIGNATION 1005117
SURVEY BOOK	DWG. NO. TS-09
	SHEET NO. 3 of 15
CONTRACT	PROJECT 0810244



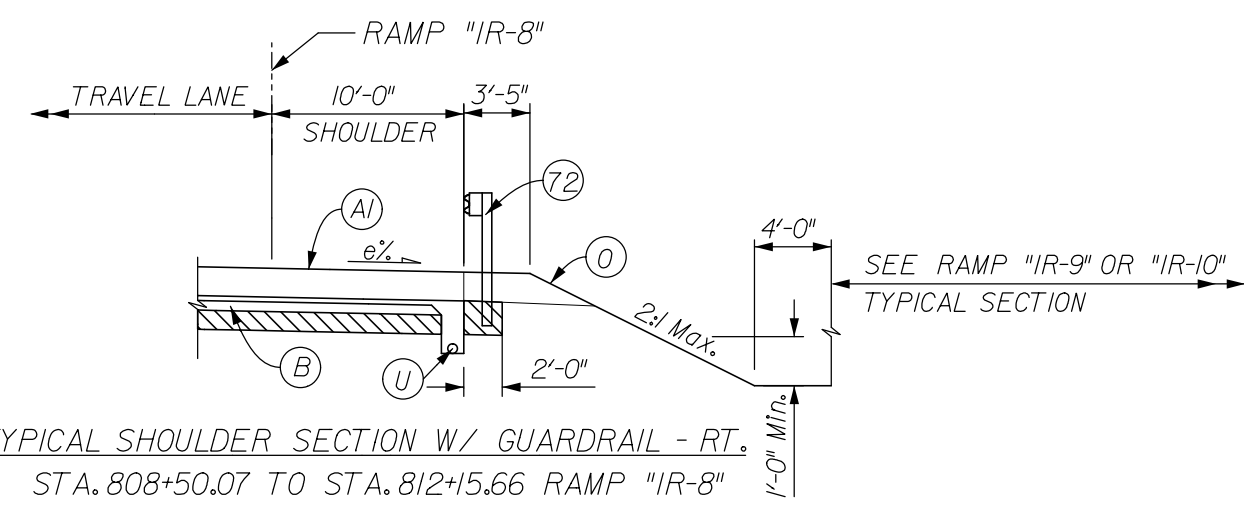
RAMP 'IR-8' - SUPERELEVATED
 STA. 808+50.00 TO STA. 815+46.69 RAMP 'IR-8' (emax = 8.0%)
 (PAVING EXCEPTION FROM STA. 812+5.66 TO STA. 813+94.96 'IB-10')
 [1] CONSTANT 10'-0" FROM STA. 808+50.00 TO STA. 813+94.96
 CONSTANT 8'-0" FROM STA. 813+94.96 TO STA. 815+46.69



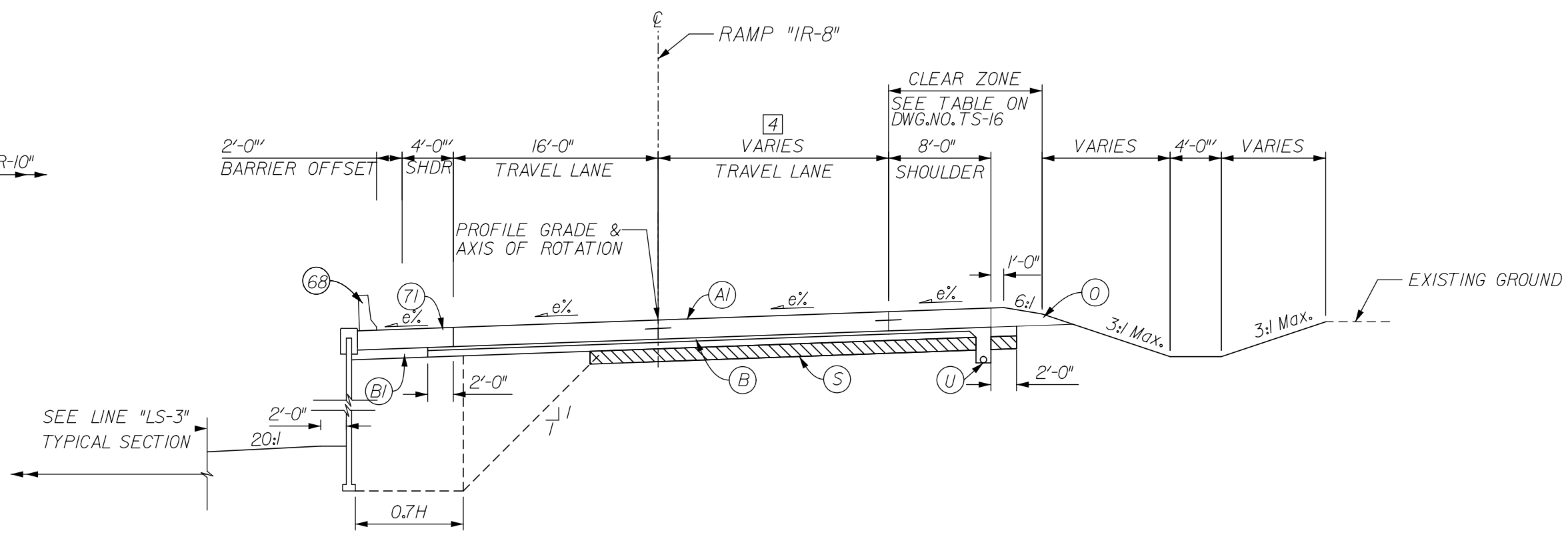
RAMP 'IR-8' - SUPERELEVATED
 STA. 817+35.02 TO STA. 818+91.47 RAMP 'IR-8' (emax = 8.0%) [4] VARIES FROM 18'-0" @ STA. 817+35.02 TO 12'-0" @ STA. 820+35.02
 CONSTANT 12'-0" FROM STA. 820+35.02 TO STA. 823+35.02
 VARIES FROM 12'-0" @ STA. 823+35.02 TO 0'-0" @ STA. 826+35.02



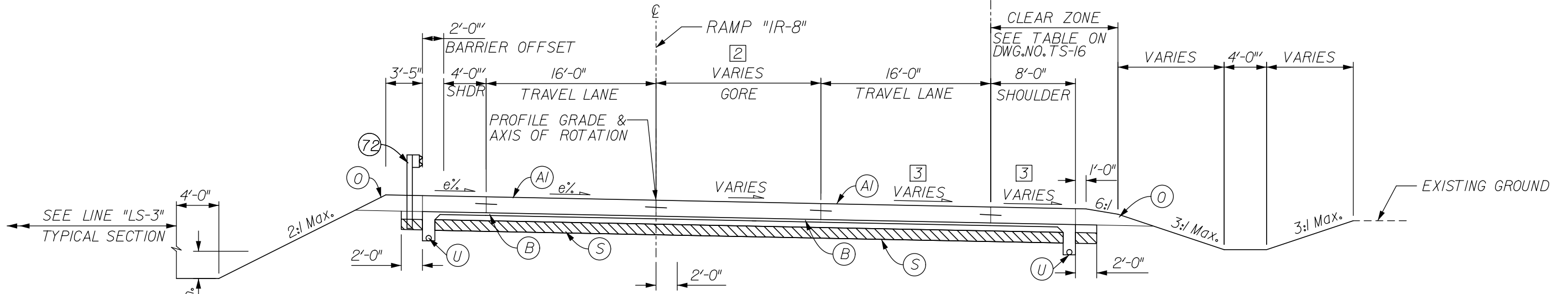
TYPICAL SHOULDER SECTION W/ GUARDRAIL - LT.
 STA. 811+52.39 TO STA. 812+5.66 RAMP 'IR-8'



TYPICAL SHOULDER SECTION W/ GUARDRAIL - RT.
 STA. 808+50.07 TO STA. 812+5.66 RAMP 'IR-8'

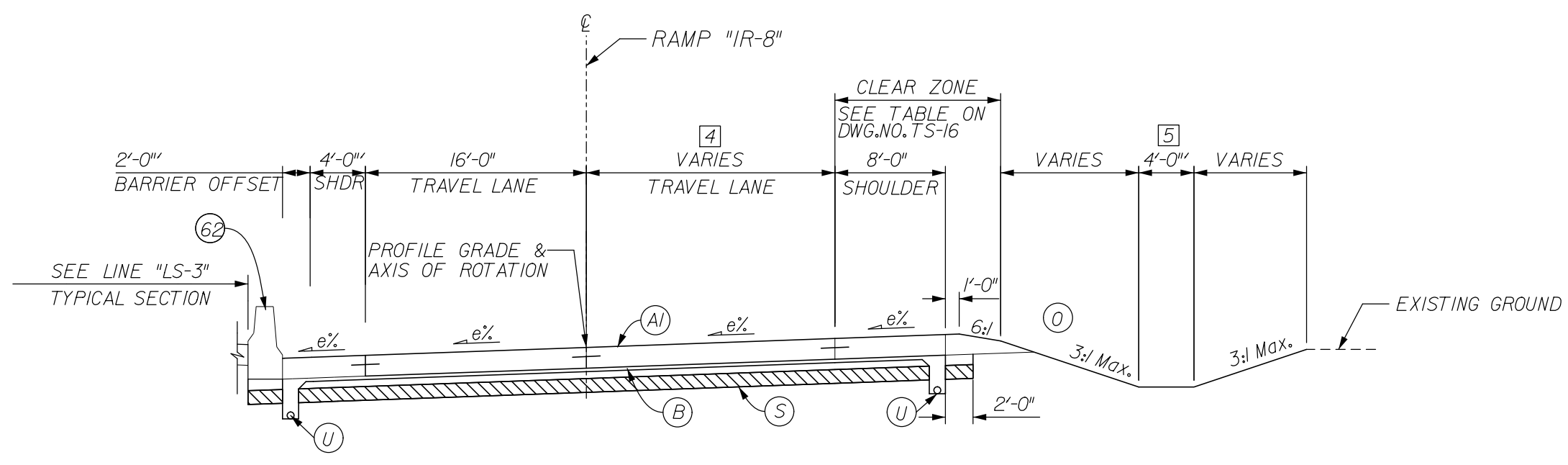


RAMP 'IR-8' - SUPERELEVATED
 STA. 818+91.47 TO STA. 821+00.00 RAMP 'IR-8' (emax = 3.6%)



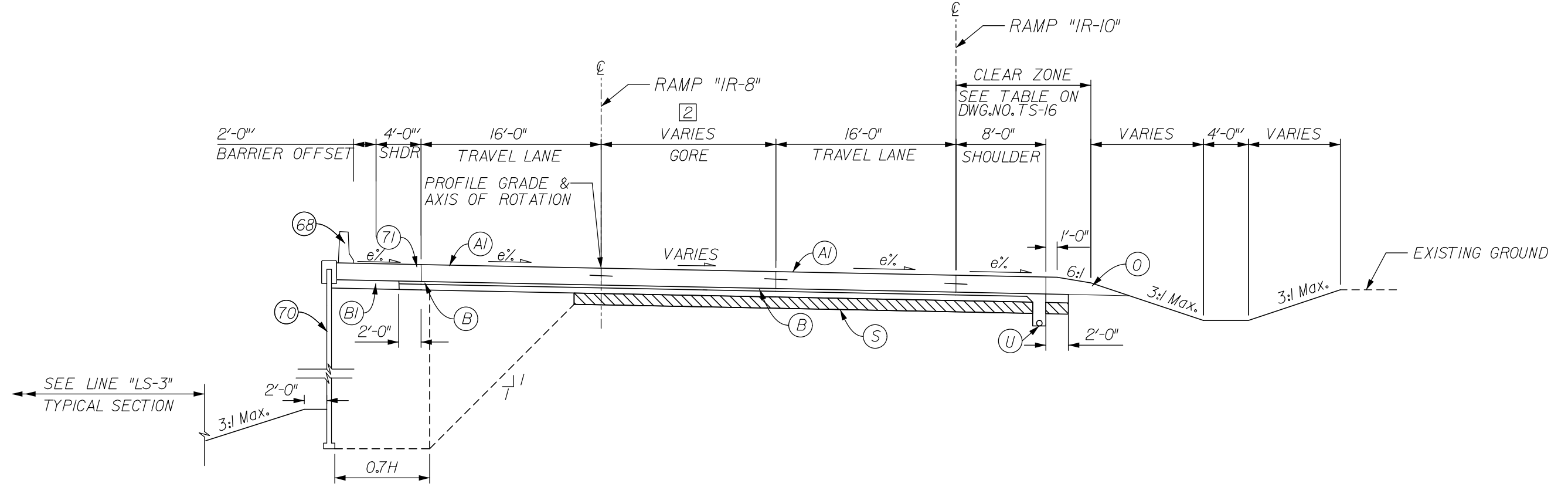
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 STA. 815+46.69 TO STA. 816+46.31 RAMP 'IR-8' (emax = 8.0%) [2] VARIES FROM 18'-0" @ STA. 815+46.69 TO 2'-0" @ STA. 817+35.02

[3] VARIES FROM 7.0% @ STA. 815+46.69 TO 8.0% @ STA. 816+91.3
 e% FROM STA. 816+91.3 TO STA. 816+46.31

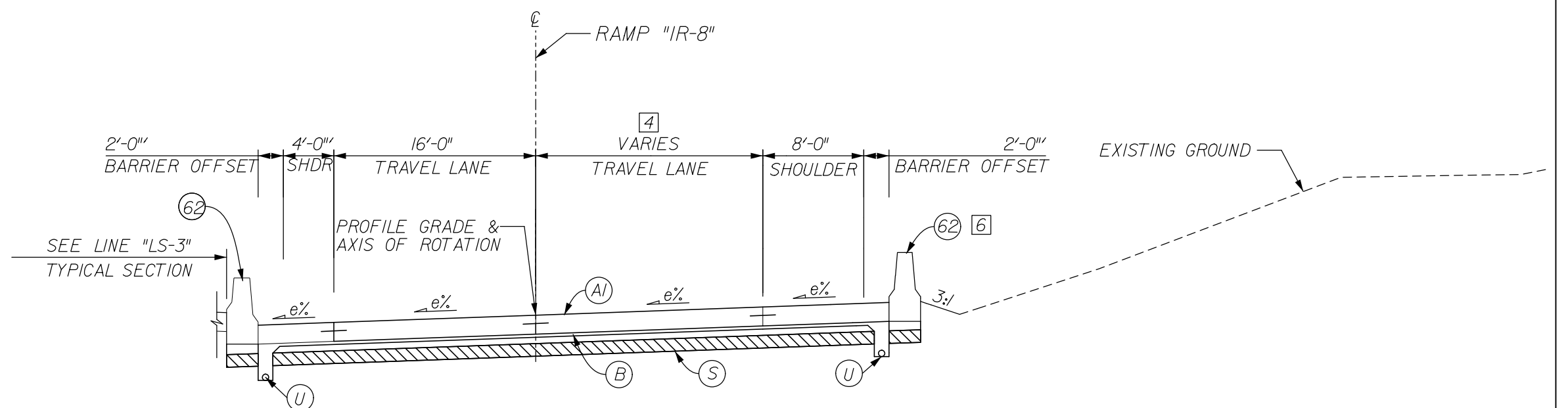


[5] CONSTANT 0'-0" FROM STA. 823+00.00 TO STA. 824+00.00

RAMP 'IR-8' - SUPERELEVATED
 STA. 821+00.00 TO STA. 824+00.00 RAMP 'IR-8' (emax = 3.6%)



RAMP 'IR-8' - SUPERELEVATED
 STA. 816+46.31 TO STA. 817+35.02 RAMP 'IR-8' (emax = 8.0%)



[6] NO BARRIER FROM STA. 826+00.00 TO STA. 826+10.29

RAMP 'IR-8' - SUPERELEVATED
 STA. 824+00.00 TO STA. 826+10.29 RAMP 'IR-8' (emax = 3.6%)

LEGEND

- (A) XX" OC/QA PAVEMENT (TO BE DETERMINED)
- (B) SUBBASE FOR PCCP
- (C) COARSE AGGREGATE, NO. 8
- (D) VARIABLE DEPTH COMPACTED AGGREGATE, NO. 53
- (S) SUBGRADE TREATMENT, TYPE xx
- (U) UNDERDRAIN, 6"
- (26) SODDING, NURSERY
- (62) CONCRETE BARRIER, 33", MODIFIED
- (68) RAILING, CONCRETE FC
- (70) M.S.E. RETAINING WALL
- (71) REINFORCED CONCRETE MOMENT SLAB, XX"
- (72) W-BEAM GUARDRAIL

FOR INFORMATION ONLY

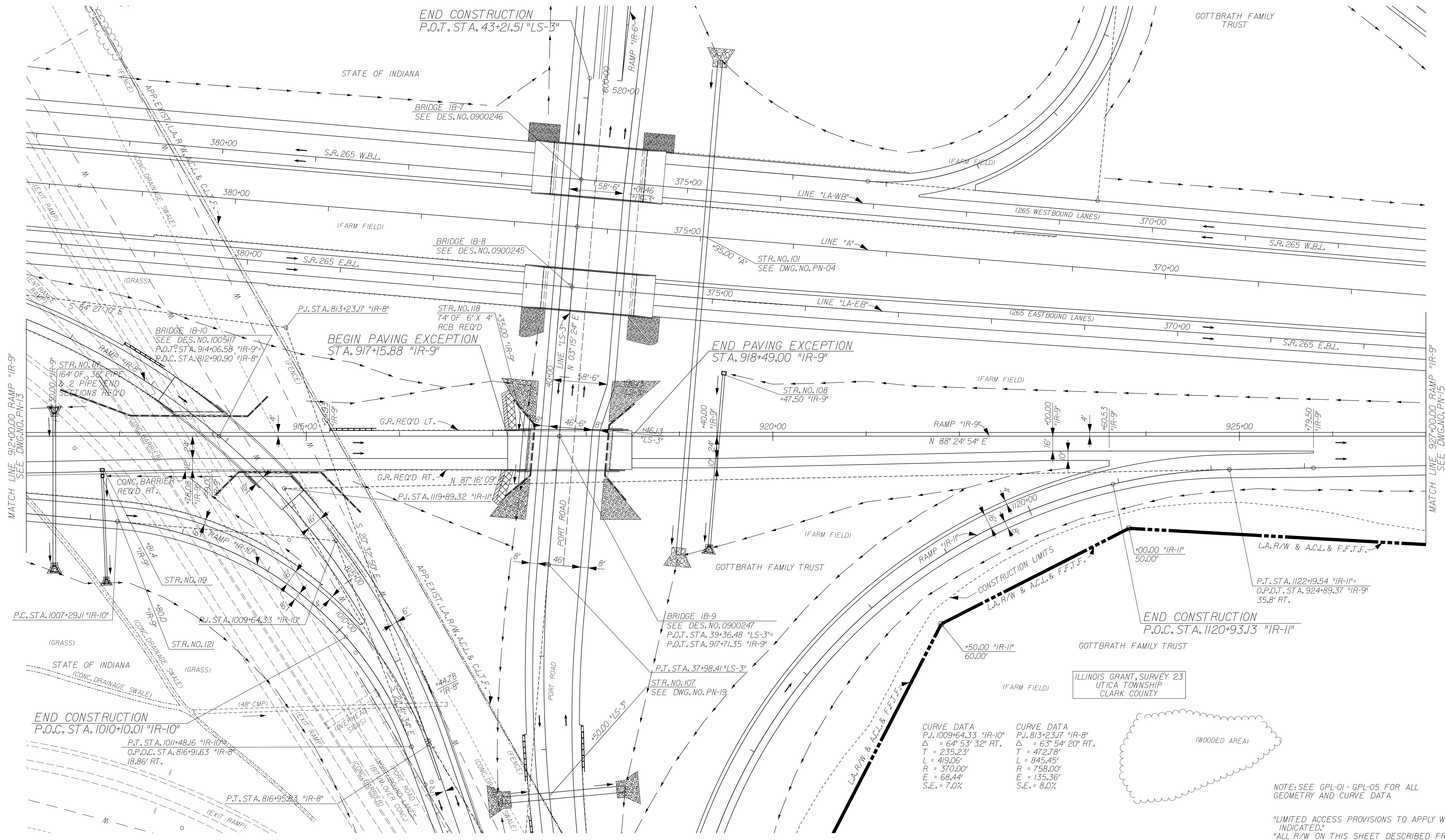
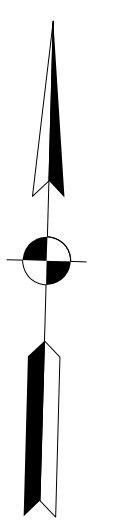
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED:	JSB	DRAWN:
CHECKED:	WSL	CHECKED:
		JSB

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
RAMP "IR-8"

* SEE CROSS SECTIONS FOR SIDE SLOPES	
HORIZONTAL SCALE	BRIDGE FILE
P = 10'	265-10-9557
VERTICAL SCALE	DESIGNATION
N/A	1005117
SURVEY BOOK	DWG. NO.
	TS-0B
	SHEET NO.
	4 of 15
CONTRACT	PROJECT
	0810244

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END CONSTRUCTION
P.O.T. STA. 43+21.51 "LS-3"

BEGIN PAVING EXCEPTION
STA. 917+15.88 "IR-9"

END PAVING EXCEPTION
STA. 918+49.00 "IR-9"

END CONSTRUCTION
P.O.C. STA. 1120+93.13 "IR-II"

CURVE DATA
P.I. 1009+64.33 "IR-10"
Δ = 64° 53' 32" RT.
T = 235.23'
L = 419.06'
R = 370.00'
E = 68.44'
S.E. = 7.0%

CURVE DATA
P.I. 813+23.17 "IR-8"
Δ = 63° 54' 20" RT.
T = 472.78'
L = 845.45'
R = 758.00'
E = 135.36'
S.E. = 8.0%

NOTE: SEE GPL-01 - GPL-05 FOR ALL GEOMETRY AND CURVE DATA

"LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED."
"ALL R/W ON THIS SHEET DESCRIBED FROM LINE "A" EXCEPT AS SHOWN."
"GROUP 1 POSTS REQUIRED FOR F.F.T.F."

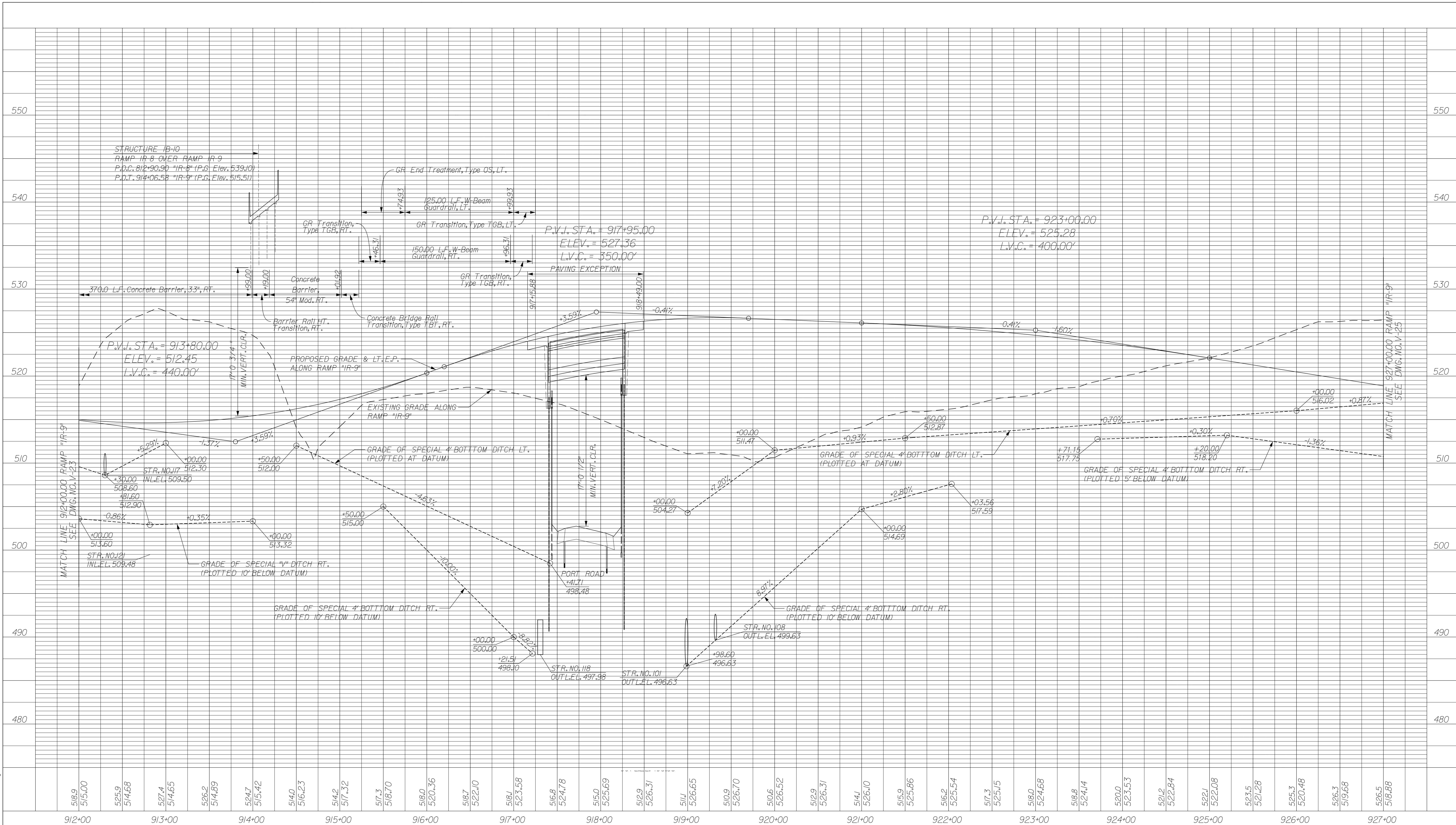
FOR INFORMATION ONLY

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JMT	DRAWN: EAK	
CHECKED: WSL	CHECKED: JSB	

INDIANA
DEPARTMENT OF TRANSPORTATION
PLAN SHEET
RAMP "IR-9"
STA. 912+00 TO STA. 927+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE 265-10-9557
VERTICAL SCALE N/A	DESIGNATION 100517
SURVEY BOOK	DWG. NO. PN-14
	SHEET NO. 5 of 15
CONTRACT	PROJECT 0810244

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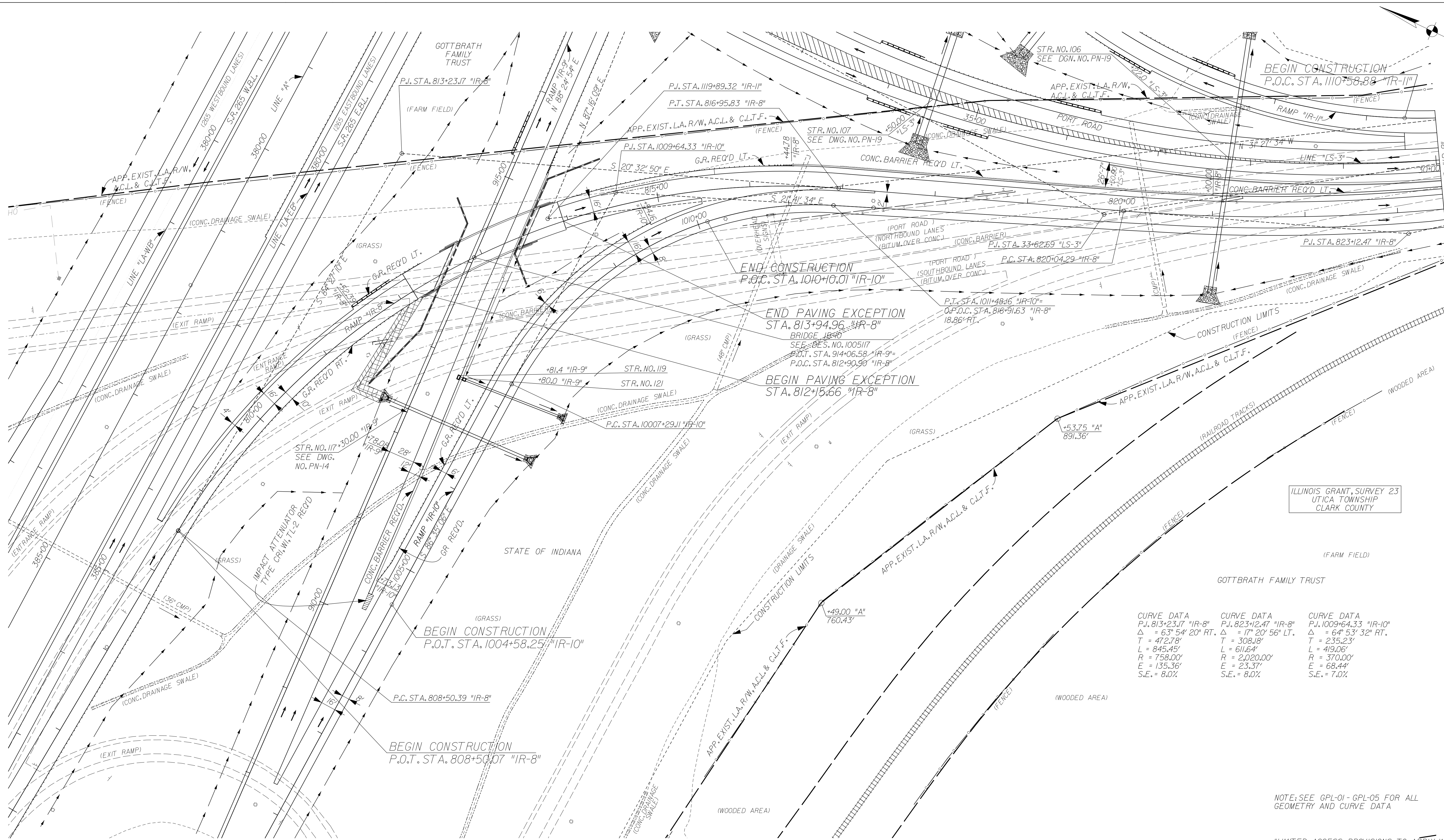
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FOR INFORMATION ONLY

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED:	JMT	DRAWN: EAK
CHECKED:	WSL	CHECKED: JSB

INDIANA
 DEPARTMENT OF TRANSPORTATION
 PROFILE SHEET
 RAMP "IR-9"
 STA. 912+00 TO STA. 927+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE 265-10-9557
VERTICAL SCALE 1" = 5'	DESIGNATION 1005117
SURVEY BOOK	DWG. NO. SHEET NO. V-24 6 of 15
CONTRACT	PROJECT 0810244



CURVE DATA	CURVE DATA	CURVE DATA
P.I. 813+23.17 "IR-8"	P.I. 823+12.47 "IR-8"	P.I. 1009+64.33 "IR-10"
$\Delta = 63^\circ 54' 20''$ RT.	$\Delta = 17^\circ 20' 56''$ LT.	$\Delta = 64^\circ 53' 32''$ RT.
T = 472.78'	T = 308.18'	T = 235.23'
L = 845.45'	L = 611.64'	L = 419.06'
R = 758.00'	R = 2,020.00'	R = 370.00'
E = 135.36'	E = 23.37'	E = 68.44'
S.E. = 8.0%	S.E. = 8.0%	S.E. = 7.0%

NOTE: SEE GPL-01 - GPL-05 FOR ALL GEOMETRY AND CURVE DATA

"LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED."
 "ALL R/W ON THIS SHEET DESCRIBED FROM LINE "A" EXCEPT AS SHOWN."
 "GROUP 1 POSTS REQUIRED FOR F.F.T.F."

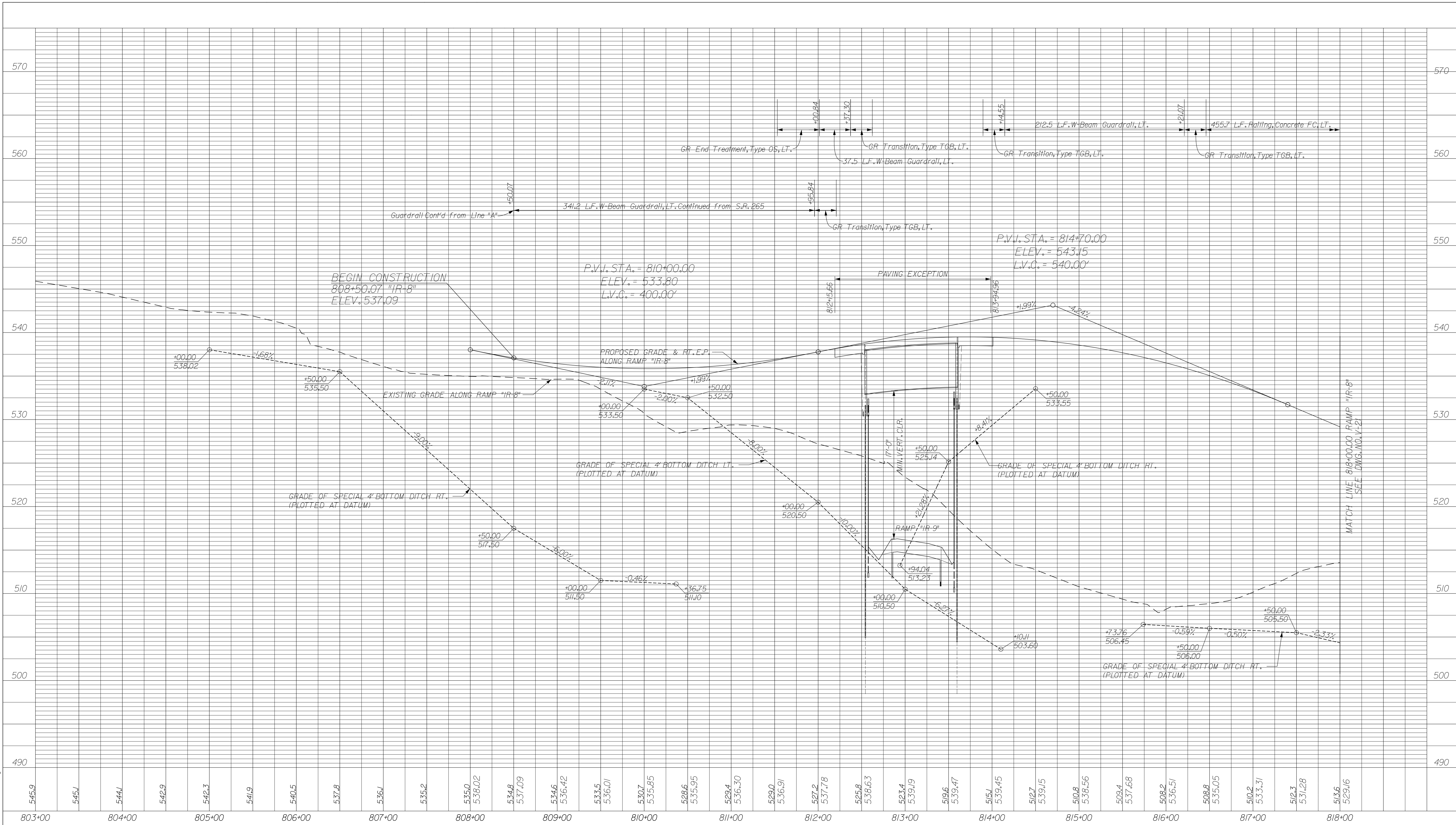
FOR INFORMATION ONLY

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JMT	DRAWN: EAK	
CHECKED: WSL	CHECKED: JSB	

INDIANA
 DEPARTMENT OF TRANSPORTATION
 PLAN SHEET
 RAMP "IR-8" & "IR-10"
 STA. 806+00 TO STA. 823+50

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE 265-10-9557
VERTICAL SCALE N/A	DESIGNATION 1005117
SURVEY BOOK	DWG. NO. SHEET NO. PN-12 7 of 15
CONTRACT	PROJECT 0810244

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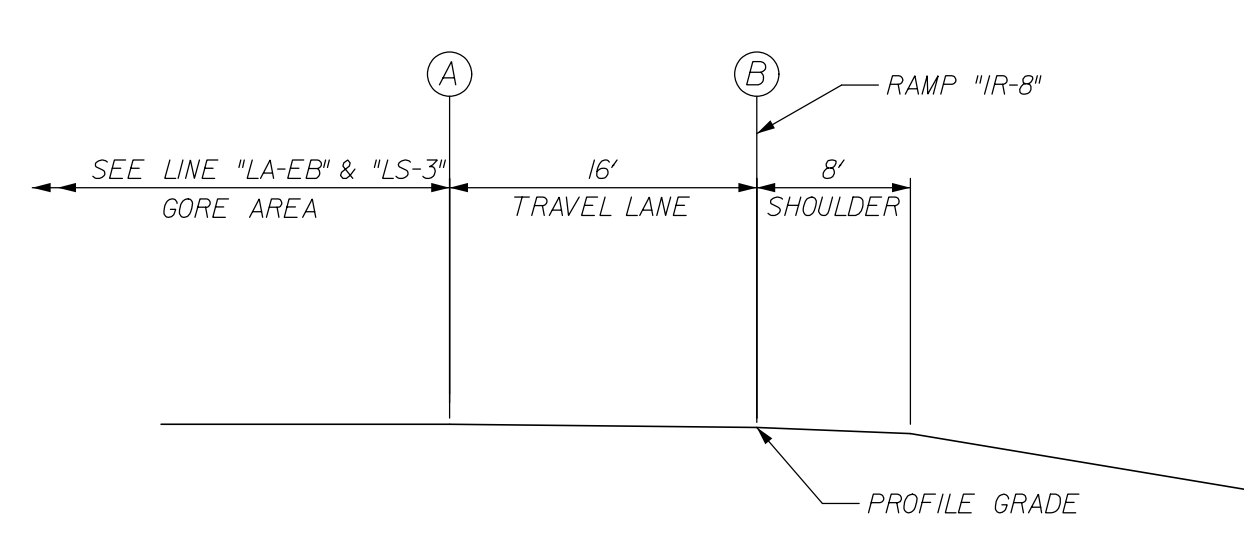
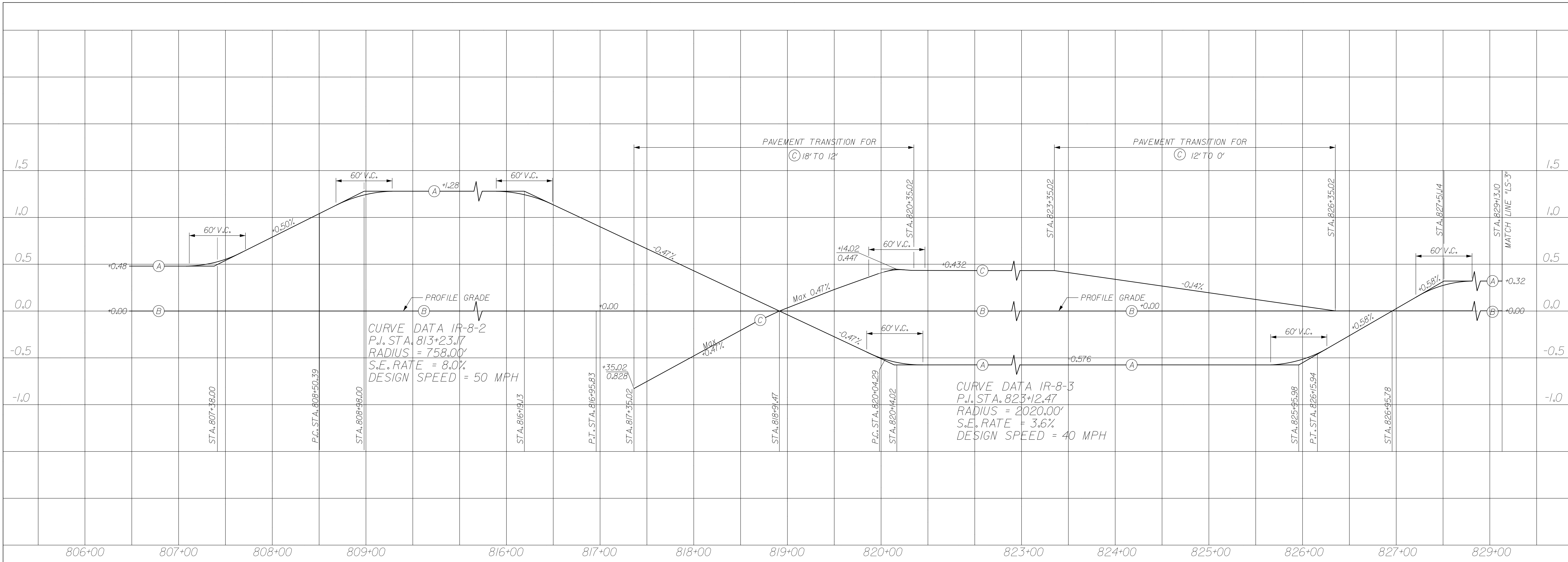
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FOR INFORMATION ONLY

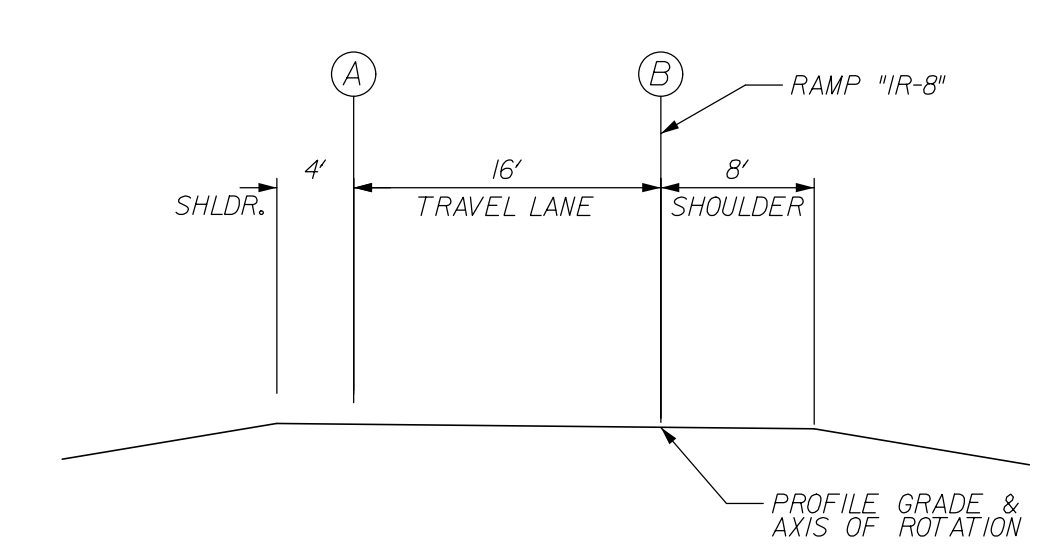
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JMT	DRAWN: EAK	
CHECKED: WSL	CHECKED: JSB	

INDIANA
 DEPARTMENT OF TRANSPORTATION
 PROFILE SHEET
 RAMP "IR-8"
 STA. 808+50.07 TO STA. 818+00

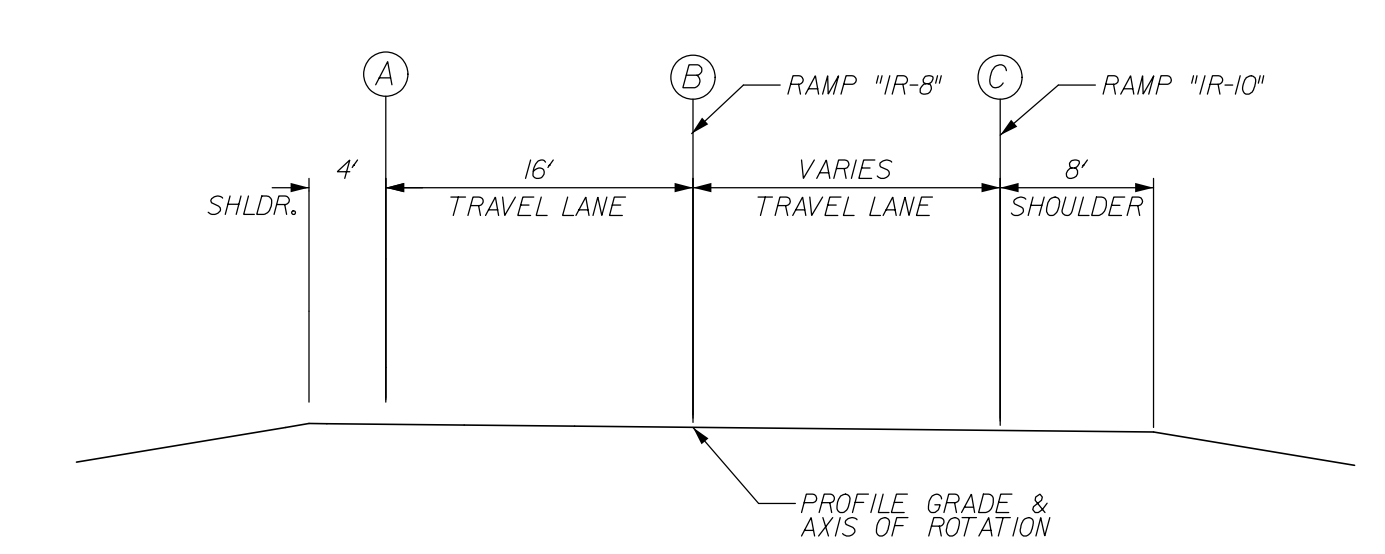
HORIZONTAL SCALE 1" = 50'	BRIDGE FILE 265-10-9557
VERTICAL SCALE 1" = 5'	DESIGNATION 1005117
SURVEY BOOK	DWG. NO. V-20
	SHEET NO. 8 of 15
CONTRACT	PROJECT 0810244



TYPICAL SECTION
 NOT TO SCALE
 STA. 807+38.00 TO STA. 808+50.39
 STA. 826+95.78 TO STA. 829+13.10



TYPICAL SECTION
 NOT TO SCALE
 STA. 808+50.39 TO STA. 817+35.02

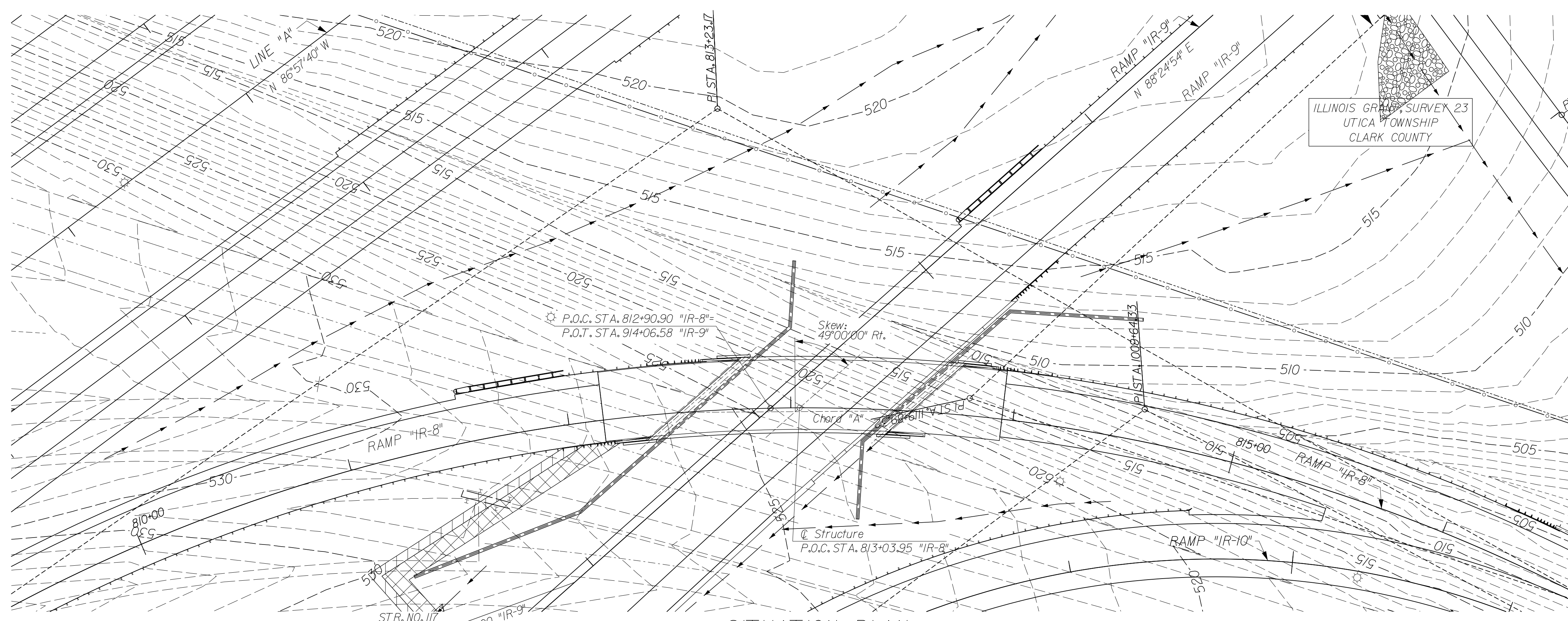


TYPICAL SECTION
 NOT TO SCALE
 STA. 817+35.02 TO STA. 829+13.10

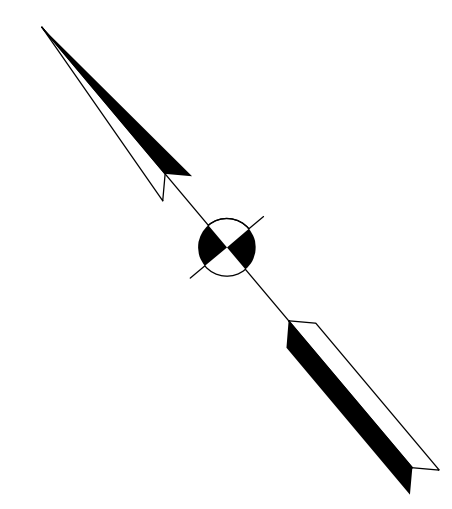
FOR INFORMATION ONLY

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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION SUPERELEVATION DIAGRAM RAMP "IR-8"	HORIZONTAL SCALE 1" = 50'		BRIDGE FILE 265-10-9557	
DESIGNED: JMT DRAWN: JMT			VERTICAL SCALE 1" = 0.5'		DESIGNATION 1005117	
CHECKED: WSL CHECKED: JSB			SURVEY BOOK		DWG. NO. SE-10	SHEET NO. 9 of 15
				CONTRACT		PROJECT 0810244



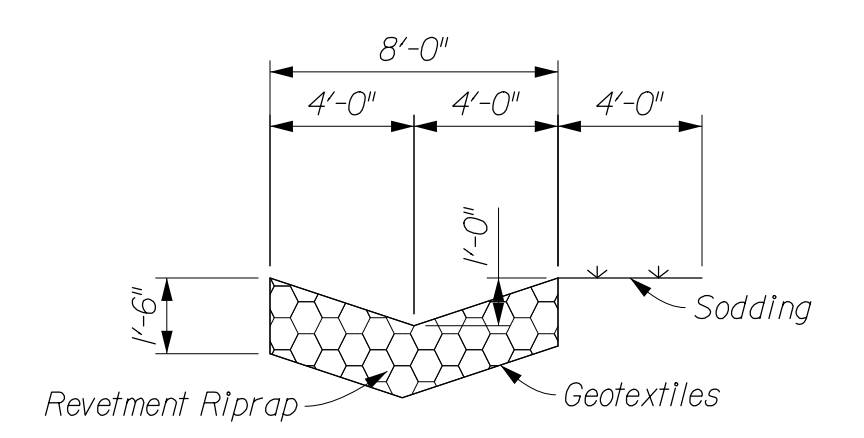
SITUATION PLAN
CONTOUR INTERVAL = 1'



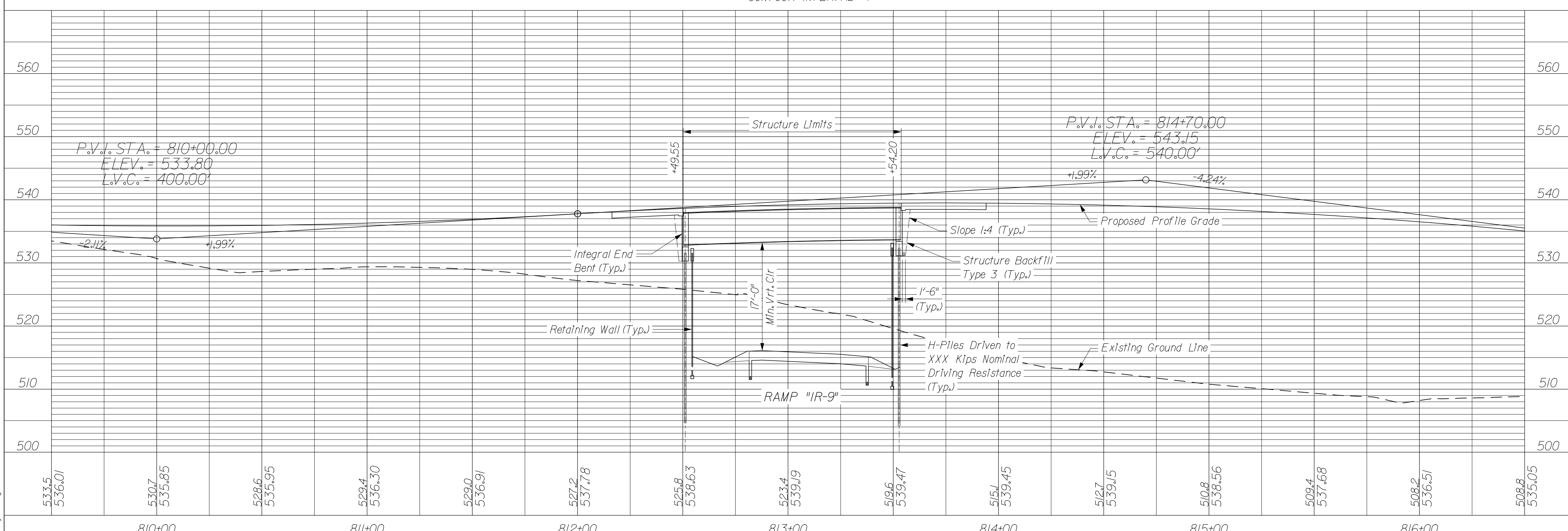
PRESENT STRUCTURE
None

UTILITIES
See Index Sheet

CURVE DATA
 PI 813+23.17 "IR-8"
 E 24,287.80
 Δ 63° 54' 20.40" (RT)
 R 758.00
 L 845.45
 T 472.78
 E 135.36
 SE = 8.0%



TYPICAL RIPRAP DRAINAGE TURNOUT SECTION
No Scale



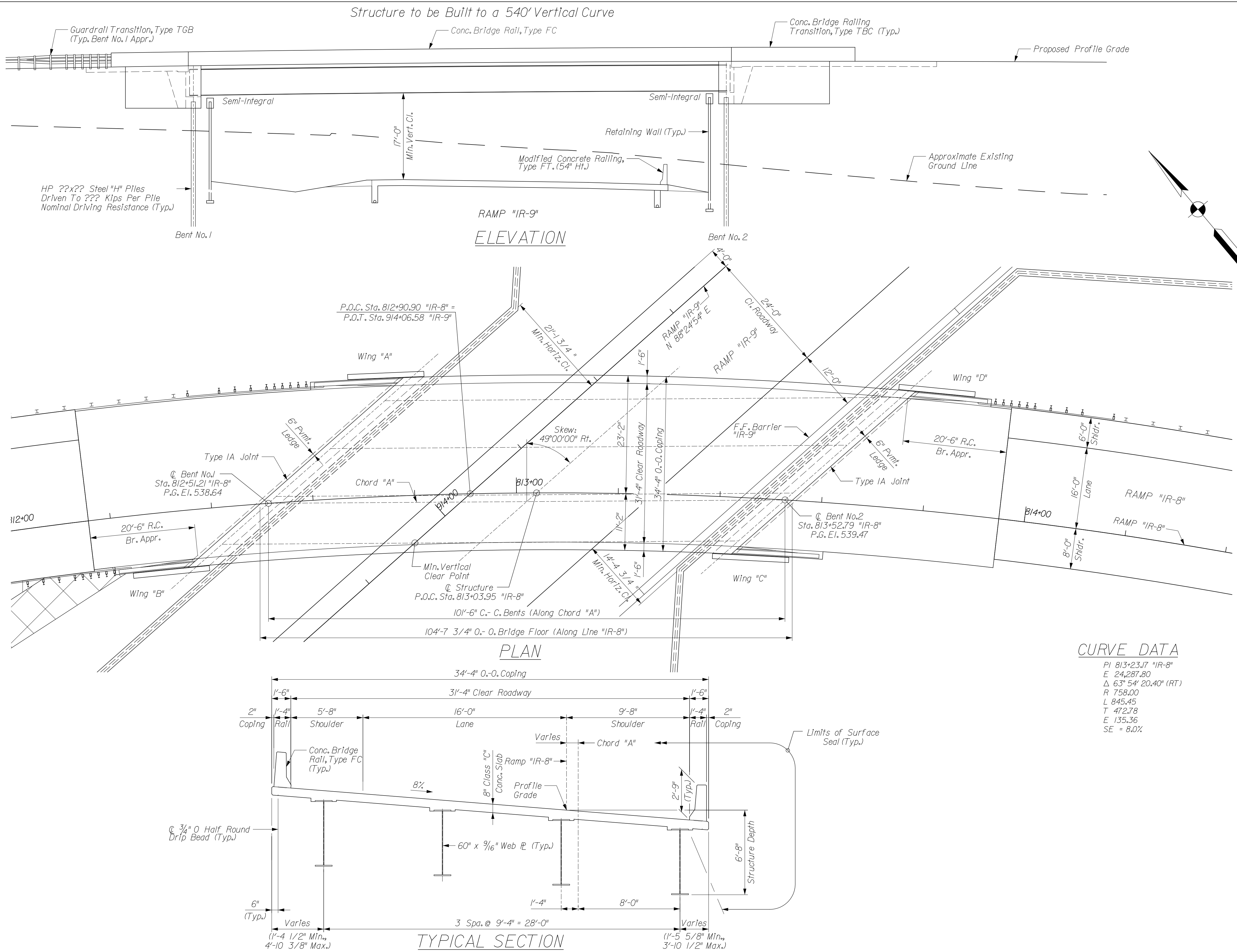
PROFILE ON PROPOSED RAMP "IR-8"

NOTES:
 All R/W on This Sheet is Described From Ramp "IR-9".
 For Guardrail Limits and Side Ditch Grades, See Road Plan and Profile Sheet.
 For Alignment References, Benchmarks and Topo References, See Road Plans.

LAYOUT
 COMPOSITE WELDED
 PLATE GIRDER BRIDGE
 1 SPAN AT 10'-6"
 SKEW: 49°00'00" RT.
 CLEAR ROADWAY: 31'-4"
 ON RAMP "IR-8" OVER RAMP "IR-9"

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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION LAYOUT RAMP "IR-8" OVER RAMP "IR-9"	HORIZONTAL SCALE 1" = 30'	BRIDGE FILE 265-10-9557
DESIGNED: MBS	DRAWN: TLH		VERTICAL SCALE 1" = 10'	DESIGNATION 1005117
CHECKED: RMC	CHECKED: CJO		SURVEY BOOK	DWG. NO. SHEET NO. LY-01 10 of 15
			CONTRACT	PROJECT 0810244



GENERAL NOTES

Reinforcing steel covering to be 2 1/2" in the top and 1" minimum in the bottom of floor slabs, 3" in the footings except the bottom steel which shall be 4", and 2" in all other parts, unless noted.

DESIGN DATA

LIVE LOAD: Superstructure and substructure designed for HL-93 loading, in accordance with the AASHTO LRFD Bridge Design Specifications, Fifth Edition, 2010, and Interim Revisions.

DEAD LOAD: Actual Weight plus 35 Lbs./Sft. for future wearing surface and 15 Lbs./Sft. for permanent metal deck forms.

FLOOR SLAB: Designed for 32,000 Lbs. axle load impact with a structural depth of 7 1/2".

UNIT STRESSES: Reinforcing Steel, Fy = 60,000 psi
Concrete Class B, f'c = 3,000 psi
Concrete Class A, f'c = 3,500 psi
Concrete Class C, f'c = 4,000 psi

CONSTRUCTION LOADING

The exterior girder has been checked for strength, deflection, and overturning using the construction loads shown below. Cantilever overhang brackets were assumed for support of the deck overhang past the edge of the exterior girder. The finishing machine was assumed to be supported 6' outside the vertical coping form. The top overhang brackets were assumed to be located 6' past the edge of the vertical coping form. The bottom overhang brackets were assumed to be braced against the intersection of the girder bottom flange and web.

DESIGN DATA

DECK FALSEWORK LOADS: Designed for 15 Lbs./Sft. for permanent metal stay-in-place deck forms, removable deck forms, and 2' exterior walkway.

CONSTRUCTION LIVE LOAD: Designed for 20 Lbs./Sft. extending 2' past the edge of coping and 75 Lbs./Ft. vertical force applied at a distance of 6' outside the face of coping over a 30' length of the deck centered with the finishing machine.

FINISHING-MACHINE LOAD: 4500 Lbs. distributed over 10' along the coping.

WIND LOAD: Designed for 70 mph horizontal wind loading of 50 Lbs./Sft. in accordance with AASHTO Guide Design Specifications for Bridge Temporary Works (1995), Figure 2.1.

CURVE DATA

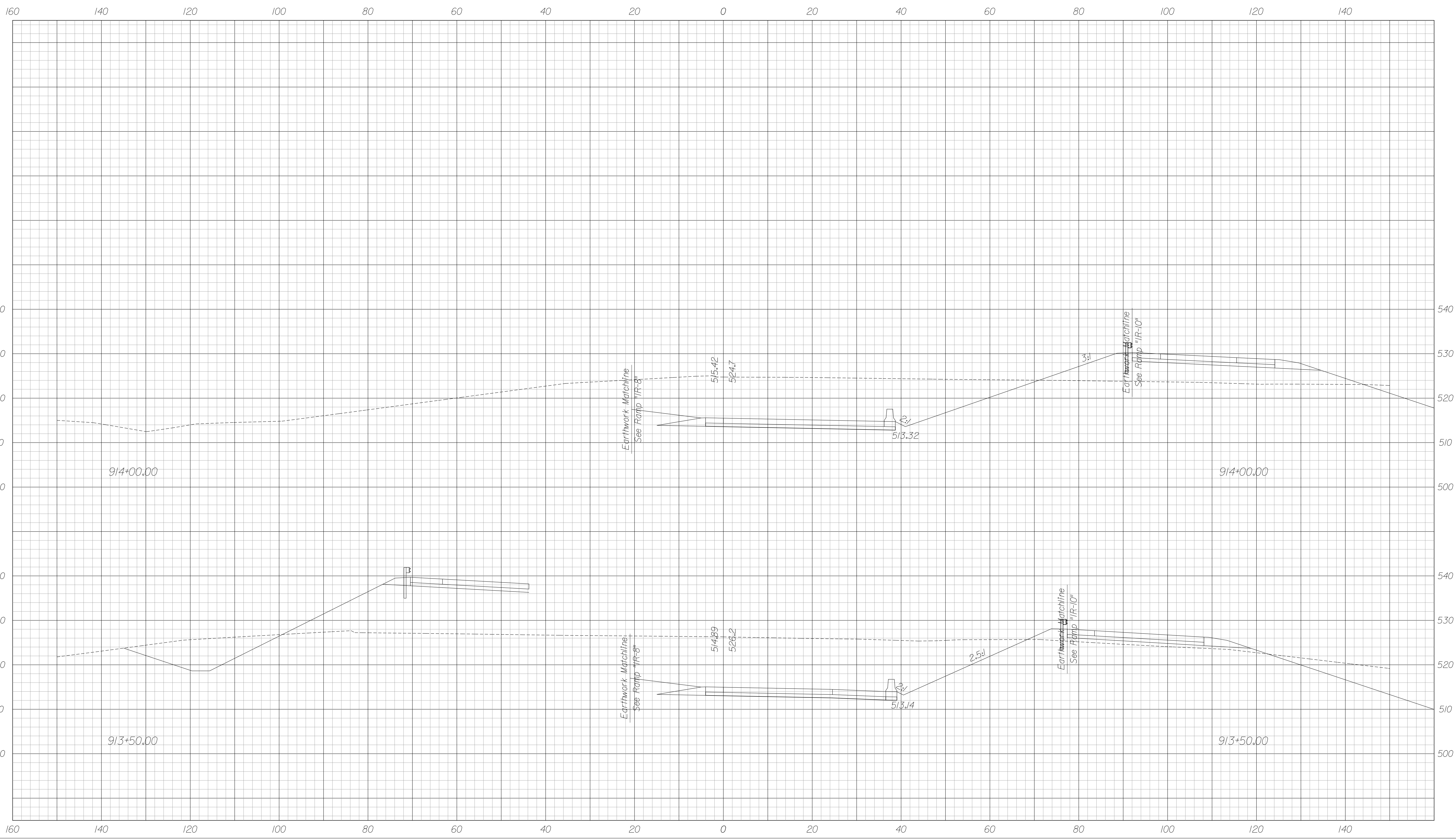
PI	813+23.17 "IR-8"
E	24,287.80
Δ	63° 54' 20.40" (RT)
R	758.00
L	845.45
T	472.78
E	135.36
SE	= 8.0%

GENERAL PLAN
COMPOSITE WELDED
PLATE GIRDER BRIDGE

1 SPAN AT 101'-6"
SKEW: 49°00'00" RT.
CLEAR ROADWAY: 31'-4"
ON RAMP "IR-8" OVER RAMP "IR-9"

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER		DATE		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE	
	DESIGNED: MBS		DRAWN: TLH			VERTICAL SCALE	DESIGNATION	
CHECKED: RMC	CHECKED: CJO				GENERAL PLAN RAMP "IR-8" OVER RAMP "IR-9"	SURVEY BOOK	DWG. NO.	SHEET NO.
						CONTRACT	PROJECT	11 of 15
							0810244	

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FOR INFORMATION ONLY

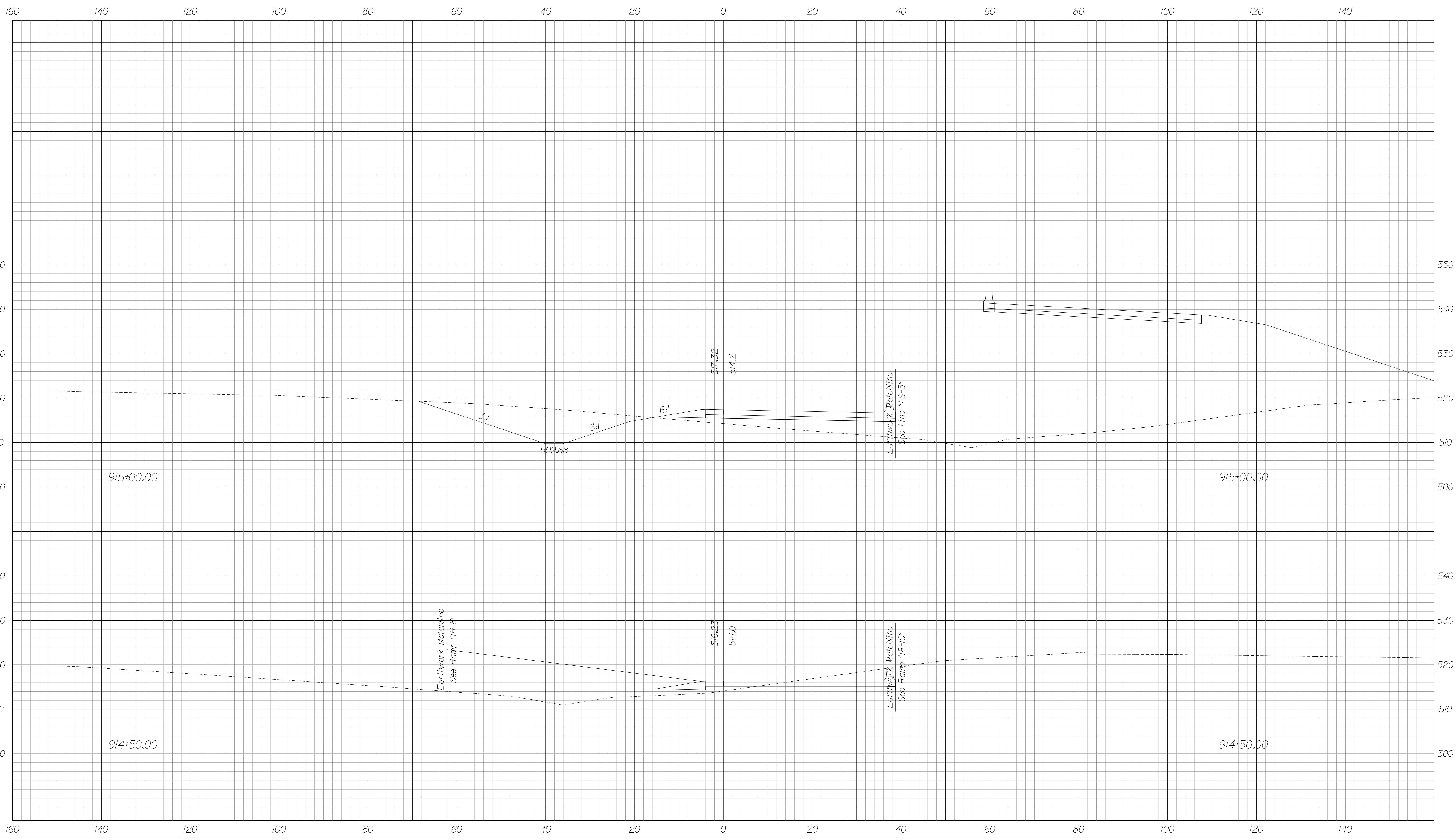
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JSB	DRAWN: MRS	
CHECKED: WSL	CHECKED: JSB	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP "IR-9"
STA. 9/3+50.00 TO 9/4+00.00

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE 265-10-9557	
VERTICAL SCALE 1" = 10'	DESIGNATION 1005117	
SURVEY BOOK	DWG. NO. XS-11	SHEET NO. 12 of 15
CONTRACT	PROJECT 0810244	

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FOR INFORMATION ONLY

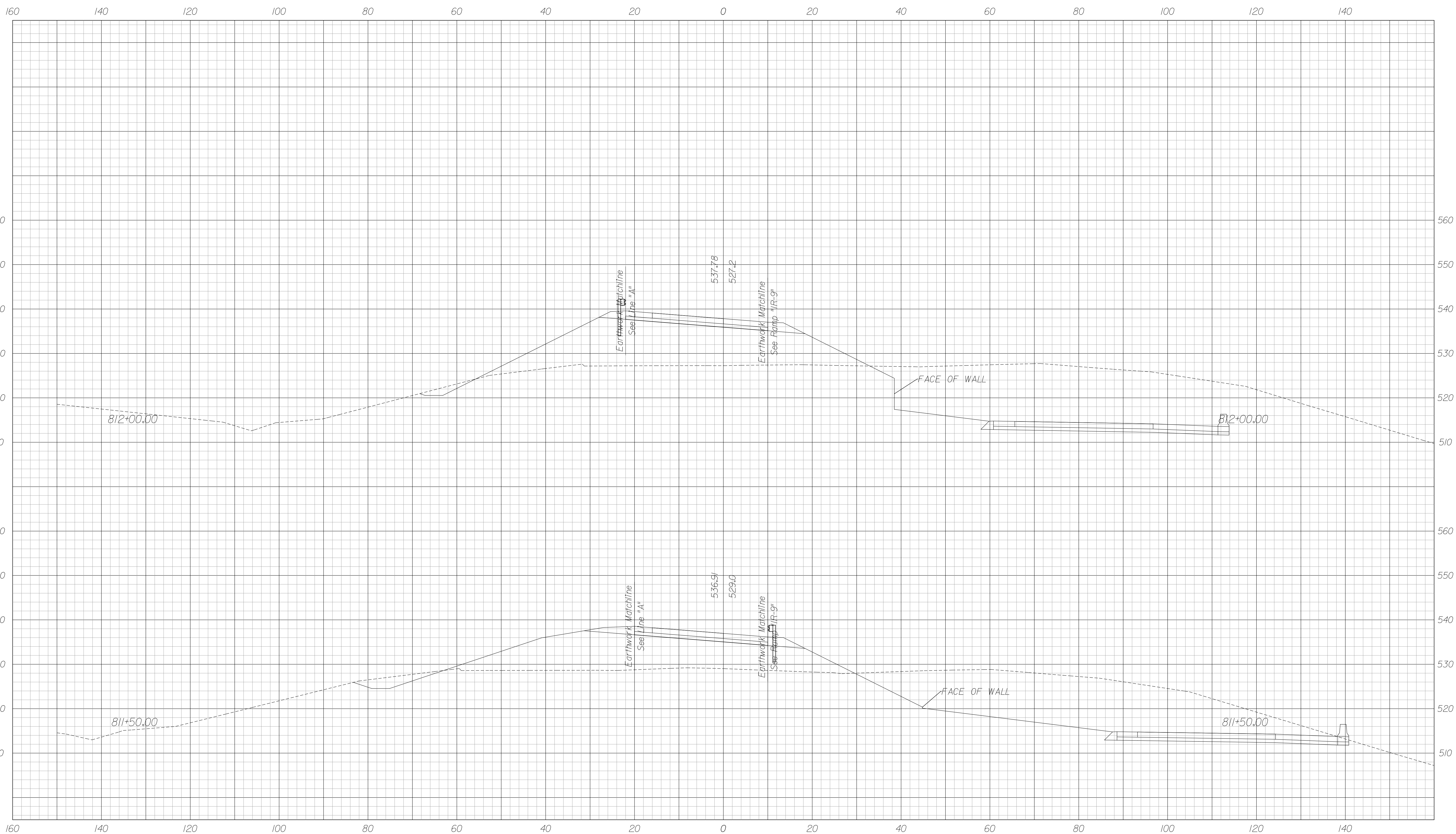
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: JSB	DRAWN: MRS		
CHECKED: WSL	CHECKED: JSB		

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP "IR-9"
STA. 914+50.00 TO 915+00.00

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE 265-10-9557	
VERTICAL SCALE 1" = 10'	DESIGNATION 100517	
SURVEY BOOK	DWG. NO. XS-12	SHEET NO. 13 of 15
CONTRACT	PROJECT 0810244	

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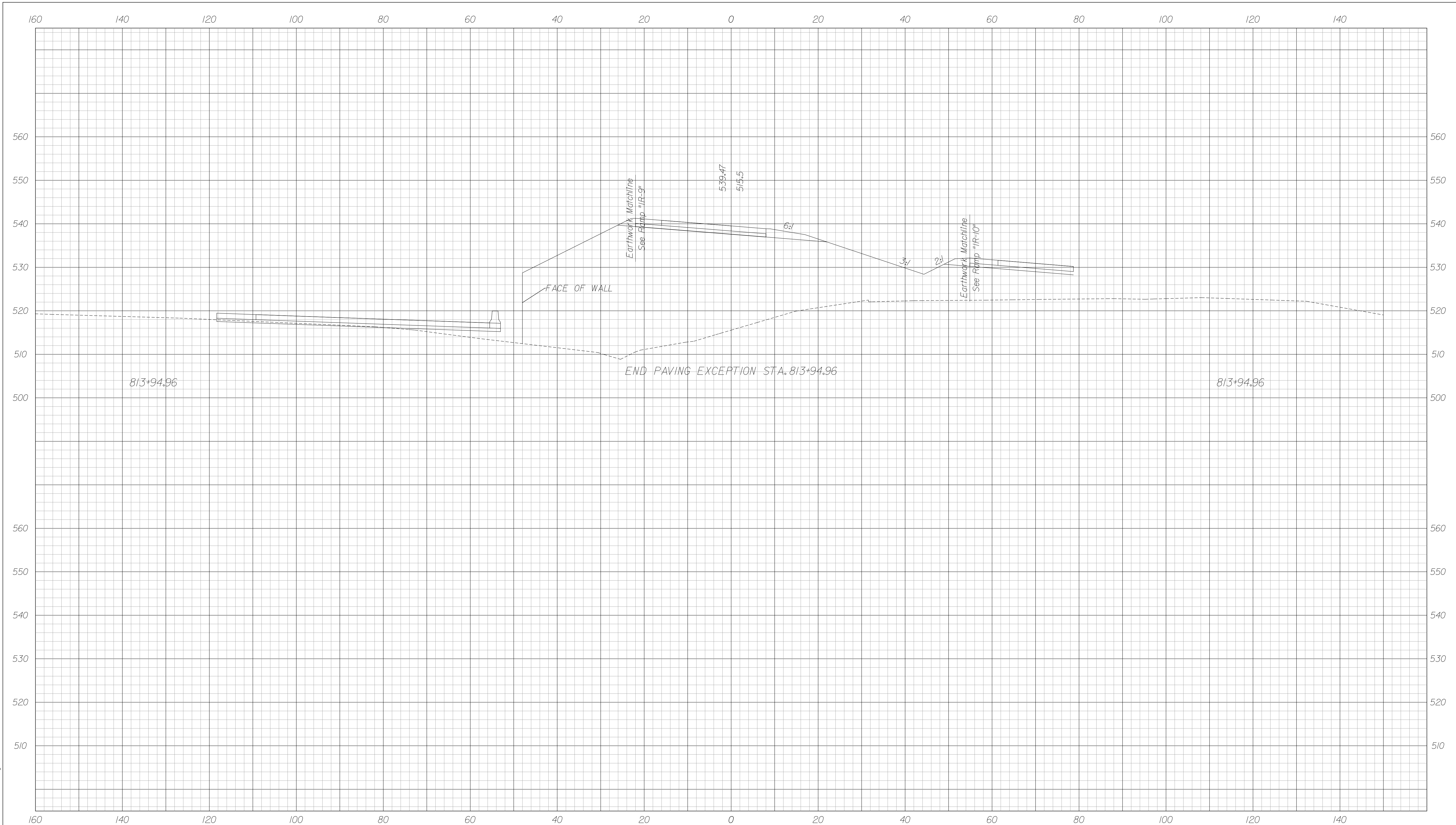
FOR INFORMATION ONLY

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JSB	DRAWN: MRS	
CHECKED: WSL	CHECKED: JSB	

INDIANA
DEPARTMENT OF TRANSPORTATION
CROSS SECTIONS
RAMP "IR-8"
STA. 811+50.00 TO 812+00.00

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE 265-10-9557	
VERTICAL SCALE 1" = 10'	DESIGNATION 1005117	
SURVEY BOOK	DWG. NO. XS-4	SHEET NO. 14 of 15
CONTRACT	PROJECT 0810244	

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813+94.96

END PAVING EXCEPTION STA. 813+94.96

813+94.96

Earthwork Matchline
See Ramp "IR-9"

Earthwork Matchline
See Ramp "IR-10"

FACE OF WALL

539.47
515.5

6:1

3:1

2:1

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FOR INFORMATION ONLY

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: JSB	DRAWN: MRS		
CHECKED: WSL	CHECKED: JSB		

INDIANA
 DEPARTMENT OF TRANSPORTATION
 CROSS SECTIONS
 RAMP "IR-8"
 STA. 813+00.00 TO 813+94.96

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE 265-10-9557	
VERTICAL SCALE 1" = 10'	DESIGNATION 100517	
SURVEY BOOK	DWG. NO. XS-5	SHEET NO. 15 of 15
CONTRACT	PROJECT 0810244	