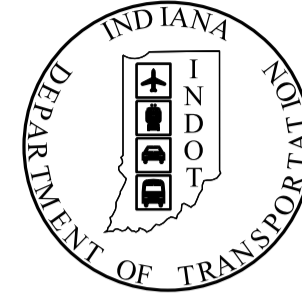


PROJECT	DESIGNATION
0500445	0500445
CONTRACT	BRIDGE FILE
IR-33051	N/A

DES. NO.	KIN DESIGNATION NUMBERS	DESCRIPTION
0902176	CR 1400 N TO CR 700 E ROAD PLANS	
0902072	NB I-69 OVER INDIANA RAILROAD	
0902073	SB I-69 OVER INDIANA RAILROAD	
0902074	CR 1500N OVER I-69	
0902075	NB I-69 OVER VERTREES DITCH	
0902076	SB I-69 OVER VERTREES DITCH	
0902077	NB I-69 OVER WEAVER DITCH	
0902078	SB I-69 OVER WEAVER DITCH	
1005513	I-69 OVER TRIB. OF WEAVER DITCH	
0902277	I-69 CR 1400 N TO CR 700 E SIGNING PLANS	
0902079	NB I-69 OVER CR 900 E	
0902080	SB I-69 OVER CR 900 E	
0902082	NB I-69 OVER FIRST CREEK	
0902083	SB I-69 OVER FIRST CREEK	
0902086	NB I-69 OVER BRANCH OF FIRST CREEK	
0902088	SB I-69 OVER BRANCH OF FIRST CREEK	
0902096	NB I-69 OVER TRIB. OF DOAN'S CREEK	
0902098	SB I-69 OVER TRIB. OF DOAN'S CREEK	
0902105	NB I-69 OVER CR 75 E	
0902283	SB I-69 OVER CR 75 E	
1005514	US 231 NB OVER DOAN'S CREEK	
0902232	US 231 SB OVER DOAN'S CREEK	
1000050	NB I-69 OVER NB US 231	
1000051	SB I-69 OVER NB US 231	
1000052	NB I-69 OVER DOAN'S CREEK	
1000053	SB I-69 OVER DOAN'S CREEK	
1000054	SB I-69 RAMP OVER DOAN'S CREEK	
1000055	NB I-69 RAMP OVER DOAN'S CREEK	
0902278	I-69 FROM CR 700 E TO US 231 SIGNING PLANS	
1005662	DOAN'S CREEK CHANNEL REALIGNMENT	
1005663	TRIB. TO DOAN'S CREEK CHANNEL REALIGNMENT	
1005664	FIRST CREEK CHANNEL REALIGNMENT	

# INDIANA DEPARTMENT OF TRANSPORTATION



## ROAD PLANS

ROUTE: I-69 FROM: RP 80+76 TO: RP 87+51  
PROJECT NO. 0500445 P.E., R/W, CONST.

I-69 FROM CR 700E TO US 231, LOCATED IN SECTIONS 25, 26, 32, 33, 34, 35, & 36, TOWNSHIP 6 NORTH, RANGE 5 WEST, IN TAYLOR TOWNSHIP, GREENE COUNTY, INDIANA, & IN SECTION 32, 33, TOWNSHIP 6 NORTH, RANGE 5 WEST, IN CASS TOWNSHIP, GREENE COUNTY INDIANA, & IN SECTIONS 5 & 6, TOWNSHIP 5 NORTH, RANGE 5 WEST, IN MADISON TOWNSHIP, DAVIESS COUNTY INDIANA, & IN SECTION 1, TOWNSHIP 5 NORTH, RANGE 6 WEST, IN ELMORE TOWNSHIP, DAVIESS COUNTY, INDIANA

BRIDGE STR. NO. I-69-28-9551,  
STR. NO. I-69-28-9552,  
STR. NO. I-69-28-9553 &  
STR. NO. I-69-28-9554  
NEW BRIDGE CONSTRUCTION  
DES. NO. 1000052, 1000053,  
1000054 & 1000055

END PROJECT NO. 0500445  
STA. 2975+00.00 LINE "A"

BRIDGE STR. NO. I-69-28-9456 &  
STR. NO. I-69-28-9458  
NEW BRIDGE CONSTRUCTION  
DES. NO. 0902096 & 0902098

BRIDGE STR. NO. 231-28-9532 &  
STR. NO. 231-28-9568  
NEW BRIDGE CONSTRUCTION  
DES. NO. 0902232 & 1005514

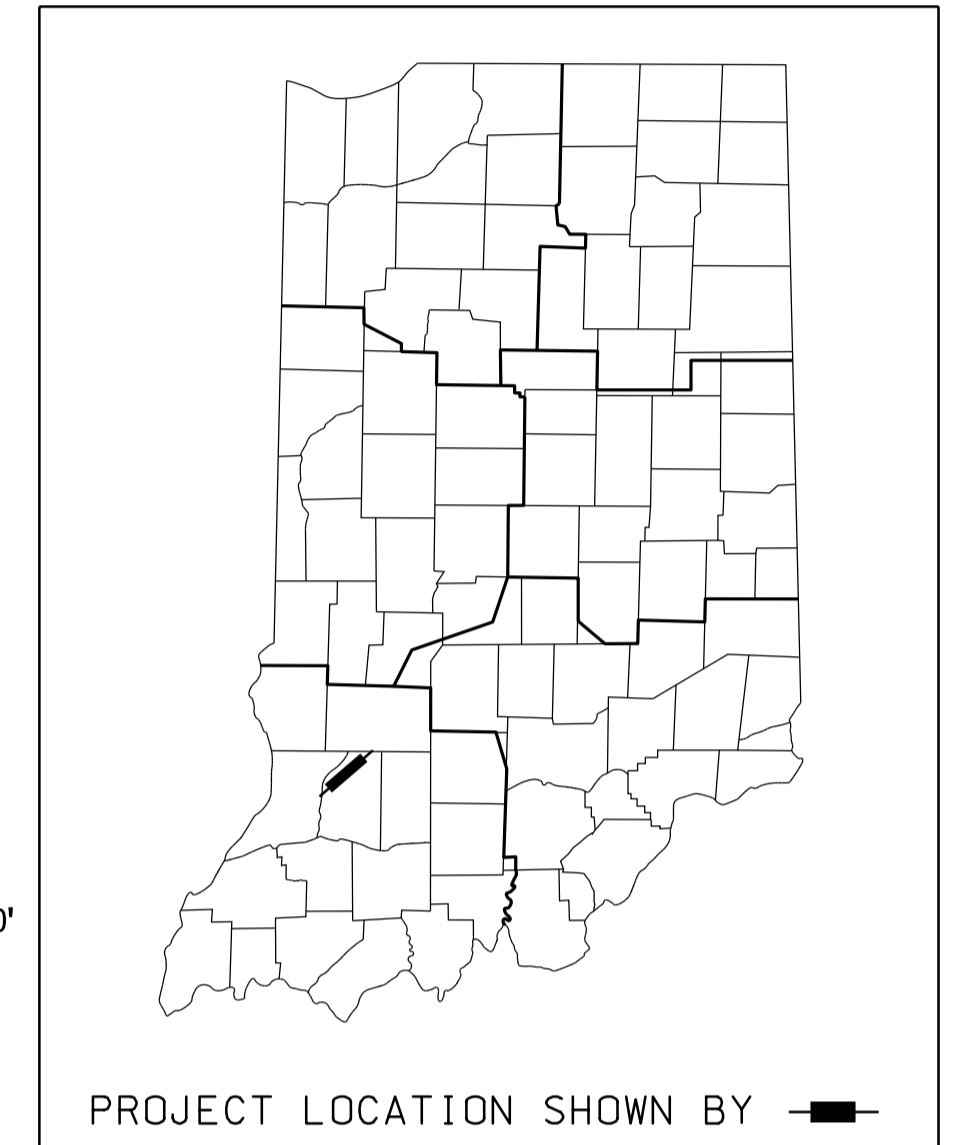
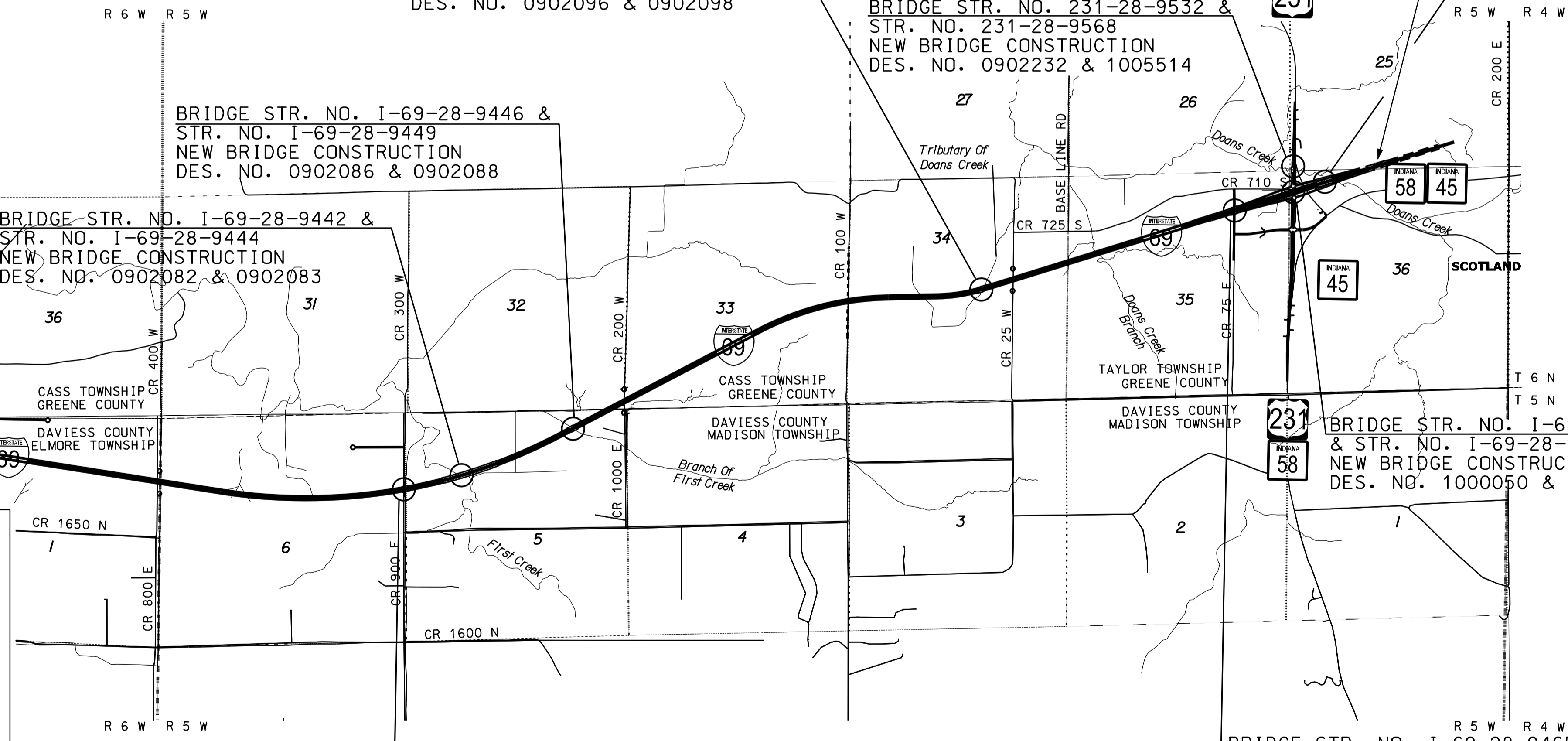
BRIDGE STR. NO. I-69-28-9446 &  
STR. NO. I-69-28-9449  
NEW BRIDGE CONSTRUCTION  
DES. NO. 0902086 & 0902088

BRIDGE STR. NO. I-69-28-9442 &  
STR. NO. I-69-28-9444  
NEW BRIDGE CONSTRUCTION  
DES. NO. 0902082 & 0902083

BRIDGE STR. NO. I-69-28-9549  
& STR. NO. I-69-28-9550  
NEW BRIDGE CONSTRUCTION  
DES. NO. 1000050 & 1000051

BRIDGE STR. NO. I-69-28-9439 &  
STR. NO. I-69-28-9440  
NEW BRIDGE CONSTRUCTION  
DES. NO. 0902079 & 0902080

BEGIN PROJECT NO. 0500445  
STA. 2618+50.00 LINE "A"



PROJECT DATA FOR 0500445, LINE "A"  
GROSS LENGTH: 6.752 mi  
NET LENGTH: 6.231 mi  
MAXIMUM GRADE: 2.86%  
PROJECT LATITUDE: 38°54'12.82" N  
PROJECT LONGITUDE: 86°58'41.71" W

### PARSONS

101 W. Ohio St., Suite 2121  
Indianapolis, IN 46204  
Bus (317) 616-1000  
Fax (317) 616-1033

### PB PARSONS BRINCKERHOFF

300 North Meridian Street, Suite 1010  
Indianapolis, Indiana 46204 (317) 972-1706

FOR TRAFFIC AND DESIGN DATA  
SEE INDEX SHEET

INDIANA DEPARTMENT OF TRANSPORTATION  
STANDARD SPECIFICATIONS DATED 2010  
AND ALL INTERIM SPECIFICATION TO BE USED  
WITH THESE PLANS.

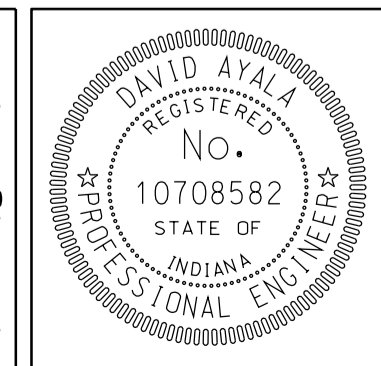
**WARNING:**  
THESE PLANS ARE CERTIFIED ONLY FOR COMPLIANCE WITH INDOT LEVEL ONE DESIGN CRITERIA EXCEPT AS NOTED IN THE "SCOPE OF SERVICES" SECTION OF THE CONTRACT DOCUMENTS AND THEY ARE NOT COMPLETE AND ARE NOT ADEQUATE FOR THE PREPARATION OF DESIGN/BUILD BIDS OR CONSTRUCTION OF THE PROJECT. THEY ARE INTENDED ONLY FOR THE LIMITED PURPOSE OF PROVIDING INFORMATION TO ASSIST PROSPECTIVE BIDDERS IN DEVELOPING THEIR BIDS FOR THE PROPOSED DESIGN/BUILD PROJECT IN ACCORDANCE WITH INDOT REQUIREMENTS AND APPLICABLE RULES, REGULATIONS, STANDARDS, PRACTICES, POLICIES, GUIDELINES AND SPECIFICATIONS. DESIGN/BUILDERS SHALL BE SOLELY RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF THEIR DESIGNS AND THE BIDS THAT THEY SUBMIT AND IF THE PROJECT INFORMATION IN ADDITION TO THESE PLANS IS DEEMED NECESSARY BY A DESIGN/BUILDER, OR IF AN ERROR OR INACCURACY OCCURS IN THESE PLANS, IT SHALL BE THE SOLE RESPONSIBILITY OF THE DESIGN/BUILDER TO ACQUIRE ALL SUCH INFORMATION AND TO DETECT AND CORRECT ANY SUCH ERROR OR INACCURACY.

#### LOCATION MAP DAVIESS AND GREENE COUNTY

FEDERAL HIGHWAY ADMINISTRATION  
U.S. DEPT. OF TRANSPORTATION  
APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_

DIVISION ADMINISTRATOR

PLANS  
PREPARED BY: PARSONS 317-616-1000  
PHONE NUMBER  
CERTIFIED BY: *[Signature]* 5-5-10  
DATE  
APPROVED  
FOR LETTING: \_\_\_\_\_ DATE \_\_\_\_\_  
CHIEF, DIVISION OF DESIGN



BRIDGE FILE	
N/A	
DESIGNATION	
0500445	
DWG. NO.	SHEET NO.
TI-01	1 of 373
CONTRACT	
IR-33051	
PROJECT	
0500445	

**UTILITIES**

ELECTRIC DISTRIBUTION  
 DAVIESS-MARTIN REMC (LOCAL ELECTRIC)  
 ENGINEERING CONTACT  
 JOHN CRAYS  
 12628 E. 75 N  
 LOGOOTE, IN 47553  
 812-295-4200

UTILITIES DISTRICT OF WESTERN INDIANA REMC  
 ENGINEERING CONTACT  
 SHANE SMITH  
 P.O. BOX 427  
 HWY 54 WEST  
 BLOOMFIELD, IN 47424  
 812-384-5053

EASTERN HEIGHTS UTILITIES  
 ENGINEERING CONTACT  
 KENNY MCINTOSH  
 316 N. WASHINGTON ST.  
 BLOOMFIELD, IN 47424  
 812-384-8261

UNDERGROUND COPPER & FIBER  
 SMITHVILLE TELEPHONE COMPANY  
 ENGINEERING CONTACT  
 PERRY GATER  
 1600 WEST TEMPERANCE ST.  
 P.O. BOX 728  
 ELLETTSVILLE, IN 47429-0728  
 812-935-4036

TELEPHONE  
 AT&T INDIANA  
 ENGINEERING CONTACT  
 TOD MOORE  
 5520 W. 76TH STREET  
 INDIANAPOLIS, IN 46268  
 812-334-4718

TELEPHONE  
 VERIZON  
 ENGINEERING CONTACT  
 ANDREA FAST  
 1233 W. TIPTON STREET  
 SEYMOUR, IN 47274  
 260-461-2247

TDS  
 ENGINEERING CONTACT  
 MIKE JOHNSON  
 20875 CROSSROADS CIRCLE, STE 800  
 WAUKESHA, WI 53186  
 262-754-3052

ELECTRIC TRANSMISSION  
 INDIANAPOLIS POWER & LIGHT (IPL)  
 ENGINEERING CONTACT  
 BRIAN OSBORN  
 1230 WEST MORRIS ST.  
 INDIANAPOLIS, IN 46221  
 317-498-9233

HOOSIER ENERGY  
 ENGINEERING CONTACT  
 TOM GALLAGHER  
 7398 N. STATE ROAD 37, P.O. BOX 908  
 BLOOMINGTON, IN 47402  
 812-322-2429

GAS  
 MIDWEST NATURAL GAS  
 ENGINEERING CONTACT  
 TED WILLIAMS  
 107 SE 3RD STREET  
 P.O. BOX 520  
 WASHINGTON, IN 47501  
 812-384-4150

**REVISIONS**

SHEET NO.	DATE	REVISED

**DRAWING INDEX**

SHEET NO.	DESIGNATION
1	TITLE SHEET
2	INDEX SHEET
3-7	TYPICAL SECTIONS
8-10	PLAT 1 SHEETS
11-12	GEOMETRIC TIE-IN SHEET
13-31	MAINTENANCE OF TRAFFIC SHEETS
32	INTERCHANGE GEOMETRIC TIE-IN DETAIL
33-80	PLAN AND PROFILE SHEETS - LINE "A"
81-82	PLAN AND PROFILE SHEETS - LINE "CR 900 E"
83-86	PLAN AND PROFILE SHEETS - LINE "CR 75 E"
87-88	PLAN AND PROFILE SHEETS - LINE "CR 710 S"
89-90	PLAN AND PROFILE SHEETS - LINE "SR 45/58"
91-100	PLAN AND PROFILE SHEETS - US 231
101-102	PLAN AND PROFILE SHEETS - ACCESS ROAD 20
103-104	PLAN AND PROFILE SHEETS - ACCESS ROAD 30
105-109	RAMP PROFILE SHEETS
110-113	SUPERELEVATION DETAILS - LINE "A"
114	SUPERELEVATION DETAILS - LINE "CR 710 S"
115	SUPERELEVATION DETAILS - LINE "SR 45/58"
116	SUPERELEVATION DETAILS - US 231 RAMPS
117-133	CULVERT DETAILS
134	MISCELLANEOUS DETAILS
135-144	PAVEMENT MARKING DETAILS
145-286	ROADWAY CROSS SECTIONS - LINE "A"
287-296	ROADWAY CROSS SECTIONS - LINE "PR-AR 20"
297-300	ROADWAY CROSS SECTIONS - LINE "PR-CR 900 E"
301-310	ROADWAY CROSS SECTIONS - LINE "PR-AR 30"
311-325	ROADWAY CROSS SECTIONS - LINE "PR-CR 75 E"
326-353	ROADWAY CROSS SECTIONS - LINE "PR-US 231"
354-366	ROADWAY CROSS SECTIONS - LINE "PR-CR 710 S"
367-373	ROADWAY CROSS SECTIONS - LINE "PR-SR 45/58"



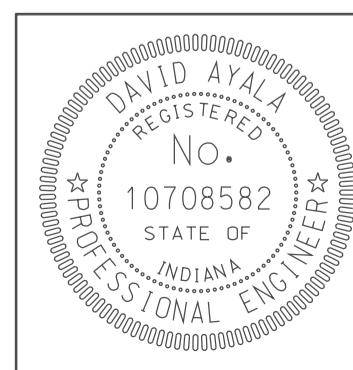
**NOTES:**

THIS SET OF PLANS SHALL NOT BE CONSTRUED TO BE A PROPERTY REPLACEMENT SURVEY. WHERE APPARENT PROPERTY LINE, OWNER, OR SECTION CORNER INFORMATION IS SHOWN, IT IS BASED UPON PHYSICAL EVIDENCE OR TESTIMONY.

THE TOPOGRAPHY INFORMATION FOR THIS PROJECT WAS SUPPLIED BY COMBINING INDOT AERIAL MAPPING WITH SUPPLEMENTAL GROUND SURVEY FROM UNITED CONSULTING ENGINEERS & ARCHITECTS, AMERICAN SURVEYING CONSULTANTS, P.C., AND CERTIFIED ENGINEERING, INC AND IS BASED UPON THE ORIGINAL SURVEY. THE DESIGN CONSULTANT DOES NOT WARRANT THE ACCURACY OF THIS DATA AND ADVISES THE CONTRACTOR TO FIELD VERIFY ALL INFORMATION.

ROADWAY	TRAFFIC DATA							DESIGN DATA					
	A.A.D.T. (2000)	CONST. YEAR A.A.D.T. (2010)	A.A.D.T. (2030)	D.H.V. (2030)	DIRECTIONAL DISTRIBUTION	% TRUCKS (A.A.D.T.)	% TRUCKS (D.H.V.)	PROJECT DESIGN CRITERIA	FUNCTIONAL CLASSIFICATION	RURAL/URBAN	TERRAIN	ACCESS CONTROL	DESIGN SPEED
I-69 SOUTH OF US-231	10,910	13,675	19,210	1,565	51/49	25%	16%	NEW CONSTRUCTION (FREEWAY)	FREEWAY	RURAL	LEVEL	FULL	70 MPH
I-69 NORTH OF US-231	14,270	17,460	23,840	1,960	51/49	24%	15%	NEW CONSTRUCTION (FREEWAY)	FREEWAY	RURAL	LEVEL	FULL	70 MPH
US-231 NORTH OF SR45/58	8,930	9,925	11,920	950	55/45	10%	7%	4R (NON-FREEWAY)	ARTERIAL	RURAL	LEVEL	BY PERMIT/PARTIAL	60 MPH
US-231 SOUTH OF SR45/58	9,000	9,795	11,385	905	55/45	10%	8%	4R (NON-FREEWAY)	ARTERIAL	RURAL	LEVEL	BY PERMIT/PARTIAL	60 MPH
US-231 RAMP "ES"	690	730	815	70	N/A	2%	1%	4R (FREEWAY)	INTERCHANGE RAMP	RURAL	LEVEL	FULL	50-35 MPH
US-231 RAMP "NE"	2,380	2,635	3,150	280	N/A	16%	9%	4R (FREEWAY)	INTERCHANGE RAMP	RURAL	LEVEL	FULL	50-35 MPH
US-231 RAMP "WN"	2,365	2,610	3,095	240	N/A	13%	10%	4R (FREEWAY)	INTERCHANGE RAMP	RURAL	LEVEL	FULL	50-35 MPH
US-231 RAMP "SW"	695	730	800	80	N/A	2%	1%	4R (FREEWAY)	INTERCHANGE RAMP	RURAL	LEVEL	FULL	50-35 MPH
CR 900 E	1,240	1,305	1,435	110	50/50	2%	9%	3R (NON-FREEWAY)	COLLECTOR	RURAL	LEVEL	NONE	30 MPH
CR 710 S	410	520	740	53	65/35	11%	8%	3R (NON-FREEWAY)	COLLECTOR	RURAL	LEVEL	NONE	45 MPH
SR 45/58	1,900	2,025	2,270	165	52/48	4%	6%	3R (NON-FREEWAY)	STATE COLLECTOR	RURAL	LEVEL	NONE	40 MPH
CR 75 E	380	405	450	32	61/39	11%	8%	3R (NON-FREEWAY)	LOCAL ROAD	RURAL	LEVEL	NONE	55 MPH
AR 20	<400	<400	<400	<40	50/50	8%	8%	3R (NON-FREEWAY)	LOCAL ROAD	RURAL	LEVEL	NONE	30 MPH
AR 30	<400	<400	<400	<40	50/50	8%	8%	3R (NON-FREEWAY)	LOCAL ROAD	RURAL	LEVEL	NONE	30 MPH

09/58  
 10/03/2010  
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RECOMMENDED FOR APPROVAL *[Signature]* 5/5/10  
 DESIGN ENGINEER DATE

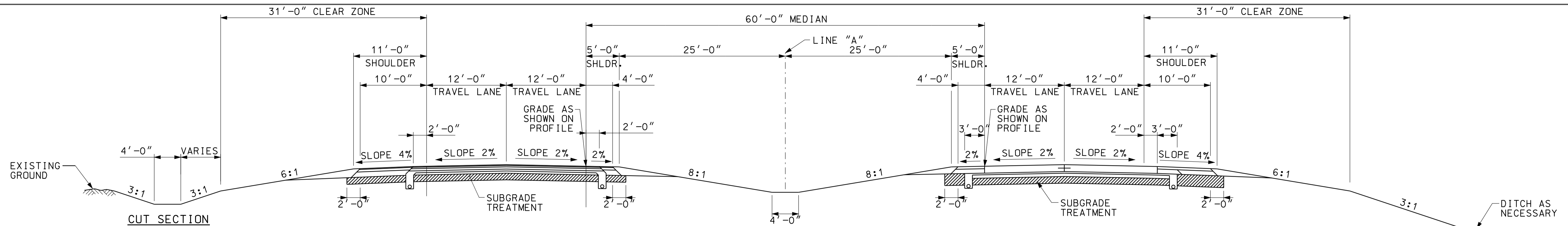
DESIGNED: **NOH** DRAWN: **DH**

CHECKED: **DMA** CHECKED: **DMA**

INDIANA  
 DEPARTMENT OF TRANSPORTATION

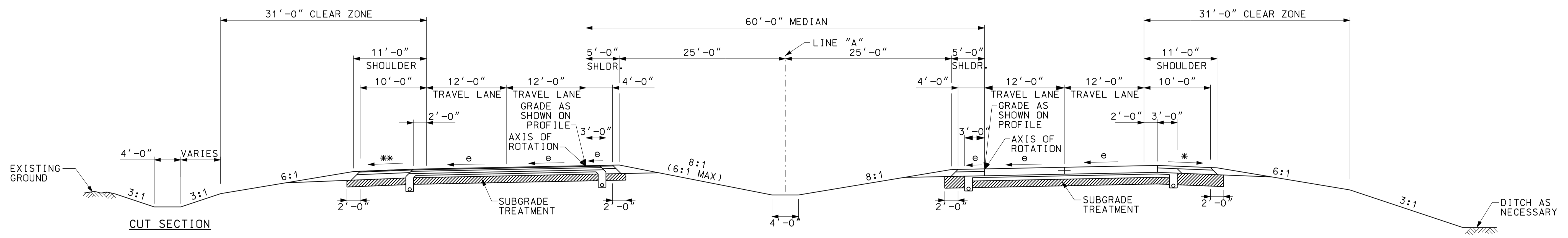
**INDEX SHEET**

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION <b>0500445</b>
SURVEY BOOK	DWG. NO. SHEET NO. 1X-01 2 of 373
CONTRACT <b>IR-33051</b>	PROJECT <b>0500445</b>



**TYPICAL TANGENT SECTION - I-69**

SOUTHBOUND LANES		NORTHBOUND LANES	
DEPICTING HMA PAVEMENT OPTION		DEPICTING PCCP PAVEMENT OPTION	
STA. 2628+74.00	"A" TO STA. 2686+05.00	"A" TO STA. 2686+05.00	"A" TO STA. 2686+05.00
STA. 2772+50.00	"A" TO STA. 2823+02.00	"A" TO STA. 2823+02.00	"A" TO STA. 2823+02.00
STA. 2859+23.00	"A" TO STA. 2866+13.00	"A" TO STA. 2866+13.00	"A" TO STA. 2866+13.00
STA. 2882+72.00	NB "A" TO STA. 2936+02.71	NB "A" TO STA. 2936+02.71	NB "A" TO STA. 2936+02.71
STA. 2882+72.00	SB "A" TO STA. 2931+34.36	SB "A" TO STA. 2931+34.36	SB "A" TO STA. 2931+34.36
STA. 2947+02.71	NB "A" TO STA. 2968+15.95	NB "A" TO STA. 2968+15.95	NB "A" TO STA. 2968+15.95
STA. 2947+44.91	SB "A" TO STA. 2970+60.00	SB "A" TO STA. 2970+60.00	SB "A" TO STA. 2970+60.00
STA. 2984+26.42	NB "A" TO STA. 2997+36.00	NB "A" TO STA. 2997+36.00	NB "A" TO STA. 2997+36.00
STA. 2981+60.00	SB "A" TO STA. 2997+36.00	SB "A" TO STA. 2997+36.00	SB "A" TO STA. 2997+36.00



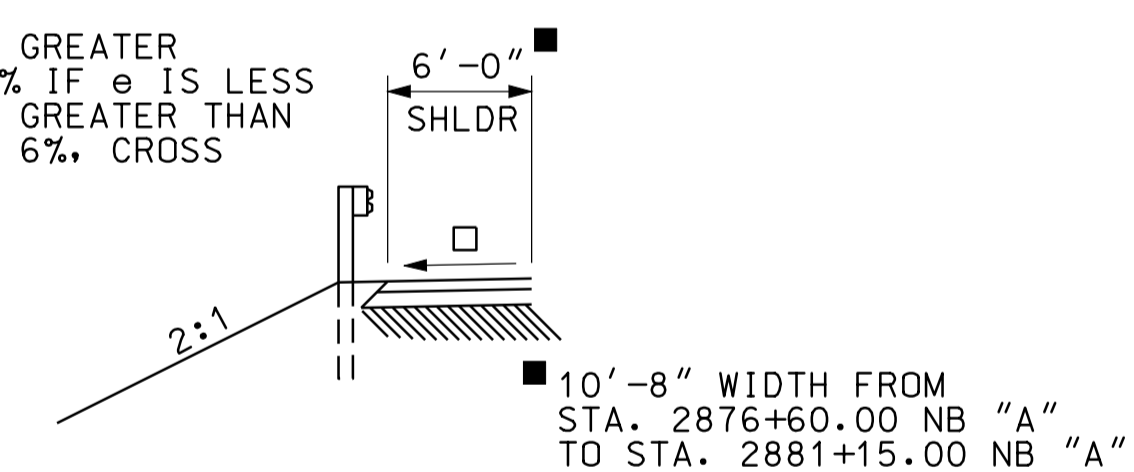
\*\* FOR LOW SIDE SHOULDER WIDTH GREATER THAN 4'-0", CROSS SLOPE IS 4% IF  $e$  IS LESS THAN OR EQUAL TO 4%. IF  $e$  IS GREATER THAN 4% CROSS SLOPE MATCHES ADJACENT TRAVEL LANE

**TYPICAL SUPERLEVATED SECTION - I-69**

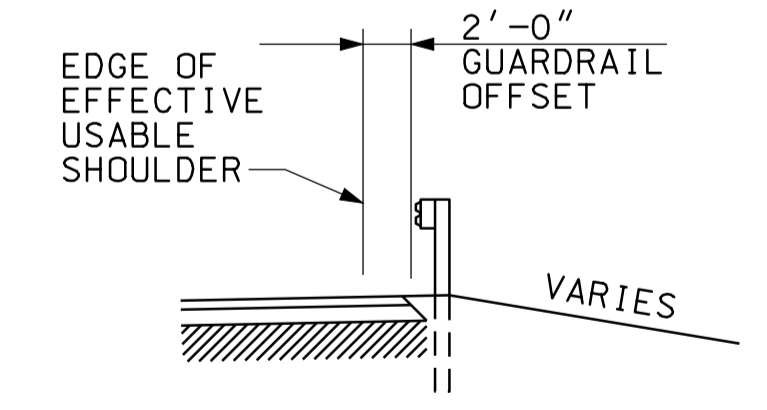
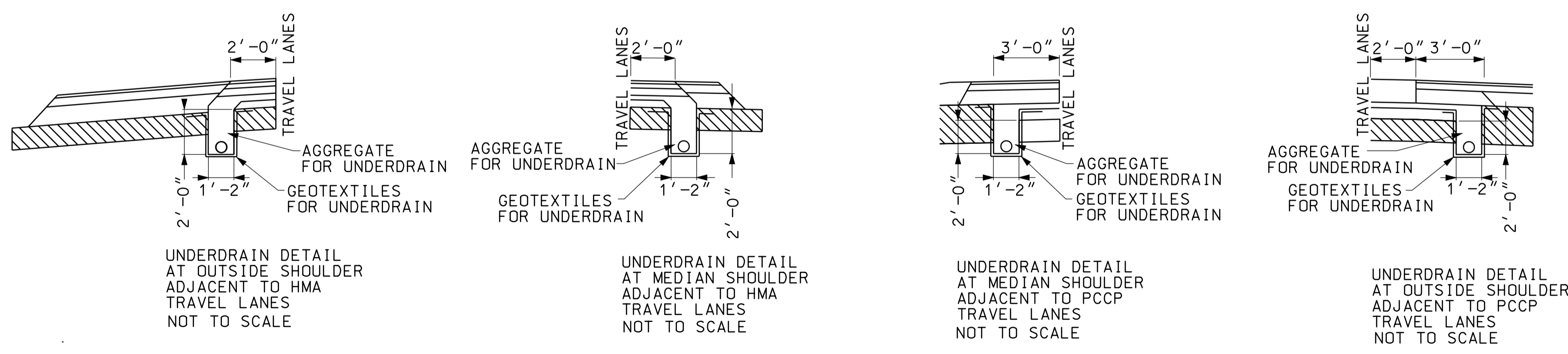
STA. 2618+50.00	"A" TO STA. 2628+74.00	"A" (R=7000', e=3.0%)
STA. 2686+05.00	"A" TO STA. 2772+50.00	"A" (R=13,000', e=2.0%)
STA. 2823+02.00	"A" TO STA. 2859+23.00	"A" (R=7000', e=3.0%)
STA. 2866+13.00	"A" TO STA. 2882+72.00	"A" (R=4000', e=5.0%)

REVERSE FOR CURVE RIGHT

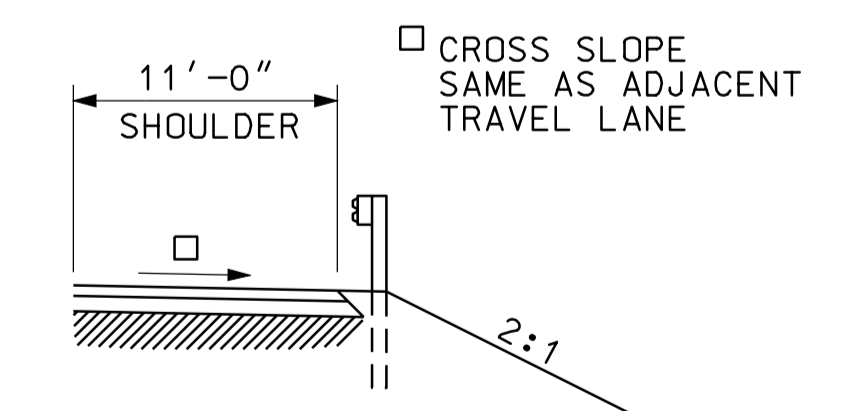
\* FOR HIGH SIDE SHOULDER WIDTH GREATER THAN 4'-0", CROSS SLOPE IS 4% IF  $e$  IS LESS THAN OR EQUAL TO 4%. IF  $e$  IS GREATER THAN 4% BUT LESS THAN OR EQUAL TO 6%, CROSS SLOPE IS 2%



**I-69 TYPICAL SHOULDER SECTION AT BRIDGE APPROACH LT.**

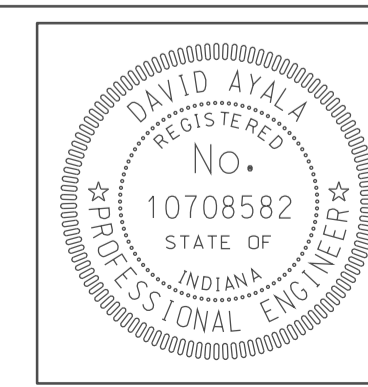


**I-69 TYPICAL SHOULDER SECTION W/GUARDRAIL**



**I-69 TYPICAL SHOULDER SECTION AT BRIDGE APPROACH RT.**

10/03/05 2:01P  
 IP\_PWP-8160025-PA-SEG-DT-5000.dgn  
 09:58



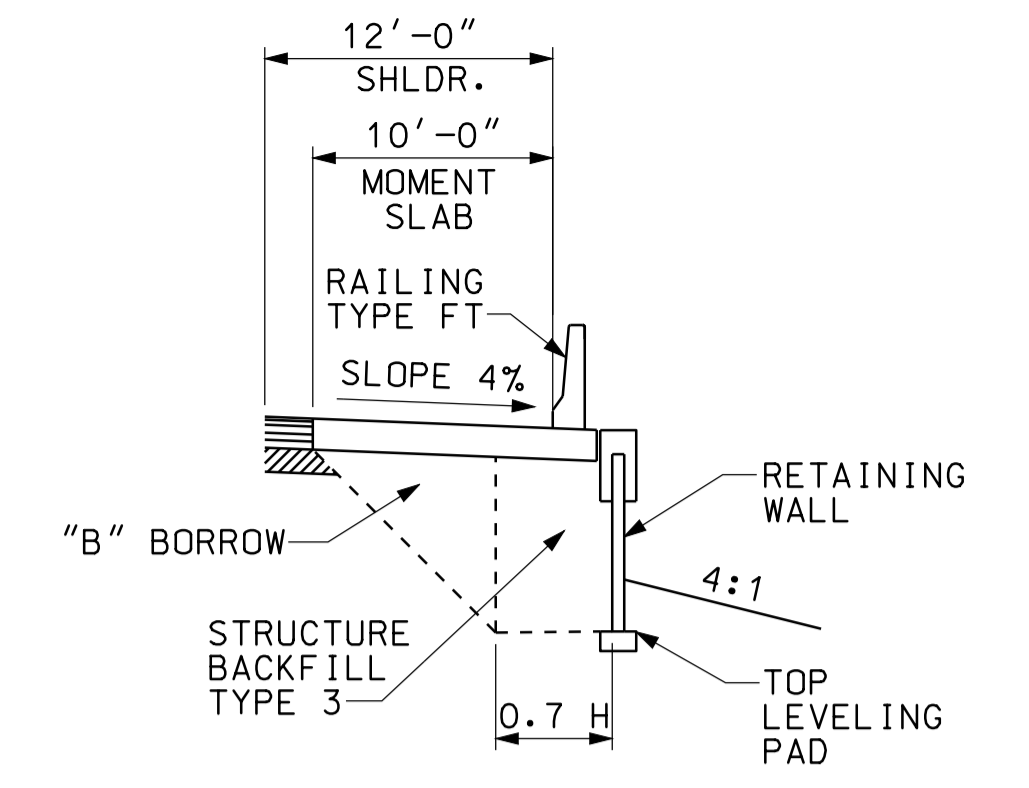
RECOMMENDED FOR APPROVAL	<i>com jg</i>	DESIGN ENGINEER	DATE
DESIGNED:	TAH	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
**TYPICAL SECTIONS**  
 I-69

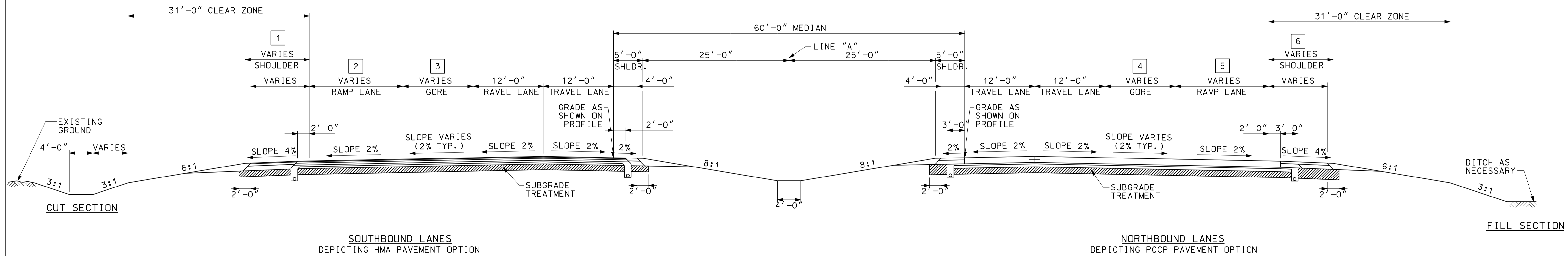
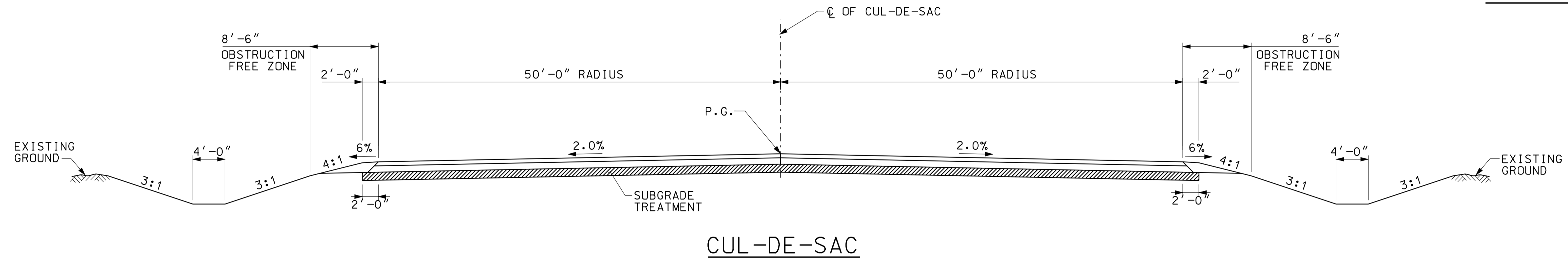
HORIZONTAL SCALE	BRIDGE FILE	
1/8" = 1'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	TS-01	3 of 373
CONTRACT	PROJECT	
IR-33051		0500445

- 1 11'-0" (10'-0" PAVED) TO 9'-0" (8'-0" PAVED) FROM STA. 2945+60.02 "A" TO STA. 2947+09.95 "A"
- 2 0'-0" TO 12'-0" FROM STA. 2931+34.36 "A" TO STA. 2934+34.45 "A" 12'-0" TO 16'-0" FROM STA. 2940+14.45 "A" TO STA. 2942+14.61 "A" 16'-0" FROM STA. 2942+14.61 "A" TO STA. 2947+44.91 "A" FROM STA. 2970+60.00 "A" TO STA. 2975+74.71 "A" 16'-0" TO 12'-0" FROM STA. 2975+74.71 "A" TO STA. 2978+51.31 "A" 12'-0" TO 0'-0" FROM STA. 2980+60.00 "A" TO STA. 2981+60.00 "A"
- 3 0'-0" TO 20'-0" FROM STA. 2942+14.61 "A" TO STA. 2947+44.91 "A" 20'-0" TO 0'-0" FROM STA. 2970+60.00 "A" TO STA. 2975+74.71 "A"

- 4 0'-0" TO 20'-0" FROM STA. 2941+85.43 "A" TO STA. 2947+02.71 "A" 20'-0" TO 0'-0" FROM STA. 2968+15.95 "A" TO STA. 2973+46.26 "A"
- 5 0'-0" TO 12'-0" FROM STA. 2936+02.71 "A" TO STA. 2937+02.71 "A" 12'-0" TO 16'-0" FROM STA. 2939+11.40 "A" TO STA. 2941+85.43 "A" 16'-0" FROM STA. 2941+85.43 "A" TO STA. 2947+02.71 "A" FROM STA. 2968+15.95 "A" TO STA. 2973+46.26 "A" 16'-0" TO 12'-0" FROM STA. 2973+46.26 "A" TO STA. 2975+46.44 "A" 12'-0" TO 0'-0" FROM STA. 2981+26.42 "A" TO STA. 2984+26.42 "A"
- 6 11'-0" (10'-0" PAVED) TO 9'-0" (8'-0" PAVED) FROM STA. 2946+02.71 "A" TO STA. 2947+02.71 "A" 9'-0" (8'-0" PAVED) TO 11'-0" (10'-0" PAVED) FROM STA. 2970+96.79 "A" TO STA. 2972+46.78 "A"



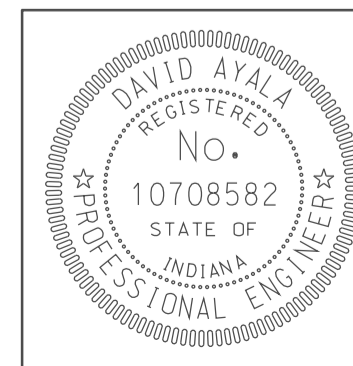
I-69 TYPICAL RETAINING WALL SECTION



TYPICAL TANGENT SECTION - I-69 W/RAMP LANES AND GORE

STA. 2936+02.71 NB "A" TO STA. 2947+02.71 NB "A"  
 STA. 2931+34.36 SB "A" TO STA. 2947+44.91 SB "A"  
 STA. 2968+15.95 NB "A" TO STA. 2984+26.42 NB "A"  
 STA. 2970+60.00 SB "A" TO STA. 2981+60.00 SB "A"

10/10/25 2010  
 IP\_PWP-8106025A-SEG135002.dgn 09:58



RECOMMENDED FOR APPROVAL	<i>com jo</i>	DESIGN ENGINEER	DATE
DESIGNED:	TAH	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

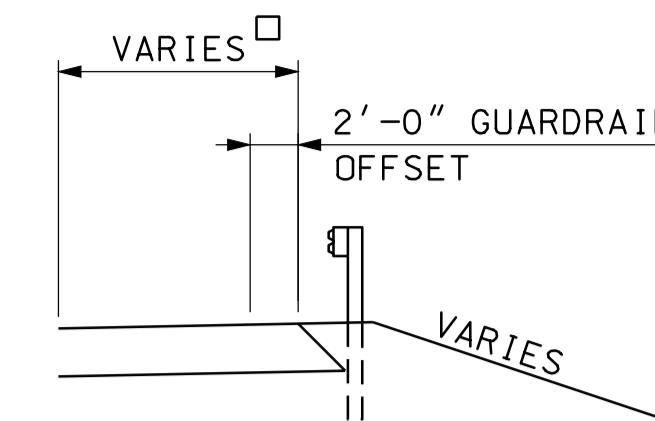
INDIANA DEPARTMENT OF TRANSPORTATION	
TYPICAL SECTIONS I-69	

HORIZONTAL SCALE	BRIDGE FILE
1/8" = 1'	
VERTICAL SCALE	DESIGNATION
	0500445
SURVEY BOOK	DWG. NO. SHEET NO.
	TS-02 4 of 373
CONTRACT	PROJECT
IR-33051	0500445

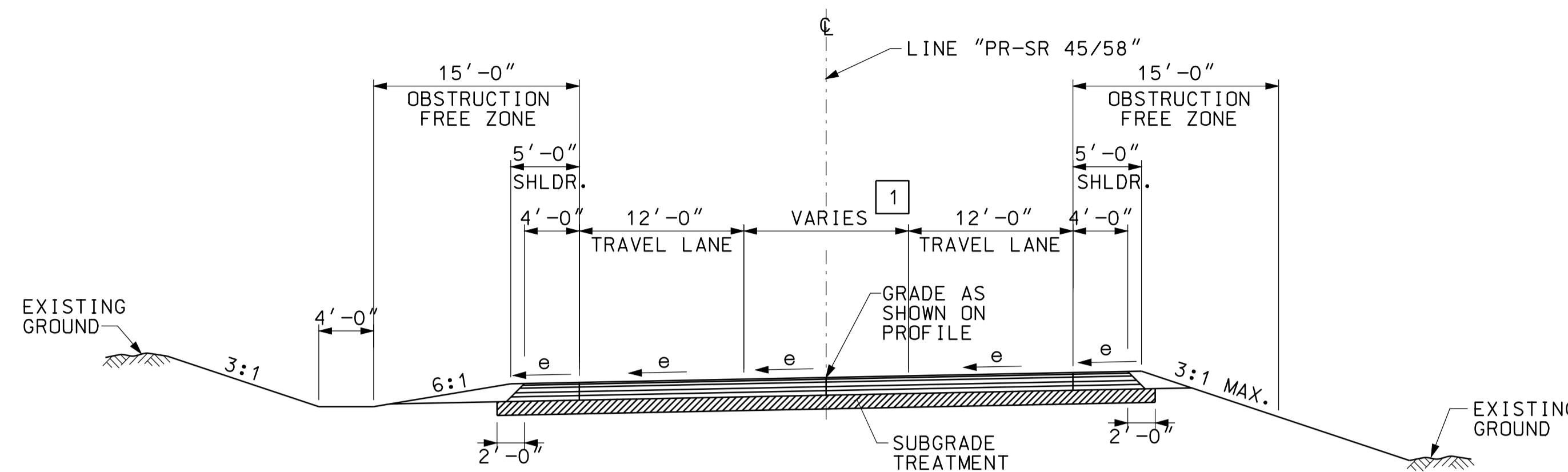
1 12'-0" TO 0'-0" FROM  
STA. 102+25.49 TO STA. 105+85.39 LINE "PR-SR 45/58"

2 0'-0" TO 12'-0" FROM  
STA. 124+60.00 TO STA. 131+80.00 LINE "PR-US 231"

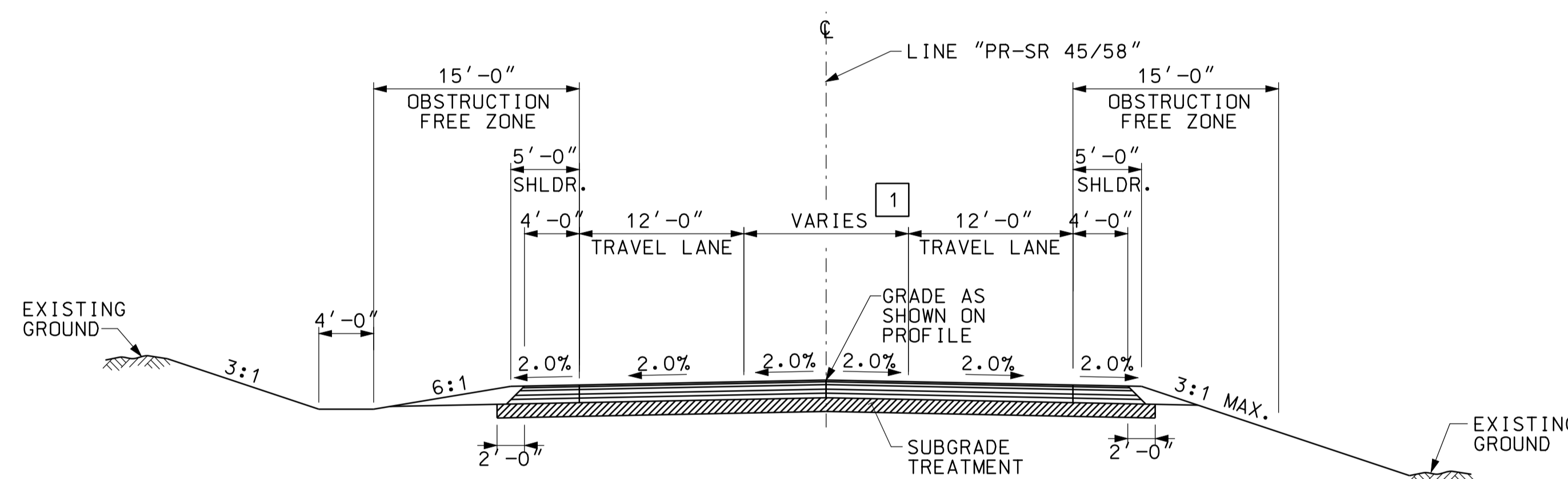
12'-0" FOR US 231  
6'-0" FOR SR 45/58



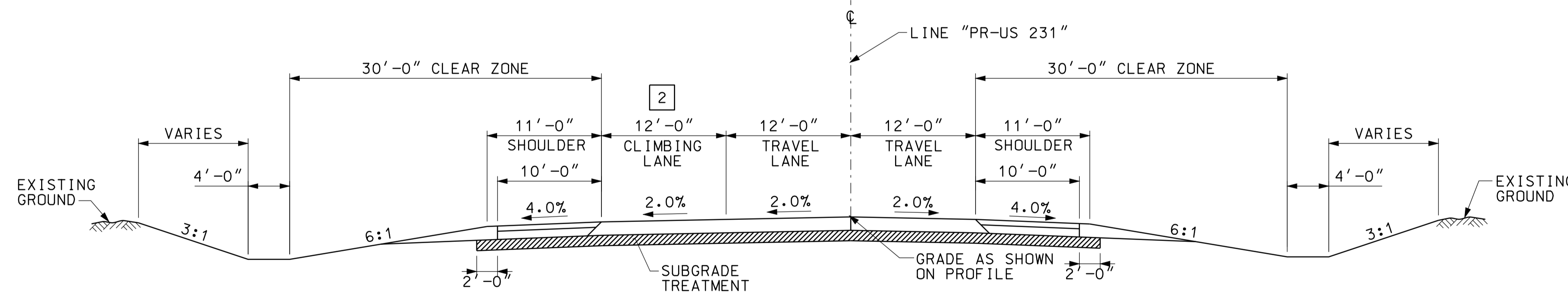
TYPICAL SECTION W/GUARDRAIL



TYPICAL SUPERELEVATED SECTION - SR 45/58 (HMA PAVEMENT)  
STA. 100+65.00 "PR-SR 45/58" TO STA. 107+59.00 "PR-SR 45/58" (R=600', e=4.0%)

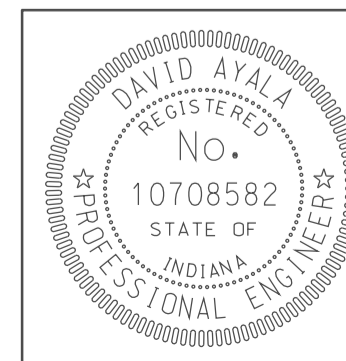


TYPICAL TANGENT SECTION - SR 45/58 (HMA PAVEMENT)  
STA. 100+28.00 "PR-SR 45/58" TO STA. 100+65.00 "PR-SR 45/58"  
STA. 107+59.00 "PR-SR 45/58" TO STA. 109+00.00 "PR-SR 45/58"



TYPICAL SECTION - US 231 (PCC PAVEMENT)  
STA. 124+60.00 "PR-US 231" TO STA. 141+51.00 "PR-US 231"  
STA. 191+10.00 "PR-US 231" TO STA. 191+50.00 "PR-US 231"

10/10/25 2:10  
 IP\_PWP-60025A-SEG1T5003.dgn 09:58



RECOMMENDED FOR APPROVAL *com jo* 5/5/10  
 DESIGN ENGINEER DATE

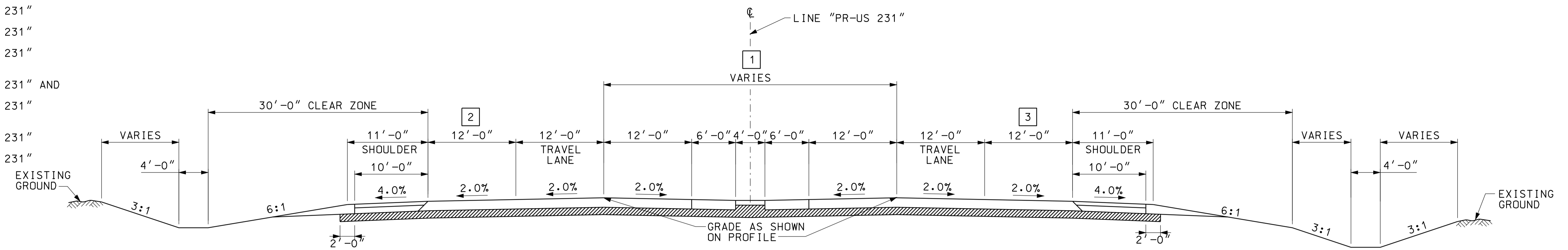
DESIGNED: TAH DRAWN: DH  
 CHECKED: NOH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION

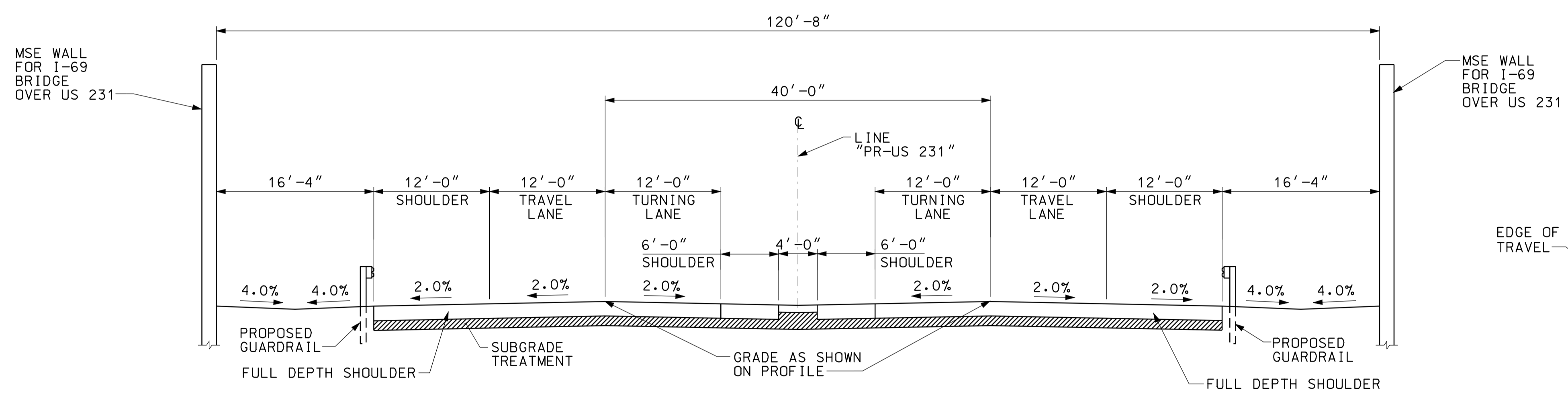
TYPICAL SECTIONS  
 US 231, SR 45/58

HORIZONTAL SCALE	BRIDGE FILE	
1/8" = 1'		
VERTICAL SCALE	DESIGNATION	
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SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	TS-03	5 of 373
	PROJECT	
	0500445	

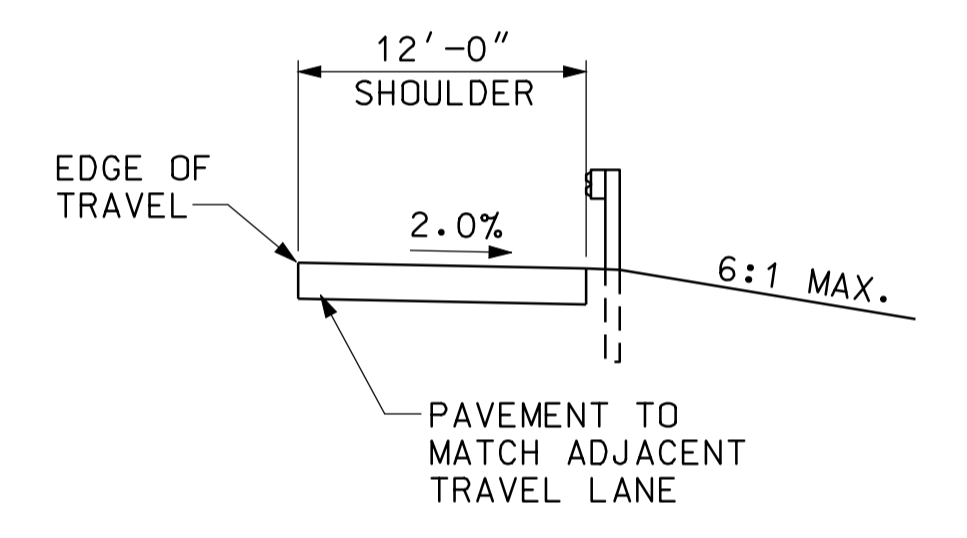
- 1 0'-0" TO 40'-0" FROM  
STA. 141+50.00 TO STA. 159+81.00 LINE "PR-US 231"  
40'-0" FROM  
STA. 159+81.00 TO STA. 172+50.00 LINE "PR-US 231"  
40'-0" TO 0'-0" FROM  
STA. 172+50.00 TO STA. 191+10.00 LINE "PR-US 231"
- 2 12'-0" FROM  
STA. 141+50.00 TO STA. 167+30.11 LINE "PR-US 231" AND  
12'-0" TO 0'-0" FROM  
STA. 177+10.00 TO STA. 178+10.00 LINE "PR-US 231"
- 3 0'-0" TO 12'-0" FROM  
STA. 161+98.00 TO STA. 162+98.00 LINE "PR-US 231"  
12'-0" FROM  
STA. 162+98.00 TO STA. 167+99.05 LINE "PR-US 231"



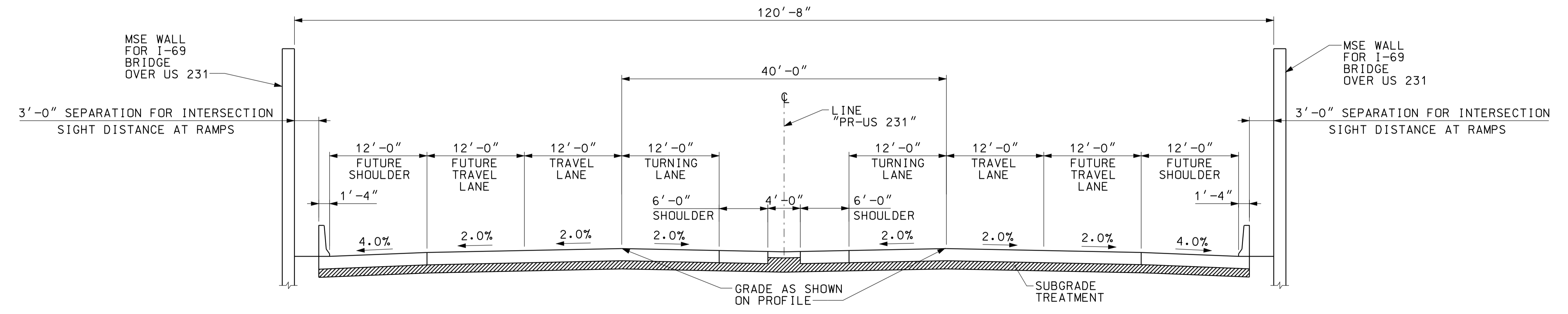
TYPICAL SECTION - US 231 (PCC PAVEMENT)  
STA. 141+50.00 "PR-US 231" TO STA. 191+10.00 "PR-US 231"



TYPICAL SECTION - US 231  
SECTION UNDER I-69

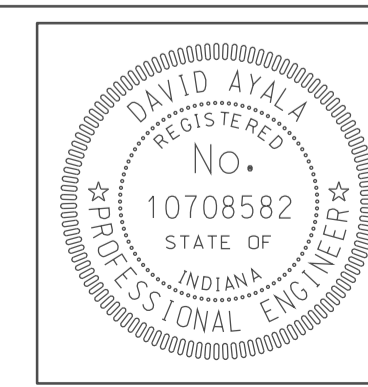


TYPICAL SECTION - US 231  
STA. 169+06.46 NB "PR-US 231" TO  
STA. 171+21.41 NB "PR-US 231"  
STA. 168+64.47 SB "PR-US 231" TO  
STA. 170+70.26 SB "PR-US 231"



TYPICAL SECTION - US 231  
FUTURE FOUR LANE SECTION UNDER I-69  
(FOR INFORMATION ONLY)

10/10/2010 09:59  
 IP: P:\P\80025\A\SEG\T5004.dgn

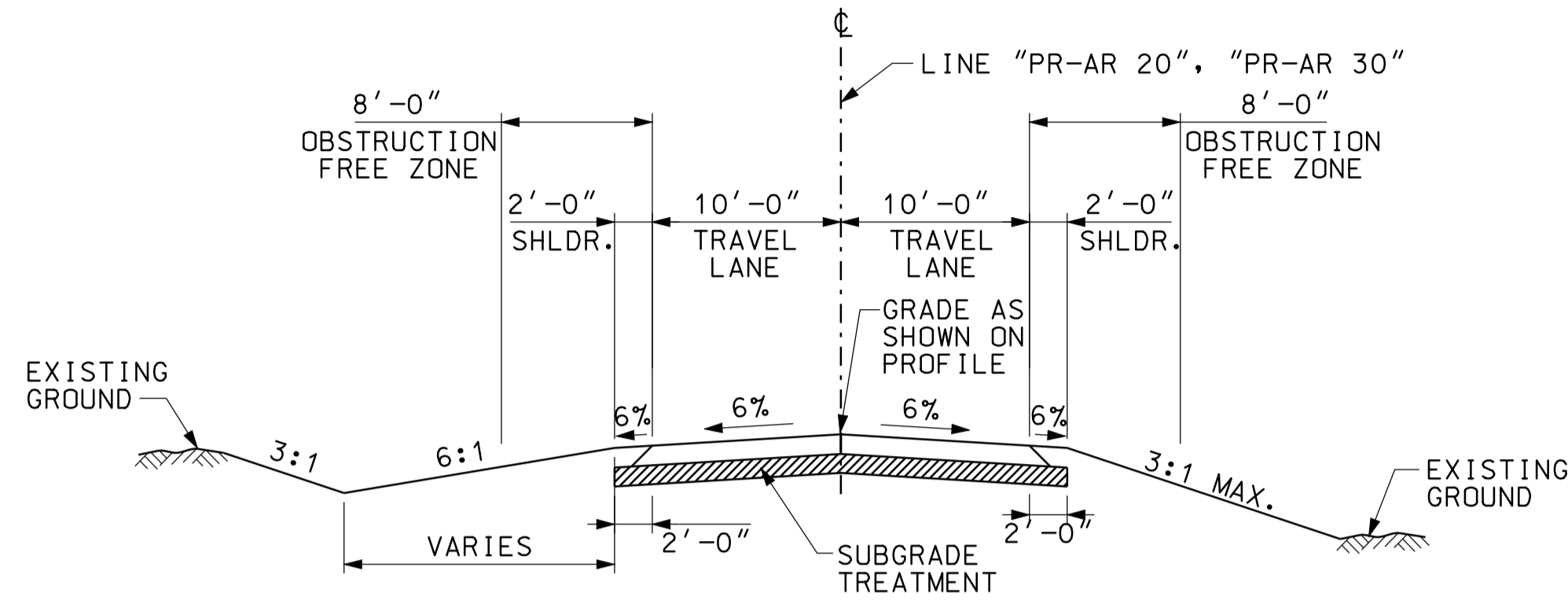


RECOMMENDED FOR APPROVAL *com jo*  
 DESIGN ENGINEER DATE 5/5/10  
 DESIGNED: TAH DRAWN: DH  
 CHECKED: NOH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION  
 TYPICAL SECTIONS US 231

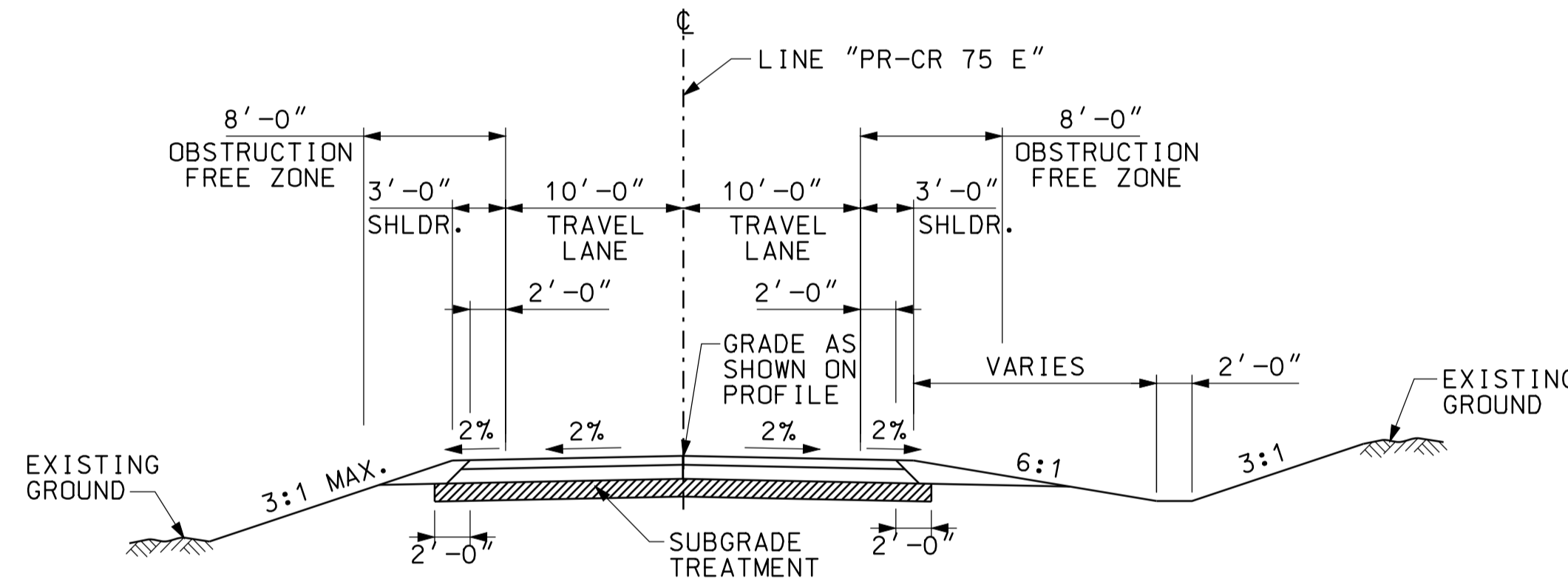
HORIZONTAL SCALE	BRIDGE FILE
1/8" = 1'	
VERTICAL SCALE	DESIGNATION
	0500445
SURVEY BOOK	DWG. NO. SHEET NO.
	TS-04 6 of 373
CONTRACT	PROJECT
IR-33051	0500445

- 7 10'-0" FROM STA. 50+10.34 TO STA. 58+18.33 LINE "PR-CR 710 S" 10'-0" TO 12'-0" FROM STA. 58+18.33 TO STA. 59+75.26 LINE "PR-CR 710 S" 12'-0" FROM STA. 59+75.26 TO STA. 63+74.84 LINE "PR-CR 710 S"
- 8 0'-0" FROM STA. 50+10.34 TO STA. 59+08.73 LINE "PR-CR 710 S" 0'-0" TO 12'-0" FROM STA. 59+08.73 TO STA. 61+78.87 LINE "PR-CR 710 S" 12'-0" FROM STA. 61+78.87 TO STA. 63+74.84 LINE "PR-CR 710 S"



TYPICAL SECTION - AR 20, AR 30 (AGGREGATE PAVEMENT)

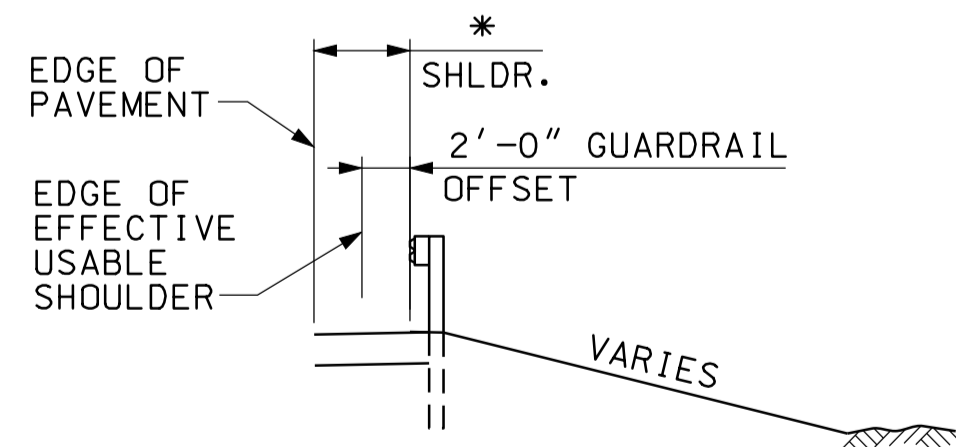
STA. 50+00.00 "PR-AR 20" TO STA. 62+75.60 "PR-AR 20"  
 STA. 51+00.00 "PR-AR 30" TO STA. 62+84.73 "PR-AR 30"



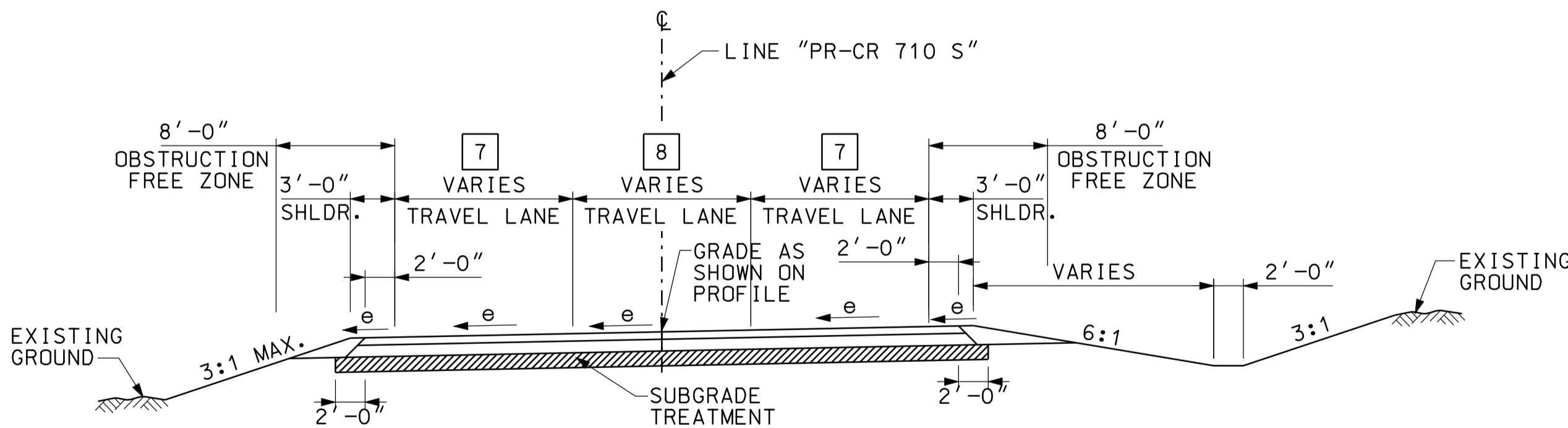
TYPICAL SECTION - CR 75 E (HMA PAVEMENT)

STA. 48+00.00 "PR-CR 75 E" TO STA. 64+93.52 "PR-CR 75 E"

\* 4'-0" SHOULDER FOR S-LINES  
 6'-0" LT AND 10'-0" RT SHOULDER FOR RAMPS

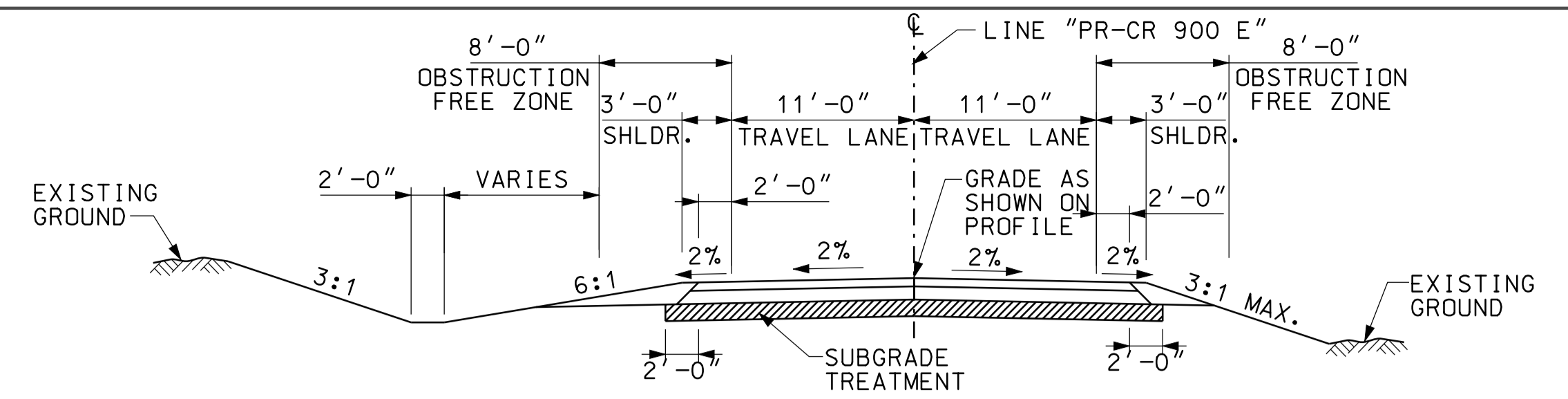


TYPICAL SECTION W/GUARDRAIL



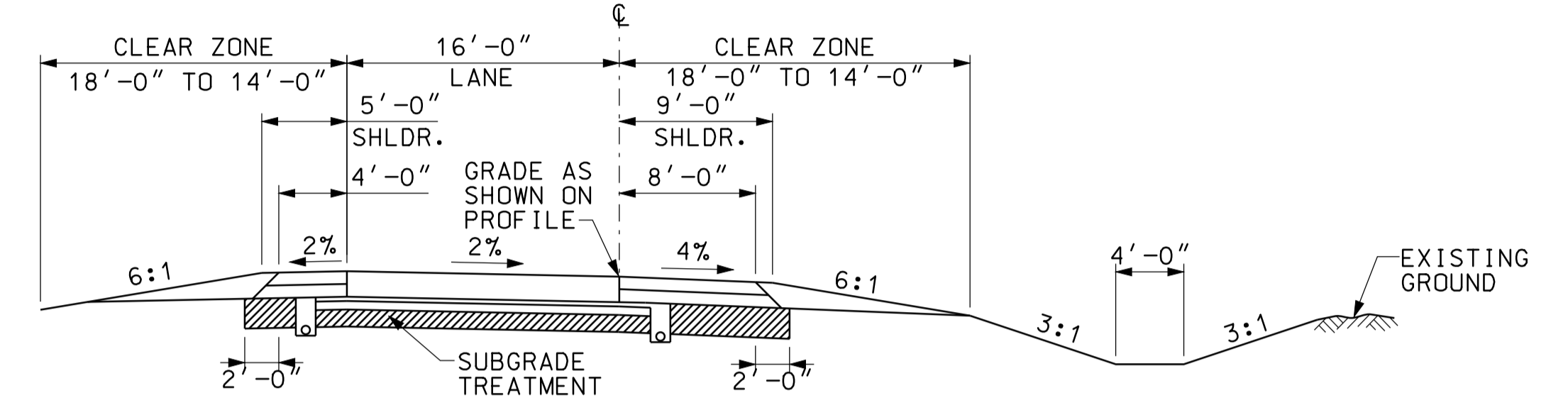
TYPICAL SUPERELEVATED SECTION CR 710 S (HMA PAVEMENT)

STA. 51+68.00 "PR-CR 710 S" TO STA. 55+42.00 "PR-CR 710 S" (R=1000', e=3.8%)  
 STA. 58+64.00 "PR-CR 710 S" TO STA. 62+35.00 "PR-CR 710 S" (R=1000', e=3.8%)



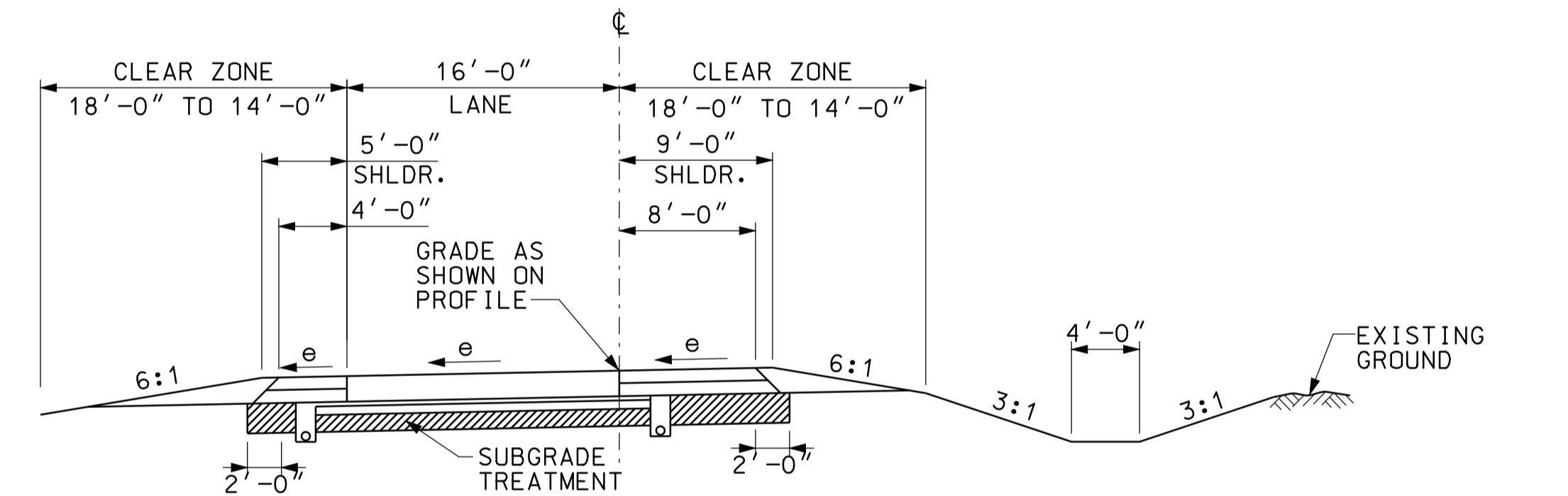
TYPICAL SECTION - CR 900 E (HMA PAVEMENT)

STA. 102+85.00 "PR-CR 900 E" TO STA. 106+75.00 "PR-CR 900 E"



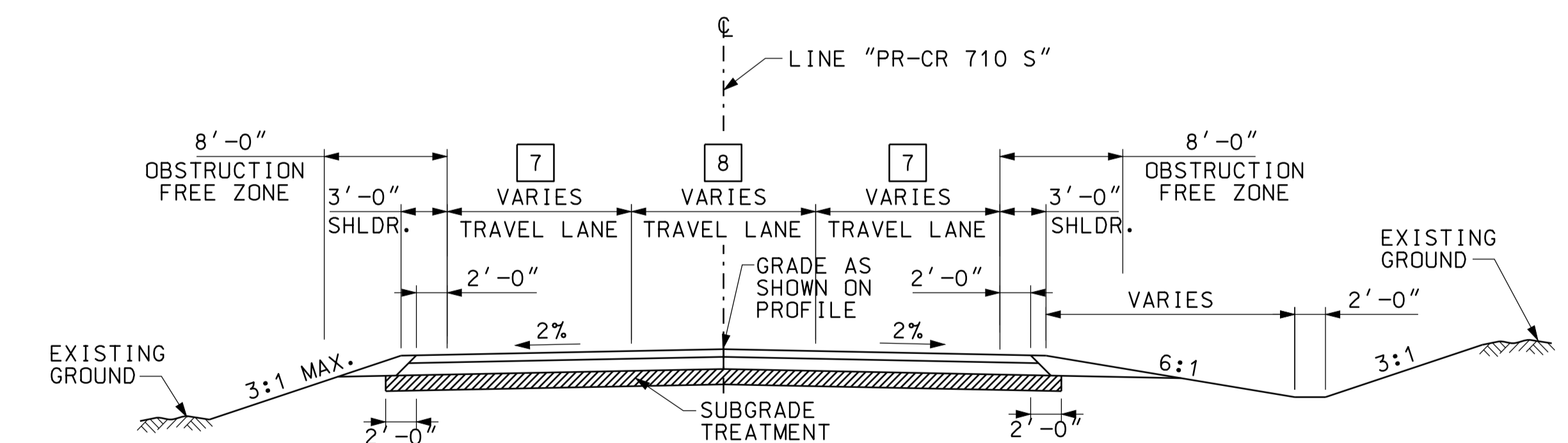
TYPICAL TANGENT SECTION - INTERCHANGE RAMPS

STA. 19+99.63 RAMP "ES" TO STA. 30+06.59 RAMP "ES"  
 STA. 14+86.00 RAMP "NE" TO STA. 20+84.28 RAMP "NE"  
 STA. 14+86.00 RAMP "SW" TO STA. 20+83.71 RAMP "SW"  
 STA. 17+99.63 RAMP "WN" TO STA. 30+06.59 RAMP "WN"



TYPICAL SUPERELEVATED SECTION - INTERCHANGE RAMPS

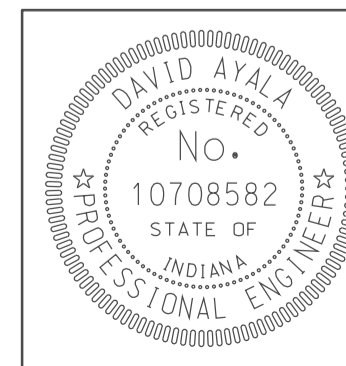
STA. 10+29.14 RAMP "NE" TO STA. 14+86.00 RAMP "NE" (R=3650', e=2.0%)  
 STA. 10+29.14 RAMP "SW" TO STA. 14+86.00 RAMP "SW" (R=3650', e=2.0%)



TYPICAL TANGENT SECTION - CR 710 S (HMA PAVEMENT)

STA. 50+10.34 "PR-CR 710 S" TO STA. 51+68.00 "PR-CR 710 S"  
 STA. 55+42.00 "PR-CR 710 S" TO STA. 58+64.00 "PR-CR 710 S"  
 STA. 62+35.00 "PR-CR 710 S" TO STA. 63+74.84 "PR-CR 710 S"

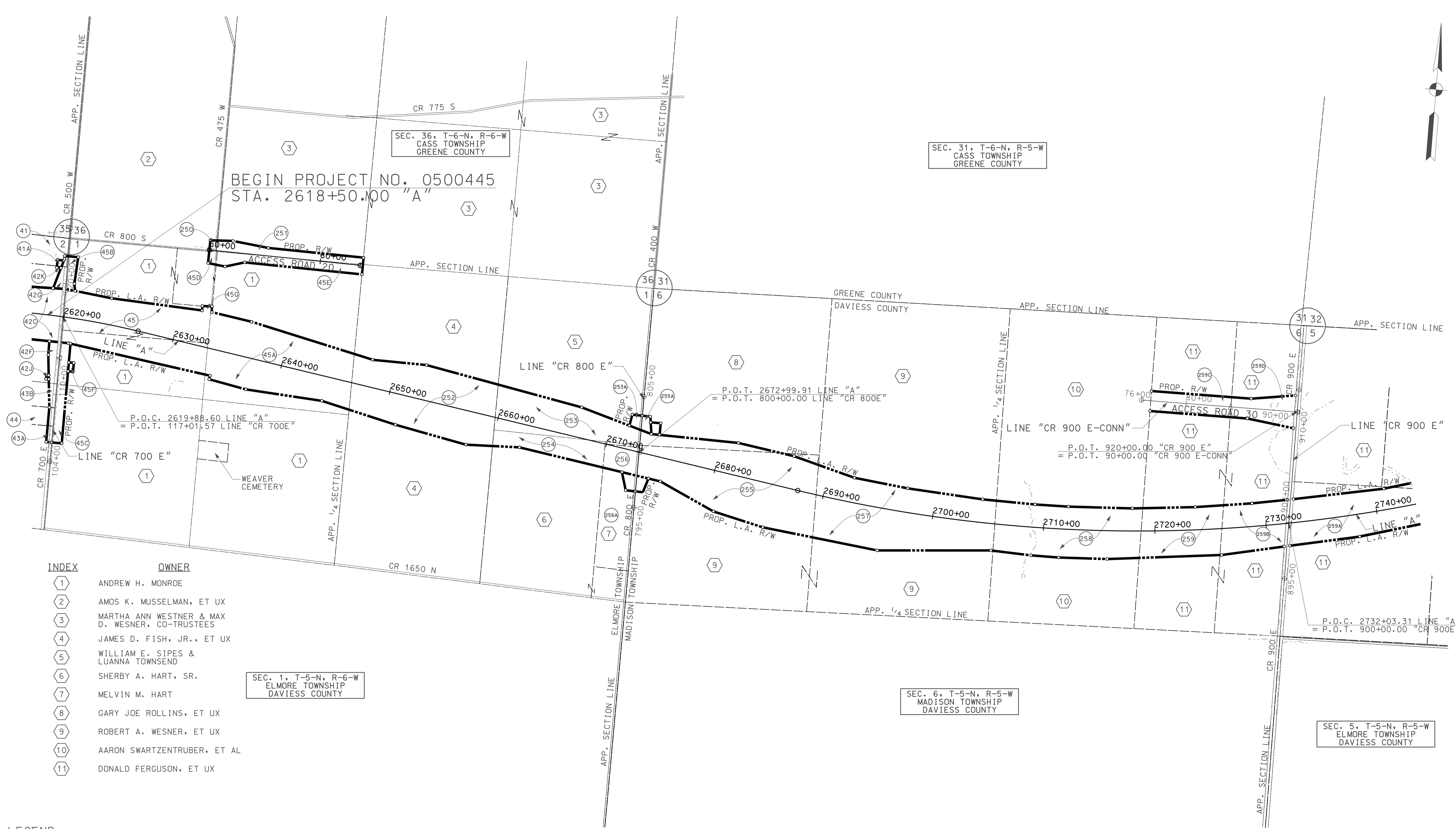
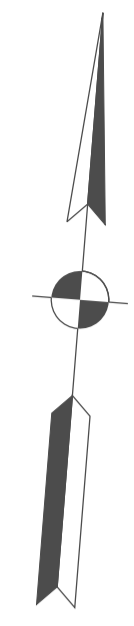
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RECOMMENDED FOR APPROVAL	<i>em jg</i>	DESIGN ENGINEER	DATE
			5/5/10
DESIGNED:	TAH	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA DEPARTMENT OF TRANSPORTATION	
TYPICAL SECTIONS S-LINES AND RAMPS	

HORIZONTAL SCALE	BRIDGE FILE	
1/8" = 1'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	TS-05	7 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



BEGIN PROJECT NO. 0500445  
STA. 2618+50.00 "A"

SEC. 36, T-6-N, R-6-W  
CASS TOWNSHIP  
GREENE COUNTY

SEC. 31, T-6-N, R-5-W  
CASS TOWNSHIP  
GREENE COUNTY

SEC. 1, T-5-N, R-6-W  
ELMORE TOWNSHIP  
DAVIESS COUNTY

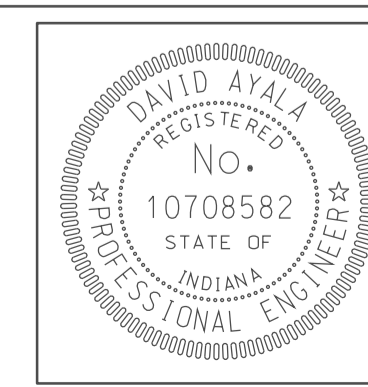
SEC. 6, T-5-N, R-5-W  
MADISON TOWNSHIP  
DAVIESS COUNTY

SEC. 5, T-5-N, R-5-W  
ELMORE TOWNSHIP  
DAVIESS COUNTY

INDEX	OWNER
1	ANDREW H. MONROE
2	AMOS K. MUSSELMAN, ET UX
3	MARTHA ANN WESTNER & MAX D. WESNER, CO-TRUSTEES
4	JAMES D. FISH, JR., ET UX
5	WILLIAM E. SIPES & LUANNA TOWNSEND
6	SHERBY A. HART, SR.
7	MELVIN M. HART
8	GARY JOE ROLLINS, ET UX
9	ROBERT A. WESNER, ET UX
10	AARON SWARTZENTRUBER, ET AL
11	DONALD FERGUSON, ET UX

LEGEND

(XX)	PARCEL NUMBER
(XX)	PROPERTY OWNER



RECOMMENDED FOR APPROVAL	<i>com jo</i>	DESIGN ENGINEER	DATE
DESIGNED:	BEJ	DRAWN:	DH
CHECKED:	SNM	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAT NO. 1

HORIZONTAL SCALE	BRIDGE FILE	
1" = 400'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PS-01	8 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

10/10/2010 10:00:00 AM IP: P:\P\10025\A\SE\G\35001.dgn 09:59



INDEX	OWNER
12	RICHARD WOODRUFF & SONS, INC.
13	LARRY D. & DONNA M. BRUNNER
14	BRENDA PICKET, TRUSTEE OF THE JEFF LONG REV. TRUST
15	MICHAEL WAYNE WAGLER, ET UX
16	TIM E. BAKER
17	BRENDA PICKET, TRUSTEE OF THE JEFF LONG REV. TRUST
18	RAY D. MALONE & DORIS A. MALONE, TRUSTEES
19	KEVIN B. BUSH
20	NED. A. MALONE
21	NED. A. MALONE, ET. UX.
22	DORIS A. & RAY D. MALONE, TRUSTEES OF THE DORIS A. MALONE REVOCABLE TRUST
23	GINNY D. CORNELIUS, SUCCESSOR TRUSTEE OF THE RURAL ROUTE LAND TRUST

SEC. 32, T-6-N, R-5-W  
CASS TOWNSHIP  
GREENE COUNTY

SEC. 33, T-6-N, R-5-W  
CASS TOWNSHIP  
GREENE COUNTY

SEC. 34, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

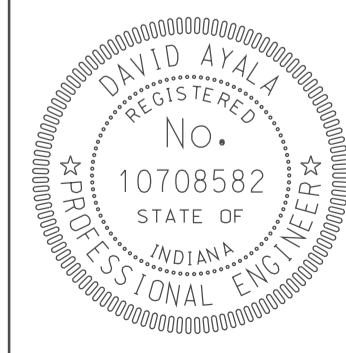
SEC. 5, T-5-N, R-5-W  
MADISON TOWNSHIP  
DAVISS COUNTY

SEC. 4, T-5-N, R-5-W  
MADISON TOWNSHIP  
DAVISS COUNTY

SEC. 3, T-5-N, R-5-W  
MADISON TOWNSHIP  
DAVISS COUNTY

LEGEND

- (XX) PARCEL NUMBER
- (XX) PROPERTY OWNER



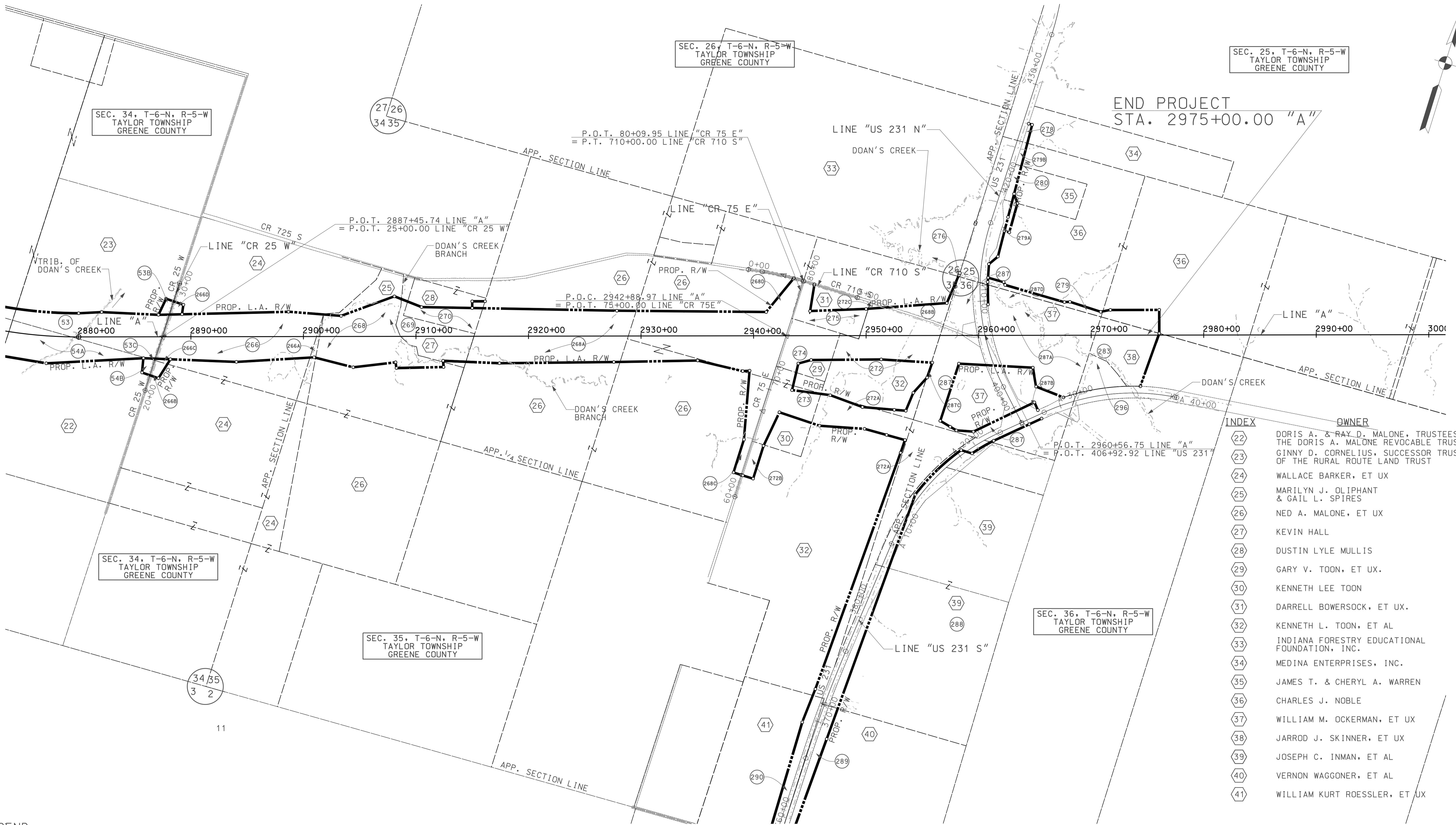
RECOMMENDED FOR APPROVAL	<i>com jg</i>	DESIGN ENGINEER	DATE
DESIGNED:	BEJ	DRAWN:	DH
CHECKED:	SNM	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAT NO. 1

HORIZONTAL SCALE	BRIDGE FILE	
1" = 400'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PS-02	9 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

09/15/10  
 IP\_PWP-10002545635002.dgn



SEC. 25, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

SEC. 34, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

SEC. 26, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

SEC. 34, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

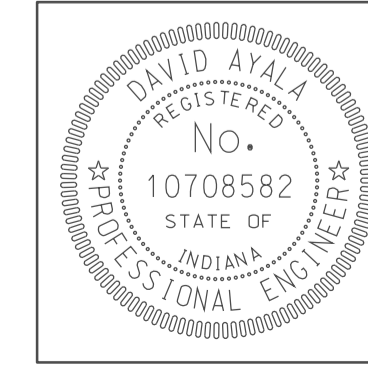
SEC. 35, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

SEC. 36, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

END PROJECT  
STA. 2975+00.00 "A"

INDEX	OWNER
22	DORIS A. & RAY D. MALONE, TRUSTEES OF THE DORIS A. MALONE REVOCABLE TRUST
23	GINNY D. CORNELIUS, SUCCESSOR TRUSTEE OF THE RURAL ROUTE LAND TRUST
24	WALLACE BARKER, ET UX
25	MARILYN J. OLIPHANT & GAIL L. SPIRES
26	NED A. MALONE, ET UX
27	KEVIN HALL
28	DUSTIN LYLE MULLIS
29	GARY V. TOON, ET UX.
30	KENNETH LEE TOON
31	DARRELL BOWERSOCK, ET UX.
32	KENNETH L. TOON, ET AL
33	INDIANA FORESTRY EDUCATIONAL FOUNDATION, INC.
34	MEDINA ENTERPRISES, INC.
35	JAMES T. & CHERYL A. WARREN
36	CHARLES J. NOBLE
37	WILLIAM M. OCKERMAN, ET UX
38	JARROD J. SKINNER, ET UX
39	JOSEPH C. INMAN, ET AL
40	VERNON WAGGONER, ET AL
41	WILLIAM KURT ROESSLER, ET UX

**LEGEND**  
 (XX) PARCEL NUMBER  
 (XX) PROPERTY OWNER



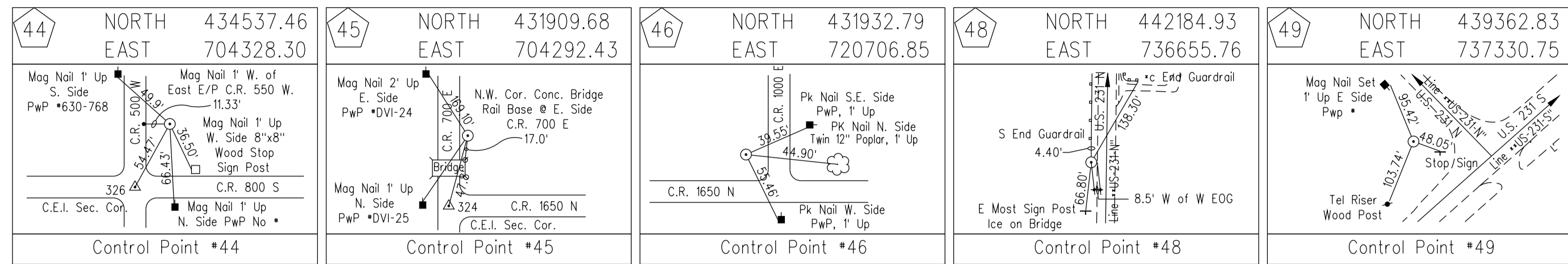
RECOMMENDED FOR APPROVAL *com jg*  
 DESIGN ENGINEER DATE 5/5/10  
 DESIGNED: BEJ DRAWN: DH  
 CHECKED: SNM CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION  
 PLAT NO. 1

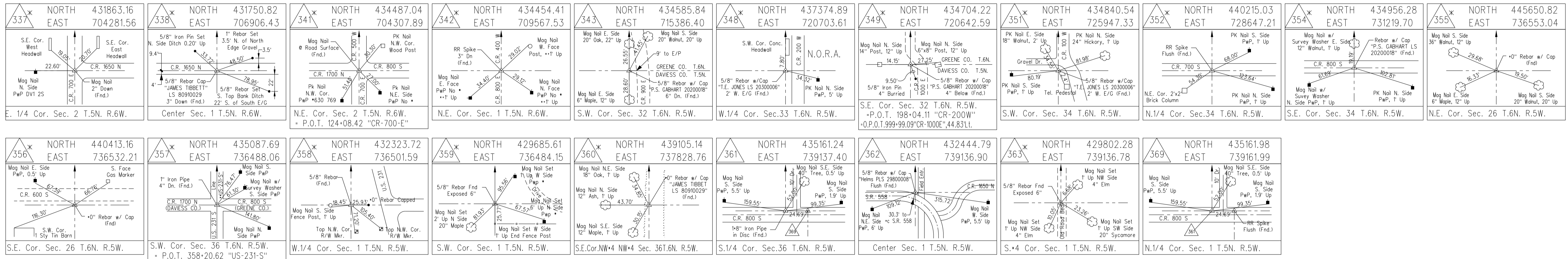
HORIZONTAL SCALE	BRIDGE FILE
1" = 400'	
VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	DWG. NO. SHEET NO.
	PS-03 10 of 373
CONTRACT	PROJECT
IR-33051	0500445

09:59  
 10/10/2010  
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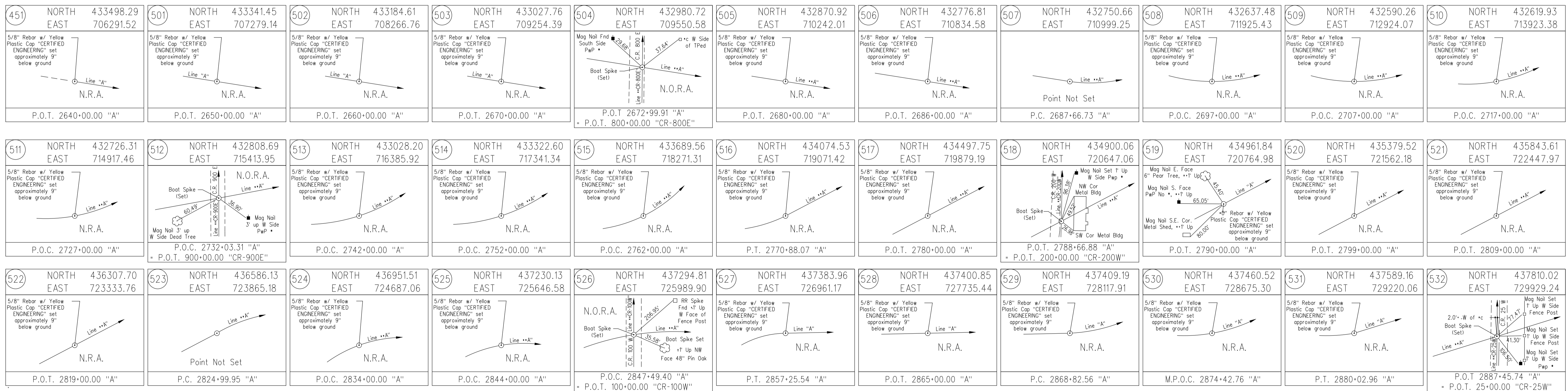
# CONTROL POINTS



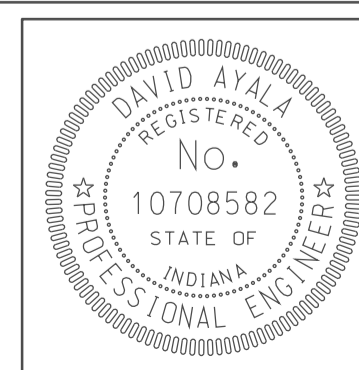
# SECTION CORNERS



# ALIGNMENT REFERENCE TIE



THE PRIMARY CONTROL, ALIGNMENT REFERENCE TIES AND SECTION CORNER CONTROL POINTS HAVE BEEN DUPLICATED FROM THE LOCATION CONTROL ROUTE SURVEY RECORDED OCTOBER 27, 2009 AS INSTR. NO. 09-5139 IN THE OFFICE OF DAVISSL COUNTY RECORDER AND RECORDED OCTOBER 27, 2009 AS INSTR. NO. 09-4682 IN THE OFFICE OF GREENE COUNTY RECORDER IS FOR INFORMATION ONLY. PLEASE REFER TO LOCATION CONTROL ROUTE SURVEY FOR MORE INFORMATION



RECOMMENDED FOR APPROVAL: *[Signature]*  
DESIGN ENGINEER  
DATE: 5/5/10

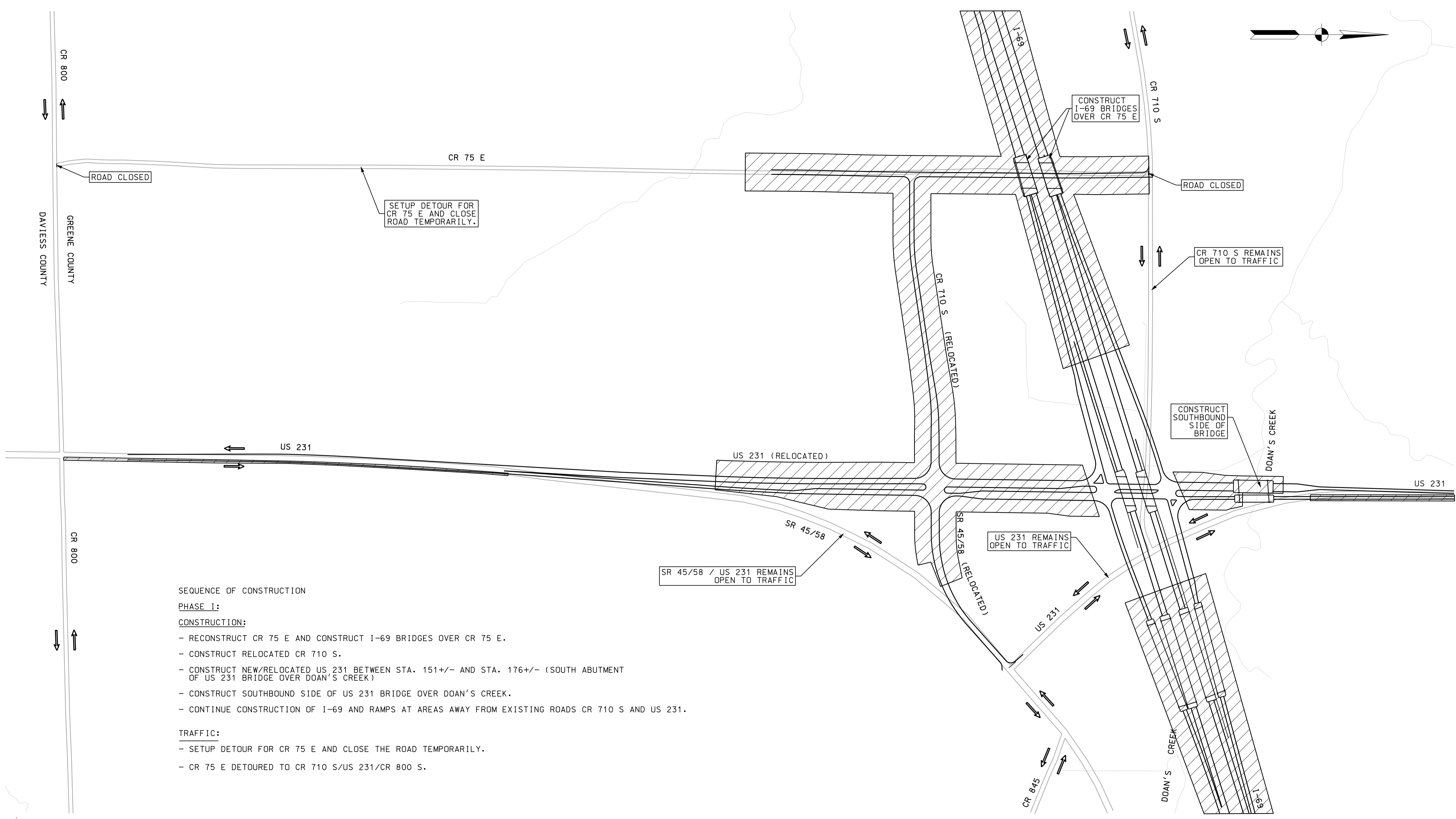
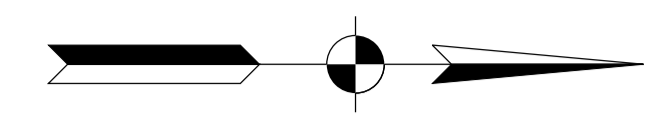
DESIGNED: NOH  
DRAWN: DH  
CHECKED: SNM  
CHECKED: DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

GEOMETRIC TIE-UP SHEET

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 0500445
SURVEY BOOK	DWG. NO. CP-01
CONTRACT IR-33051	SHEET NO. 11 of 373 PROJECT 0500445





ROAD CLOSED

SETUP DETOUR FOR CR 75 E AND CLOSE ROAD TEMPORARILY.

CONSTRUCT I-69 BRIDGES OVER CR 75 E

ROAD CLOSED

CR 710 S REMAINS OPEN TO TRAFFIC

CONSTRUCT SOUTHBOUND SIDE OF BRIDGE

SR 45/58 / US 231 REMAINS OPEN TO TRAFFIC

US 231 REMAINS OPEN TO TRAFFIC

SEQUENCE OF CONSTRUCTION

PHASE I:

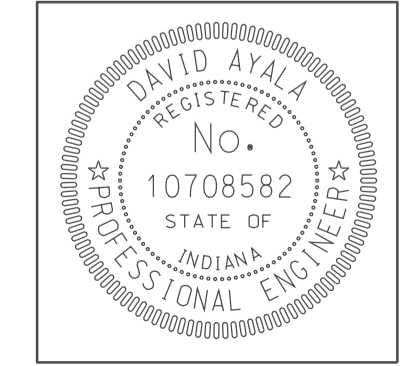
CONSTRUCTION:

- RECONSTRUCT CR 75 E AND CONSTRUCT I-69 BRIDGES OVER CR 75 E.
- CONSTRUCT RELOCATED CR 710 S.
- CONSTRUCT NEW/RELOCATED US 231 BETWEEN STA. 151+/- AND STA. 176+/- (SOUTH ABUTMENT OF US 231 BRIDGE OVER DOAN'S CREEK)
- CONSTRUCT SOUTHBOUND SIDE OF US 231 BRIDGE OVER DOAN'S CREEK.
- CONTINUE CONSTRUCTION OF I-69 AND RAMPS AT AREAS AWAY FROM EXISTING ROADS CR 710 S AND US 231.

TRAFFIC:

- SETUP DETOUR FOR CR 75 E AND CLOSE THE ROAD TEMPORARILY.
- CR 75 E DETOURED TO CR 710 S/US 231/CR 800 S.

**LEGEND**  
 PHASE I CONSTRUCTION AREA  
 REMOVAL OF EXISTING PAVEMENT

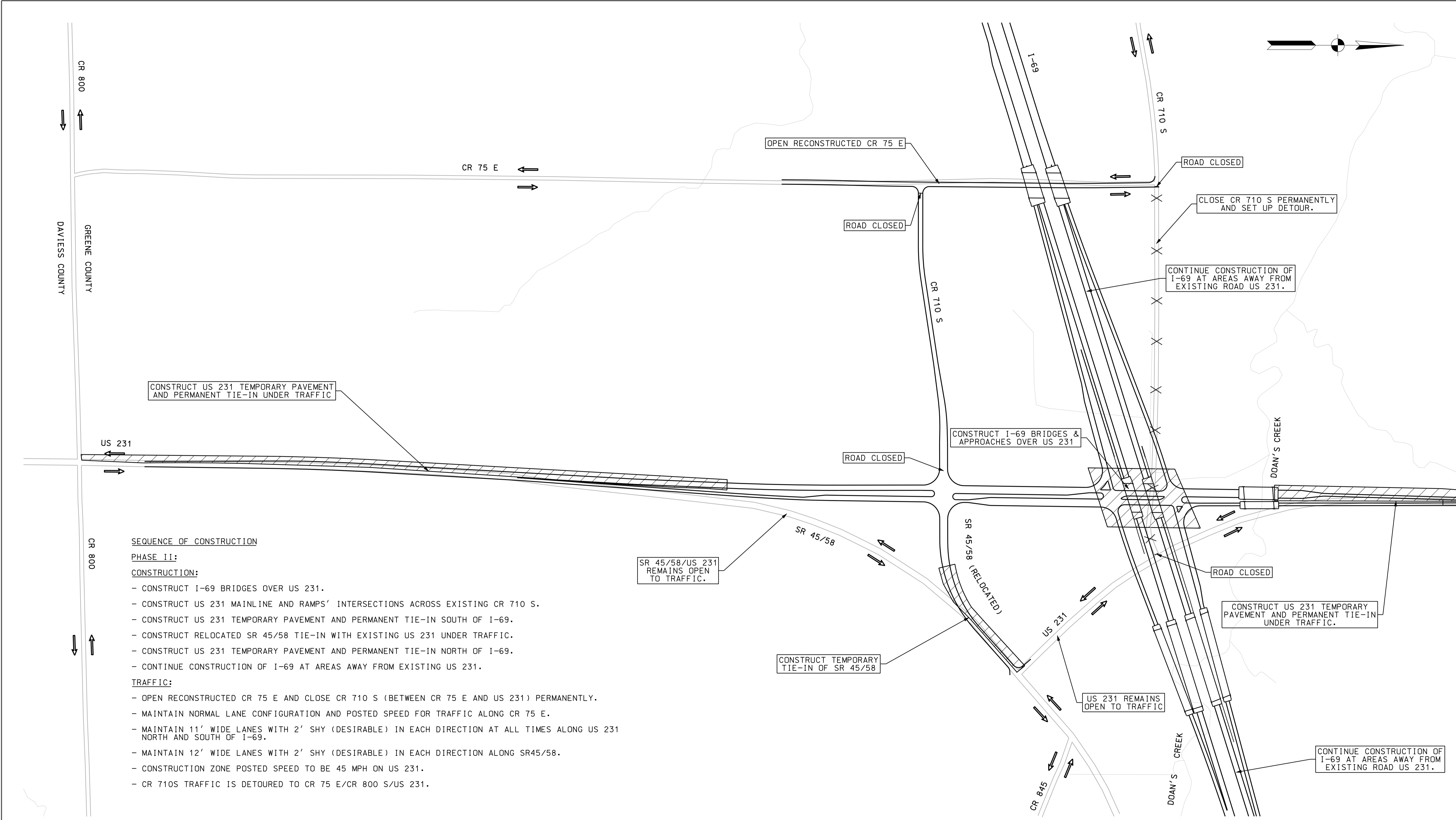


RECOMMENDED FOR APPROVAL *em jg* 5/5/10  
 DESIGN ENGINEER DATE  
 DESIGNED: OCS DRAWN: BO  
 CHECKED: NDH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION  
 MAINTENANCE OF TRAFFIC  
 I-69/US231 INTERCHANGE  
 PHASE I

HORIZONTAL SCALE	BRIDGE FILE		
1" = 200'			
VERTICAL SCALE	DESIGNATION		
	0500445		
SURVEY BOOK	DWG. NO.	SHEET NO.	
	MT-01	13 of 373	
CONTRACT	PROJECT		
IR-33051	0500445		

10800  
 IP\_PWP-6186025A-SEGG1MTO01.dgn  
 5/10/10 10:35:28 AM



SEQUENCE OF CONSTRUCTION

PHASE II:

CONSTRUCTION:

- CONSTRUCT I-69 BRIDGES OVER US 231.
- CONSTRUCT US 231 MAINLINE AND RAMP'S INTERSECTIONS ACROSS EXISTING CR 710 S.
- CONSTRUCT US 231 TEMPORARY PAVEMENT AND PERMANENT TIE-IN SOUTH OF I-69.
- CONSTRUCT RELOCATED SR 45/58 TIE-IN WITH EXISTING US 231 UNDER TRAFFIC.
- CONSTRUCT US 231 TEMPORARY PAVEMENT AND PERMANENT TIE-IN NORTH OF I-69.
- CONTINUE CONSTRUCTION OF I-69 AT AREAS AWAY FROM EXISTING US 231.

TRAFFIC:

- OPEN RECONSTRUCTED CR 75 E AND CLOSE CR 710 S (BETWEEN CR 75 E AND US 231) PERMANENTLY.
- MAINTAIN NORMAL LANE CONFIGURATION AND POSTED SPEED FOR TRAFFIC ALONG CR 75 E.
- MAINTAIN 11' WIDE LANES WITH 2' SHY (DESIRABLE) IN EACH DIRECTION AT ALL TIMES ALONG US 231 NORTH AND SOUTH OF I-69.
- MAINTAIN 12' WIDE LANES WITH 2' SHY (DESIRABLE) IN EACH DIRECTION ALONG SR45/58.
- CONSTRUCTION ZONE POSTED SPEED TO BE 45 MPH ON US 231.
- CR 710S TRAFFIC IS DETOURED TO CR 75 E/CR 800 S/US 231.

SR 45/58/US 231  
REMAINS OPEN  
TO TRAFFIC.

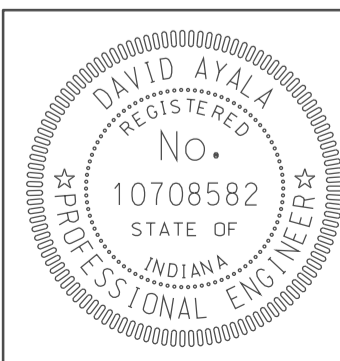
CONSTRUCT TEMPORARY  
TIE-IN OF SR 45/58

CONSTRUCT US 231 TEMPORARY  
PAVEMENT AND PERMANENT TIE-IN  
UNDER TRAFFIC.

CONTINUE CONSTRUCTION OF  
I-69 AT AREAS AWAY FROM  
EXISTING ROAD US 231.

LEGEND

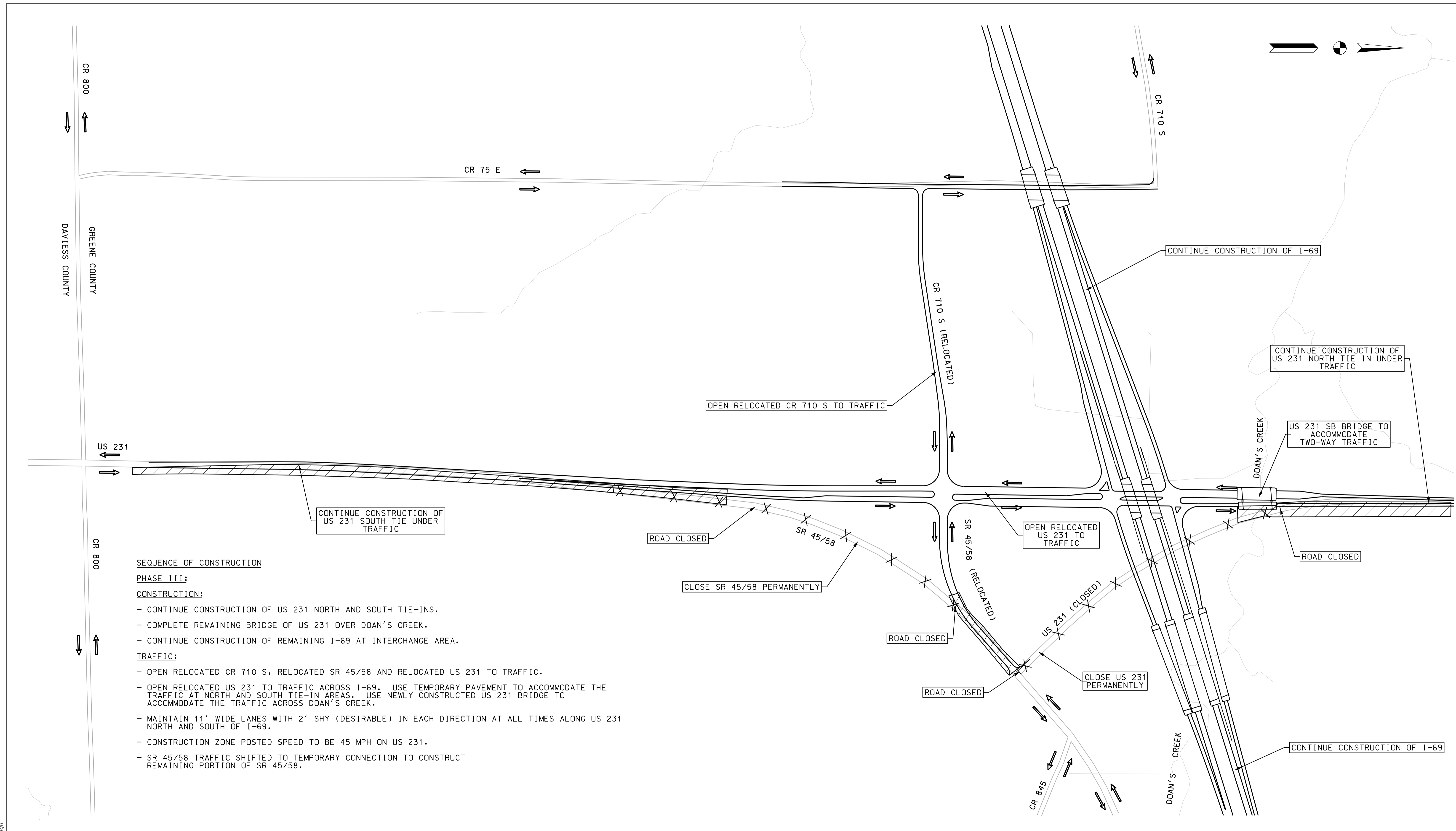
	PHASE II CONSTRUCTION AREA
X X X	REMOVAL OF EXISTING PAVEMENT



RECOMMENDED FOR APPROVAL		<i>com jo</i>		5/5/10	
		DESIGN ENGINEER		DATE	
DESIGNED:	OCS	DRAWN:	BO		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC  
I-69/US231 INTERCHANGE  
PHASE II**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 200'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	MT-02	14 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



**SEQUENCE OF CONSTRUCTION**

**PHASE III:**

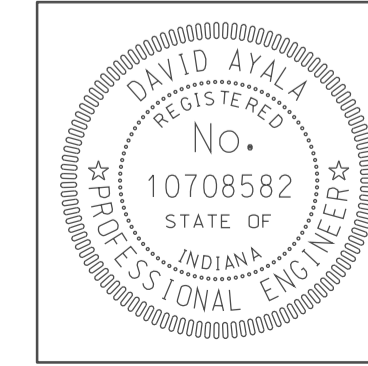
**CONSTRUCTION:**

- CONTINUE CONSTRUCTION OF US 231 NORTH AND SOUTH TIE-INS.
- COMPLETE REMAINING BRIDGE OF US 231 OVER DOAN'S CREEK.
- CONTINUE CONSTRUCTION OF REMAINING I-69 AT INTERCHANGE AREA.

**TRAFFIC:**

- OPEN RELOCATED CR 710 S, RELOCATED SR 45/58 AND RELOCATED US 231 TO TRAFFIC.
- OPEN RELOCATED US 231 TO TRAFFIC ACROSS I-69. USE TEMPORARY PAVEMENT TO ACCOMMODATE THE TRAFFIC AT NORTH AND SOUTH TIE-IN AREAS. USE NEWLY CONSTRUCTED US 231 BRIDGE TO ACCOMMODATE THE TRAFFIC ACROSS DOAN'S CREEK.
- MAINTAIN 11' WIDE LANES WITH 2' SHY (DESIRABLE) IN EACH DIRECTION AT ALL TIMES ALONG US 231 NORTH AND SOUTH OF I-69.
- CONSTRUCTION ZONE POSTED SPEED TO BE 45 MPH ON US 231.
- SR 45/58 TRAFFIC SHIFTED TO TEMPORARY CONNECTION TO CONSTRUCT REMAINING PORTION OF SR 45/58.

**LEGEND**  
 PHASE III CONSTRUCTION AREA  
 X X X REMOVAL OF EXISTING PAVEMENT



RECOMMENDED FOR APPROVAL	<i>(Signature)</i>		5/5/10 DATE
DESIGNED:	OCS	DRAWN:	BO
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC  
I-69/US231 INTERCHANGE  
PHASE III

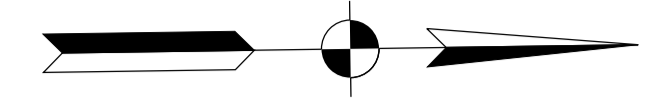
HORIZONTAL SCALE	BRIDGE FILE		
1" = 200'			
VERTICAL SCALE	DESIGNATION		
	0500445		
SURVEY BOOK	DWG. NO.	SHEET NO.	
	MT-03	15 of 373	
CONTRACT	PROJECT		
IR-33051	0500445		

10400  
 10400 05/05/2010  
 IP\_PWP-FIN-6025-ASEG/MT/03.dgn

110

115

120



1'-0" MIN.  
2'-0" DESIRABLE

11'-0"

11'-0"

1'-0" MIN.  
2'-0" DESIRABLE

2'-0"

VARIES

EXISTING PAVEMENT

TEMPORARY PAVEMENT

TEMPORARY TRAFFIC BARRIER TYPE 2

US 231

CR 800 S

PROP. R/W

APP. EX. L.A. R/W

LINE "PR-US231"

110+00

115+00

120+00

US 231/SR 45/58

US 231 (SOUTHBOUND LANE) 11'

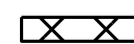



US 231 (NORTHBOUND LANE) 11'

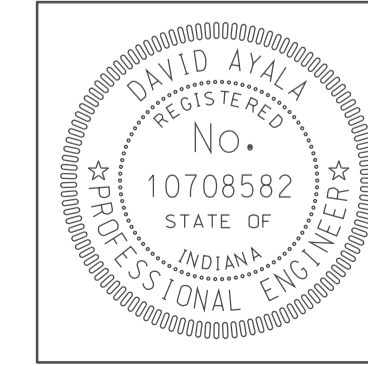
TEMPORARY PAVEMENT (WIDTH VARIES)

PROP. R/W

ENERGY ABSORBING TERMINAL

CR 800 S

- LEGEND**
-  TEMPORARY PAVEMENT UNDER CONSTRUCTION
  -  PERMANENT PAVEMENT UNDER CONSTRUCTION
  -  PREVIOUSLY CONSTRUCTED
  -  TEMPORARY TRAFFIC BARRIER - TYPE 2



RECOMMENDED FOR APPROVAL	<i>com jg</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	BO
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

MOT PLAN - US 231, SOUTH OF I-69  
PHASE I  
STA. 108+00 TO STA. 124+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	MT-04	16 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

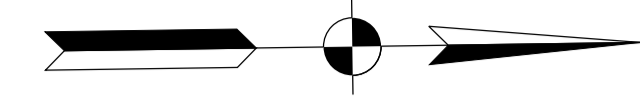
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IP: P:\P\8025\ASEG\MT004.dgn



125

130

135



1'-0" MIN.  
2'-0" DESIRABLE

11'-0"

11'-0"

1'-0" MIN.  
2'-0" DESIRABLE

2'-0"

VARIES

EXISTING PAVEMENT

US 231

TEMPORARY PAVEMENT

TEMPORARY TRAFFIC BARRIER TYPE 2

PROP. R/W

PROP. R/W

APP. EX. L.A. R/W

LINE "PR-US231"

125+00

11'

US 231/SR 45/58

130+00

US 231 (SOUTHBOUND LANE)

135+00

US 231 (NORTHBOUND LANE)

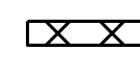
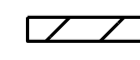


APP. EX. L.A. R/W

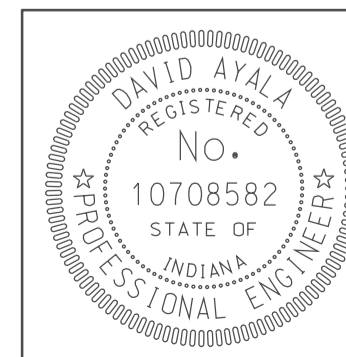
TEMPORARY PAVEMENT  
(WIDTH VARIES)

PROP. R/W

PROP. R/W

LEGEND

-  TEMPORARY PAVEMENT UNDER CONSTRUCTION
-  PERMANENT PAVEMENT UNDER CONSTRUCTION
-  PREVIOUSLY CONSTRUCTED
-  TEMPORARY TRAFFIC BARRIER - TYPE 2

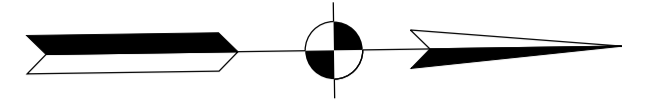


RECOMMENDED FOR APPROVAL *em jo* 5/5/10  
 DESIGN ENGINEER DATE

DESIGNED: OCS DRAWN: BO  
 CHECKED: NDH CHECKED: DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 MOT PLAN - US 231, SOUTH OF I-69  
 PHASE I  
 STA. 124+00 TO STA. 140+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. MT-05	SHEET NO. 17 of 373
CONTRACT IR-33051	PROJECT 0500445	

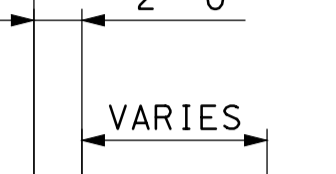
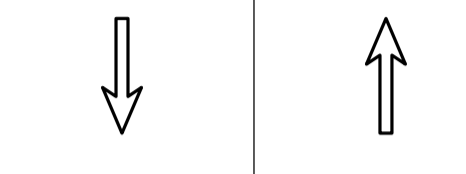


175

180

185

1'-0" MIN.  
2'-0" DESIRABLE



VARIES

EXISTING PAVEMENT

TEMPORARY PAVEMENT

TEMPORARY TRAFFIC BARRIER TYPE 2

US 231

APP. EX. L.A. R/W

LINE "PR-US231"

ENERGY ABSORBING TERMINAL

ENERGY ABSORBING TERMINAL

175+00

180+00

185+00

US 231 (SOUTHBOUND LANE)  
US 231 (NORTHBOUND LANE)

TEMPORARY PAVEMENT (WIDTH VARIES)

ENERGY ABSORBING TERMINAL

APP. EX. L.A. R/W

PROP. R/W

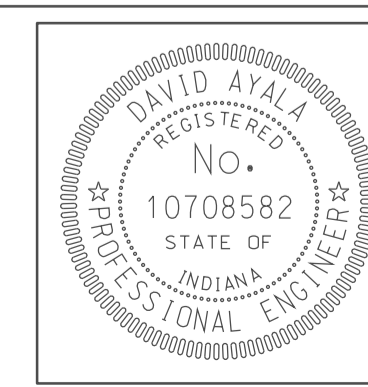
MAINTAIN ACCESS DURING CONSTRUCTION

US 231 (SOUTHBOUND LANE)  
US 231 (NORTHBOUND LANE)

12'  
12'

**LEGEND**

	TEMPORARY PAVEMENT UNDER CONSTRUCTION
	PERMANENT PAVEMENT UNDER CONSTRUCTION
	PREVIOUSLY CONSTRUCTED
	TEMPORARY TRAFFIC BARRIER - TYPE 2



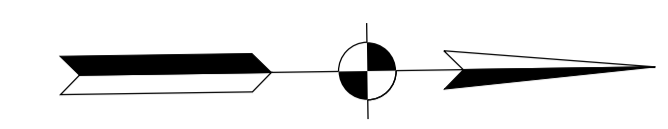
RECOMMENDED FOR APPROVAL	<i>com jo</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	BO
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

MOT PLAN - US 231, NORTH OF I-69  
PHASE I  
STA. 172+00 TO STA. 188+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
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SURVEY BOOK	DWG. NO.	SHEET NO.
	MT-06	18 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

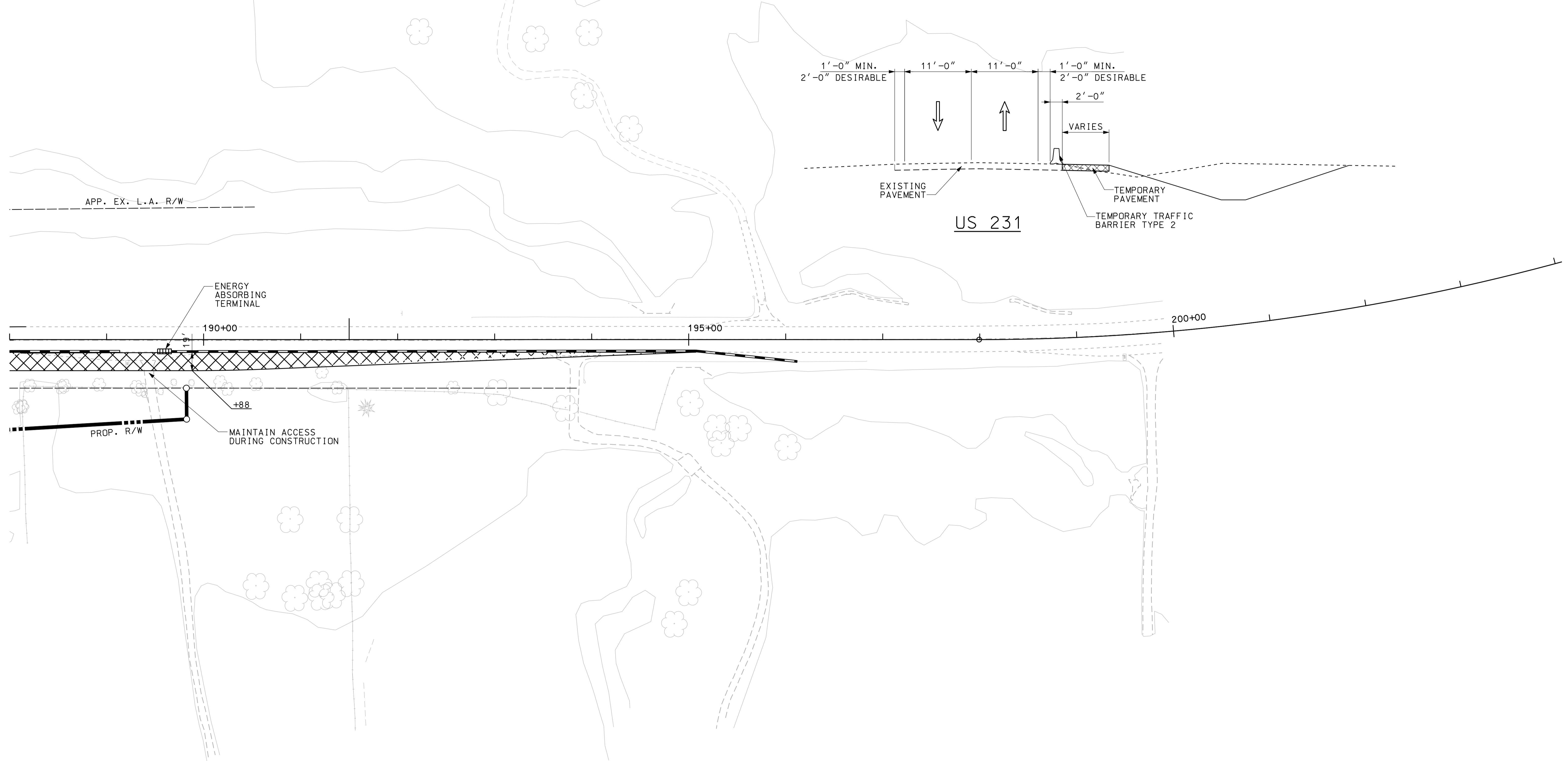
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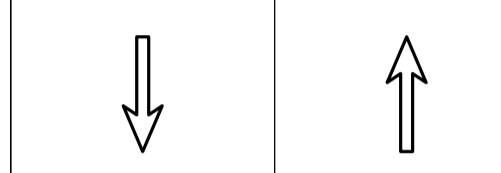
190

195

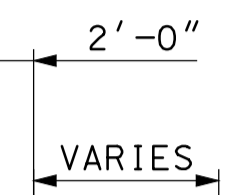
200



1'-0" MIN. 2'-0" DESIRABLE



1'-0" MIN. 2'-0" DESIRABLE



APP. EX. L.A. R/W

EXISTING PAVEMENT

TEMPORARY PAVEMENT

TEMPORARY TRAFFIC BARRIER TYPE 2

US 231

ENERGY ABSORBING TERMINAL

190+00

195+00

200+00

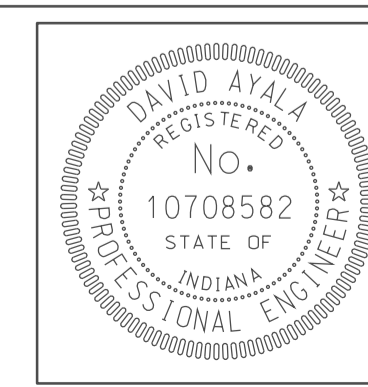
+8.8

MAINTAIN ACCESS DURING CONSTRUCTION

PROP. R/W

LEGEND

- TEMPORARY PAVEMENT UNDER CONSTRUCTION
- TEMPORARY TRAFFIC BARRIER - TYPE 2



RECOMMENDED FOR APPROVAL		5/5/10
DESIGNED: OCS	DRAWN: BO	DATE
CHECKED: NDH	CHECKED: DMA	

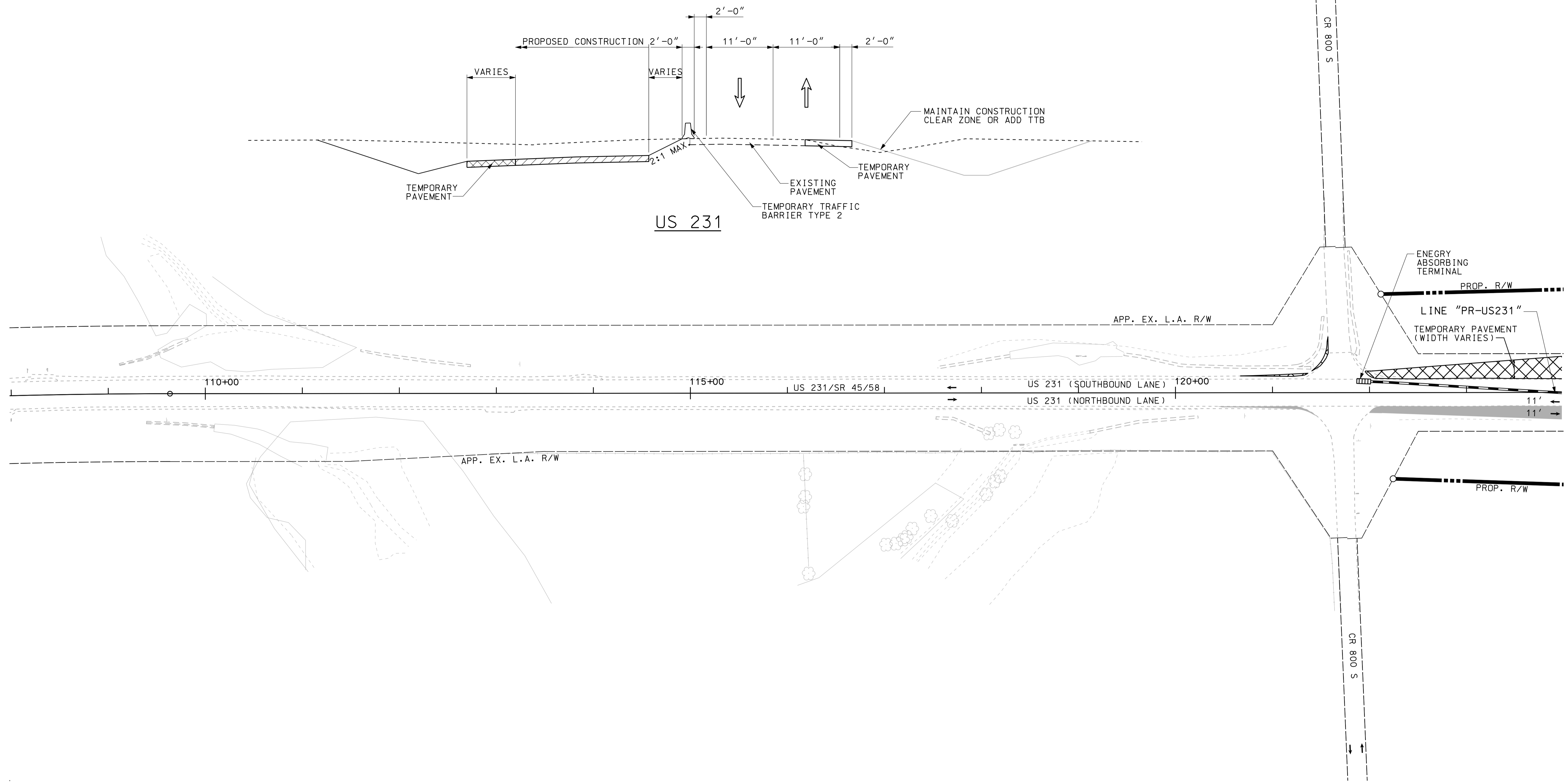
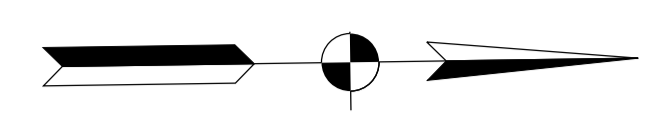
INDIANA  
DEPARTMENT OF TRANSPORTATION  
MOT PLAN - US 231, NORTH OF I-69  
PHASE I  
STA. 188+00 TO STA. 195+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 0500445
SURVEY BOOK	DWG. NO. MT-07
CONTRACT IR-33051	SHEET NO. 19 of 373
	PROJECT 0500445

110

115

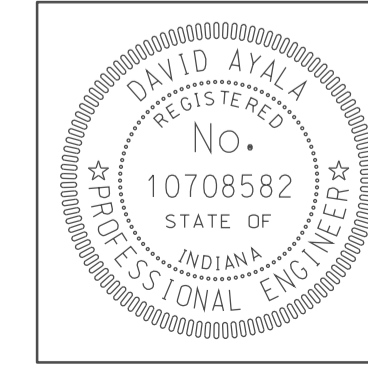
120



10/02  
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**LEGEND**

- TEMPORARY PAVEMENT UNDER CONSTRUCTION
- PERMANENT PAVEMENT UNDER CONSTRUCTION
- PREVIOUSLY CONSTRUCTED
- TEMPORARY TRAFFIC BARRIER - TYPE 2



RECOMMENDED FOR APPROVAL <i>com jg</i>		5/5/10
DESIGN ENGINEER		DATE
DESIGNED: OCS	DRAWN: BO	
CHECKED: NDH	CHECKED: DMA	

INDIANA  
DEPARTMENT OF TRANSPORTATION

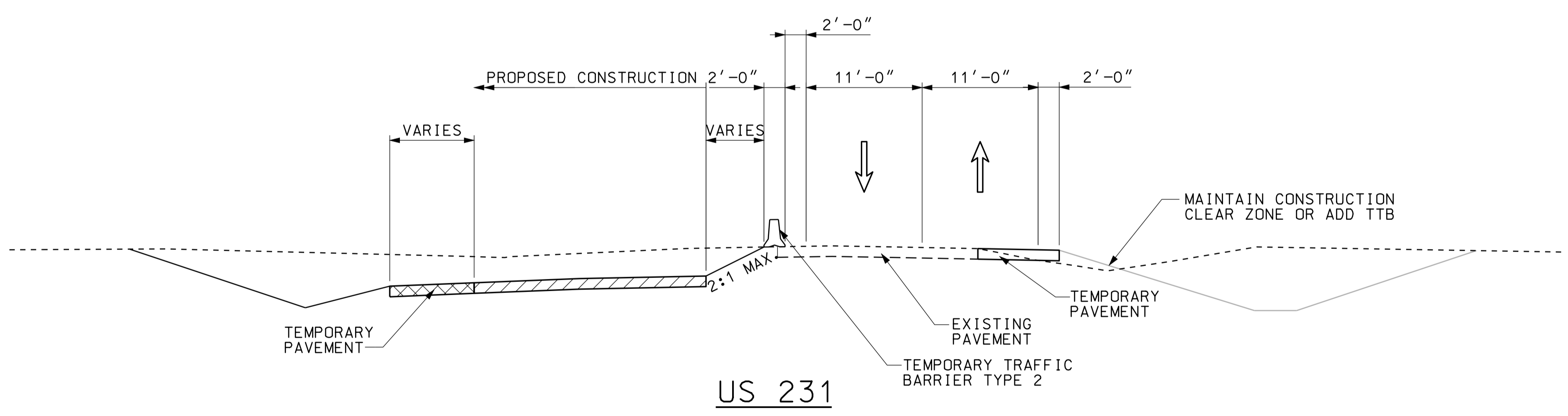
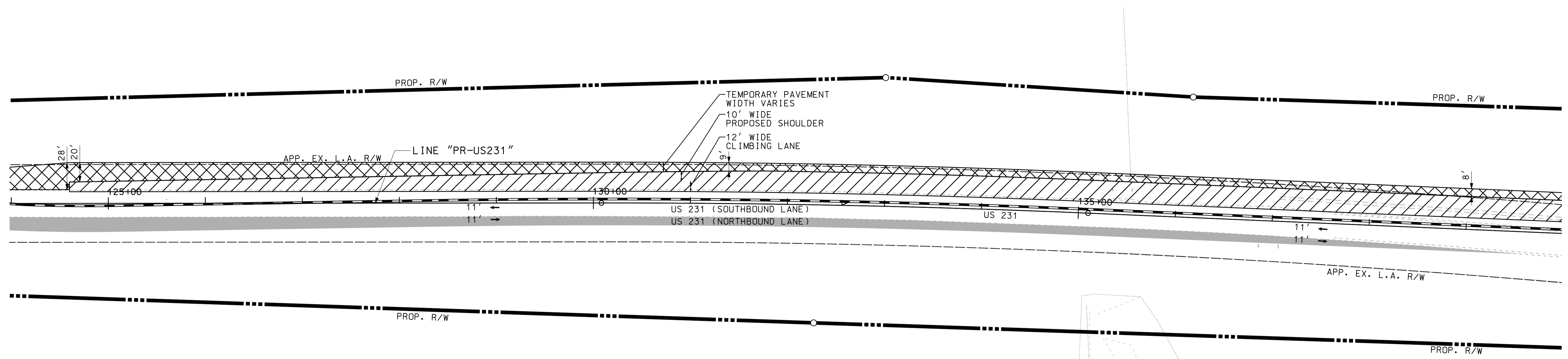
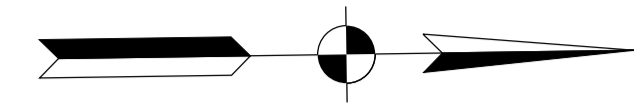
MOT PLAN - US 231, SOUTH OF I-69  
PHASE II  
STA. 108+00 TO STA. 124+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. MT-08	SHEET NO. 20 of 373
CONTRACT IR-33051	PROJECT 0500445	

125

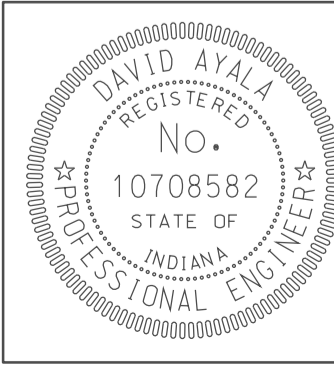
130

135



LEGEND

- TEMPORARY PAVEMENT UNDER CONSTRUCTION
- PERMANENT PAVEMENT UNDER CONSTRUCTION
- PREVIOUSLY CONSTRUCTED
- TEMPORARY TRAFFIC BARRIER - TYPE 2



RECOMMENDED FOR APPROVAL	<i>com jo</i>	5/5/10
	DESIGN ENGINEER	DATE
DESIGNED: OCS	DRAWN: BO	
CHECKED: NDH	CHECKED: DMA	

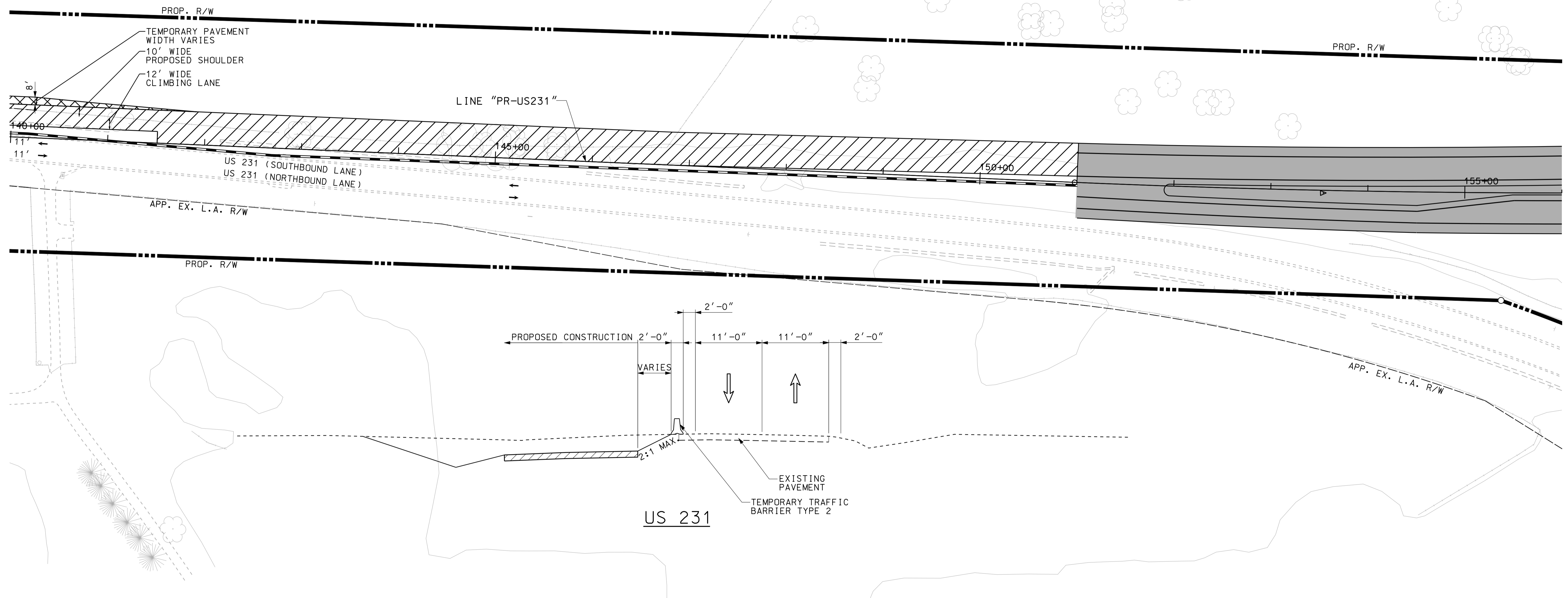
INDIANA  
DEPARTMENT OF TRANSPORTATION

MOT PLAN - US 231, SOUTH OF I-69  
PHASE II  
STA. 124+00 TO STA. 140+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 0500445
SURVEY BOOK	DWG. NO. MT-09
	SHEET NO. 21 of 373
CONTRACT IR-33051	PROJECT 0500445

10/02  
IP\_PWP-84860254-SE/3/MT09.dgn

140 145 150 155



LINE "PR-US231"

PROP. R/W  
 TEMPORARY PAVEMENT  
 WIDTH VARIES  
 10' WIDE  
 PROPOSED SHOULDER  
 12' WIDE  
 CLIMBING LANE

US 231 (SOUTHBOUND LANE)  
 US 231 (NORTHBOUND LANE)

APP. EX. L.A. R/W

PROPOSED CONSTRUCTION 2'-0" 11'-0" 11'-0" 2'-0"

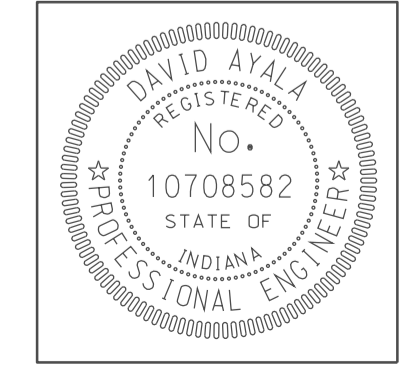
US 231

EXISTING  
 PAVEMENT  
 TEMPORARY TRAFFIC  
 BARRIER TYPE 2

10/02  
 10/02  
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**LEGEND**

- TEMPORARY PAVEMENT UNDER CONSTRUCTION
- PERMANENT PAVEMENT UNDER CONSTRUCTION
- PREVIOUSLY CONSTRUCTED
- TEMPORARY TRAFFIC BARRIER - TYPE 2

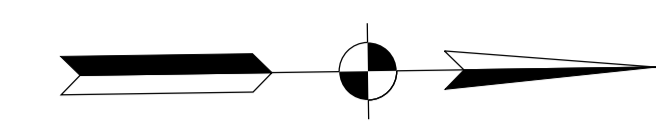


RECOMMENDED FOR APPROVAL	<i>(Signature)</i>	DESIGN ENGINEER	DATE
DESIGNED: OCS	DRAWN: BO		
CHECKED: NDH	CHECKED: DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION

MOT PLAN - US 231, SOUTH OF I-69  
 PHASE II  
 STA. 140+00 TO STA. 156+00

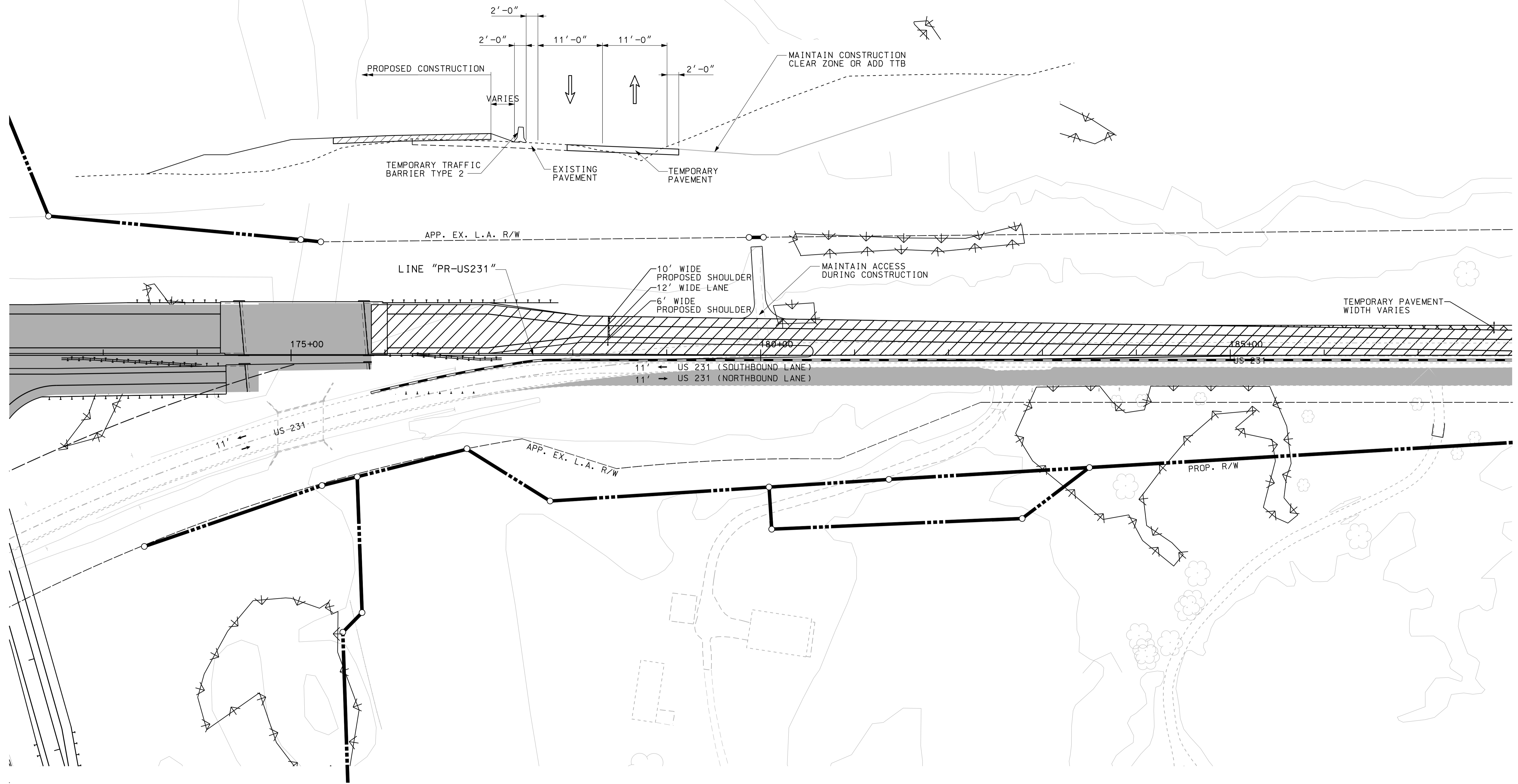
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VERTICAL SCALE	DESIGNATION 0500445
SURVEY BOOK	DWG. NO. MT-10
CONTRACT IR-33051	SHEET NO. 22 of 373
	PROJECT 0500445



175

180

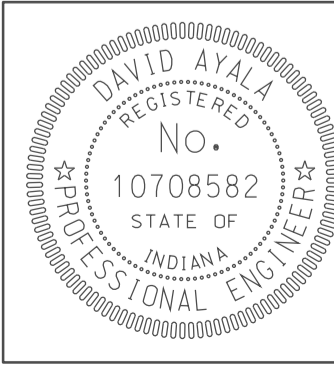
185



1/26/02  
IP\_PWP-848025-ASEG31MTO1.dgn

**LEGEND**

- TEMPORARY PAVEMENT UNDER CONSTRUCTION
- PERMANENT PAVEMENT UNDER CONSTRUCTION
- PREVIOUSLY CONSTRUCTED
- TEMPORARY TRAFFIC BARRIER - TYPE 2



RECOMMENDED FOR APPROVAL <i>em jo</i>		5/5/10
DESIGN ENGINEER		DATE
DESIGNED: OCS	DRAWN: BO	
CHECKED: NDH	CHECKED: DMA	

INDIANA  
DEPARTMENT OF TRANSPORTATION

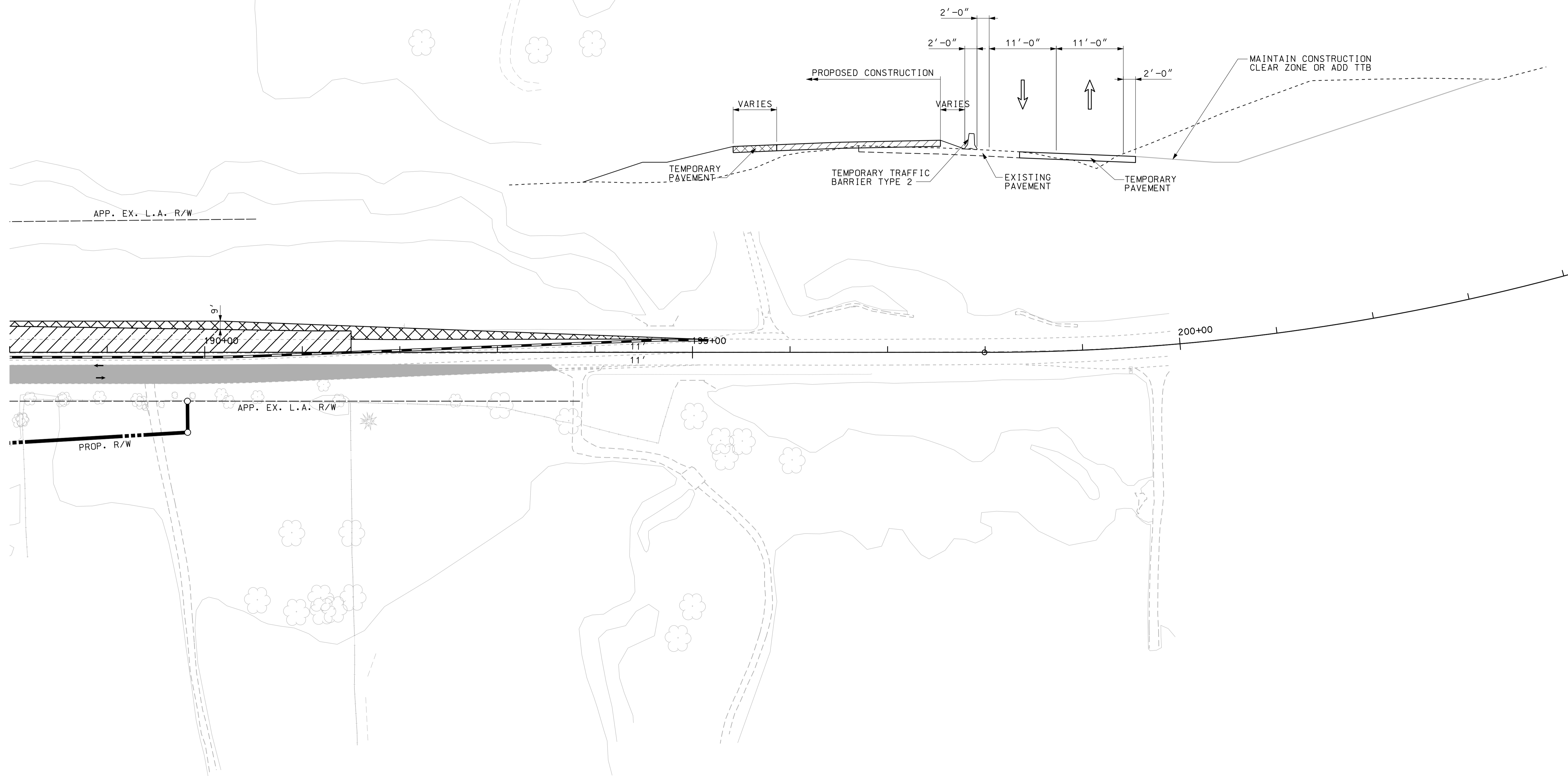
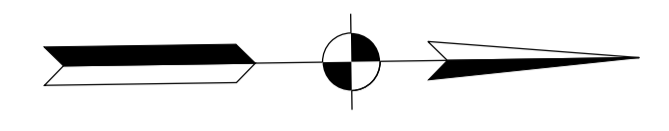
MOT PLAN - US 231, NORTH OF I-69  
PHASE II  
STA. 172+00 TO STA. 188+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. MT-11	SHEET NO. 23 of 373
CONTRACT IR-33051	PROJECT 0500445	

190

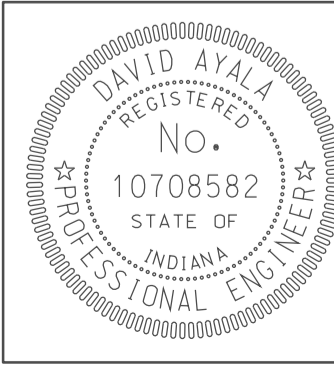
195

200



LEGEND

- TEMPORARY PAVEMENT UNDER CONSTRUCTION
- PERMANENT PAVEMENT UNDER CONSTRUCTION
- PREVIOUSLY CONSTRUCTED
- TEMPORARY TRAFFIC BARRIER - TYPE 2



RECOMMENDED FOR APPROVAL	<i>com jo</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	BO
CHECKED:	NDH	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION  
MOT PLAN - US 231, NORTH OF I-69  
PHASE II  
STA. 188+00 TO STA. 195+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	MT-12	24 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

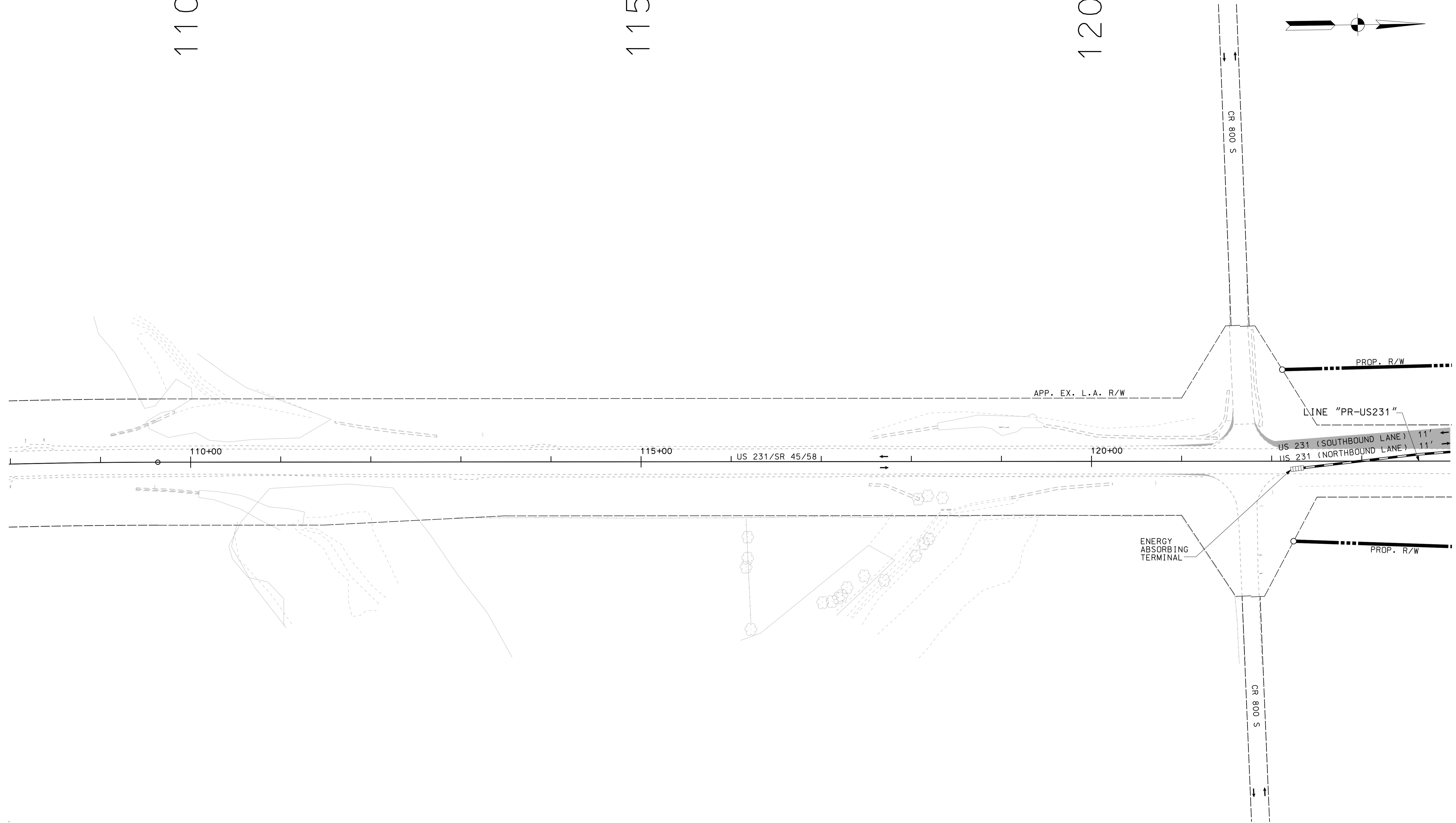
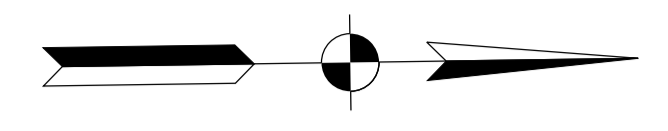
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110

115

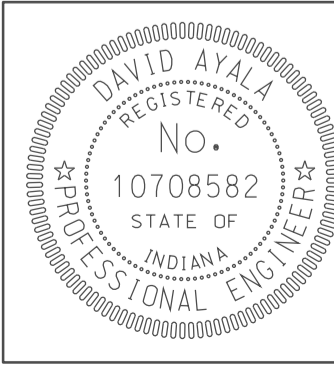
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10/03/05 2:20:00 PM P:\P\1010025\ASEG\MT013.dgn

**LEGEND**

- TEMPORARY PAVEMENT UNDER CONSTRUCTION
- PERMANENT PAVEMENT UNDER CONSTRUCTION
- PREVIOUSLY CONSTRUCTED
- TEMPORARY TRAFFIC BARRIER - TYPE 2



RECOMMENDED FOR APPROVAL		<i>com jo</i>	5/5/10
		DESIGN ENGINEER	DATE
DESIGNED: OCS	DRAWN: BO		
CHECKED: NOH	CHECKED: DMA		

INDIANA  
DEPARTMENT OF TRANSPORTATION

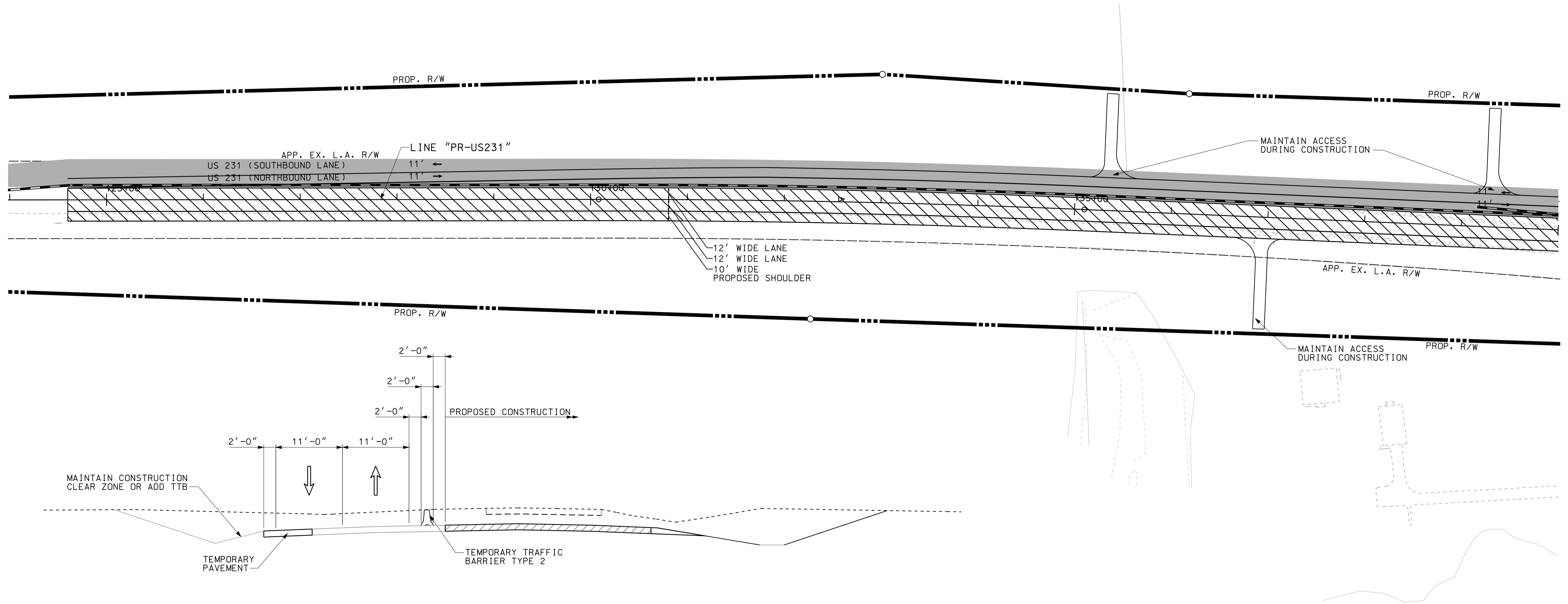
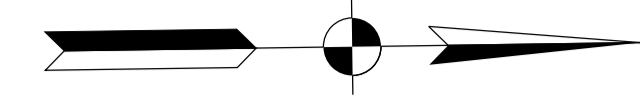
MOT PLAN - US 231, SOUTH OF I-69  
PHASE III  
STA. 108+00 TO STA. 124+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	MT-13	25 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

125

130

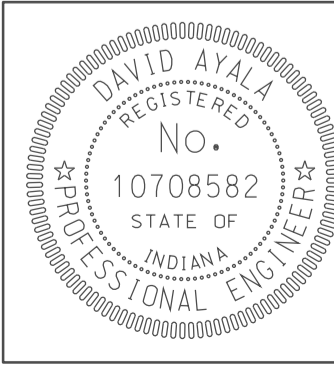
135



10/03  
IP\_PWP-810025-ASEGIMTO14.dgn

**LEGEND**

- TEMPORARY PAVEMENT UNDER CONSTRUCTION
- PERMANENT PAVEMENT UNDER CONSTRUCTION
- PREVIOUSLY CONSTRUCTED
- TEMPORARY TRAFFIC BARRIER - TYPE 2



RECOMMENDED FOR APPROVAL		<i>com jo</i>	5/5/10
		DESIGN ENGINEER	DATE
DESIGNED: OCS	DRAWN: BO		
CHECKED: NDH	CHECKED: DMA		

INDIANA  
DEPARTMENT OF TRANSPORTATION

MOT PLAN - US 231, SOUTH OF I-69  
PHASE III  
STA. 124+60 TO STA. 140+00

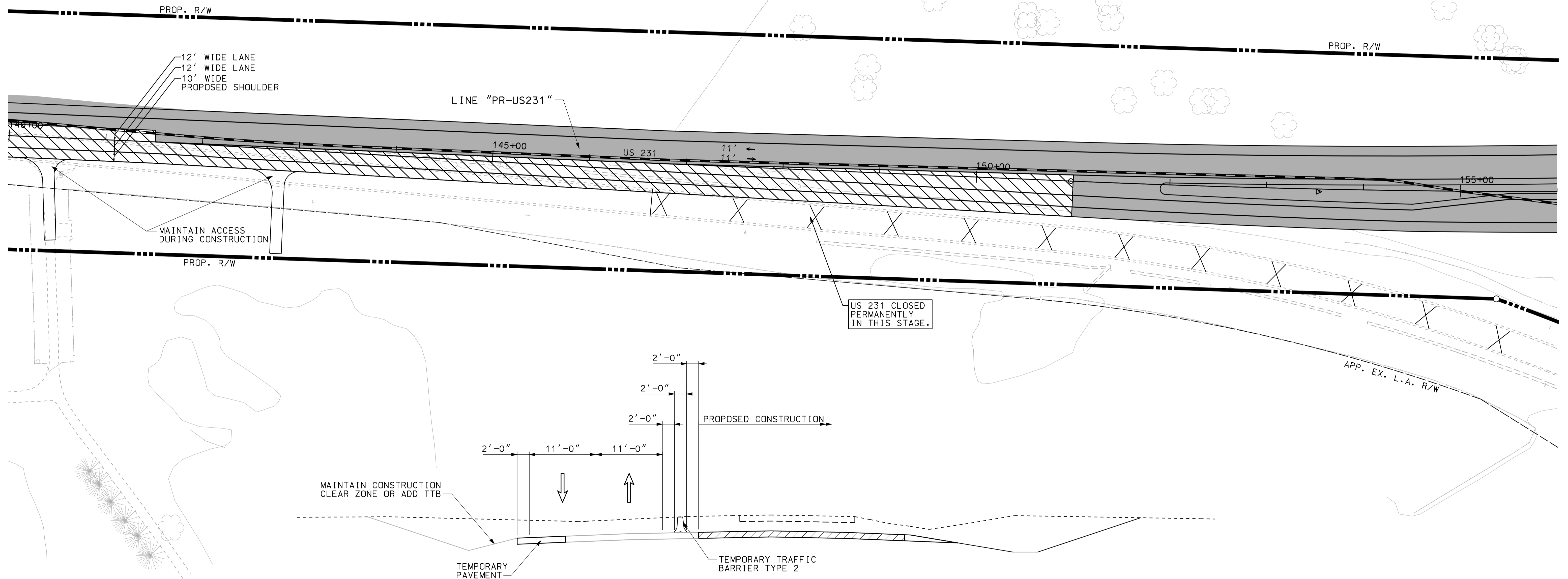
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VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	MT-14	26 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

140

145

150

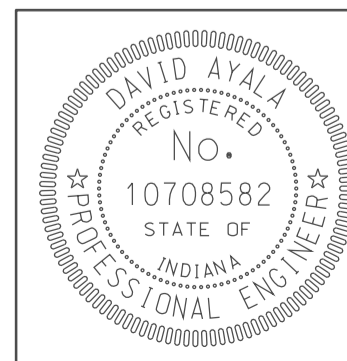
155



10/03  
IP\_PWP-810025-ASEG31MTO15.dgn

LEGEND

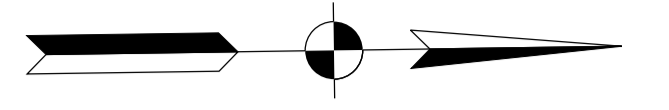
- TEMPORARY PAVEMENT UNDER CONSTRUCTION
- PERMANENT PAVEMENT UNDER CONSTRUCTION
- PREVIOUSLY CONSTRUCTED
- TEMPORARY TRAFFIC BARRIER - TYPE 2



RECOMMENDED FOR APPROVAL	<i>com jo</i>	5/5/10
DESIGNED: OCS	DRAWN: BO	DATE
CHECKED: NDH	CHECKED: DMA	

INDIANA  
DEPARTMENT OF TRANSPORTATION  
MOT PLAN - US 231, SOUTH OF I-69  
PHASE III  
STA. 140+00 TO STA. 156+00

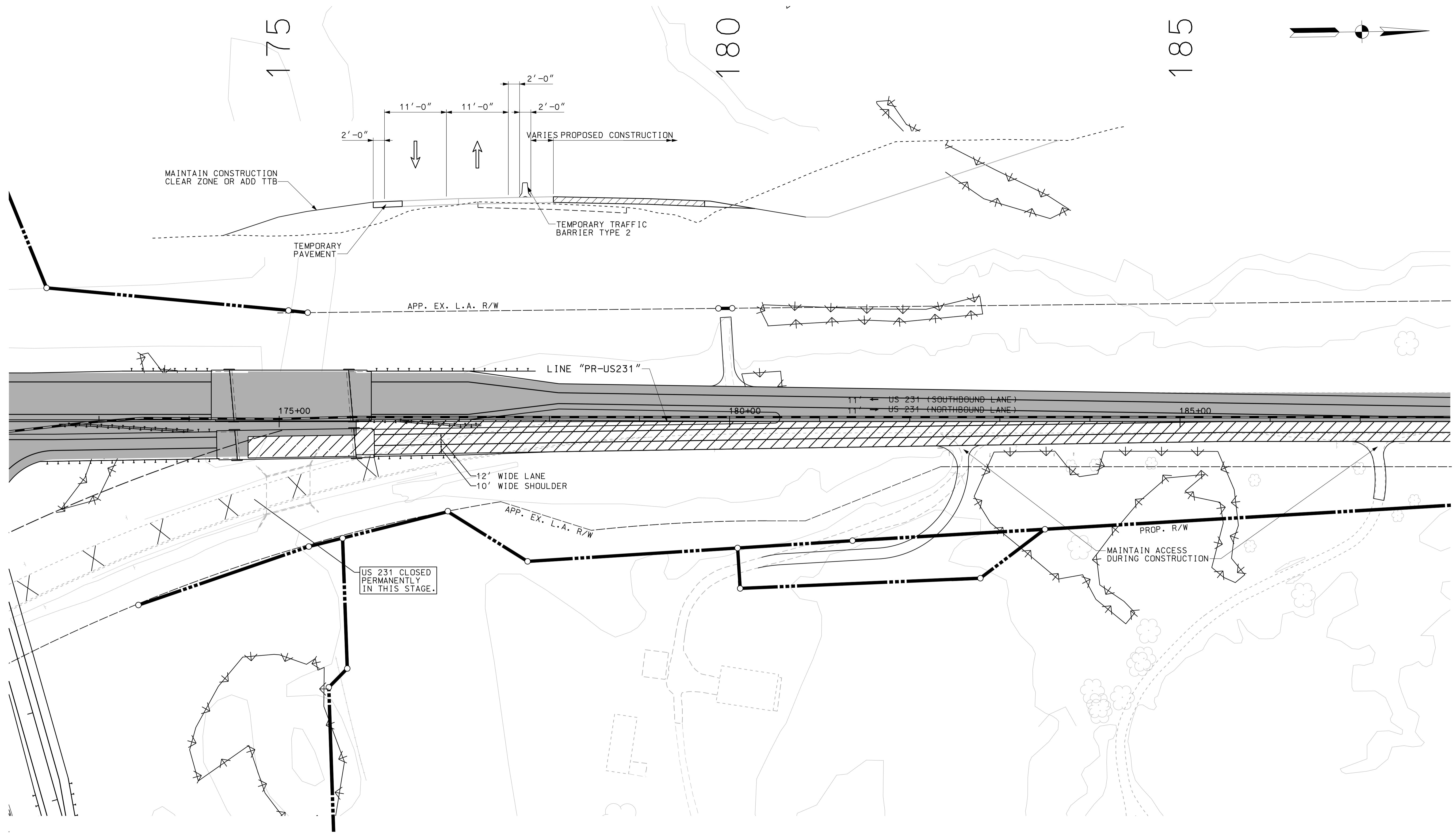
HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. MT-15	SHEET NO. 27 of 373
CONTRACT IR-33051	PROJECT 0500445	



175

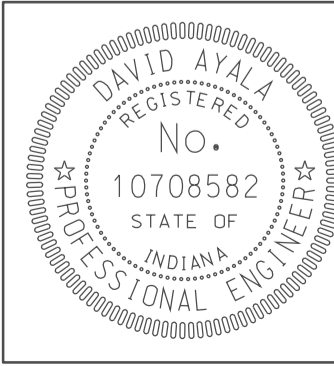
180

185



LEGEND

- TEMPORARY PAVEMENT UNDER CONSTRUCTION
- PERMANENT PAVEMENT UNDER CONSTRUCTION
- PREVIOUSLY CONSTRUCTED
- TEMPORARY TRAFFIC BARRIER - TYPE 2



RECOMMENDED FOR APPROVAL	<i>com jo</i>	5/5/10
DESIGNED:	OCS	DRAWN: BO
CHECKED:	NOH	CHECKED: DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

MOT PLAN - US 231, NORTH OF I-69  
PHASE III  
STA. 172+00 TO STA. 188+00

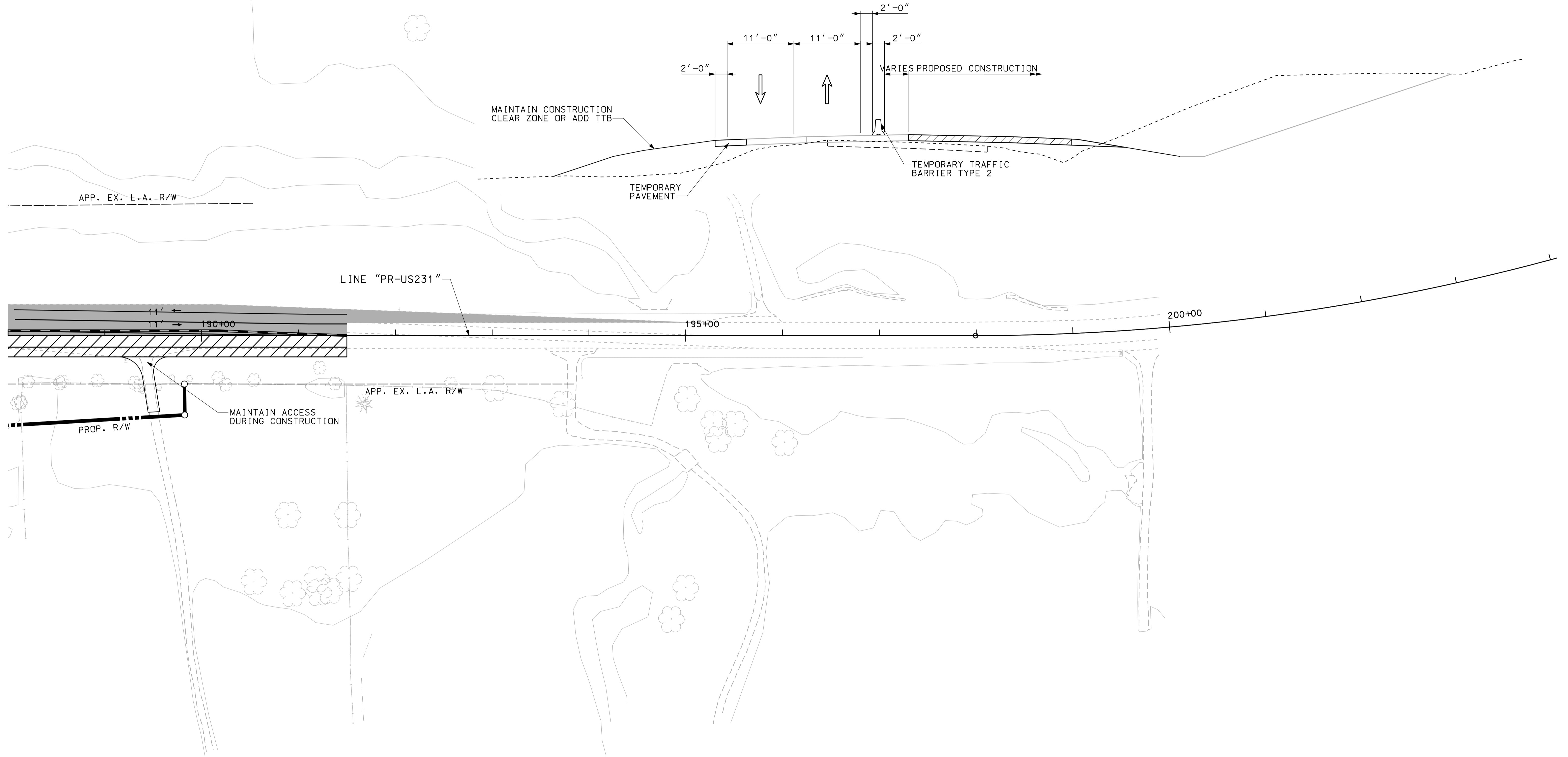
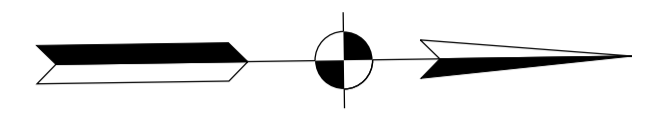
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
	0500445
SURVEY BOOK	DWG. NO. SHEET NO.
	MT-16 28 of 373
CONTRACT	PROJECT
IR-33051	0500445

10/03  
IP\_PWP-16m0025A-SEGG3MT016.dgn

190

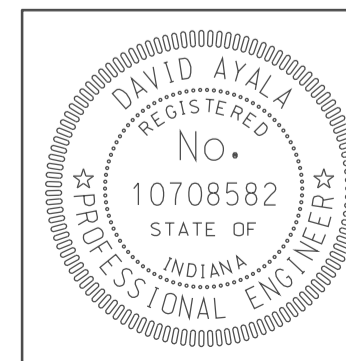
195

200



LEGEND

- TEMPORARY PAVEMENT UNDER CONSTRUCTION
- PERMANENT PAVEMENT UNDER CONSTRUCTION
- PREVIOUSLY CONSTRUCTED
- TEMPORARY TRAFFIC BARRIER - TYPE 2



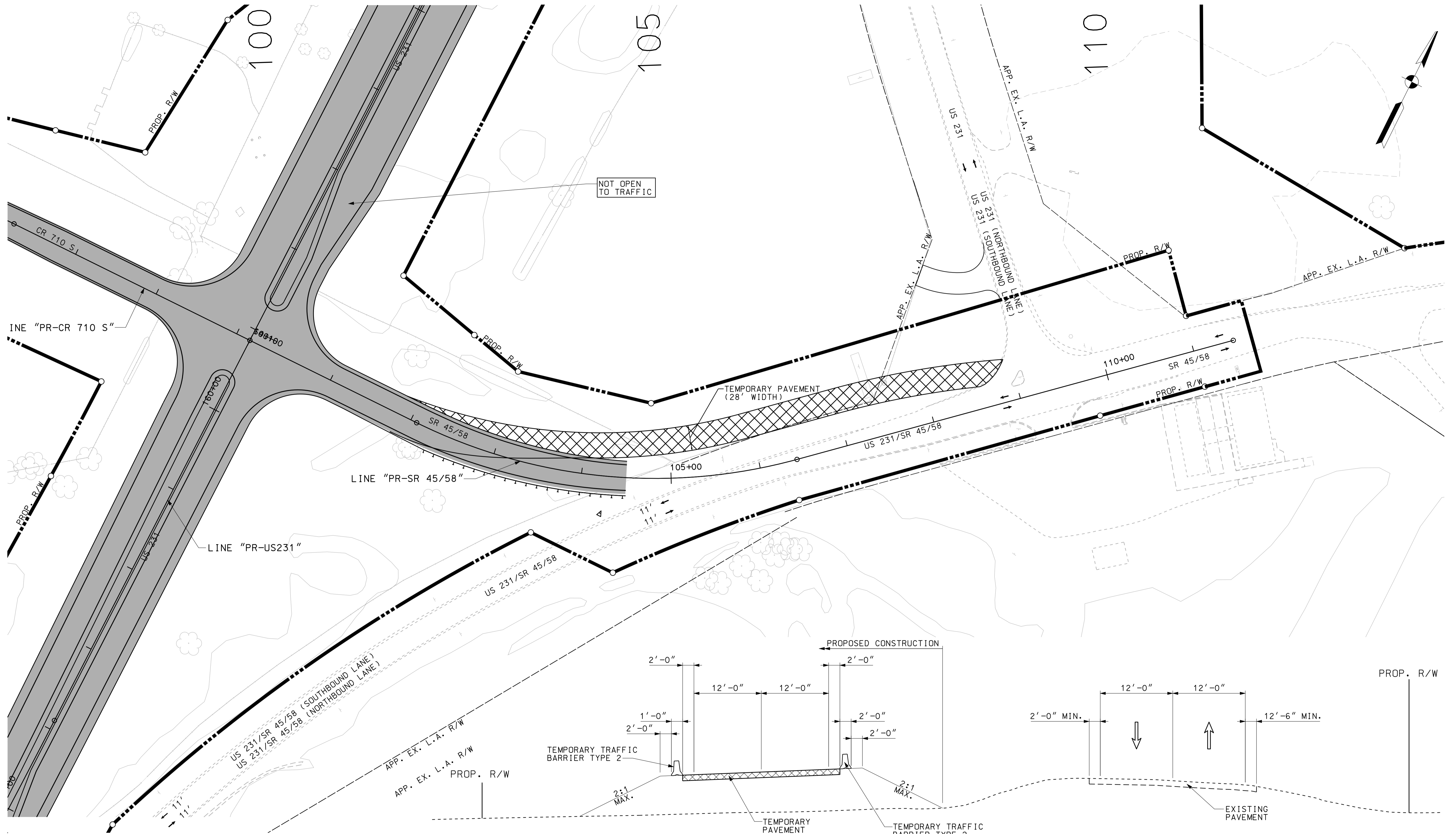
RECOMMENDED FOR APPROVAL		<i>David Ayala</i>	
		DESIGN ENGINEER	DATE
		5/5/10	
DESIGNED:	OCS	DRAWN:	BO
CHECKED:	NDH	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

MOT PLAN - US 231, NORTH OF I-69  
PHASE III  
STA. 188+00 TO STA. 195+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	MT-17	29 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

10/03  
IP\_PWP-IR-33051-ASEG31MOT.dgn



**LEGEND**

	TEMPORARY PAVEMENT UNDER CONSTRUCTION
	PERMANENT PAVEMENT UNDER CONSTRUCTION
	PREVIOUSLY CONSTRUCTED
	TEMPORARY TRAFFIC BARRIER - TYPE 2

**PROPOSED CONSTRUCTION**

Dimensions: 2'-0" (width of barrier), 12'-0" (width of pavement), 2'-0" (width of barrier), 2'-0" (width of barrier). Slopes: 2:1 MAX.

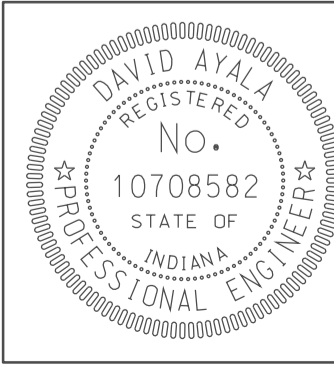
Labels: TEMPORARY TRAFFIC BARRIER TYPE 2, TEMPORARY PAVEMENT, TEMPORARY TRAFFIC BARRIER TYPE 2, EXISTING PAVEMENT.

**EXISTING PAVEMENT**

Dimensions: 12'-0" (width of lane), 12'-0" (width of lane), 2'-0" MIN. (width of shoulder), 12'-6" MIN. (width of shoulder).

Labels: 2'-0" MIN., 12'-0", 12'-0", 12'-6" MIN., EXISTING PAVEMENT.

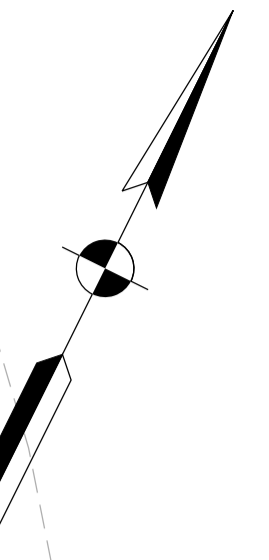
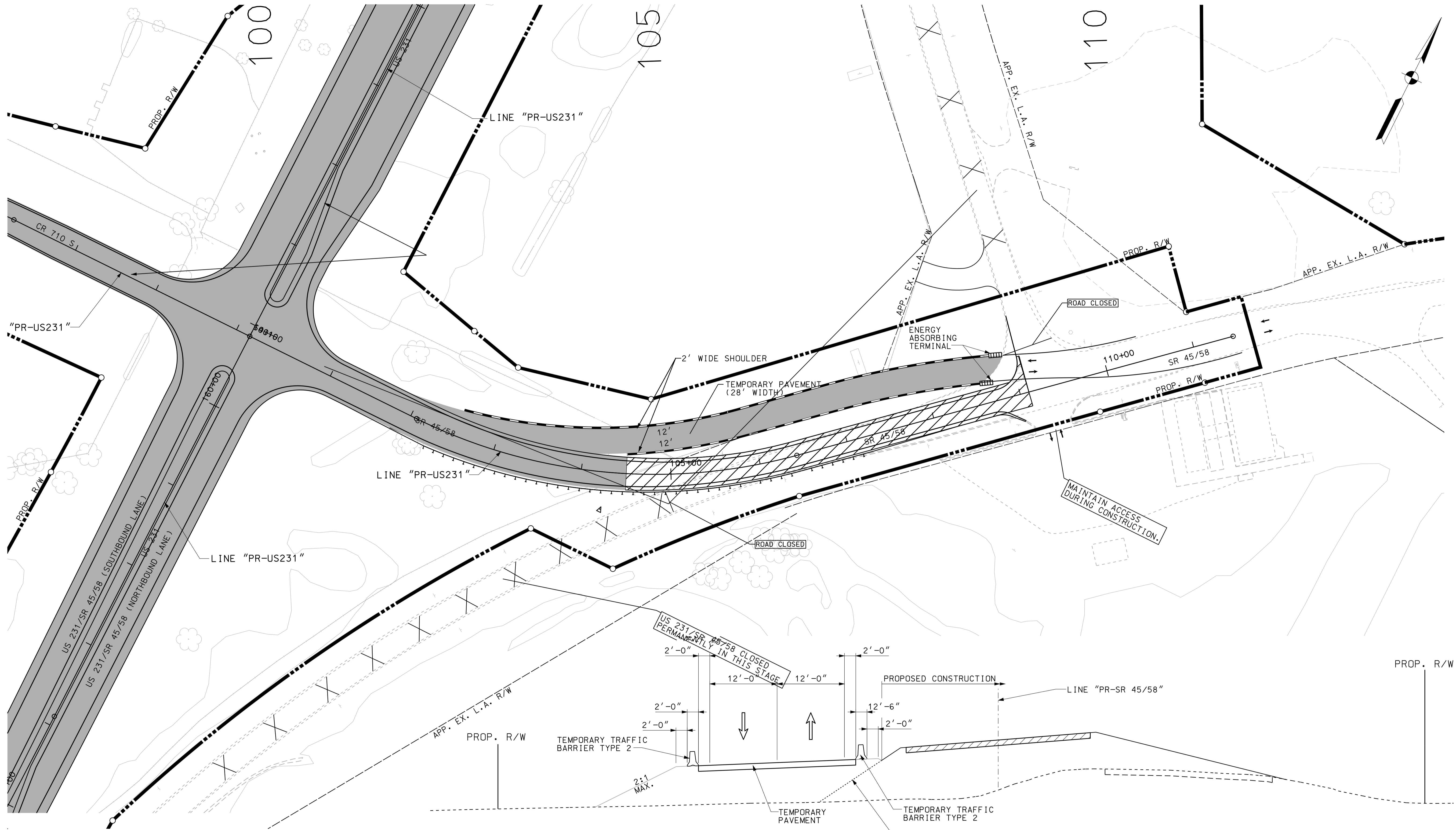
05/05/10  
 10/04  
 P:\P\10025\ASEG\MT018.dgn



RECOMMENDED FOR APPROVAL	<i>(Signature)</i>	DESIGN ENGINEER	DATE
			5/5/10
DESIGNED:	OCS	DRAWN:	BO
CHECKED:	NDH	CHECKED:	DMA

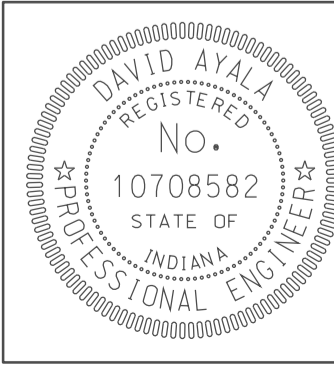
INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 MOT PLAN SHEET - SR 45/58  
 PHASE II  
 STA. 100+00 TO STA. 109+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	MT-18	30 of 373
	PROJECT	
	0500445	



**LEGEND**

	TEMPORARY PAVEMENT UNDER CONSTRUCTION
	PERMANENT PAVEMENT UNDER CONSTRUCTION
	PREVIOUSLY CONSTRUCTED
	TEMPORARY TRAFFIC BARRIER - TYPE 2



RECOMMENDED FOR APPROVAL	<i>com jo</i>	DESIGN ENGINEER	5/5/10	DATE
DESIGNED:	OCS	DRAWN:	BO	
CHECKED:	NOH	CHECKED:	DMA	

INDIANA  
DEPARTMENT OF TRANSPORTATION

MOT PLAN SHEET - SR 45/58  
PHASE III  
STA. 100+00 TO STA. 109+00

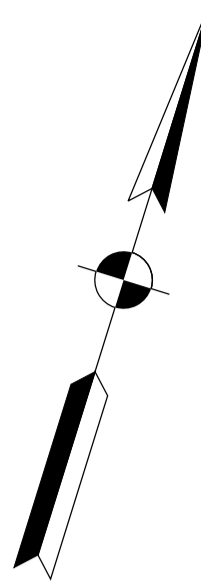
HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	MT-19	31 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

5/10/10  
 IP\_PWP-2010-0025-ASEG31MT09.dgn  
 10/04

2945

2955

2965



1 CURVE DATA  
 P.I. STA. 22+98.59 RAMP "SW"  
 $\Delta = 2^{\circ}30'01''$  RT.  
 $D = 0^{\circ}34'54''$   
 $R = 9850.00'$   
 $T = 214.95'$   
 $L = 429.84'$   
 $E = 2.35'$   
 $DS = 50$  MPH  
 $e = NC$

2 CURVE DATA  
 P.I. STA. 11+89.27 RAMP "SW"  
 $\Delta = 5^{\circ}56'12''$  LT.  
 $D = 1^{\circ}34'11''$   
 $R = 3650.00'$   
 $T = 189.27'$   
 $L = 378.19'$   
 $E = 4.90'$   
 $DS = 35$  MPH  
 $e = 2.0\%$  (4% MAX. SUPER TABLE)

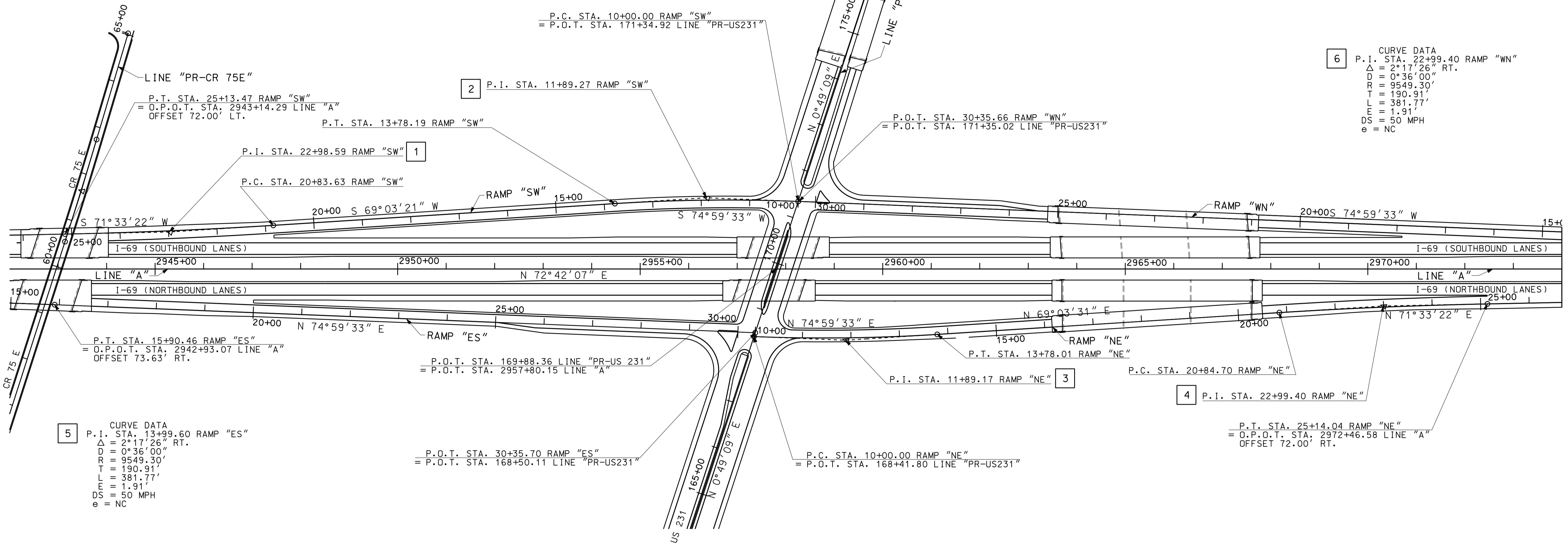
6 CURVE DATA  
 P.I. STA. 22+99.40 RAMP "WN"  
 $\Delta = 2^{\circ}17'26''$  RT.  
 $D = 0^{\circ}36'00''$   
 $R = 9549.30'$   
 $T = 190.91'$   
 $L = 381.77'$   
 $E = 1.91'$   
 $DS = 50$  MPH  
 $e = NC$

5 CURVE DATA  
 P.I. STA. 13+99.60 RAMP "ES"  
 $\Delta = 2^{\circ}17'26''$  RT.  
 $D = 0^{\circ}36'00''$   
 $R = 9549.30'$   
 $T = 190.91'$   
 $L = 381.77'$   
 $E = 1.91'$   
 $DS = 50$  MPH  
 $e = NC$

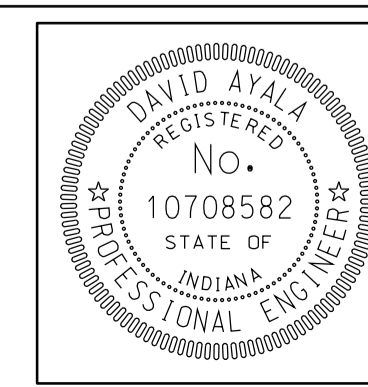
P.O.T. STA. 30+35.70 RAMP "ES"  
 = P.O.T. STA. 168+50.11 LINE "PR-US231"

3 CURVE DATA  
 P.I. STA. 11+89.17 RAMP "NE"  
 $\Delta = 5^{\circ}56'01''$  LT.  
 $D = 1^{\circ}34'11''$   
 $R = 3650.00'$   
 $T = 189.17'$   
 $L = 378.01'$   
 $E = 4.90'$   
 $DS = 35$  MPH  
 $e = 2.0\%$  (4% MAX. SUPER TABLE)

4 CURVE DATA  
 P.I. STA. 22+99.40 RAMP "NE"  
 $\Delta = 2^{\circ}29'51''$  RT.  
 $D = 0^{\circ}34'54''$   
 $R = 9850.00'$   
 $T = 214.70'$   
 $L = 429.33'$   
 $E = 2.34'$   
 $DS = 50$  MPH  
 $e = NC$



\*\*\*\*\*US\*\*\*\*\*  
 \*\*\*\*\*CONS\*\*\*\*\*  
 \*\*\*\*\*SPEC\*\*\*\*\*  
 \*\*\*\*\*FI\*\*\*\*\*



RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	DESIGN ENGINEER	DATE
DESIGNED:	TJH	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION

GEOMETRIC TIE-IN DETAIL  
 I-69 & US 231

HORIZONTAL SCALE	BRIDGE FILE	
1" = 100'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	IG-01	32 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



SEC. 1, T-5-N, R-6-W  
ELMORE TOWNSHIP  
DAVIESS COUNTY

2625

2630

CURVE DATA  
P.I. STA. 2596+21.11 "A"  
 $\Delta = 54^{\circ}33'14"$  RT.  
D =  $0^{\circ}49'07"$   
R = 7000.00'  
T = 3609.40'  
L = 6665.01'  
E = 875.77'  
DS = 70 MPH  
e = 3.0%

ANDREW H. MONROE

+93.3,29.2'-Tile Breather

+65.4,47.6'-Tile Breather

+45.7,230.5'-Tile Breather

+191.1,58.2'-Tile Breather

+57.2,2.9'-Tile Breather

+30.3,61.1'-Tile Breather

+69.3,14.2'-12 CMP  
+46.3,14.9'-12 CMP

BEGIN CONSTRUCTION  
PROJECT NO. 0500445  
P.O.C. STA. 2618+50.00 "A"  
N: 433787.05  
E: 704162.37

PROP. L.A. R/W & F.F.T.F.

PROP. L.A. R/W & F.F.T.F.

PROP. L.A. R/W

RETAINING WALL BY DESIGN BUILD CONTRACTOR

IMPACT ATTENUATORS BY DESIGN BUILD CONTRACTOR

STR. NO. I-69-14-9392  
DES. NO. 0901970  
(CONSTRUCTED BY OTHERS  
SEE CONTRACT IB-32995)

I-69 (SOUTHBOUND LANES)

I-69 (NORTHBOUND LANES)

IMPACT ATTENUATORS BY DESIGN BUILD CONTRACTOR

RETAINING WALL BY DESIGN BUILD CONTRACTOR

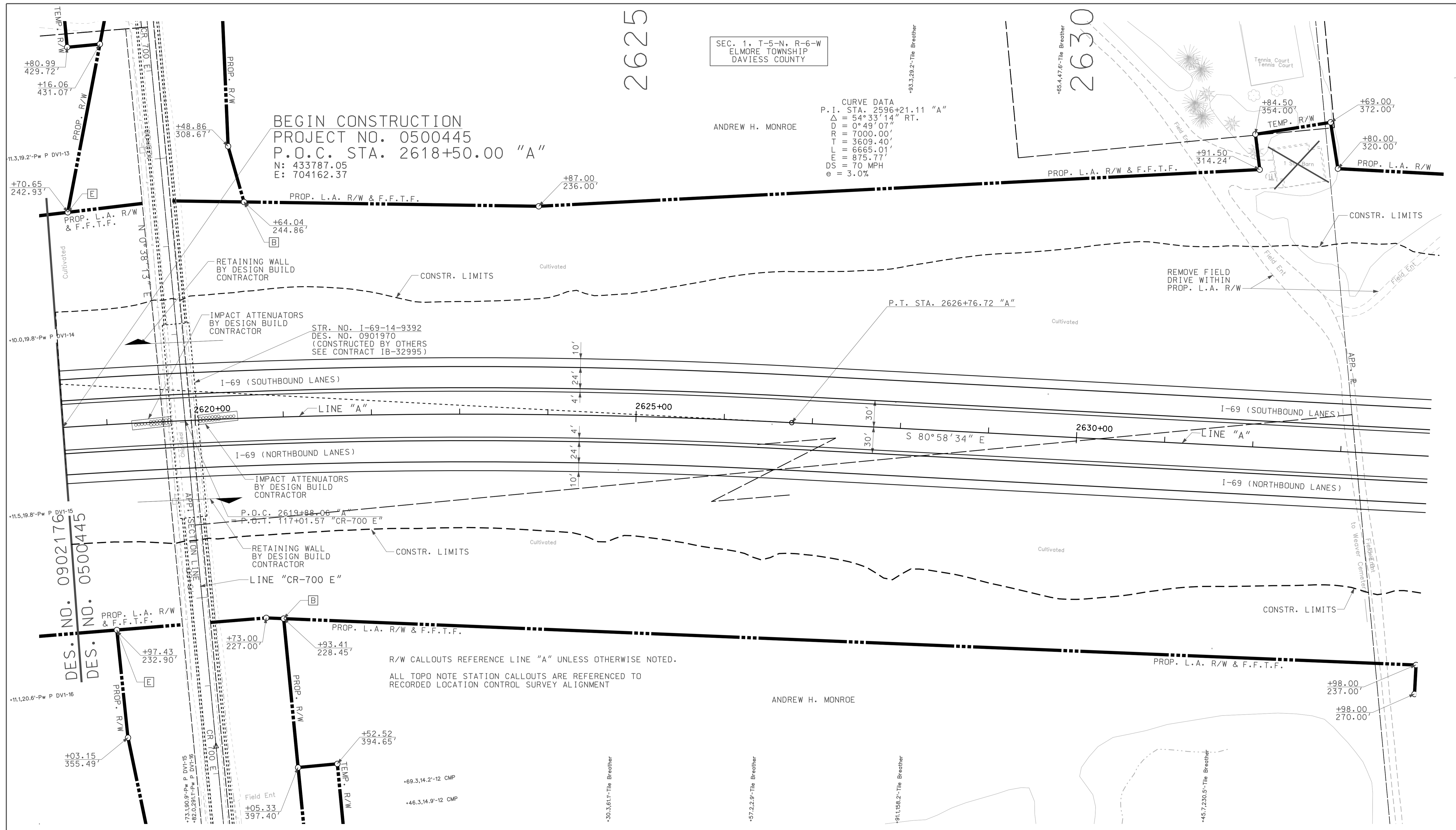
LINE "CR-700 E"

PROP. L.A. R/W & F.F.T.F.

PROP. L.A. R/W & F.F.T.F.

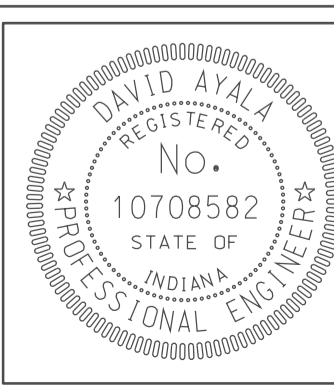
R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO RECORDED LOCATION CONTROL SURVEY ALIGNMENT

ANDREW H. MONROE



LEGEND

	BUILDING REMOVAL
	ENVIRONMENTAL RESTRICTION
	BEGIN L.A. R/W
	END L.A. R/W
	REMOVE EXISTING ROADWAY



RECOMMENDED FOR APPROVAL		DATE	5/5/10
DESIGNED:	OCs	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN SHEET  
LINE "A"  
STA. 2618+50 TO STA. 2634+00

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
	0500445
SURVEY BOOK	DWG. NO. SHEET NO.
	PN-01 33 of 373
CONTRACT	PROJECT
IR-33051	0500445

10/04  
1P:PW:dm:025ASEG3P001.dgn  
2010

CBM 205 - PK NAIL SET 1' UP EAST SIDE PWP #DVI-17  
 +/- 10' WEST OF WEST E.P.  
 STA. 112+21.50 "CR 700 E", 20.2' LT.  
 ELEV. 520.86



APR 2010  
 P:\PWP\025A\SE\3\PROJ\dgm

	RECOMMENDED FOR APPROVAL: <i>DMZ</i> (DESIGN ENGINEER) DATE: 5/5/10	INDIANA DEPARTMENT OF TRANSPORTATION PROFILE SHEET LINE "A" STA. 2618+50 TO STA. 2634+00	HORIZONTAL SCALE: 1" = 50' VERTICAL SCALE: 1" = 10'	BRIDGE FILE DESIGNATION: 0500445
	DESIGNED: OCS CHECKED: NDH		DRAWN: DH CHECKED: DMA	SURVEY BOOK: IR-33051

2635

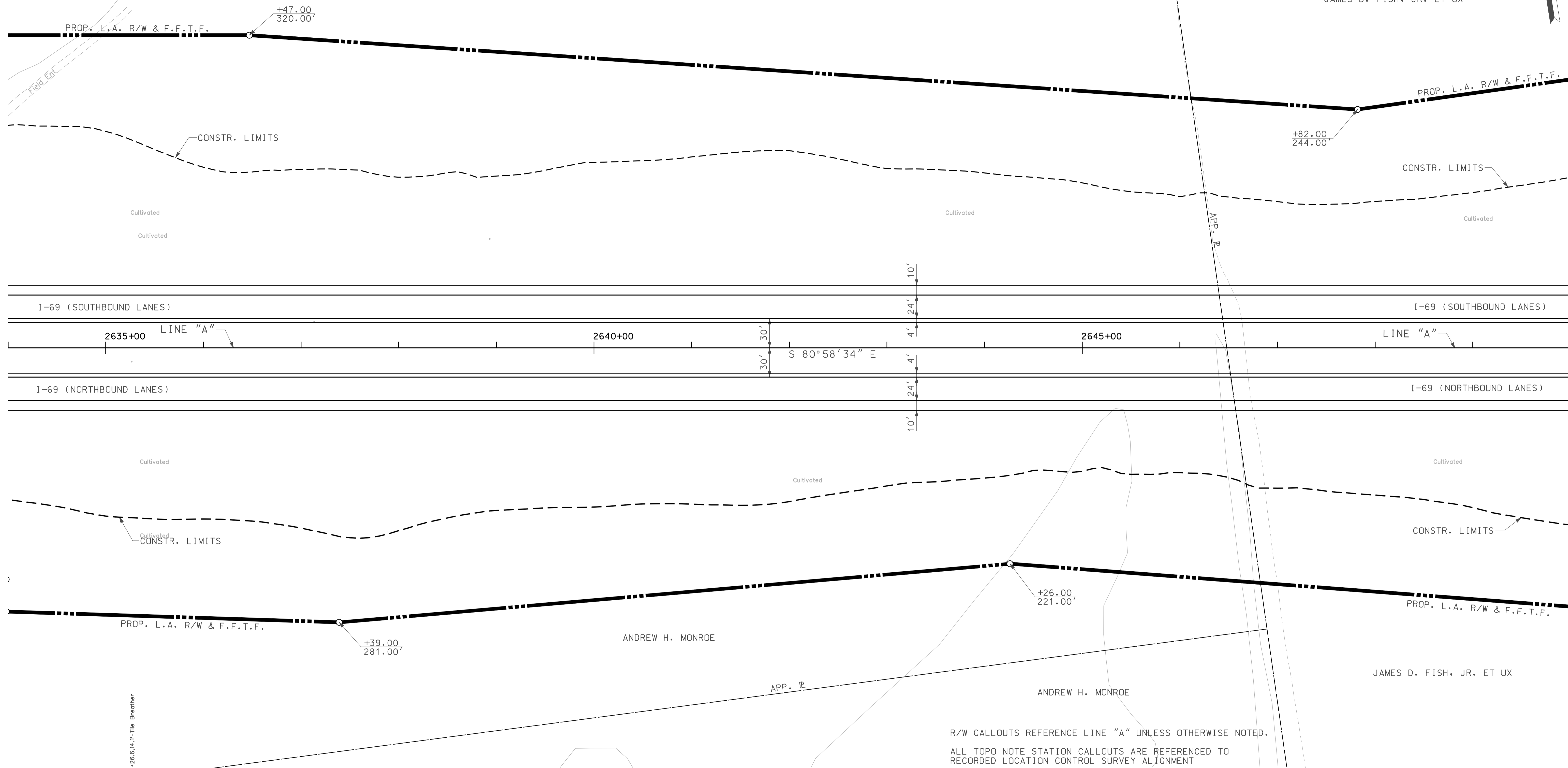
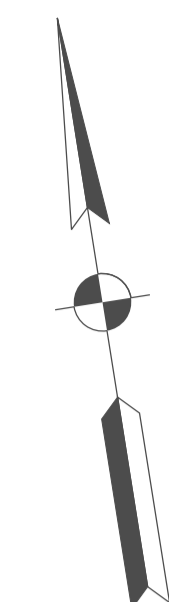
2640

2645

SEC. 1, T-5-N, R-6-W  
ELMORE TOWNSHIP  
DAVIESS COUNTY

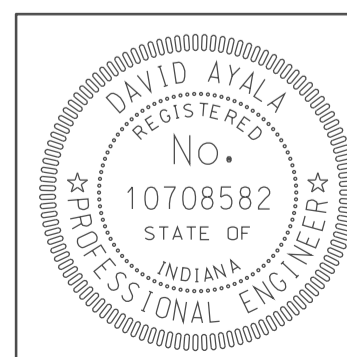
ANDREW H. MONROE

JAMES D. FISH, JR. ET UX



R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
 ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO  
 RECORDED LOCATION CONTROL SURVEY ALIGNMENT

- LEGEND**
- BUILDING REMOVAL
  - ENVIRONMENTAL RESTRICTION
  - BEGIN L.A. R/W
  - END L.A. R/W
  - REMOVE EXISTING ROADWAY



RECOMMENDED FOR APPROVAL	<i>com jg</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

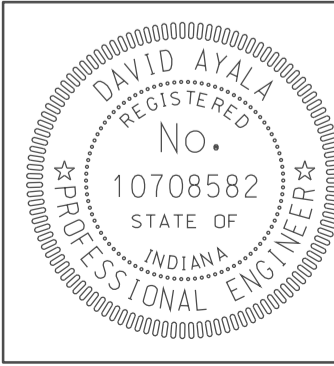
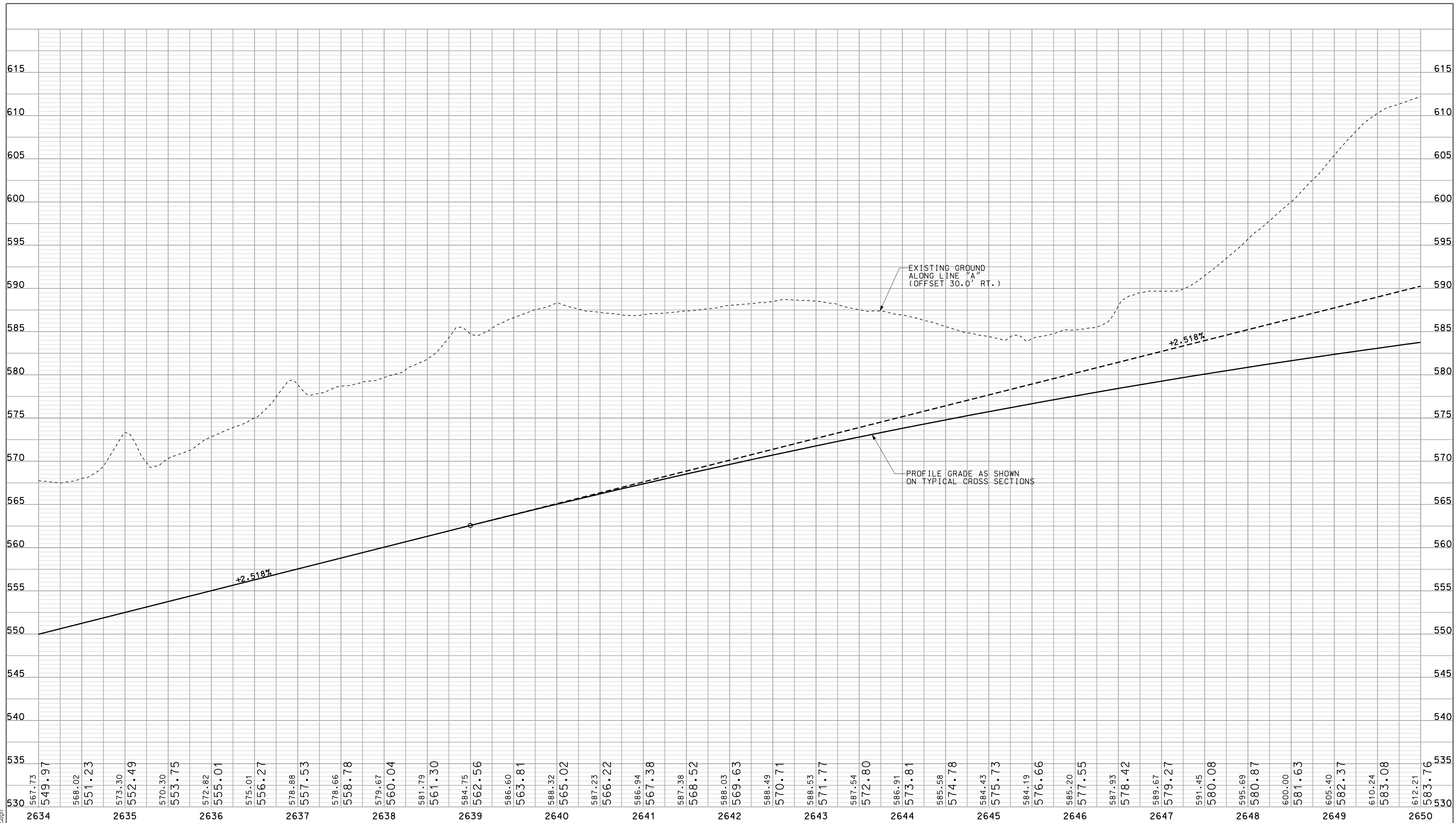
INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN SHEET  
LINE "A"  
STA. 2634+00 TO STA. 2650+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-02	35 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

1/26/05 10:05 IP: P:\P\10025\ASEG\3P002.dgn

10/05/10  
 IP\_P:\P\10025\A\SE\G3\PROJ02.dgn  
 IAC05



RECOMMENDED FOR APPROVAL: *DM*  
 DESIGN ENGINEER: *DM* DATE: 5/5/10  
 DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION  
 PROFILE SHEET LINE "A"  
 STA. 2634+00 TO STA. 2650+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK IR-33051	DWG. NO. PR-02	SHEET NO. 36 of 373
	PROJECT 0500445	

2650

2655

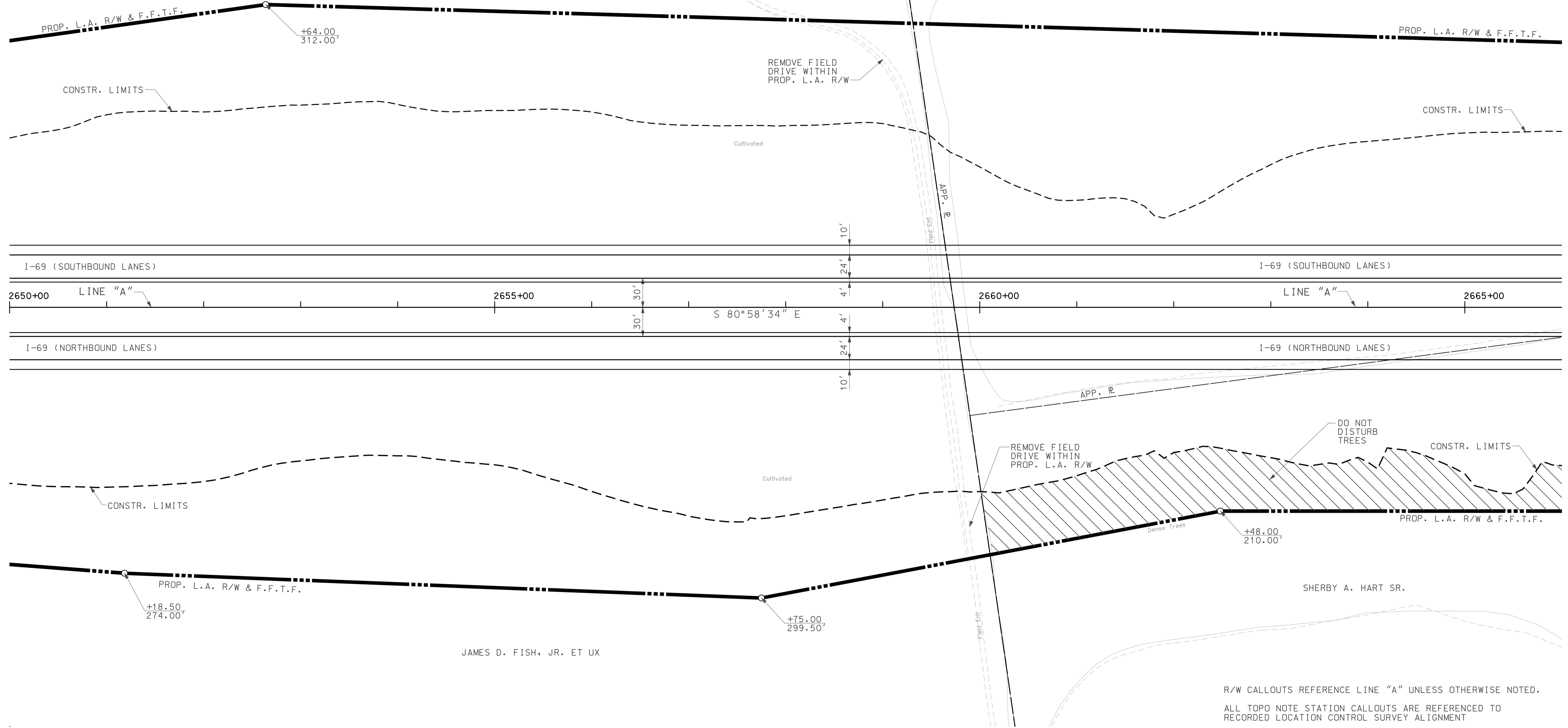
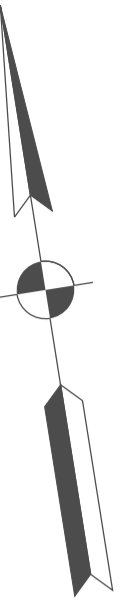
2660

2665

SEC. 1, T-5-N, R-6-W  
ELMORE TOWNSHIP  
DAVIESS COUNTY

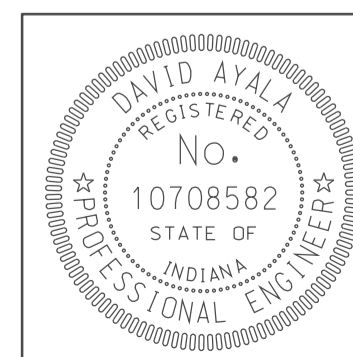
JAMES D. FISH, JR. ET UX

WILLIAM E. SIPES &  
LUANNA TOWNSEND



R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO  
RECORDED LOCATION CONTROL SURVEY ALIGNMENT

- LEGEND**
- BUILDING REMOVAL
  - BEGIN L.A. R/W
  - END L.A. R/W
  - REMOVE EXISTING ROADWAY
  - ENVIRONMENTAL RESTRICTION



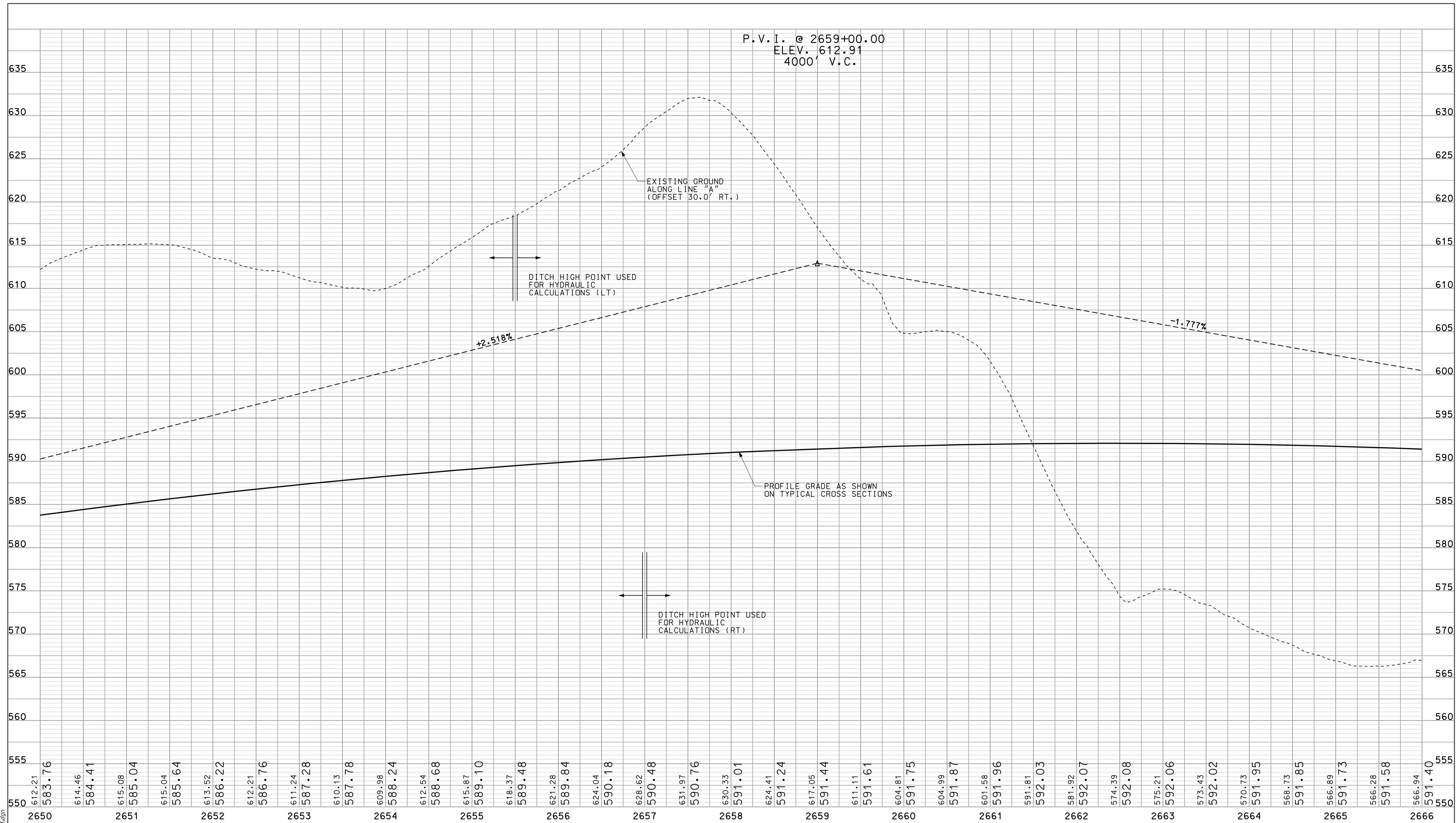
RECOMMENDED FOR APPROVAL	<i>em jo</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN SHEET  
LINE "A"  
STA. 2650+00 TO STA. 2666+00

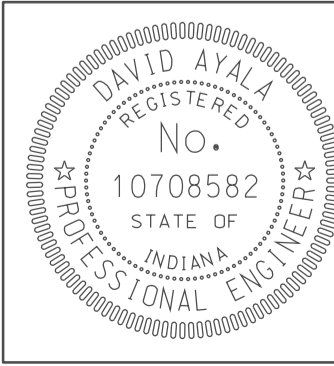
HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-03	37 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

1/26/05  
IP: P:\P\1002545\SE\31003.dgn



10/2/05 10:05  
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612.21	583.76	614.46	584.41	615.08	585.04	615.04	585.64	613.52	586.22	612.21	586.76	611.24	587.28	610.13	587.78	609.98	588.24	612.54	588.68	615.87	589.10	618.37	589.48	621.28	589.84	624.04	590.18	628.62	590.48	631.97	590.76	630.33	591.01	624.41	591.24	617.05	591.44	611.11	591.61	604.81	591.75	604.99	591.87	601.58	591.96	591.81	592.03	581.92	592.07	574.39	592.08	575.21	592.06	573.43	592.02	570.73	591.95	568.73	591.85	566.89	591.73	566.28	591.58	566.94	591.40		
2650				2651				2652				2653				2654				2655				2656				2657				2658				2659				2660				2661				2662				2663				2664				2665				2666			



RECOMMENDED FOR APPROVAL *[Signature]* 5/5/10  
DESIGN ENGINEER DATE

DESIGNED: OCS DRAWN: DH  
CHECKED: NDH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION  
PROFILE SHEET LINE "A"  
STA. 2650+00 TO STA. 2666+00

HORIZONTAL SCALE		BRIDGE FILE	
1" = 50'			
VERTICAL SCALE		DESIGNATION	
1" = 10'		0500445	
SURVEY BOOK		DWG. NO.	SHEET NO.
		PR-03	38 of 373
CONTRACT		PROJECT	
IR-33051		0500445	

SEC. 1, T-5-N, R-6-W  
ELMORE TOWNSHIP  
DAVISS COUNTY

WILLIAM E. SIPES &  
LUANNA TOWNSEND

2670

BEGIN CONSTRUCTION  
P.O.T. STA. 803+27.97  
"CR 800 E"  
OFFSET 7.14' LT.

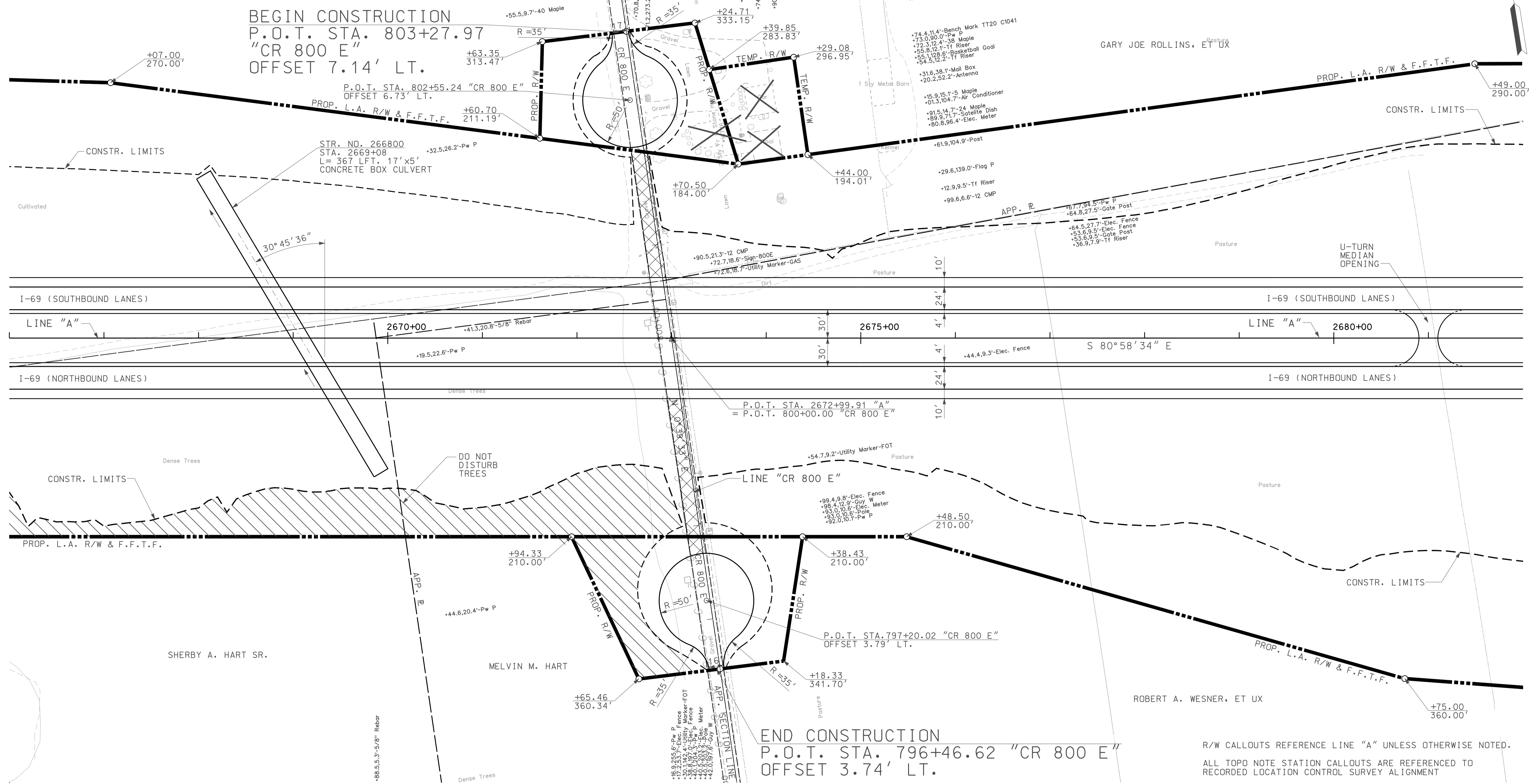
SEC. 6, T-5-N, R-5-W  
MADISON TOWNSHIP  
DAVISS COUNTY

GARY JOE ROLLINS, ET UX

2680

END CONSTRUCTION  
P.O.T. STA. 796+46.62 "CR 800 E"  
OFFSET 3.74' LT.

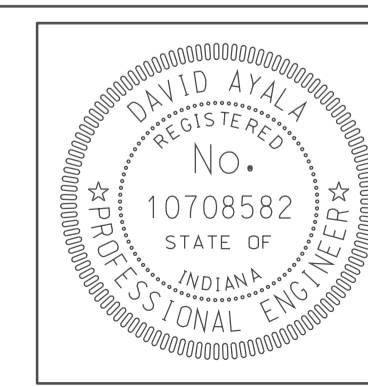
R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO  
RECORDED LOCATION CONTROL SURVEY ALIGNMENT



1/24/05  
IP: P:\P\10025\ASEG\3004.dgn

**LEGEND**

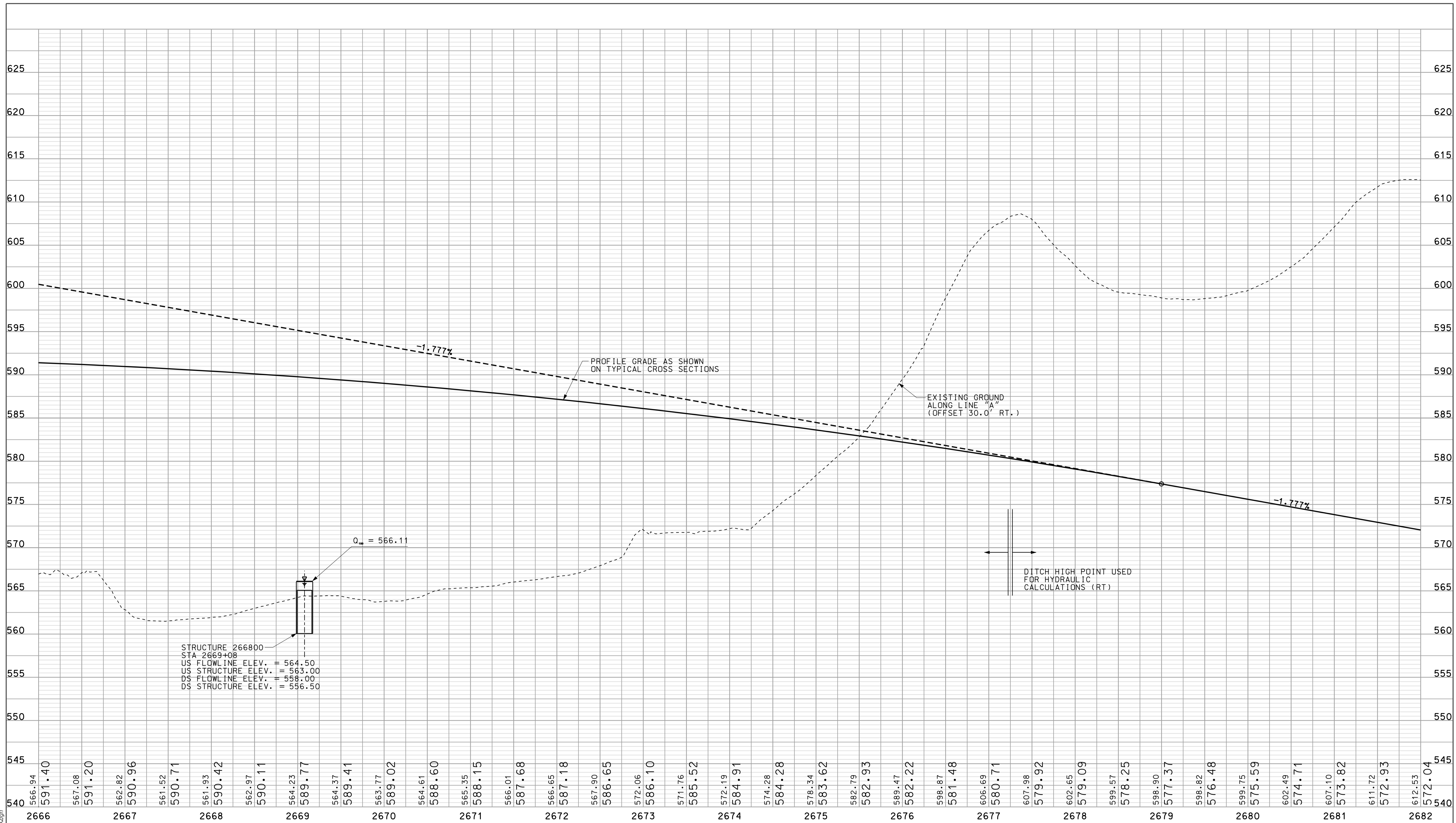
	BUILDING REMOVAL
	BEGIN L.A. R/W
	END L.A. R/W
	REMOVE EXISTING ROADWAY
	ENVIRONMENTAL RESTRICTION



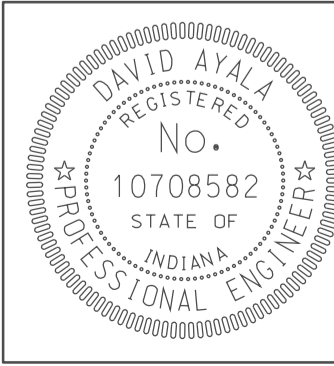
RECOMMENDED FOR APPROVAL	<i>em jo</i>	DESIGN ENGINEER	5/5/10	DATE
DESIGNED:	OCs	DRAWN:	DH	
CHECKED:	NOH	CHECKED:	DMA	

INDIANA  
DEPARTMENT OF TRANSPORTATION  
**PLAN SHEET**  
LINE "A"  
STA. 2666+00 TO STA. 2682+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-04	39 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



10/06  
 10/06  
 10/06



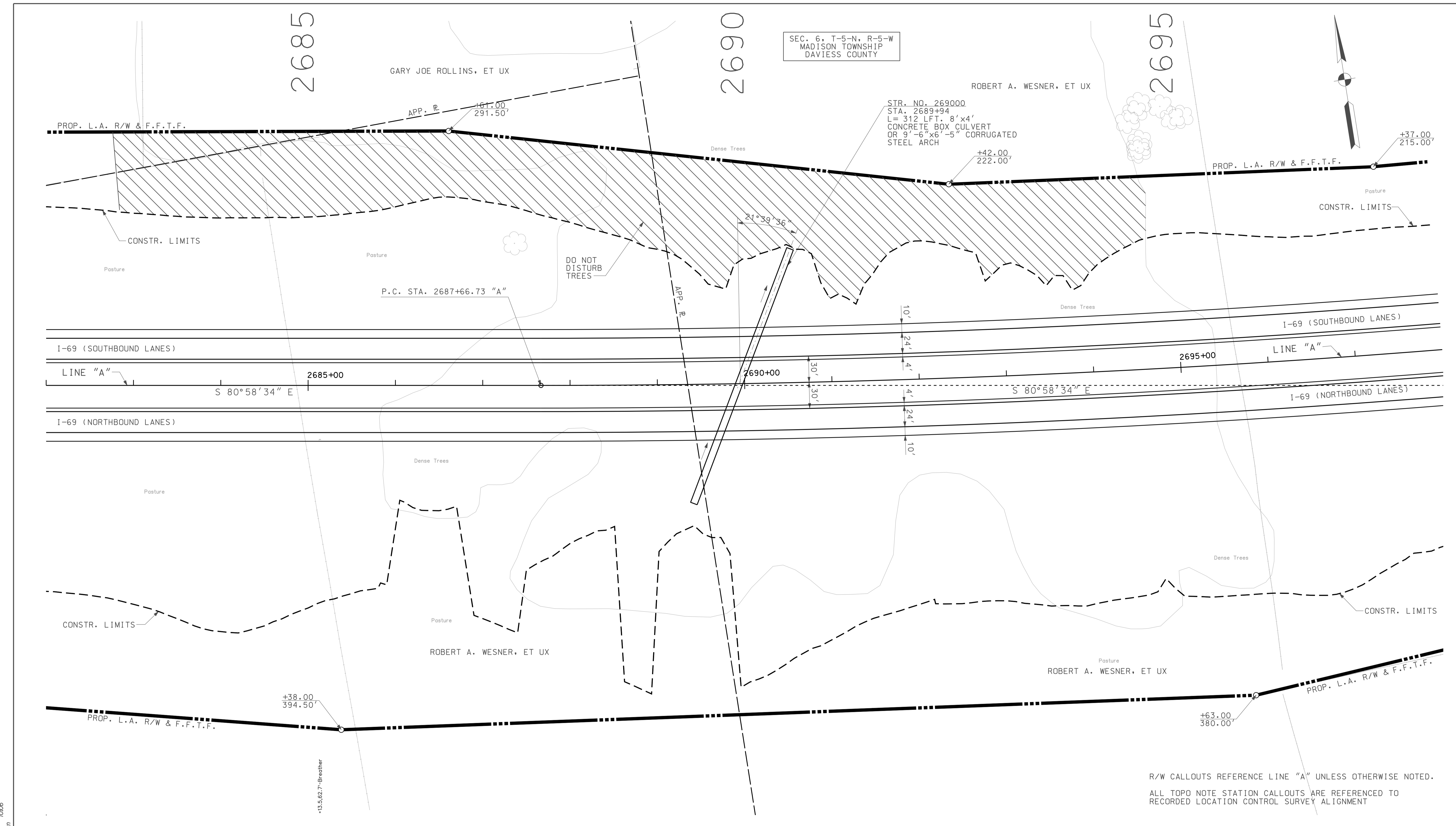
RECOMMENDED FOR APPROVAL	<i>DM</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NDH	CHECKED:	DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 PROFILE SHEET  
 LINE "A"  
 STA. 2666+00 TO STA. 2682+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
1" = 10'	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	PR-04	40 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

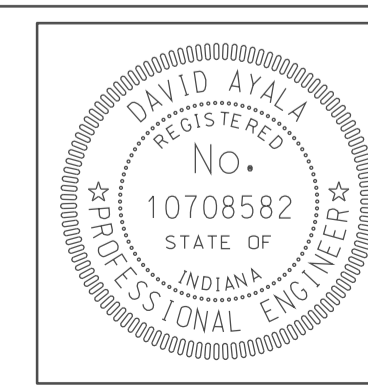


1/26/06  
 IP\_PWP-1010025-ASEG13P005.dgn



**LEGEND**

	BUILDING REMOVAL		ENVIRONMENTAL RESTRICTION
	BEGIN L.A. R/W		
	END L.A. R/W		
	REMOVE EXISTING ROADWAY		



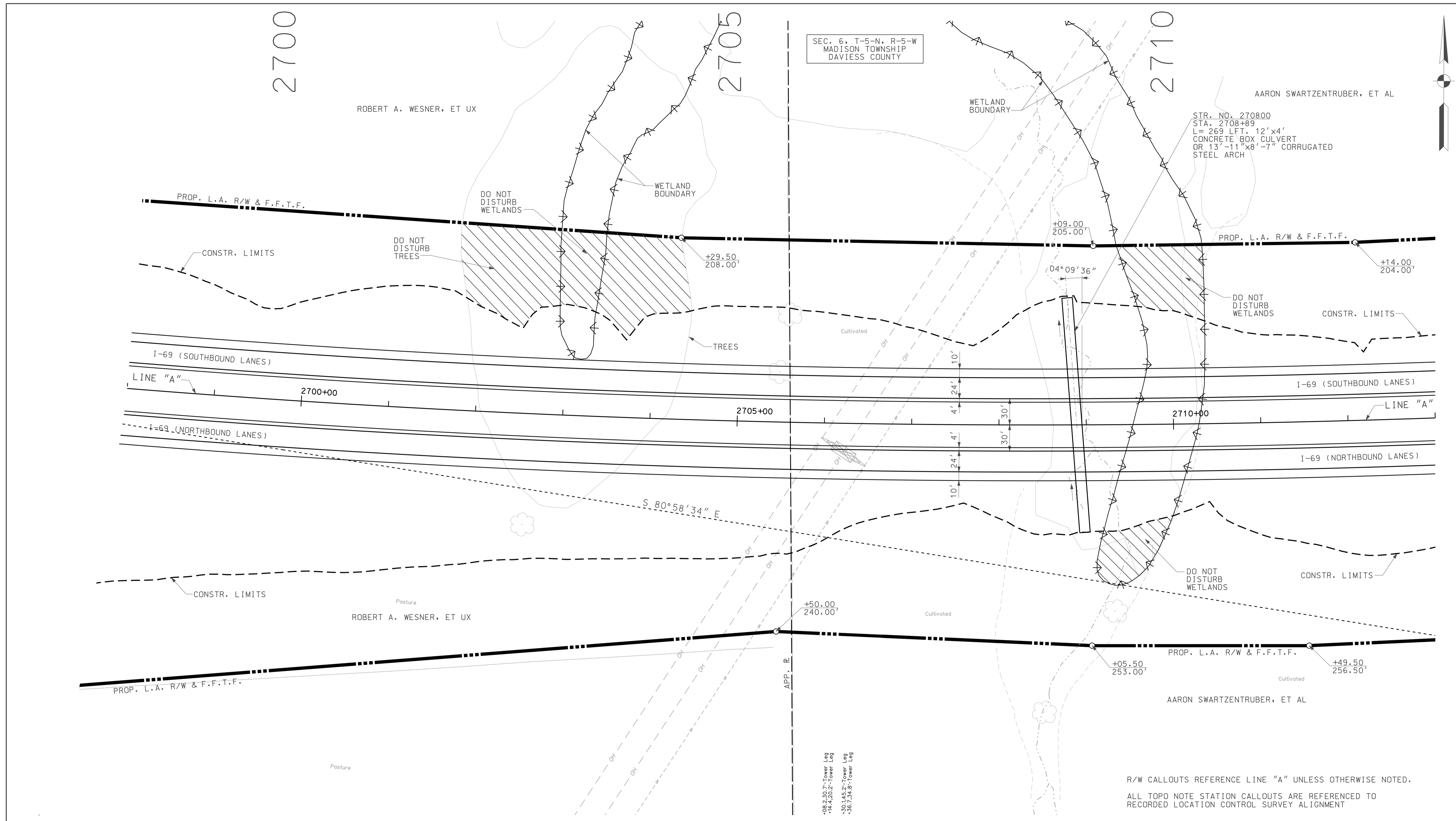
RECOMMENDED FOR APPROVAL	<i>com jo</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 PLAN SHEET  
 LINE "A"  
 STA. 2682+00 TO STA. 2698+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-05	41 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

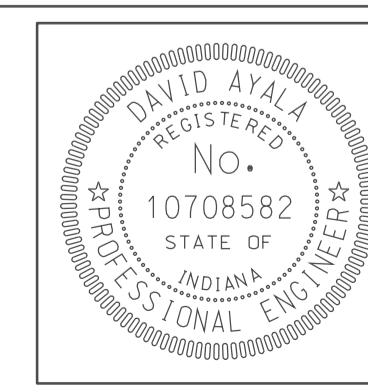


1/26/06  
 IP: P:\P\10025\ASEG\3R006.dgn



**LEGEND**

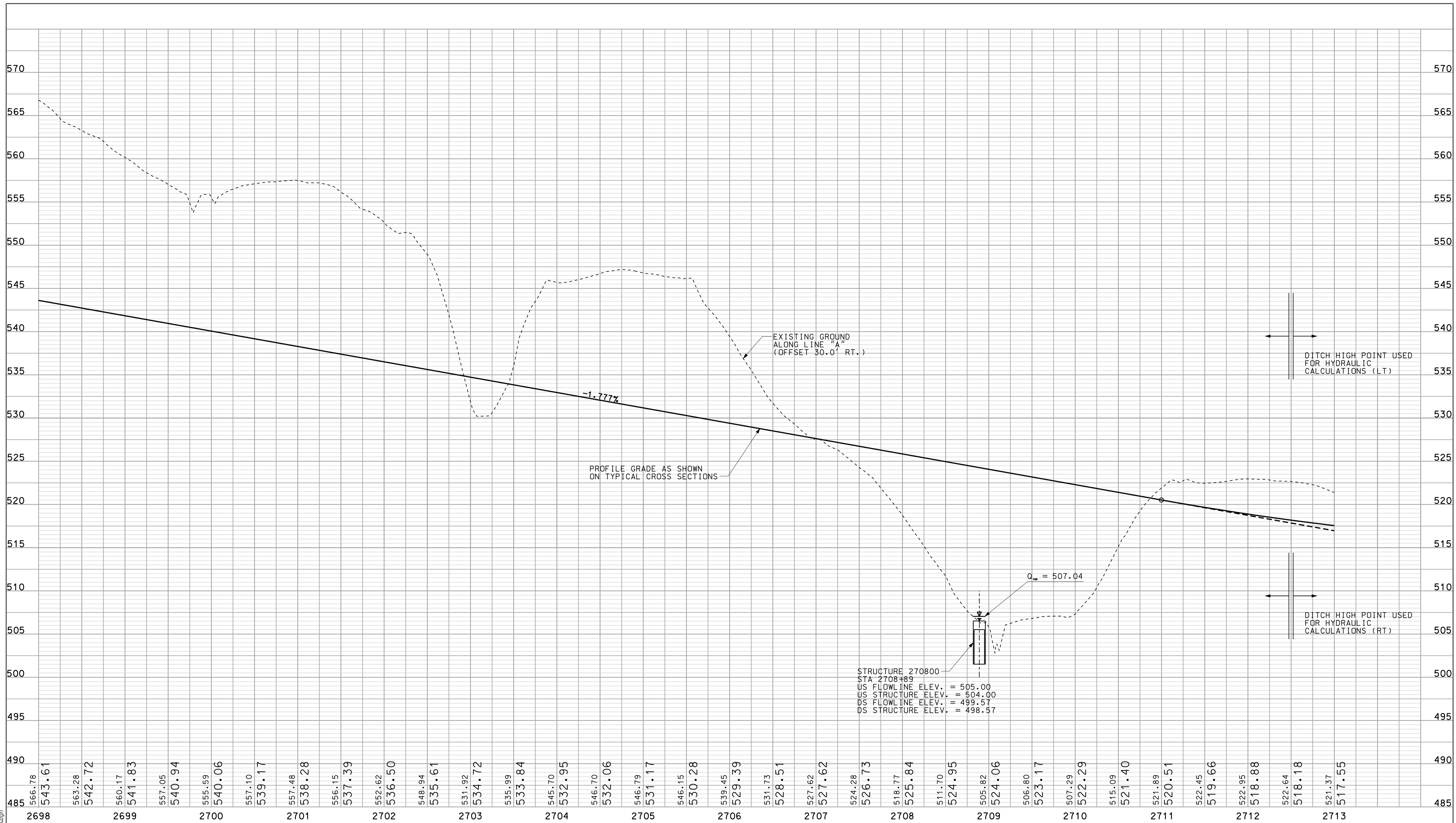
	BUILDING REMOVAL		ENVIRONMENTAL RESTRICTION
	BEGIN L.A. R/W		
	END L.A. R/W		
	REMOVE EXISTING ROADWAY		



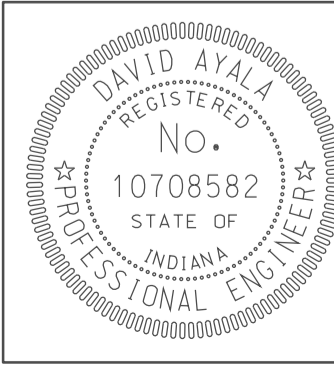
RECOMMENDED FOR APPROVAL	<i>em jo</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 PLAN SHEET  
 LINE "A"  
 STA. 2698+00 TO STA. 2713+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-06	43 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



10/06  
 1P\_P:\P\2010\025\A\SE\G\3\PROG.dgn  
 10/06  
 10/06

	RECOMMENDED FOR APPROVAL <i>DM</i> DESIGN ENGINEER	5/5/10 DATE	INDIANA DEPARTMENT OF TRANSPORTATION			HORIZONTAL SCALE 1" = 50' VERTICAL SCALE 1" = 10'		BRIDGE FILE DESIGNATION 0500445	
	DESIGNED: OCS CHECKED: NDH	DRAWN: DH CHECKED: DMA	PROFILE SHEET LINE "A" STA. 2698+00 TO STA. 2713+00			SURVEY BOOK IR-33051		DWG. NO. PR-06	SHEET NO. 44 of 373

2715

2720

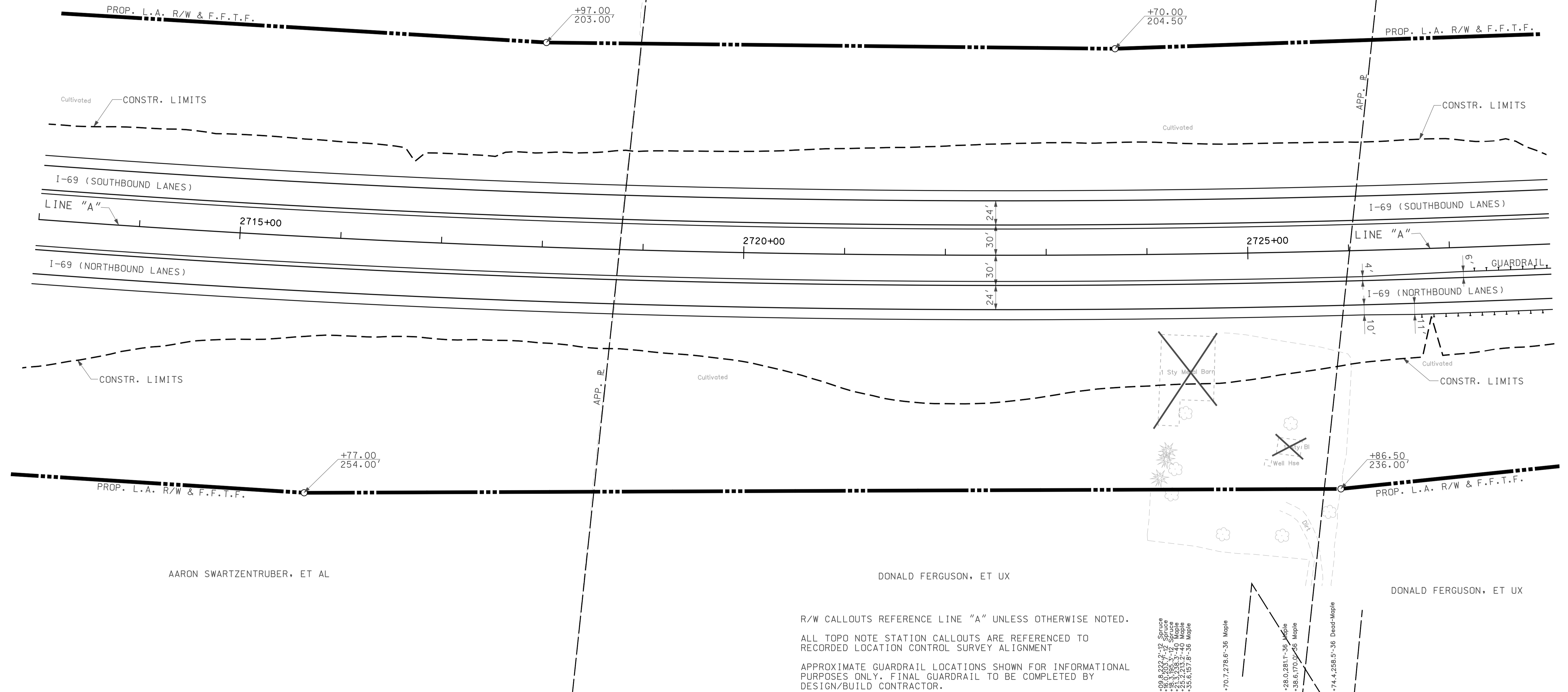
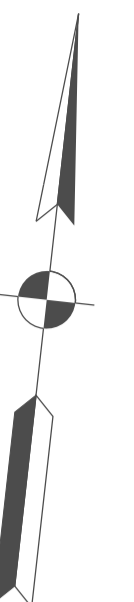
2725

SEC. 6, T-5-N, R-5-W  
MADISON TOWNSHIP  
DAVISS COUNTY

AARON SWARTZENTRUBER, ET AL

DONALD FERGUSON, ET UX

DONALD FERGUSON, ET UX

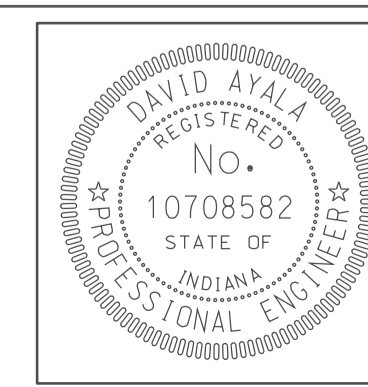


R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
 ALL TOPD NOTE STATION CALLOUTS ARE REFERENCED TO  
 RECORDED LOCATION CONTROL SURVEY ALIGNMENT  
 APPROXIMATE GUARDRAIL LOCATIONS SHOWN FOR INFORMATIONAL  
 PURPOSES ONLY. FINAL GUARDRAIL TO BE COMPLETED BY  
 DESIGN/BUILD CONTRACTOR.

- +09.8,222.8-12 Spruce
- +18.3,195.5-12 Spruce
- +21.3,238.3-40 Maple
- +35.6,157.8-36 Maple
- +70.7,278.8-36 Maple
- +28.0,281.1-36 Maple
- +38.6,170.0-36 Maple
- +74.4,258.5-36 Dead-Maple

1/2006  
IP: P:\P\10025\ASEG\3\ROOT\_4.dgn

LEGEND	
	BUILDING REMOVAL
	BEGIN L.A. R/W
	END L.A. R/W
	REMOVE EXISTING ROADWAY
	ENVIRONMENTAL RESTRICTION

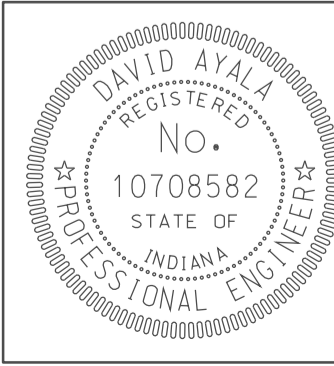
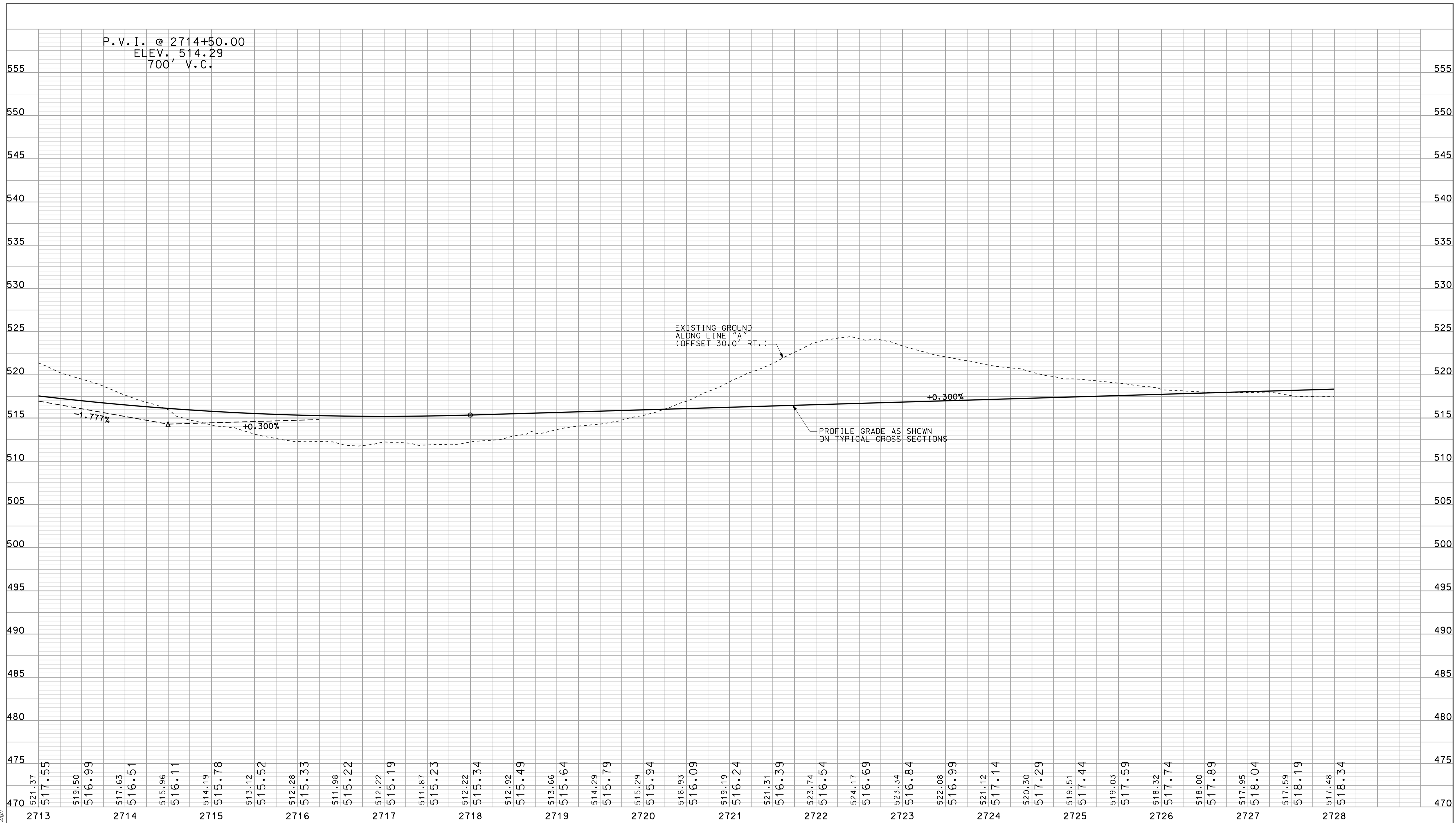


RECOMMENDED FOR APPROVAL	<i>em jo</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION  
**PLAN SHEET**  
LINE "A"  
STA. 2713+00 TO STA. 2728+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	PN-07	45 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

APR 2010  
IP: P:\P\0025\F503\F503.PLOT.dgn



RECOMMENDED FOR APPROVAL *DM* 5/5/10  
DESIGN ENGINEER DATE

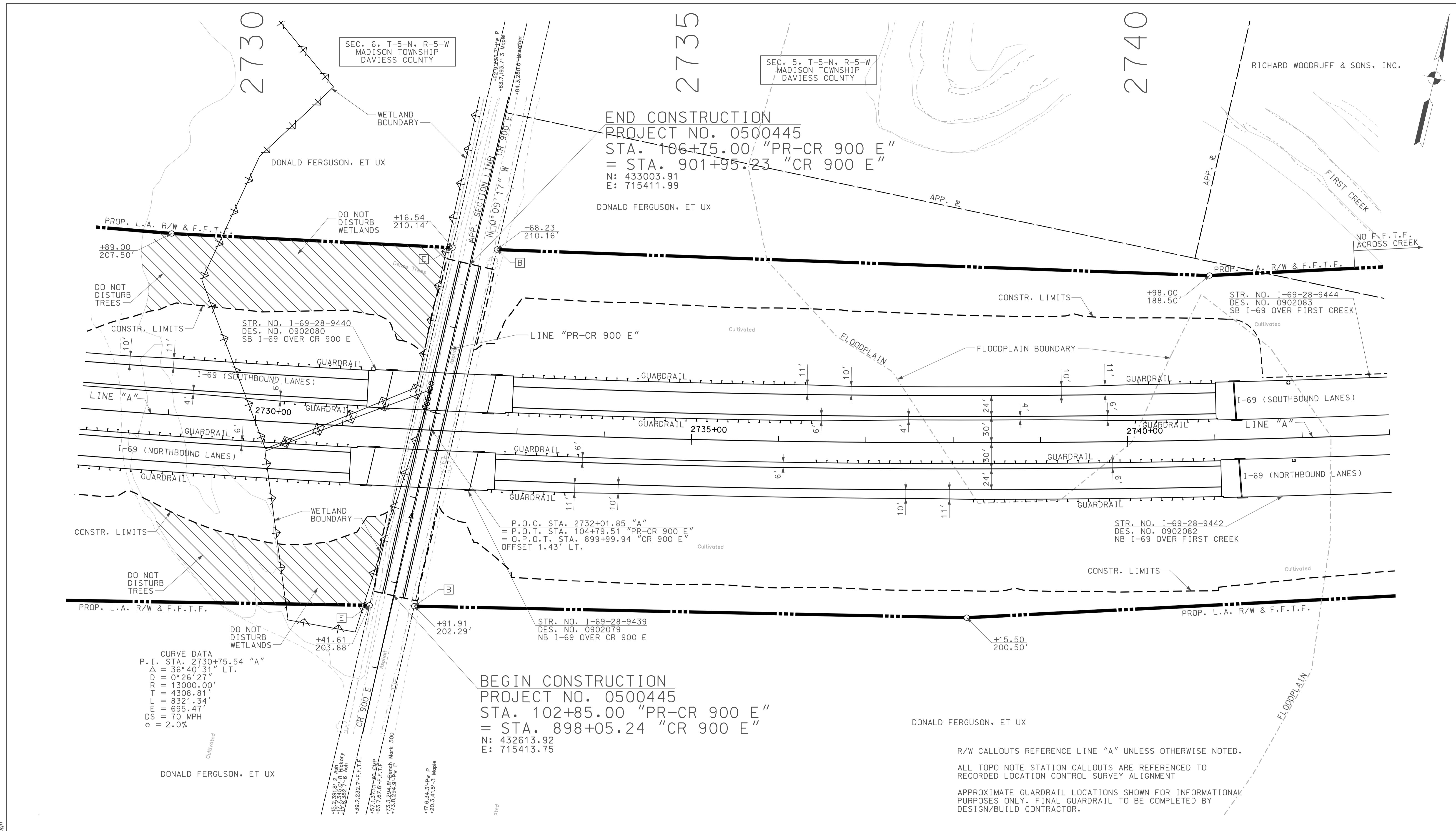
DESIGNED: OCS DRAWN: DH  
CHECKED: NDH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION

PROFILE SHEET LINE "A" STA. 2713+00 TO STA. 2728+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
1" = 10'	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PR-07	46 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

10/07  
 10/07  
 IP: P:\P\10025\ASEG\3\0008.dgn



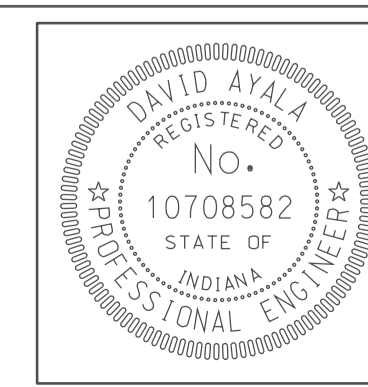
**CURVE DATA**  
 P.I. STA. 2730+75.54 "A"  
 $\Delta = 36^{\circ} 40' 31''$  LT.  
 $OD = 0^{\circ} 26' 27''$   
 $R = 13000.00'$   
 $T = 4308.81'$   
 $L = 8321.34'$   
 $E = 695.47'$   
 $DS = 70$  MPH  
 $e = 2.0\%$

**BEGIN CONSTRUCTION**  
 PROJECT NO. 0500445  
 STA. 102+85.00 "PR-CR 900 E"  
 = STA. 898+05.24 "CR 900 E"  
 N: 432613.92  
 E: 715413.75

**END CONSTRUCTION**  
 PROJECT NO. 0500445  
 STA. 106+75.00 "PR-CR 900 E"  
 = STA. 901+95.23 "CR 900 E"  
 N: 433003.91  
 E: 715411.99

R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
 ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO  
 RECORDED LOCATION CONTROL SURVEY ALIGNMENT  
 APPROXIMATE GUARDRAIL LOCATIONS SHOWN FOR INFORMATIONAL  
 PURPOSES ONLY. FINAL GUARDRAIL TO BE COMPLETED BY  
 DESIGN/BUILD CONTRACTOR.

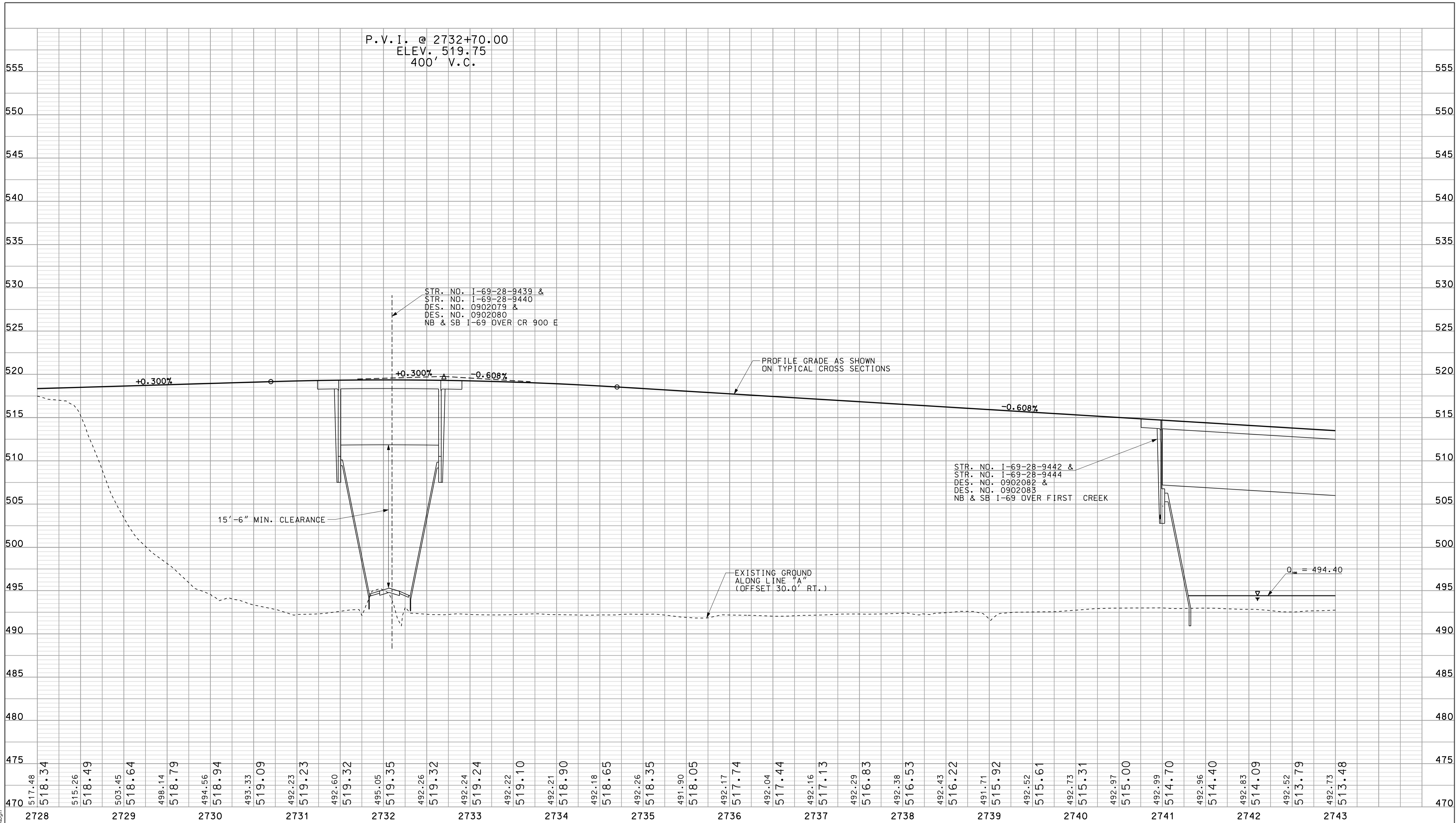
LEGEND	
	BUILDING REMOVAL
	ENVIRONMENTAL RESTRICTION
	BEGIN L.A. R/W
	END L.A. R/W
	REMOVE EXISTING ROADWAY



RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	DESIGN ENGINEER	5/5/10	DATE
DESIGNED:	OCs	DRAWN:	DH	
CHECKED:	NOH	CHECKED:	DMA	

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
**PLAN SHEET**  
**LINE "A"**  
 STA. 2728+00 TO STA. 2743+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-08	47 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



P.V.I. @ 2732+70.00  
 ELEV. 519.75  
 400' V.C.

STR. NO. I-69-28-9439 &  
 STR. NO. I-69-28-9440  
 DES. NO. 0902079 &  
 DES. NO. 0902080  
 NB & SB I-69 OVER CR 900 E

PROFILE GRADE AS SHOWN  
 ON TYPICAL CROSS SECTIONS

STR. NO. I-69-28-9442 &  
 STR. NO. I-69-28-9444  
 DES. NO. 0902082 &  
 DES. NO. 0902085  
 NB & SB I-69 OVER FIRST CREEK

15'-6" MIN. CLEARANCE

EXISTING GROUND  
 ALONG LINE "A"  
 (OFFSET 30.0' RT.)

0. = 494.40

10/07  
 I-69-28-9439 & 9440  
 DES. NO. 0902079 & 0902080  
 NB & SB I-69 OVER CR 900 E

	RECOMMENDED FOR APPROVAL <i>(Signature)</i> DESIGN ENGINEER	5/5/10 DATE	INDIANA DEPARTMENT OF TRANSPORTATION													
	DESIGNED: OCS CHECKED: NOH	DRAWN: DH CHECKED: DMA	PROFILE SHEET LINE "A" STA. 2728+00 TO STA. 2743+00		<table border="1"> <tr> <td>HORIZONTAL SCALE 1" = 50'</td> <td colspan="2">BRIDGE FILE</td> </tr> <tr> <td>VERTICAL SCALE 1" = 10'</td> <td colspan="2">DESIGNATION 0500445</td> </tr> <tr> <td>SURVEY BOOK IR-33051</td> <td>DWG. NO. PR-08</td> <td>SHEET NO. 48 of 373</td> </tr> <tr> <td></td> <td colspan="2">PROJECT 0500445</td> </tr> </table>	HORIZONTAL SCALE 1" = 50'	BRIDGE FILE		VERTICAL SCALE 1" = 10'	DESIGNATION 0500445		SURVEY BOOK IR-33051	DWG. NO. PR-08	SHEET NO. 48 of 373		PROJECT 0500445
HORIZONTAL SCALE 1" = 50'	BRIDGE FILE															
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445															
SURVEY BOOK IR-33051	DWG. NO. PR-08	SHEET NO. 48 of 373														
	PROJECT 0500445															



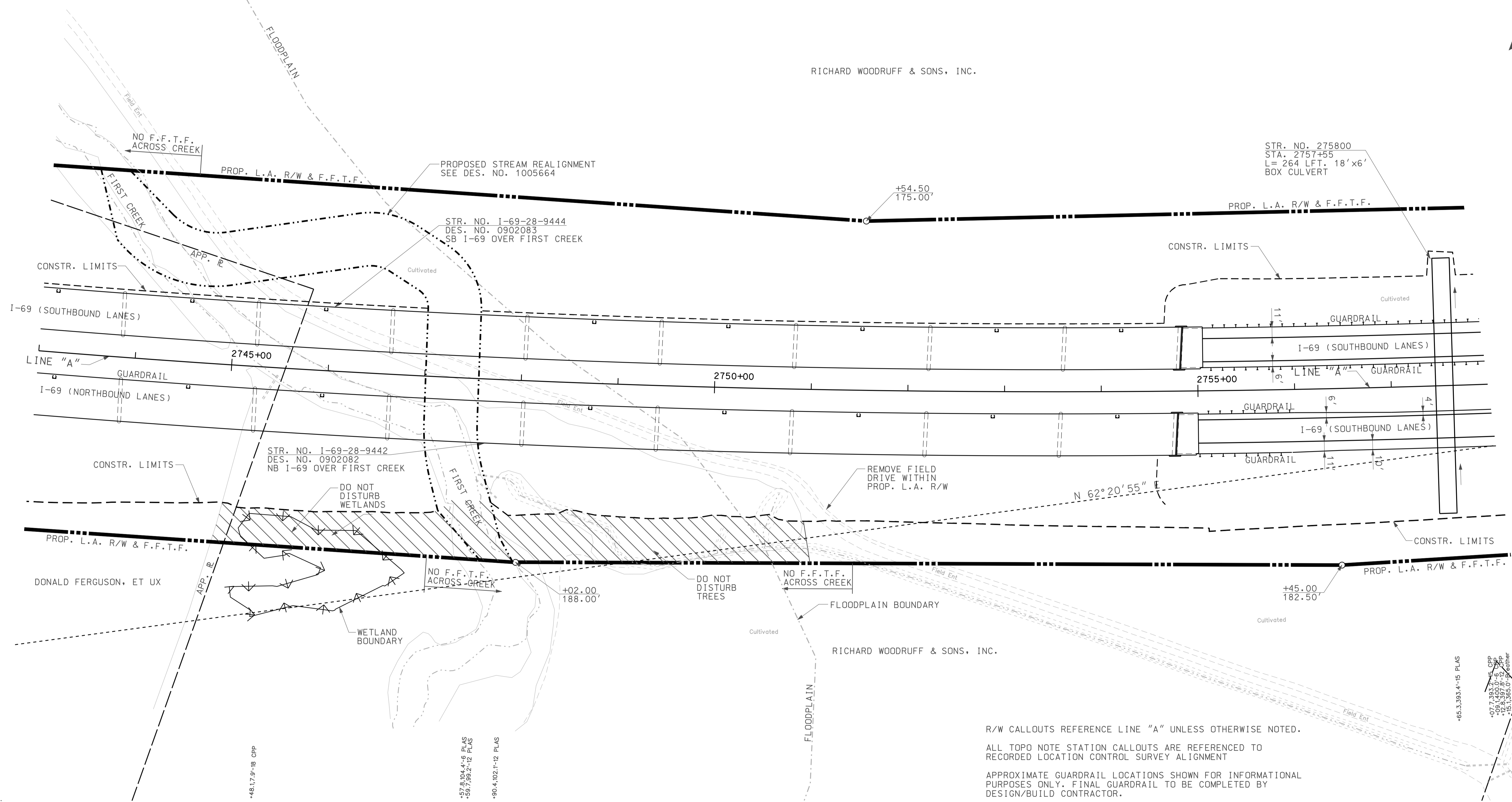
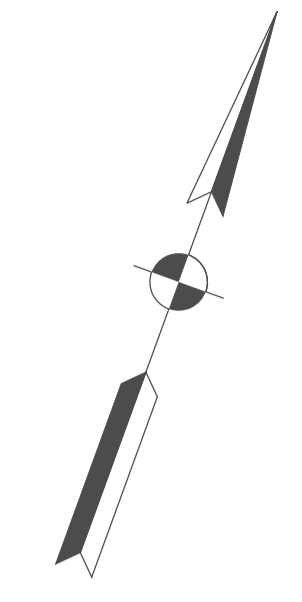
2745

2750

2755

SEC. 5, T-5-N, R-5-W  
MADISON TOWNSHIP  
DAVIESS COUNTY

RICHARD WOODRUFF & SONS, INC.

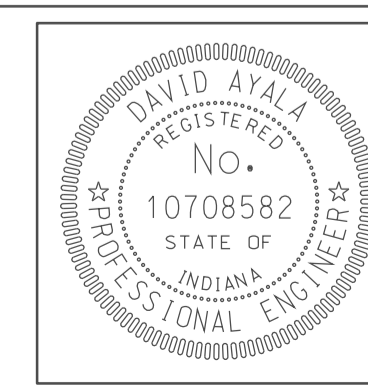


R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
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 APPROXIMATE GUARDRAIL LOCATIONS SHOWN FOR INFORMATIONAL PURPOSES ONLY. FINAL GUARDRAIL TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

10/07  
IP: P:\P\10025\ASEG\3\003.dgn

**LEGEND**

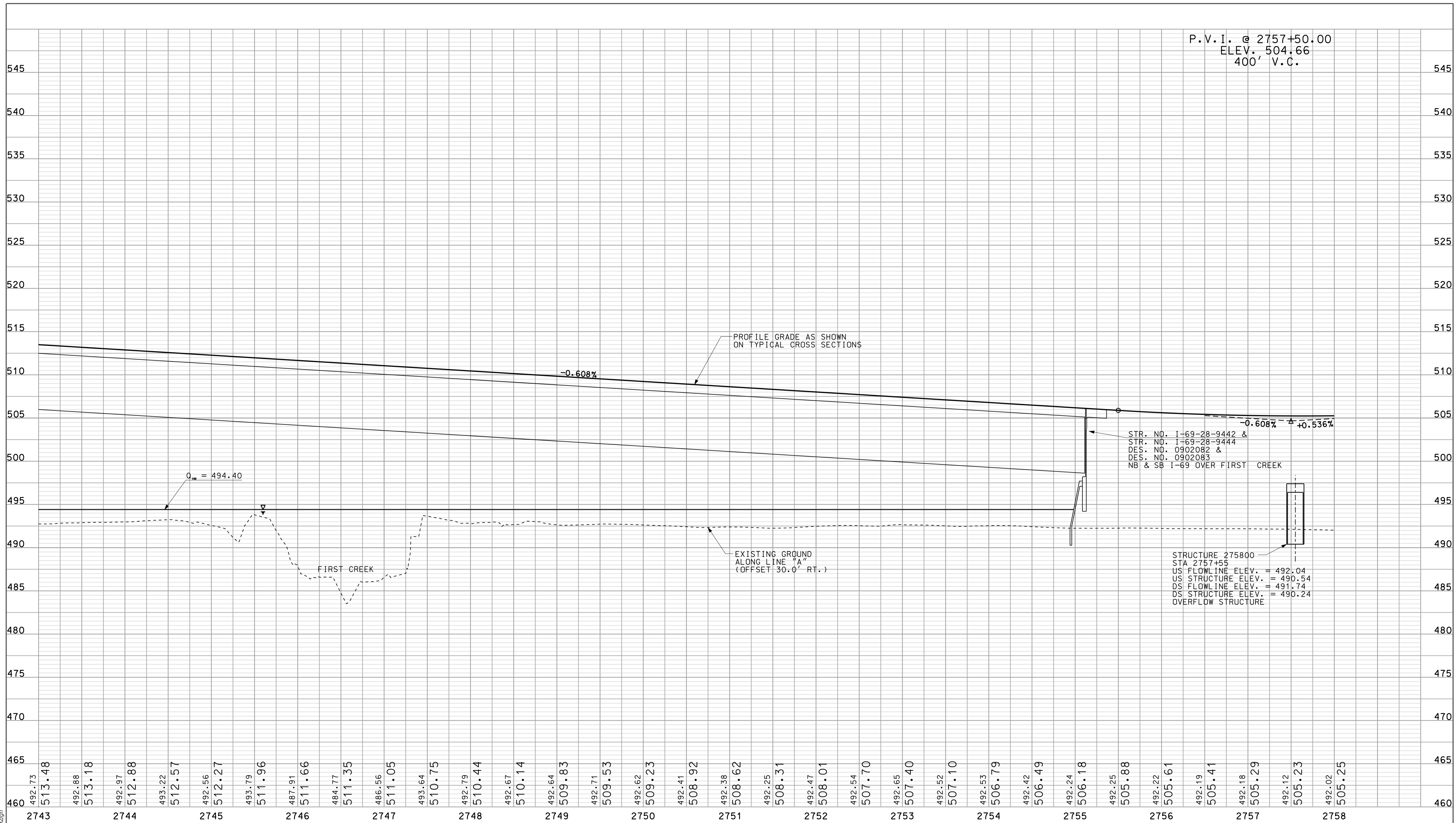
	BUILDING REMOVAL		ENVIRONMENTAL RESTRICTION
	BEGIN L.A. R/W		
	END L.A. R/W		
	REMOVE EXISTING ROADWAY		



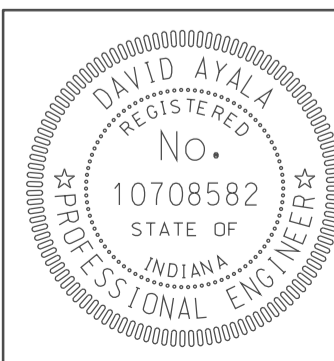
RECOMMENDED FOR APPROVAL	<i>com jo</i>	DESIGN ENGINEER	DATE
			5/5/10
DESIGNED:	OCs	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION  
**PLAN SHEET**  
LINE "A"  
STA. 2743+00 TO STA. 2758+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-09	49 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



10/07  
 I:\Projects\2010\IP-P\IP-2010025\A\SEG1\PROJ\09.dgn  
 10/07/2010



RECOMMENDED FOR APPROVAL *David Ayala* 5/5/10  
 DESIGN ENGINEER DATE

DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION  
 PROFILE SHEET  
 LINE "A"  
 STA. 2743+00 TO STA. 2758+00

HORIZONTAL SCALE 1" = 50'		BRIDGE FILE	
VERTICAL SCALE 1" = 10'		DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	PR-09	50 of 373	
PROJECT		0500445	

2760

2765

2770

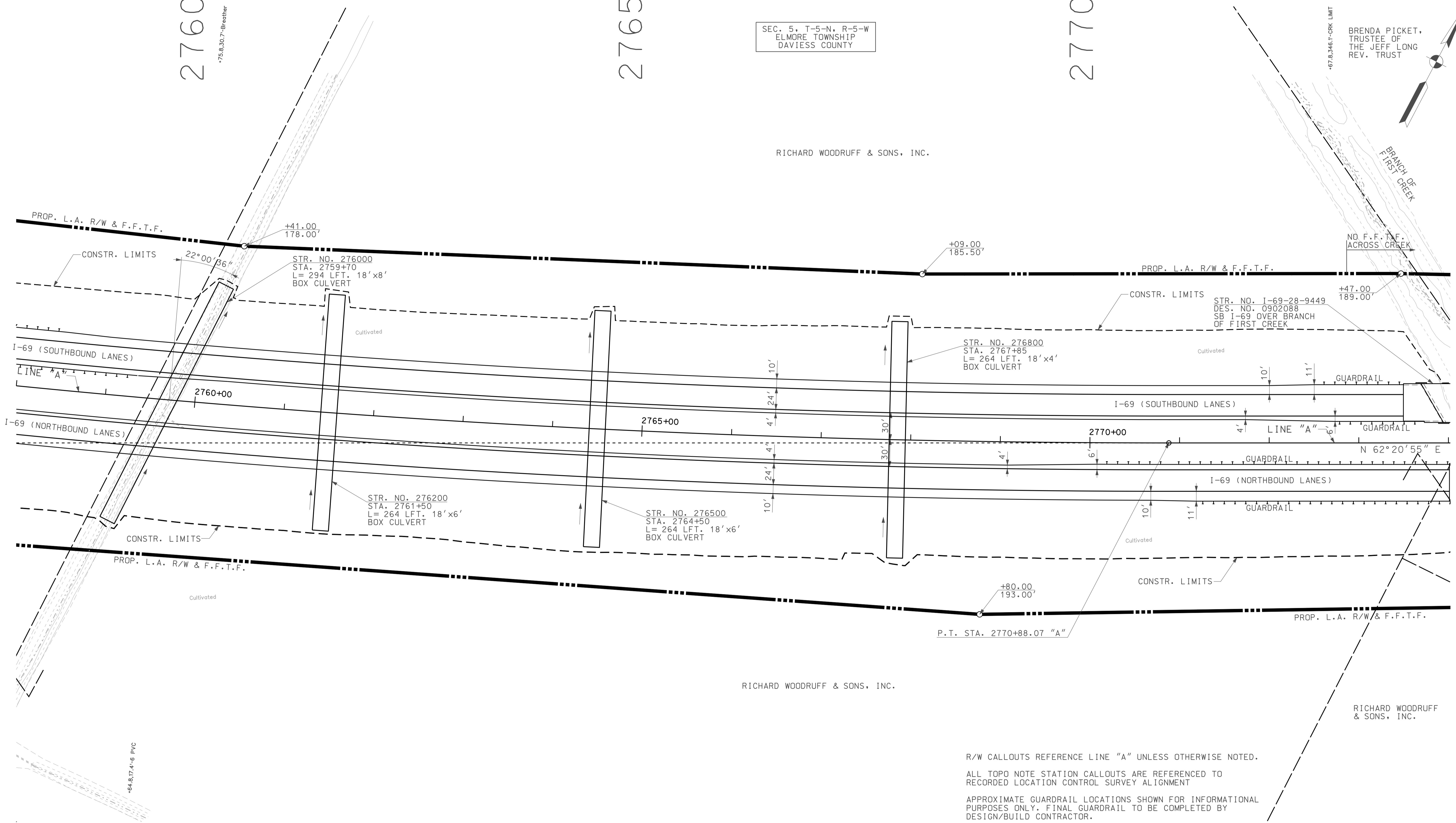
SEC. 5, T-5-N, R-5-W  
ELMORE TOWNSHIP  
DAVISS COUNTY

RICHARD WOODRUFF & SONS, INC.

RICHARD WOODRUFF & SONS, INC.

BRENDA PICKET,  
TRUSTEE OF  
THE JEFF LONG  
REV. TRUST

RICHARD WOODRUFF  
& SONS, INC.

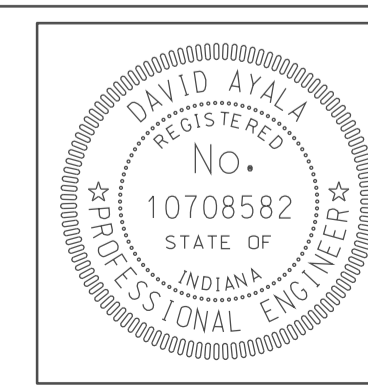


R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
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 APPROXIMATE GUARDRAIL LOCATIONS SHOWN FOR INFORMATIONAL PURPOSES ONLY. FINAL GUARDRAIL TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

10/07  
IP: P:\P\10025\ASEG\3P00.dgn

**LEGEND**

	BUILDING REMOVAL		ENVIRONMENTAL RESTRICTION
	BEGIN L.A. R/W		
	END L.A. R/W		
	REMOVE EXISTING ROADWAY		



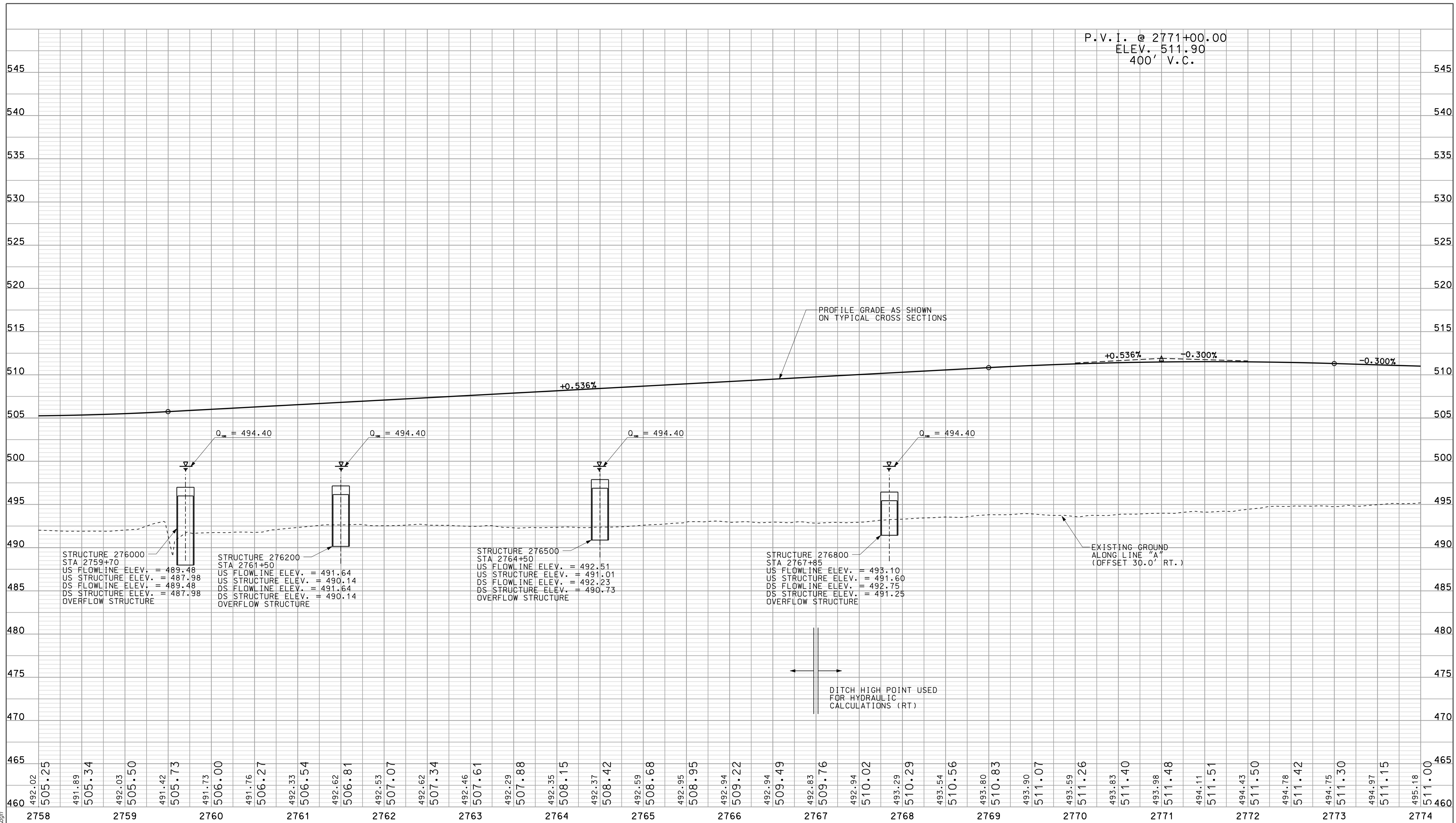
RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN SHEET  
LINE "A"  
STA. 2758+00 TO STA. 2774+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-10	51 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

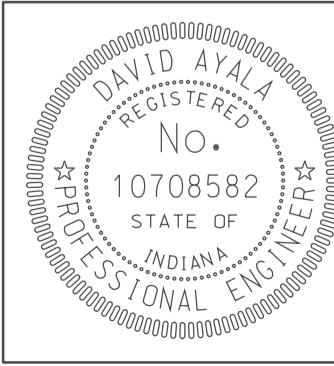
P.V.I. @ 2771+00.00  
 ELEV. 511.90  
 400' V.C.



10/08 11/10/2010 10:08 AM

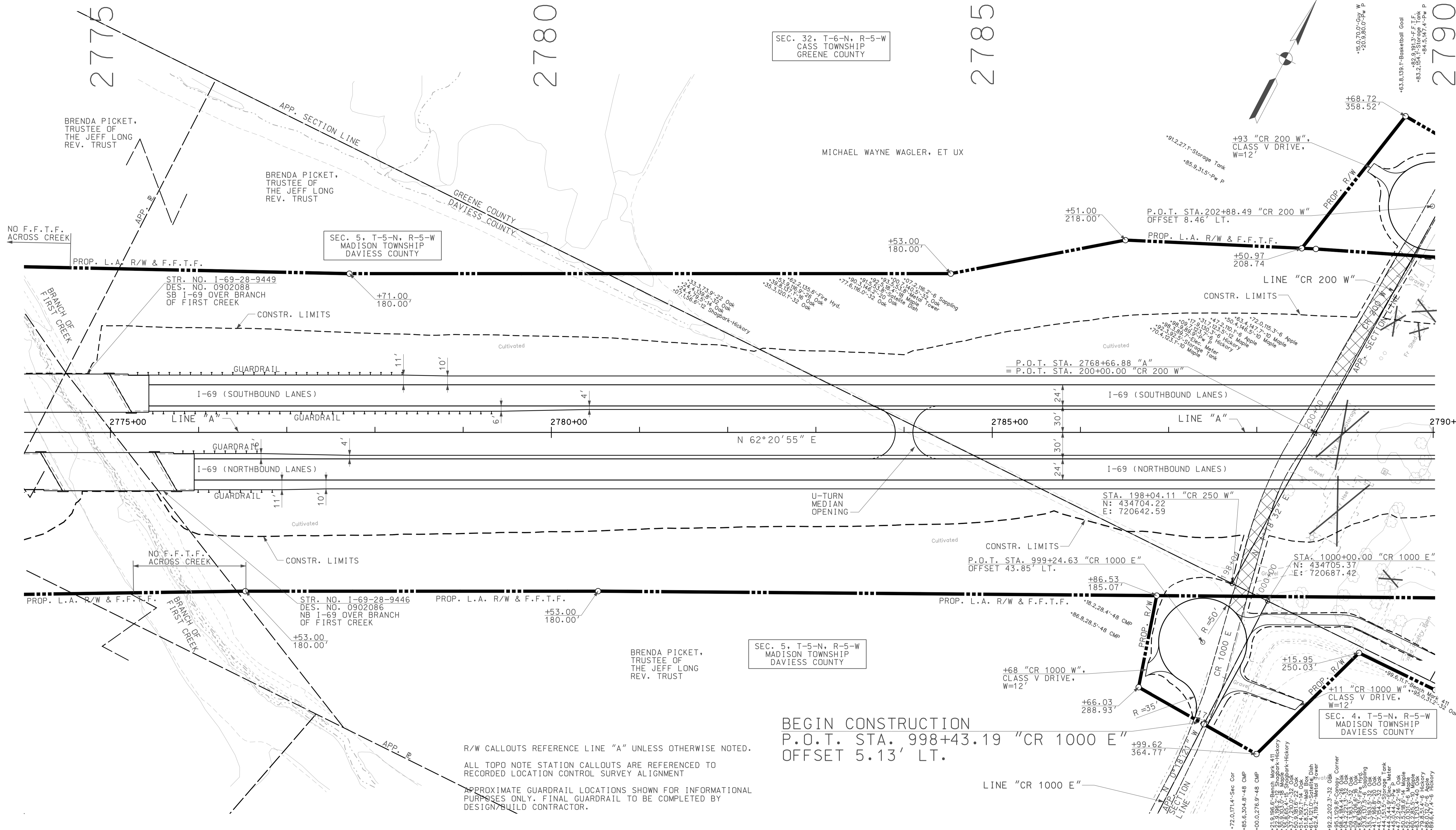
RECOMMENDED FOR APPROVAL  
 DESIGN ENGINEER: [Signature] DATE: 5/5/10

DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA



INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 PROFILE SHEET  
 LINE "A"  
 STA. 2758+00 TO STA. 2774+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK IR-33051	DWG. NO. PR-10	SHEET NO. 52 of 373
	PROJECT 0500445	



SEC. 32, T-6-N, R-5-W  
CASS TOWNSHIP  
GREENE COUNTY

SEC. 5, T-5-N, R-5-W  
MADISON TOWNSHIP  
DAVISS COUNTY

SEC. 5, T-5-N, R-5-W  
MADISON TOWNSHIP  
DAVISS COUNTY

SEC. 4, T-5-N, R-5-W  
MADISON TOWNSHIP  
DAVISS COUNTY

BEGIN CONSTRUCTION  
P.O.T. STA. 998+43.19 "CR 1000 E"  
OFFSET 5.13' LT.

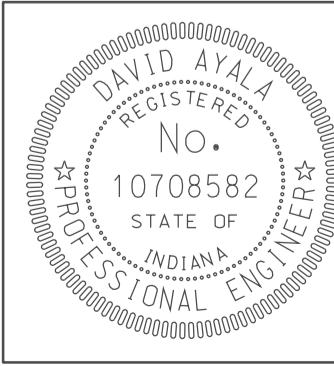
R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO  
RECORDED LOCATION CONTROL SURVEY ALIGNMENT

APPROXIMATE GUARDRAIL LOCATIONS SHOWN FOR INFORMATIONAL  
PURPOSES ONLY. FINAL GUARDRAIL TO BE COMPLETED BY  
DESIGN/BUILD CONTRACTOR.

10/08  
 10/08/2010  
 IP: P:\P\10025\A\SE\3\011.dgn

**LEGEND**

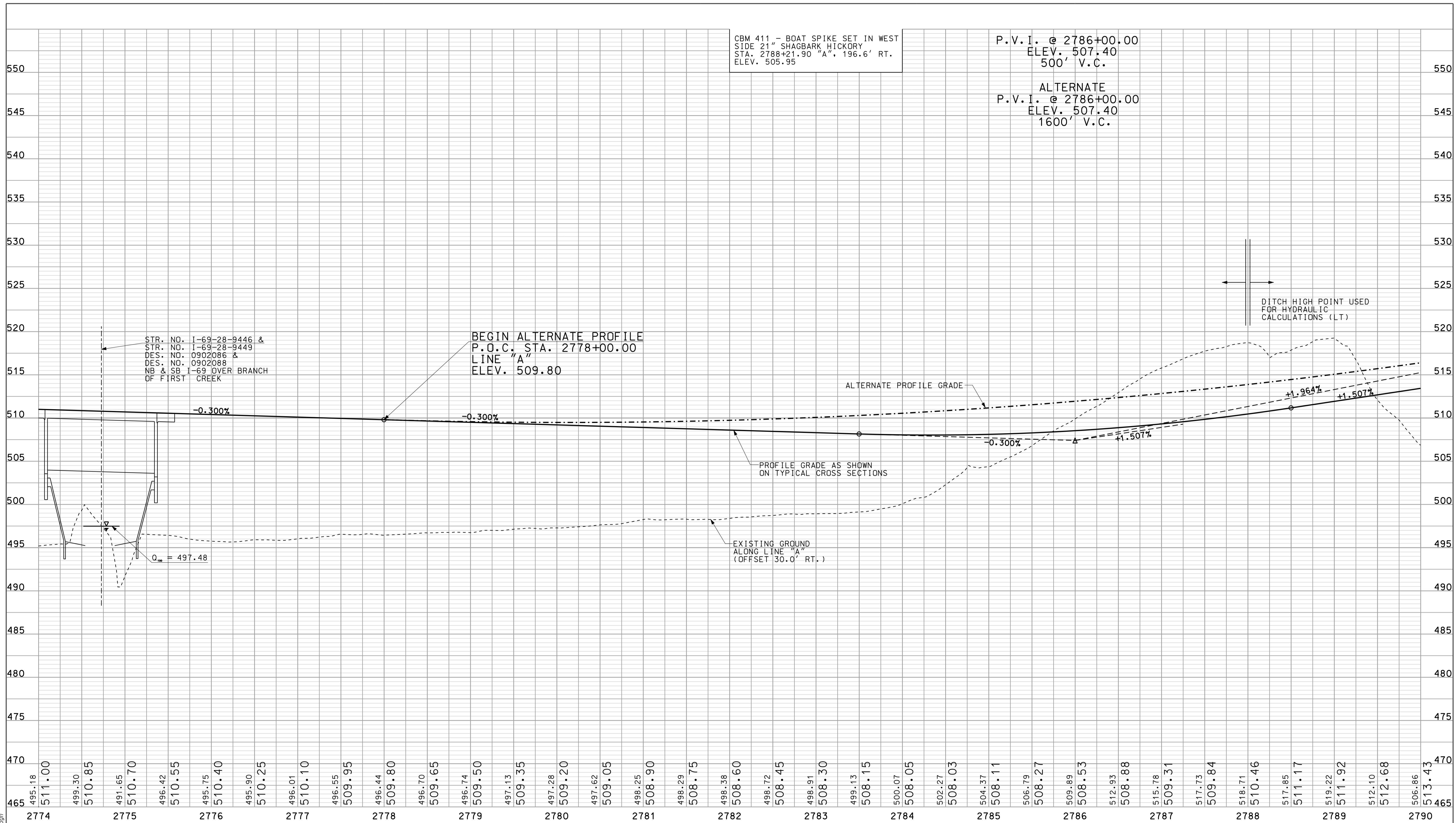
	BUILDING REMOVAL
	BEGIN L.A. R/W
	END L.A. R/W
	REMOVE EXISTING ROADWAY
	ENVIRONMENTAL RESTRICTION



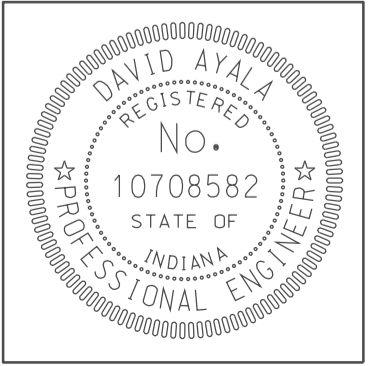
RECOMMENDED FOR APPROVAL	<i>com jg</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCs	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION  
**PLAN SHEET**  
LINE "A"  
STA. 2774+00 TO STA. 2790+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	PN-11	53 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



I:\Projects\2010\IP-FW-2010\25\BASE\PROJ1.dgn 10:08



RECOMMENDED FOR APPROVAL *DMA*  
DESIGN ENGINEER DATE 5/5/10

DESIGNED: OCS DRAWN: DH  
CHECKED: NDH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION

PROFILE SHEET LINE "A" STA. 2774+00 TO STA. 2790+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445
SURVEY BOOK IR-33051	DWG. NO. PR-11 SHEET NO. 54 of 373
PROJECT 0500445	

2790

2795

2800

2805

SEC. 33, T-6-N, R-5-W  
CASS TOWNSHIP  
GREENE COUNTY

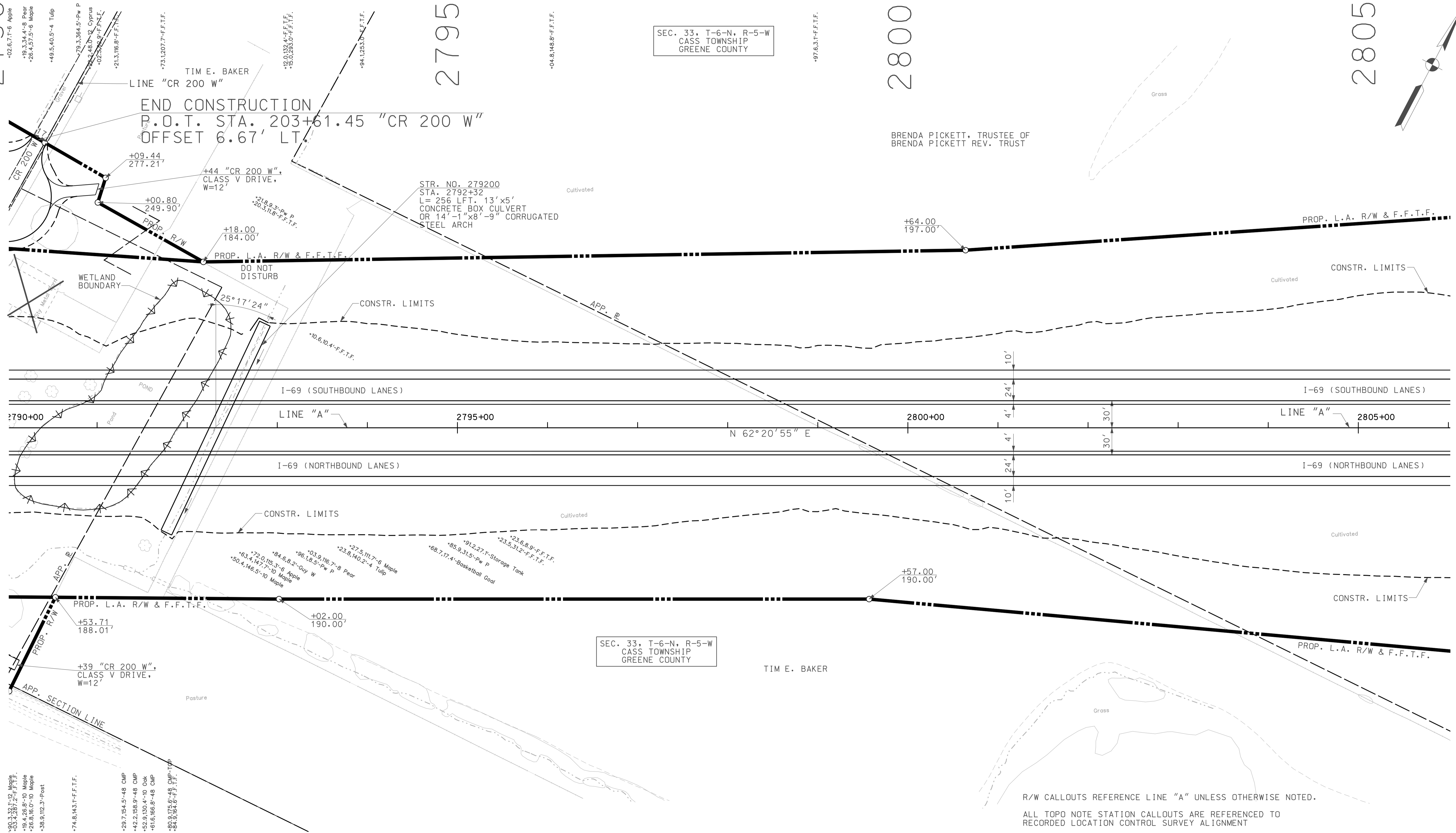
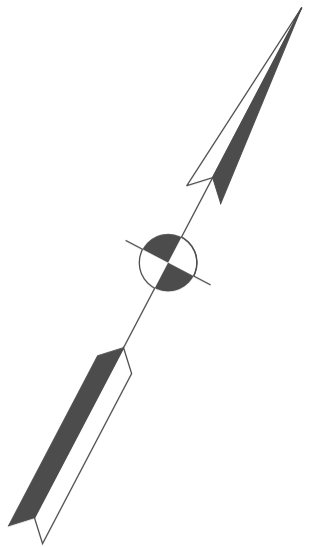
+97.6,3.1-F.F.T.F.

+04.8,148.8-F.F.T.F.

TIM E. BAKER  
LINE "CR 200 W"

END CONSTRUCTION  
P.O.T. STA. 203+61.45 "CR 200 W"  
OFFSET 6.67' LT.

BRENDA PICKETT, TRUSTEE OF  
BRENDA PICKETT REV. TRUST



SEC. 33, T-6-N, R-5-W  
CASS TOWNSHIP  
GREENE COUNTY

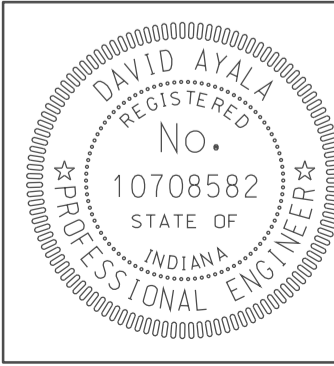
TIM E. BAKER

R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.

ALL TOPD NOTE STATION CALLOUTS ARE REFERENCED TO  
RECORDED LOCATION CONTROL SURVEY ALIGNMENT

LEGEND

	BUILDING REMOVAL		ENVIRONMENTAL RESTRICTION
	BEGIN L.A. R/W		
	END L.A. R/W		
	REMOVE EXISTING ROADWAY		



RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCs	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

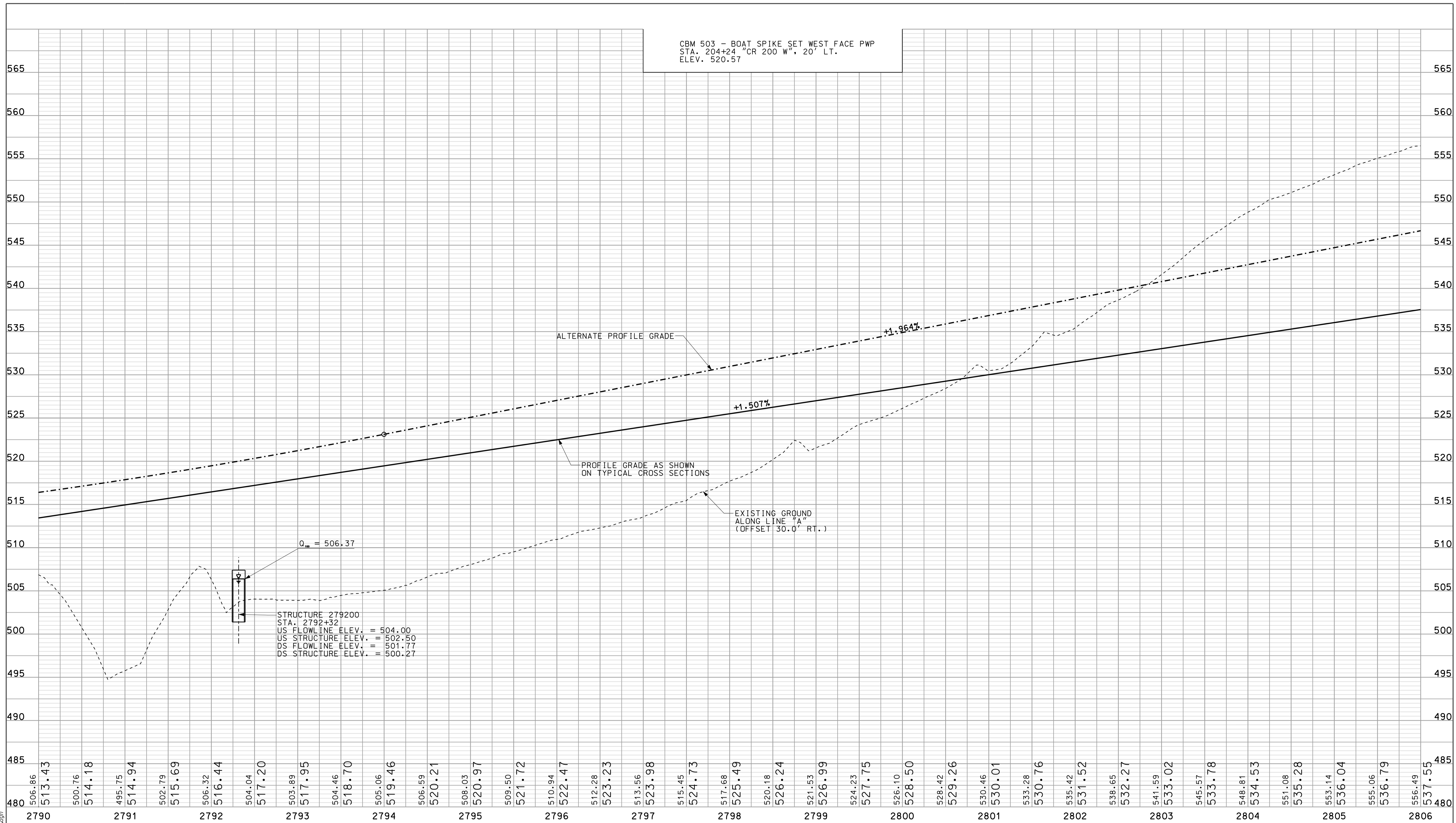
INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN SHEET  
LINE "A"  
STA. 2790+00 TO STA. 2806+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	PN-12	55 of 373
CONTRACT	PROJECT	
	0500445	

10/08  
IP: P:\P\0025\ASEG\3012.dgn

CBM 503 - BOAT SPIKE SET WEST FACE PWP  
 STA. 204+24 CR 200 W", 20' LT.  
 ELEV. 520.57



STRUCTURE 279200  
 STA. 2792+32  
 US FLOWLINE ELEV. = 504.00  
 US STRUCTURE ELEV. = 502.50  
 DS FLOWLINE ELEV. = 501.77  
 DS STRUCTURE ELEV. = 500.27

$Q_{max} = 506.37$

ALTERNATE PROFILE GRADE

PROFILE GRADE AS SHOWN  
 ON TYPICAL CROSS SECTIONS

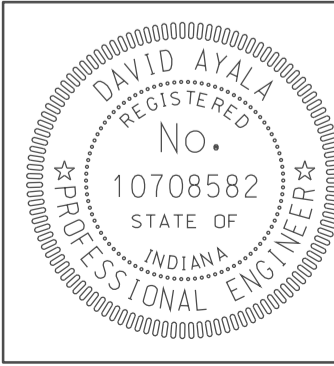
EXISTING GROUND  
 ALONG LINE "A"  
 (OFFSET 30.0 RT.)

+1.964%

+1.507%

10/09  
 10/09  
 IP\_PWP-80025A\FSE\3PROJ2.dgn

480	506.86	513.43	500.76	514.18	495.75	514.94	502.79	515.69	506.32	516.44	504.04	517.20	503.89	517.95	504.46	518.70	505.06	519.46	506.59	520.21	508.03	520.97	509.50	521.72	510.94	522.47	512.28	523.23	513.56	523.98	515.45	524.73	517.68	525.49	520.18	526.24	521.53	526.99	524.23	527.75	526.10	528.50	528.42	529.26	530.46	530.01	533.28	530.76	535.42	531.52	538.65	532.27	541.59	533.02	545.57	533.78	548.81	534.53	551.08	535.28	553.14	536.04	555.06	536.79	556.49	537.55	485
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RECOMMENDED FOR APPROVAL *DM*  
 DESIGN ENGINEER DATE 5/5/10

DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION

PROFILE SHEET  
 LINE "A"  
 STA. 2790+00 TO STA. 2806+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK IR-33051	DWG. NO. PR-12	SHEET NO. 56 of 373
	PROJECT 0500445	



2810

2815

2820

SEC. 33, T-6-N, R-5-W  
CASS TOWNSHIP  
GREENE COUNTY

BRENDA PICKETT, TRUSTEE OF  
BRENDA PICKETT REV. TRUST

Pond

WETLAND  
BOUNDARY

Grass

+10.00  
239.00'

+94.00  
253.00'

RAY D. MALONE & DORIS A.  
MALONE, TRUSTEES

CONSTR. LIMITS

CONSTR. LIMITS

Cultivated

PROP. L.A. R/W & F.F.T.F.

PROP. L.A. R/W & F.F.T.F.

I-69 (SOUTHBOUND LANES)

I-69 (SOUTHBOUND LANES)

LINE "A"

2810+00

2815+00

2820+00

LINE "A"

I-69 (NORTHBOUND LANES)

I-69 (NORTHBOUND LANES)

N 62° 20' 55" E

10'  
24'  
4'  
4'  
24'  
10'

30'  
30'

Cultivated

RAY D. MALONE & DORIS A.  
MALONE, TRUSTEES

CONSTR. LIMITS

CONSTR. LIMITS

PROP. L.A. R/W & F.F.T.F.

PROP. L.A. R/W & F.F.T.F.

+51.00  
261.00'

+63.00  
288.00'

+64.00  
302.00'

BRENDA PICKETT, TRUSTEE OF  
BRENDA PICKETT REV. TRUST

KEVIN B. BUSH

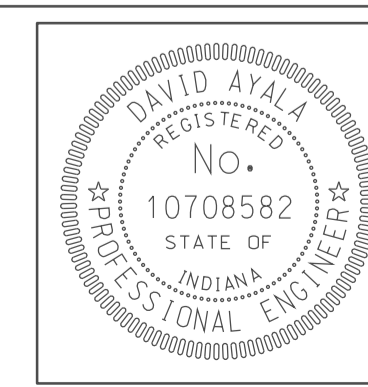
R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.

ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO  
RECORDED LOCATION CONTROL SURVEY ALIGNMENT

+83.3, 222.2'-Gate Post  
+95.4, 195.3'-Gate Post

10/09  
1/2010  
IP: P:\P\10025\ASEG\3\013.dgn

- LEGEND**
- ✕ BUILDING REMOVAL
  - BEGIN L.A. R/W
  - END L.A. R/W
  - ☒ REMOVE EXISTING ROADWAY
  - ▨ ENVIRONMENTAL RESTRICTION



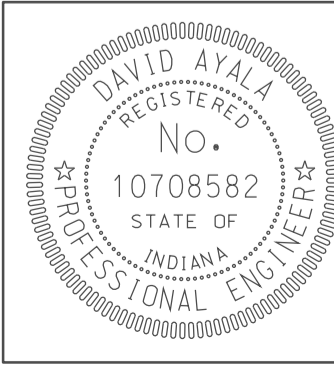
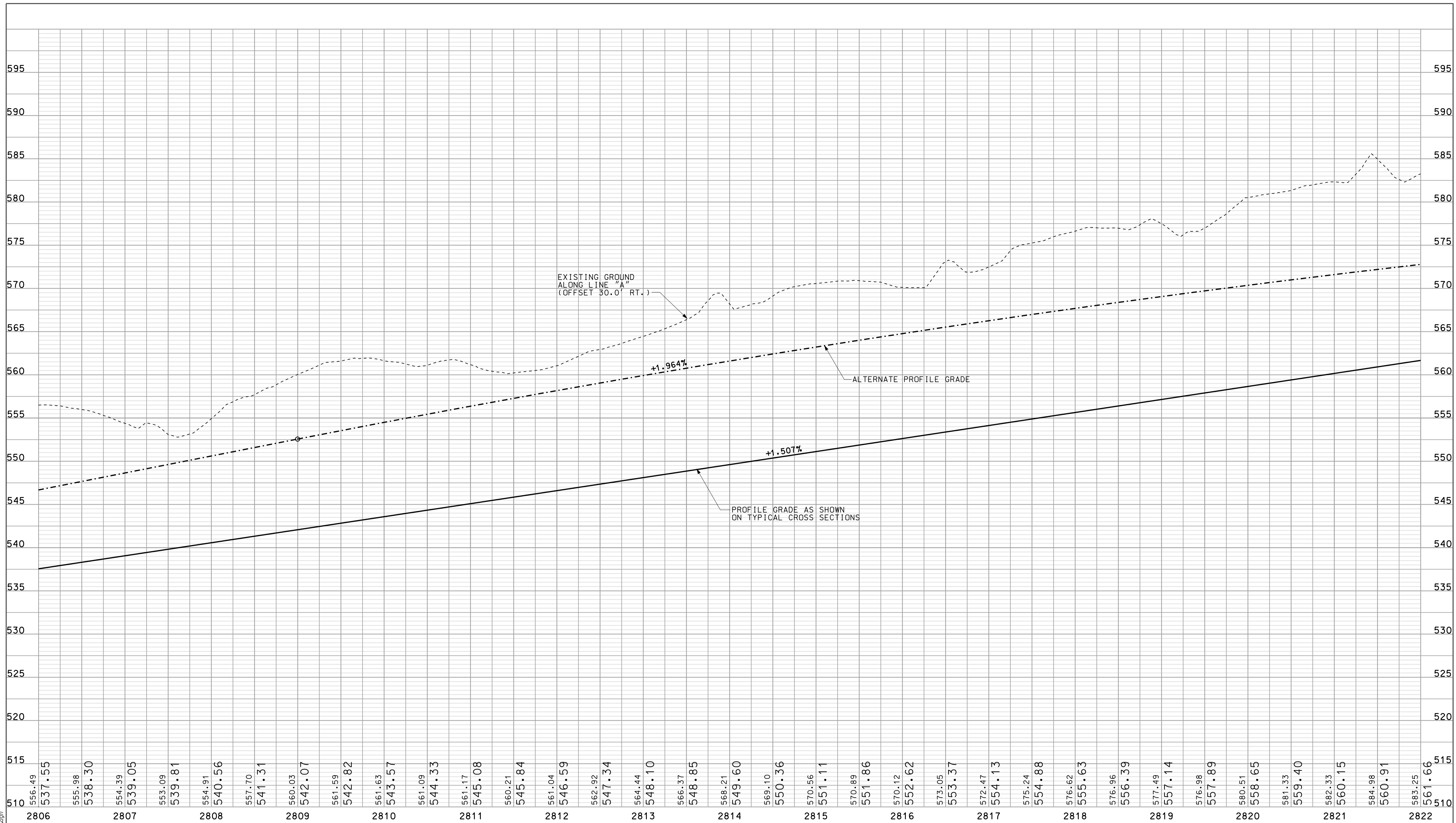
RECOMMENDED FOR APPROVAL	<i>em jo</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN SHEET  
LINE "A"  
STA. 2806+00 TO STA. 2822+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-13	57 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

10/09  
 10/09  
 IP:\P\10025\A\SE\3\PROJ\3.dgn



RECOMMENDED FOR APPROVAL: *Rem Jo*  
 DESIGN ENGINEER DATE: 5/5/10  
 DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION  
 PROFILE SHEET LINE "A"  
 STA. 2806+00 TO STA. 2822+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. PR-13	SHEET NO. 58 of 373
CONTRACT IR-33051	PROJECT 0500445	

2825

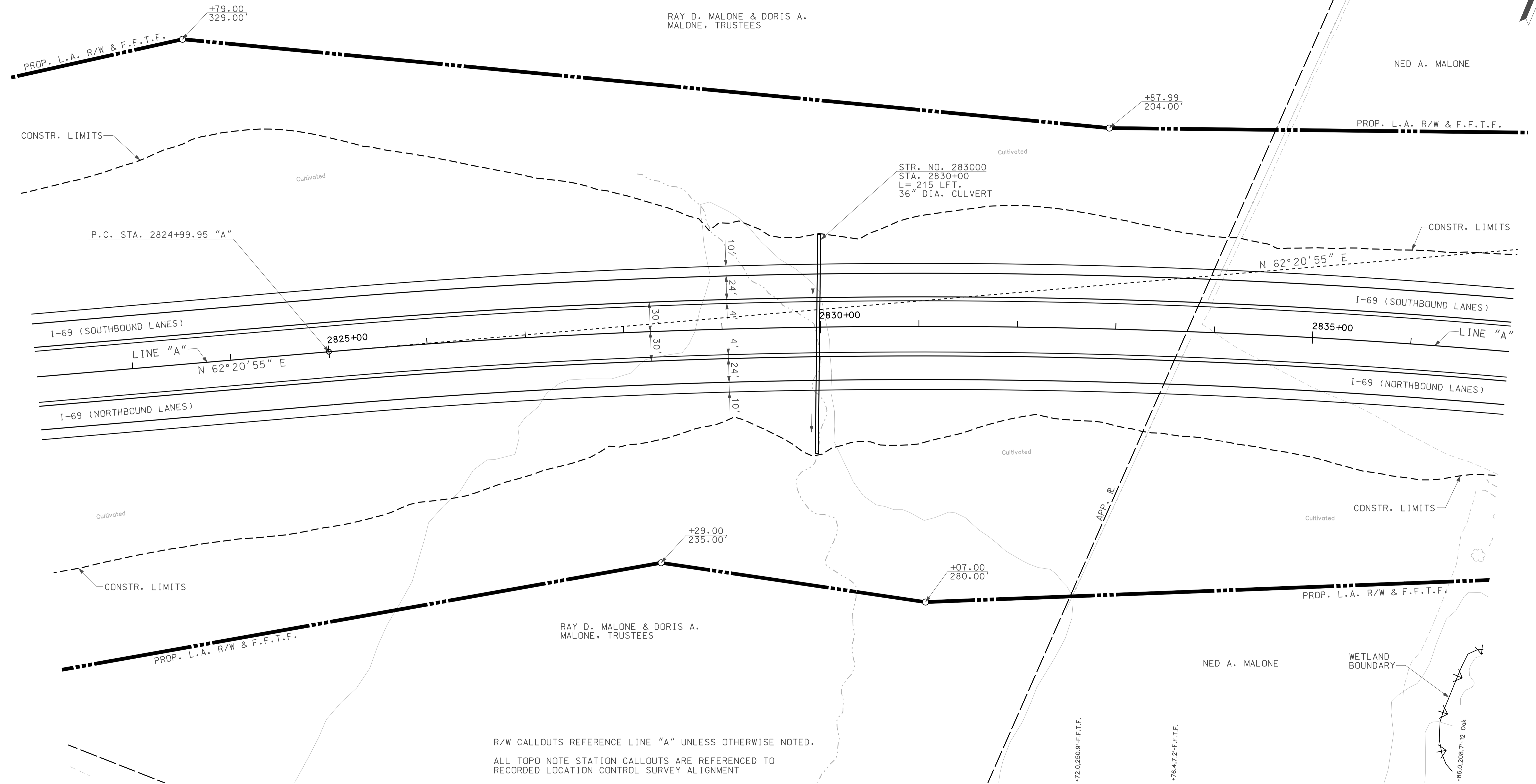
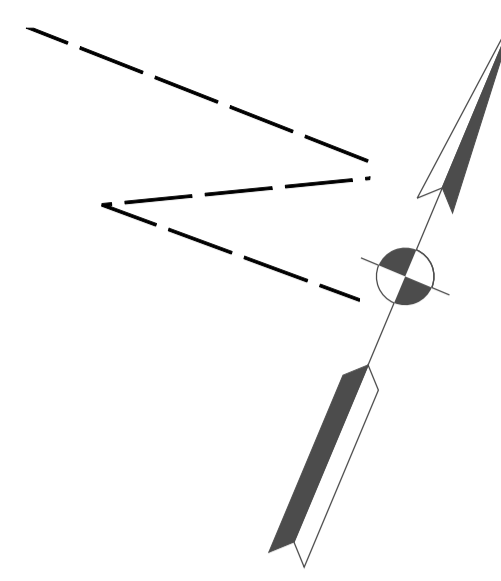
2830

2835

SEC. 33, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

RAY D. MALONE & DORIS A.  
MALONE, TRUSTEES

NED A. MALONE

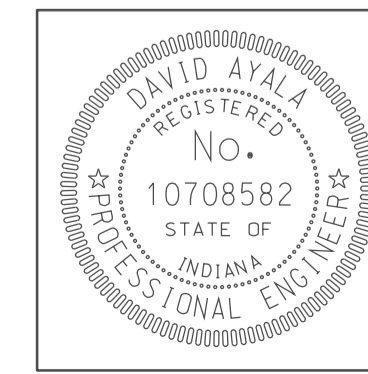


R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
ALL TOPD NOTE STATION CALLOUTS ARE REFERENCED TO  
RECORDED LOCATION CONTROL SURVEY ALIGNMENT

10/09  
IP: P:\P\2010\05\ASEG\3014.dgn

**LEGEND**

	BUILDING REMOVAL		ENVIRONMENTAL RESTRICTION
	BEGIN L.A. R/W		
	END L.A. R/W		
	REMOVE EXISTING ROADWAY		

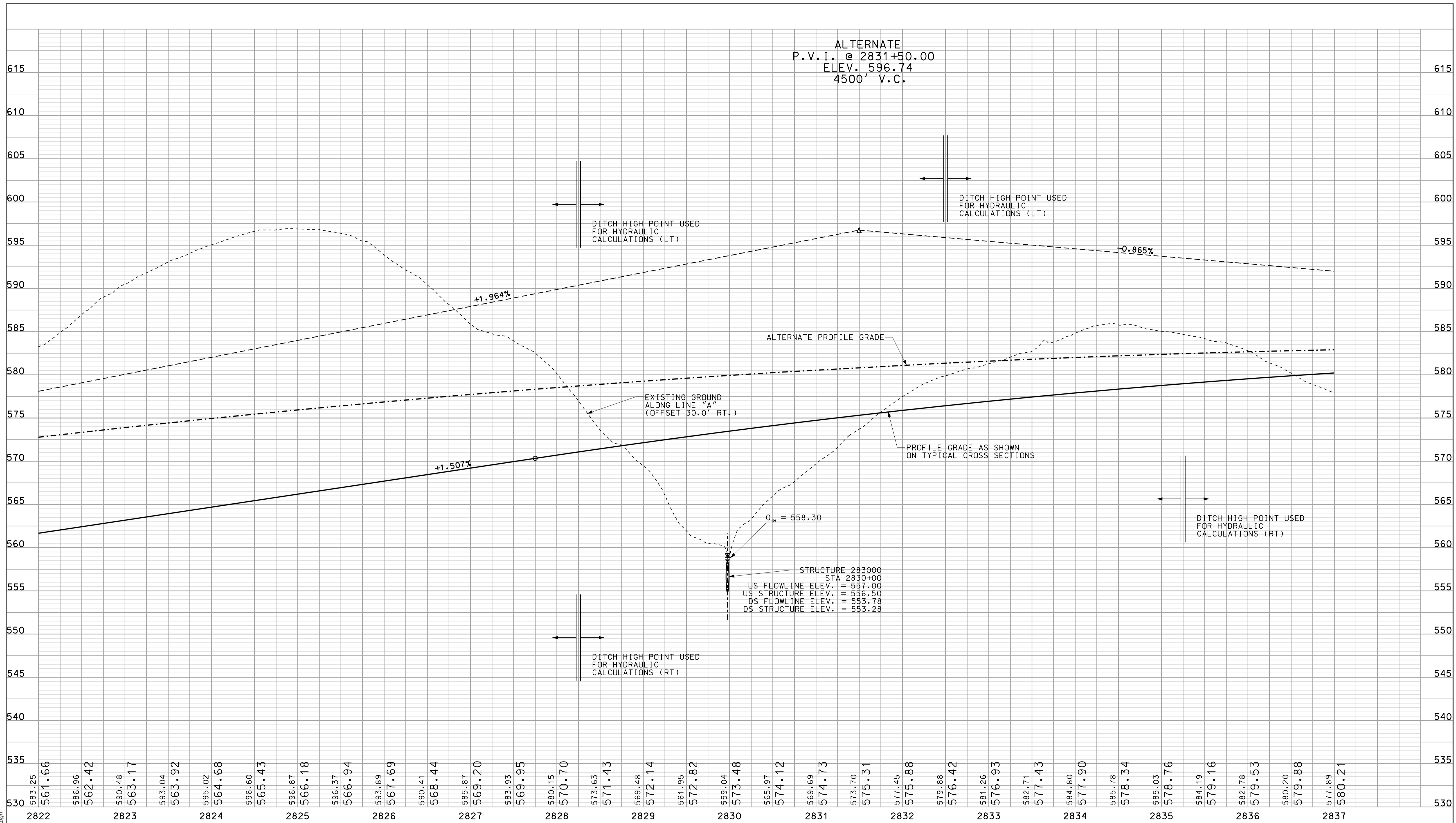


RECOMMENDED FOR APPROVAL	<i>com jo</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

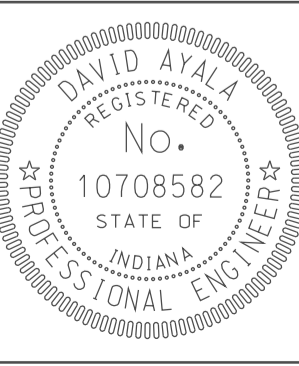
INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN SHEET  
LINE "A"  
STA. 2822+00 TO STA. 2837+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	PN-14	59 of 373
	PROJECT	
	0500445	



ALTERNATE  
P.V.I. @ 2831+50.00  
ELEV. 596.74  
4500' V.C.



RECOMMENDED FOR APPROVAL *DMJ*  
DESIGN ENGINEER DATE 5/5/10

DESIGNED: OCS DRAWN: DH  
CHECKED: NDH CHECKED: DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

PROFILE SHEET  
LINE "A"  
STA. 2822+00 TO STA. 2837+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. PR-14	SHEET NO. 60 of 373
CONTRACT IR-33051	PROJECT 0500445	

APR 2010  
IP\_PWP-2822+00-2837+00-PROJ-4.dgn

SEC. 34, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

GINNY D. CORNELIUS,  
SUCCESSOR TRUSTEE  
OF THE RURAL ROUTE  
LAND TRUST

SEC. 34, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

DORIS A. & RAY D. MALONE  
TRUSTEE OF THE DORIS A.  
MALONE REVOCABLE TRUST

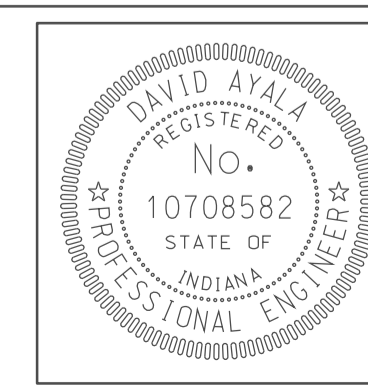
SEC. 33, T-6-N, R-5-W  
CASS TOWNSHIP  
GREENE COUNTY

CURVE DATA  
P. I. STA. 2841+41.90 "A"  
 $\Delta = 26^{\circ}24'07''$  RT.  
D R T =  $0^{\circ}49'07''$   
L = 7000.00'  
L E = 1641.95'  
L E = 3225.59'  
L E = 189.99'  
D S = 70 MPH  
e = 3.0%

10/01/2010  
 IP: P:\P\10025\ASEG\3015.dgn

**LEGEND**

	BUILDING REMOVAL
	BEGIN L.A. R/W
	END L.A. R/W
	REMOVE EXISTING ROADWAY
	ENVIRONMENTAL RESTRICTION



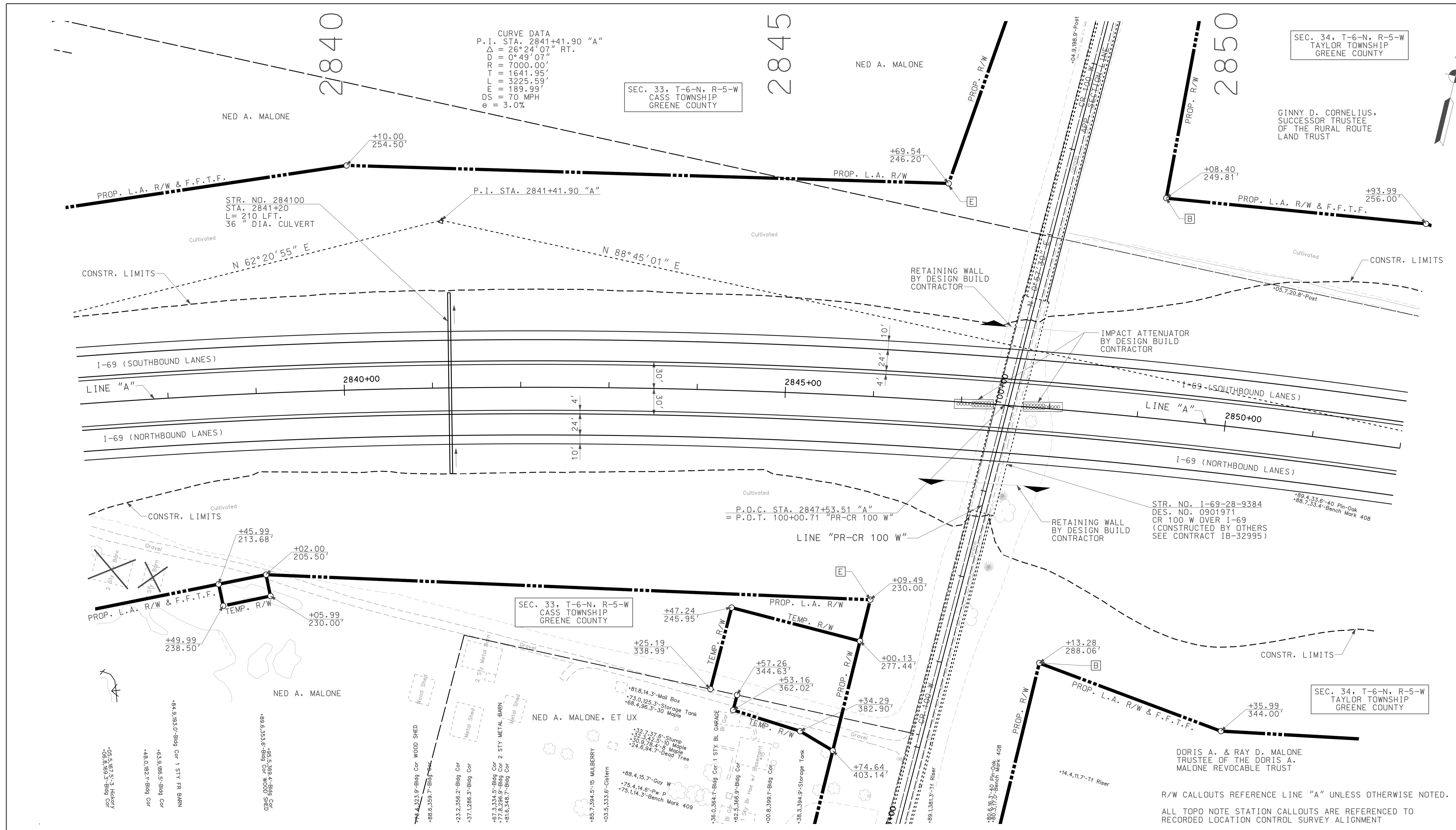
RECOMMENDED FOR APPROVAL	<i>em jo</i>	5/5/10
DESIGNED:	OCs	DRAWN:
CHECKED:	NOH	CHECKED:
		DMA

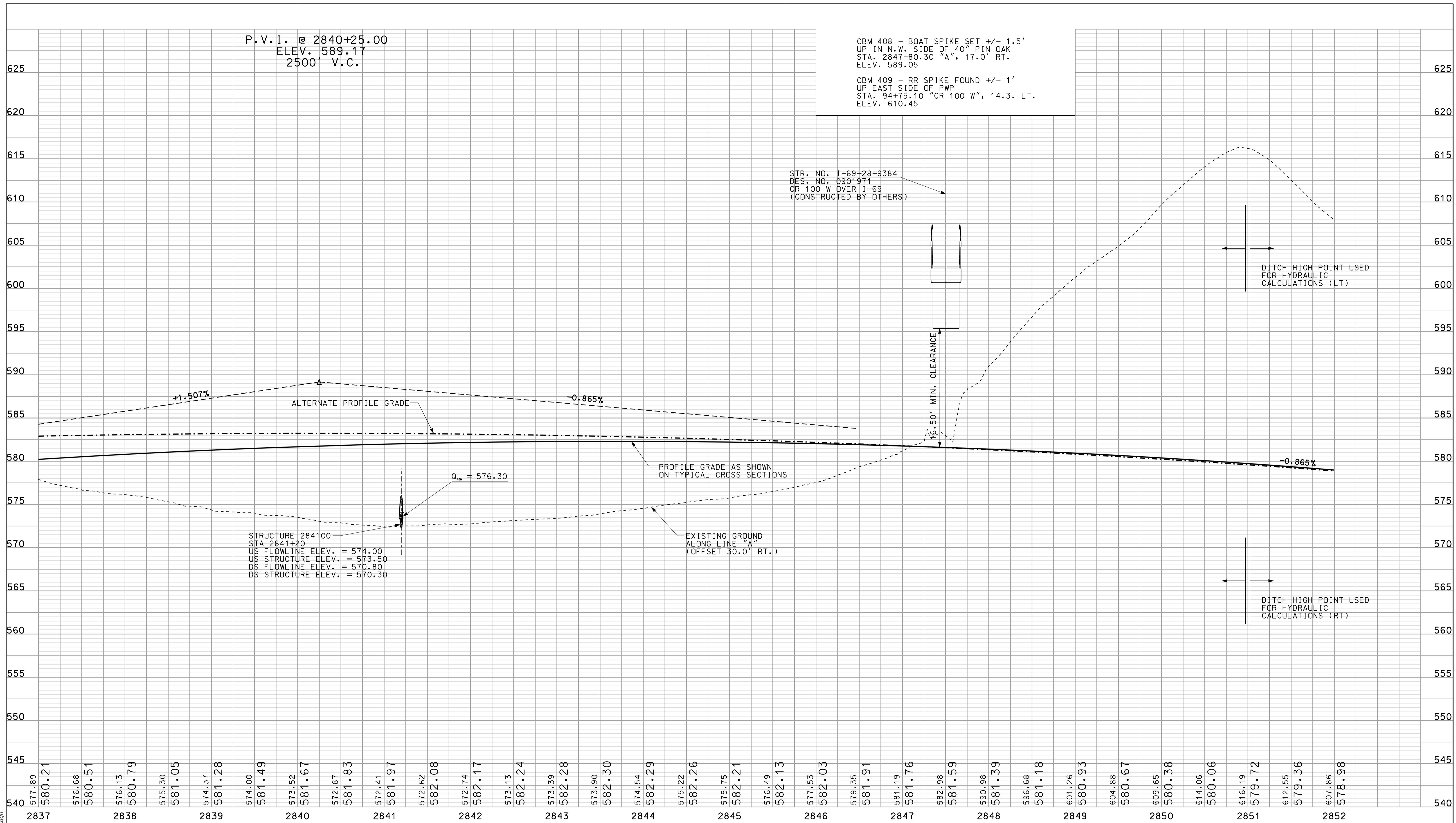
INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN SHEET  
LINE "A"  
STA. 2837+00 TO STA. 2852+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-15	61 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO RECORDED LOCATION CONTROL SURVEY ALIGNMENT





P.V.I. @ 2840+25.00  
 ELEV. 589.17  
 2500' V.C.

CBM 408 - BOAT SPIKE SET +/- 1.5'  
 UP IN N.W. SIDE OF 40" PIN OAK  
 STA. 2847+80.30 "A", 17.0' RT.  
 ELEV. 589.05

CBM 409 - RR SPIKE FOUND +/- 1'  
 UP EAST SIDE OF PWP  
 STA. 94+75.10 "CR 100 W", 14.3. LT.  
 ELEV. 610.45

STR. NO. I-69-28-9384  
 DES. NO. 0901971  
 CR 100 W OVER I-69  
 (CONSTRUCTED BY OTHERS)

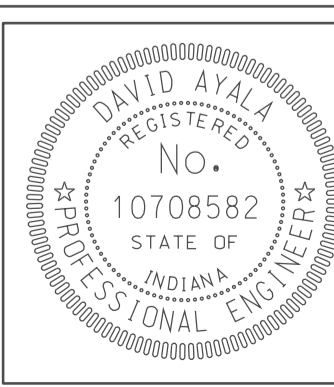
STRUCTURE 284100  
 STA 2841+20  
 US FLOWLINE ELEV. = 574.00  
 US STRUCTURE ELEV. = 573.50  
 DS FLOWLINE ELEV. = 570.80  
 DS STRUCTURE ELEV. = 570.30

EXISTING GROUND  
 ALONG LINE "A"  
 (OFFSET 30.0' RT.)

DITCH HIGH POINT USED  
 FOR HYDRAULIC  
 CALCULATIONS (LT)

DITCH HIGH POINT USED  
 FOR HYDRAULIC  
 CALCULATIONS (RT)

1640  
 10/00  
 1P\_PWP-840025ASEG3PROJ.dgn



RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION

**PROFILE SHEET  
 LINE "A"**

STA. 2837+00 TO STA. 2852+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. PR-15	SHEET NO. 62 of 373
CONTRACT IR-33051	PROJECT 0500445	

2855

2860

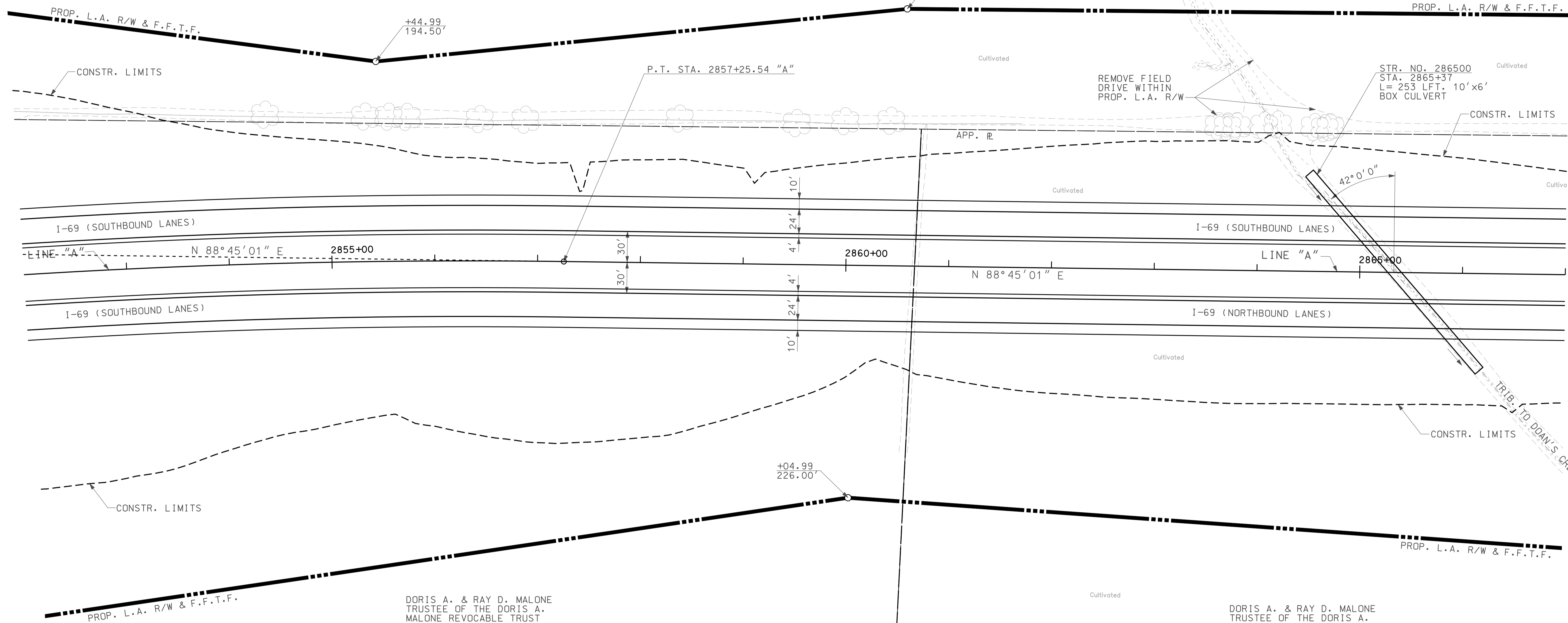
2865

SEC. 34, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

GINNY D. CORNELIUS,  
SUCCESSOR TRUSTEE  
OF THE RURAL ROUTE  
LAND TRUST

DORIS A. & RAY D. MALONE  
TRUSTEE OF THE DORIS A.  
MALONE REVOCABLE TRUST

DORIS A. & RAY D. MALONE  
TRUSTEE OF THE DORIS A.  
MALONE REVOCABLE TRUST

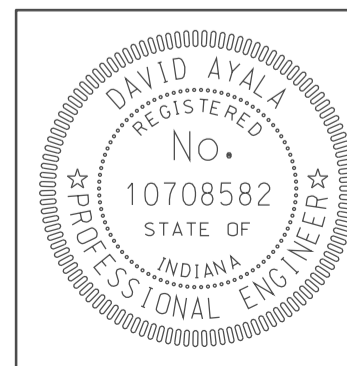


R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO  
RECORDED LOCATION CONTROL SURVEY ALIGNMENT

LEGEND

- BUILDING REMOVAL
- BEGIN L.A. R/W
- END L.A. R/W
- REMOVE EXISTING ROADWAY

ENVIRONMENTAL RESTRICTION



RECOMMENDED FOR APPROVAL *[Signature]* 5/5/10  
DESIGN ENGINEER DATE

DESIGNED: OCS DRAWN: DH  
CHECKED: NOH CHECKED: DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN SHEET  
LINE "A"  
STA. 2852+00 TO STA. 2867+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. PN-16	SHEET NO. 63 of 373
CONTRACT IR-33051	PROJECT 0500445	

16/40  
IP: P:\P\160025\ASEG\3P016.dgn  
10/10/2010





2870

2875

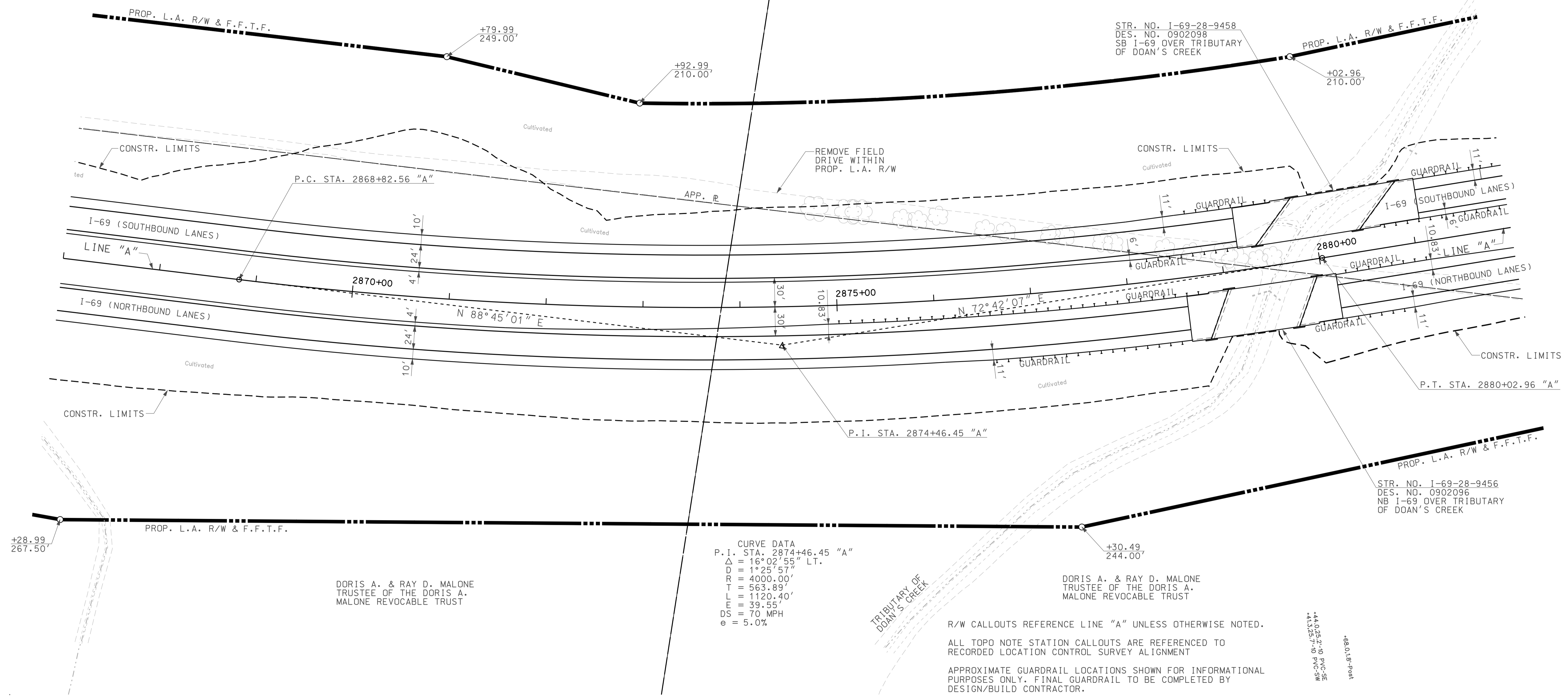
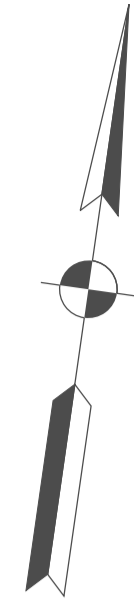
2880

SEC. 34, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

GINNY D. CORNELIUS,  
SUCCESSOR TRUSTEE  
OF THE RURAL ROUTE  
LAND TRUST

GINNY D. CORNELIUS,  
SUCCESSOR TRUSTEE  
OF THE RURAL ROUTE  
LAND TRUST

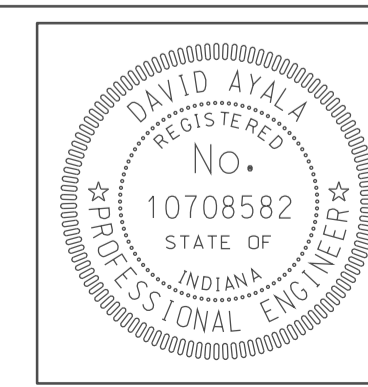
+04.3391'-4 CL-N-SW  
+94.2104'-3-48 CMP  
+810.878'-48 CMP



1640  
10/10/2010  
IP: P:\P\2868025\ASEG\3P07.dgn

**LEGEND**

	BUILDING REMOVAL		ENVIRONMENTAL RESTRICTION
	BEGIN L.A. R/W		
	END L.A. R/W		
	REMOVE EXISTING ROADWAY		



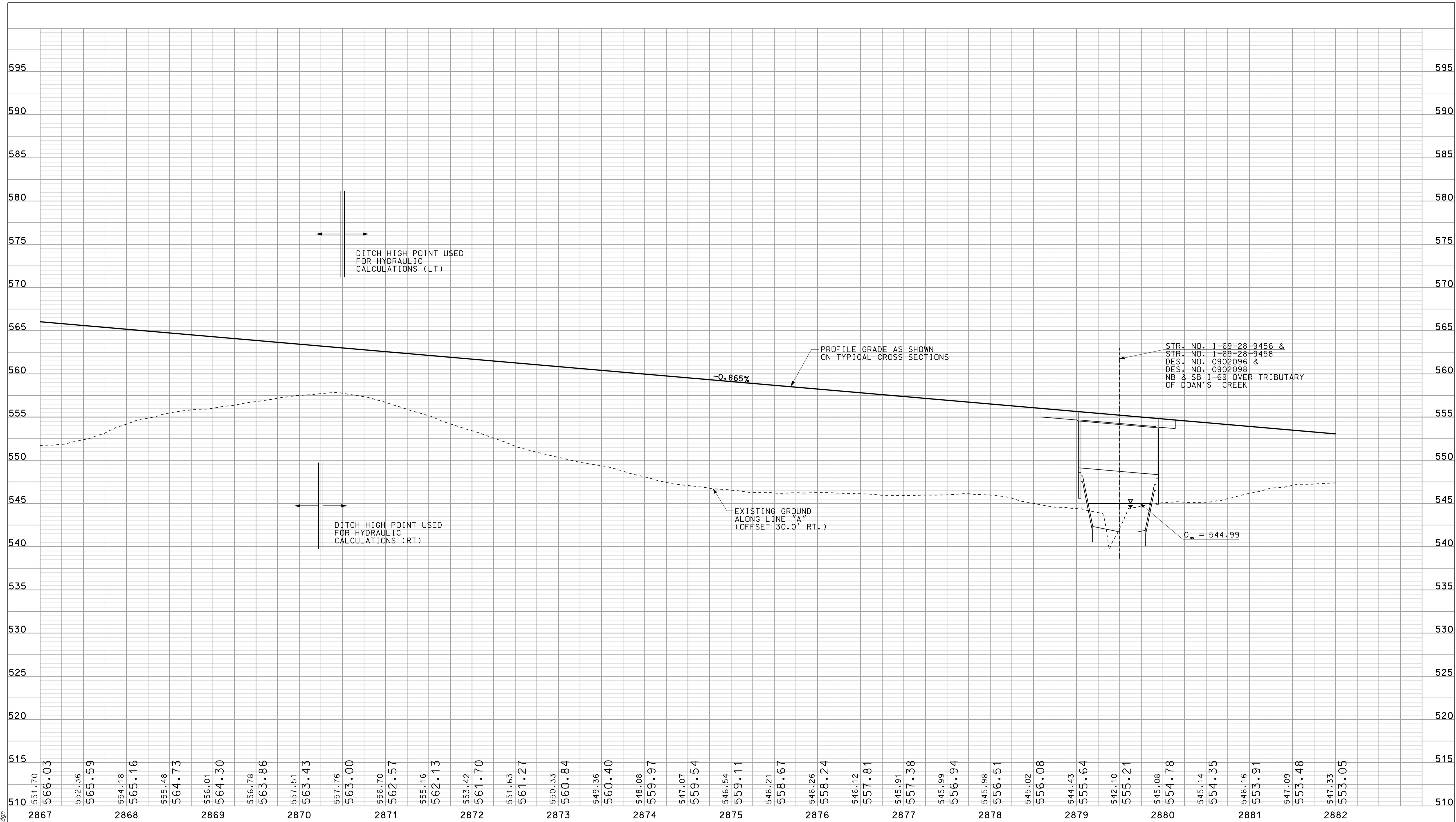
RECOMMENDED FOR APPROVAL	<i>em jo</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

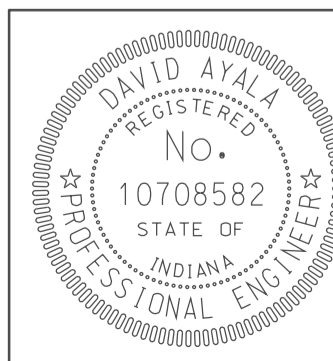
PLAN SHEET  
LINE "A"  
STA. 2867+00 TO STA. 2882+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-17	65 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

DATE: 5/20/10  
IP: P:\P\m\025\INSE\3\PROT.dgn



510	551.70	566.03	552.36	565.59	554.18	565.16	555.48	564.73	556.01	564.30	556.78	563.86	557.51	563.43	557.76	563.00	556.70	562.57	555.16	562.13	553.42	561.70	551.63	561.27	550.33	560.84	549.36	560.40	548.08	559.97	547.07	559.54	546.54	559.11	546.21	558.67	546.26	558.24	546.12	557.81	545.91	557.38	545.99	556.94	545.98	556.51	545.02	556.08	544.43	555.64	542.10	555.21	545.08	554.78	545.14	554.35	546.16	553.91	547.09	553.48	547.33	553.05
	2867		2868		2869		2870		2871		2872		2873		2874		2875		2876		2877		2878		2879		2880		2881		2882																															



RECOMMENDED FOR APPROVAL: *[Signature]* 5/5/10  
DESIGN ENGINEER DATE

DESIGNED: OCS DRAWN: DH  
CHECKED: NDH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION  
PROFILE SHEET LINE "A"  
STA. 2867+00 TO STA. 2882+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK IR-33051	DWG. NO. PR-17	SHEET NO. 66 of 373
PROJECT 0500445		

2885

2890

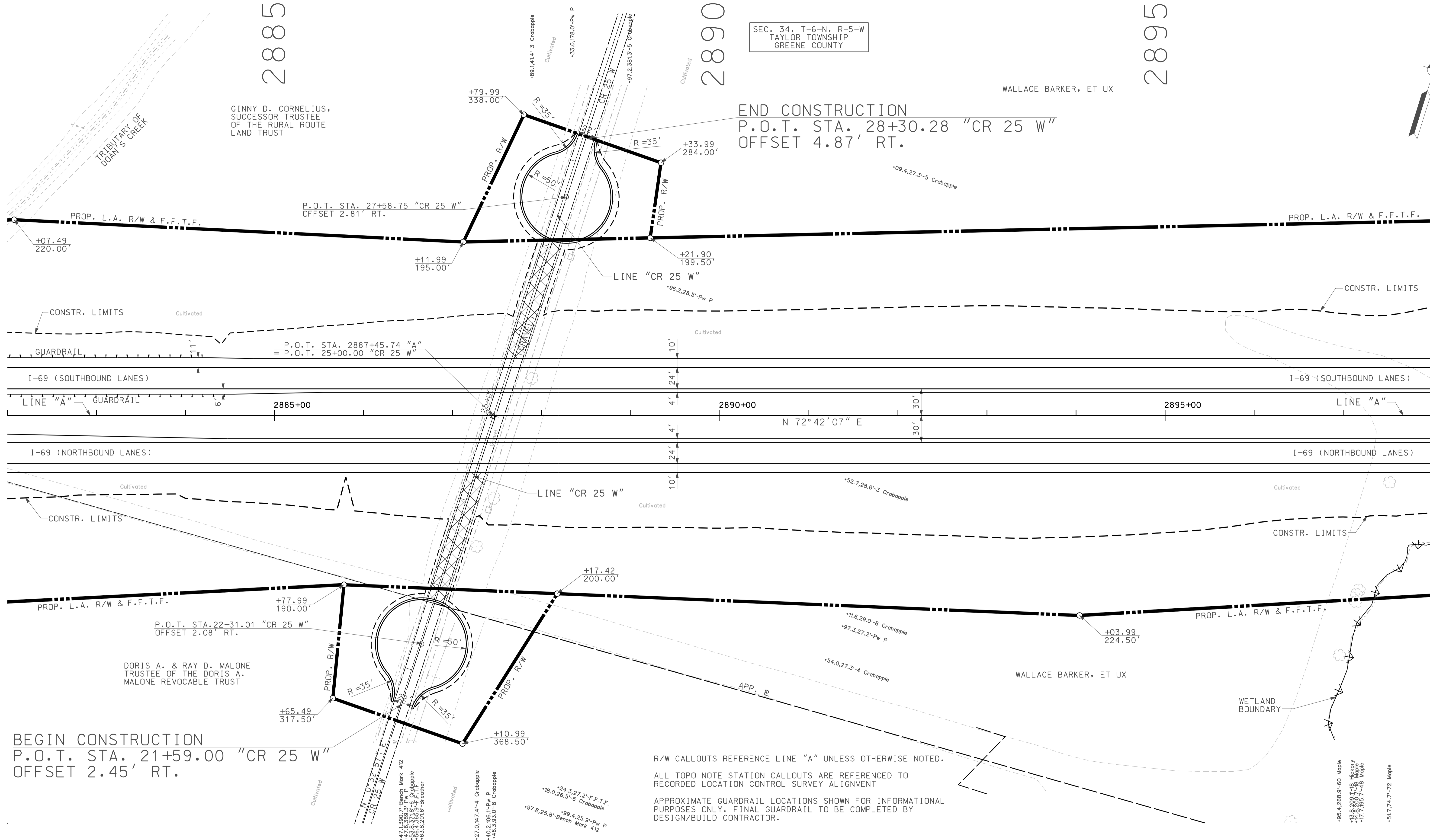
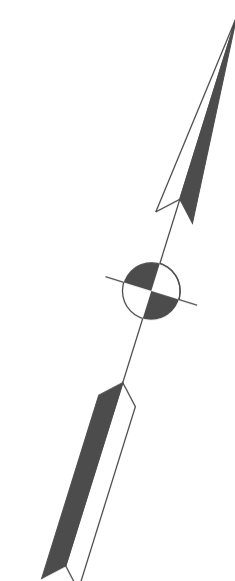
2895

SEC. 34, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

WALLACE BARKER, ET UX

GINNY D. CORNELIUS,  
SUCCESSOR TRUSTEE  
OF THE RURAL ROUTE  
LAND TRUST

END CONSTRUCTION  
P.O.T. STA. 28+30.28 "CR 25 W"  
OFFSET 4.87' RT.



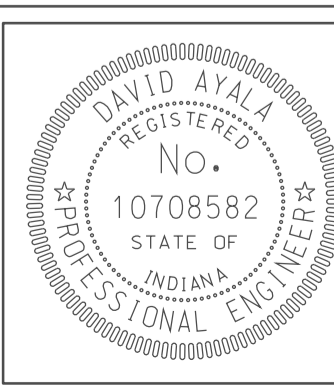
BEGIN CONSTRUCTION  
P.O.T. STA. 21+59.00 "CR 25 W"  
OFFSET 2.45' RT.

R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
ALL TOPD NOTE STATION CALLOUTS ARE REFERENCED TO  
RECORDED LOCATION CONTROL SURVEY ALIGNMENT  
APPROXIMATE GUARDRAIL LOCATIONS SHOWN FOR INFORMATIONAL  
PURPOSES ONLY. FINAL GUARDRAIL TO BE COMPLETED BY  
DESIGN/BUILD CONTRACTOR.

10/1  
1P\_PWP-2885-025-ASEG3P018.dgn  
10/15/2010

**LEGEND**

	BUILDING REMOVAL		ENVIRONMENTAL RESTRICTION
	BEGIN L.A. R/W		
	END L.A. R/W		
	REMOVE EXISTING ROADWAY		



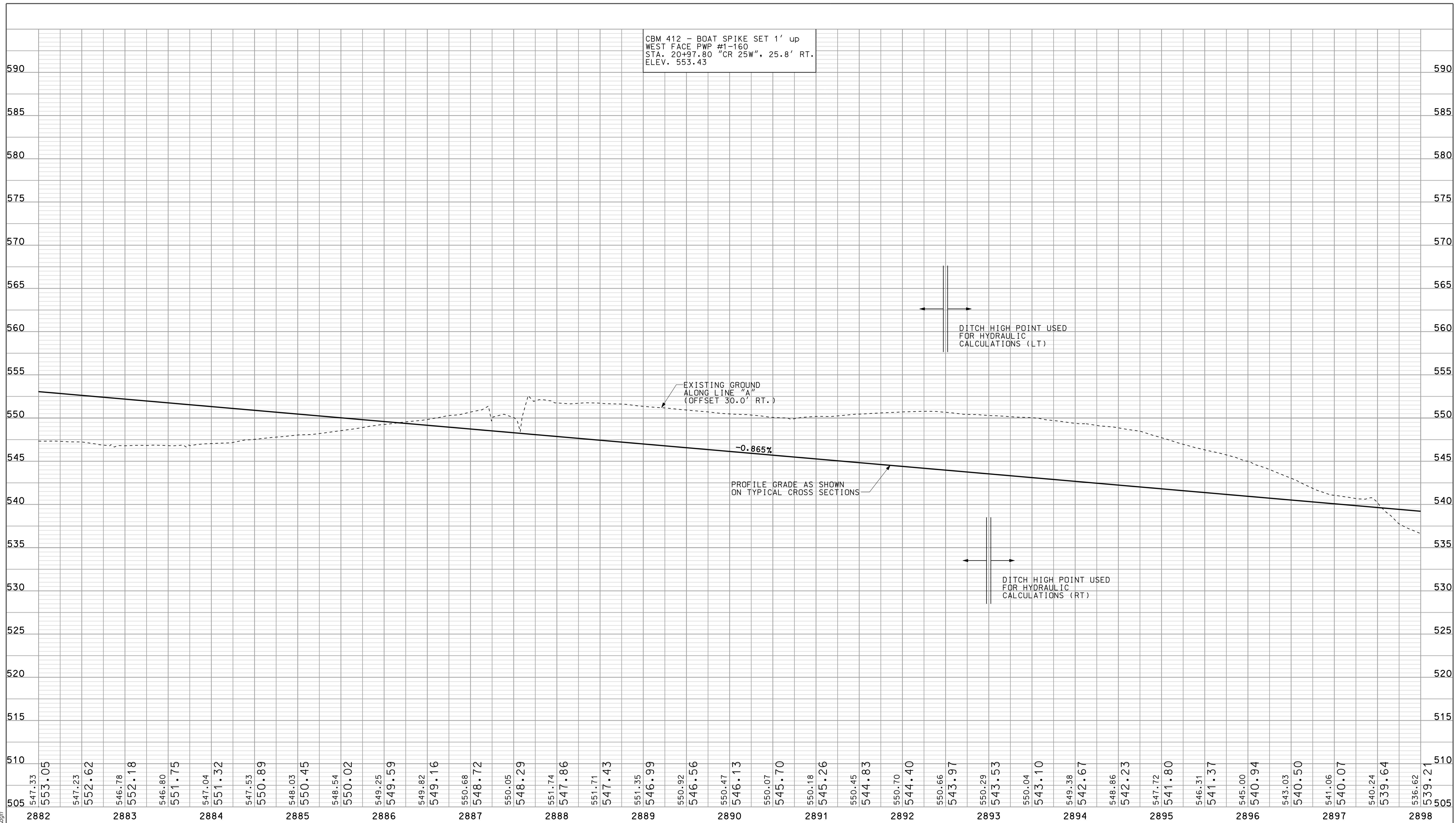
RECOMMENDED FOR APPROVAL		5/5/10
	DESIGN ENGINEER	DATE
DESIGNED: OCS	DRAWN: DH	
CHECKED: NOH	CHECKED: DMA	

INDIANA  
DEPARTMENT OF TRANSPORTATION

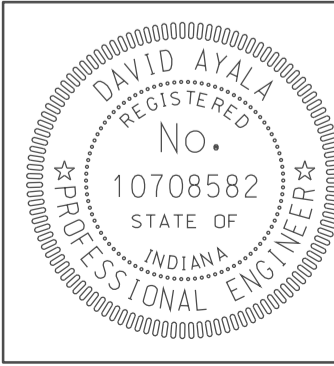
PLAN SHEET  
LINE "A"  
STA. 2882+00 TO STA. 2898+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 0500445
SURVEY BOOK IR-33051	DWG. NO. PN-18 SHEET NO. 67 of 373 PROJECT 0500445

CBM 412 - BOAT SPIKE SET 1' up  
 WEST FACE PWP #1-160  
 STA. 20+97.80 "CR 25W", 25.8' RT.  
 ELEV. 553.43



10/11  
 10/11/2010  
 IP\_PWP-8160025A\FSE\3\F018.dgn



RECOMMENDED FOR APPROVAL *Rem Jo* 5/5/10  
 DESIGN ENGINEER DATE

DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION

PROFILE SHEET  
 LINE "A"  
 STA. 2882+00 TO STA. 2898+00

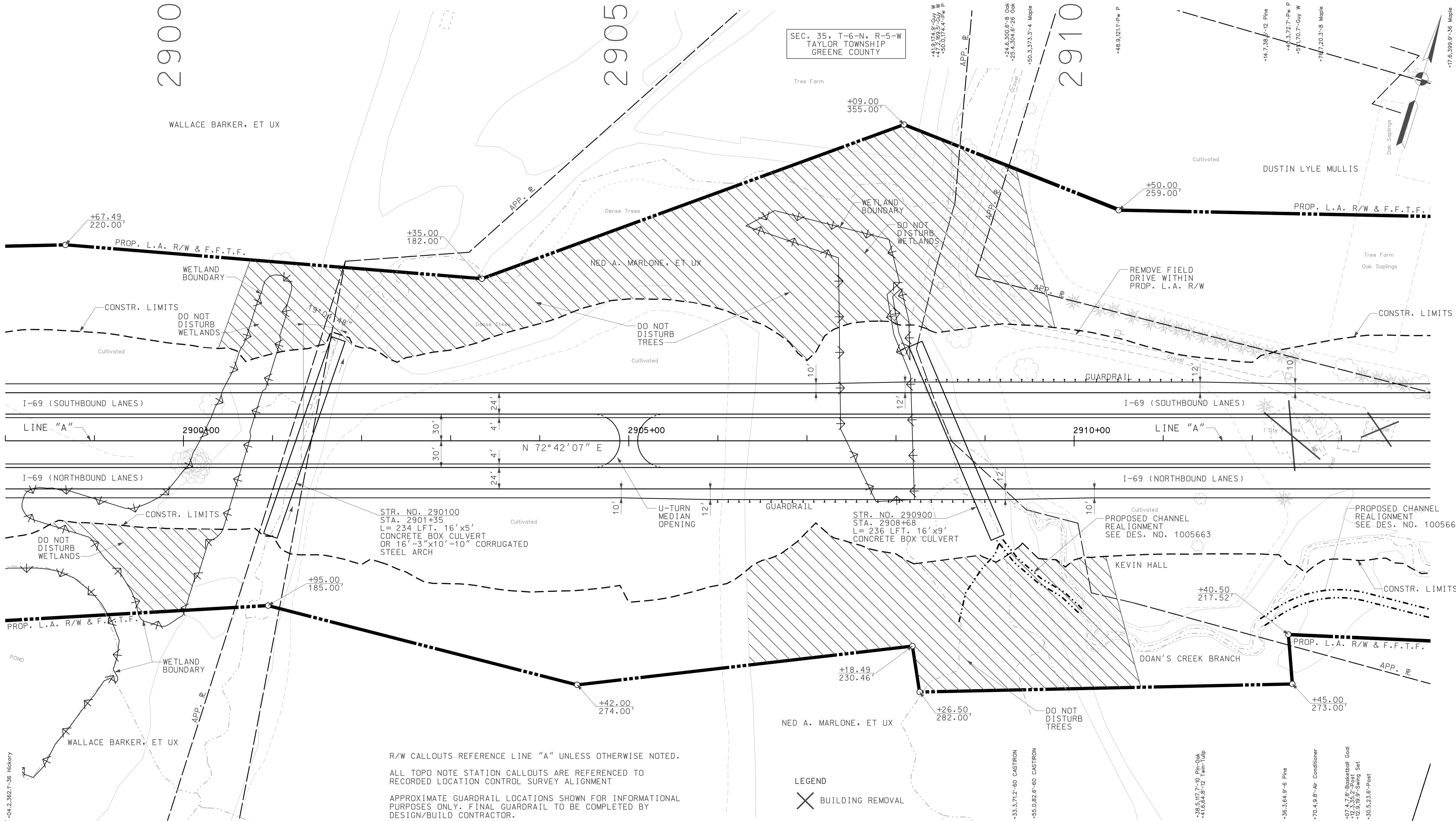
HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. PR-18	SHEET NO. 68 of 373
CONTRACT IR-33051	PROJECT 0500445	

2900

2905

2910

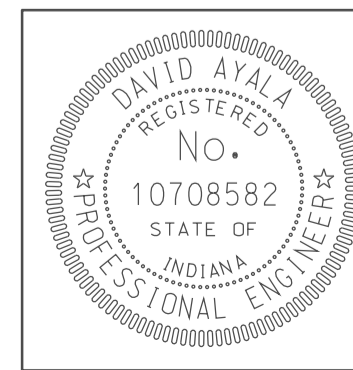
SEC. 35, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY



R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO RECORDED LOCATION CONTROL SURVEY ALIGNMENT  
APPROXIMATE GUARDRAIL LOCATIONS SHOWN FOR INFORMATIONAL PURPOSES ONLY. FINAL GUARDRAIL TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

LEGEND  
X BUILDING REMOVAL

- LEGEND
- BUILDING REMOVAL
  - ENVIRONMENTAL RESTRICTION
  - BEGIN L.A. R/W
  - END L.A. R/W
  - REMOVE EXISTING ROADWAY



RECOMMENDED FOR APPROVAL *com jo* DESIGN ENGINEER DATE 5/5/10  
DESIGNED: OCS DRAWN: DH  
CHECKED: NOH CHECKED: DMA

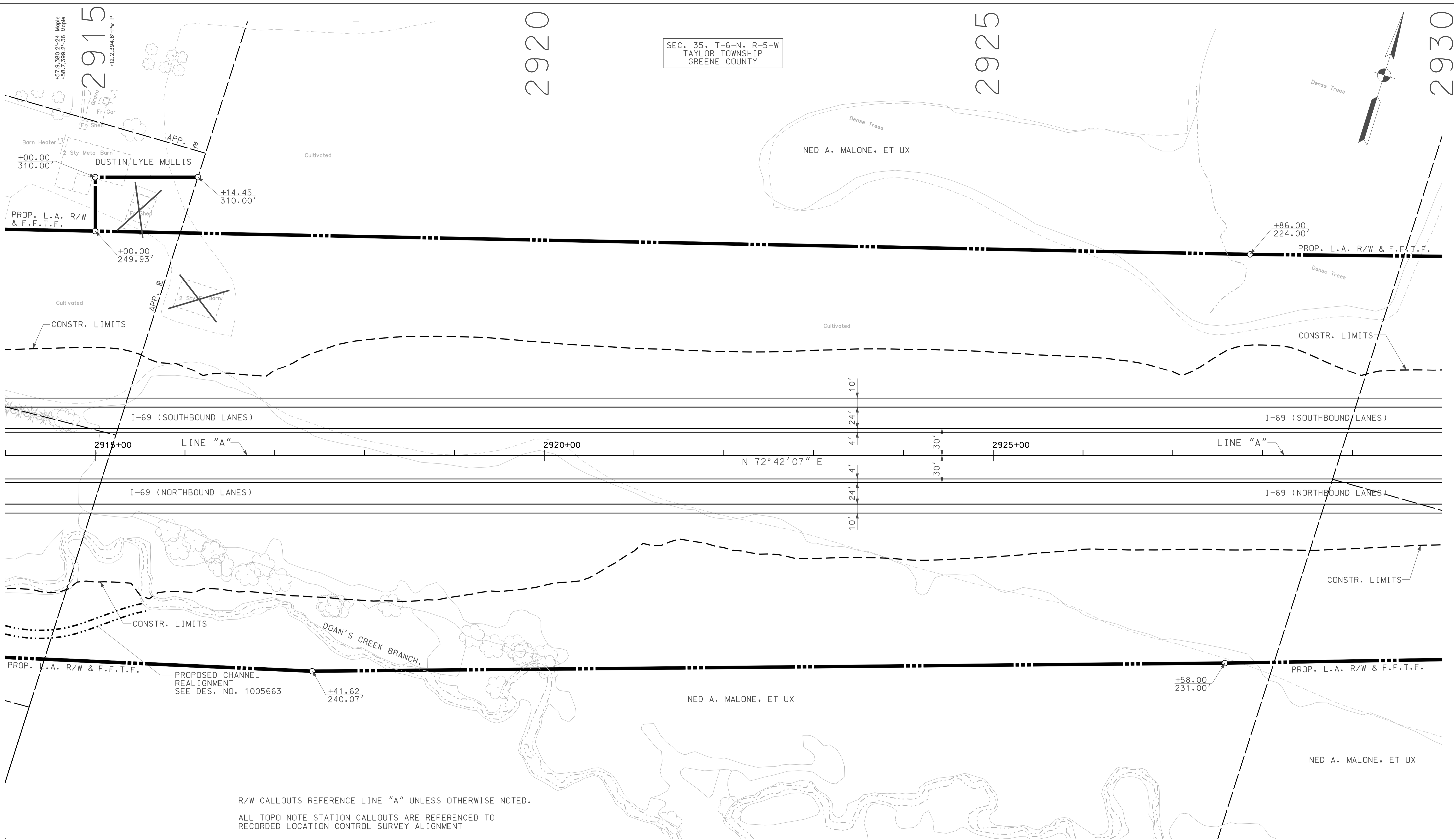
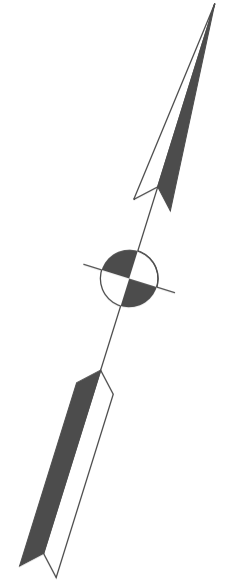
INDIANA DEPARTMENT OF TRANSPORTATION  
PLAN SHEET LINE "A"  
STA. 2898+00 TO STA. 2914+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 0500445
SURVEY BOOK	DWG. NO. PN-19 SHEET NO. 69 OF 373
CONTRACT IR-33051	PROJECT 0500445

10/11  
 10/11/2010  
 P:\P\10100025\10100025\_A\SE\GIS\30109.dgn








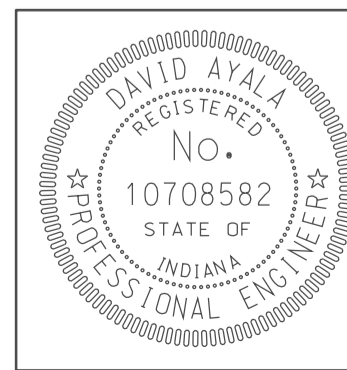
SEC. 35, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY



R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
ALL TOPD NOTE STATION CALLOUTS ARE REFERENCED TO RECORDED LOCATION CONTROL SURVEY ALIGNMENT

LEGEND

-  BUILDING REMOVAL
-  BEGIN L.A. R/W
-  END L.A. R/W
-  REMOVE EXISTING ROADWAY
-  ENVIRONMENTAL RESTRICTION

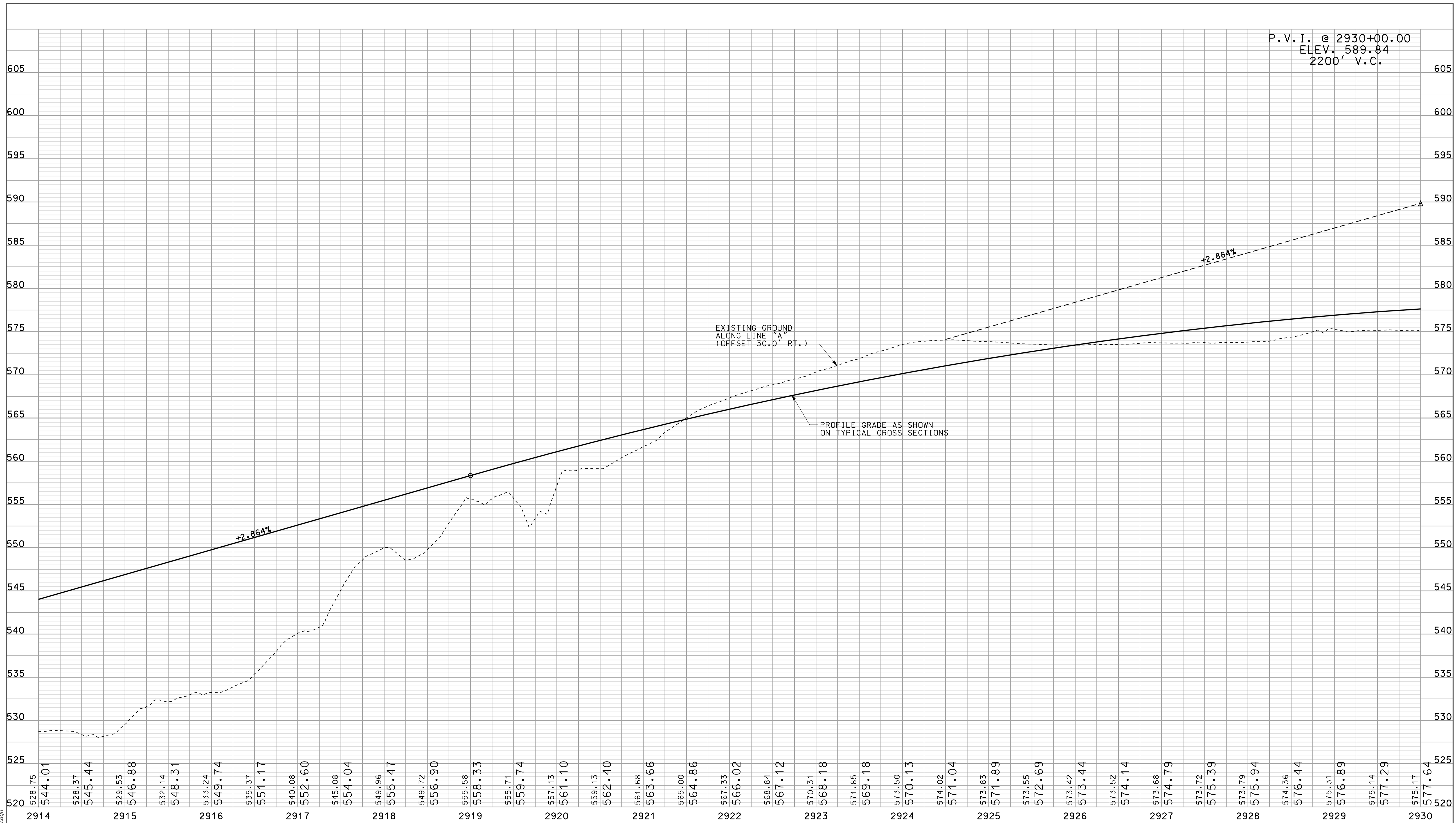


RECOMMENDED FOR APPROVAL	<i>(Signature)</i>	DESIGN ENGINEER	5/5/10	DATE
DESIGNED:	OCS	DRAWN:	DH	
CHECKED:	NOH	CHECKED:	DMA	

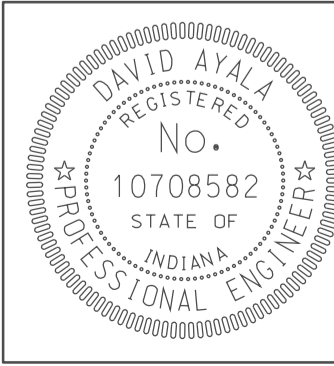
INDIANA  
DEPARTMENT OF TRANSPORTATION  
**PLAN SHEET  
LINE "A"**  
STA. 2914+00 TO STA. 2930+00

HORIZONTAL SCALE	BRIDGE FILE		
1" = 50'			
VERTICAL SCALE	DESIGNATION		
	0500445		
SURVEY BOOK	DWG. NO.	SHEET NO.	
	PN-20	71 of 373	
CONTRACT	PROJECT		
IR-33051	0500445		

1042  
 10/12  
 IP\_P:\10025\A5EG3\F020.dgn



RDW:dlw  
IP: P:\P\2010025\FSE\GIS\PRO20.dgn 10/12



RECOMMENDED FOR APPROVAL		5/5/10 DATE
DESIGNED: <b>OCS</b>	DRAWN: <b>DH</b>	
CHECKED: <b>NDH</b>	CHECKED: <b>DMA</b>	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**PROFILE SHEET**  
LINE "A"  
STA. 2914+00 TO STA. 2930+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK IR-33051	DWG. NO. PR-20	SHEET NO. 72 of 373
PROJECT 0500445		



2930

2935

2940

SEC. 35, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

Cultivated

NED A. MALONE, ET UX

STR. NO. I-69-28-9535  
DES. NO. 0902283  
SB I-69 OVER CR 75 E

+12.54  
210.39'

+02.19  
218.13'

PROP. L.A. R/W & F.F.T.F.

P.O.T. STA. 33+93.37 RAMP "SW"  
= O.P.O.T. STA. 2934+34.45 "A"

CONSTR. LIMITS

Cultivated

P.I. STA. 28+13.37 RAMP "SW"

P.T. STA. 25+13.47 RAMP "SW"

RAMP "SW"

30+00

25+00

I-69 (SOUTHBOUND LANES)

I-69 (SOUTHBOUND LANES)

2930+00

2935+00

2940+00

2945+00

LINE "A"

N 72°42'07" E

I-69 (NORTHBOUND LANES)

I-69 (NORTHBOUND LANES)

P.C. STA. 12+08.69 RAMP "ES"

RAMP "ES"

STR. NO. I-69-28-9465  
DES. NO. 0902105  
NB I-69 OVER CR 75 E

P.O.T. STA. 2942+96.10 "A"  
= P.O.T. STA. 59+94.99 "PR-CR 75 E"

P.T. STA. 15+90.46  
RAMP "ES"

CONSTR. LIMITS

Cultivated

P.O.T. STA. 10+00.00 RAMP "ES"  
= O.P.O.T. STA. 2937+02.71 "A"  
OFFSET 66.0' RT.

NED A. MALONE, ET UX

LINE "PR-CR 75 E"

PROP. L.A. R/W & F.F.T.F.

+03.00  
219.00'

NED A. MALONE, ET UX

+03.00  
314.00'

+64.51  
310.45'

+11.00  
216.00'

GARY V. TOON, ET UX

+96.69  
246.89'

R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO  
RECORDED LOCATION CONTROL SURVEY ALIGNMENT

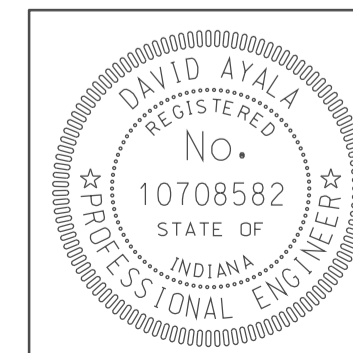
APPROXIMATE GUARDRAIL LOCATIONS SHOWN FOR INFORMATIONAL  
PURPOSES ONLY. FINAL GUARDRAIL TO BE COMPLETED BY  
DESIGN/BUILD CONTRACTOR.

+19.3,299.71-11 Rise  
+18.7,282.6-Utility Mark  
+20.9,277.7-1/2" Resour Fnd  
+70.7,106.4-6 Walnut  
+215.16,0-Storage Tank  
+39.3,94.1-10 Maple  
+410.2,115-P-W P  
+98.6,315-P  
+106.5,4.7-Guy W  
+08.4,16.8-10 Crabapple  
+58.9,67.7-10 Crabapple  
+64.2,8.7-1 Pine  
+65.4,10.3-8 Post  
+80.2,25.7-1 Antenna  
+28.7,82.6-8 Crabapple  
+28.7,44.4-4 Post  
+47.0,42.8-12 Walnut

10/12  
IP: P:\P\10025\ASEG\302L.dgn

LEGEND

	BUILDING REMOVAL		ENVIRONMENTAL RESTRICTION
	BEGIN L.A. R/W		
	END L.A. R/W		
	REMOVE EXISTING ROADWAY		



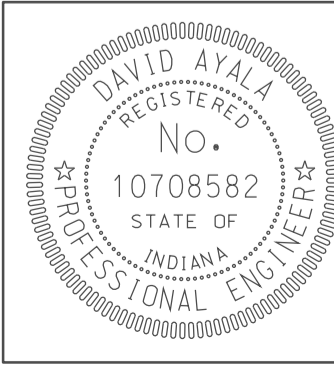
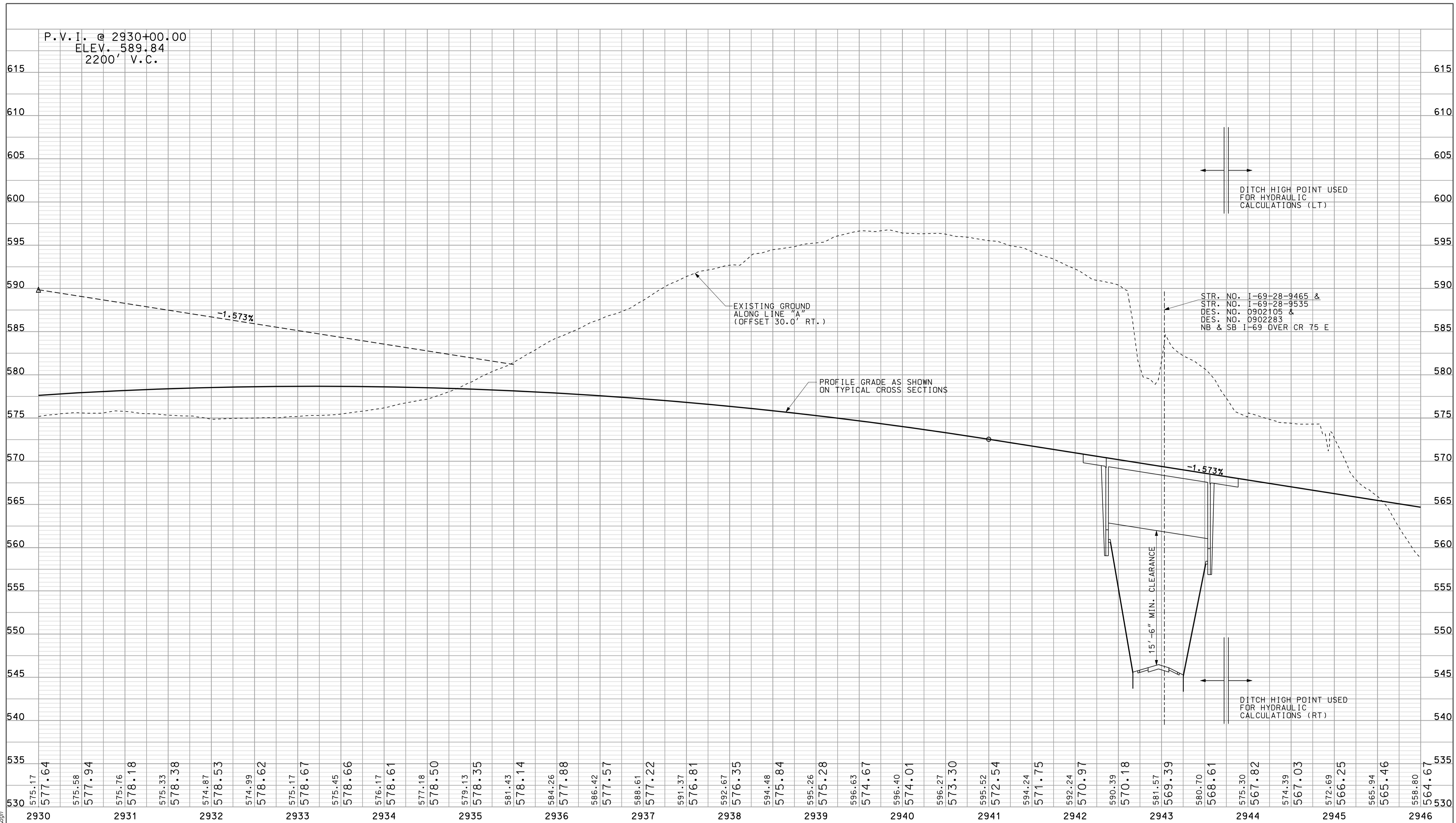
RECOMMENDED FOR APPROVAL	<i>com jo</i>	DESIGN ENGINEER	DATE
			5/5/10
DESIGNED:	OCs	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN SHEET  
LINE "A"  
STA. 2930+00 TO STA. 2946+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-21	73 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

REVISED 2010  
IP\_WIP-0025-ASEG3PROZ1.dgn 10/12



RECOMMENDED FOR APPROVAL: [Signature] DESIGN ENGINEER DATE: 5/5/10

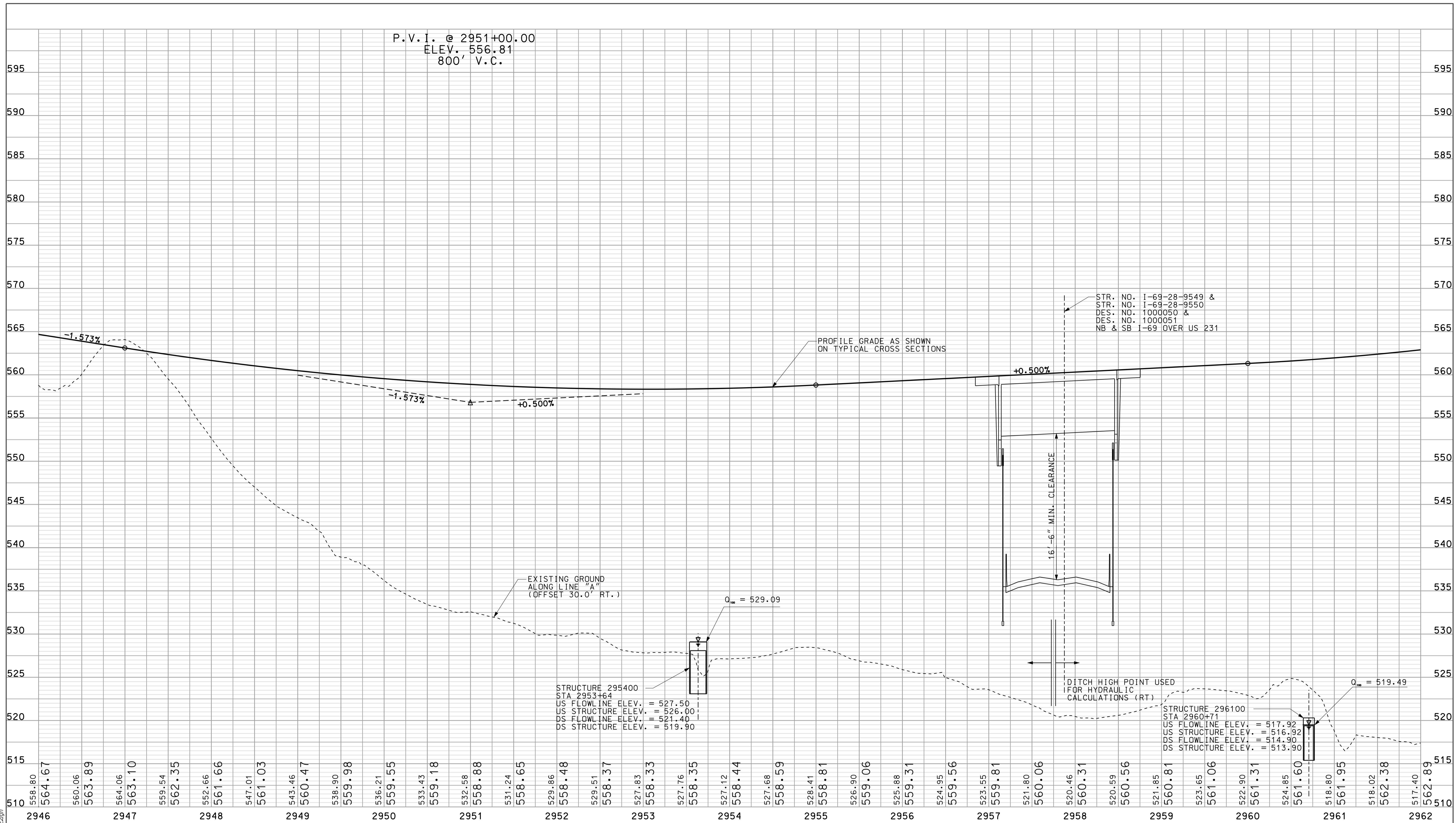
DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION  
 PROFILE SHEET LINE "A"  
 STA. 2930+00 TO STA. 2946+00

HORIZONTAL SCALE 1" = 50'		BRIDGE FILE	
VERTICAL SCALE 1" = 10'		DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. PR-21	SHEET NO. 74 of 373	
CONTRACT IR-33051	PROJECT 0500445		



P.V.I. @ 2951+00.00  
 ELEV. 556.81  
 800' V.C.



EXISTING GROUND  
 ALONG LINE "A"  
 (OFFSET 30.0' RT.)

PROFILE GRADE AS SHOWN  
 ON TYPICAL CROSS SECTIONS

STR. NO. I-69-28-9549 &  
 STR. NO. I-69-28-9550  
 DES. NO. 1000050 &  
 DES. NO. 1000051  
 NB & SB I-69 OVER US 231

STRUCTURE 295400  
 STA 2953+64  
 US FLOWLINE ELEV. = 527.50  
 US STRUCTURE ELEV. = 526.00  
 DS FLOWLINE ELEV. = 521.40  
 DS STRUCTURE ELEV. = 519.90

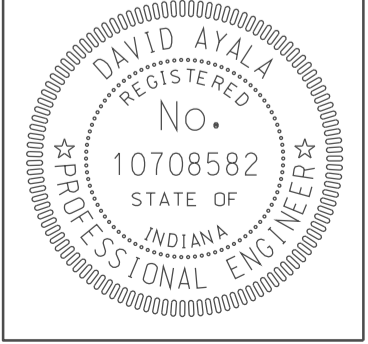
$Q_{100} = 529.09$

DITCH HIGH POINT USED  
 FOR HYDRAULIC  
 CALCULATIONS (RT)

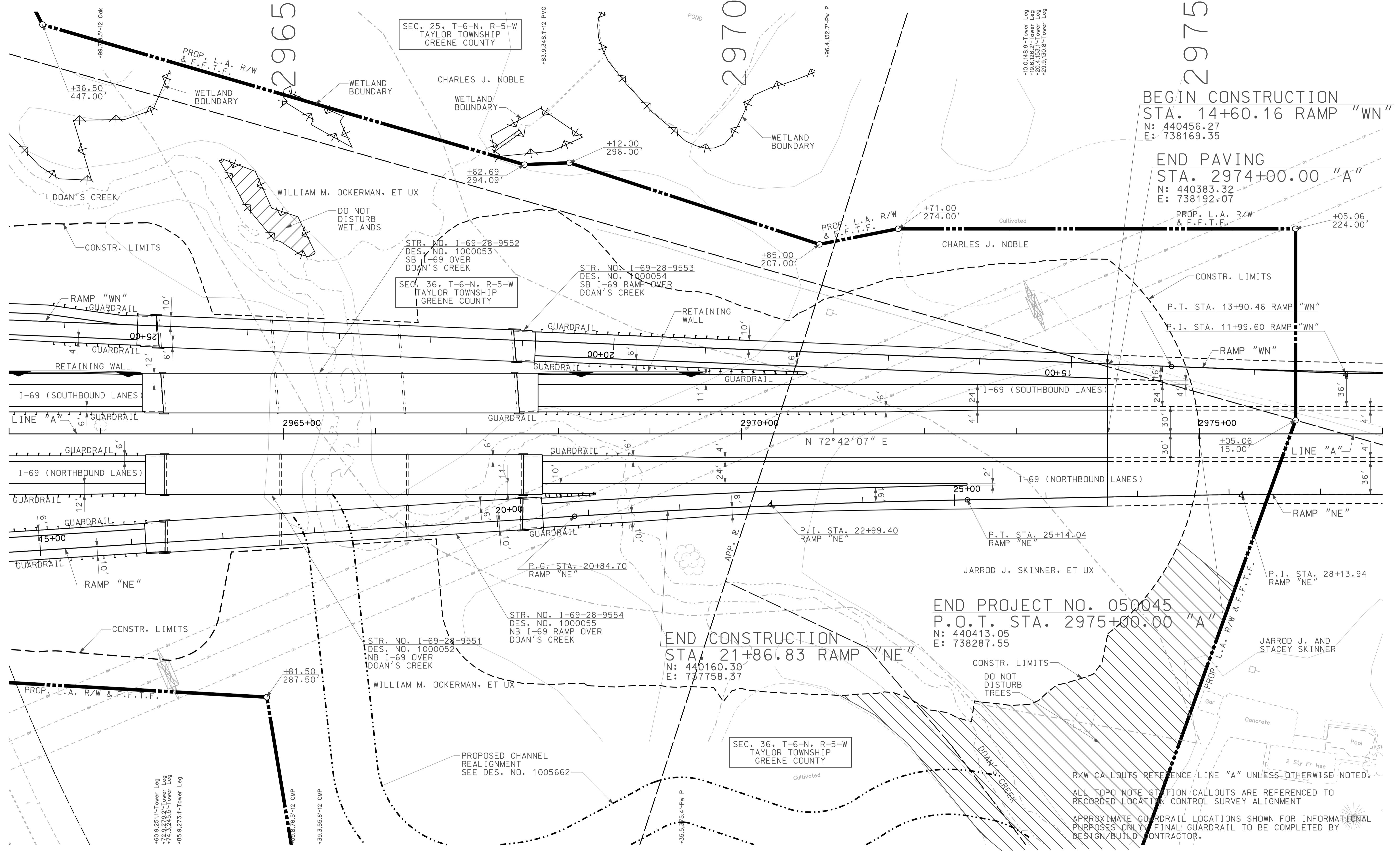
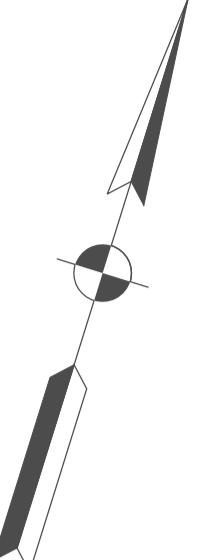
STRUCTURE 296100  
 STA 2960+71  
 US FLOWLINE ELEV. = 517.92  
 US STRUCTURE ELEV. = 516.92  
 DS FLOWLINE ELEV. = 514.90  
 DS STRUCTURE ELEV. = 513.90

$Q_{100} = 519.49$

I:\P\11160025\ASEG\PROJ22.dgn 1043  
 12/15/10  
 IP\_P\11160025\ASEG\PROJ22.dgn

	RECOMMENDED FOR APPROVAL <i>[Signature]</i> DESIGN ENGINEER DATE 5/5/10		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 50' VERTICAL SCALE 1" = 10'		BRIDGE FILE DESIGNATION 0500445	
	DESIGNED: OCS DRAWN: DH		PROFILE SHEET LINE "A" STA. 2946+00 TO STA. 2962+00		SURVEY BOOK CONTRACT IR-33051		DWG. NO. PR-22 SHEET NO. 76 of 373 PROJECT 0500445	
	CHECKED: NDH		CHECKED: DMA					

10/13 2010 10:13 IP: P:\P\2009\05\03\1023.dwg



**BEGINS CONSTRUCTION**  
 STA. 14+60.16 RAMP "WN"  
 N: 440456.27  
 E: 738169.35

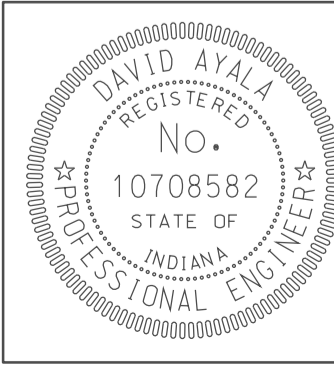
**END PAVING**  
 STA. 2974+00.00 "A"  
 N: 440383.32  
 E: 738192.07

**END CONSTRUCTION**  
 STA. 21+86.83 RAMP "NE"  
 N: 440160.30  
 E: 737758.37

**END PROJECT NO. 050045**  
 P.O.T. STA. 2975+00.00 "A"  
 N: 440413.05  
 E: 738287.55

**LEGEND**

	BUILDING REMOVAL
	BEGIN L.A. R/W
	END L.A. R/W
	REMOVE EXISTING ROADWAY
	ENVIRONMENTAL RESTRICTION

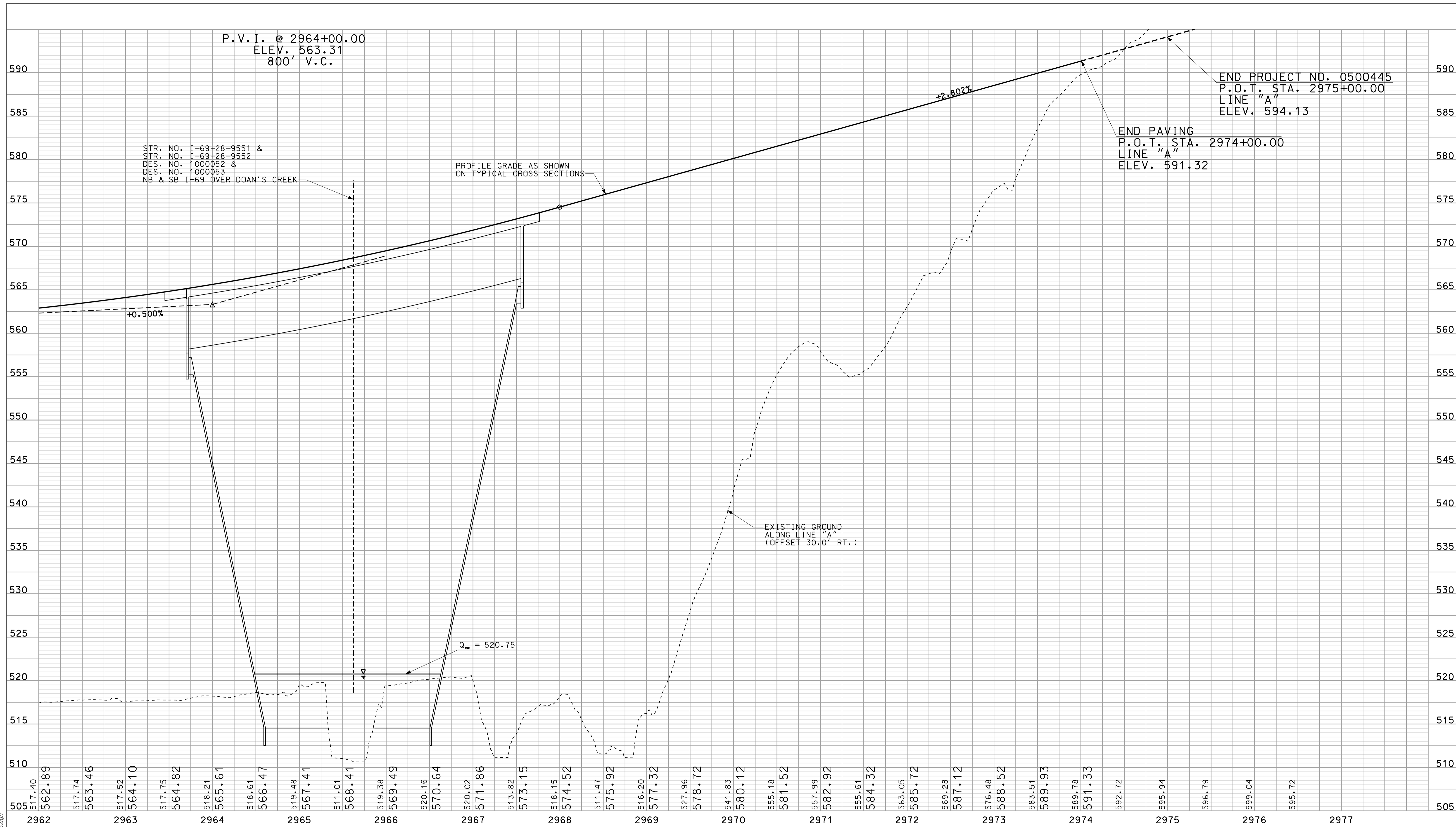


RECOMMENDED FOR APPROVAL: [Signature] 5/5/10 DATE  
 DESIGN ENGINEER  
 DESIGNED: OCS DRAWN: DH  
 CHECKED: NOH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION  
**PLAN SHEET**  
 LINE "A"  
 STA. 2962+00 TO STA. 2977+00

HORIZONTAL SCALE		BRIDGE FILE	
1" = 50'			
VERTICAL SCALE		DESIGNATION	
		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	PN-23	77 of 373	
CONTRACT	PROJECT		
IR-33051	0500445		

ROW CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
 ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO RECORDED LOCATION CONTROL SURVEY ALIGNMENT.  
 APPROXIMATE GUARDRAIL LOCATIONS SHOWN FOR INFORMATIONAL PURPOSES ONLY. FINAL GUARDRAIL TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.



STR. NO. I-69-28-9551 &  
 STR. NO. I-69-28-9552  
 DES. NO. 1000052 &  
 DES. NO. 1000053  
 NB & SB I-69 OVER DOAN'S CREEK

P.V.I. @ 2964+00.00  
 ELEV. 563.31  
 800' V.C.

END PROJECT NO. 0500445  
 P.O.T. STA. 2975+00.00  
 LINE "A"  
 ELEV. 594.13

END PAVING  
 P.O.T. STA. 2974+00.00  
 LINE "A"  
 ELEV. 591.32

PROFILE GRADE AS SHOWN  
 ON TYPICAL CROSS SECTIONS

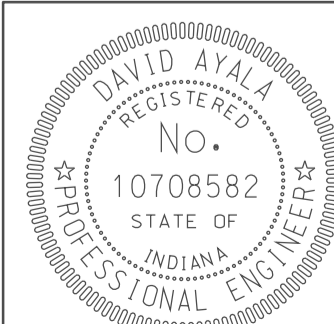
EXISTING GROUND  
 ALONG LINE "A"  
 (OFFSET 30.0' RT.)

+0.500%

+2.802%

$Q_v = 520.75$

I:\Projects\2010\IP-P\WP-IR-33051\ASEG\3\PROJ23.dgn 1043

		RECOMMENDED FOR APPROVAL <i>REM JD</i> DESIGN ENGINEER DATE 5/5/10	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 50' VERTICAL SCALE 1" = 10'	BRIDGE FILE DESIGNATION 0500445
DESIGNED: OCS CHECKED: NOH	DRAWN: DH CHECKED: DMA	<b>PROFILE SHEET          LINE "A"</b> STA. 2962+00 TO STA. 2977+00			SURVEY BOOK IR-33051	DWG. NO. PR-23 SHEET NO. 78 of 373 PROJECT 0500445

SEC. 25, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

CHARLES J. NOBLE

CHARLES J. NOBLE

Cultivated

P.O.T. STA. 8+00.00 RAMP "WN"  
= P.O.T. STA. 2980+60.00 "A"  
OFFSET 66.0' LT.

CULVERT TO BE  
INSTALLED IN  
FUTURE PROJECT

I-69 (FUTURE SOUTHBOUND LANES)

I-69 (FUTURE SOUTHBOUND LANES)

LINE "A"

2980+00

2985+00

2990+00

LINE "A"

I-69 (FUTURE NORTHBOUND LANES)

I-69 (FUTURE NORTHBOUND LANES)

30+00

P.O.T. STA. 33+93.94 RAMP "NE"  
= P.O.T. STA. 2981+26.42 "A"  
OFFSET 66.0' RT.

FUTURE I-69 SHOWN  
FOR INFORMATION ONLY

JARROD J. AND  
STACEY SKINNER

1 Sty Metal Barn

Gravel

1 Sty Metal Barn

1 Sty Fr Hse





SEC. 36, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

TED L. TOWNSEND

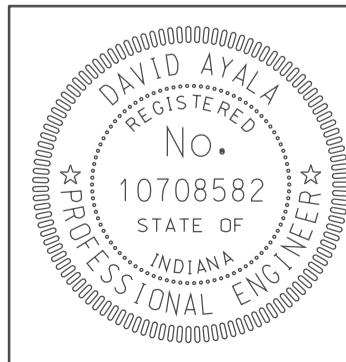
R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO  
RECORDED LOCATION CONTROL SURVEY ALIGNMENT

1043  
 1P:\P\1043\1043\1043.dgn  
 5/5/10 10:43 AM

LEGEND

-  BUILDING REMOVAL
-  BEGIN L.A. R/W
-  END L.A. R/W
-  REMOVE EXISTING ROADWAY

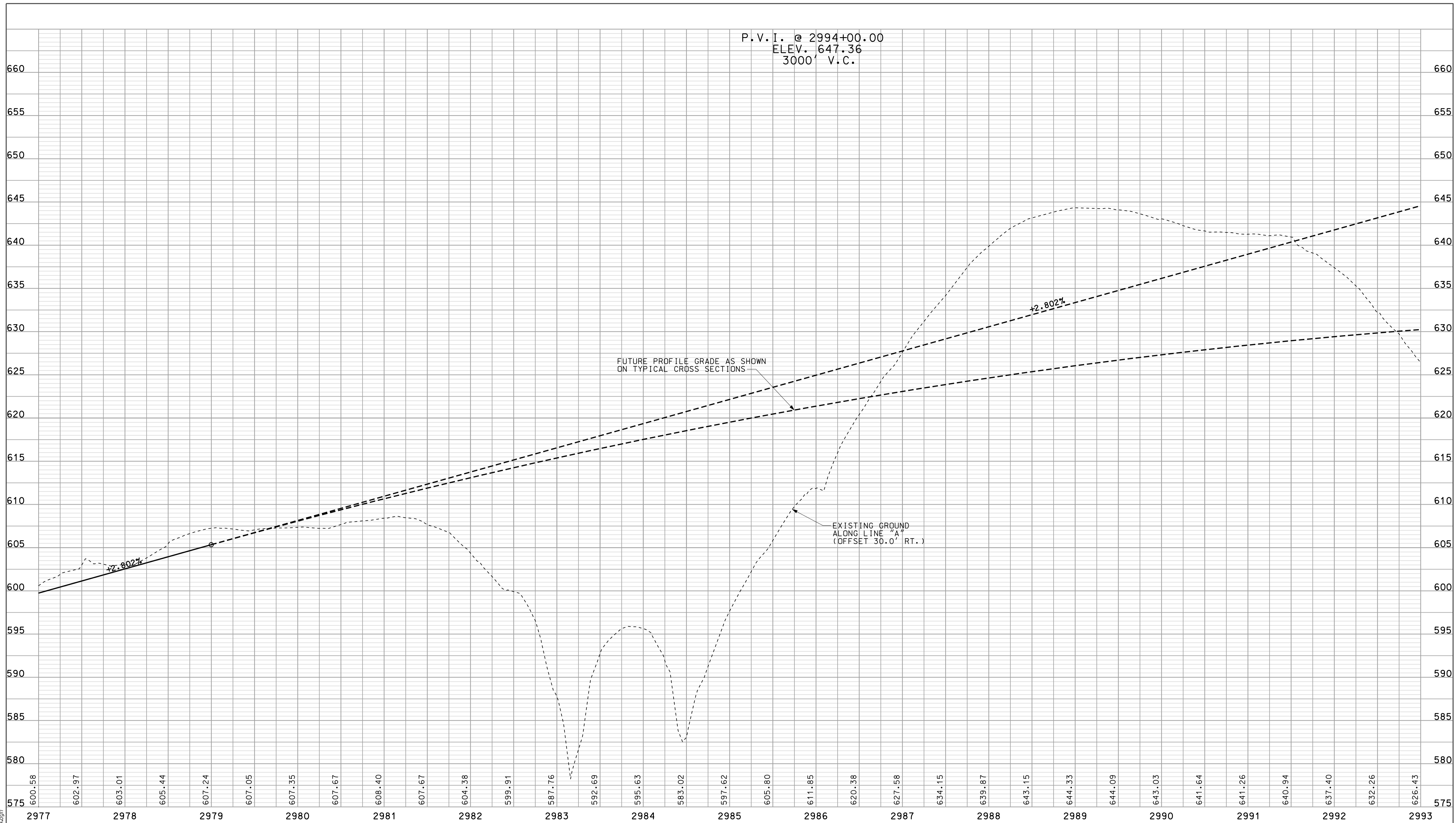
 ENVIRONMENTAL RESTRICTION



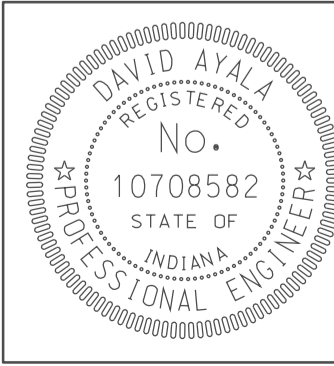
RECOMMENDED FOR APPROVAL	<i>em jo</i>	5/5/10
	DESIGN ENGINEER	DATE
DESIGNED: OCS	DRAWN: DH	
CHECKED: NOH	CHECKED: DMA	

INDIANA  
DEPARTMENT OF TRANSPORTATION  
PLAN SHEET  
LINE "A"  
STA. 2977+00 TO STA. 2993+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. PN-24	SHEET NO. 79 of 373
CONTRACT IR-33051	PROJECT 0500445	



10/4  
 IP: \\P:\m\0025\A\SE\G\3\PRO24.dgn  
 5/10/10



RECOMMENDED FOR APPROVAL	<i>DMA</i>	DATE	5/5/10
DESIGNED: OCS		DRAWN: DH	
CHECKED: NDH		CHECKED: DMA	

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
**PROFILE SHEET**  
 LINE "A"  
 STA. 2977+00 TO STA. 2993+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. PR-24	SHEET NO. 80 of 373
CONTRACT IR-33051	PROJECT 0500445	



SEC. 6, T-5-N, R-5-W  
ELMORE TOWNSHIP  
DAVIESS COUNTY

SEC. 5, T-5-N, R-5-W  
ELMORE TOWNSHIP  
DAVIESS COUNTY

BEGIN CONSTRUCTION  
PROJECT NO. 0500445  
STA. 102+85.00 "PR-CR 900 E"  
= STA. 898+05.24 "CR 900 E"  
N: 432613.92  
E: 715413.75

END CONSTRUCTION  
PROJECT NO. 0500445  
STA. 106+75.00 "PR-CR 900 E"  
= STA. 901+95.23 "CR 900 E"  
N: 433003.91  
E: 715411.99

P.I. STA. 109+94.76 "PR-CR 900 E"  
= O.P.O.T. STA. 905+14.49 "CR 900 E"  
OFFSET 1.3' LT.  
N: 433323.17  
E: 715411.13

P.O.T. STA. 99+79.77 "PR-CR 900 E"  
= P.O.T. STA. 895+00.00 "CR 900 E"  
N: 432308.70  
E: 715416.87

P.I. STA. 103+79.40 "PR-CR 900 E"  
= O.P.O.T. STA. 898+99.63 "CR 900 E"

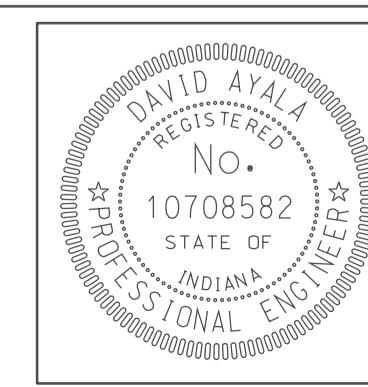
STR. NO. I-69-28-9439  
DES. NO. 0902079  
NB I-69 OVER CR 900 E

P.O.C. STA. 2732+01.85 "A"  
= P.O.T. STA. 104+79.51 "PR-CR 900 E"

CURVE DATA  
P.I. STA. 103+79.40 "PR-CR 900 E"  
 $\Delta = 0^\circ 25' 53''$  RT.  
NO CURVE RUN

R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO  
RECORDED LOCATION CONTROL SURVEY ALIGNMENT

- LEGEND
- BUILDING REMOVAL
  - BEGIN L.A. R/W
  - END L.A. R/W
  - REMOVE EXISTING ROADWAY
  - ENVIRONMENTAL RESTRICTION



RECOMMENDED FOR APPROVAL *com jo* 5/5/10  
DESIGN ENGINEER DATE

DESIGNED: OCS DRAWN: DH  
CHECKED: NOH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION  
PLAN SHEET  
CR 900 E  
STA. 102+85 TO STA. 106+75

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 0500445
SURVEY BOOK	DWG. NO. SHEET NO. PN-25 81 of 373
CONTRACT IR-33051	PROJECT 0500445

10/3/36  
 10/3/36  
 IP: P:\P\33051\0500445\ASSETS\33051025.dgn

CBM 500 - BOAT SPIKE SET WEST FACE PWP  
 STA. 897+04.5 "CR 900 E", 22.9' RT. ELEV. 494.90

CBM 501 - BOAT SPIKE SET WEST FACE PWP  
 STA. 905+08.90 "CR 900 E", 12.3' RT. ELEV. 496.62

STR. NO. I-69-28-9439  
 DES. NO. 090279  
 I-69 NB OVER CR 900 E

STR. NO. I-69-28-9440  
 DES. NO. 090280  
 I-69 SB OVER CR 900 E

BEGIN CONSTRUCTION  
 P.O.T. STA. 102+85.00  
 LINE "PR-CR 900 E"  
 ELEV. 495.48

END CONSTRUCTION  
 P.O.T. STA. 106+75.00  
 LINE "PR-CR 900 E"  
 ELEV. 495.07

15'-6" MIN VERT CLEARANCE

15'-6" MIN VERT CLEARANCE

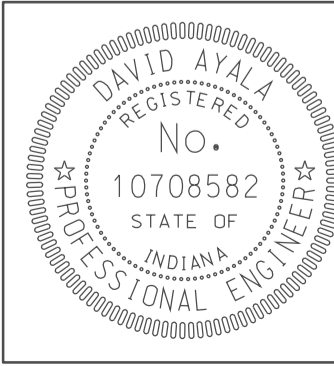
-0.106%

PROFILE GRADE

EXISTING GROUND

496.42 496.29 496.15 496.34 495.68 495.58 495.47 495.47 495.38 495.42 495.31 495.36 495.23 495.31 495.14 495.26 495.18 495.20 495.15 495.15 495.07 495.10 494.92

10/3/10  
 IP\_PWP-IR-33051-ASEG13PRO25.dgn



RECOMMENDED FOR APPROVAL *DM*  
 DESIGN ENGINEER DATE 5/5/10

DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION

PROFILE SHEET  
 CR 900 E  
 STA. 105+85 TO STA. 106+75

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. PR-25	SHEET NO. 82 of 373
CONTRACT IR-33051	PROJECT 0500445	

45

50

55

SEC. 35, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY



+51.4,41.1-Tower Leg  
+56.0,41.0-Dead Tree  
+71.5,59.2-Tower Leg  
+80.4,48.8-Tower Leg  
  
+25.4,11.2-F.F.T.F.  
+46.7,15.2-F.F.T.F.

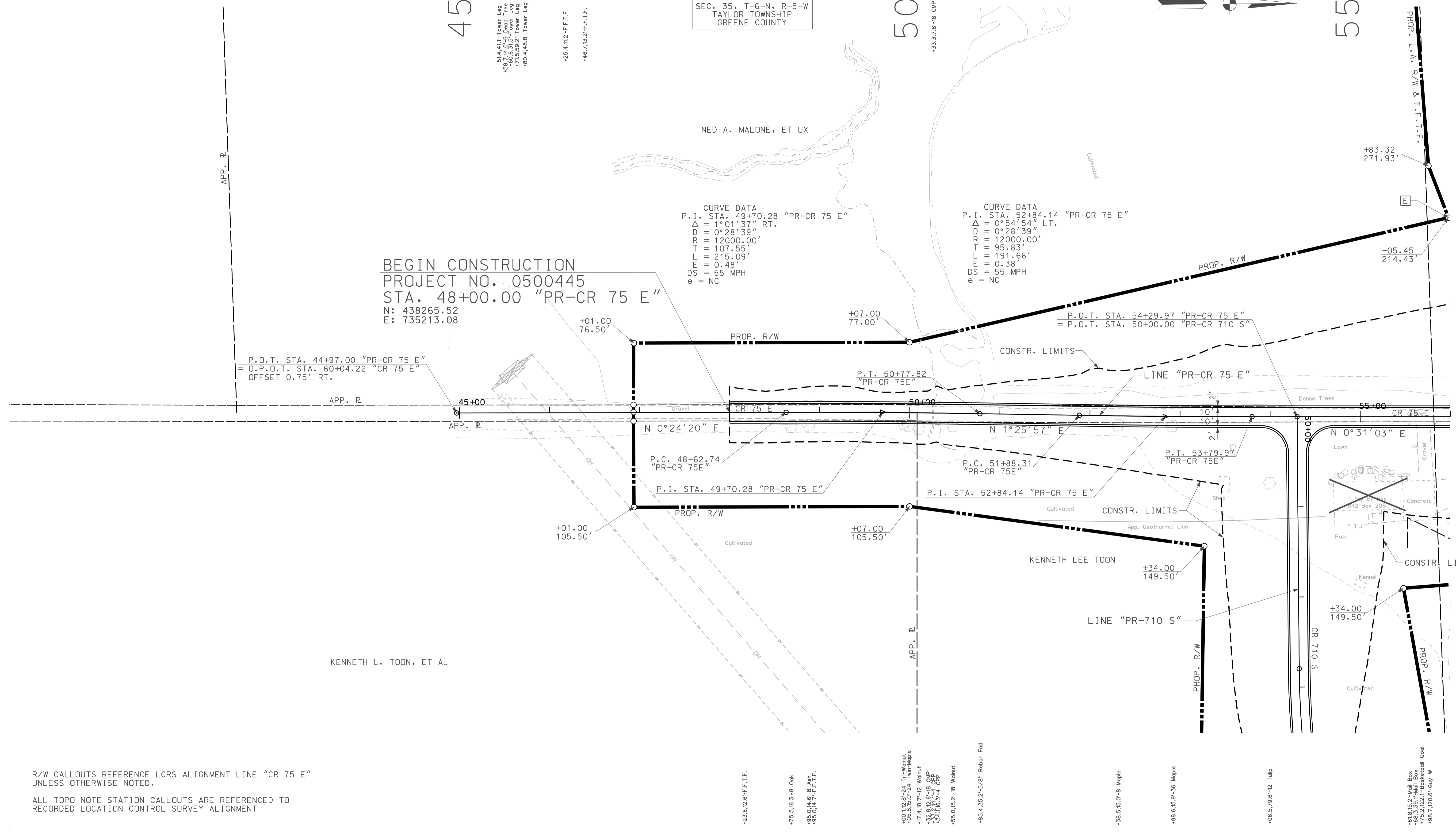
CURVE DATA  
P.I. STA. 49+70.28 "PR-CR 75 E"  
Δ = 1°01'37" RT.  
D = 0°28'39"  
R = 12000.00'  
T = 107.55'  
L = 215.09'  
E = 0.48'  
DS = 55 MPH  
e = NC

CURVE DATA  
P.I. STA. 52+84.14 "PR-CR 75 E"  
Δ = 0°54'54" LT.  
D = 0°28'39"  
R = 12000.00'  
T = 95.83'  
L = 191.66'  
E = 0.38'  
DS = 55 MPH  
e = NC

BEGIN CONSTRUCTION  
PROJECT NO. 0500445  
STA. 48+00.00 "PR-CR 75 E"  
N: 438265.52  
E: 735213.08

P.O.T. STA. 44+97.00 "PR-CR 75 E"  
= O.P.O.T. STA. 60+04.22 "CR 75 E"  
OFFSET 0.75' RT.

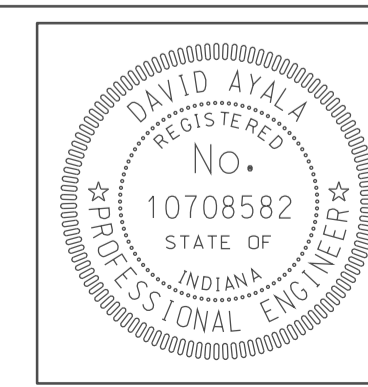
P.O.T. STA. 54+29.97 "PR-CR 75 E"  
= P.O.T. STA. 50+00.00 "PR-CR 710 S"



R/W CALLOUTS REFERENCE LCRS ALIGNMENT LINE "CR 75 E"  
UNLESS OTHERWISE NOTED.

ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO  
RECORDED LOCATION CONTROL SURVEY ALIGNMENT

LEGEND	
	BUILDING REMOVAL
	ENVIRONMENTAL RESTRICTION
	BEGIN L.A. R/W
	END L.A. R/W
	REMOVE EXISTING ROADWAY

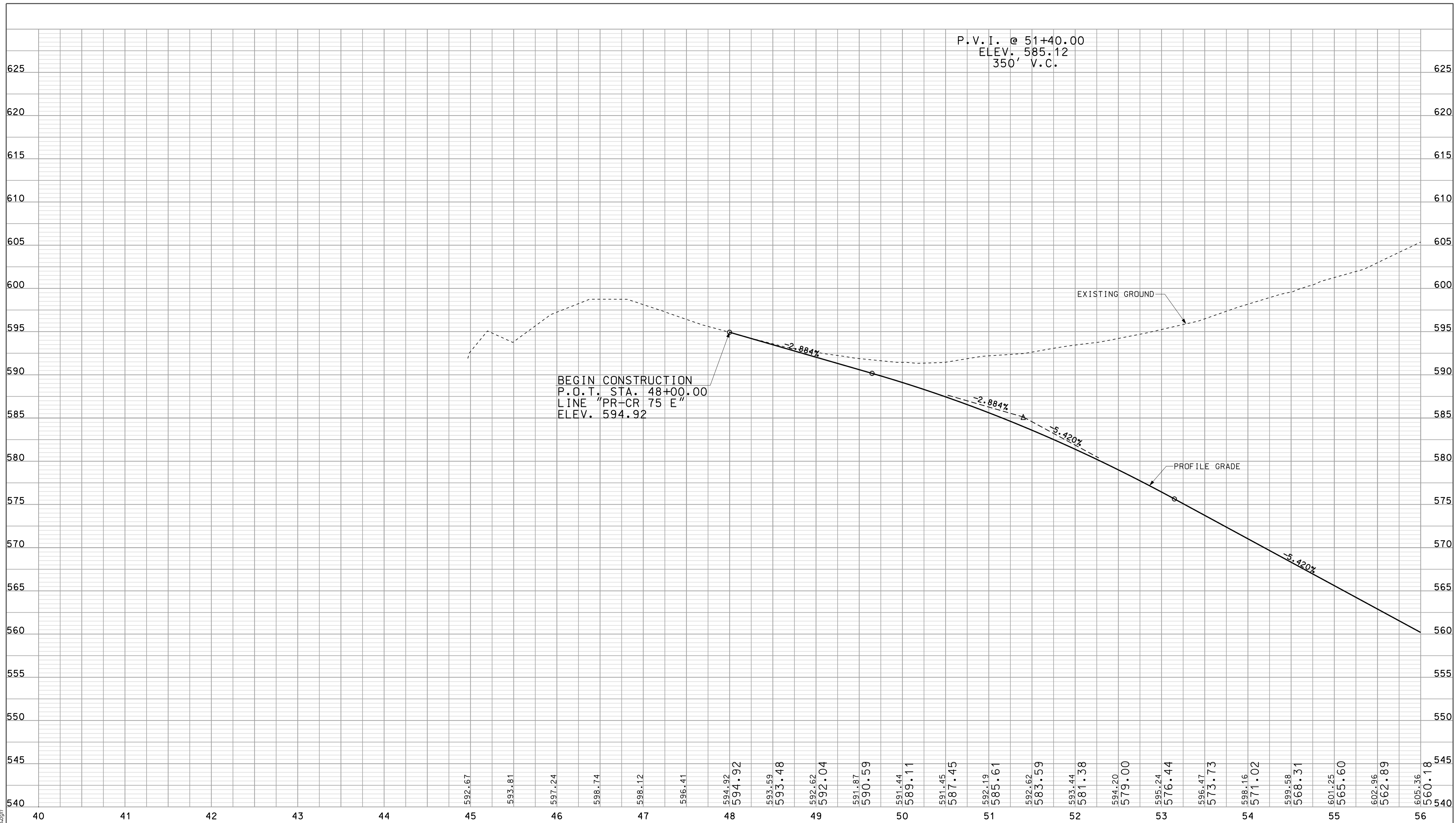


RECOMMENDED FOR APPROVAL		5/5/10	
DESIGNED:	OCs	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

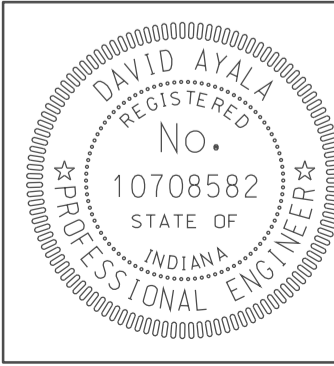
INDIANA  
DEPARTMENT OF TRANSPORTATION  
PLAN SHEET  
CR 75 E  
STA. 48+00 TO STA. 56+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	PN-26	83 of 373
CONTRACT	PROJECT	
	0500445	

10/3/10 10:37 IP: P:\P\10025\ALSE\GIS\025.dgn



10/3/10  
 10:37  
 IP\_P:\P\10025\A\SE\G\3\PROG.dgn



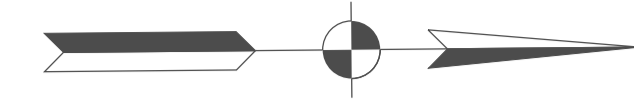
RECOMMENDED FOR APPROVAL *rem jf* 5/5/10  
 DESIGN ENGINEER DATE

DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION

PROFILE SHEET  
 CR 75 E  
 STA. 48+00 TO STA. 56+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. PR-26	SHEET NO. 84 of 373
CONTRACT IR-33051	PROJECT 0500445	

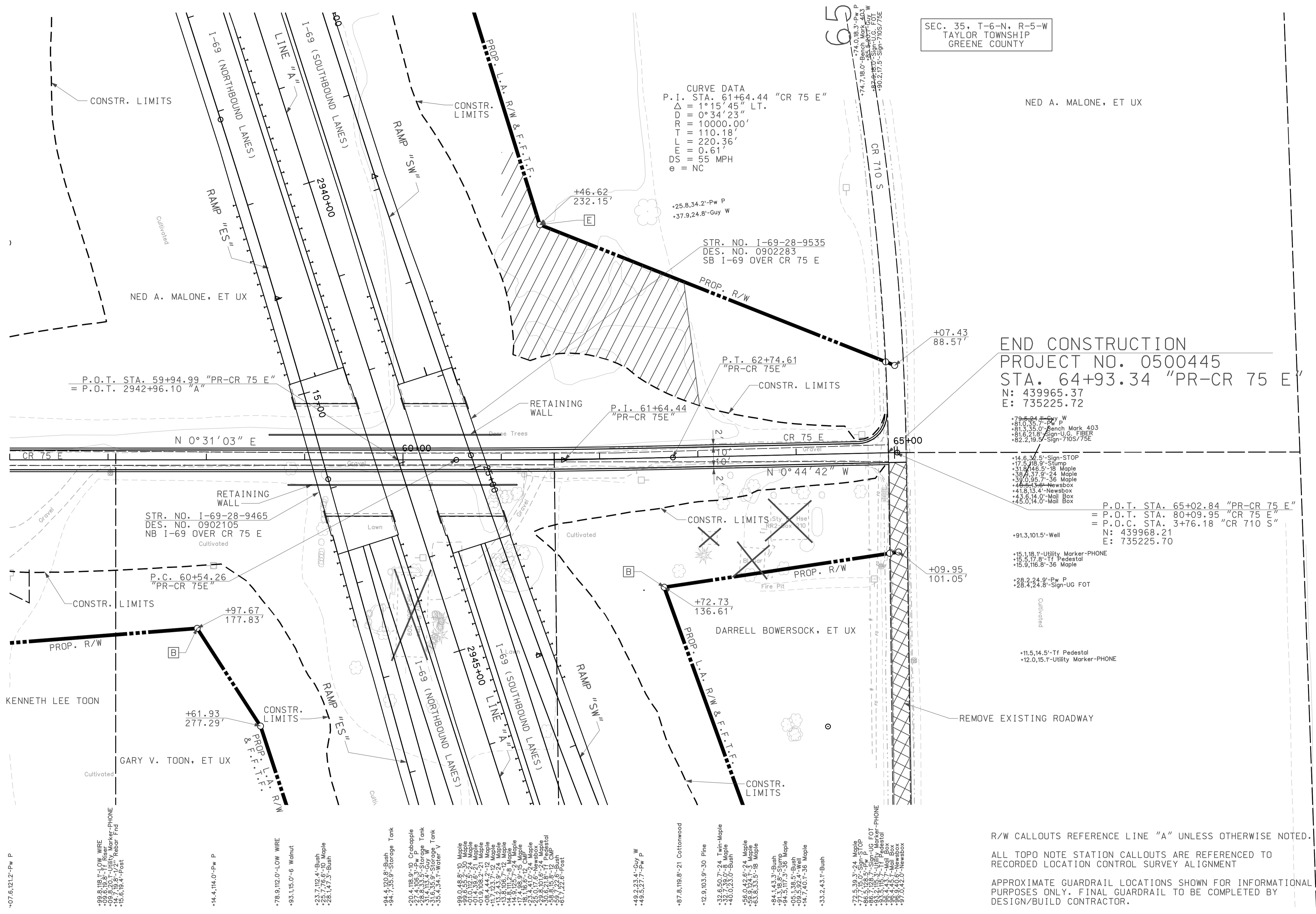


SEC. 26, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

SEC. 35, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

CURVE DATA  
P.I. STA. 61+64.44 "CR 75 E"  
Δ = 1° 15' 45" LT.  
D = 0° 34' 23"  
R = 10000.00'  
T = 110.18'  
L = 220.36'  
E = 0.61'  
DS = 55 MPH  
e = NC

NED A. MALONE, ET UX



END CONSTRUCTION  
PROJECT NO. 0500445  
STA. 64+93.34 "PR-CR 75 E"  
N: 439965.37  
E: 735225.72

+78.24'-Pw W  
+81.05'-Pw P  
+81.35'-Bench Mark 403  
+82.21'-Sign-UG FIBER  
+82.21'-Sign-710S/75E

+14.63'-Sign-STOP  
+17.51'-Stump  
+31.74'-5-18 Maple  
+38.37'-24 Maple  
+39.05'-36 Maple  
+46.53'-Newsbox  
+41.83'-Newsbox  
+43.14'-Mail Box  
+43.14'-Mail Box

P.O.T. STA. 65+02.84 "PR-CR 75 E"  
= P.O.T. STA. 80+09.95 "CR 75 E"  
= P.O.C. STA. 3+76.18 "CR 710 S"  
N: 439968.21  
E: 735225.70

+91.31'-Well  
+15.18'-Utility Marker-PHONE  
+15.51'-Tf Pedestal  
+15.91'-36 Maple

+28.22'-Pw P  
+28.42'-Sign-UG FOT

+11.51'-Tf Pedestal  
+12.01'-Utility Marker-PHONE

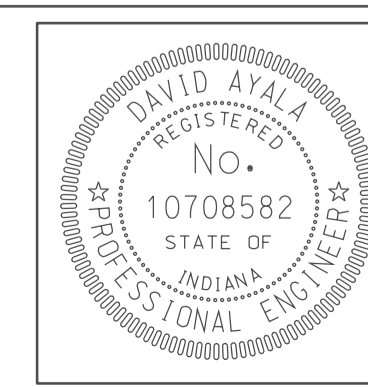
R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO RECORDED LOCATION CONTROL SURVEY ALIGNMENT  
APPROXIMATE GUARDRAIL LOCATIONS SHOWN FOR INFORMATIONAL PURPOSES ONLY. FINAL GUARDRAIL TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

10/3/17 10:37 IP: P:\P\160025\ASEG\3\027.dgn

**LEGEND**

	BUILDING REMOVAL
	BEGIN L.A. R/W
	END L.A. R/W
	REMOVE EXISTING ROADWAY

ENVIRONMENTAL RESTRICTION



RECOMMENDED FOR APPROVAL		5/5/10	
DESIGNED:	OCs	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION  
PLAN SHEET  
CR 75 E  
STA. 56+00 TO STA. 65+00

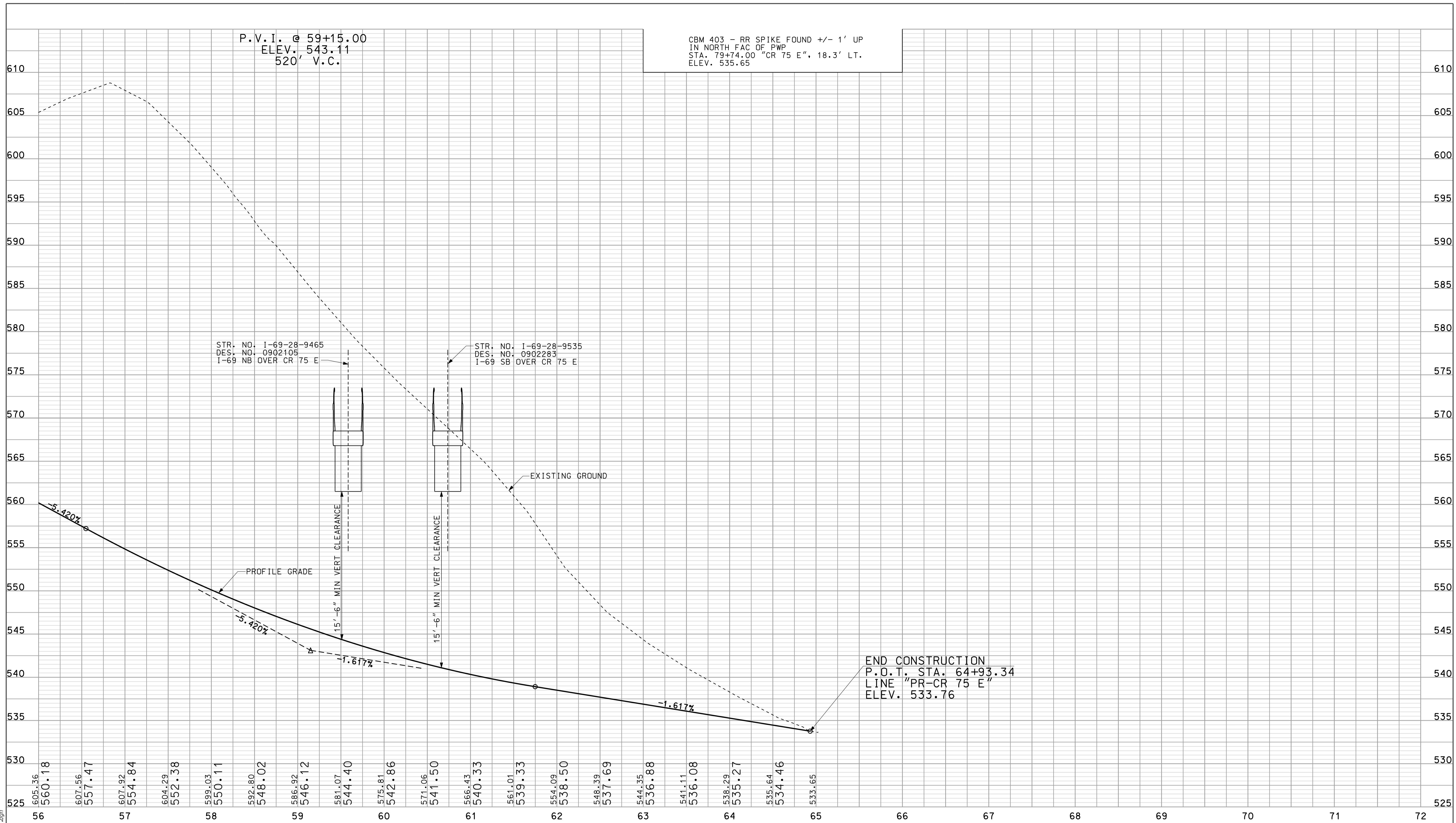
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
	0500445
SURVEY BOOK	DWG. NO. SHEET NO.
IR-33051	PN-27 85 of 373
	PROJECT
	0500445

P.V.I. @ 59+15.00  
 ELEV. 543.11  
 520' V.C.

CBM 403 - RR SPIKE FOUND +/- 1' UP  
 IN NORTH FAC OF PWP  
 STA. 79+74.00 "CR 75 E", 18.3' LT.  
 ELEV. 535.65

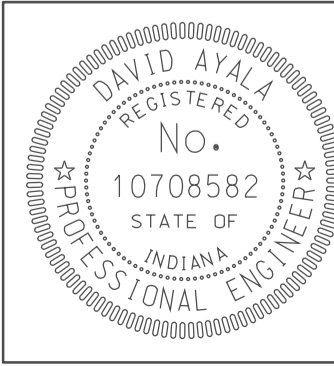
STR. NO. 1-69-28-9465  
 DES. NO. 0902105  
 I-69 NB OVER CR 75 E

STR. NO. 1-69-28-9535  
 DES. NO. 0902283  
 I-69 SB OVER CR 75 E



END CONSTRUCTION  
 P.O.T. STA. 64+93.34  
 LINE "PR-CR 75 E"  
 ELEV. 533.76

10-37  
 10/3/10  
 IP\_PWP-IR-33051-ASEG13PRO27.dgn



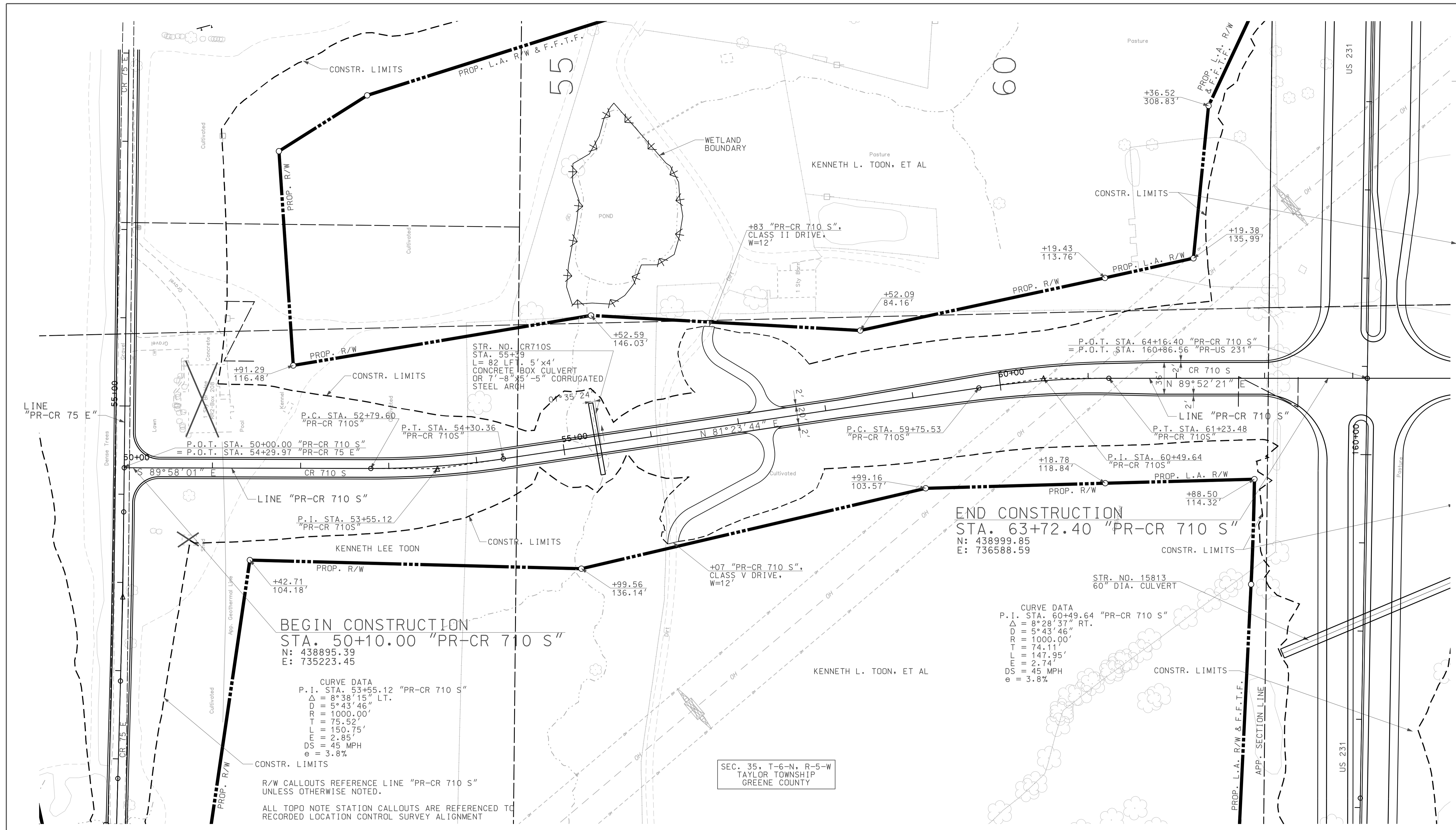
RECOMMENDED FOR APPROVAL *em jo*  
 DESIGN ENGINEER DATE 5/5/10

DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION

PROFILE SHEET  
 CR 75 E  
 STA. 56+00 TO STA. 65+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. PR-27	SHEET NO. 86 of 373
CONTRACT IR-33051	PROJECT 0500445	



**BEGIN CONSTRUCTION**  
 STA. 50+10.00 "PR-CR 710 S"  
 N: 438895.39  
 E: 735223.45

**CURVE DATA**  
 P.I. STA. 53+55.12 "PR-CR 710 S"  
 $\Delta = 8^{\circ}39'15"$  LT.  
 $D = 5^{\circ}43'46"$  LT.  
 $R = 1000.00'$   
 $T = 75.52'$   
 $L = 150.75'$   
 $E = 2.85'$   
 $DS = 45$  MPH  
 $e = 3.8\%$

R/W CALLOUTS REFERENCE LINE "PR-CR 710 S"  
 UNLESS OTHERWISE NOTED.  
 ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO  
 RECORDED LOCATION CONTROL SURVEY ALIGNMENT

**END CONSTRUCTION**  
 STA. 63+72.40 "PR-CR 710 S"  
 N: 438999.85  
 E: 736588.59

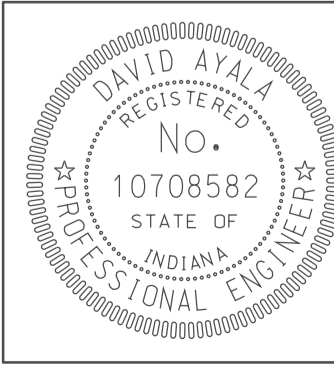
**CURVE DATA**  
 P.I. STA. 60+49.64 "PR-CR 710 S"  
 $\Delta = 8^{\circ}28'37"$  RT.  
 $D = 5^{\circ}43'46"$  RT.  
 $R = 1000.00'$   
 $T = 74.11'$   
 $L = 147.95'$   
 $E = 2.74'$   
 $DS = 45$  MPH  
 $e = 3.8\%$

SEC. 35, T-6-N, R-5-W  
 TAYLOR TOWNSHIP  
 GREENE COUNTY

10/3/17 10:37  
 IP: P:\P\10025\ASEG\3\028.dgn

**LEGEND**

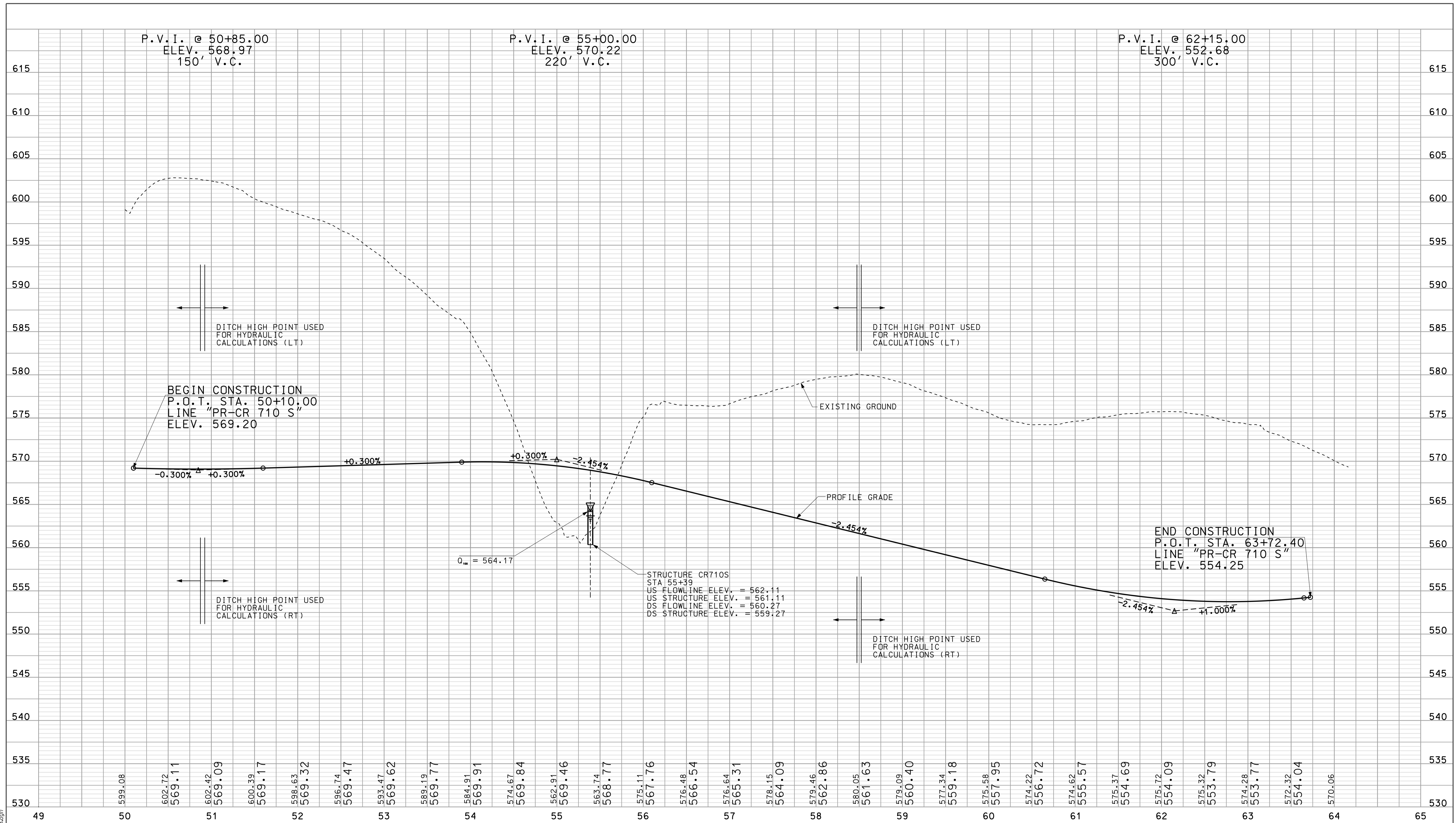
	BUILDING REMOVAL
	BEGIN L.A. R/W
	END L.A. R/W
	REMOVE EXISTING ROADWAY
	ENVIRONMENTAL RESTRICTION



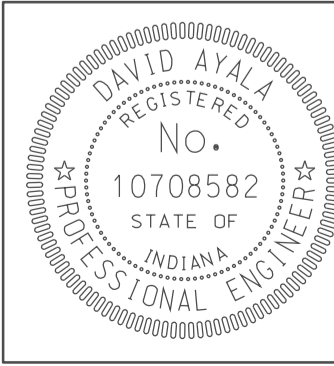
RECOMMENDED FOR APPROVAL	<i>(Signature)</i>	DESIGN ENGINEER	5/5/10	DATE
DESIGNED:	OCs	DRAWN:	DH	
CHECKED:	NOH	CHECKED:	DMA	

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 PLAN SHEET  
 CR 710 S  
 STA. 50+00 TO STA. 64+16

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-28	87 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



10/3/08  
 10:38  
 IP: P:\P\025\ASEG\3PRO28.dgn



RECOMMENDED FOR APPROVAL: *rem jg*  
 DESIGN ENGINEER: \_\_\_\_\_ DATE: 5/5/10

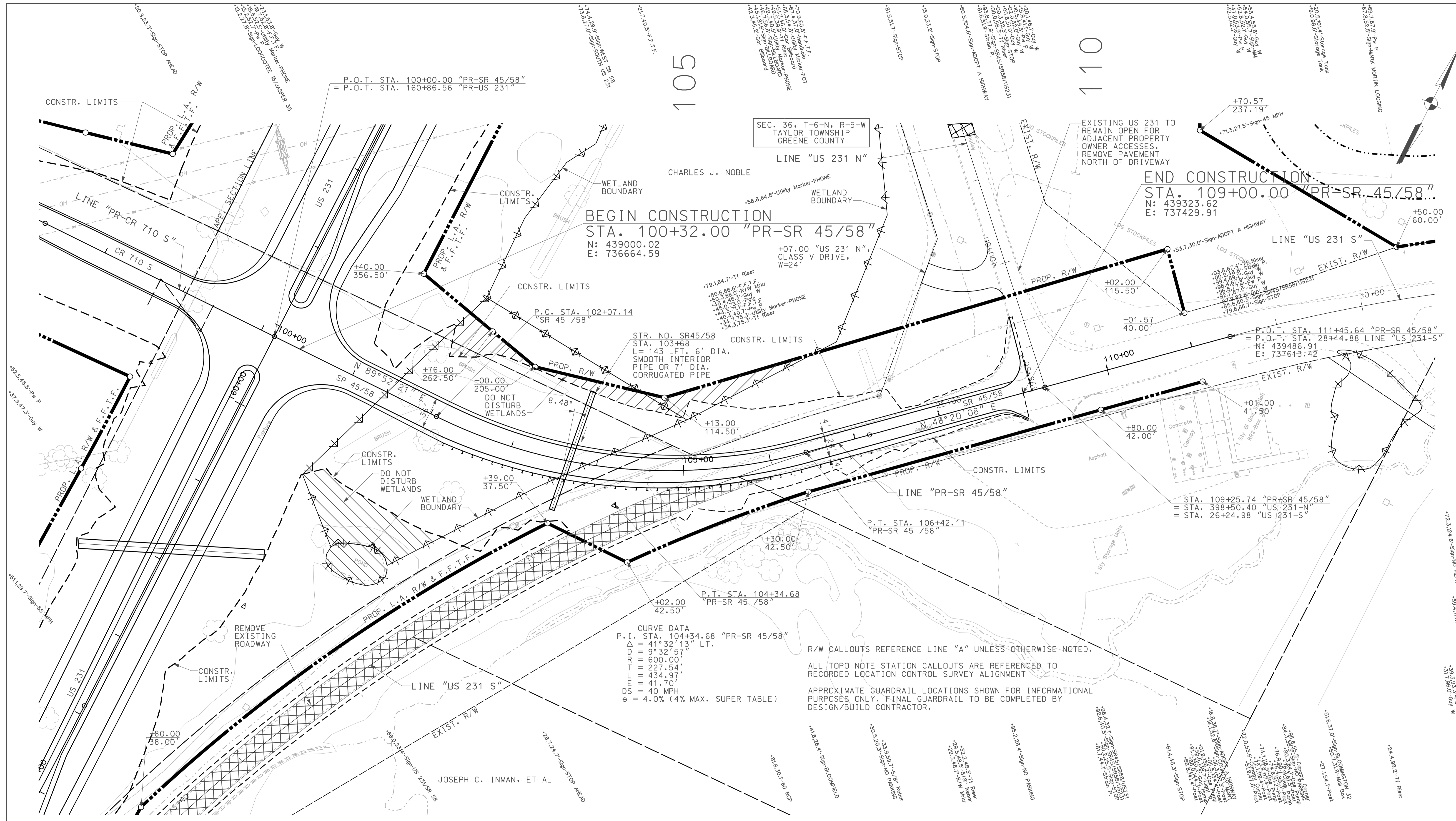
DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION

PROFILE SHEET  
 CR 710 S  
 STA. 50+00 TO STA. 64+16

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. PR-28	SHEET NO. 88 of 373
CONTRACT IR-33051	PROJECT 0500445	





**BEGIN CONSTRUCTION**  
 STA. 100+32.00 "PR-SR 45/58"  
 N: 439000.02  
 E: 736664.59

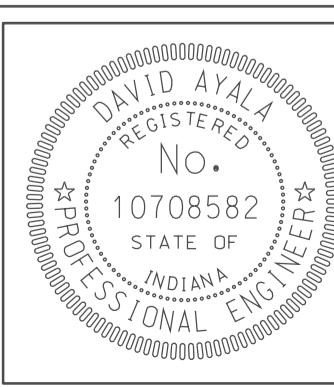
**END CONSTRUCTION**  
 STA. 109+00.00 "PR-SR 45/58"  
 N: 439323.62  
 E: 737429.91

**CURVE DATA**  
 P.I. STA. 104+34.68 "PR-SR 45/58"  
 $\Delta = 41^{\circ} 32' 13"$  LT.  
 D = 9° 32' 57"  
 R = 600.00'  
 T = 227.54'  
 L = 434.97'  
 E = 41.70'  
 DS = 40 MPH  
 e = 4.0% (4% MAX. SUPER TABLE)

R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
 ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO RECORDED LOCATION CONTROL SURVEY ALIGNMENT  
 APPROXIMATE GUARDRAIL LOCATIONS SHOWN FOR INFORMATIONAL PURPOSES ONLY. FINAL GUARDRAIL TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

**LEGEND**

	BUILDING REMOVAL
	BEGIN L.A. R/W
	END L.A. R/W
	REMOVE EXISTING ROADWAY
	ENVIRONMENTAL RESTRICTION

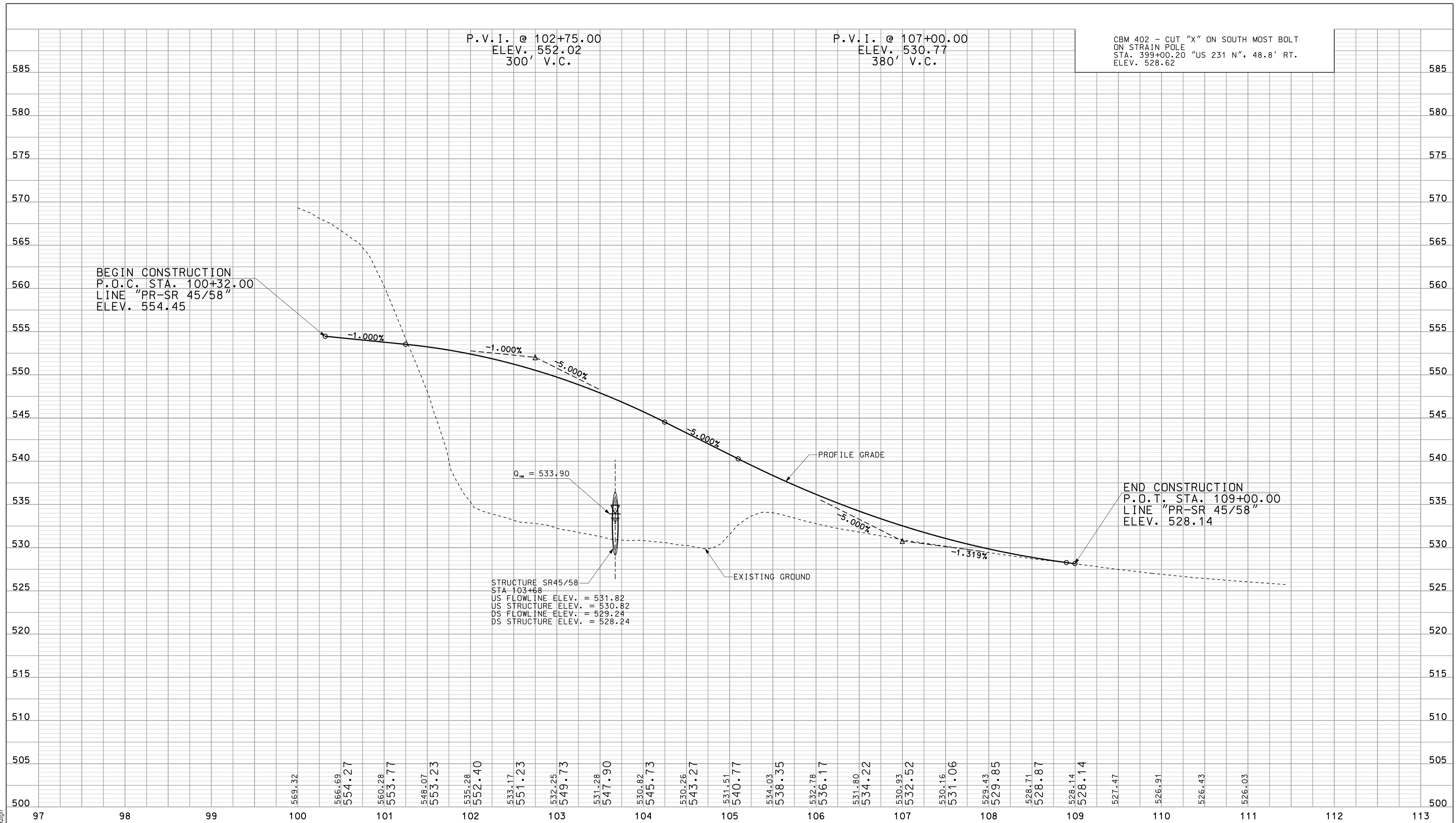


RECOMMENDED FOR APPROVAL	<i>com jo</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCs	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 PLAN SHEET  
 SR 45/58  
 STA. 100+00 TO STA. 109+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-29	89 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

10.38  
 10/3/10  
 IP: P:\P\100025\ASEG\3029.dwg



BEGIN CONSTRUCTION  
P.O.C. STA. 100+32.00  
LINE "PR-SR 45/58"  
ELEV. 554.45

P.V.I. @ 102+75.00  
ELEV. 552.02  
300' V.C.

P.V.I. @ 107+00.00  
ELEV. 530.77  
380' V.C.

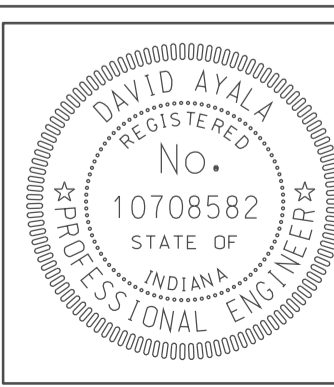
CBM 402 - CUT "X" ON SOUTH MOST BOLT  
ON STRAIN POLE  
STA. 399+00.20 "US 231 N", 48.8' RT.  
ELEV. 528.62

$Q_{top} = 533.90$

STRUCTURE SR45/58  
STA 103+68  
US FLOWLINE ELEV. = 531.82  
US STRUCTURE ELEV. = 530.82  
DS FLOWLINE ELEV. = 529.24  
DS STRUCTURE ELEV. = 528.24

END CONSTRUCTION  
P.O.T. STA. 109+00.00  
LINE "PR-SR 45/58"  
ELEV. 528.14

10/3/08  
IP: P:\P\2010\025\A\SE\G\3\PRO29.dgn



RECOMMENDED FOR APPROVAL  
DESIGN ENGINEER: *David Ayala* DATE: 5/5/10

DESIGNED: OCS DRAWN: DH  
CHECKED: NDH CHECKED: DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

PROFILE SHEET  
SR 45/58  
STA. 100+00 TO STA. 109+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. PR-29	SHEET NO. 90 of 373
CONTRACT IR-33051	PROJECT 0500445	

125

130

135

140

SEC. 35, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

SEC. 36, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

CURVE DATA  
P.I. STA. 132+59.22 "PR-US 231"  
 $\Delta = 2^{\circ}30'00"$  RT.  
D =  $0^{\circ}29'54"$   
R = 11500.00'  
T = 250.93'  
L = 501.78'  
E = 2.74'  
DS = 60 MPH  
e = NC

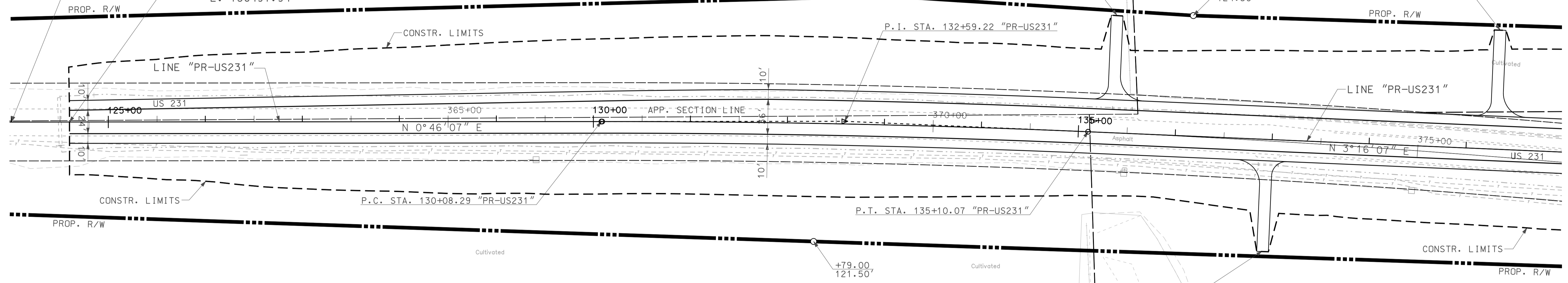
BEGIN CONSTRUCTION  
PROJECT NO. 0500445  
STA. 124+60.00 "PR-US231"  
= P.O.T. STA. 361+09.75 "US 231-S"  
N: 435376.79  
E: 736491.94

WILLIAM KURT ROESSLER, ET UX

KENNETH L. TOON, ET AL

VERNON WAGGONER, ET AL

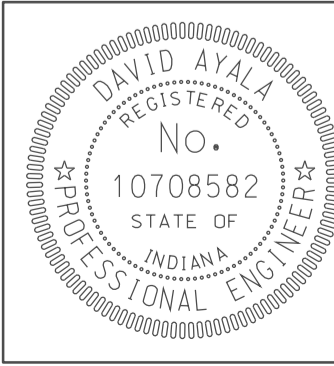
JOSEPH C. INMAN, ET AL



R/W CALLOUTS REFERENCE LCRS ALIGNMENT LINE "US 231 S" UNLESS OTHERWISE NOTED.

ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO RECORDED LOCATION CONTROL SURVEY ALIGNMENT

- LEGEND
- BUILDING REMOVAL
  - ENVIRONMENTAL RESTRICTION
  - BEGIN L.A. R/W
  - END L.A. R/W
  - REMOVE EXISTING ROADWAY



RECOMMENDED FOR APPROVAL: *[Signature]* 5/5/10  
DESIGN ENGINEER DATE

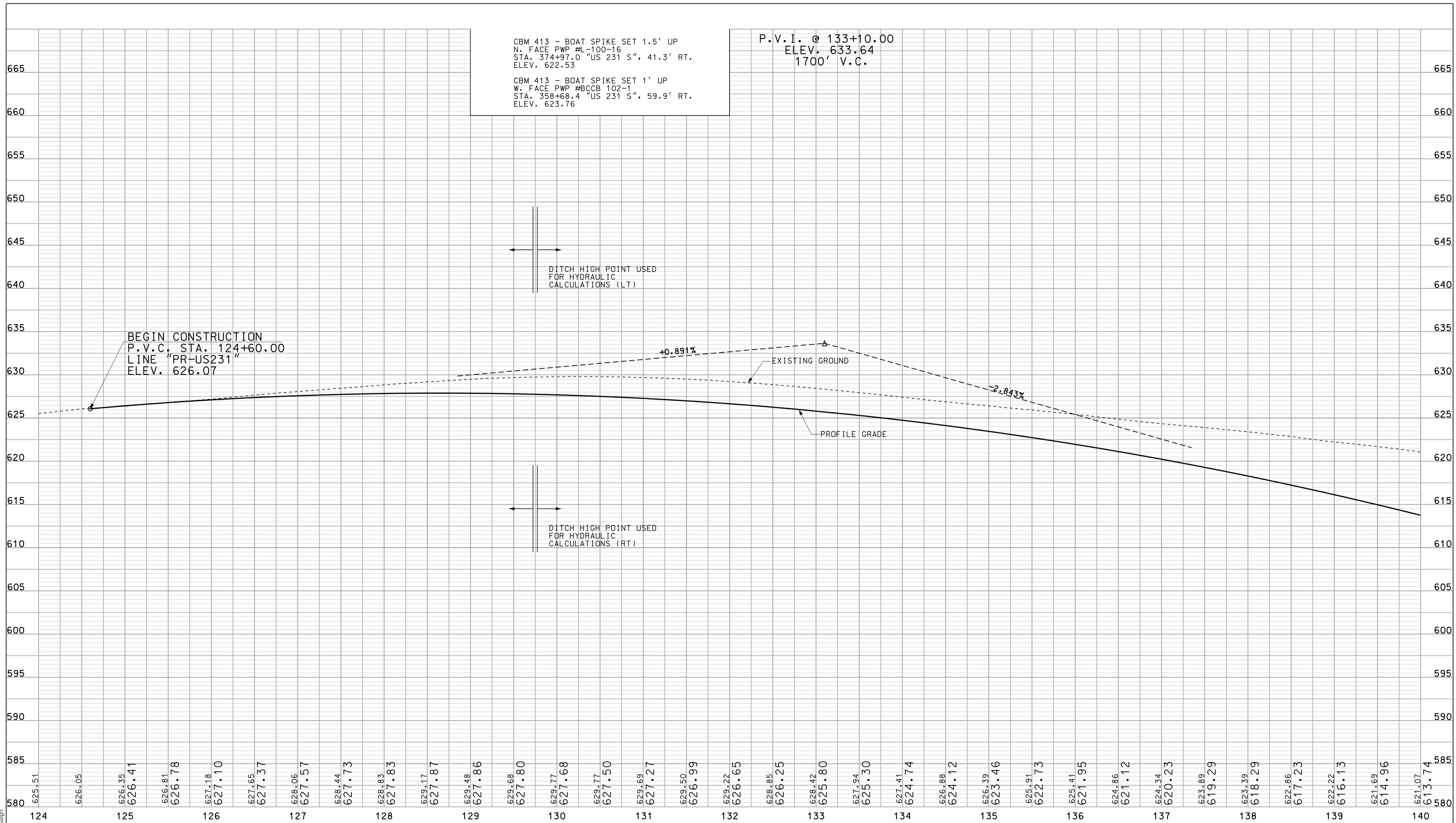
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CHECKED: NOH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION

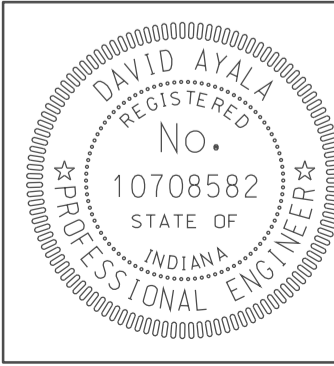
PLAN SHEET  
US 231  
STA. 124+60 TO STA. 140+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION 0500445	
SURVEY BOOK IR-33051	DWG. NO. PN-30	SHEET NO. 91 of 373
PROJECT	PROJECT 0500445	

10/3/08 10:38 IP: P:\P\10025\ASEG\3030.dgn



10-39  
 10/23/10  
 10-39  
 10-39



RECOMMENDED FOR APPROVAL	<i>Rem J</i>		5/5/10
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 PROFILE SHEET  
 US 231  
 STA. 124+60 TO STA. 140+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
1" = 10'	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	PR-30	92 of 373
	PROJECT	
	0500445	

140

145

150

155

SEC. 35, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

KENNETH L. TOON, ET AL

JOSEPH C. INMAN, ET AL

JOSEPH C. INMAN, ET AL

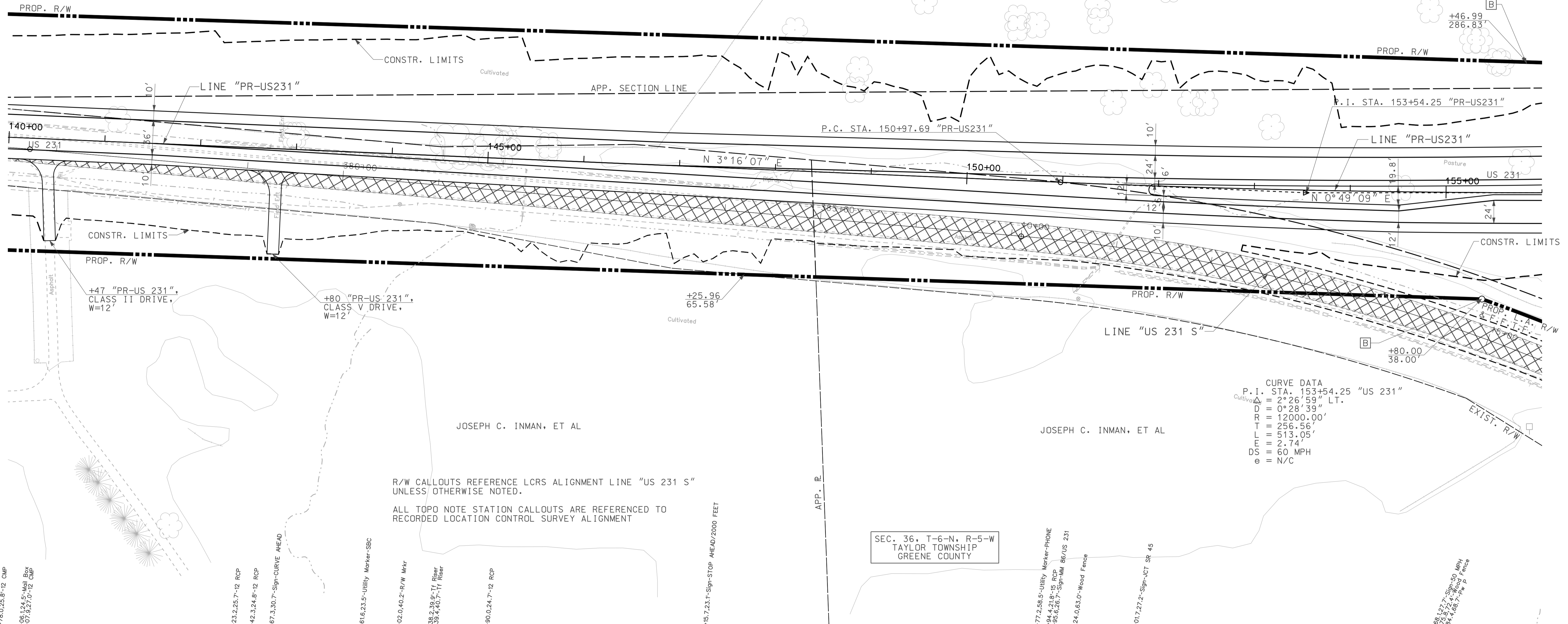
SEC. 36, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

CURVE DATA  
 P.I. STA. 153+54.25 "US 231"  
 Cultiva Δ = 2°26'59" LT.  
 D = 0°28'39" LT.  
 R = 12000.00'  
 T = 256.56'  
 L = 513.05'  
 E = 2.74'  
 DS = 60 MPH  
 e = N/C

R/W CALLOUTS REFERENCE LCRS ALIGNMENT LINE "US 231 S" UNLESS OTHERWISE NOTED.

ALL TOPD NOTE STATION CALLOUTS ARE REFERENCED TO RECORDED LOCATION CONTROL SURVEY ALIGNMENT

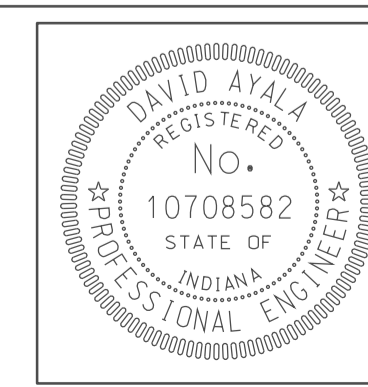
APP. R/W  
+15.7,23.1'-Sign-STOP AHEAD/2000 FEET



10/3/10  
IP: P:\P\10025\ASEG\3031.dgn

LEGEND

	BUILDING REMOVAL
	BEGIN L.A. R/W
	END L.A. R/W
	REMOVE EXISTING ROADWAY
	ENVIRONMENTAL RESTRICTION

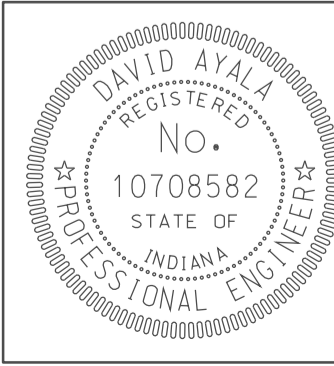
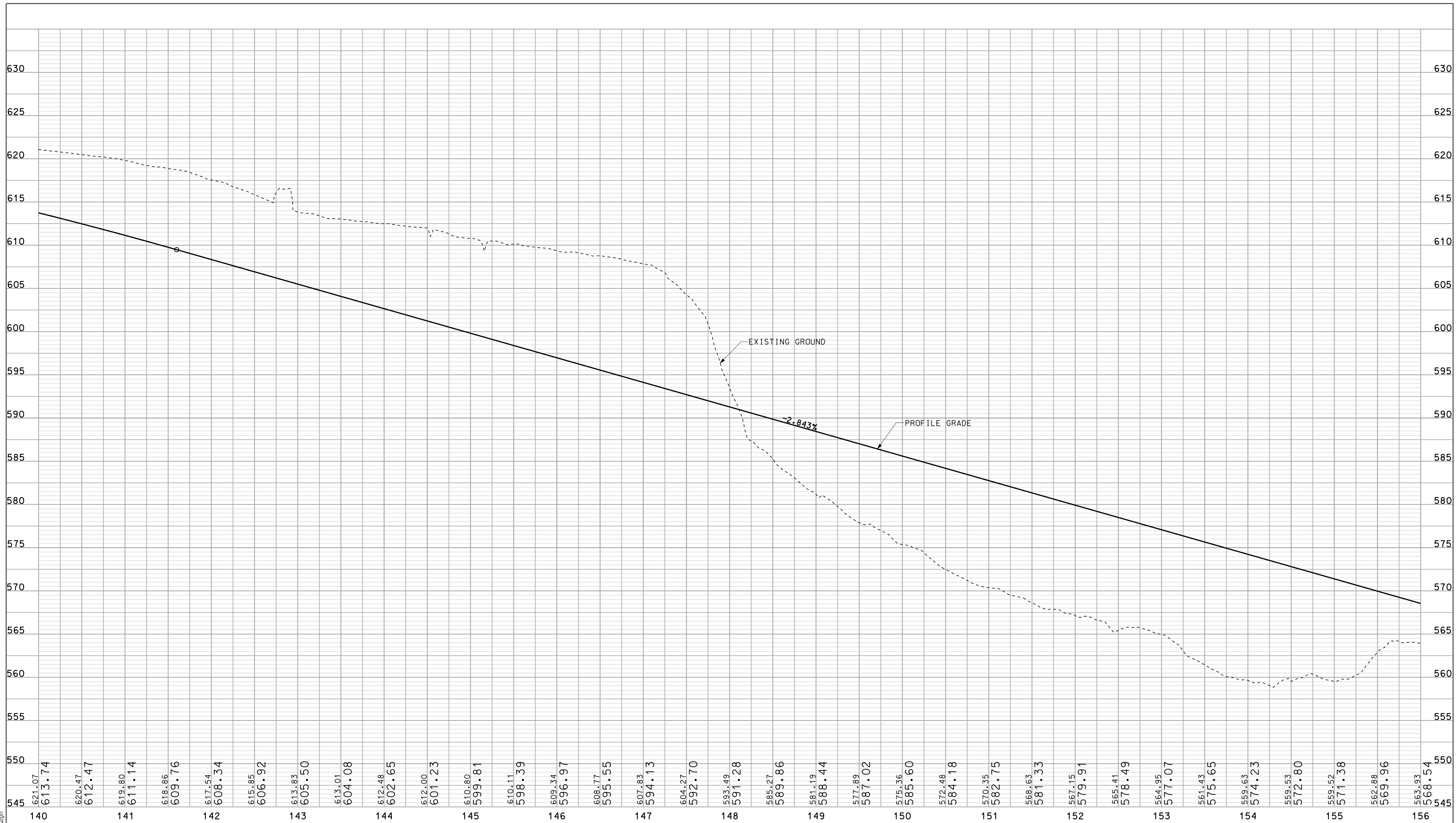


RECOMMENDED FOR APPROVAL	<i>com jo</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCs	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 PLAN SHEET  
 US 231  
 STA. 140+00 TO STA. 156+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	PN-31	93 of 373
CONTRACT	PROJECT	
	0500445	

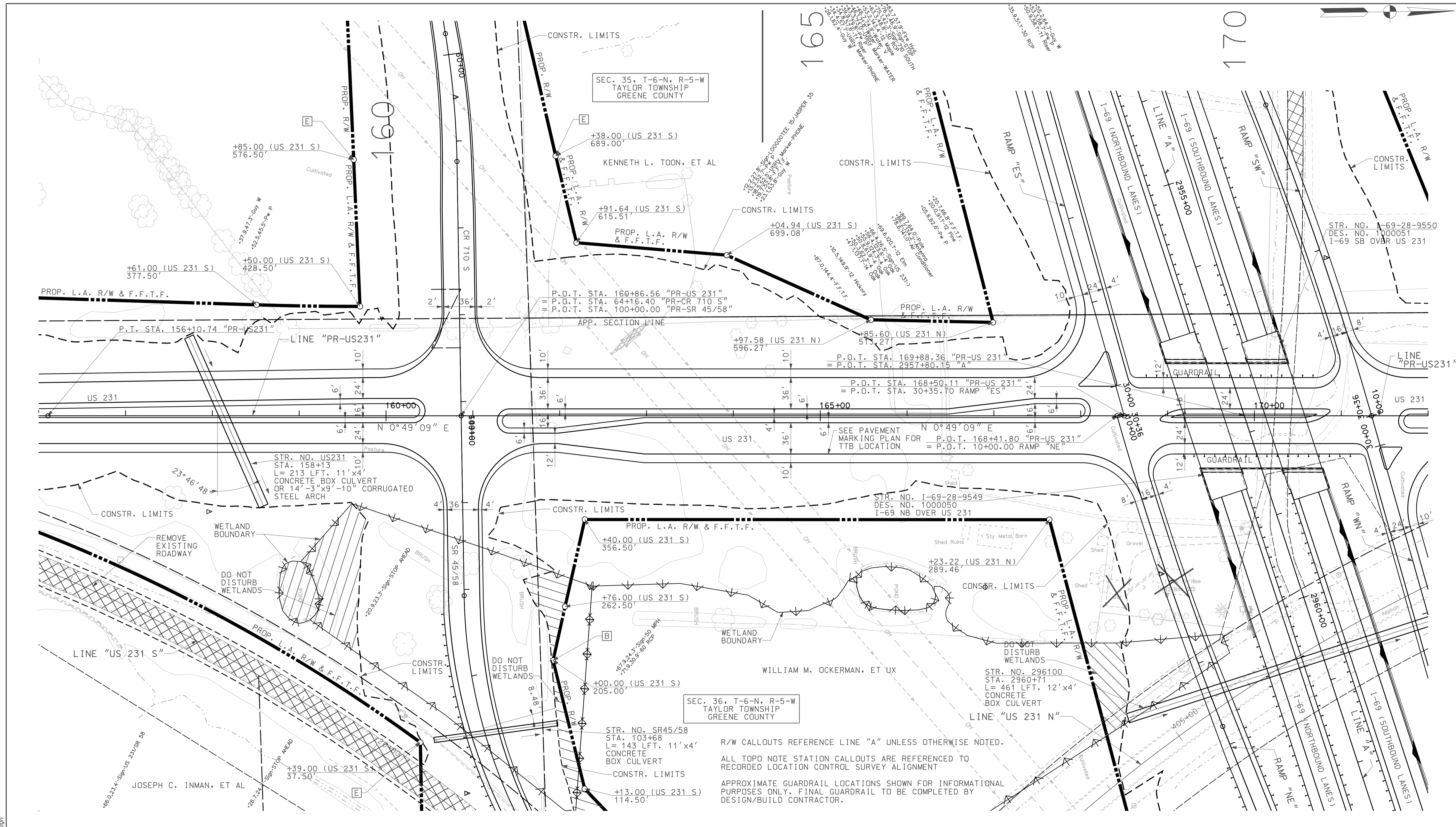
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RECOMMENDED FOR APPROVAL: *Rem Jo*  
 DESIGN ENGINEER DATE: 5/5/10  
 DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION  
 PROFILE SHEET  
 US 231  
 STA. 140+00 TO STA. 156+00

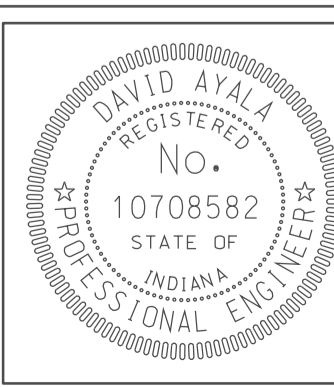
HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. PR-31	SHEET NO. 94 of 373
CONTRACT IR-33051	PROJECT 0500445	



**LEGEND**

	BUILDING REMOVAL
	ENVIRONMENTAL RESTRICTION
	BEGIN L.A. R/W
	END L.A. R/W
	REMOVE EXISTING ROADWAY

R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
 ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO RECORDED LOCATION CONTROL SURVEY ALIGNMENT  
 APPROXIMATE GUARDRAIL LOCATIONS SHOWN FOR INFORMATIONAL PURPOSES ONLY. FINAL GUARDRAIL TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.



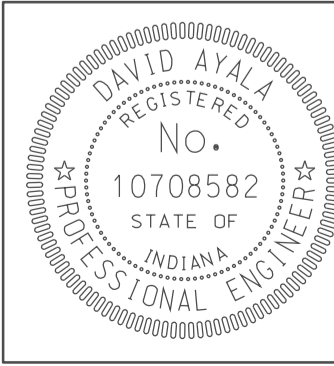
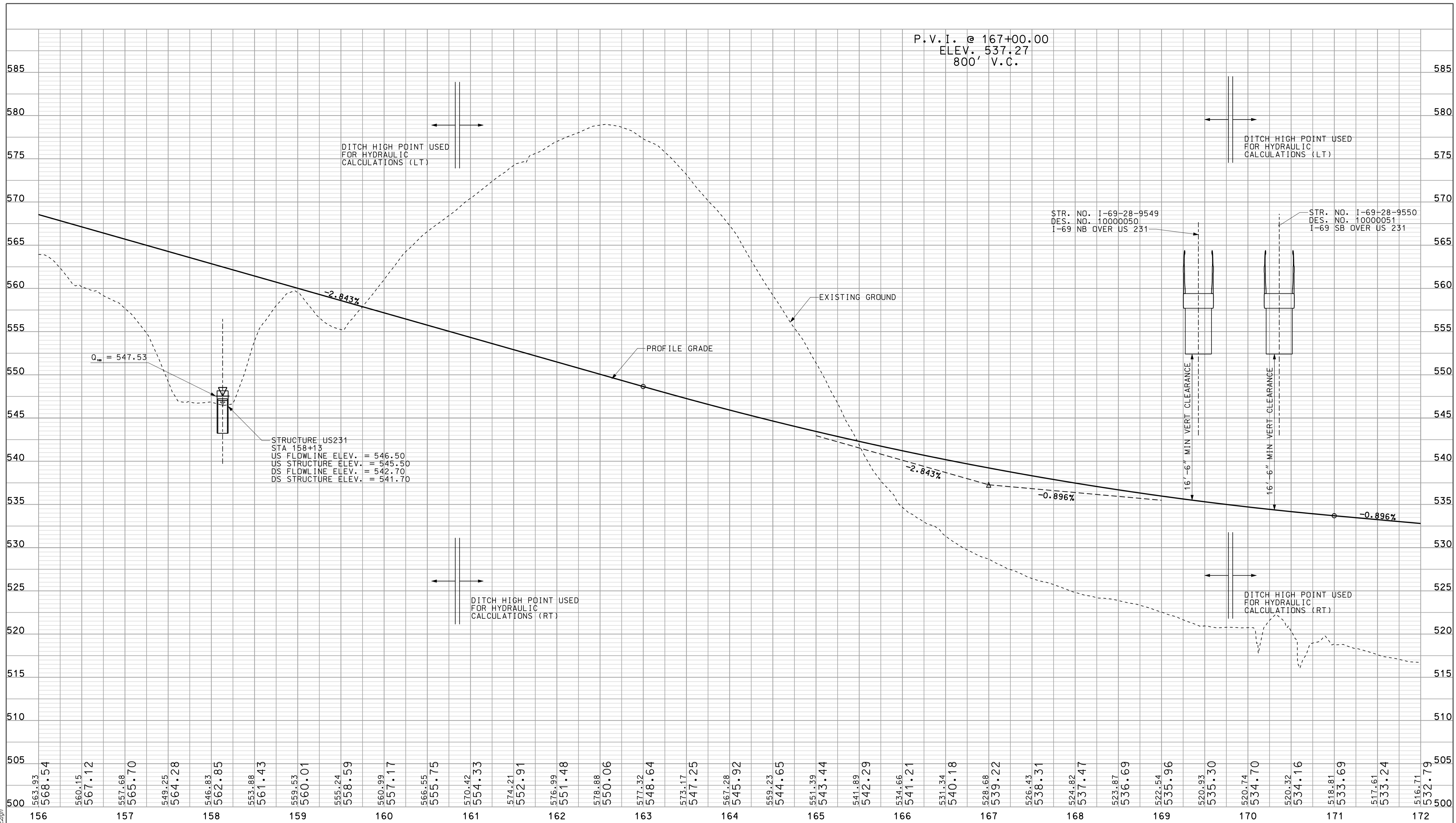
RECOMMENDED FOR APPROVAL	<i>com jo</i>	DESIGN ENGINEER	5/5/10	DATE
DESIGNED:	OCs	DRAWN:	DH	
CHECKED:	NOH	CHECKED:	DMA	

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 PLAN SHEET  
 US 231  
 STA. 156+00 TO STA. 172+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-32	95 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

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10/3/10  
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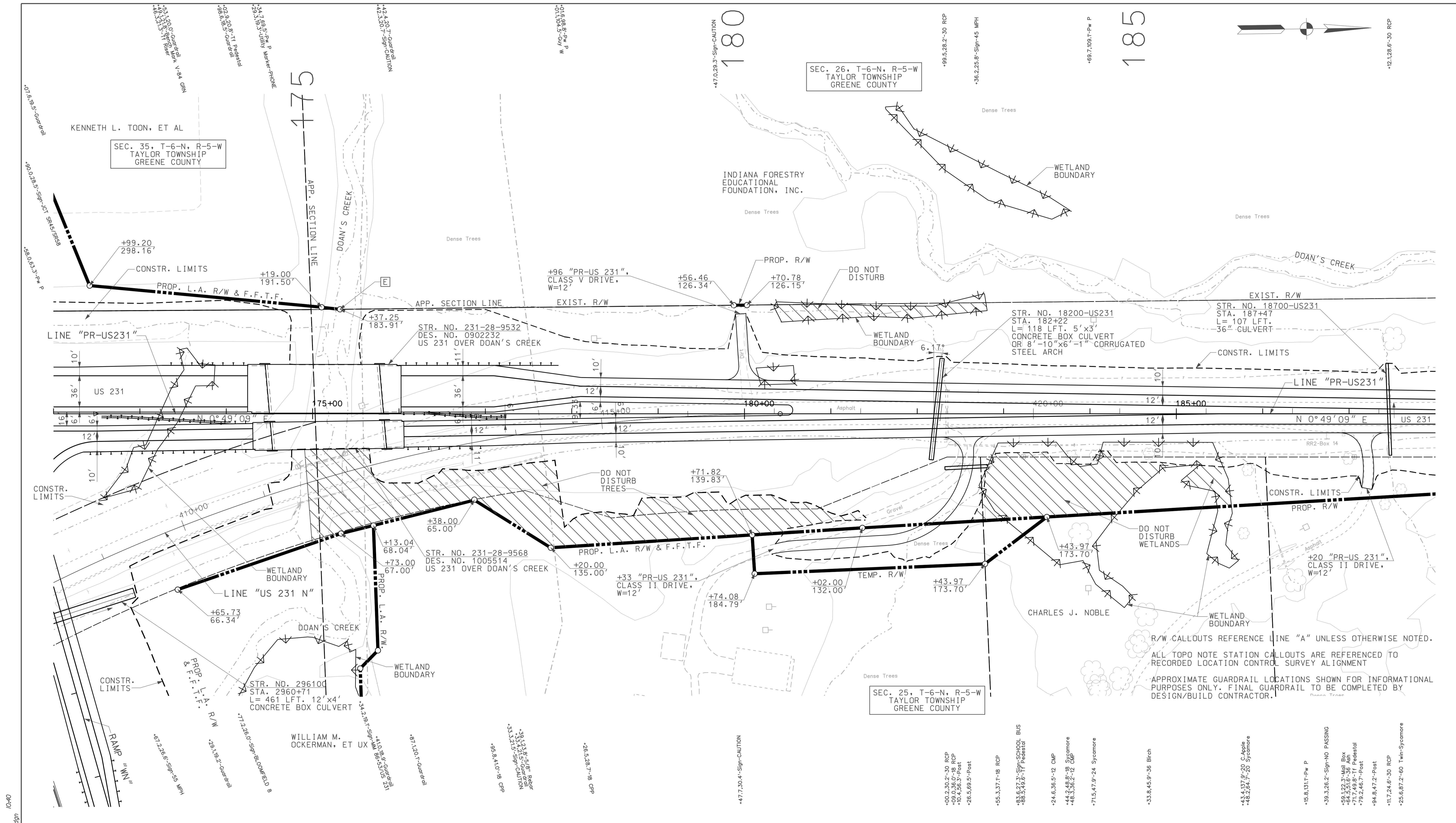
RECOMMENDED FOR APPROVAL *rem jg* 5/5/10  
 DESIGN ENGINEER DATE

DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 PROFILE SHEET  
 US 231  
 STA. 156+00 TO STA. 172+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. PR-32	SHEET NO. 96 of 373
CONTRACT IR-33051	PROJECT 0500445	

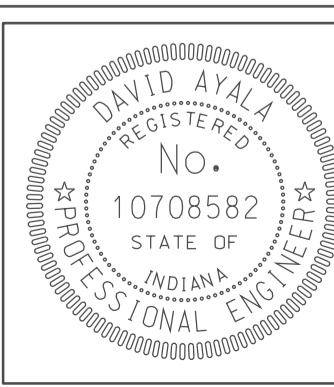




R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.  
 ALL TOPD NOTE STATION CALLOUTS ARE REFERENCED TO RECORDED LOCATION CONTROL SURVEY ALIGNMENT  
 APPROXIMATE GUARDRAIL LOCATIONS SHOWN FOR INFORMATIONAL PURPOSES ONLY. FINAL GUARDRAIL TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

**LEGEND**

	BUILDING REMOVAL
	BEGIN L.A. R/W
	END L.A. R/W
	REMOVE EXISTING ROADWAY
	ENVIRONMENTAL RESTRICTION

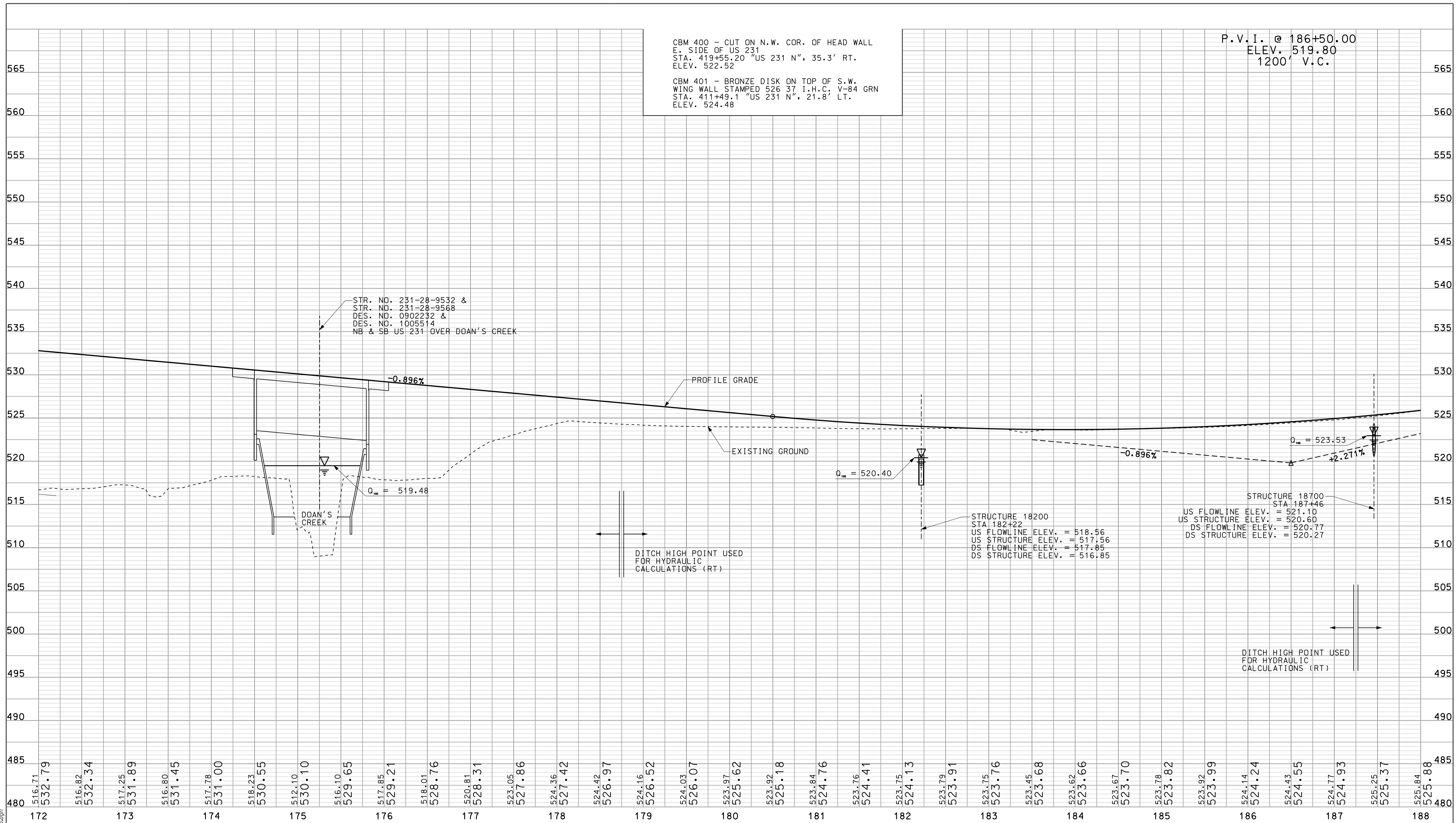


RECOMMENDED FOR APPROVAL	<i>com jo</i>	DESIGN ENGINEER	5/5/10	DATE
DESIGNED:	OCs	DRAWN:	DH	
CHECKED:	NOH	CHECKED:	DMA	

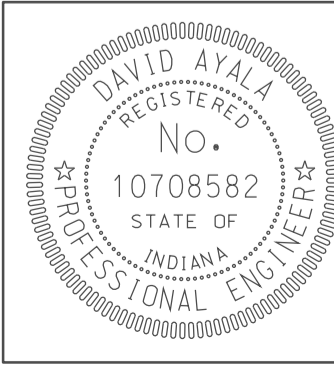
INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 PLAN SHEET  
 US 231  
 STA. 172+00 TO STA. 188+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-33	97 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

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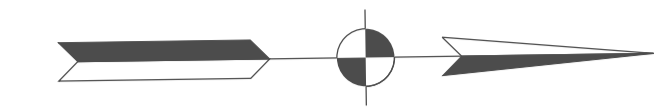
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RECOMMENDED FOR APPROVAL  
 DESIGN ENGINEER: *David Ayala*  
 DATE: 5/5/10  
  
 DESIGNED: OCS  
 DRAWN: DH  
 CHECKED: NDH  
 CHECKED: DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 PROFILE SHEET  
 US 231  
 STA. 172+00 TO STA. 188+00

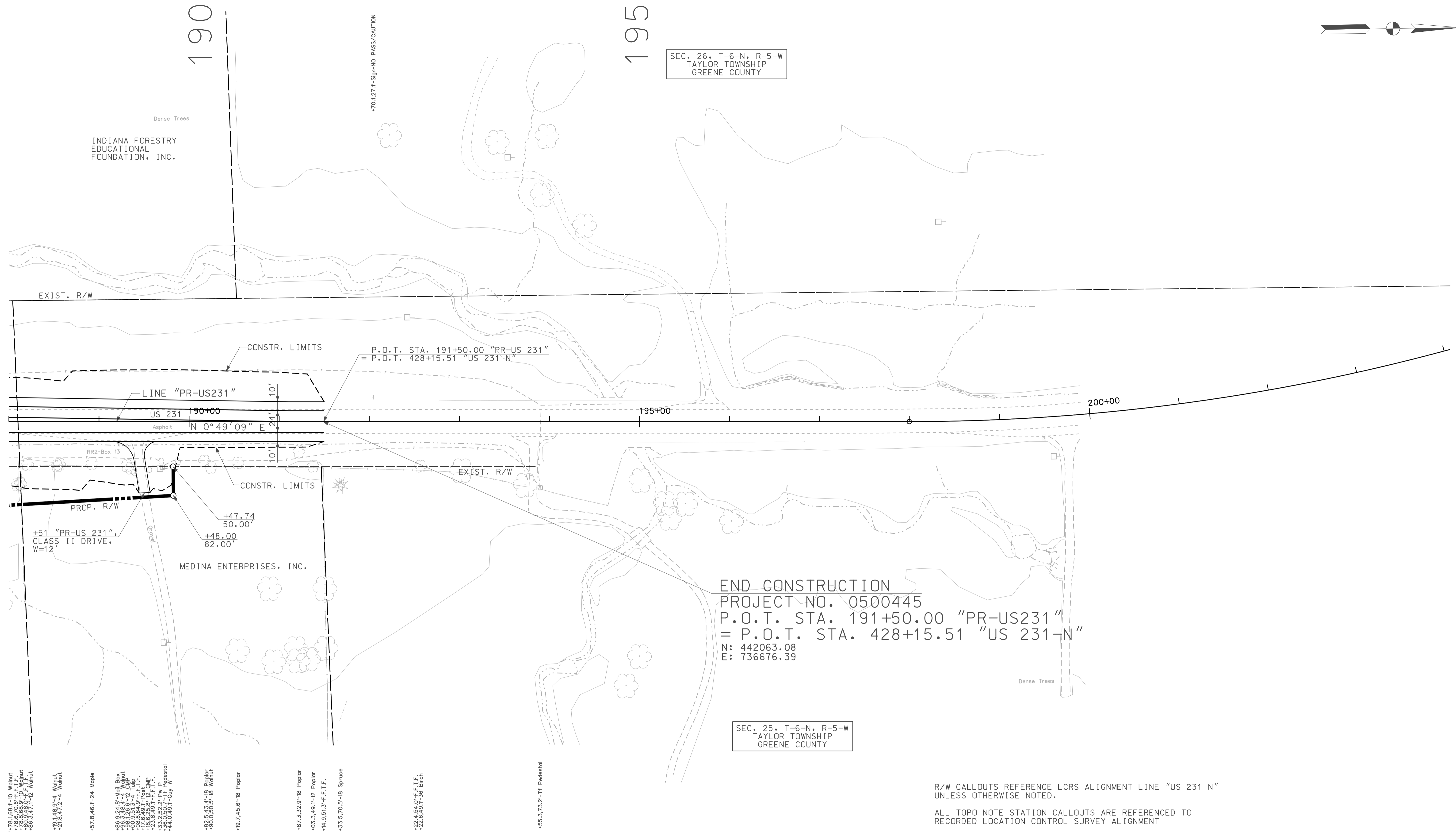
HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. PR-33	SHEET NO. 98 of 373
CONTRACT IR-33051	PROJECT 0500445	



SEC. 26, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

195

190



END CONSTRUCTION  
PROJECT NO. 0500445  
P.O.T. STA. 191+50.00 "PR-US231"  
= P.O.T. STA. 428+15.51 "US 231-N"  
N: 442063.08  
E: 736676.39

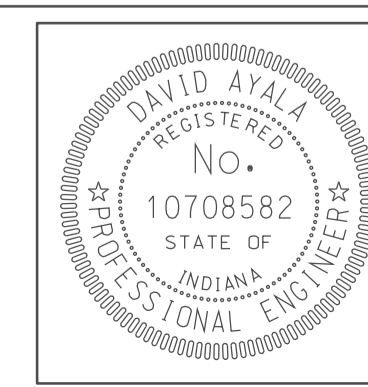
SEC. 25, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

R/W CALLOUTS REFERENCE LCRS ALIGNMENT LINE "US 231 N"  
UNLESS OTHERWISE NOTED.  
ALL TOPD NOTE STATION CALLOUTS ARE REFERENCED TO  
RECORDED LOCATION CONTROL SURVEY ALIGNMENT

- +78.168,1'-10" Walnut
- +78.670,6'-11" F.T.F.
- +66.948,9'-11" Walnut
- +86.347,7'-12" Walnut
- +19.146,9'-4" Walnut
- +21.847,7'-2" Walnut
- +57.846,1'-24" Maple
- +66.948,9'-11" Mail Box
- +88.126,6'-12" CMP
- +09.684,9'-4" F.T.F.
- +17.649,1'-15" Post
- +23.849,1'-11" F.T.F.
- +32.262,2'-11" Pedestal
- +44.049,1'-00" W Pedestal
- +86.055,5'-18" Poplar
- +86.055,5'-18" Walnut
- +19.745,6'-18" Poplar
- +87.332,9'-18" Poplar
- +03.349,1'-12" Poplar
- +14.951,3'-4" F.T.F.
- +33.570,5'-18" Spruce
- +22.448,0'-11" Birch
- +22.448,0'-11" Birch
- +55.373,2'-11" Pedestal

**LEGEND**

	BUILDING REMOVAL		ENVIRONMENTAL RESTRICTION
	BEGIN L.A. R/W		
	END L.A. R/W		
	REMOVE EXISTING ROADWAY		



RECOMMENDED FOR APPROVAL	<i>David Ayala</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

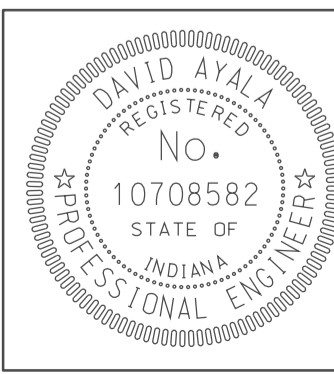
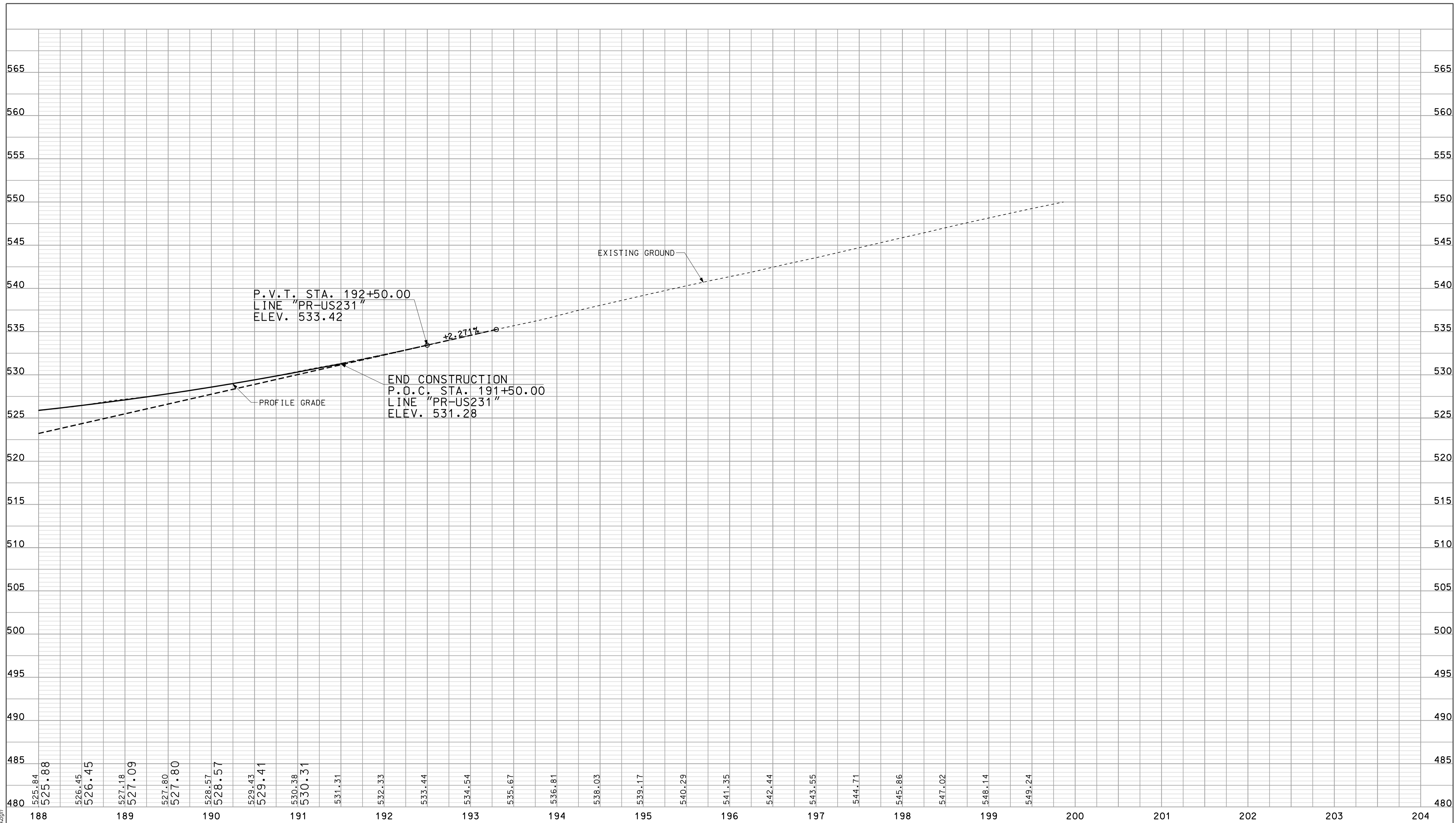
INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN SHEET  
US 231  
STA. 188+00 TO STA. 191+50

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-34	99 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

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1/10/2010  
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 10/4/10  
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RECOMMENDED FOR APPROVAL *DM* 5/5/10  
 DESIGN ENGINEER DATE  
 DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION  
 PROFILE SHEET  
 US 231  
 STA. 188+00 TO STA. 191+50

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK IR-33051	DWG. NO. PR-34	SHEET NO. 100 of 373
	PROJECT 0500445	

50

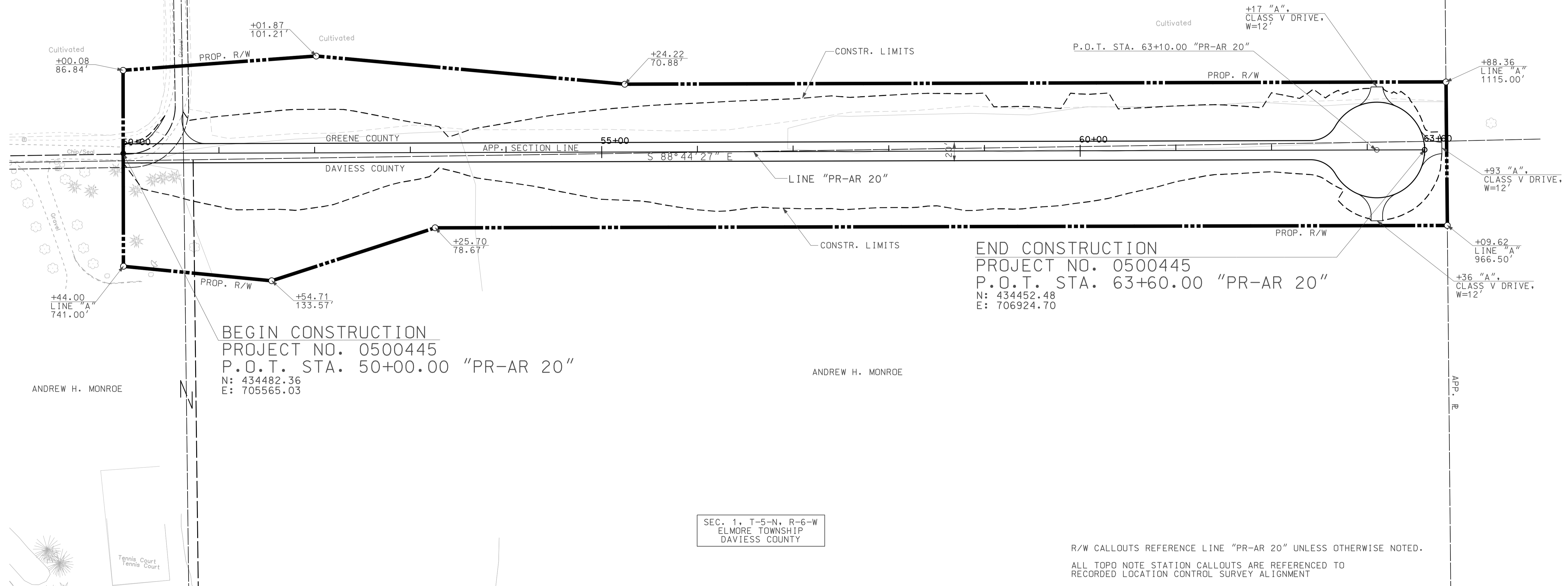
55

60

SEC. 36, T-6-N, R-6-W  
CASS TOWNSHIP  
GREENE COUNTY

AMOS K. MUSSELMAN, ET UX

MARTHA ANN WESTNER & MAX  
D. WESNER, CO-TRUSTEES



BEGIN CONSTRUCTION  
 PROJECT NO. 0500445  
 P.O.T. STA. 50+00.00 "PR-AR 20"  
 N: 434482.36  
 E: 705565.03

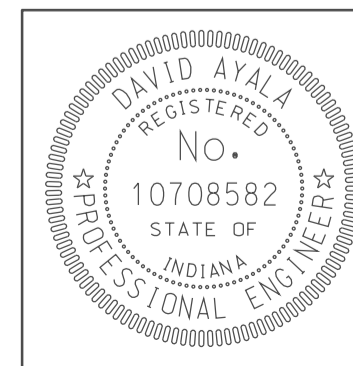
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 PROJECT NO. 0500445  
 P.O.T. STA. 63+60.00 "PR-AR 20"  
 N: 434452.48  
 E: 706924.70

ANDREW H. MONROE

SEC. 1, T-5-N, R-6-W  
ELMORE TOWNSHIP  
DAVISS COUNTY

R/W CALLOUTS REFERENCE LINE "PR-AR 20" UNLESS OTHERWISE NOTED.  
 ALL TOPD NOTE STATION CALLOUTS ARE REFERENCED TO  
 RECORDED LOCATION CONTROL SURVEY ALIGNMENT

- LEGEND**
- BUILDING REMOVAL
  - ENVIRONMENTAL RESTRICTION
  - BEGIN L.A. R/W
  - END L.A. R/W
  - REMOVE EXISTING ROADWAY

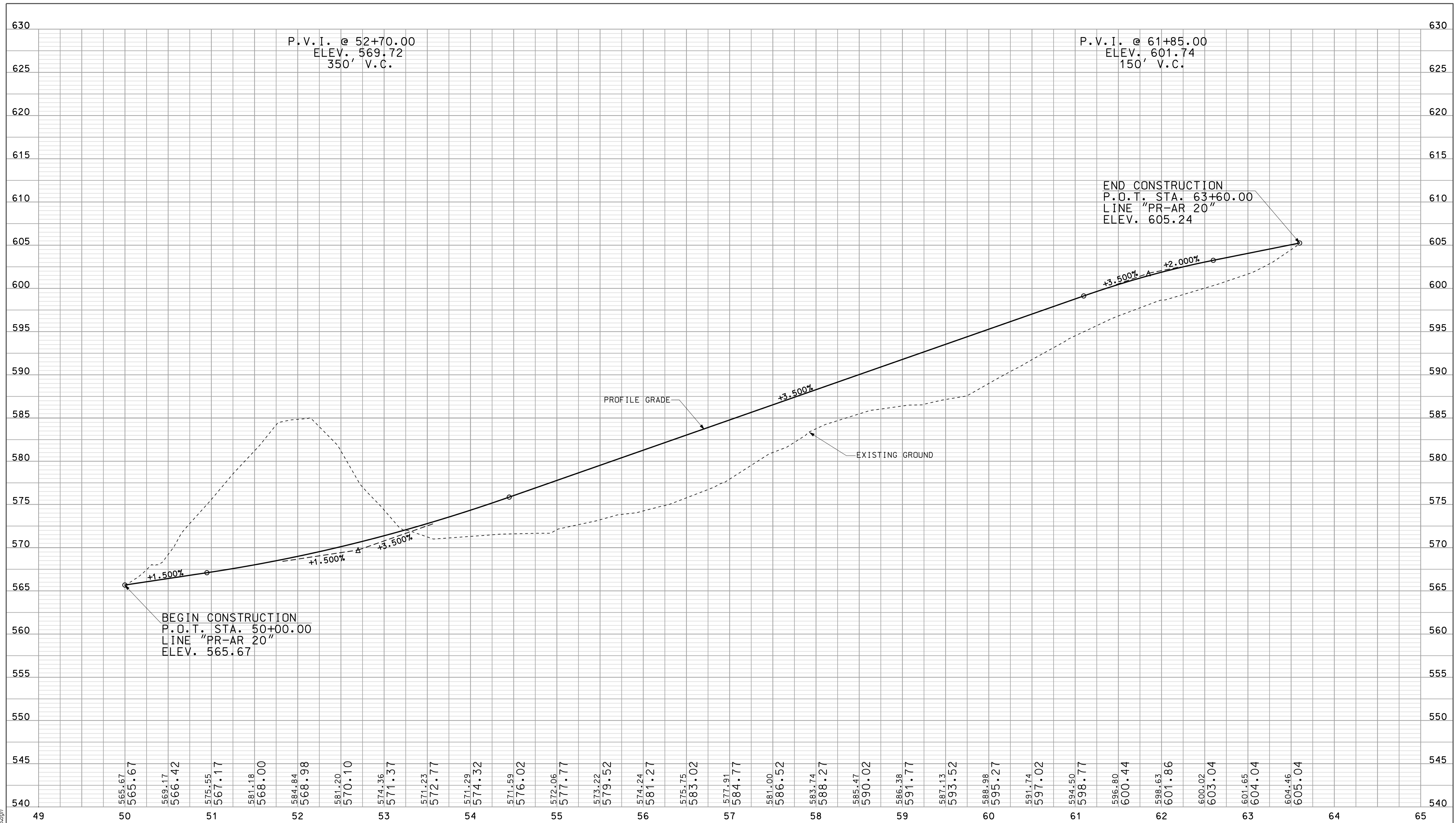


RECOMMENDED FOR APPROVAL	<i>em jg</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NDH	CHECKED:	DMA

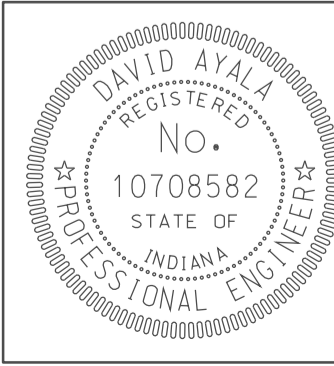
INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 PLAN SHEET  
 ACCESS ROAD 20  
 STA. 50+00 TO STA. 63+60

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-35	101 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

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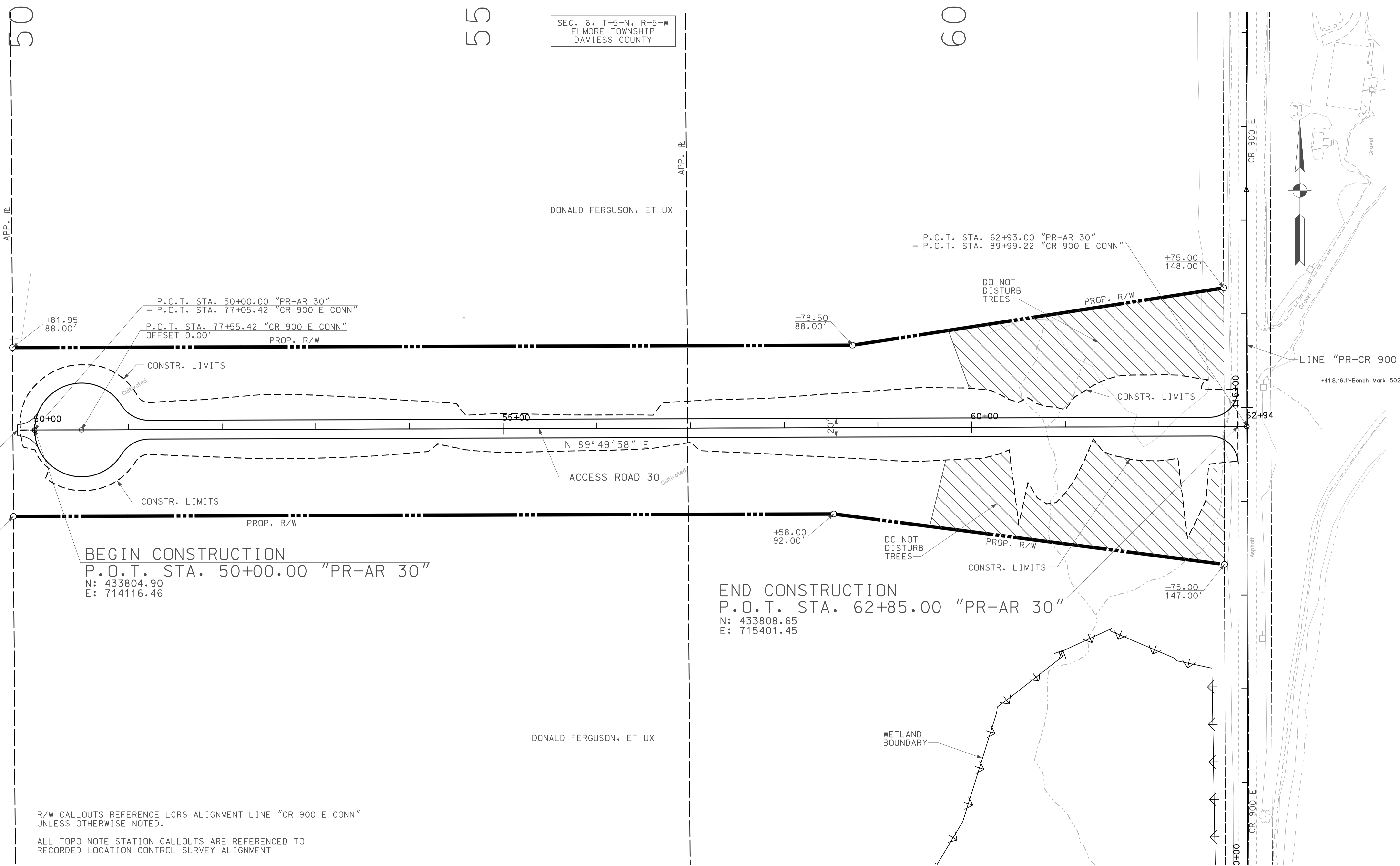
RECOMMENDED FOR APPROVAL *DM*  
 DESIGN ENGINEER DATE 5/5/10

DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION

PROFILE SHEET  
 ACCESS ROAD 20  
 STA. 50+00 TO STA. 63+60

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 5'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. PR-35	SHEET NO. 102 of 373
CONTRACT IR-33051	PROJECT 0500445	



SEC. 6, T-5-N, R-5-W  
ELMORE TOWNSHIP  
DAVISS COUNTY

DONALD FERGUSON, ET UX

DONALD FERGUSON, ET UX

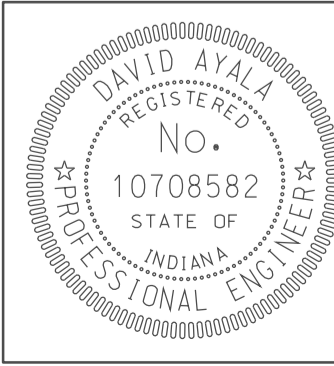
R/W CALLOUTS REFERENCE LCRS ALIGNMENT LINE "CR 900 E CONN"  
UNLESS OTHERWISE NOTED.  
ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO  
RECORDED LOCATION CONTROL SURVEY ALIGNMENT

BEGIN CONSTRUCTION  
P.O.T. STA. 50+00.00 "PR-AR 30"  
N: 433804.90  
E: 714116.46

END CONSTRUCTION  
P.O.T. STA. 62+85.00 "PR-AR 30"  
N: 433808.65  
E: 715401.45

**LEGEND**

	BUILDING REMOVAL		ENVIRONMENTAL RESTRICTION
	BEGIN L.A. R/W		
	END L.A. R/W		
	REMOVE EXISTING ROADWAY		



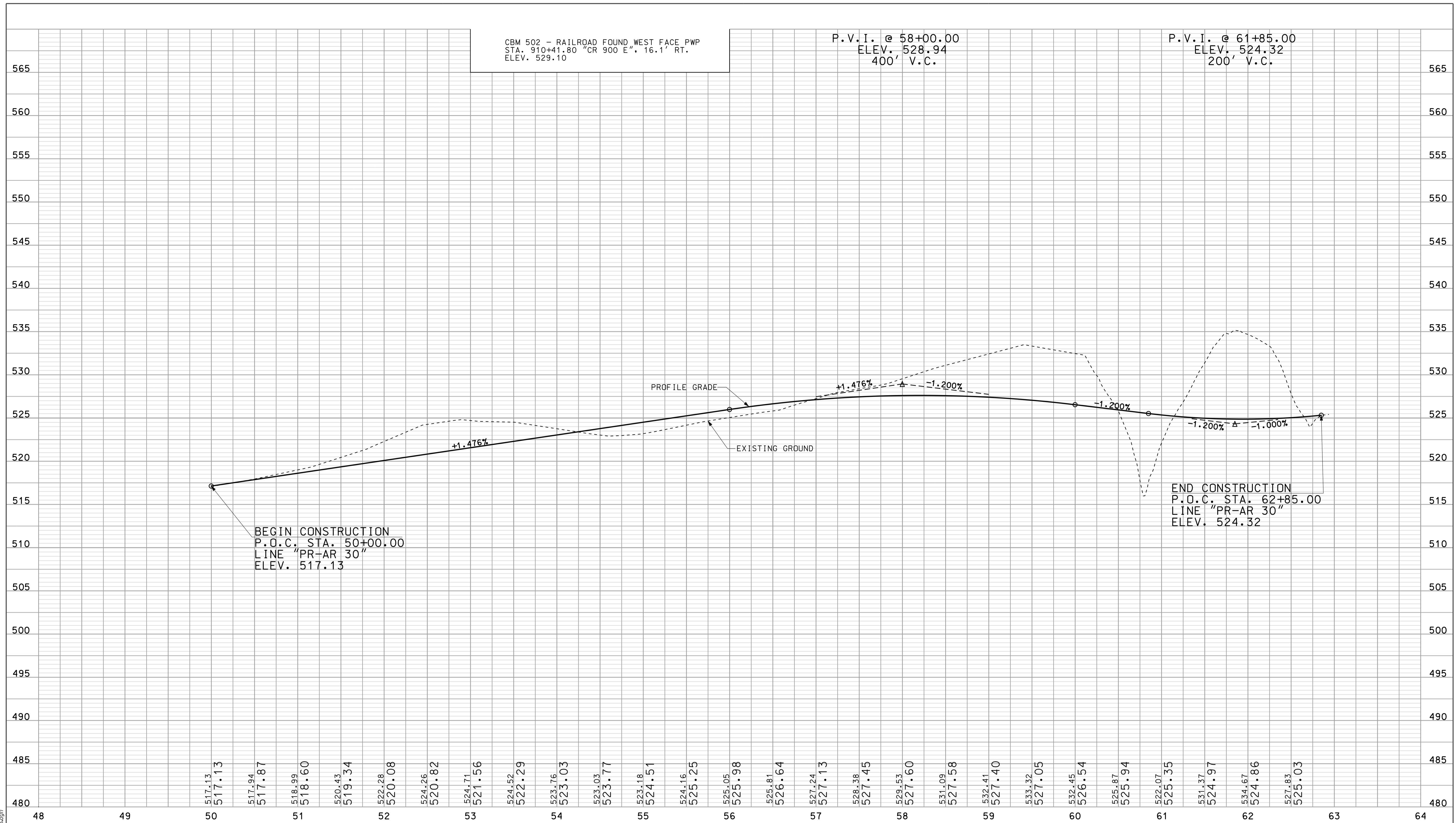
RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NDH	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION  
**PLAN SHEET**  
ACCESS ROAD 30  
STA. 50+00 TO STA. 62+85

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-36	103 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

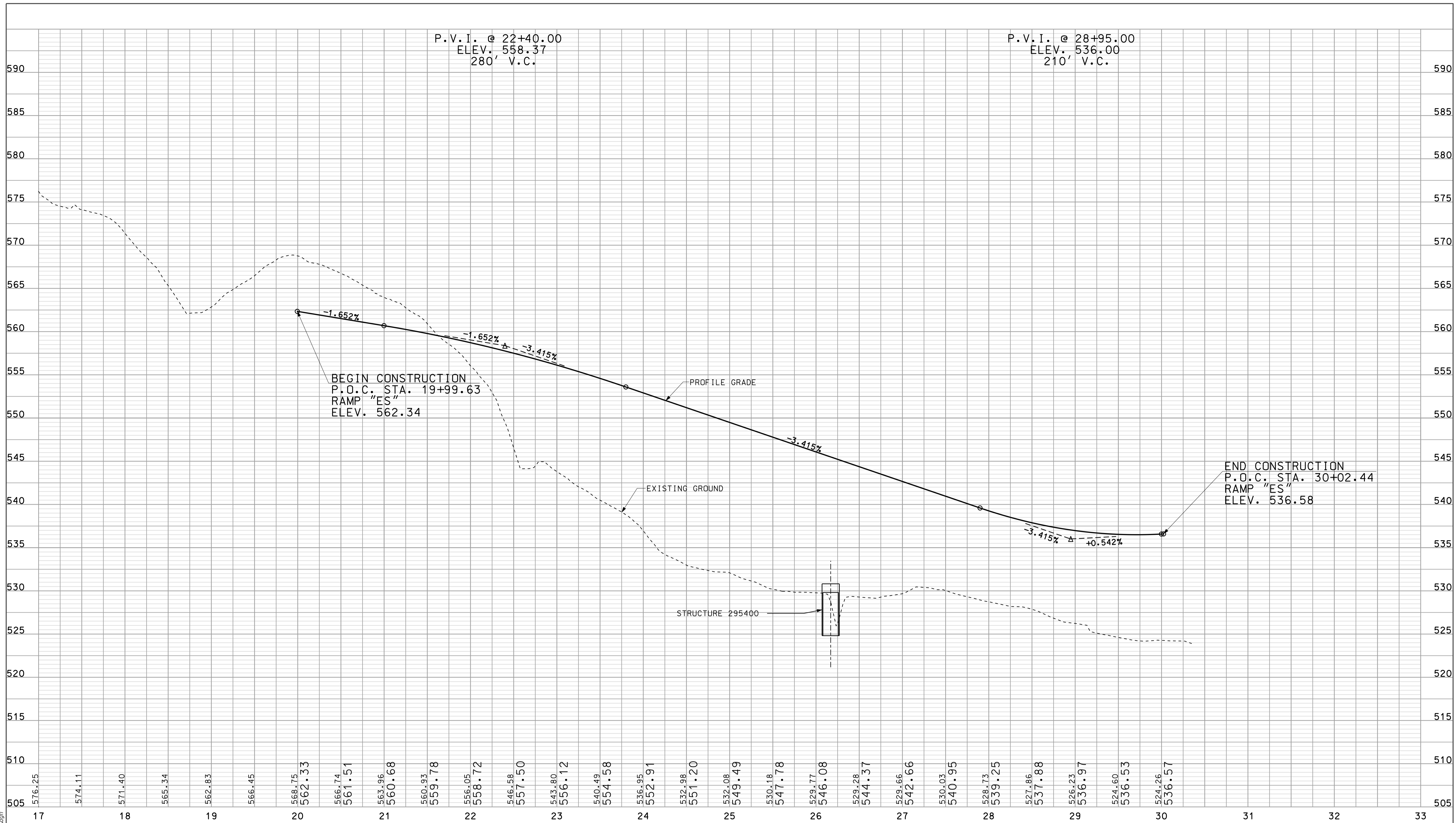
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10/25/2010

10-41  
 10/04/10  
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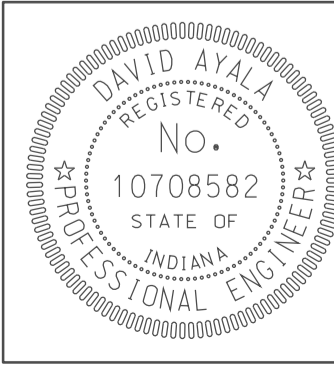


	RECOMMENDED FOR APPROVAL <i>David Ayala</i> DESIGN ENGINEER	5/5/10 DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 50' VERTICAL SCALE 1" = 10'	BRIDGE FILE DESIGNATION 0500445
	DESIGNED: OCS CHECKED: NDH	DRAWN: DH CHECKED: DMA	PROFILE SHEET ACCESS ROAD 30 STA. 50+00 TO STA. 62+85		SURVEY BOOK CONTRACT IR-33051	DWG. NO. PR-36 SHEET NO. 104 of 373 PROJECT 0500445





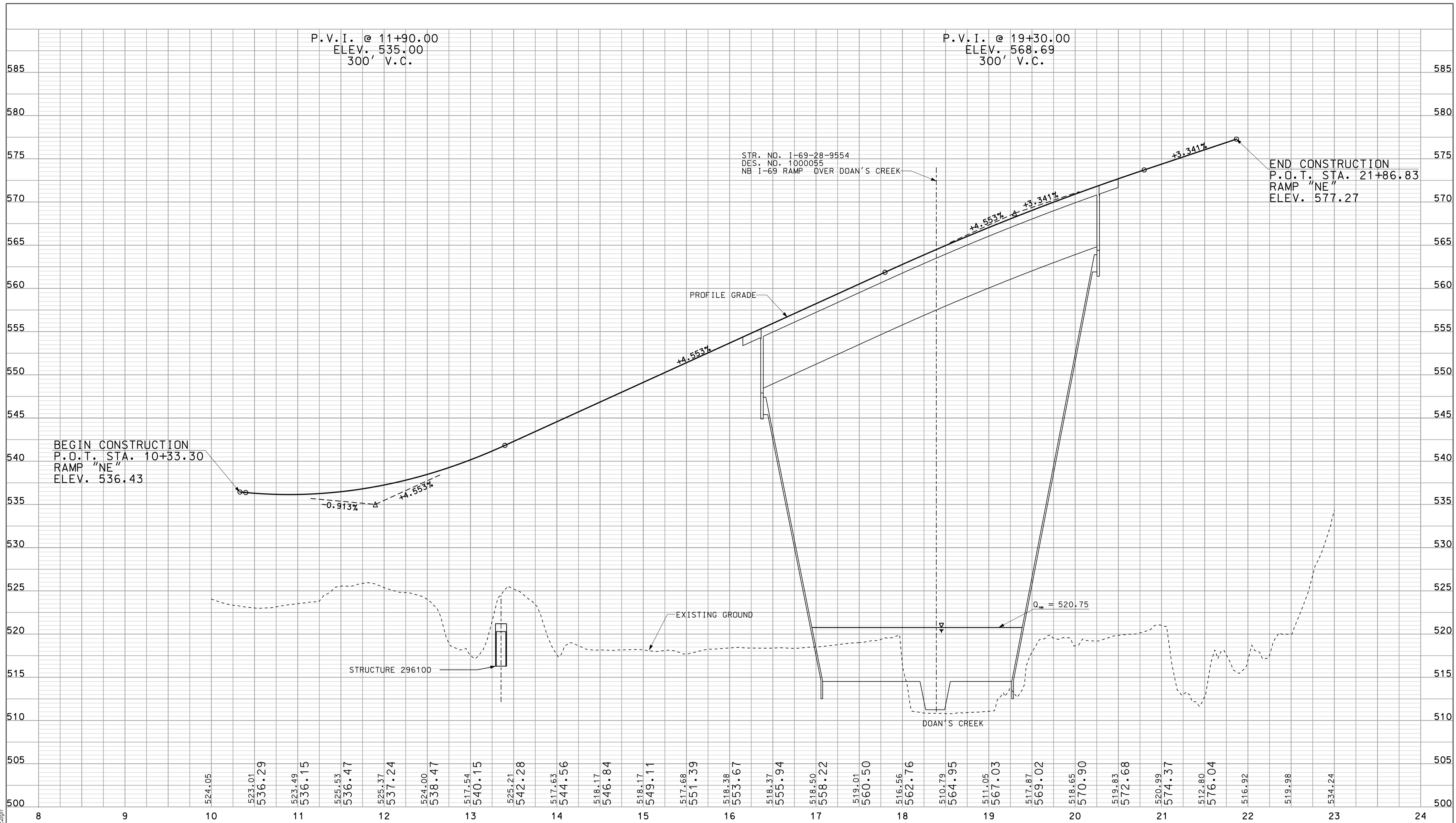
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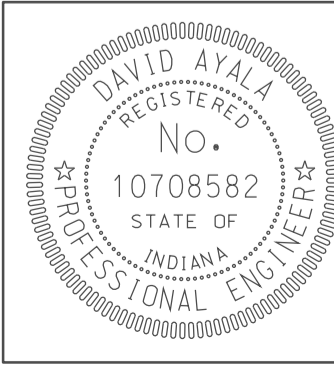
RECOMMENDED FOR APPROVAL *rem jg*  
 DESIGN ENGINEER DATE 5/5/10  
 DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 PROFILE SHEET  
 RAMP "ES"  
 STA. 19+99 TO STA. 30+07

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. RP-01	SHEET NO. 105 of 373
CONTRACT IR-33051	PROJECT 0500445	



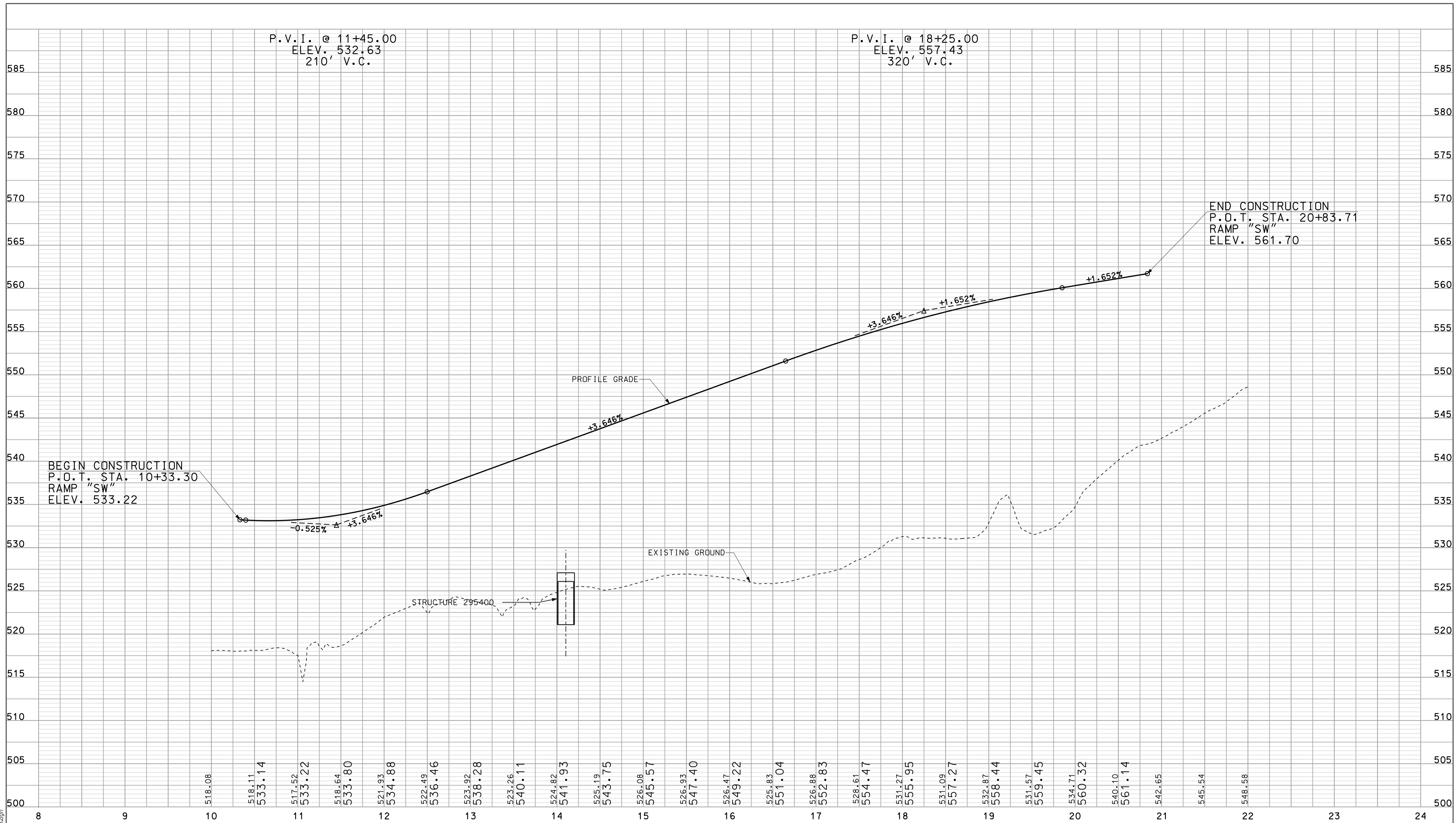
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 10/10/2010  
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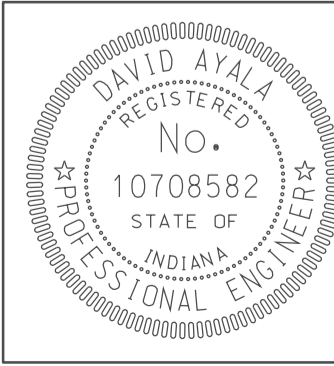
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 DESIGN ENGINEER DATE 5/5/10  
 DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION  
 PROFILE SHEET  
 RAMP "NE"  
 STA. 10+29 TO STA. 21+87

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. RP-02	SHEET NO. 106 of 373
CONTRACT IR-33051	PROJECT 0500445	



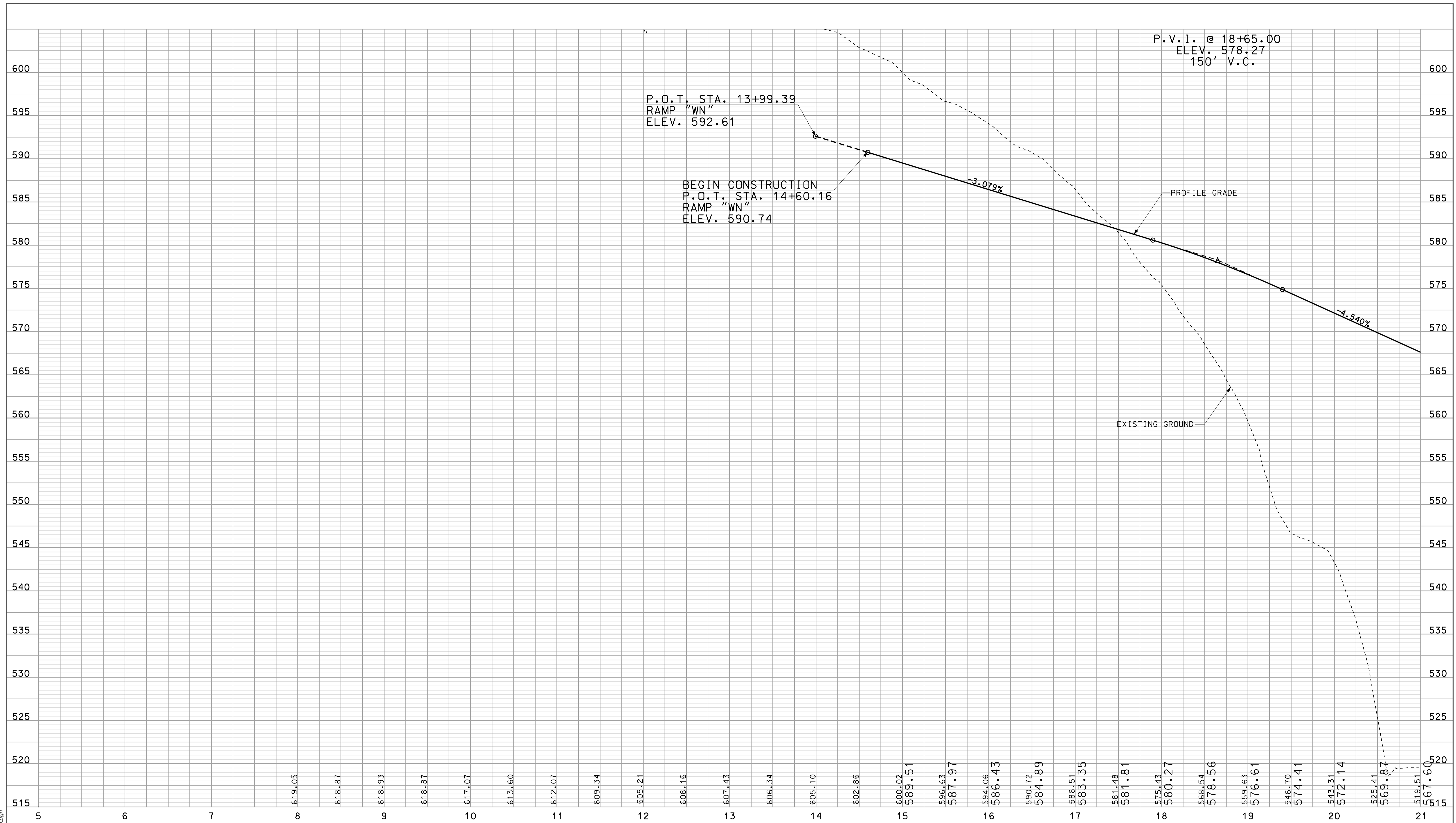
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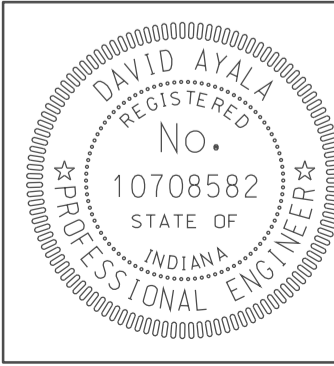
RECOMMENDED FOR APPROVAL: *DM*  
 DESIGN ENGINEER: *DM* DATE: 5/5/10  
 DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION  
 PROFILE SHEET  
 RAMP "SW"  
 STA. 10+29 TO STA. 20+84

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. RP-03	SHEET NO. 107 of 373
CONTRACT IR-33051	PROJECT 0500445	



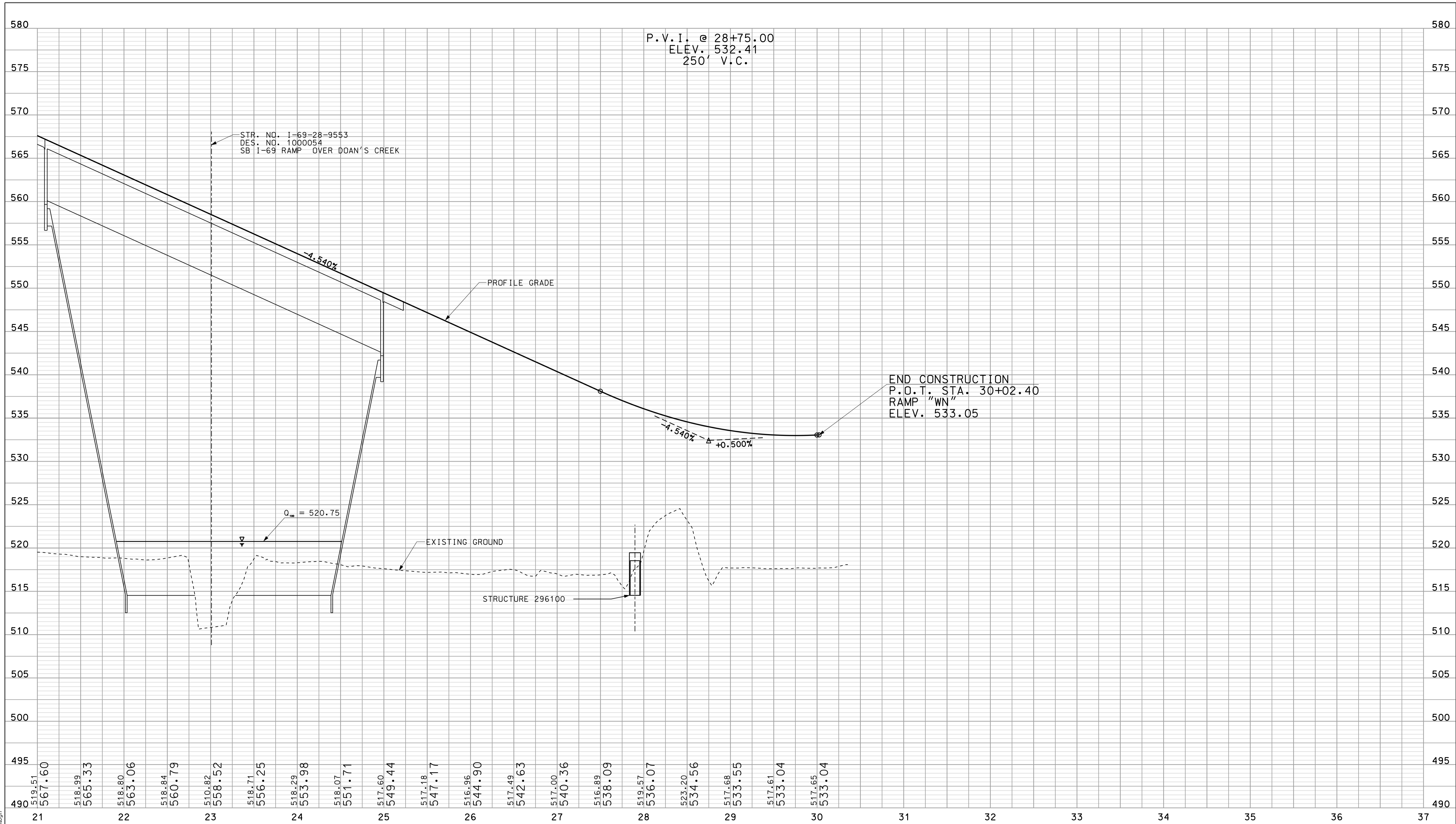
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 10/04/2010  
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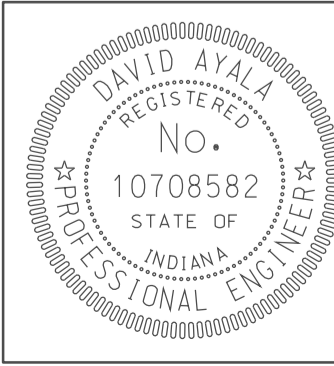
RECOMMENDED FOR APPROVAL *em jo* 5/5/10  
 DESIGN ENGINEER DATE  
 DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION  
 PROFILE SHEET  
 RAMP "WN"  
 STA. 13+99 TO STA. 21+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. RP-04	SHEET NO. 108 of 373
CONTRACT IR-33051	PROJECT 0500445	



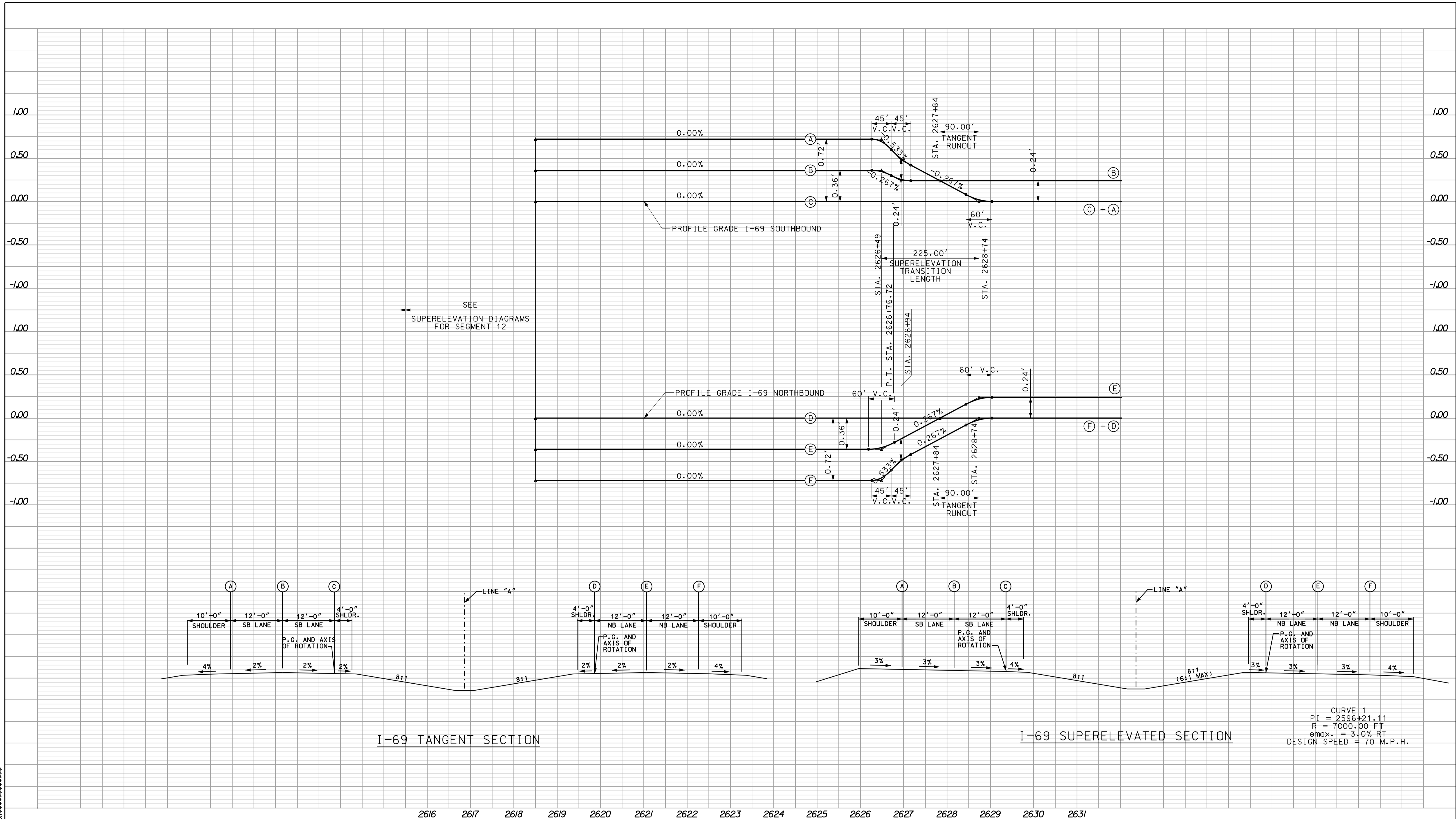
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RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
	DESIGN ENGINEER	DATE
DESIGNED: OCS	DRAWN: DH	
CHECKED: NDH	CHECKED: DMA	

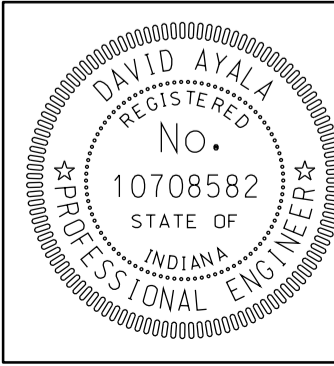
INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 PROFILE SHEET  
 RAMP "WN"  
 STA. 21+00 TO STA. 30+02

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. RP-05	SHEET NO. 109 of 373
CONTRACT IR-33051	PROJECT 0500445	



\*\*\*\*\*01042 \*\*\*\*\*  
 \*\*\*\*\*CONSOLIDATION\*\*\*\*\*  
 \*\*\*\*\*01042 \*\*\*\*\*

2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631



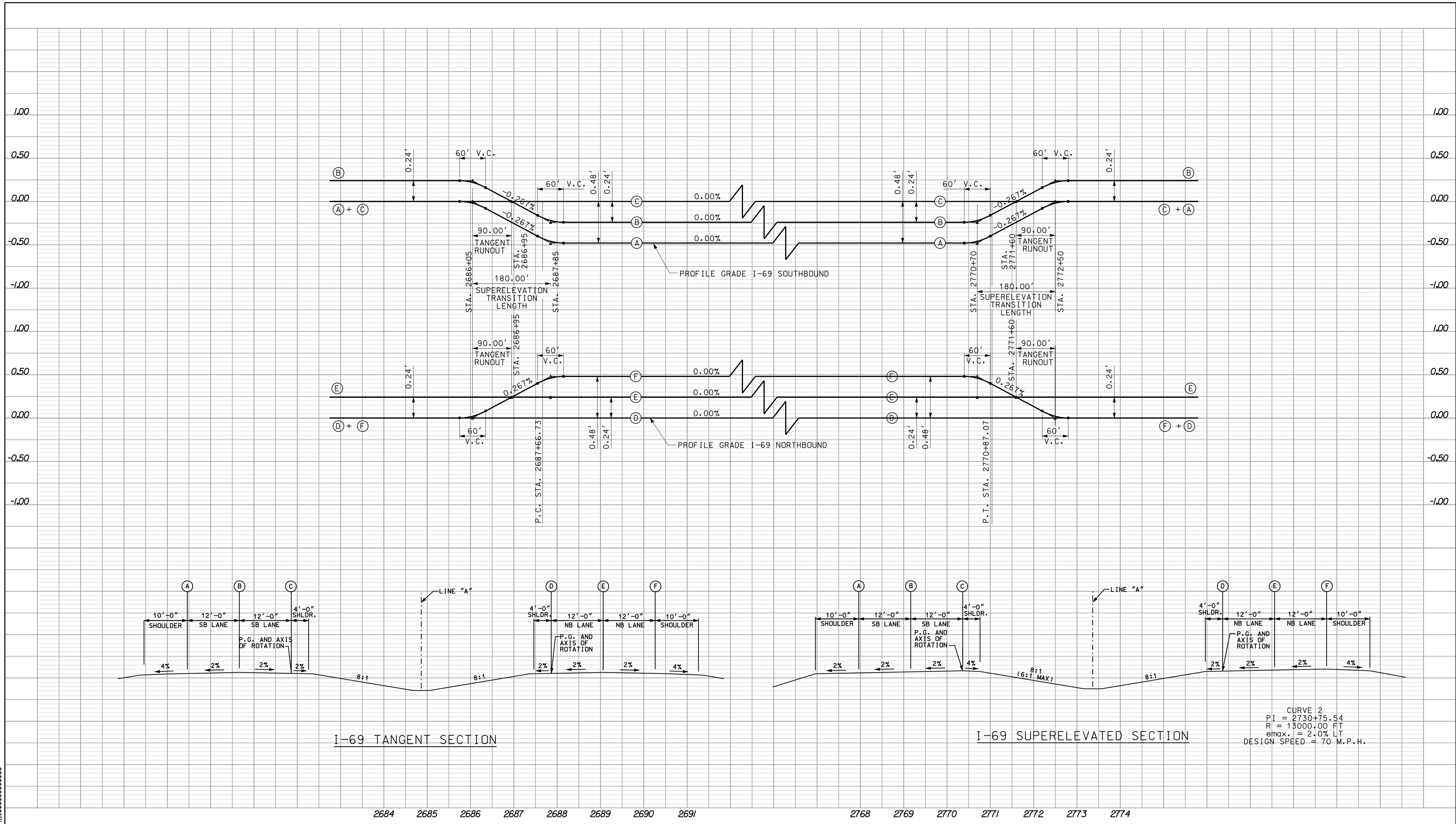
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 DESIGN ENGINEER DATE

DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

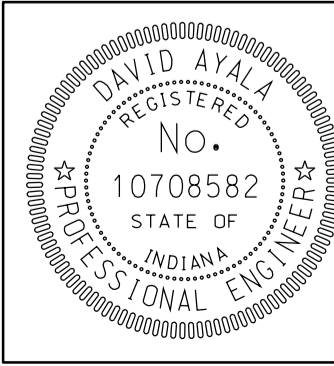
INDIANA DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DETAIL  
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 100'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT	IR-33051	SE-01 110 of 373
PROJECT	0500445	



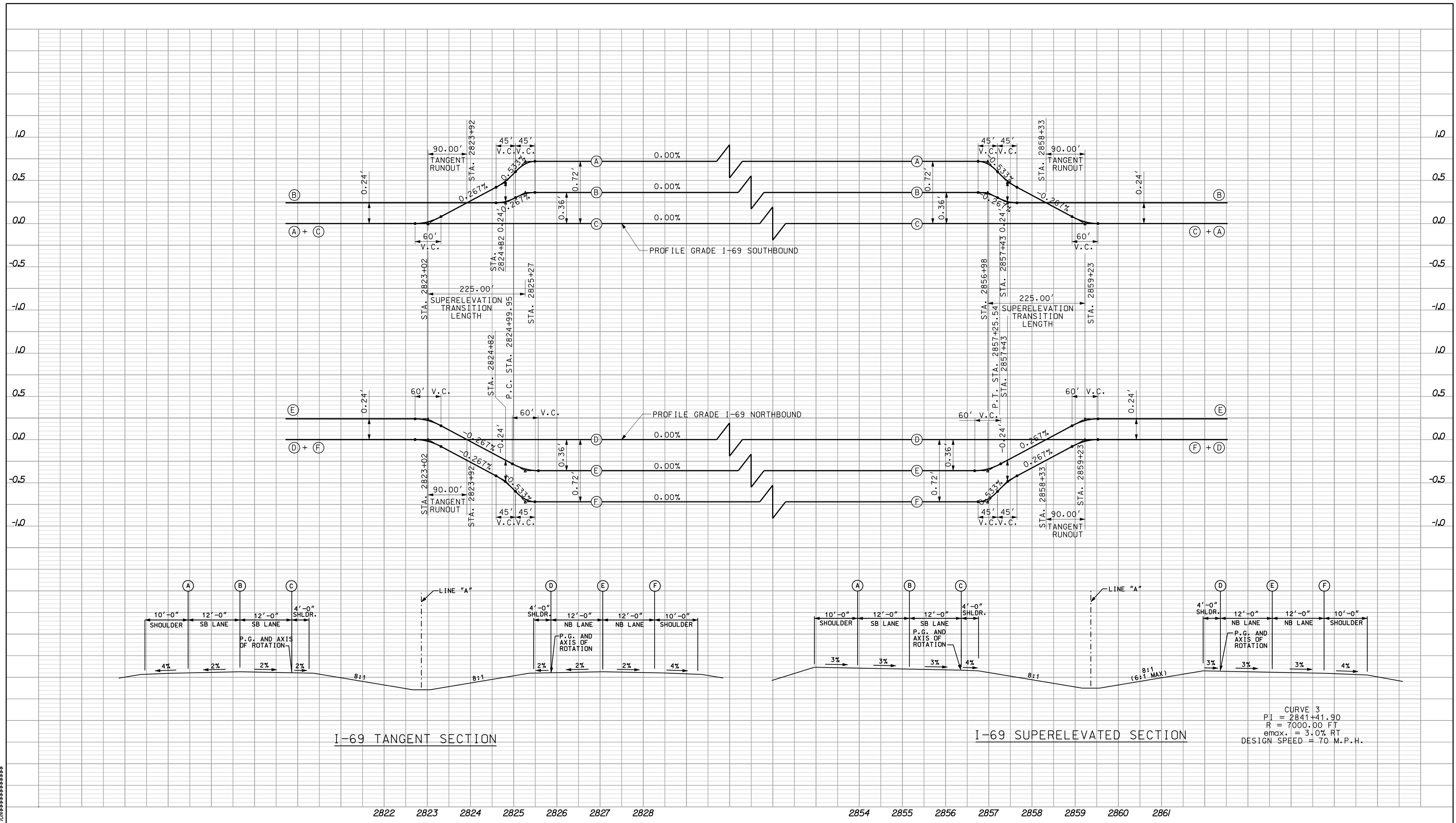
\*\*\*\*\*10-42  
 \*\*\*\*\*CONS/REGISTRATION\*\*\*\*\*



RECOMMENDED FOR APPROVAL *[Signature]* 5/5/10  
 DESIGN ENGINEER DATE  
 DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 SUPERELEVATION DETAIL  
 LINE "A"

HORIZONTAL SCALE 1" = 100'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 0500445
SURVEY BOOK	DWG. NO. SHEET NO. SE-02 111 of 373
CONTRACT IR-33051	PROJECT 0500445



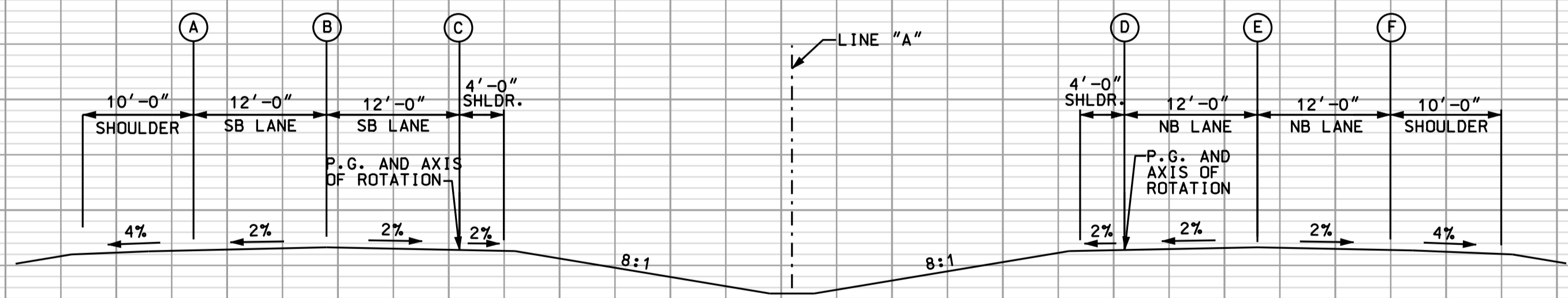
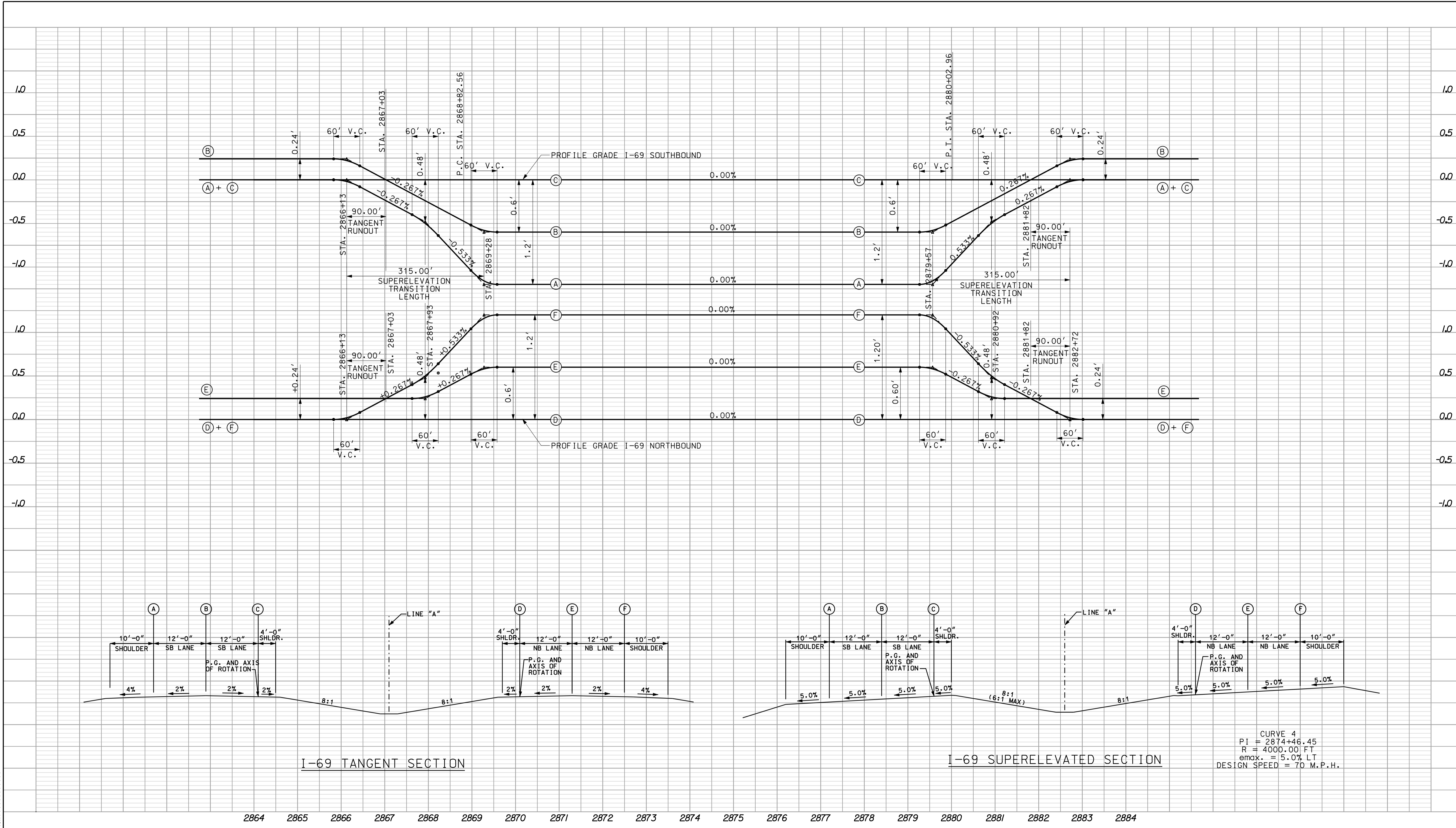
CURVE 3  
 PI = 2841+41.90  
 R = 7000.00 FT  
 e<sub>max.</sub> = 3.0% RT  
 DESIGN SPEED = 70 M.P.H.

\*\*\*\*\*05/27/10\*\*\*\*\*  
 \*\*\*\*\*10/42\*\*\*\*\*  
 \*\*\*\*\*CONSOLIDATION\*\*\*\*\*  
 \*\*\*\*\*05/27/10\*\*\*\*\*

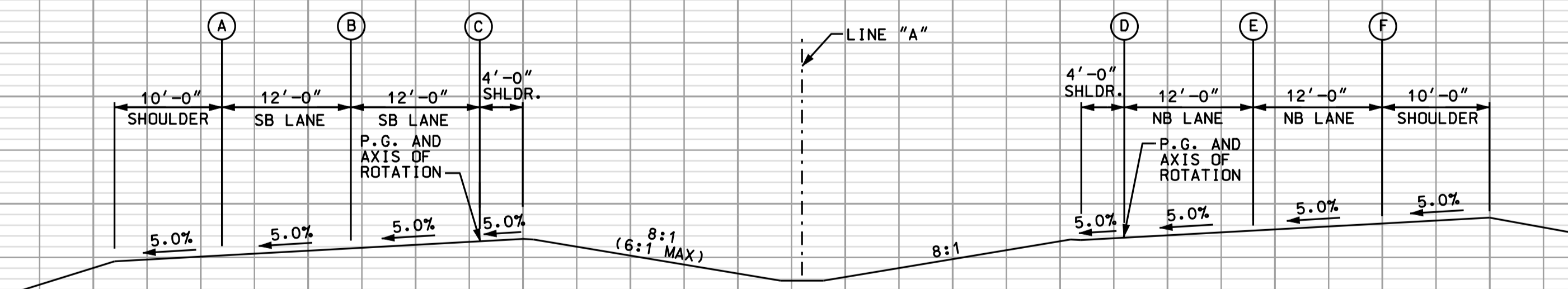
2822 2823 2824 2825 2826 2827 2828 2854 2855 2856 2857 2858 2859 2860 2861

	RECOMMENDED FOR APPROVAL <i>[Signature]</i> DESIGN ENGINEER	5/5/10 DATE	INDIANA DEPARTMENT OF TRANSPORTATION HORIZONTAL SCALE 1" = 100' VERTICAL SCALE SURVEY BOOK CONTRACT IR-33051		BRIDGE FILE
	DESIGNED: OCS CHECKED: NDH	DRAWN: DH CHECKED: DMA			SUPERELEVATION DETAIL LINE "A"





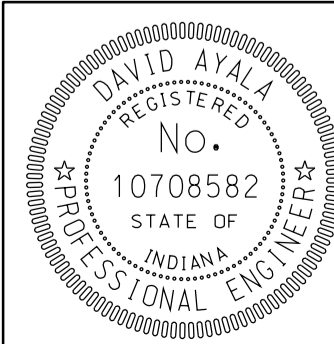
I-69 TANGENT SECTION

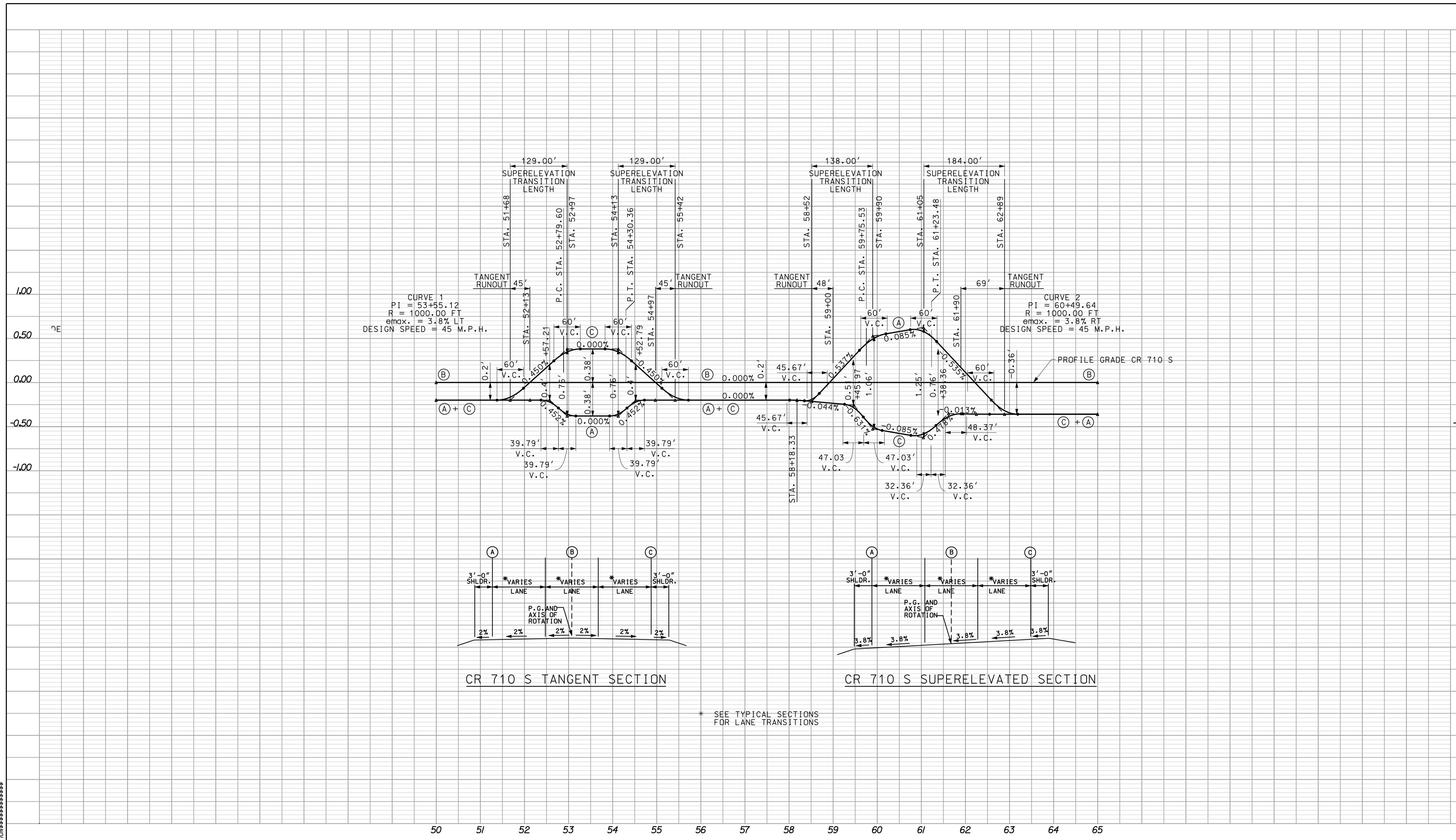


I-69 SUPERELEVATED SECTION

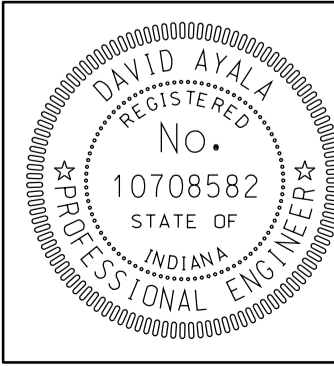
CURVE 4  
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 R = 4000.00 FT  
 e<sub>max.</sub> = 5.0% LT  
 DESIGN SPEED = 70 M.P.H.

\*\*\*\*\*CONSOLIDATION\*\*\*\*\*  
 \*\*\*\*\*SPECIFICATION\*\*\*\*\*  
 \*\*\*\*\*DRAWING\*\*\*\*\*  
 \*\*\*\*\*DATE\*\*\*\*\*  
 \*\*\*\*\*PROJECT\*\*\*\*\*  
 \*\*\*\*\*SHEET\*\*\*\*\*  
 \*\*\*\*\*NO\*\*\*\*\*  
 \*\*\*\*\*OF\*\*\*\*\*  
 \*\*\*\*\*SHEETS\*\*\*\*\*

	RECOMMENDED FOR APPROVAL <i>[Signature]</i> DESIGN ENGINEER DATE 5/5/10	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 100'	BRIDGE FILE
	DESIGNED: OCS DRAWN: DH CHECKED: NDH CHECKED: DMA		SUPERELEVATION DETAIL LINE "A"	VERTICAL SCALE DESIGNATION 0500445



\*\*\*\*\*CONSISTENT SPECIFICATION\*\*\*\*\*  
 10-43  
 \*\*\*\*\*



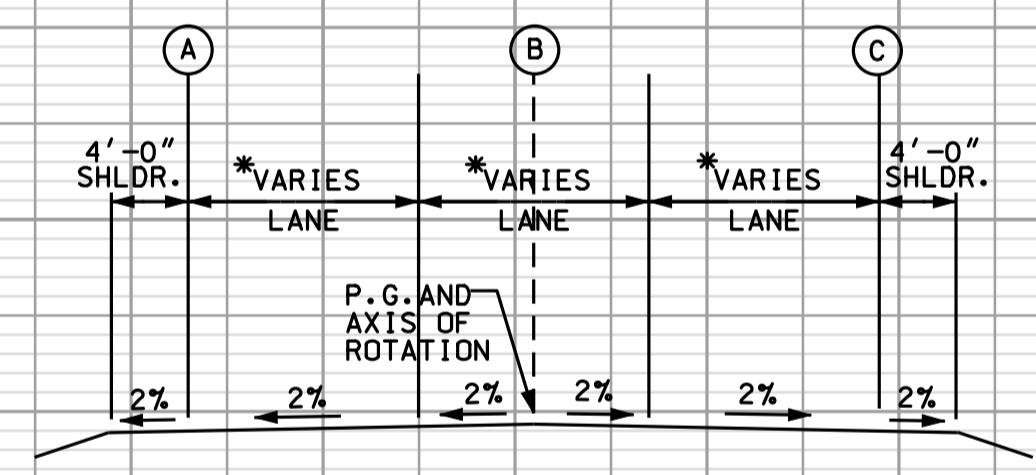
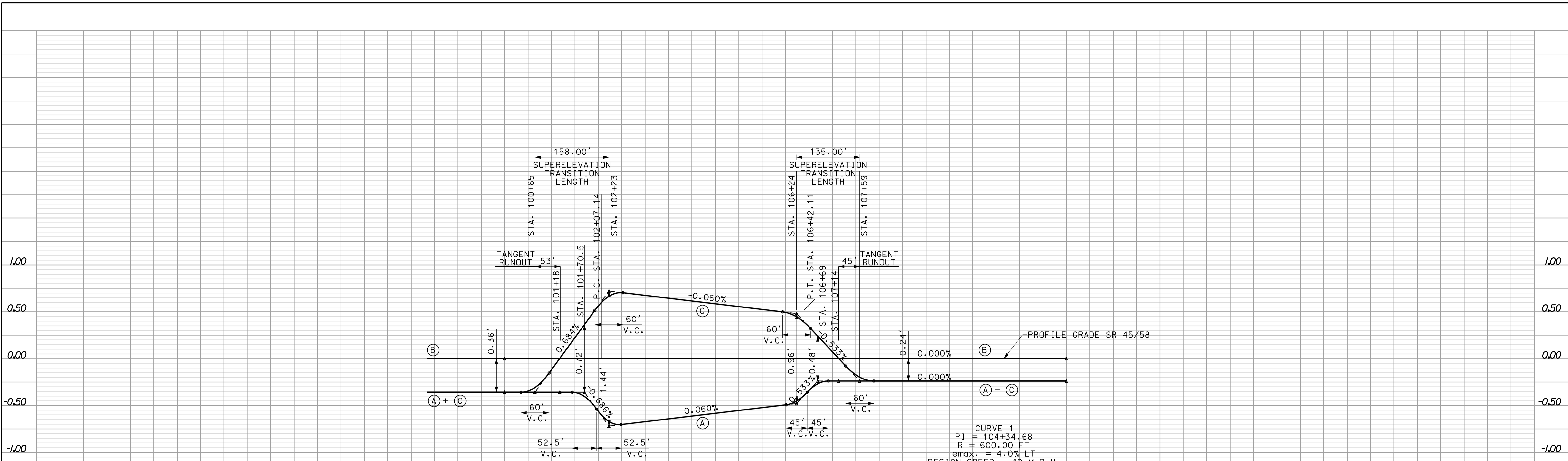
RECOMMENDED FOR APPROVAL *em jg*  
 DESIGN ENGINEER DATE 5/5/10

DESIGNED: OCS DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

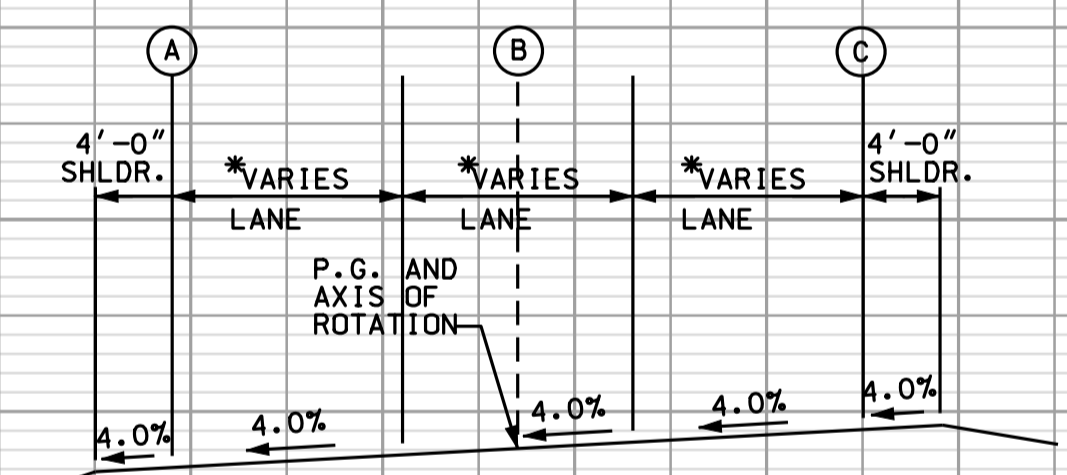
INDIANA DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DETAIL  
 LINE "CR 710 S"

HORIZONTAL SCALE 1" = 100'	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. SE-05	SHEET NO. 114 of 373
CONTRACT IR-33051	PROJECT 0500445	



SR 45/58 TANGENT SECTION

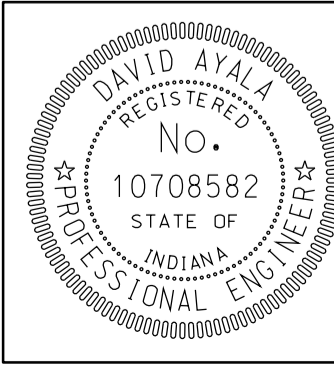


SR 45/58 SUPERELEVATED SECTION

\* SEE TYPICAL SECTIONS FOR LANE TRANSITIONS

100 101 102 103 104 105 106 107 108 109 110 111 112

\*\*\*\*\*01043\*\*\*\*\*  
 \*\*\*\*\*CONSOLIDATION\*\*\*\*\*  
 \*\*\*\*\*01043\*\*\*\*\*

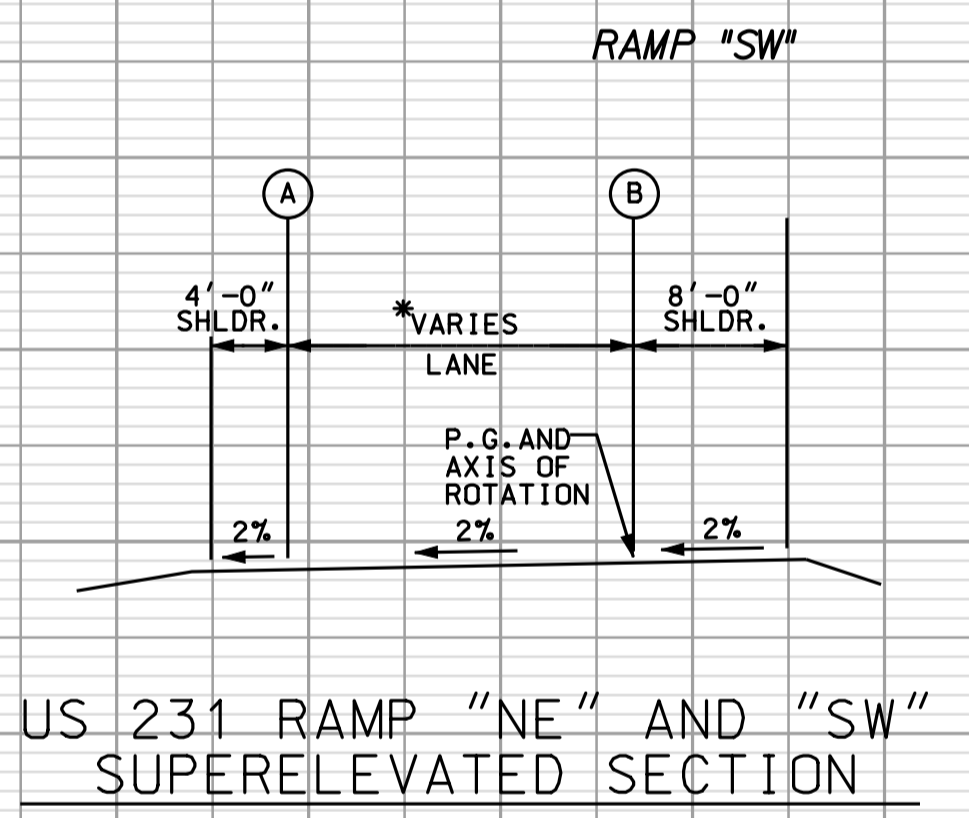
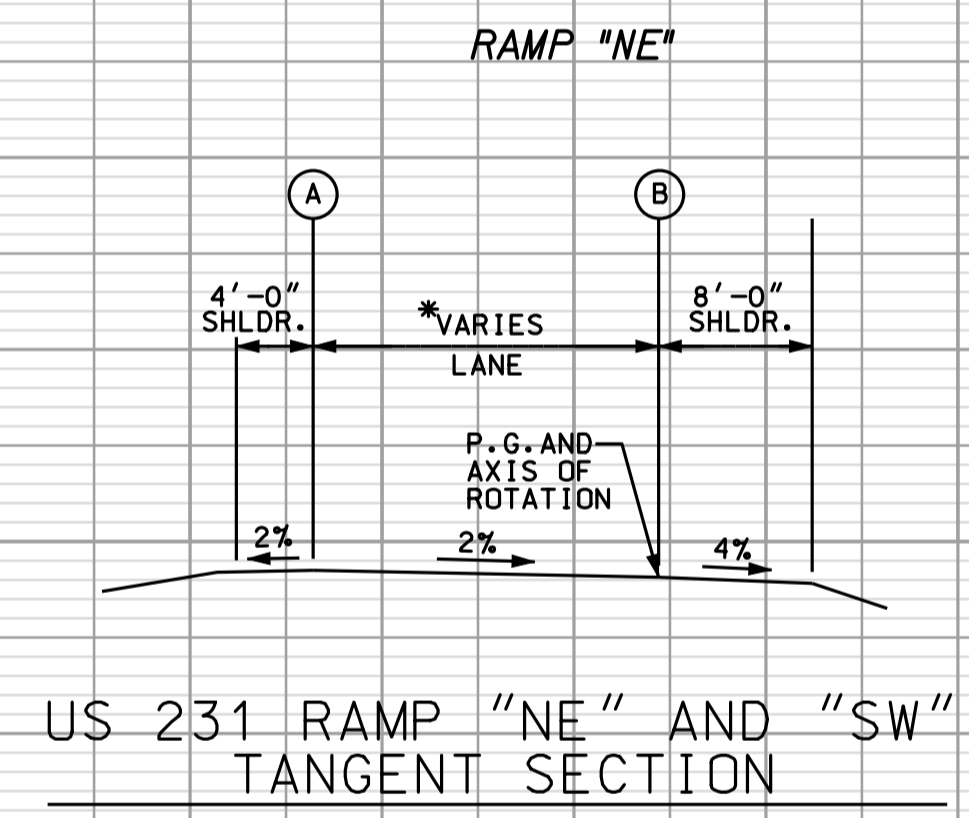
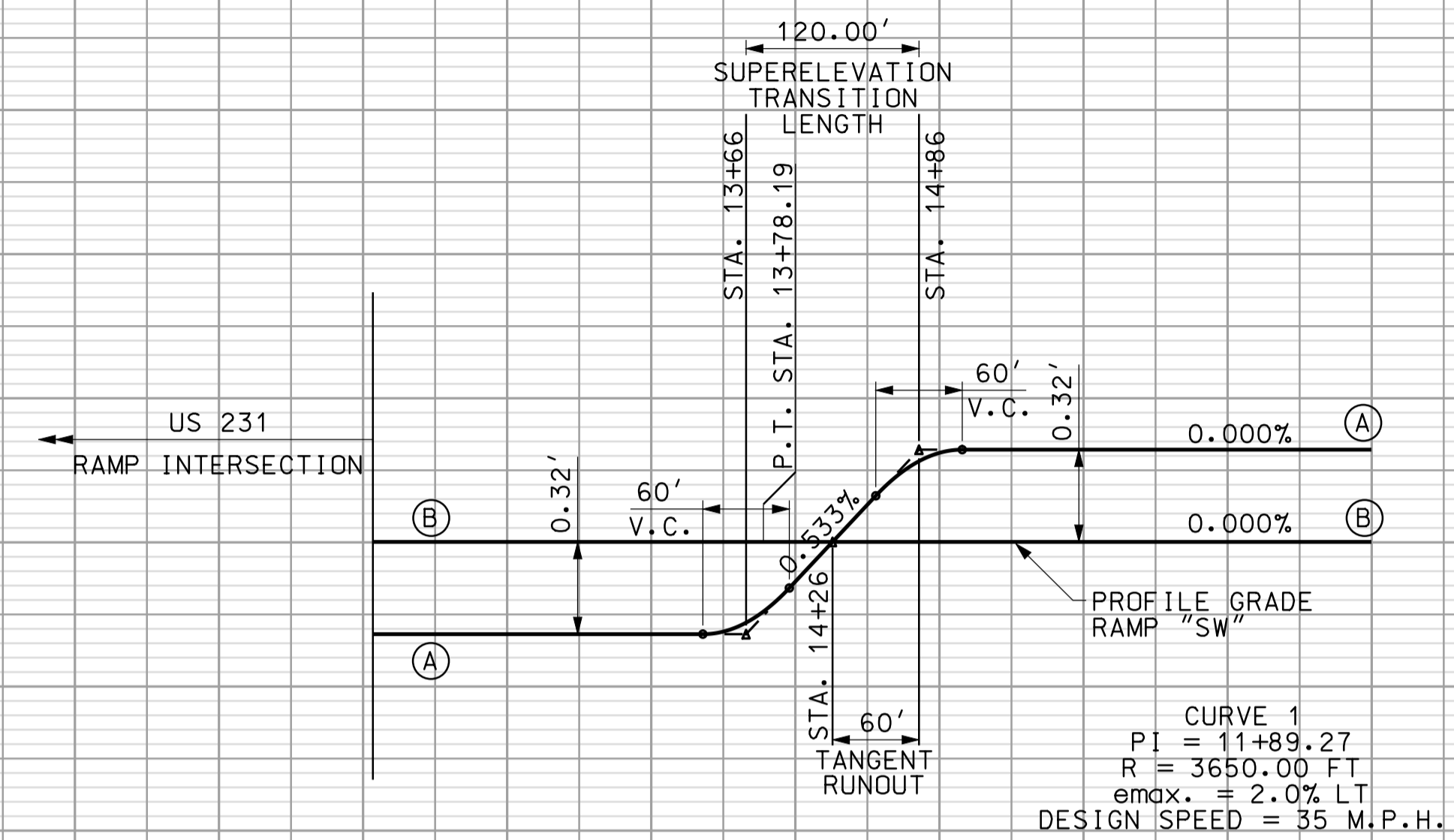
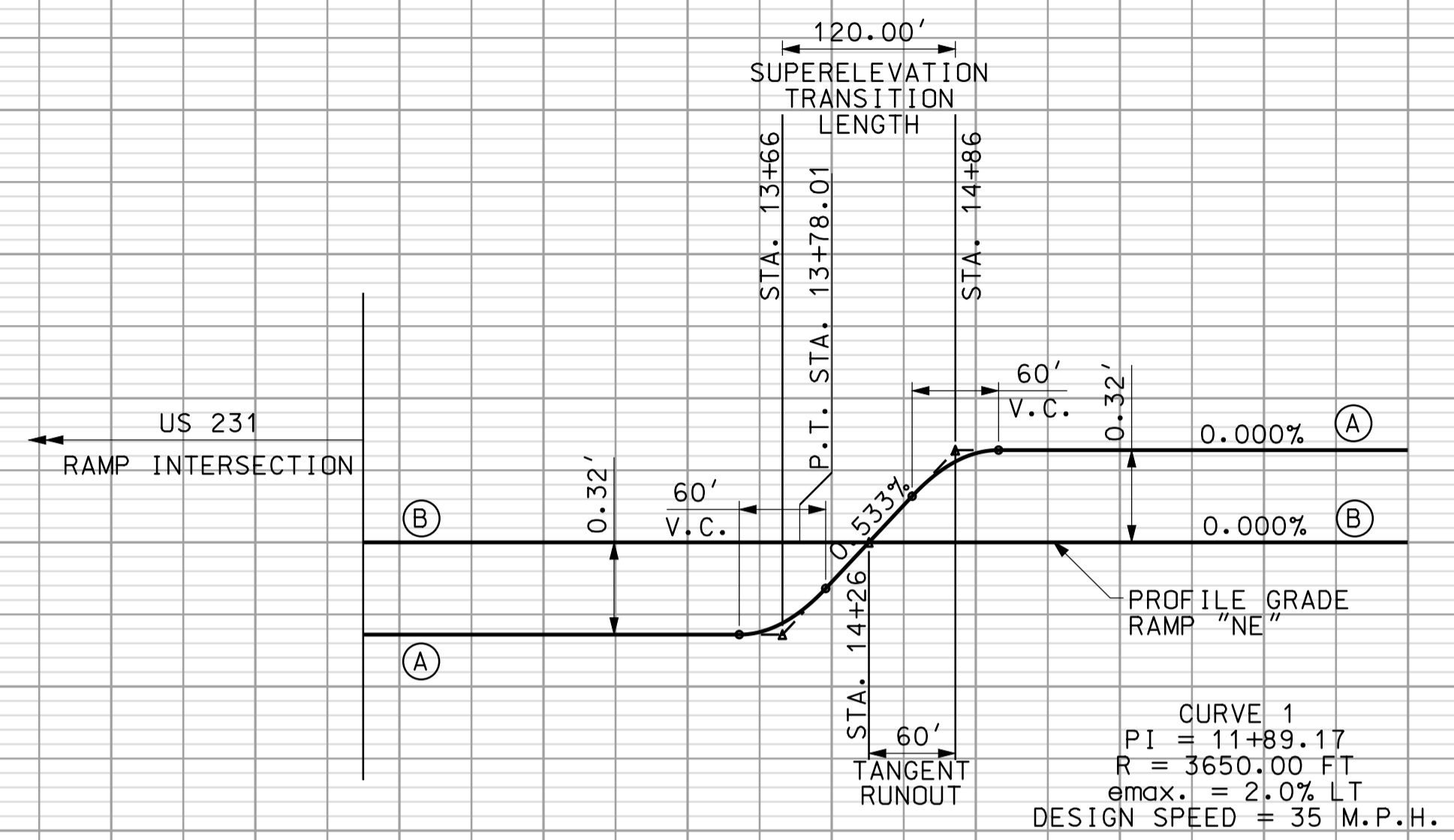


RECOMMENDED FOR APPROVAL	<i>com jo</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NDH	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DETAIL  
LINE "SR 45/58"

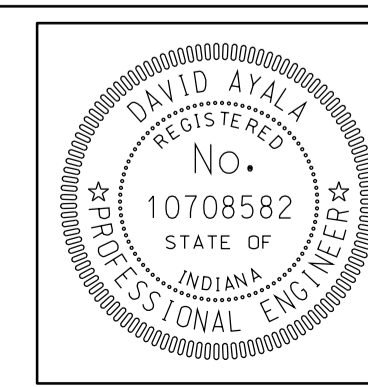
HORIZONTAL SCALE	BRIDGE FILE	
1" = 100'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	SE-06	115 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



\* SEE TYPICAL SECTIONS FOR LANE TRANSITIONS

10 11 12 13 14 15 16 17 18 10 11 12 13 14 15 16 17 18

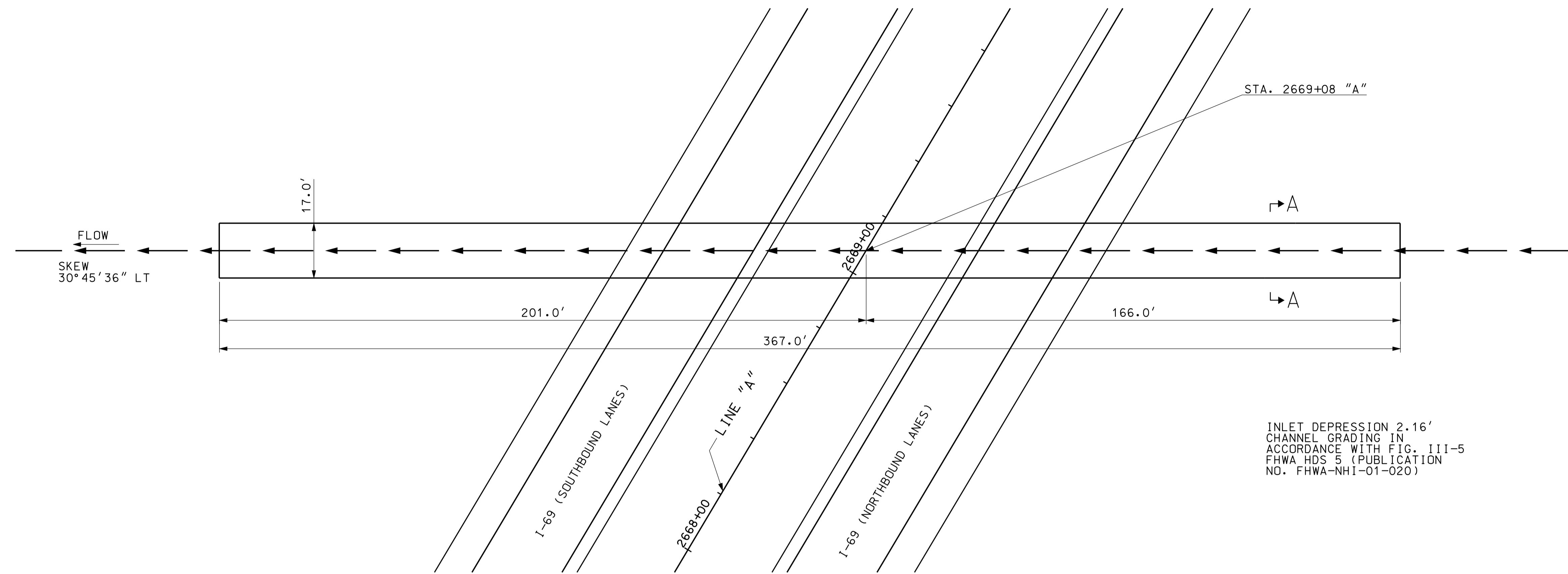
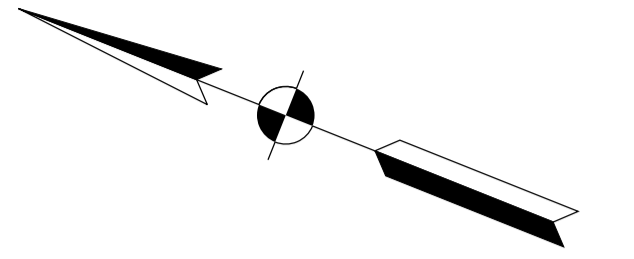
\*\*\*\*\*CONSISTENT SPECIFICATION\*\*\*\*\*  
 10-43  
 \*\*\*\*\*CONSISTENT SPECIFICATION\*\*\*\*\*



RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
DESIGNED:	OCS	DRAWN: DH
CHECKED:	NDH	CHECKED: DMA

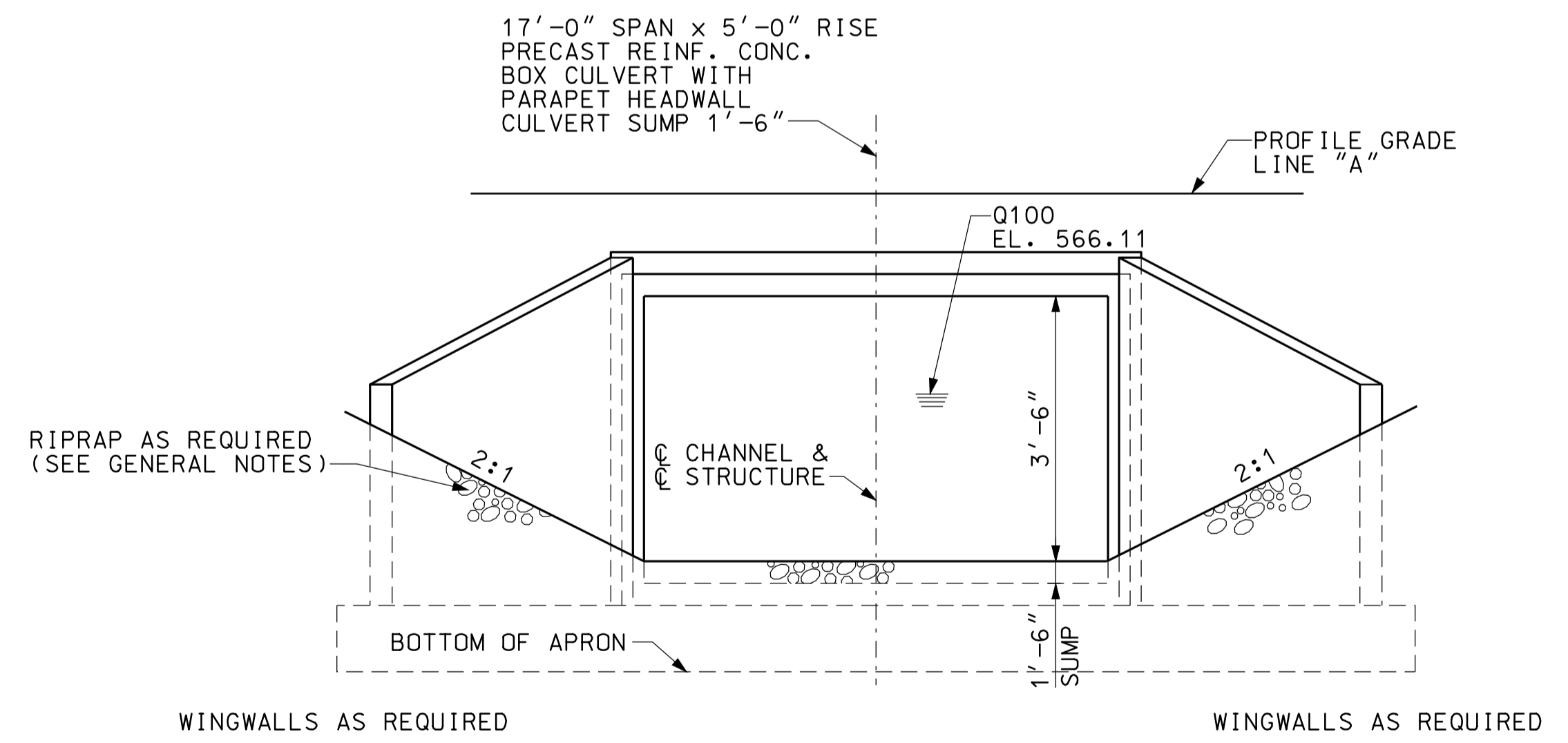
INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 SUPERELEVATION DETAIL  
 US 231 RAMPS

HORIZONTAL SCALE	BRIDGE FILE	
1" = 100'		
VERTICAL SCALE	DESIGNATION	
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SURVEY BOOK	DWG. NO.	SHEET NO.
	SE-07	116 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

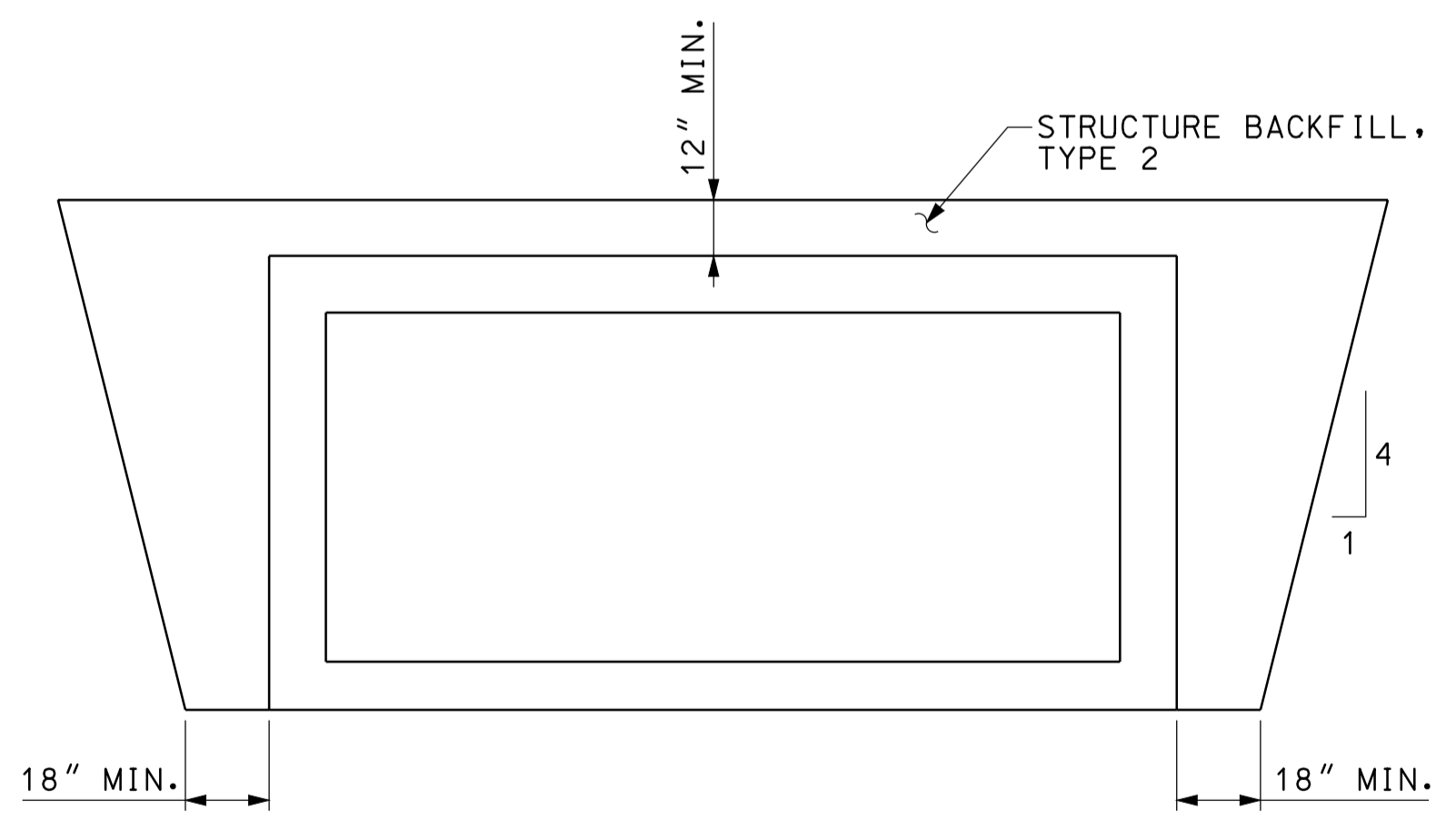


PLAN  
SCALE: 1"=20'

INLET DEPRESSION 2.16'  
CHANNEL GRADING IN  
ACCORDANCE WITH FIG. III-5  
FHWA HDS 5 (PUBLICATION  
NO. FHWA-NHI-01-020)



END ELEVATION  
NOT TO SCALE



SECTION A-A  
NOT TO SCALE

GENERAL NOTES

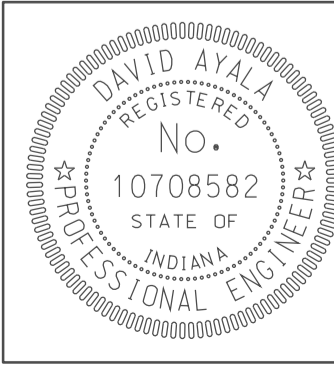
ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.  
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

HYDRAULIC DATA

DRAINAGE AREA	45.37 AC.
Q100	87 CFS.
Q100 ELEVATION	566.11 FT.
EXISTING BACKWATER	N/A
PROPOSED BACKWATER	1.00 FT
Q100 VELOCITY	5.47 FPS.
ROADWAY OVERFLOW WATERWAY AREA	0 FT.
AVERAGE FLOW LINE ELEVATION	561.25 FT.

BACKWATER DISSIPATES 0.14' OR LESS AT ROW

10/4/10 10:43  
 IP\_PWP-810025A-SEG3PB001.dgn

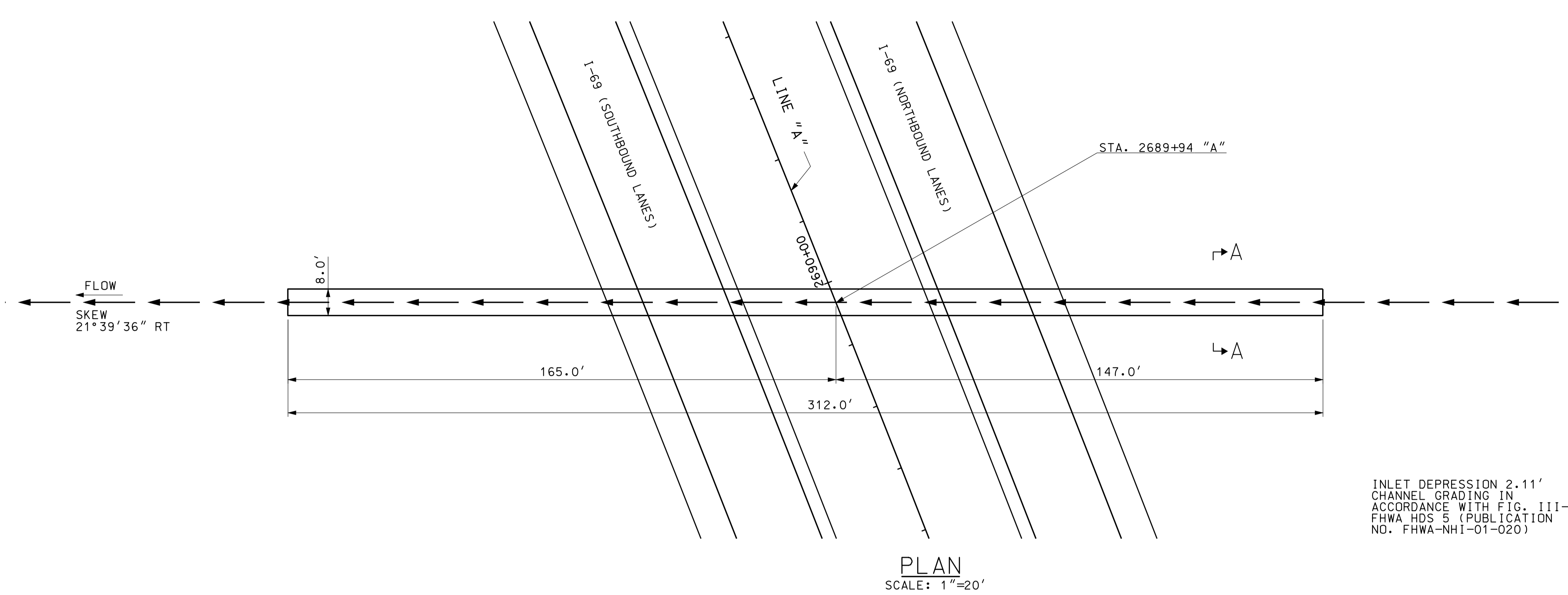
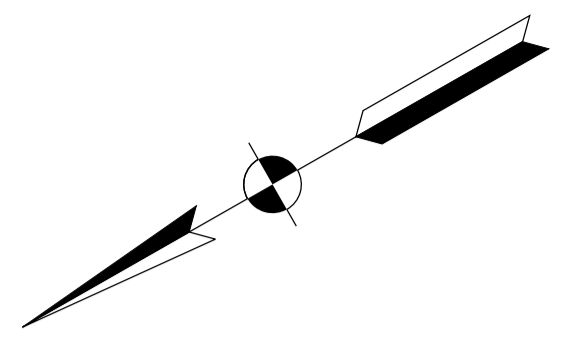


RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
DESIGNED:	CLE	DRAWN: DH
CHECKED:	KLR	CHECKED: DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

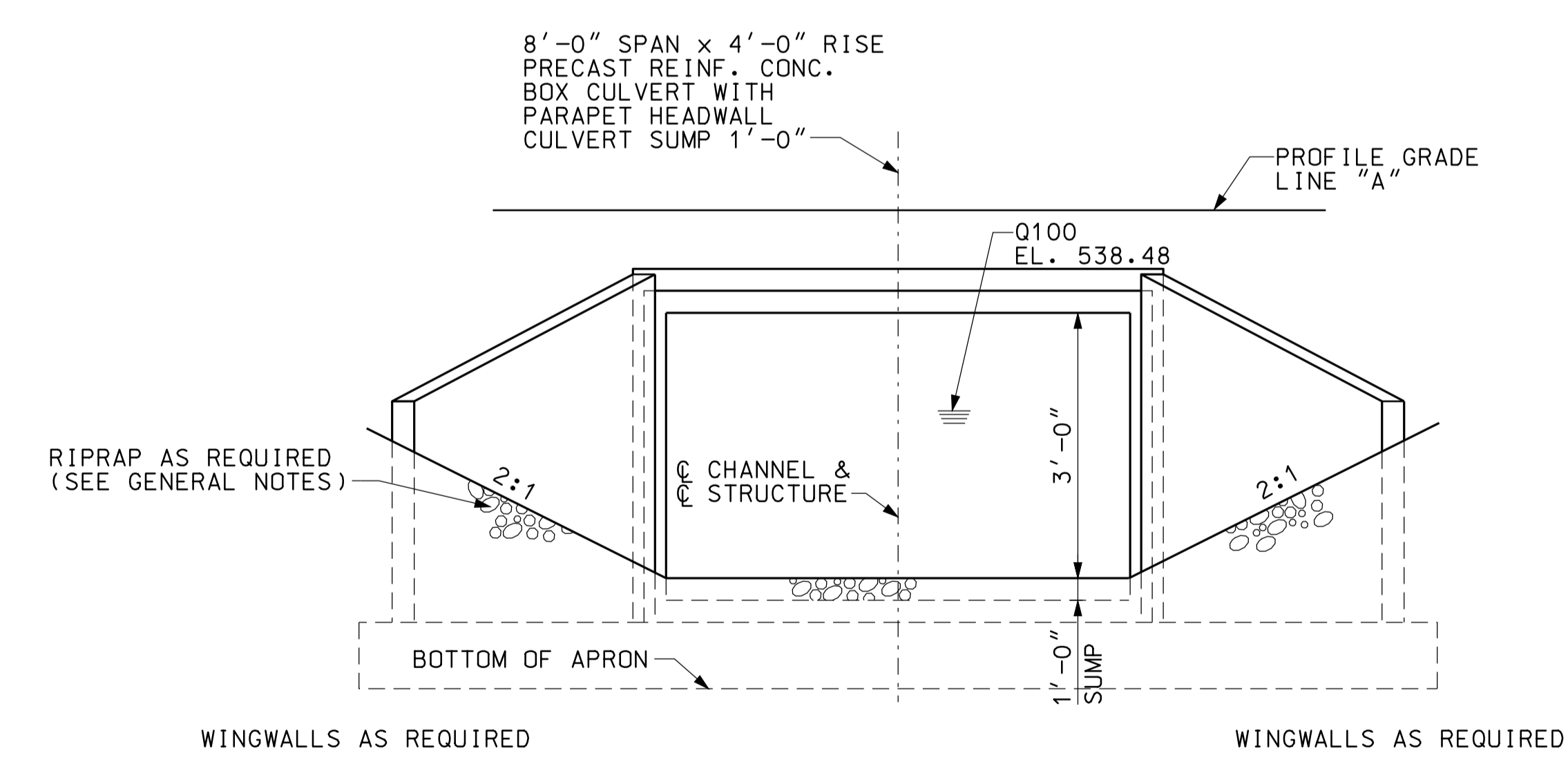
CULVERT DETAILS  
CROSSING #266800

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	0500445
SURVEY BOOK	DWG. NO. SHEET NO.
	PB-01 117 of 373
CONTRACT	PROJECT
IR-33051	0500445

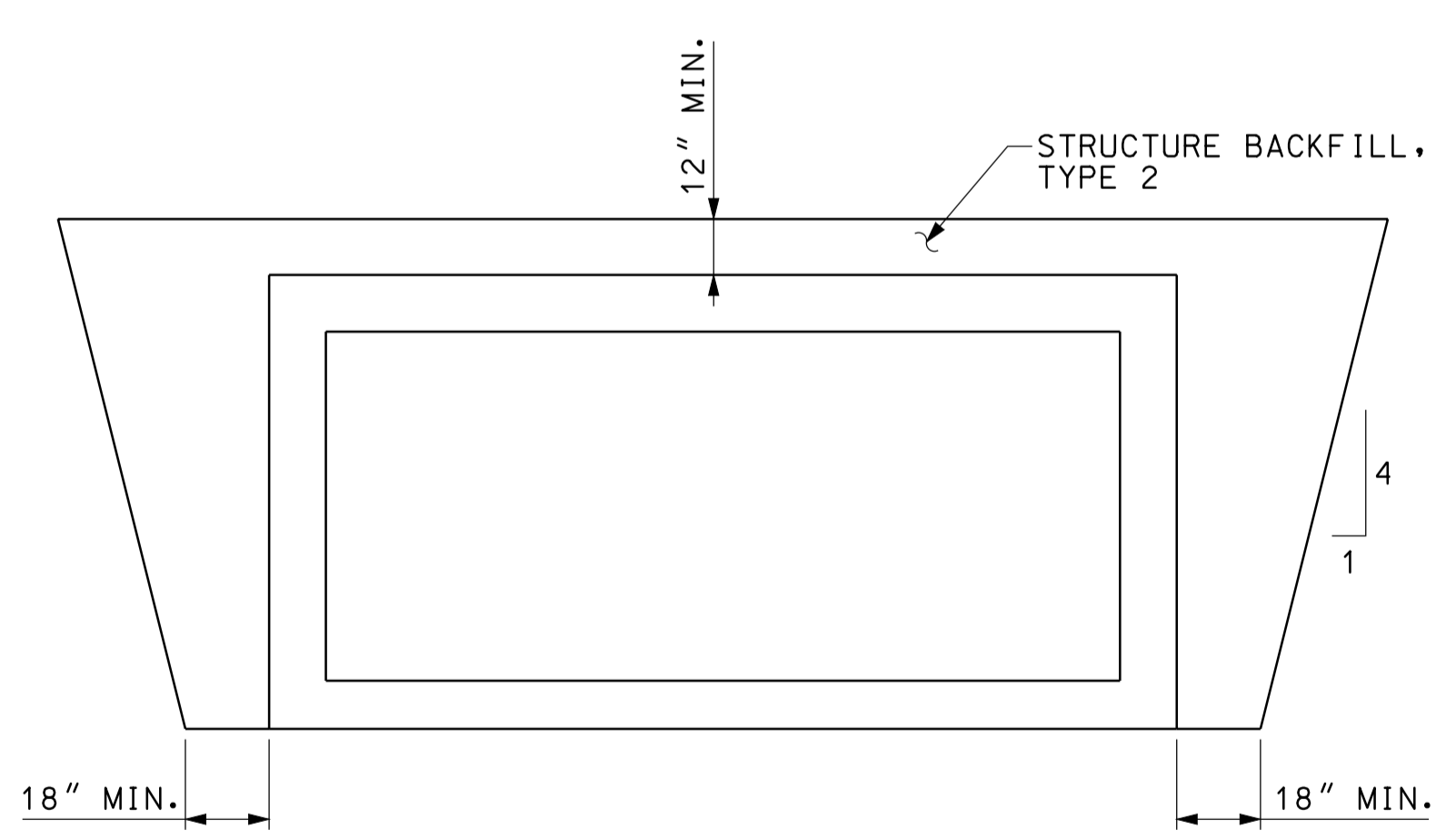


INLET DEPRESSION 2.11'  
CHANNEL GRADING IN  
ACCORDANCE WITH FIG. III-5  
FHWA HDS 5 (PUBLICATION  
NO. FHWA-NHI-01-020)

PLAN  
SCALE: 1"=20'



END ELEVATION  
NOT TO SCALE



SECTION A-A  
NOT TO SCALE

**GENERAL NOTES**

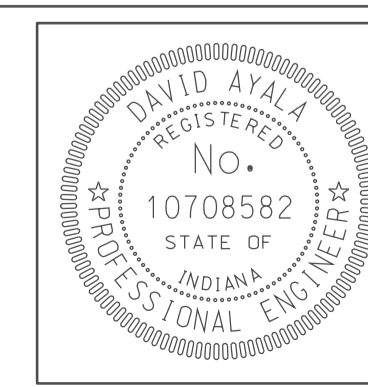
ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.  
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

**HYDRAULIC DATA**

DRAINAGE AREA	13.79 AC.
Q100	36 CFS.
Q100 ELEVATION	538.48 FT.
EXISTING BACKWATER	N/A
PROPOSED BACKWATER	0.95 FT
Q100 VELOCITY	5.24 FPS.
ROADWAY OVERFLOW WATERWAY AREA	0 FT.
AVERAGE FLOW LINE ELEVATION	533.68 FT.

1' BACKWATER PERMITTED, Tc LESS THAN 15 MIN.

10/4/10  
 IP\_PWP-810025A-SEG3PBD02.dgn

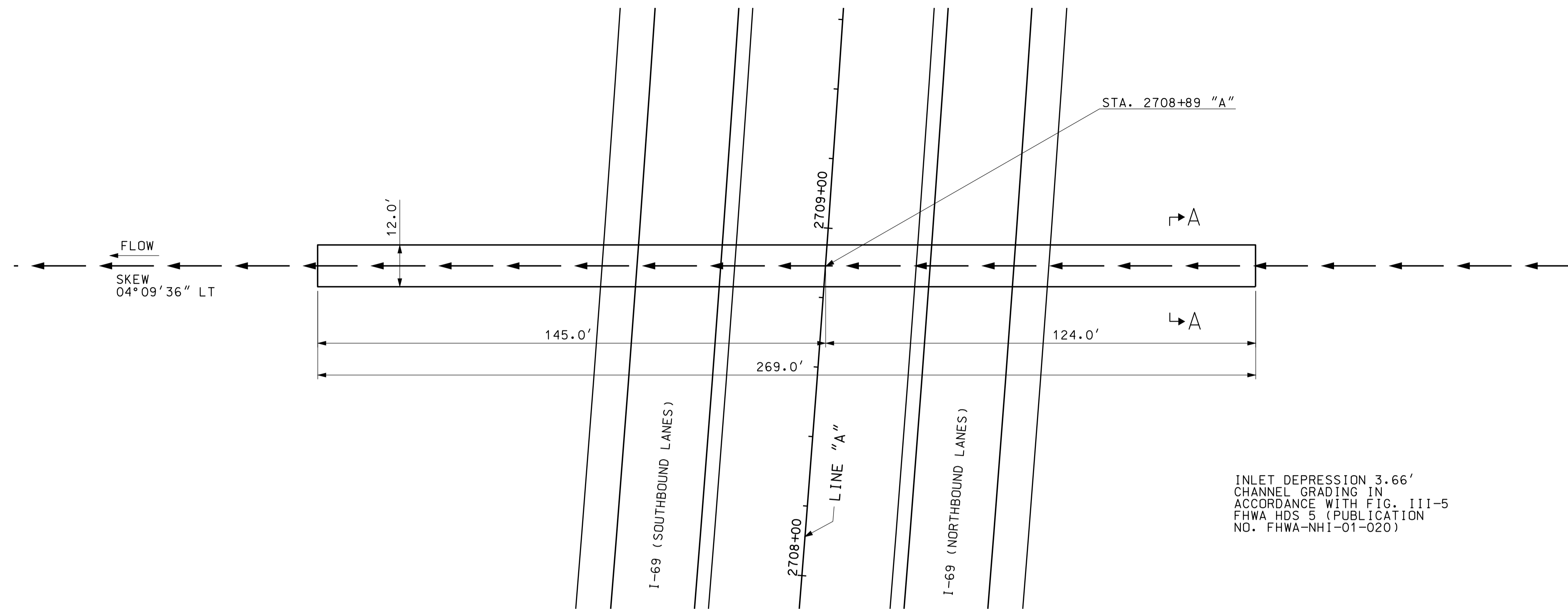
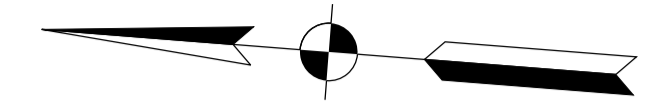


RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
	DESIGN ENGINEER	DATE
DESIGNED:	CLE	DRAWN: DH
CHECKED:	KLR	CHECKED: DMA

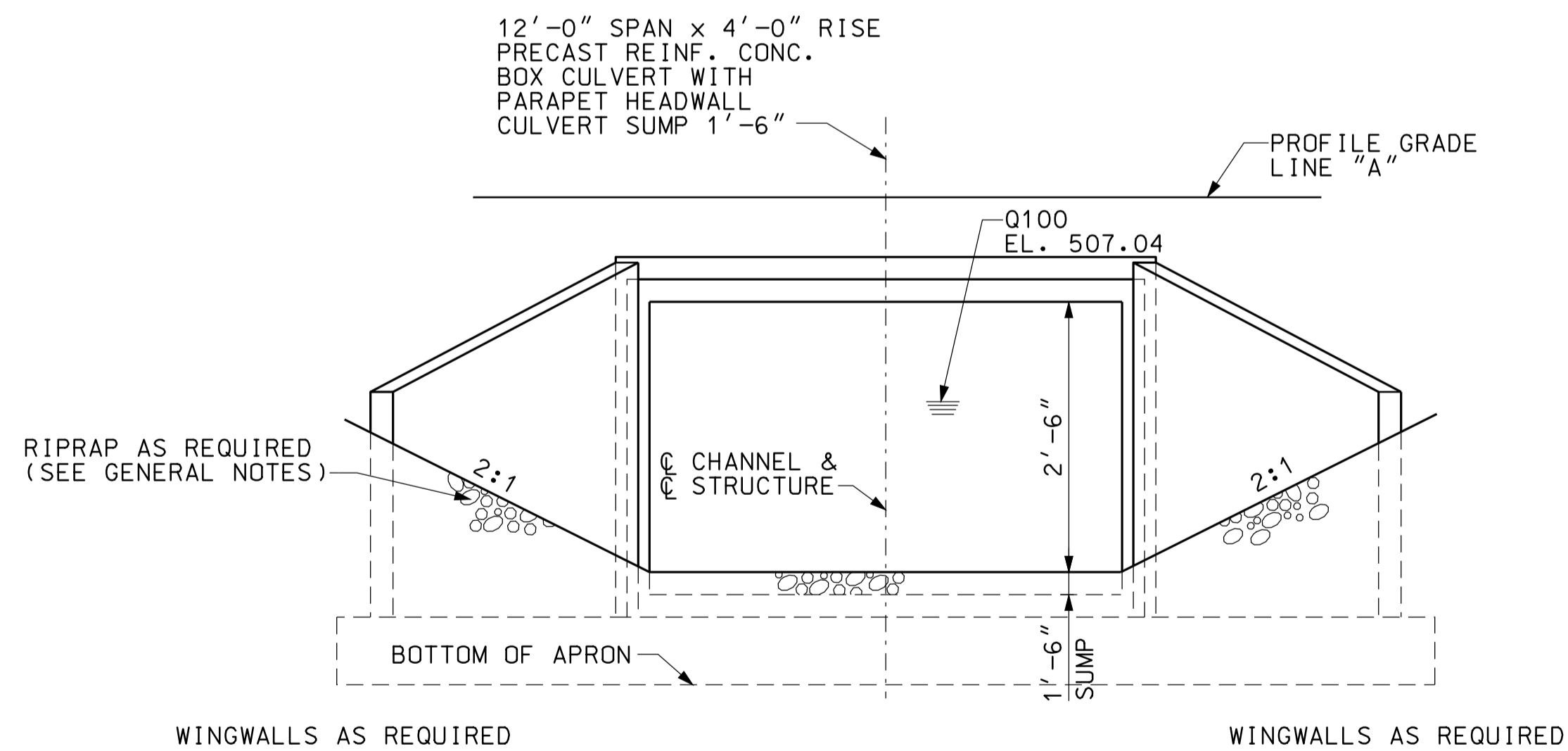
INDIANA  
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS  
CROSSING #269000

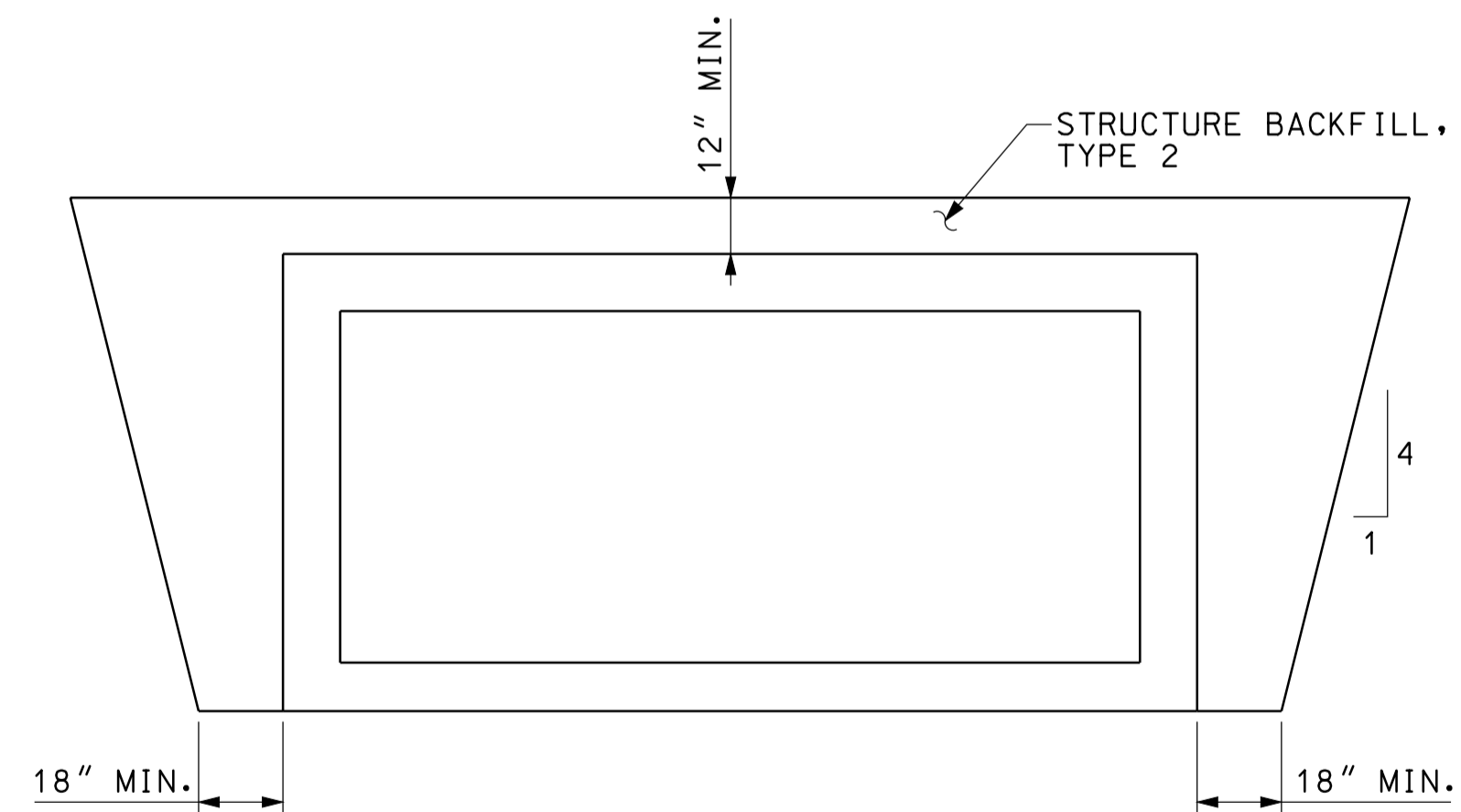
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	0500445
SURVEY BOOK	DWG. NO. SHEET NO.
	PB-02 118 of 373
CONTRACT	PROJECT
IR-33051	0500445



PLAN  
SCALE: 1"=20'



END ELEVATION  
NOT TO SCALE



SECTION A-A  
NOT TO SCALE

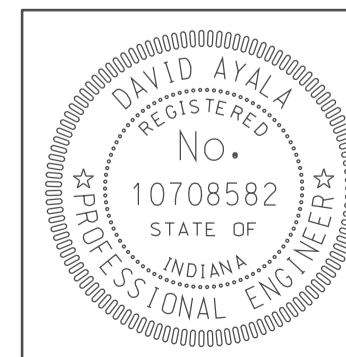
**GENERAL NOTES**

ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.  
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

**HYDRAULIC DATA**

DRAINAGE AREA	42.69 AC.
Q100	86 CFS.
Q100 ELEVATION	507.04 FT.
EXISTING BACKWATER	N/A
PROPOSED BACKWATER	0.03 FT
Q100 VELOCITY	3.31 FPS.
ROADWAY OVERFLOW WATERWAY AREA	0 FT.
AVERAGE FLOW LINE ELEVATION	502.29 FT.

10/4/10  
 10-43  
 IP\_PWP-810025A-SESG3P0003.dgn



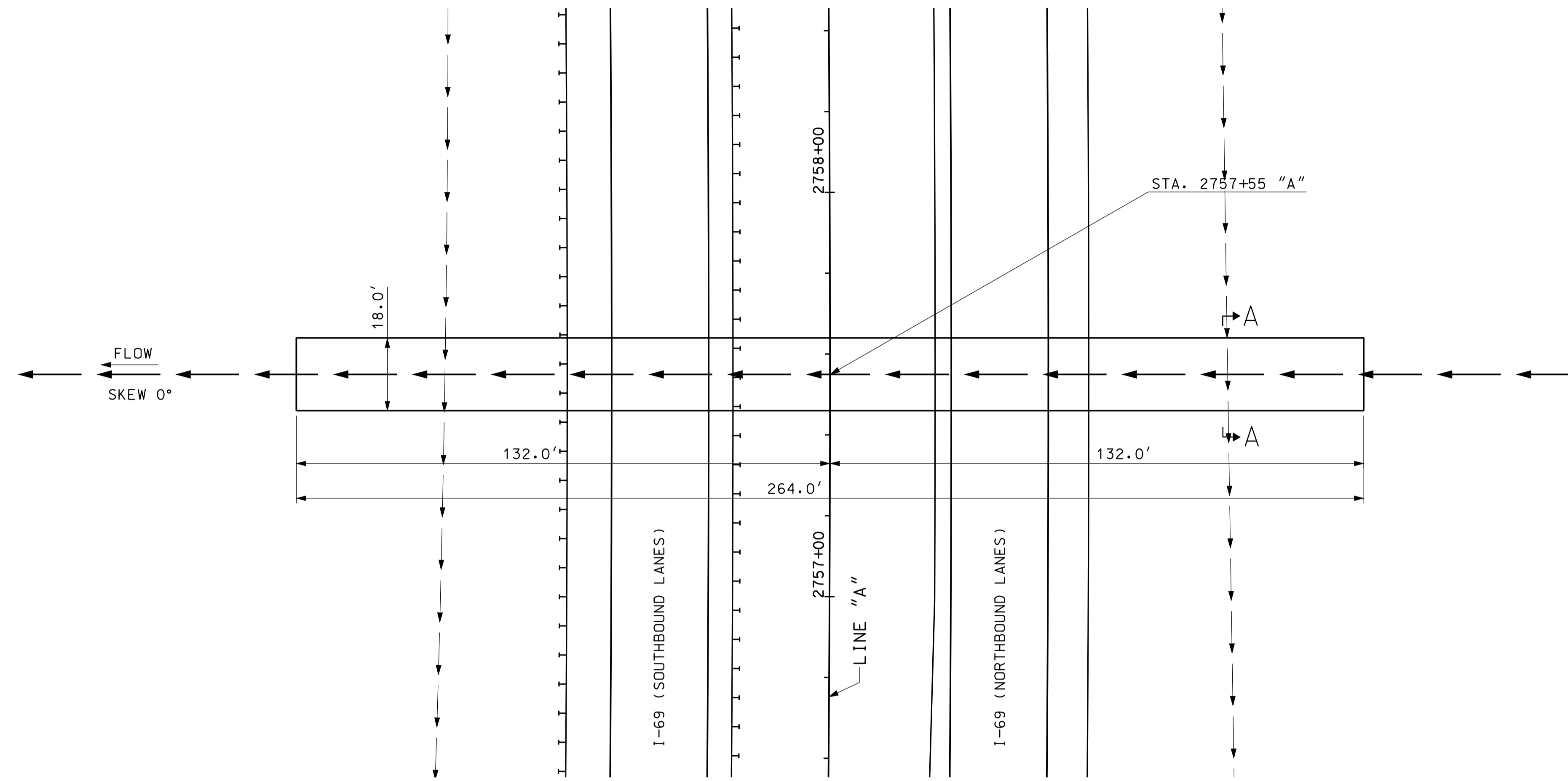
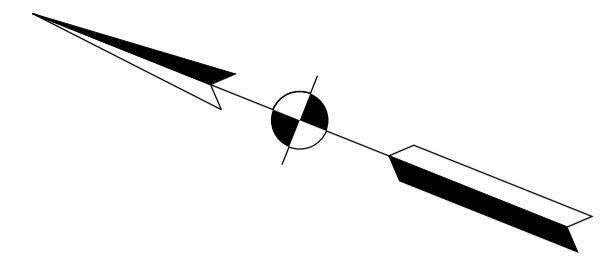
RECOMMENDED FOR APPROVAL *com jo* 5/5/10  
DESIGN ENGINEER DATE

DESIGNED: CLE DRAWN: DH  
CHECKED: KLR CHECKED: DMA

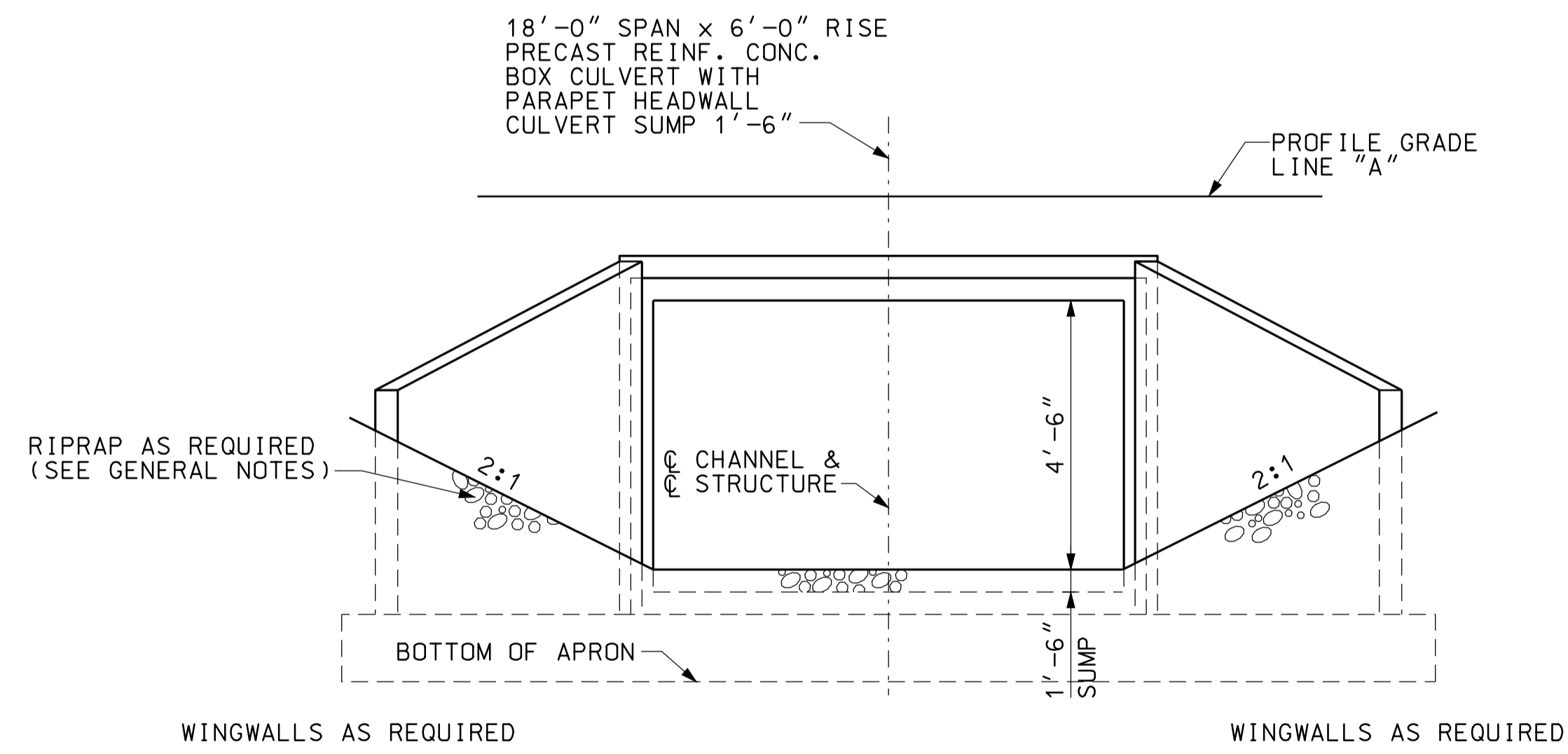
INDIANA  
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS  
CROSSING #270800

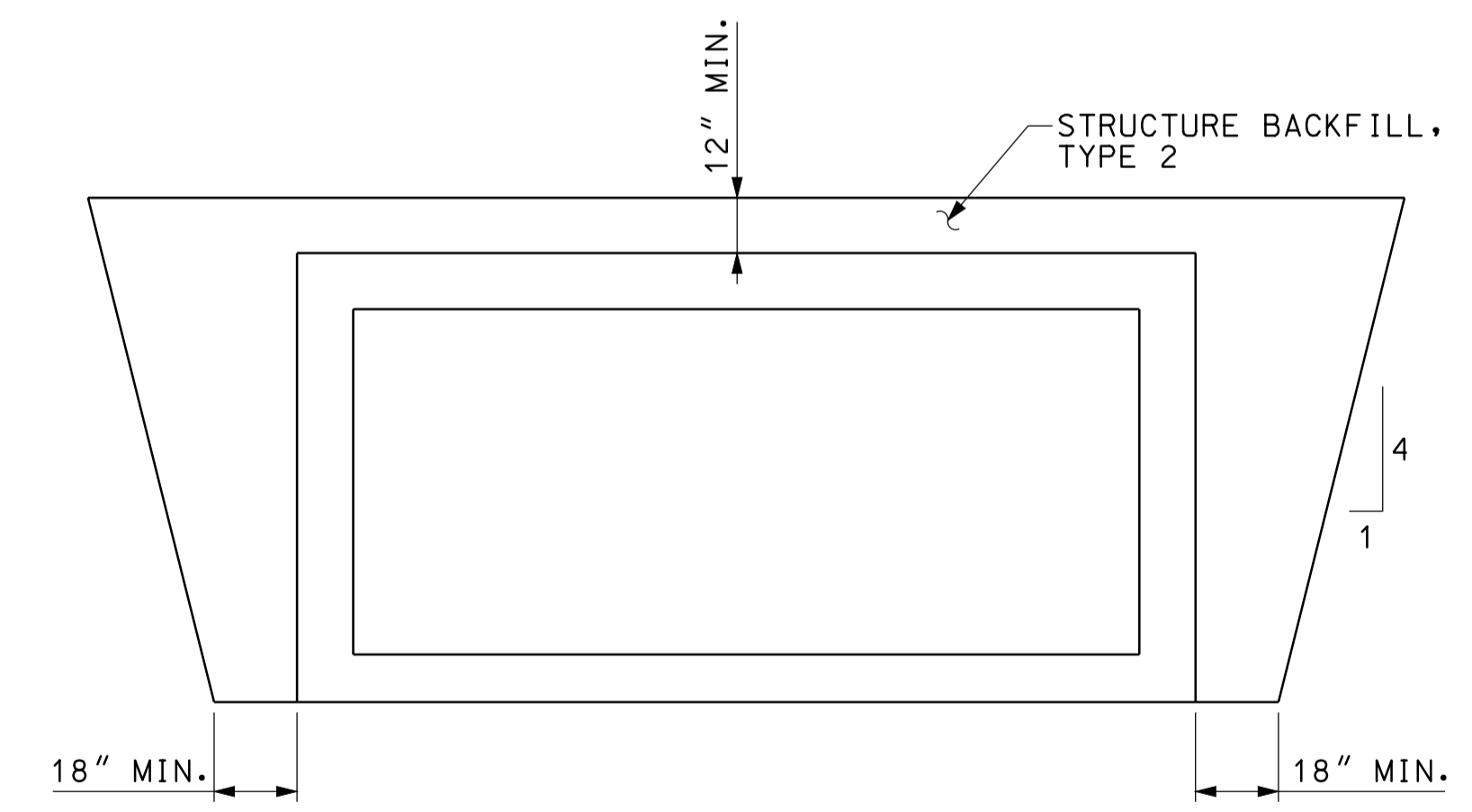
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	0500445
SURVEY BOOK	DWG. NO. SHEET NO.
	PB-03 119 of 373
CONTRACT	PROJECT
IR-33051	0500445



PLAN  
SCALE: 1"=20'



END ELEVATION  
NOT TO SCALE



SECTION A-A  
NOT TO SCALE

**GENERAL NOTES**

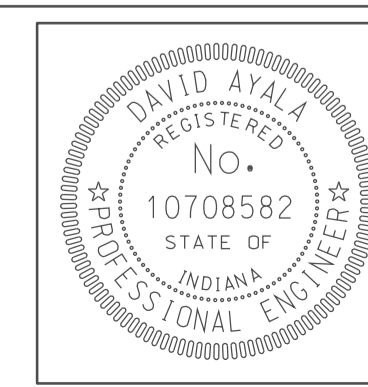
ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.  
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

**HYDRAULIC DATA**

DRAINAGE AREA	42.5 SQ. MI.
Q100	67 CFS.
Q100 ELEVATION	494.40 FT.
PROPOSED BACKWATER	0.06 FT.
Q100 VELOCITY	1.36 FPS.
AVERAGE FLOW LINE ELEVATION	491.89 FT.

OVERFLOW STRUCTURE TO BRIDGE  
CROSSING NO. 274600 (DES. NO. 0500445)

10-44  
 10/25/10  
 IP\_PWP-810025A-SE-313B004.dgn



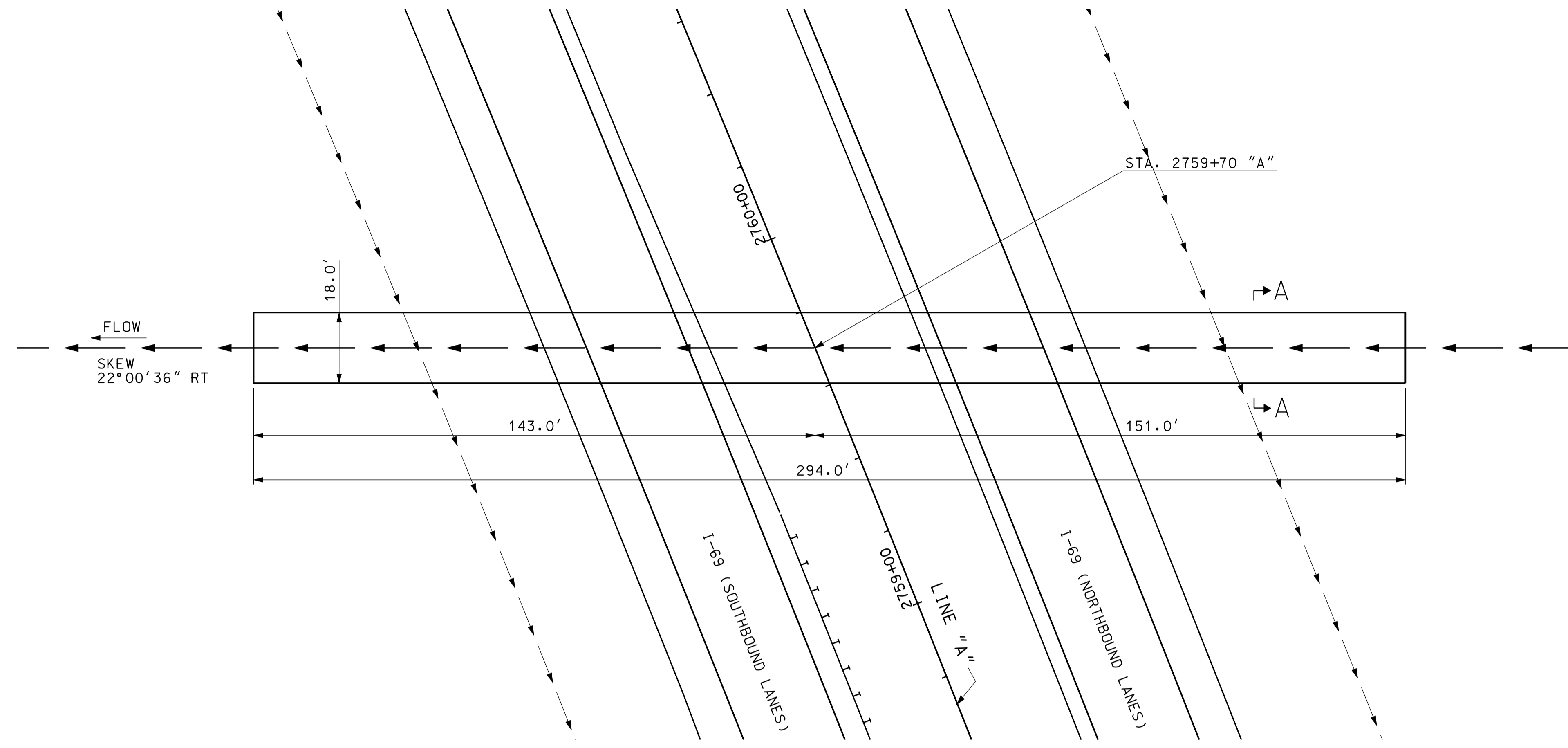
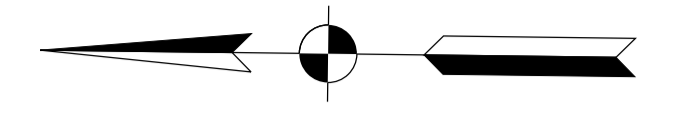
RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
	DESIGN ENGINEER	DATE
DESIGNED:	CLE	DRAWN:
		DH
CHECKED:	KLR	CHECKED:
		DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

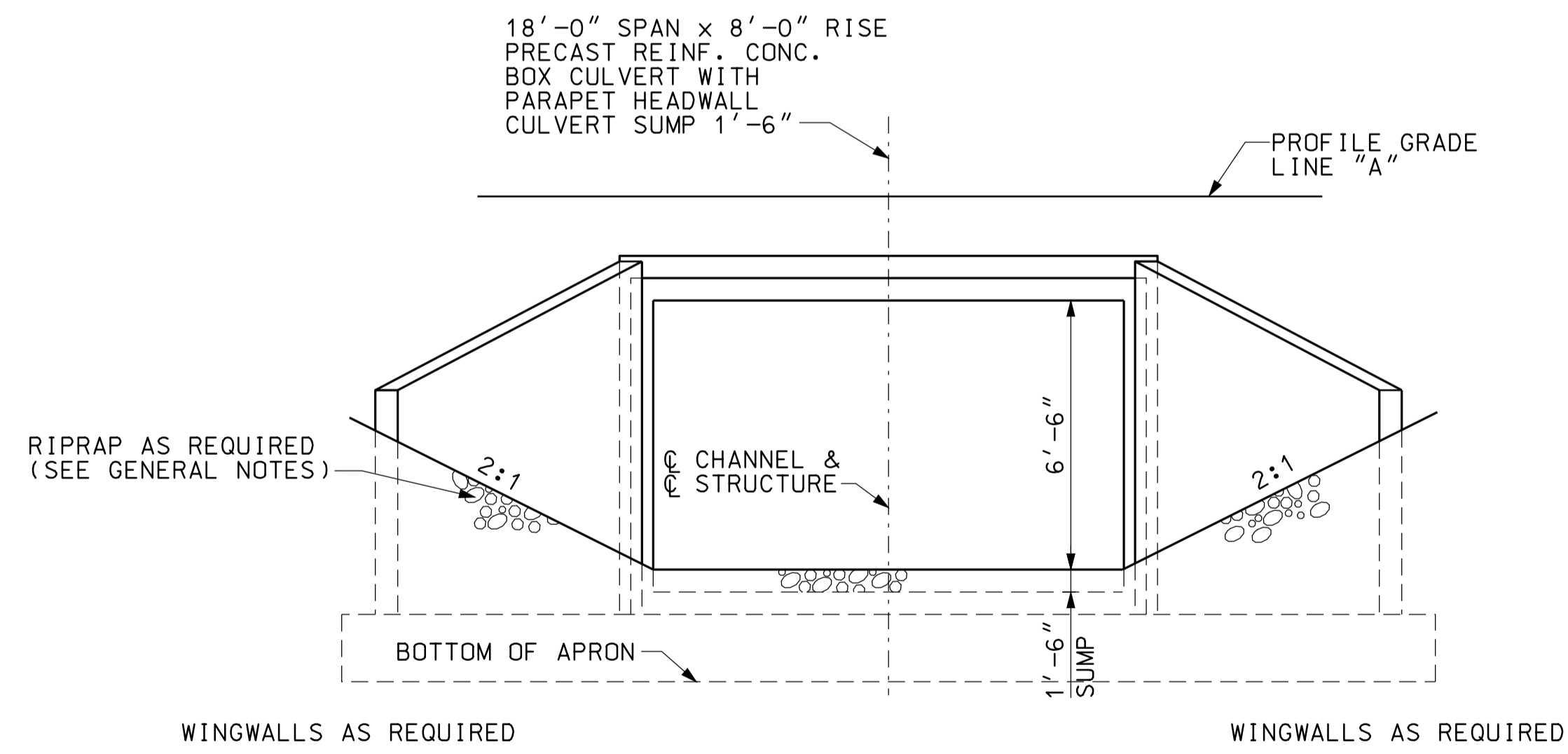
**CULVERT DETAILS  
CROSSING #275800**

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1" = 20'		
VERTICAL SCALE	DESIGNATION	
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SURVEY BOOK	DWG. NO.	SHEET NO.
	PB-04	120 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

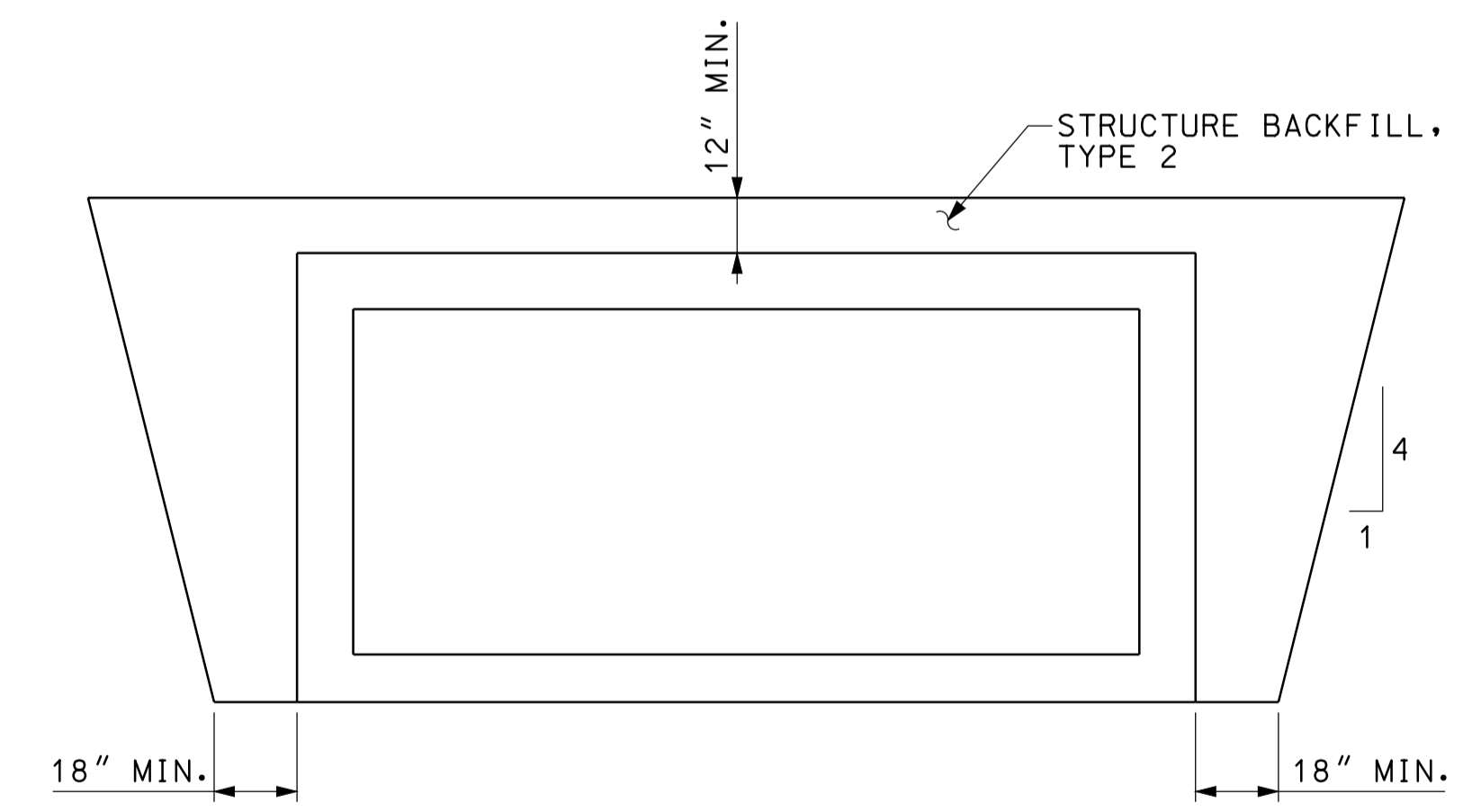




PLAN  
SCALE: 1"=20'



END ELEVATION  
NOT TO SCALE



SECTION A-A  
NOT TO SCALE

**GENERAL NOTES**

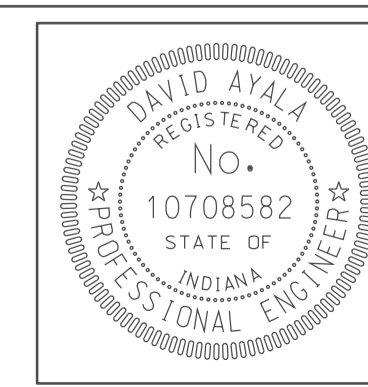
ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.  
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

**HYDRAULIC DATA**

DRAINAGE AREA	42.5 SQ. MI.
Q100	174 CFS.
Q100 ELEVATION	494.40 FT.
PROPOSED BACKWATER	0.06 FT.
Q100 VELOCITY	1.92 FPS.
AVERAGE FLOW LINE ELEVATION	489.48 FT.

OVERFLOW STRUCTURE TO BRIDGE  
CROSSING NO. 274600 (DES. NO. 0500445)

10-44  
 10/24/05  
 IP\_PWP-810025A-SESG3PBD005.dgn

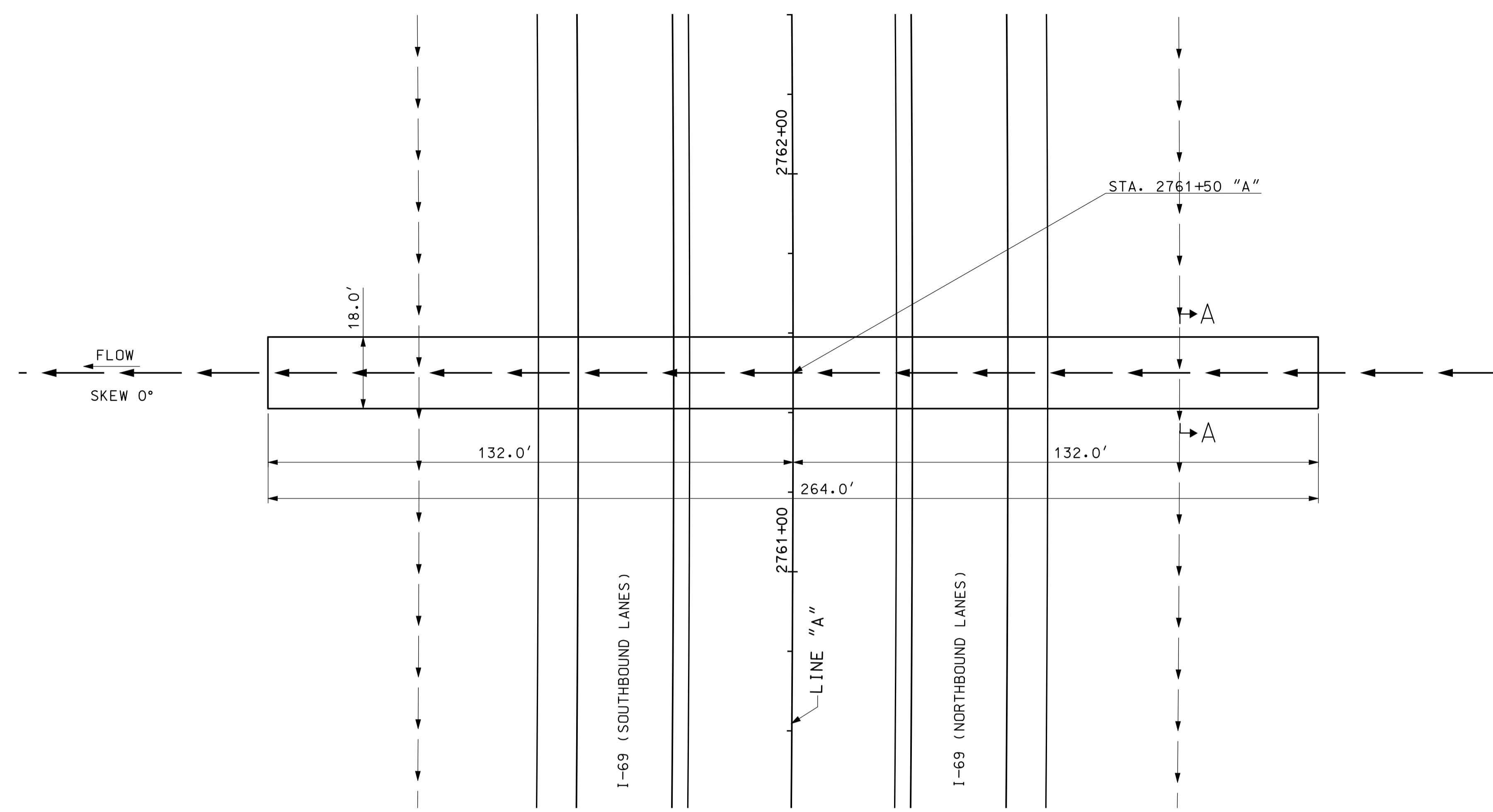
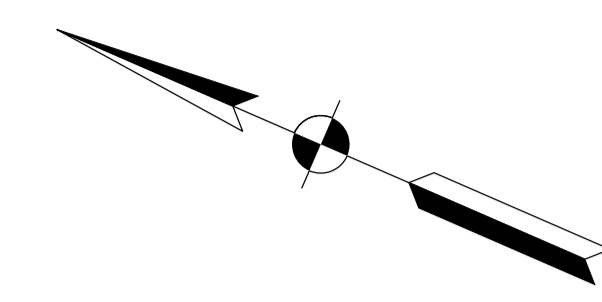


RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
DESIGNED:	CLE	DRAWN:
CHECKED:	KLR	CHECKED:
		DMA

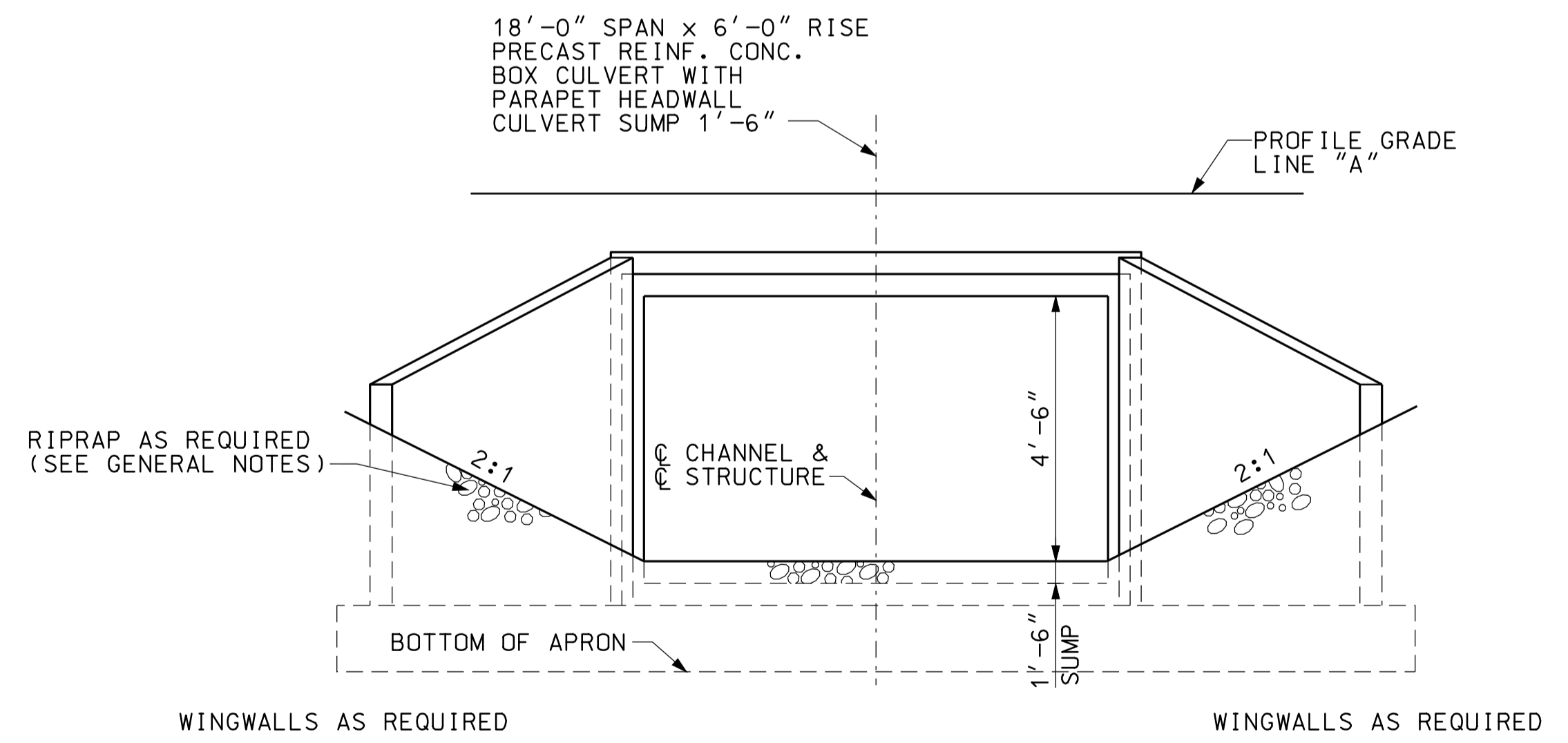
INDIANA  
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS  
CROSSING #276000

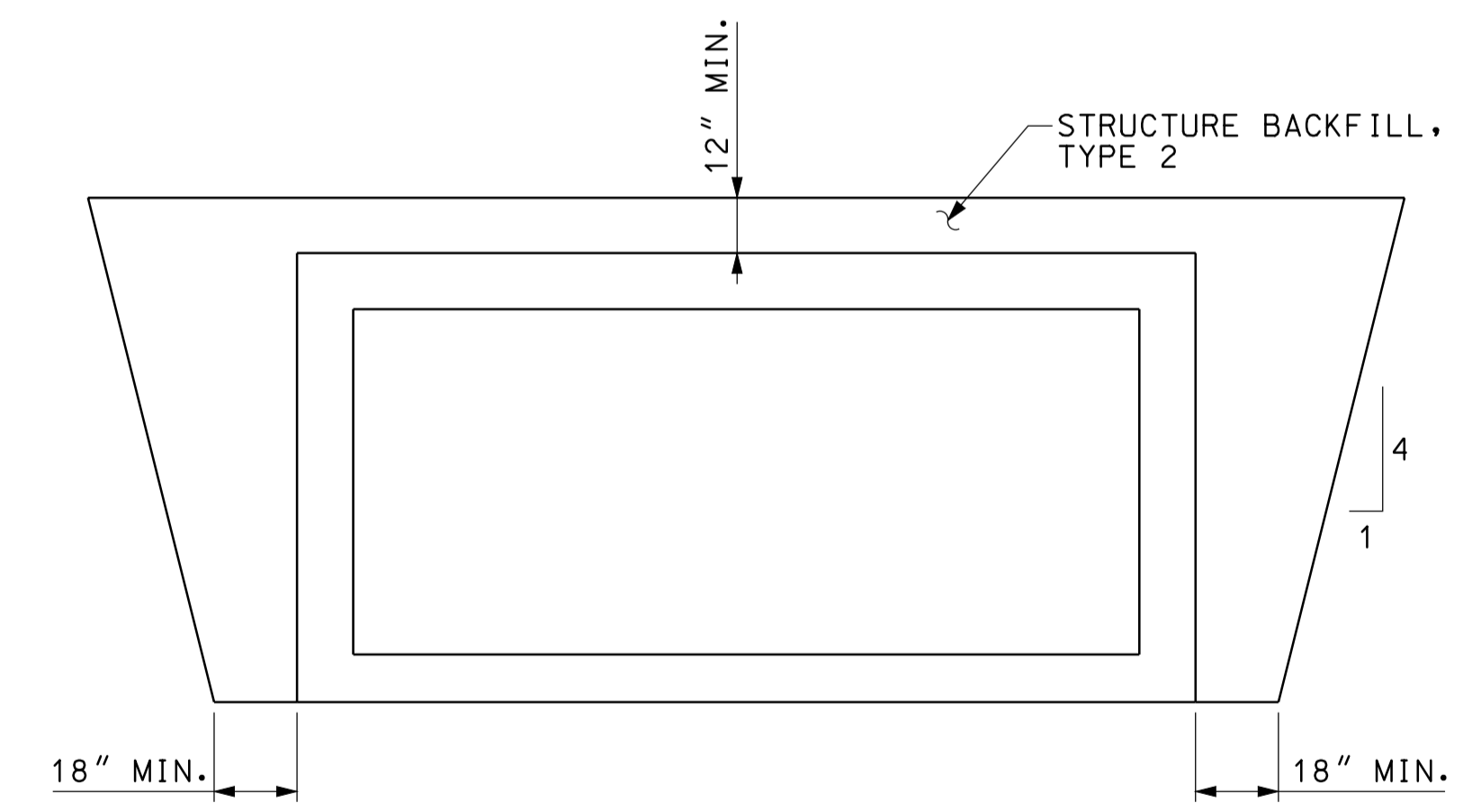
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1" = 20'	
VERTICAL SCALE	DESIGNATION
	0500445
SURVEY BOOK	DWG. NO. SHEET NO.
	PB-05 121 of 373
CONTRACT	PROJECT
IR-33051	0500445



PLAN  
SCALE: 1"=20'



END ELEVATION  
NOT TO SCALE



SECTION A-A  
NOT TO SCALE

**GENERAL NOTES**

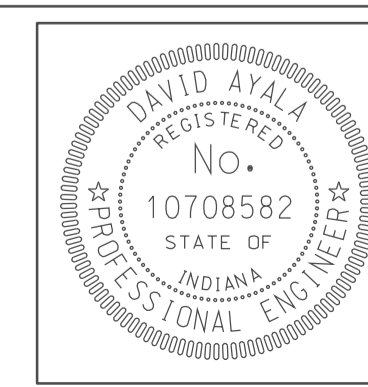
ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.  
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

**HYDRAULIC DATA**

DRAINAGE AREA	42.5 SQ. MI.
Q100	76 CFS.
Q100 ELEVATION	494.40 FT.
PROPOSED BACKWATER	0.06 FT.
Q100 VELOCITY	1.49 FPS.
AVERAGE FLOW LINE ELEVATION	491.64 FT.

OVERFLOW STRUCTURE TO BRIDGE  
CROSSING NO. 274600 (DES. NO. 0500445)

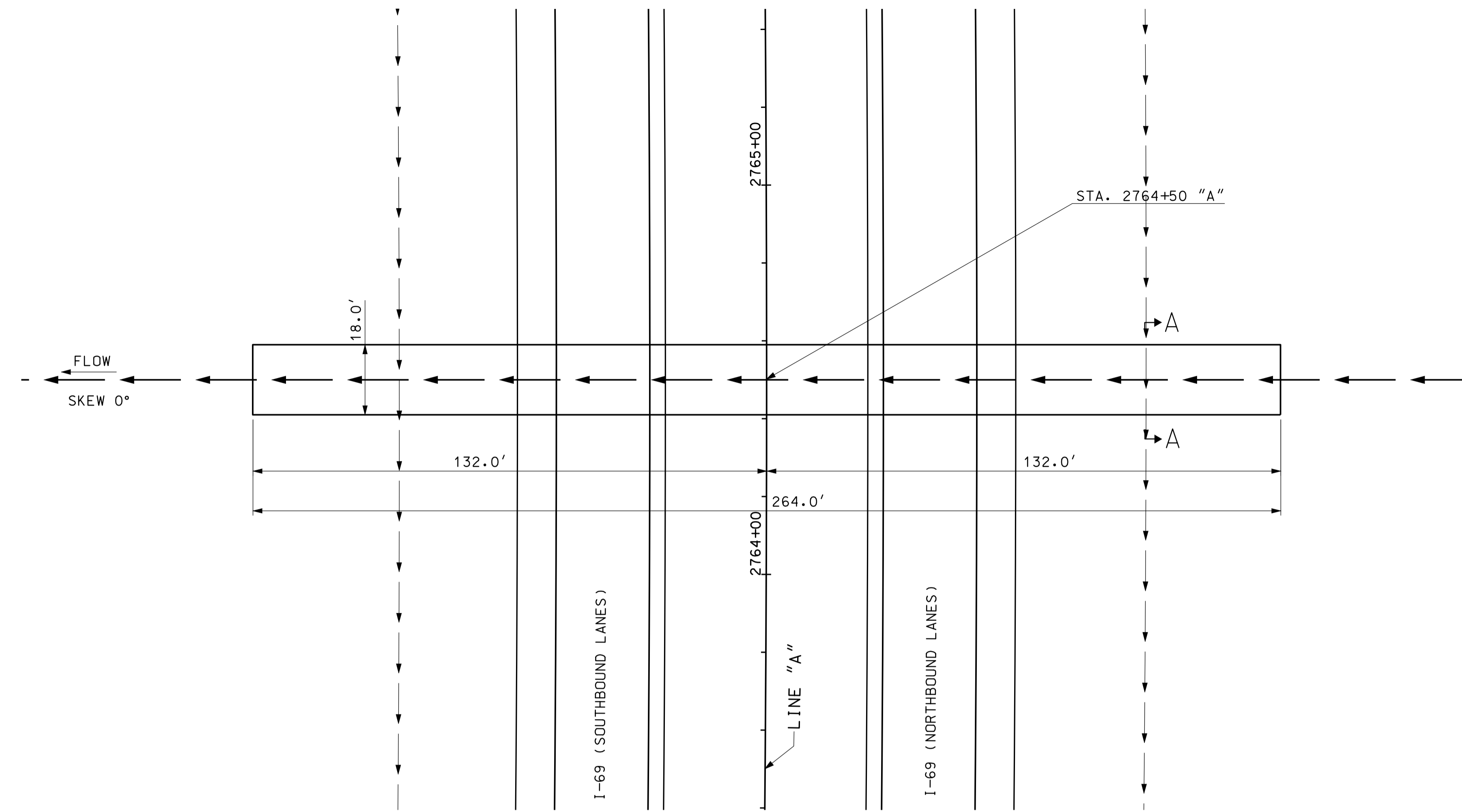
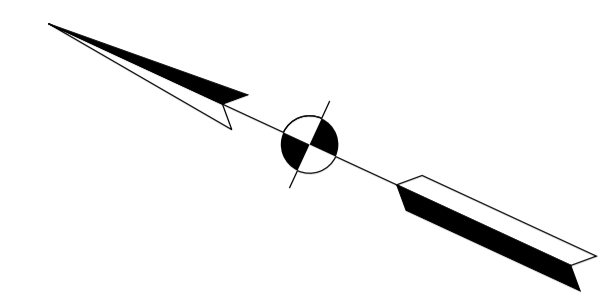
10/24/10  
 10-44  
 IP\_PWP-IR-33051-025A-SE-03-13-0006.dgn



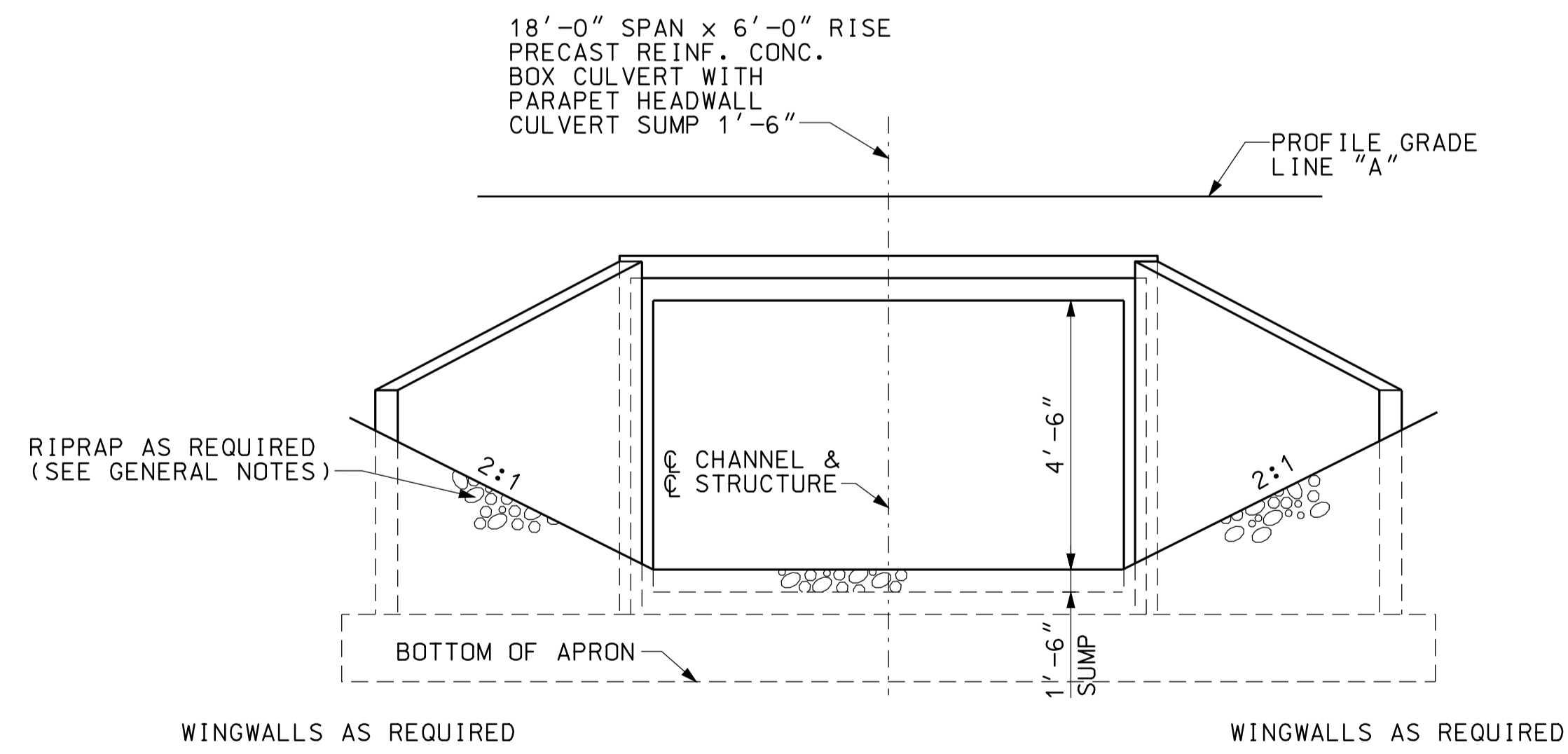
RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
DESIGNED:	CLE	DRAWN:
CHECKED:	KLR	CHECKED:
		DH
		DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION  
  
CULVERT DETAILS  
CROSSING #276200

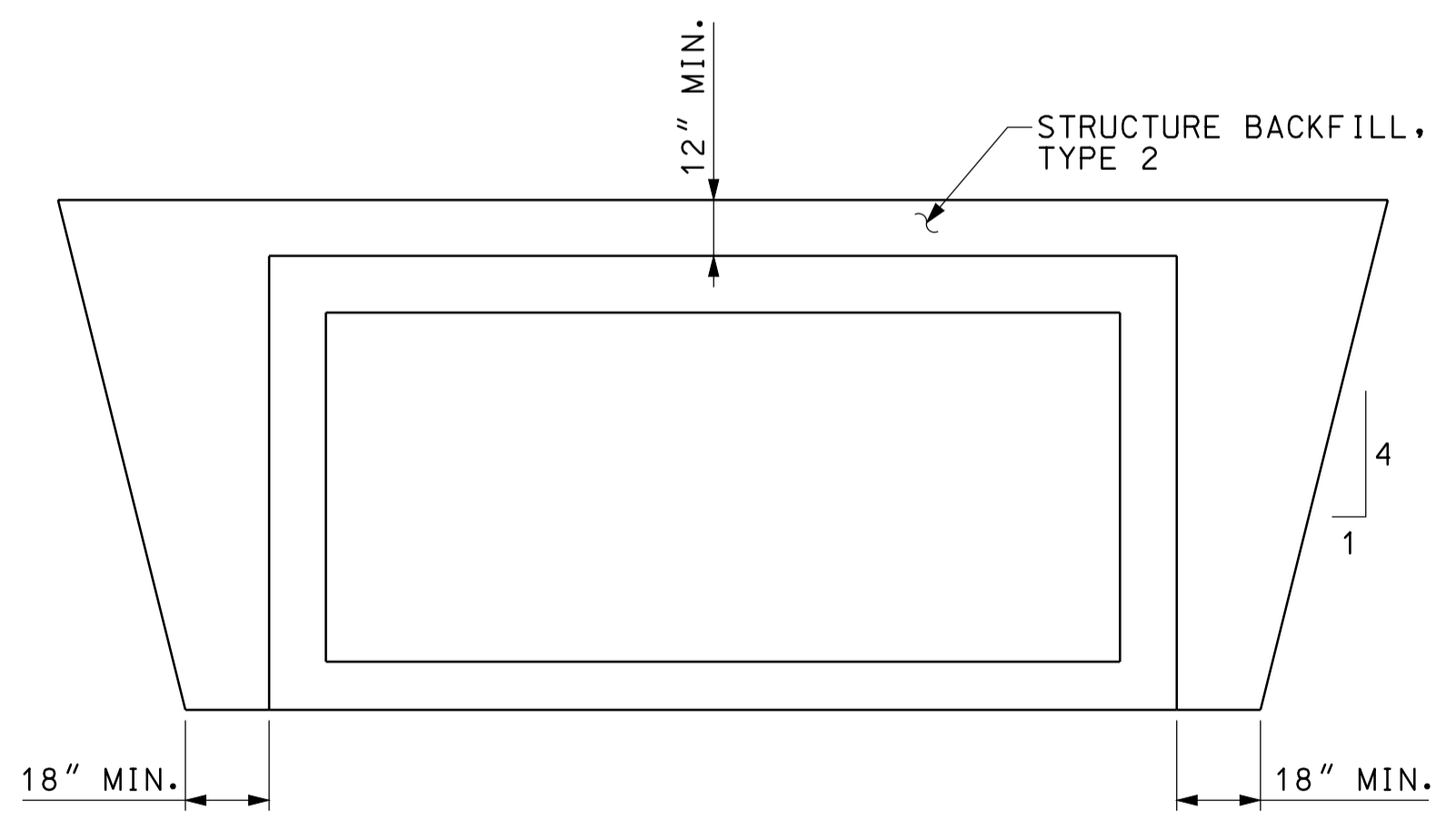
HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PB-06	122 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



PLAN  
SCALE: 1"=20'



END ELEVATION  
NOT TO SCALE



SECTION A-A  
NOT TO SCALE

**GENERAL NOTES**

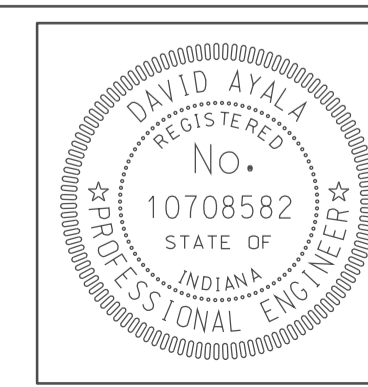
ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.  
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

**HYDRAULIC DATA**

DRAINAGE AREA	42.5 SQ. MI.
Q100	50 CFS.
Q100 ELEVATION	494.40 FT.
PROPOSED BACKWATER	0.06 FT.
Q100 VELOCITY	1.23 FPS.
AVERAGE FLOW LINE ELEVATION	492.37 FT.

OVERFLOW STRUCTURE TO BRIDGE  
CROSSING NO. 274600 (DES. NO. 0500445)

10-44  
 10/25/2010  
 IP\_PWP-8160025A-SE-03-0007.dgn

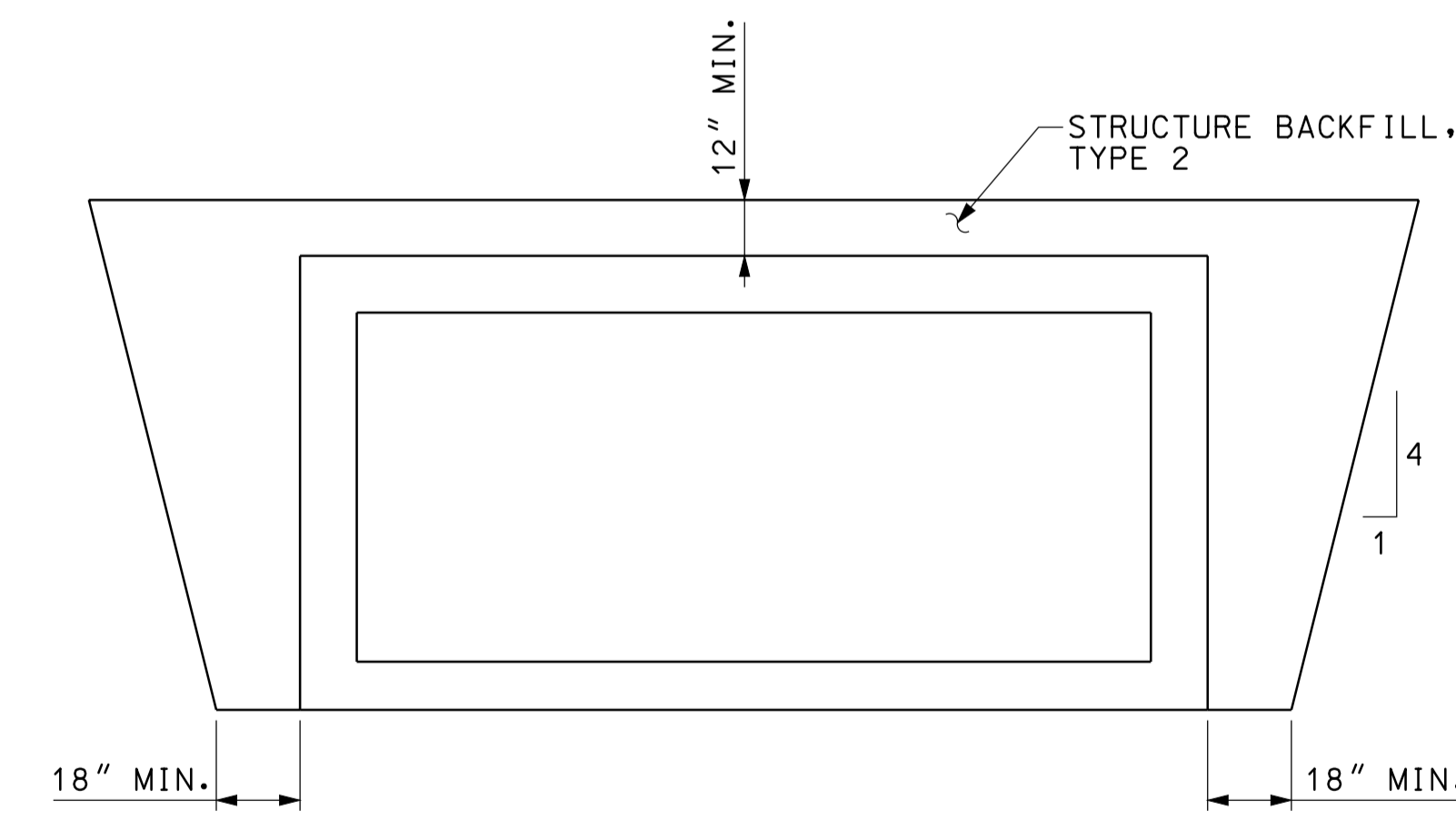
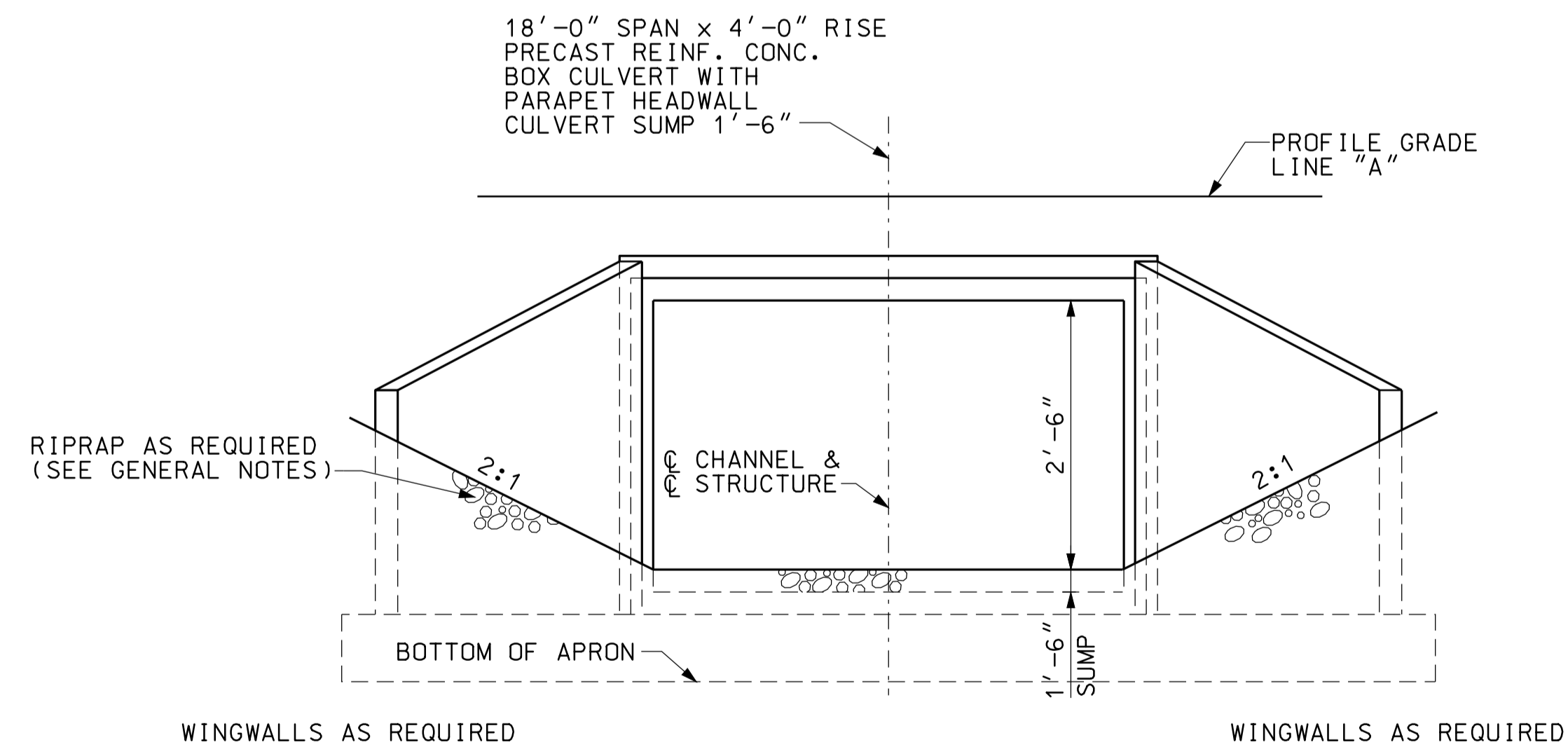
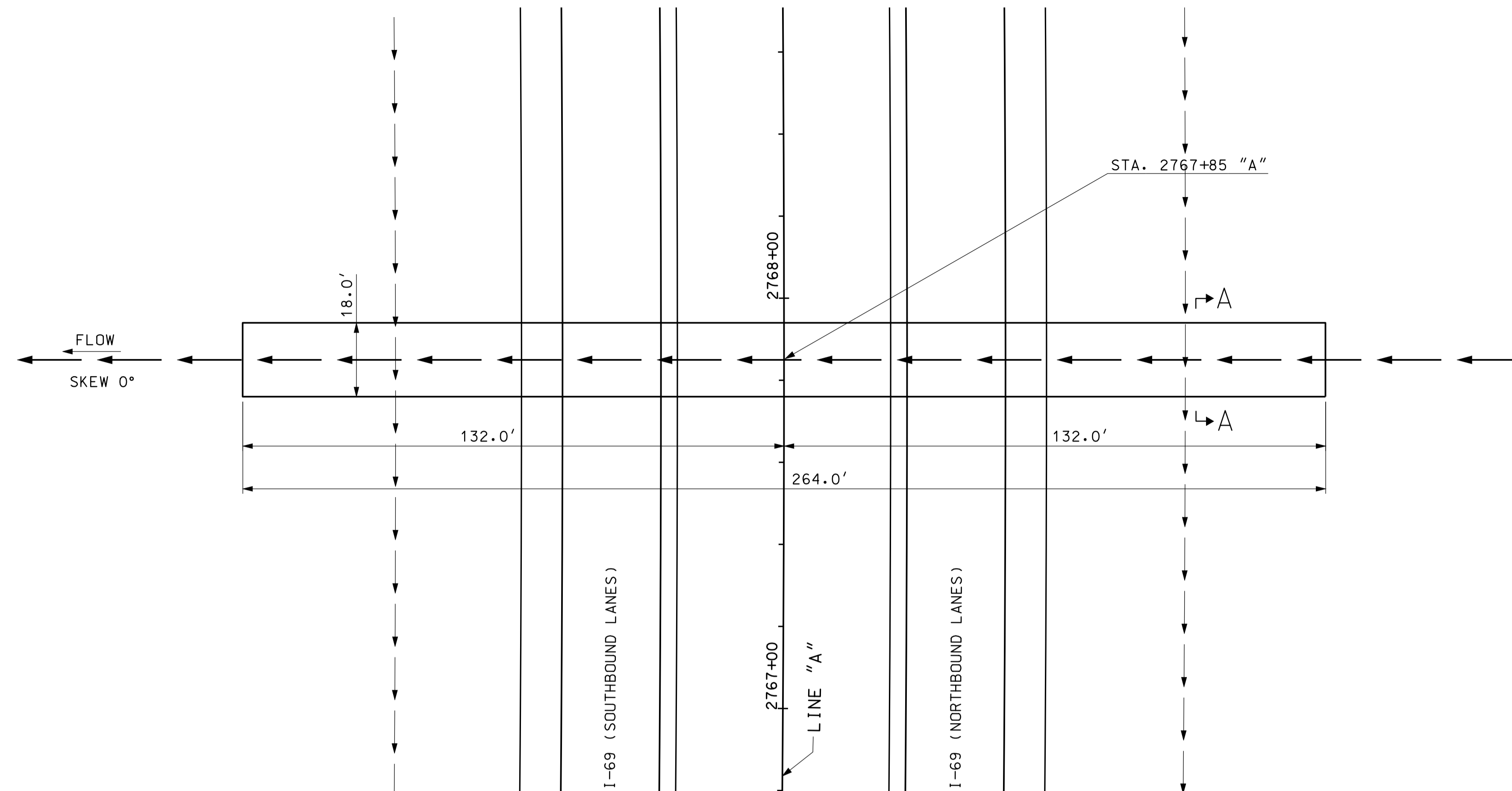
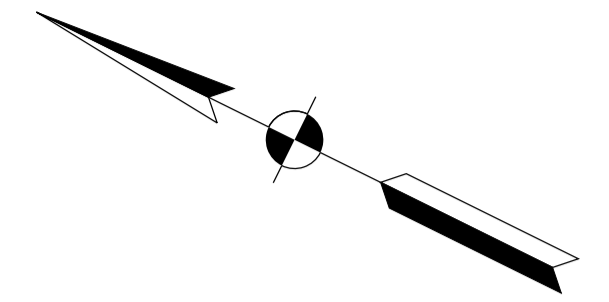


RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
	DESIGN ENGINEER	DATE
DESIGNED:	CLE	DRAWN:
		DH
CHECKED:	KLR	CHECKED:
		DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS  
CROSSING #276500

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PB-07	123 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



**GENERAL NOTES**

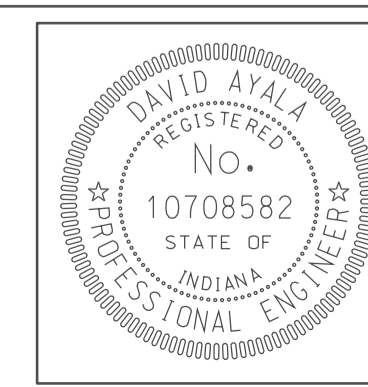
ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.  
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

**HYDRAULIC DATA**

DRAINAGE AREA	42.5 SQ. MI.
Q100	32 CFS.
Q100 ELEVATION	494.40 FT.
PROPOSED BACKWATER	0.06 FT.
Q100 VELOCITY	1.01 FPS.
AVERAGE FLOW LINE ELEVATION	492.93 FT.

OVERFLOW STRUCTURE TO BRIDGE  
CROSSING NO. 274600 (DES. NO. 0500445)

10-44  
 10/25/2010  
 IP\_PWP-816025A-SEG3PBD008.dgn

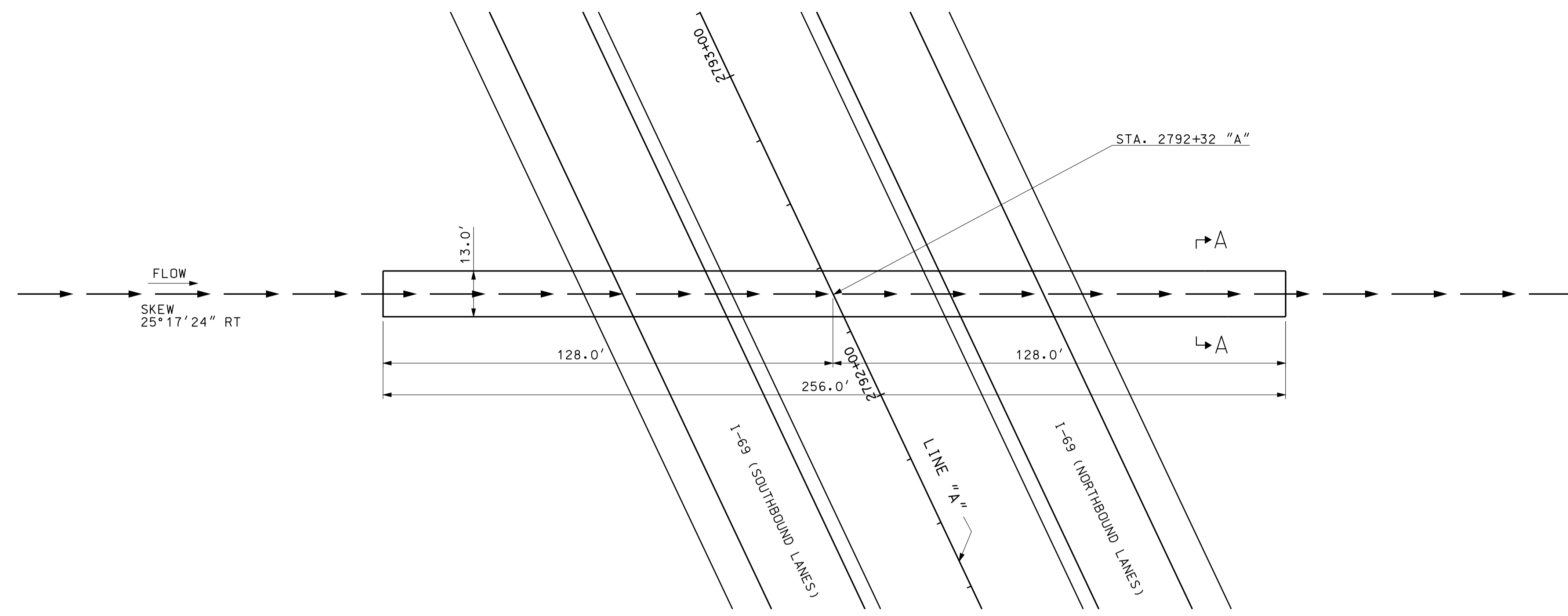
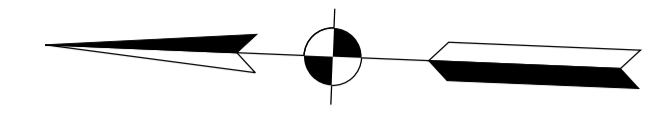


RECOMMENDED FOR APPROVAL	<i>com jo</i>	5/5/10
DESIGNED:	CLE	DRAWN:
CHECKED:	KLR	CHECKED:
		DH
		DMA

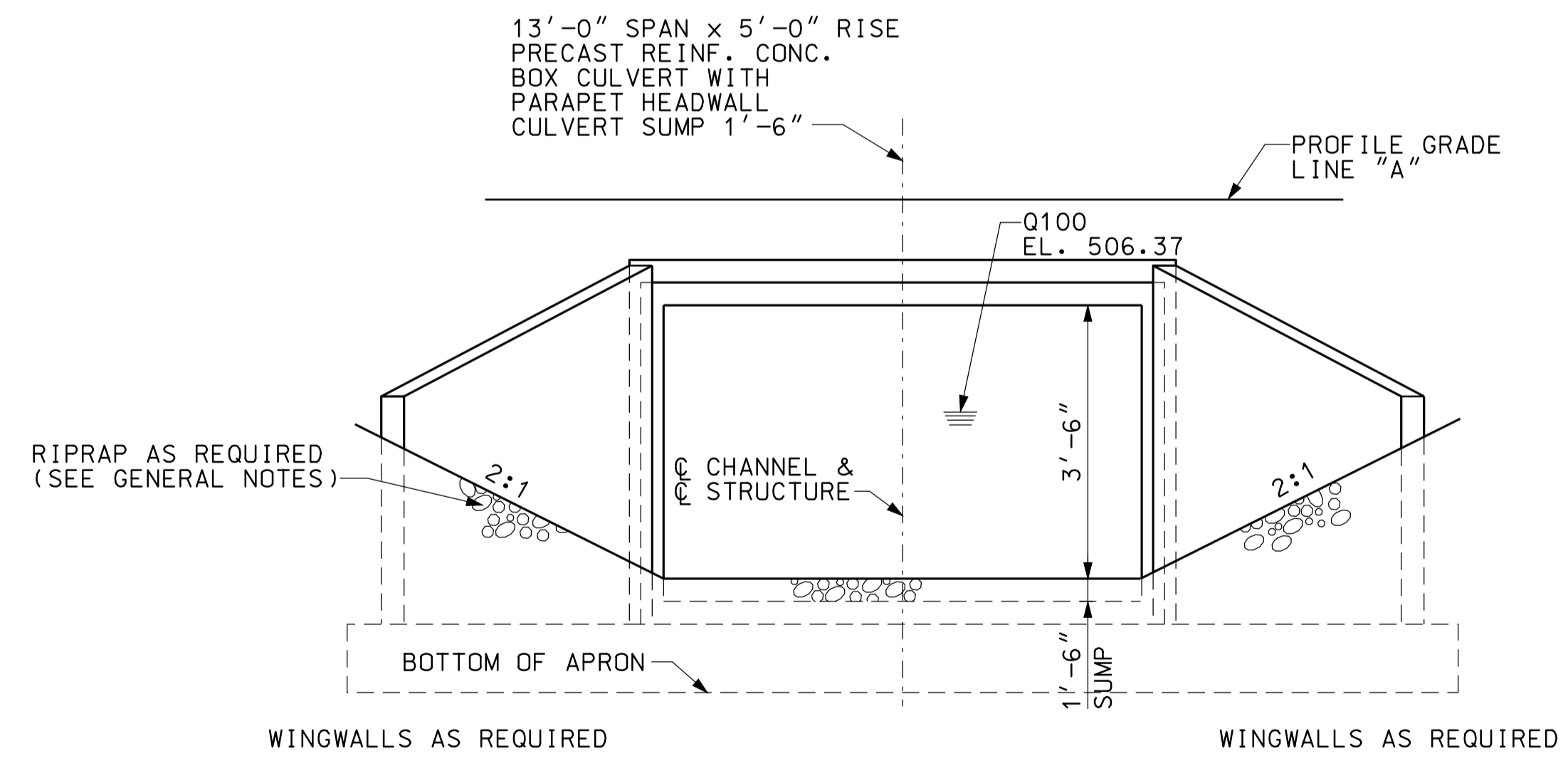
INDIANA  
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS  
CROSSING #276800

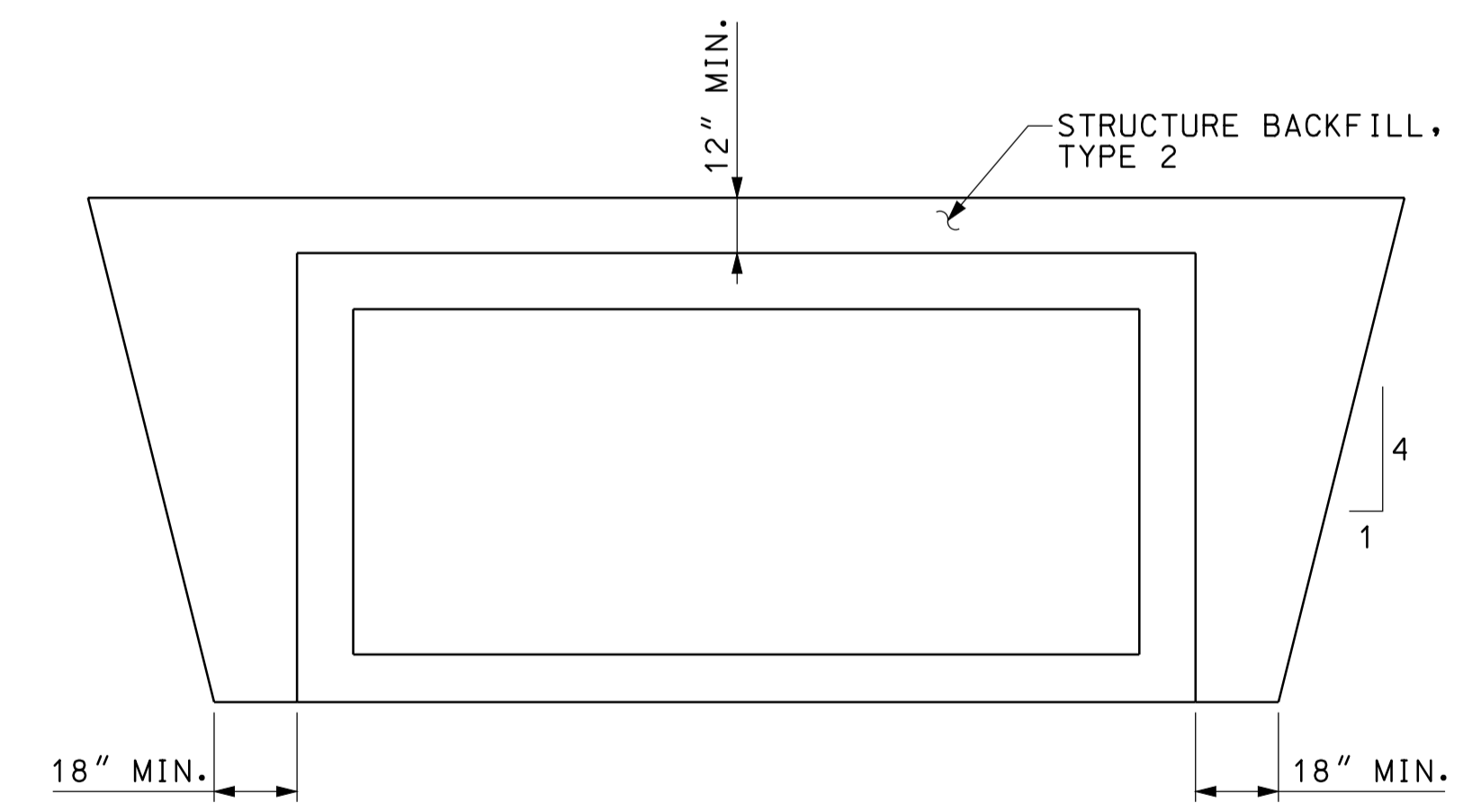
HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PB-08	124 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



PLAN  
SCALE: 1"=20'



END ELEVATION  
NOT TO SCALE



SECTION A-A  
NOT TO SCALE

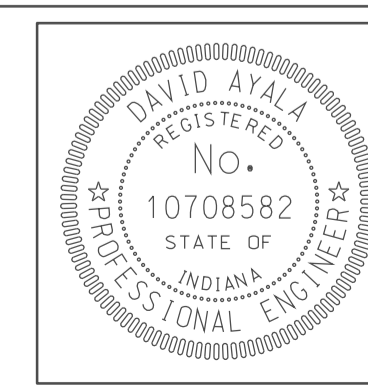
**GENERAL NOTES**

ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.  
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

**HYDRAULIC DATA**

DRAINAGE AREA	82.65 AC.
Q100	118 CFS.
Q100 ELEVATION	506.37 FT.
EXISTING BACKWATER	N/A
PROPOSED BACKWATER	0.06 FT
Q100 VELOCITY	3.93 FPS.
ROADWAY OVERFLOW WATERWAY AREA	0 FT.
AVERAGE FLOW LINE ELEVATION	502.89 FT.

10-44  
 10/25/10  
 IP\_PWP-810025A-SE-313P0009.dgn

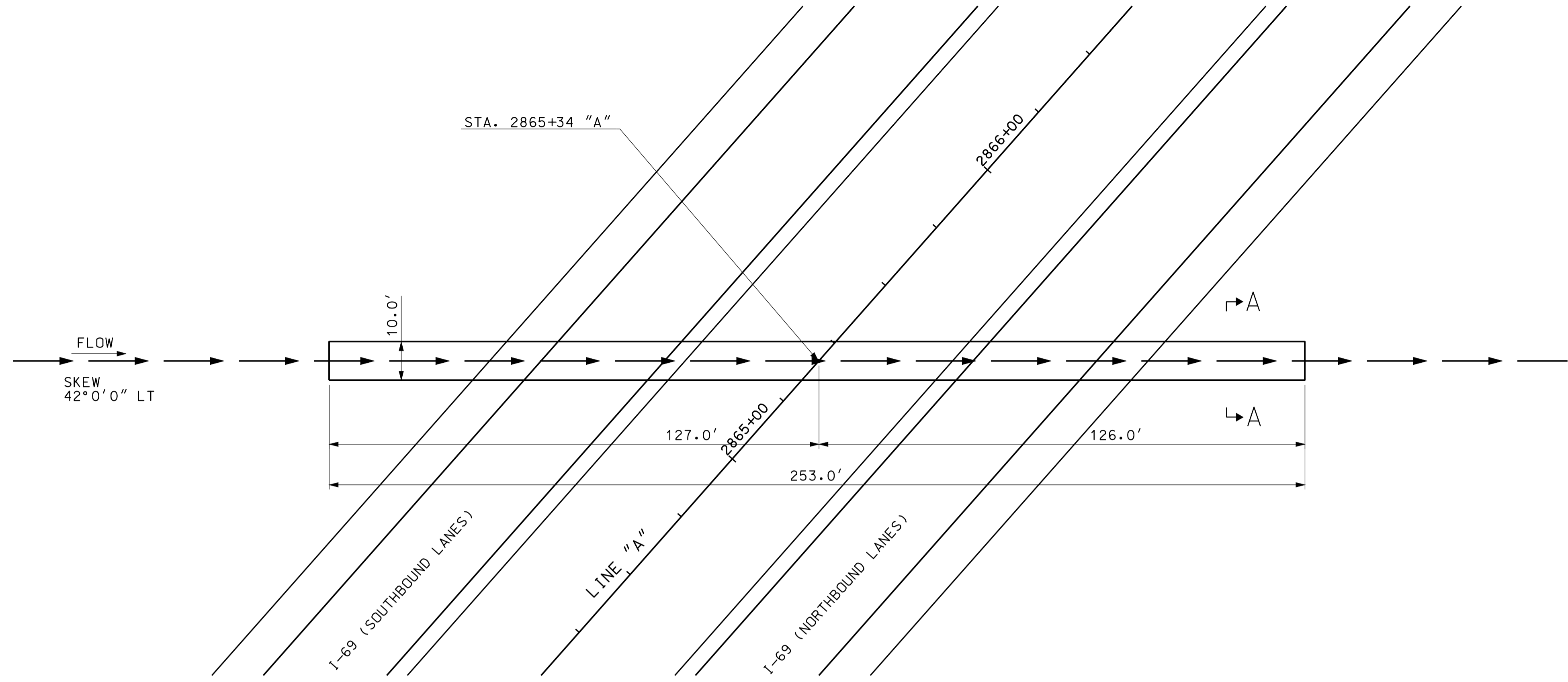
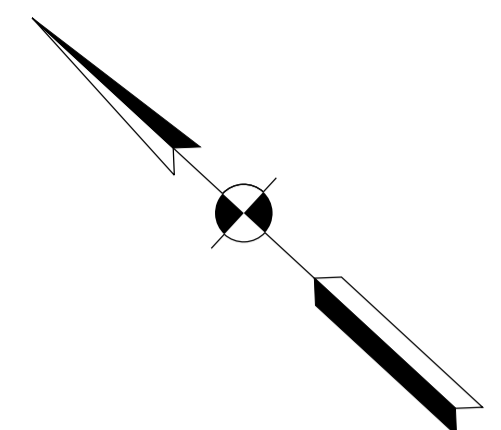


RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
DESIGNED:	CLE	DRAWN: DH
CHECKED:	KLR	CHECKED: DMA

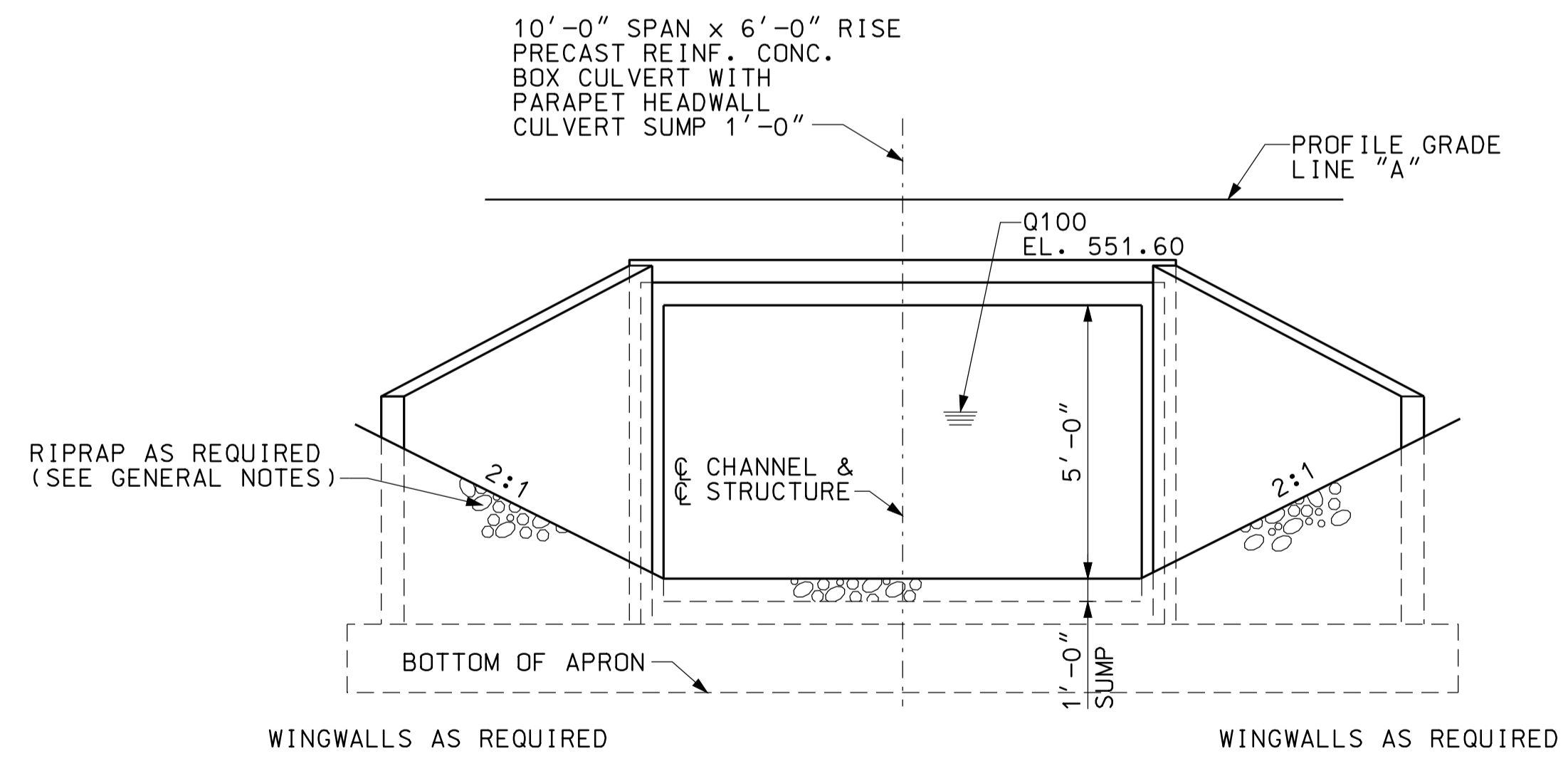
INDIANA  
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS  
CROSSING #279200

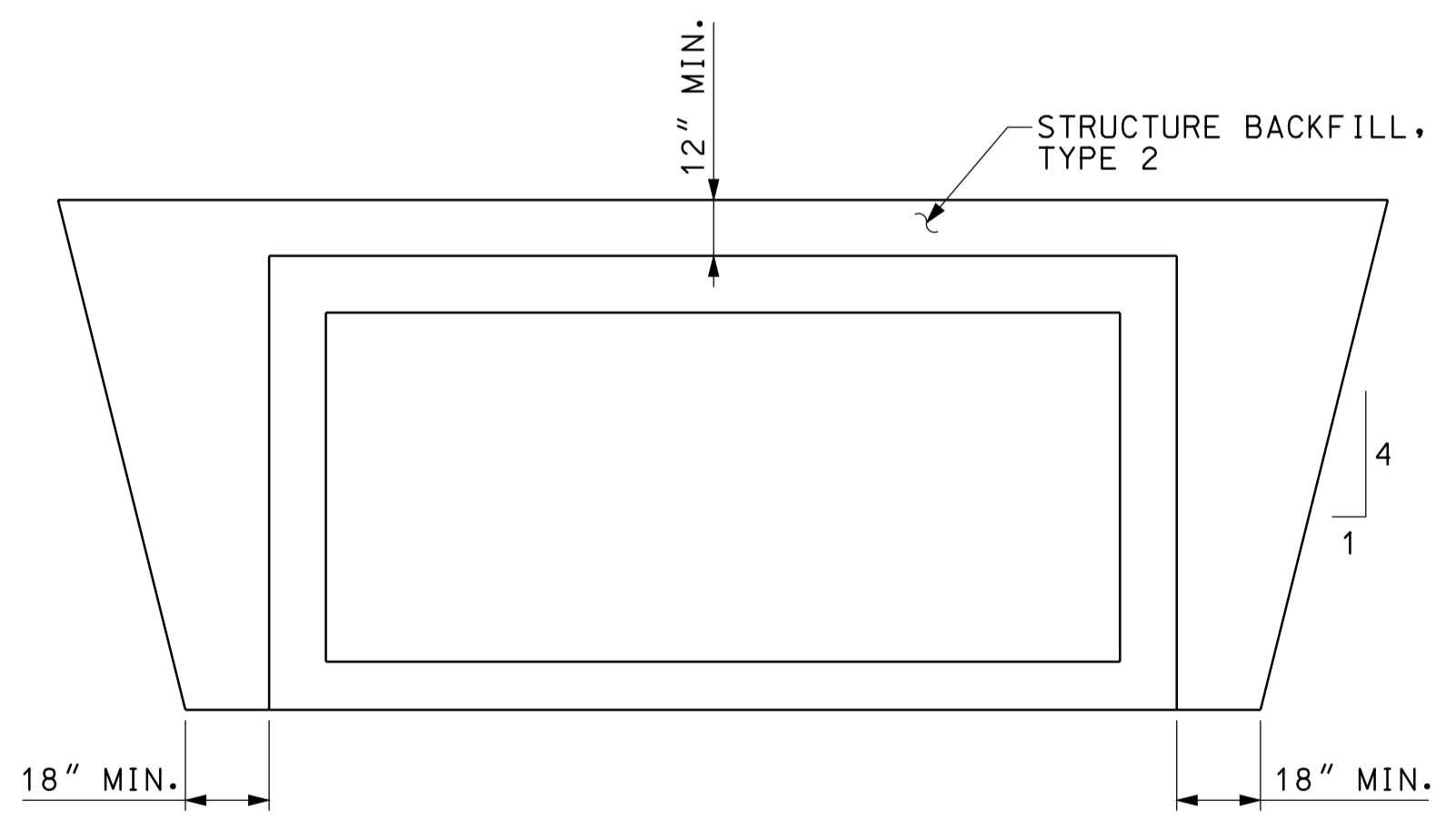
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	0500445
SURVEY BOOK	DWG. NO. SHEET NO.
	PB-09 125 of 373
CONTRACT	PROJECT
IR-33051	0500445



**PLAN**  
SCALE: 1"=20'



**END ELEVATION**  
NOT TO SCALE



**SECTION A-A**  
NOT TO SCALE

**GENERAL NOTES**

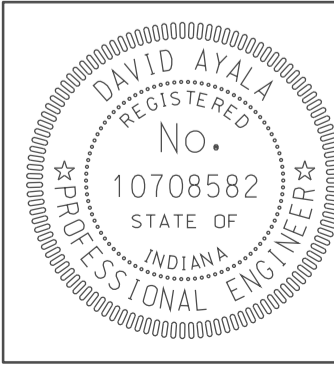
ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.  
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

**HYDRAULIC DATA**

DRAINAGE AREA	119.04 AC.
Q100	161 CFS.
Q100 ELEVATION	551.60 FT.
EXISTING BACKWATER	N/A
PROPOSED BACKWATER	0.20 FT.
ROADWAY OVERFLOW WATERWAY AREA	0 FT.
AVERAGE FLOW LINE ELEVATION	546.21 FT.

HYDRAULIC COMPUTATION COMPLETED BY SEC

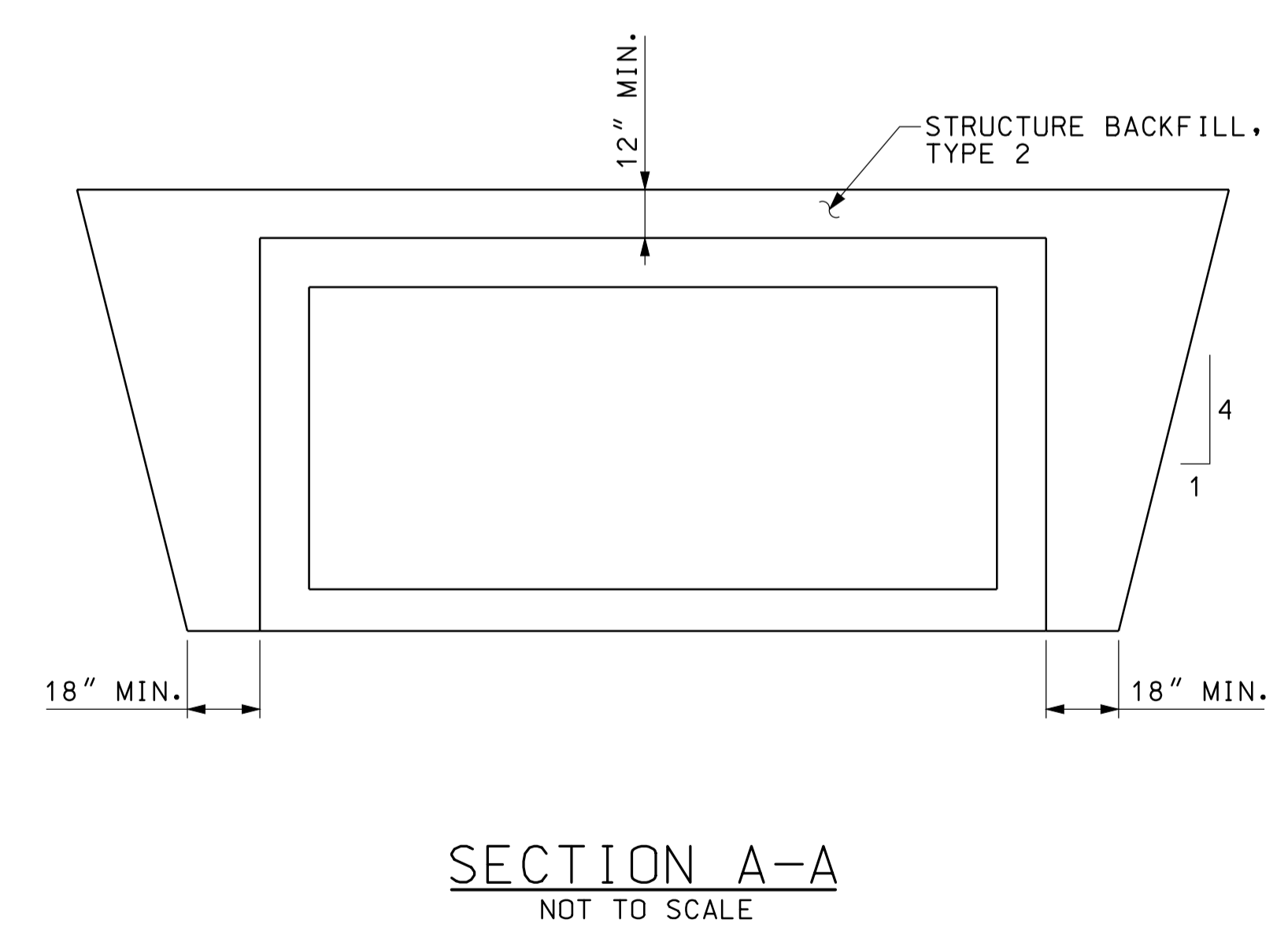
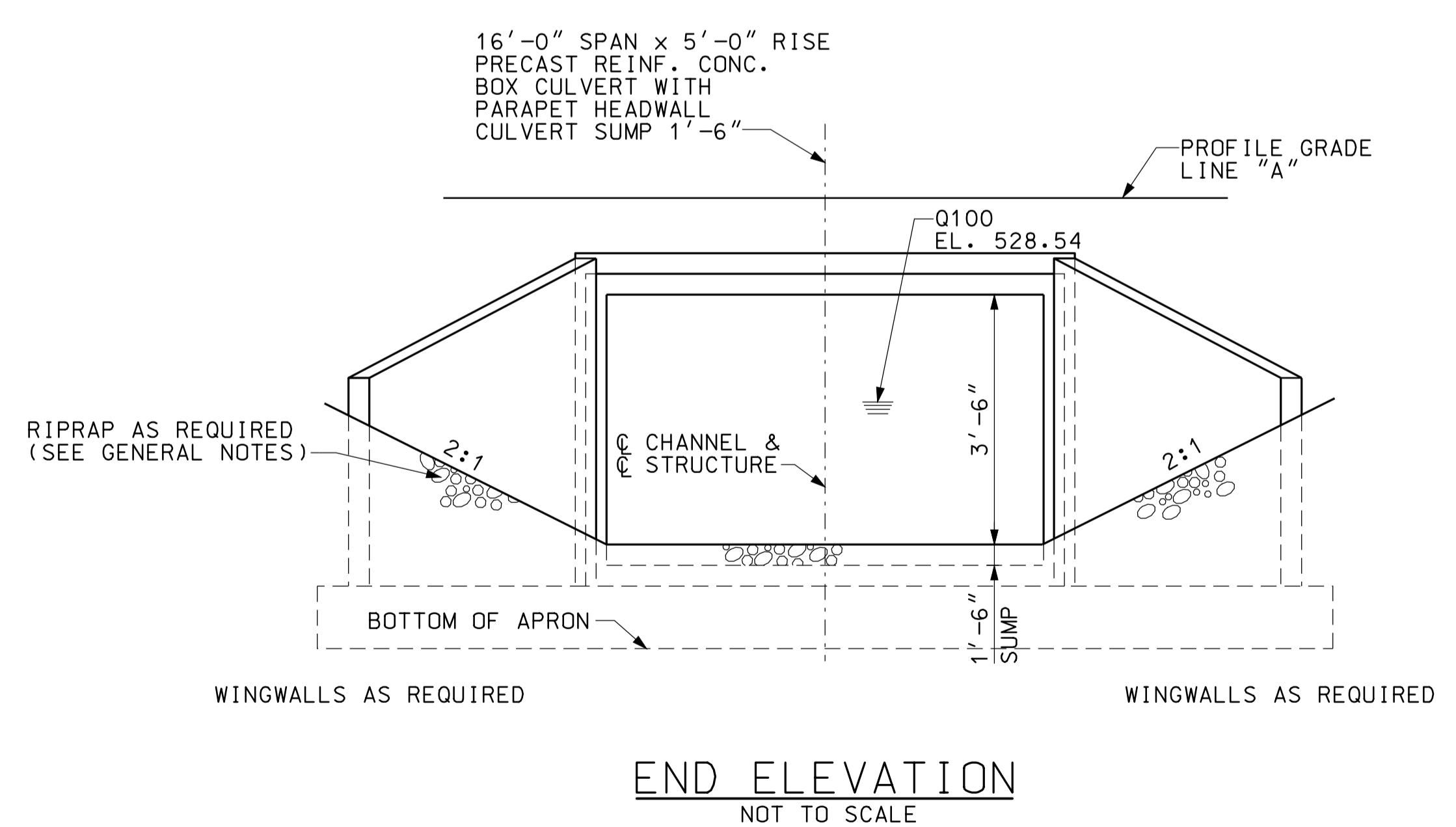
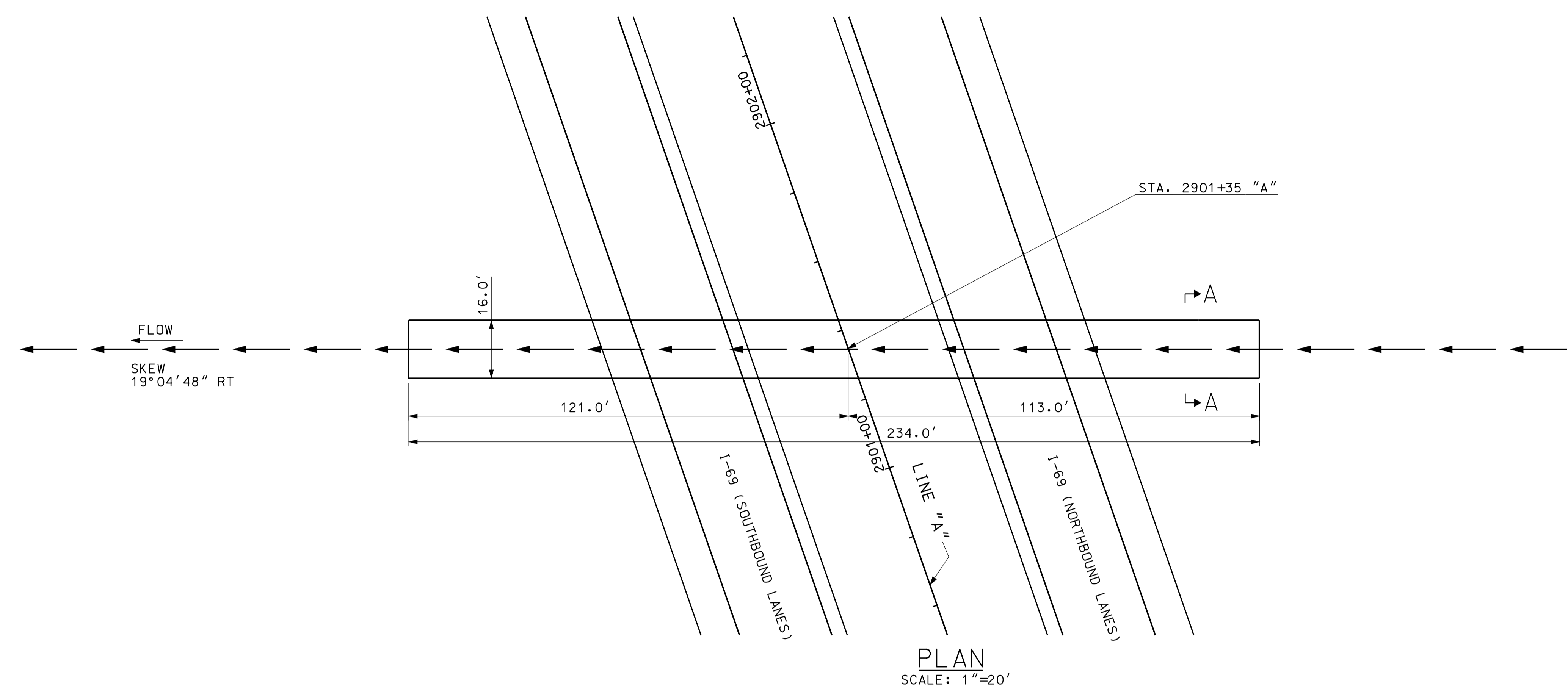
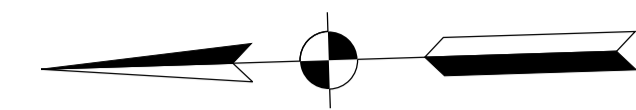
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RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
DESIGNED:	CLE	DRAWN: DH
CHECKED:	KLR	CHECKED: DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION  
**CULVERT DETAILS  
CROSSING #286500**

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	DWG. NO. SHEET NO.
	PB-10 126 of 373
CONTRACT	PROJECT
IR-33051	0500445



**GENERAL NOTES**

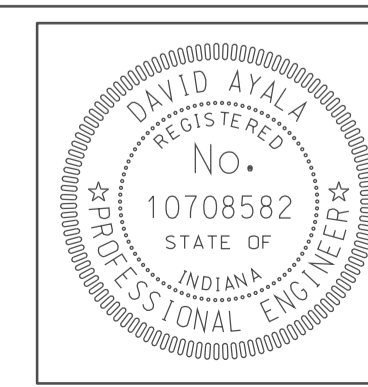
ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.  
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

**HYDRAULIC DATA**

DRAINAGE AREA	141.24 AC.
Q100	176 CFS.
Q100 ELEVATION	528.54 FT.
EXISTING BACKWATER	N/A
PROPOSED BACKWATER	0.45 FT.
Q100 VELOCITY	5.02 FPS.
ROADWAY OVERFLOW WATERWAY AREA	0 FT.
AVERAGE FLOW LINE ELEVATION	524.35 FT.

BACKWATER DISSIPATES TO 0.14' OR LESS AT ROW

10/24/10  
 10-45  
 IP\_PWP-80025A-SEG3-3PBD01.dgn

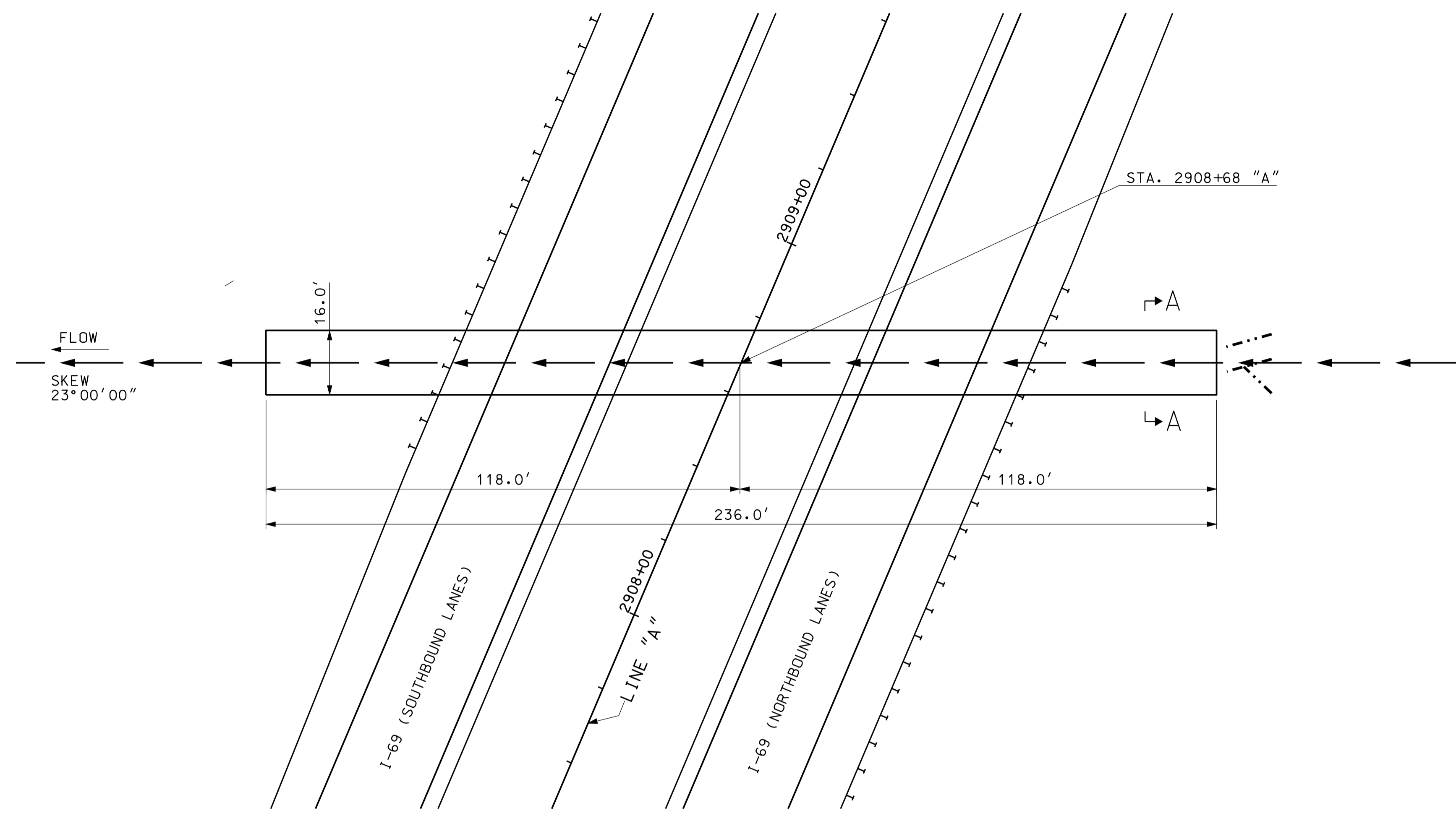
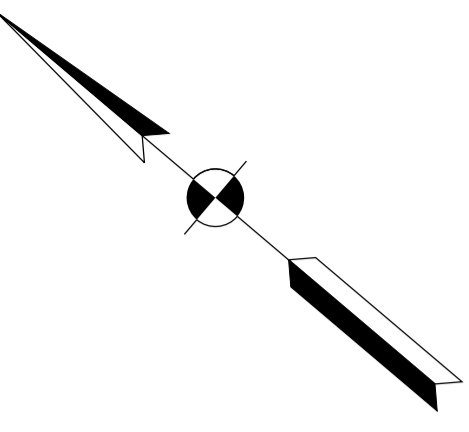


RECOMMENDED FOR APPROVAL	<i>com jo</i>	5/5/10
DESIGNED:	CLE	DRAWN:
CHECKED:	KLR	CHECKED:
		DH
		DMA

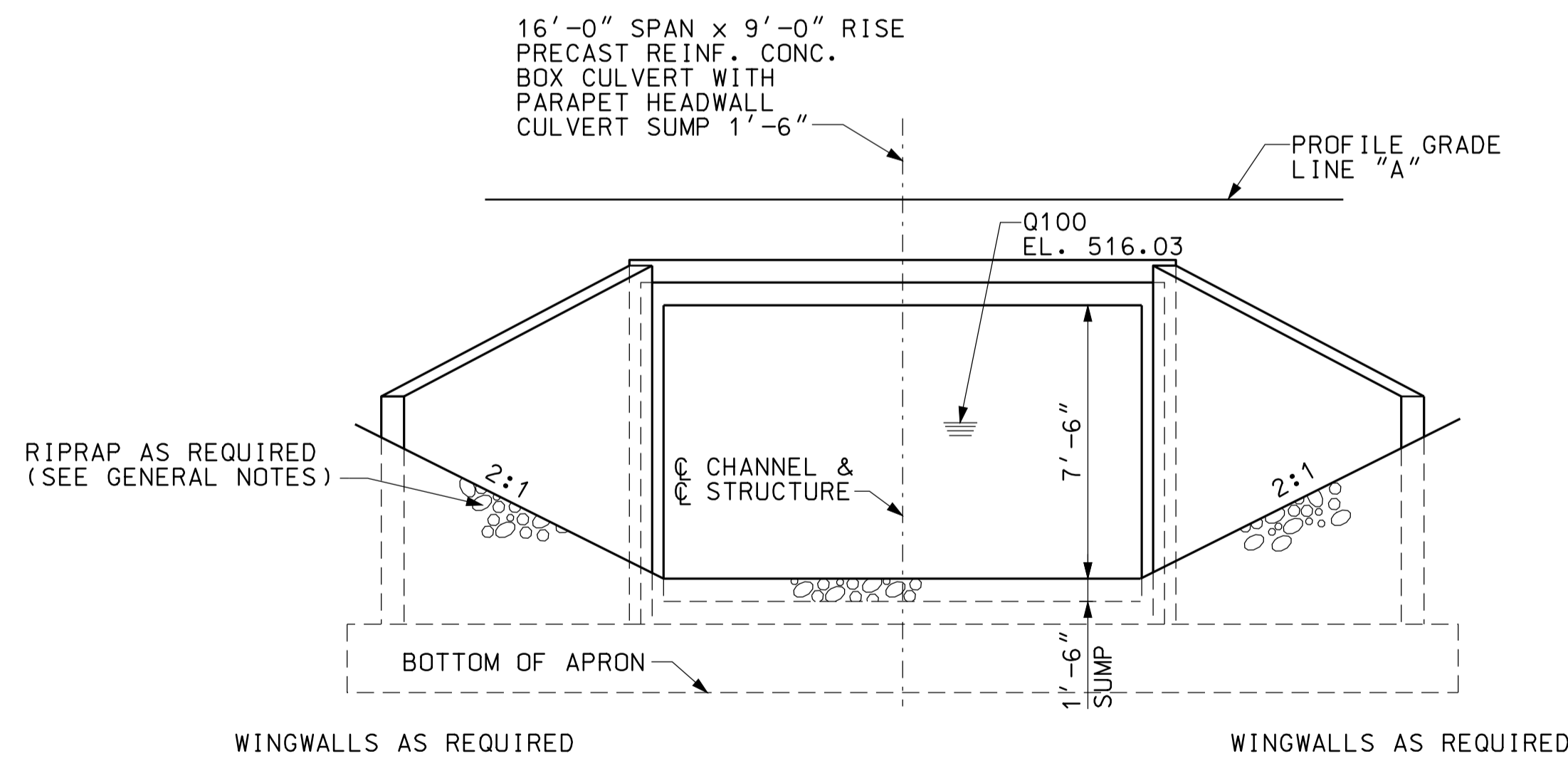
INDIANA  
DEPARTMENT OF TRANSPORTATION

**CULVERT DETAILS  
CROSSING #290100**

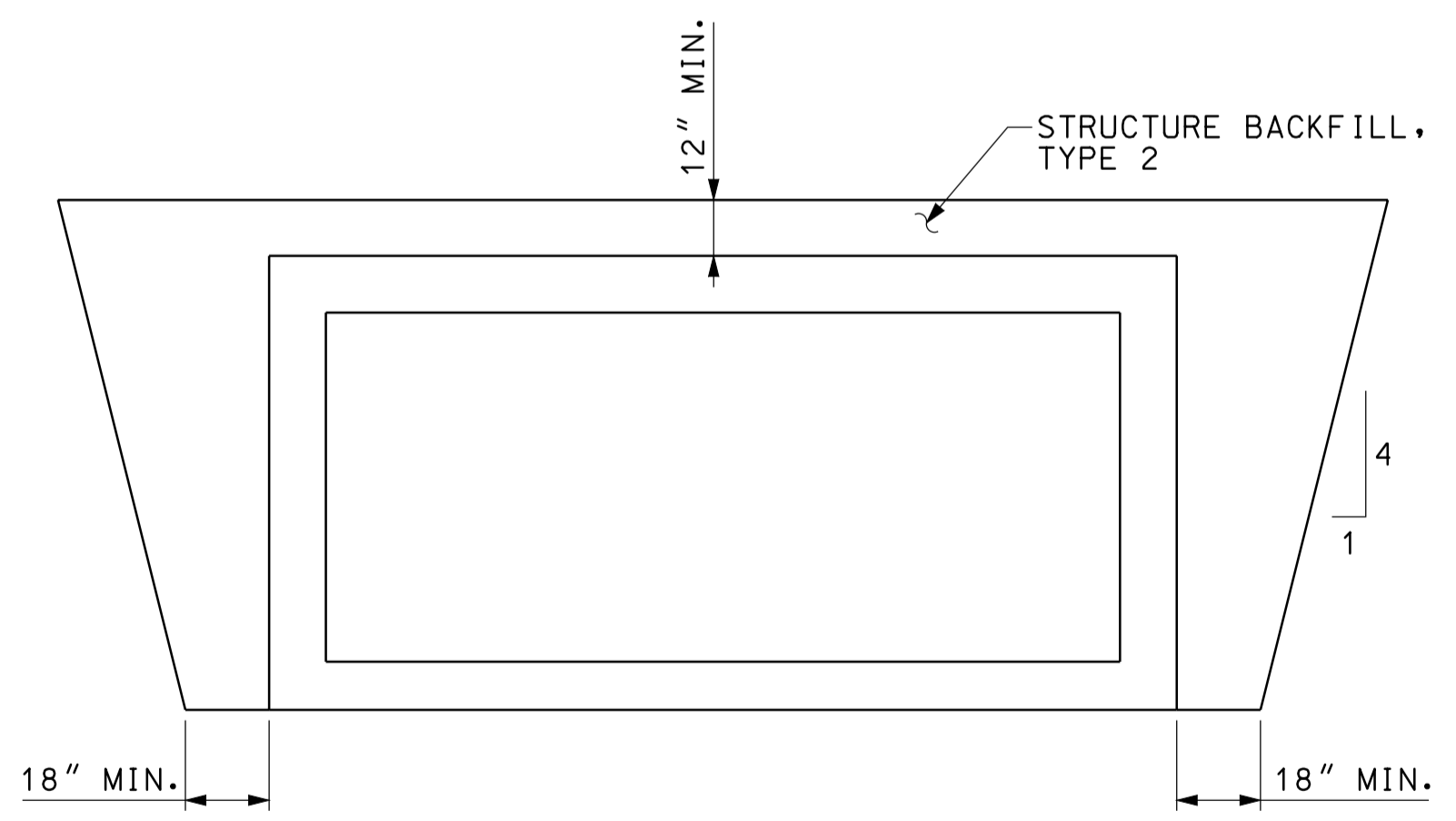
HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
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SURVEY BOOK	DWG. NO.	SHEET NO.
	PB-11	127 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



PLAN  
SCALE: 1"=20'



END ELEVATION  
NOT TO SCALE



SECTION A-A  
NOT TO SCALE

GENERAL NOTES

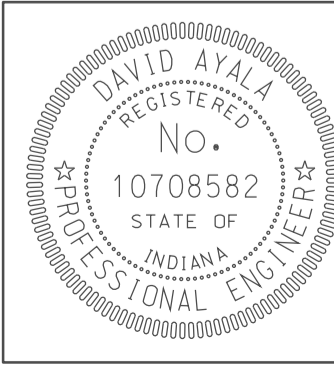
ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.  
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

HYDRAULIC DATA

DRAINAGE AREA	398 AC.
Q100	334 CFS.
Q100 ELEVATION	516.03 FT.
EXISTING BACKWATER	N/A
PROPOSED BACKWATER	0.14 FT
Q100 VELOCITY	FPS.
ROADWAY OVERFLOW WATERWAY AREA	0 FT.
AVERAGE FLOW LINE ELEVATION	509.65 FT.

BACKWATER DISSIPATES TO 0.14' OR LESS AT ROW

10-45  
IP\_PWP-810025A-SE-313B012.dgn



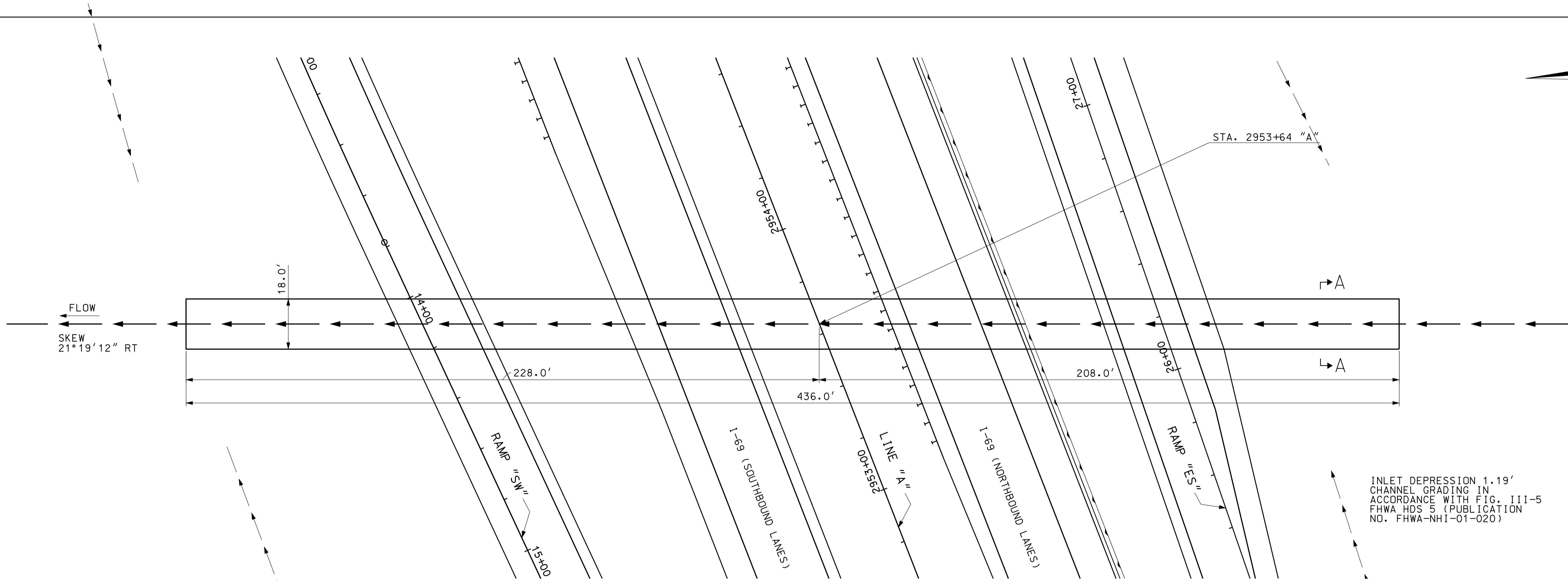
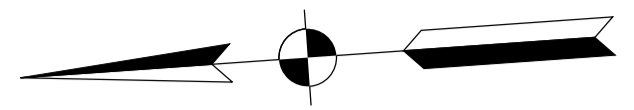
RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
	DESIGN ENGINEER	DATE
DESIGNED:	CLE	DRAWN:
		DH
CHECKED:	KLR	CHECKED:
		DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

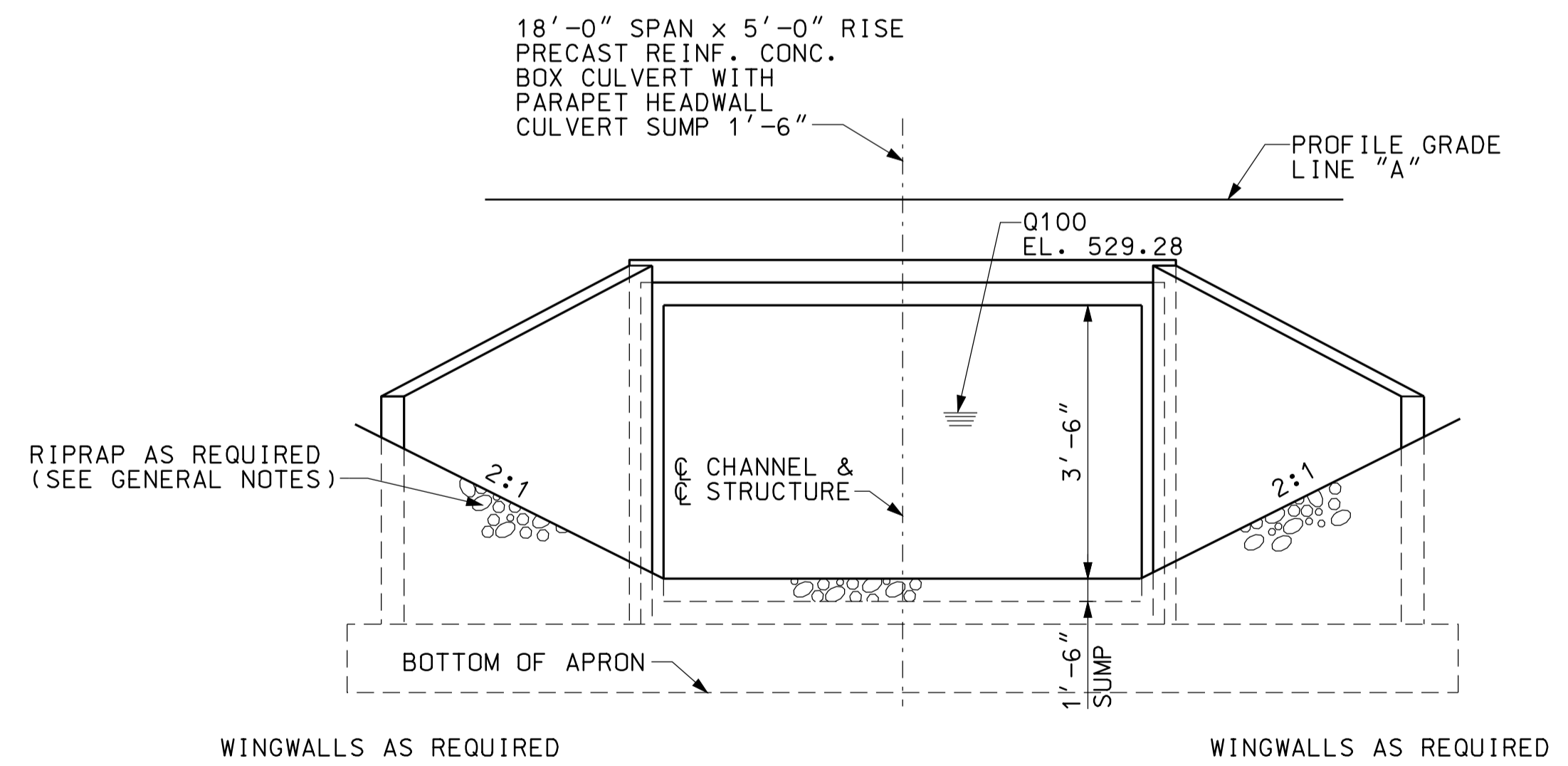
CULVERT DETAILS  
CROSSING #290900

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
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SURVEY BOOK	DWG. NO.	SHEET NO.
	PB-12	128 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

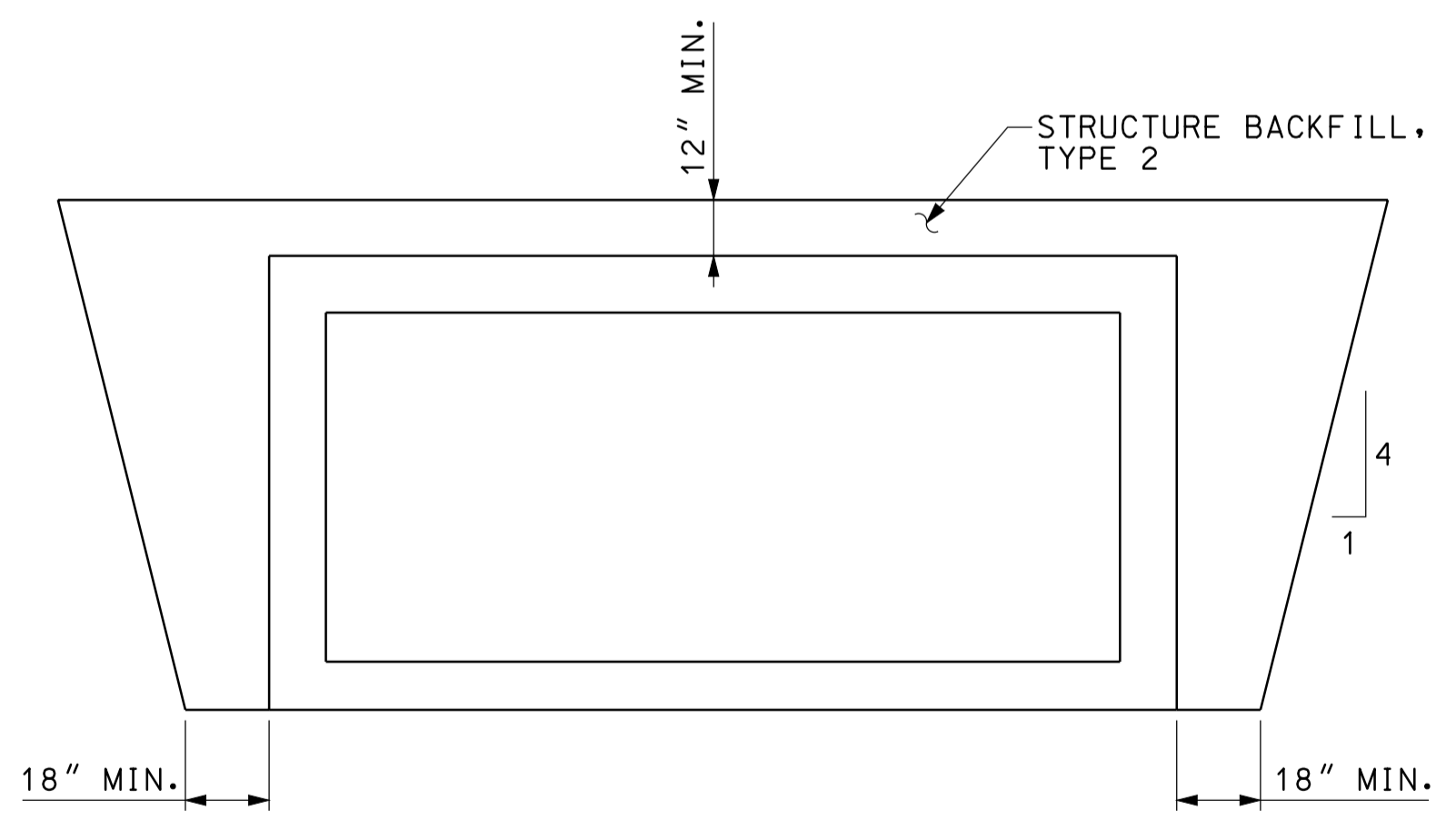




PLAN  
SCALE: 1"=20'



END ELEVATION  
NOT TO SCALE



SECTION A-A  
NOT TO SCALE

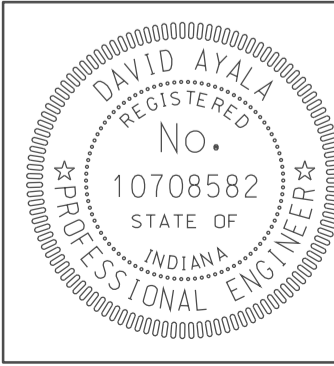
**GENERAL NOTES**

ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.  
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

**HYDRAULIC DATA**

DRAINAGE AREA	41.15 AC.
Q100	91 CFS.
Q100 ELEVATION	529.09 FT.
EXISTING BACKWATER	N/A
PROPOSED BACKWATER	0.80 FT.
Q100 VELOCITY	5.45 FPS.
ROADWAY OVERFLOW WATERWAY AREA	0 FT.
AVERAGE FLOW LINE ELEVATION	524.45 FT.

10-45  
IP\_PWP-810025A-SEG3PBD03.dgn

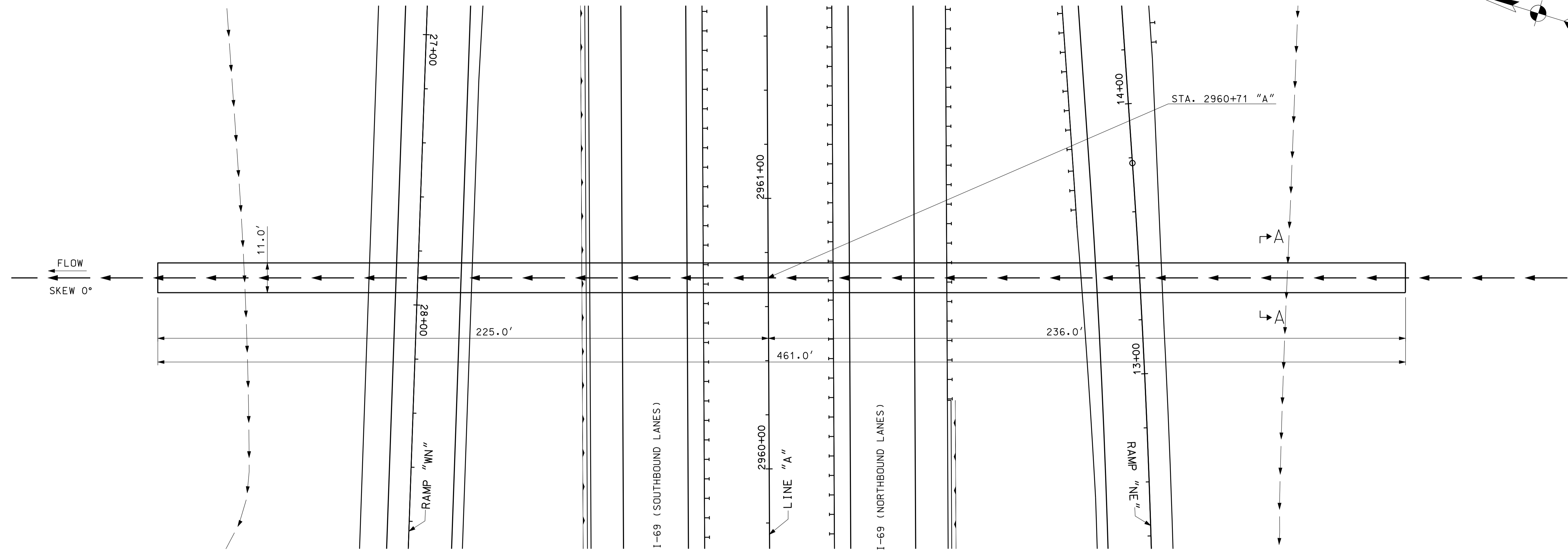
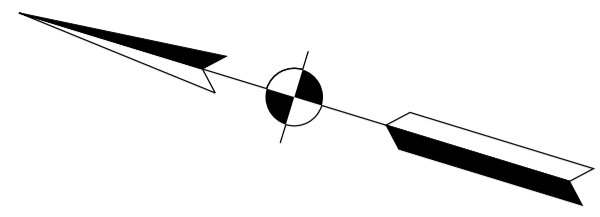


RECOMMENDED FOR APPROVAL	<i>com jg</i>	DESIGN ENGINEER	DATE
			5/5/10
DESIGNED:	CLE	DRAWN:	DH
CHECKED:	KLR	CHECKED:	DMA

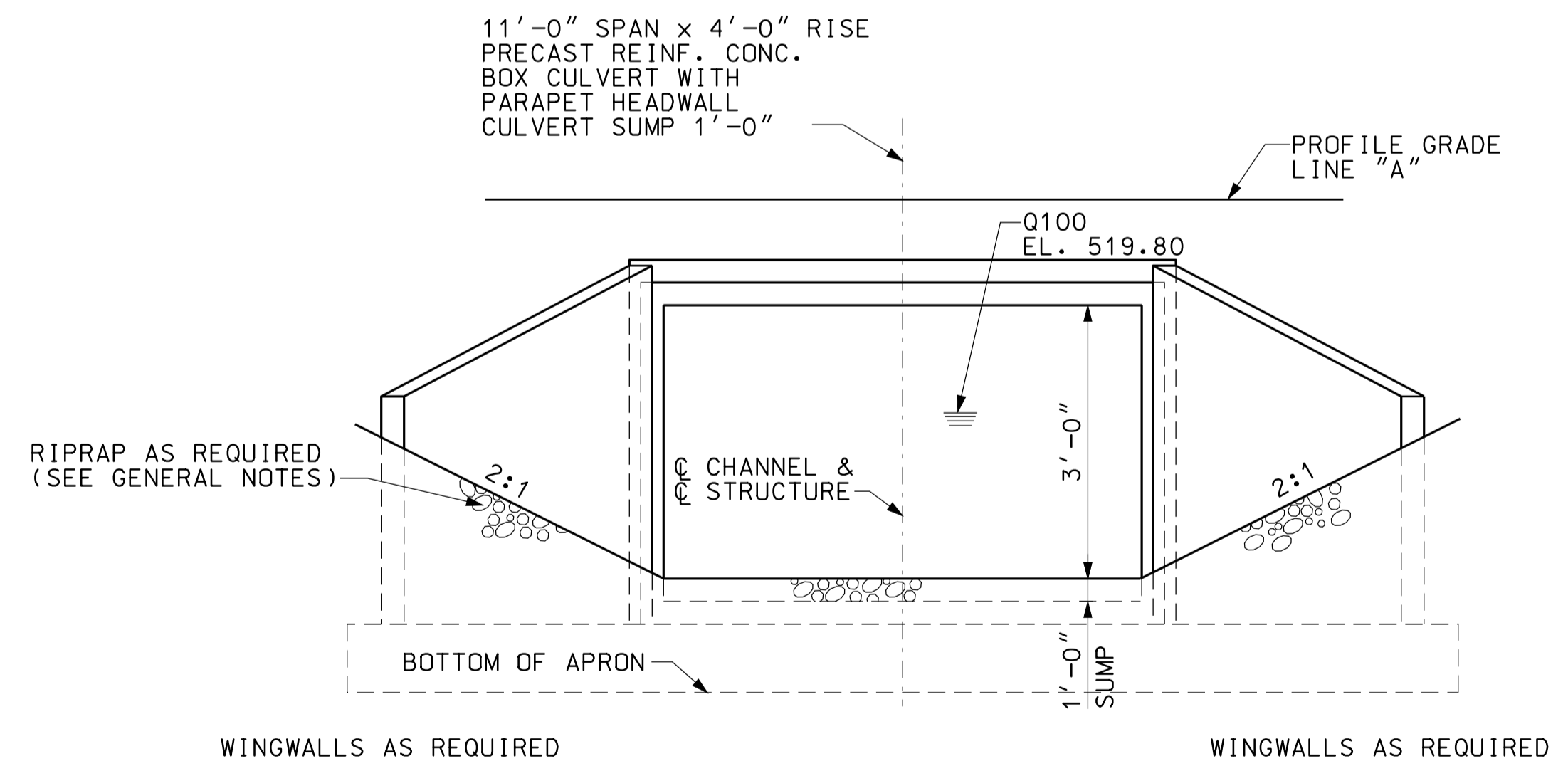
INDIANA  
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS  
CROSSING #295400

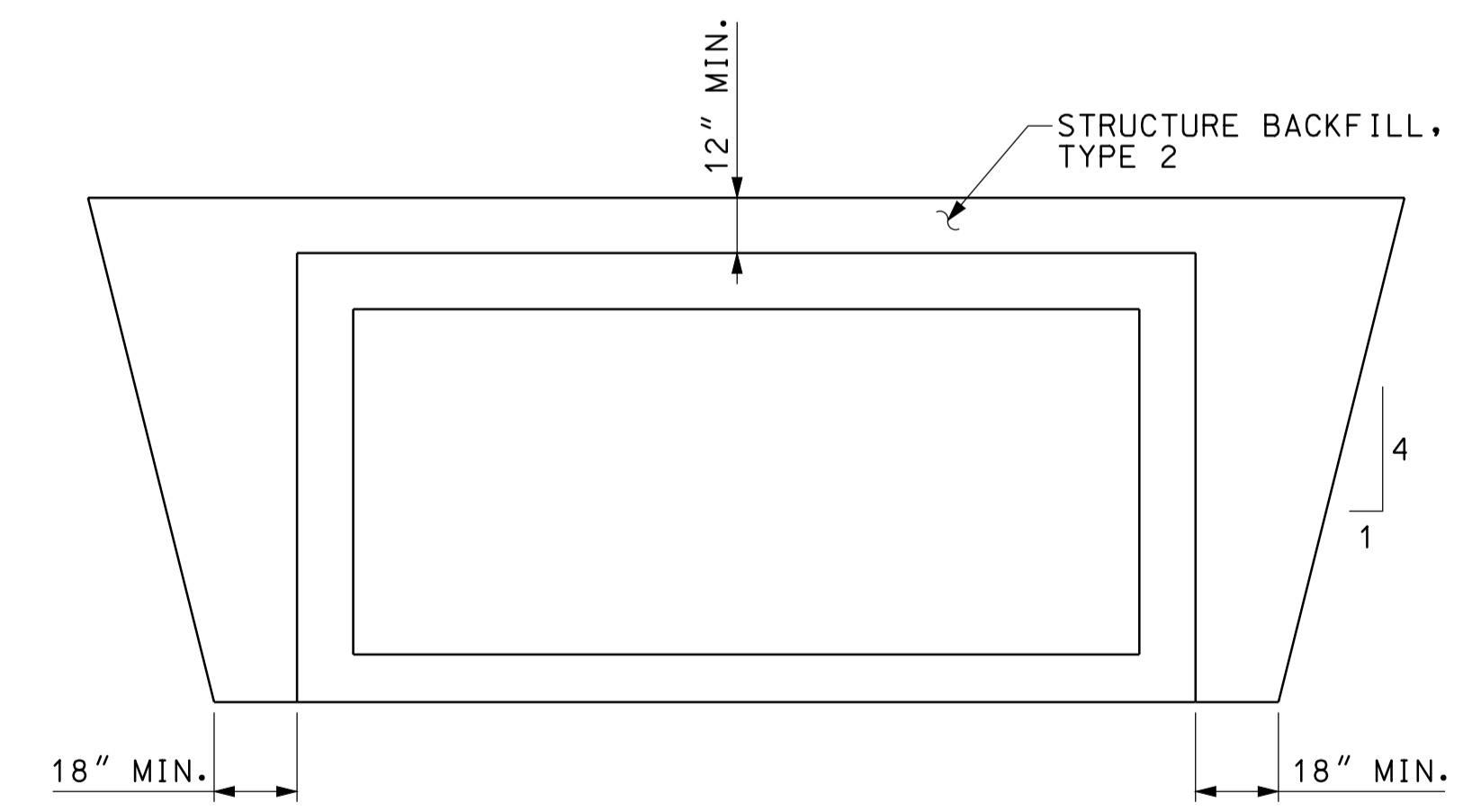
HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PB-13	129 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



PLAN  
SCALE: 1"=20'



END ELEVATION  
NOT TO SCALE



SECTION A-A  
NOT TO SCALE

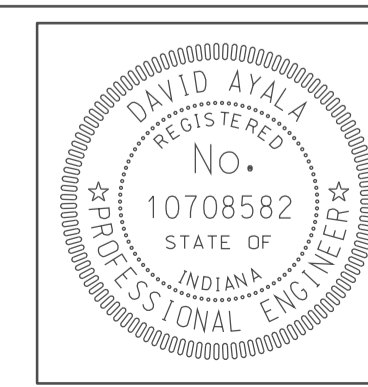
**GENERAL NOTES**

ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.  
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

**HYDRAULIC DATA**

DRAINAGE AREA	41.80 AC.
Q100	50 CFS.
Q100 ELEVATION	519.49 FT.
EXISTING BACKWATER	N/A
PROPOSED BACKWATER	0.00 FT
Q100 VELOCITY	2.88 FPS.
ROADWAY OVERFLOW WATERWAY AREA	0 FT.
AVERAGE FLOW LINE ELEVATION	516.41 FT.

10/25/10  
 IP\_PWP-810025ANSEGE3B014.dgn  
 10/25

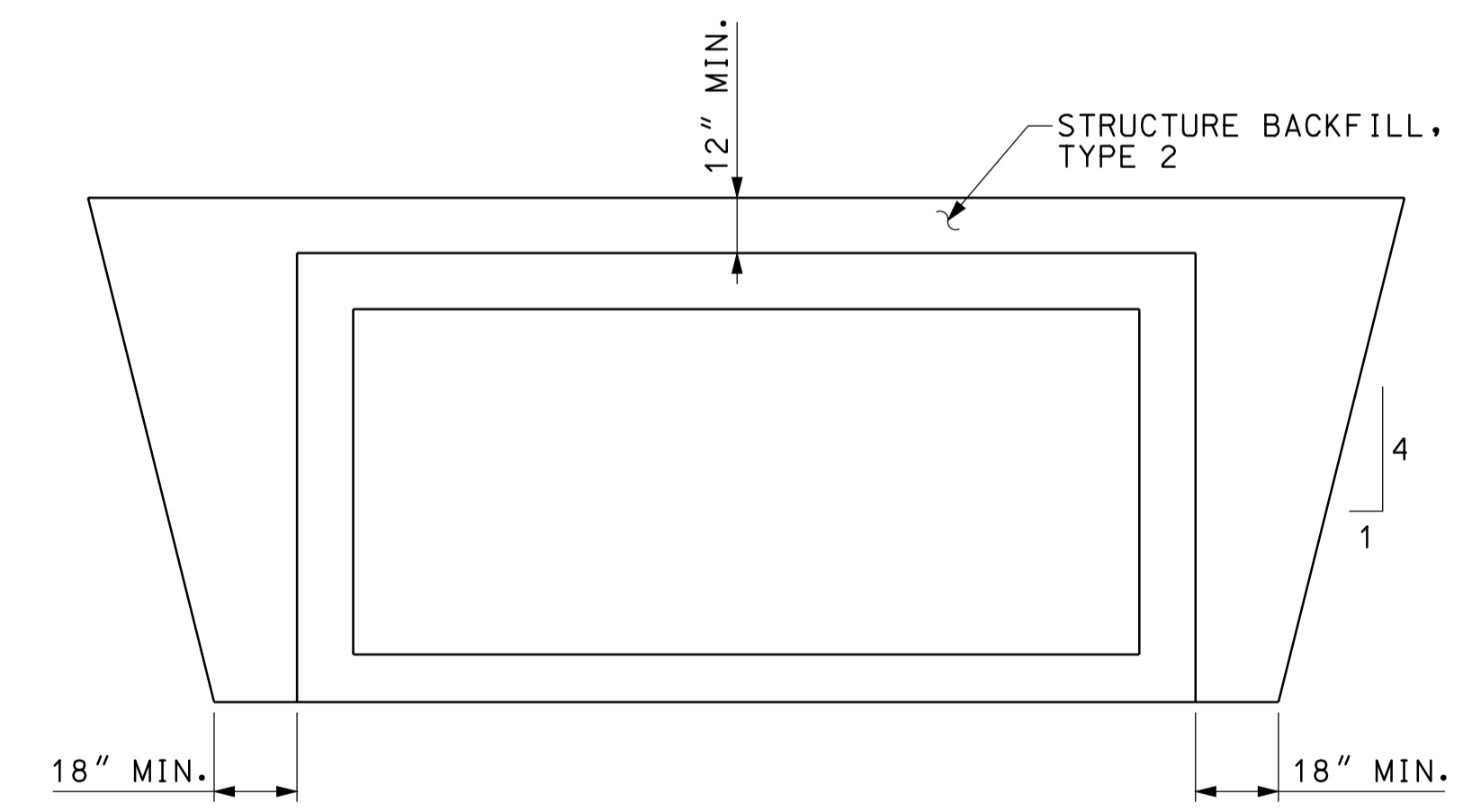
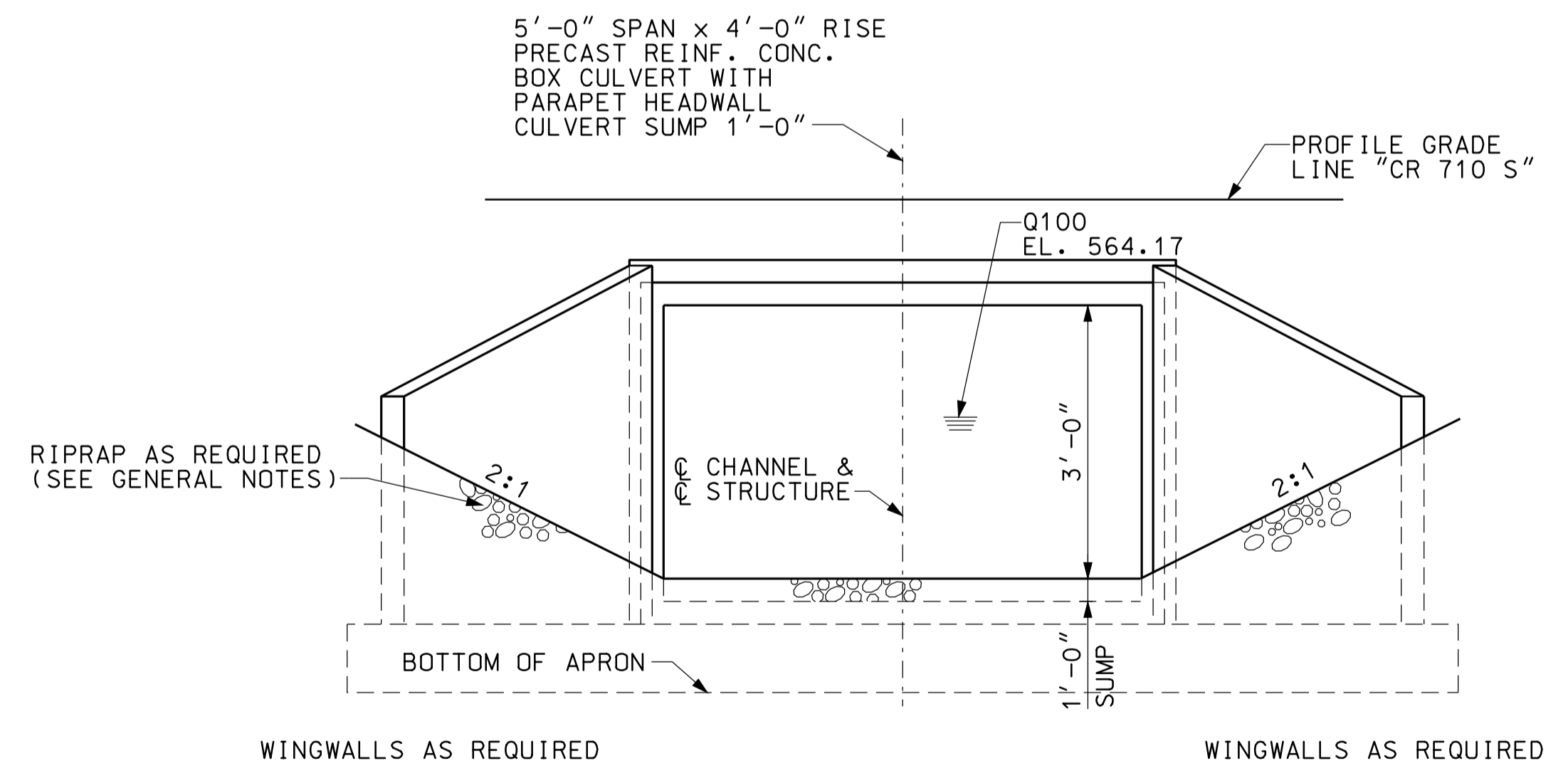
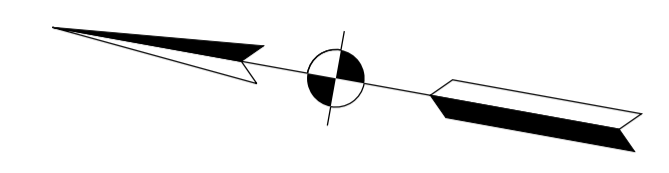
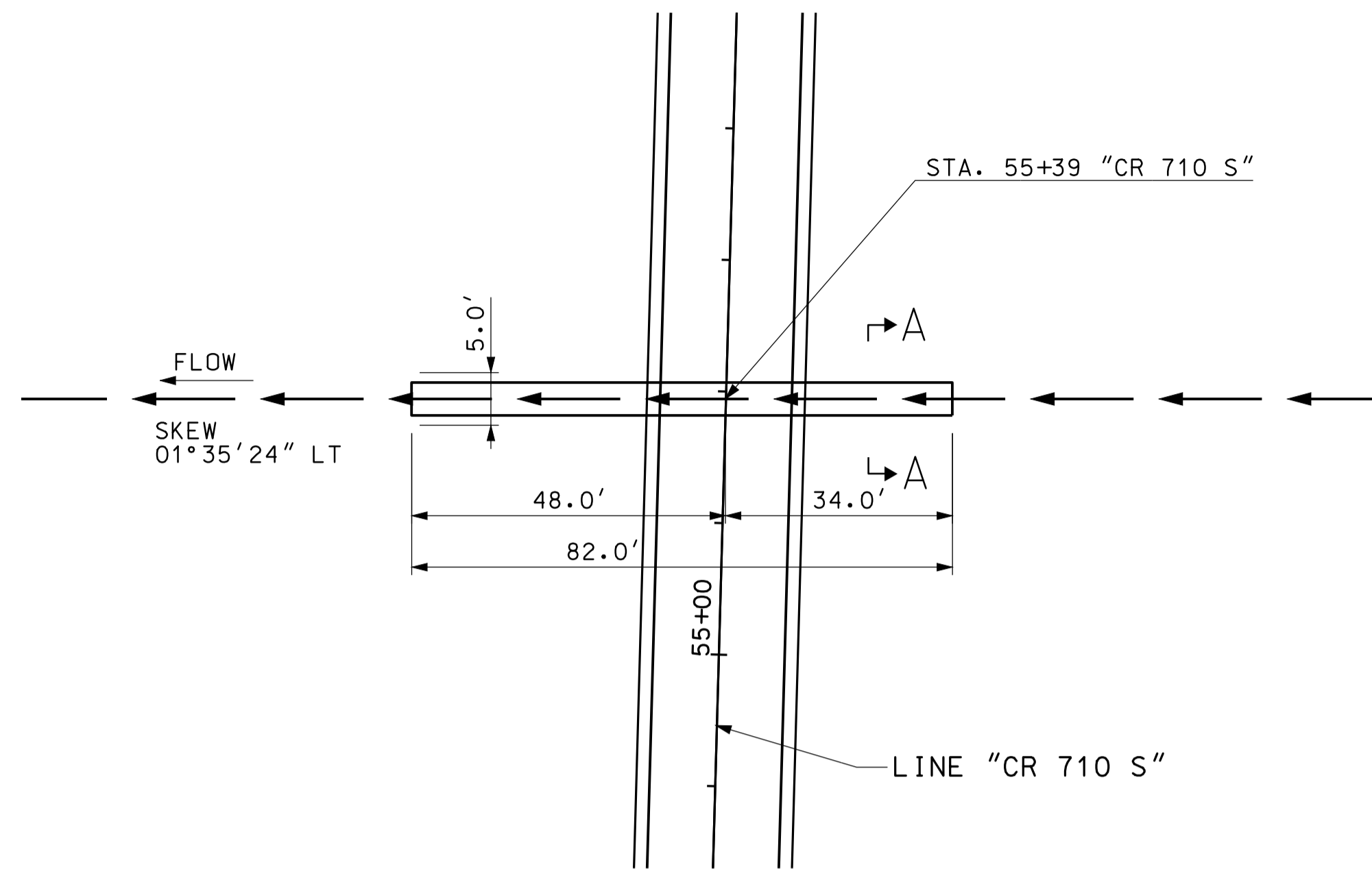


RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
	DESIGN ENGINEER	DATE
DESIGNED:	CLE	DRAWN: DH
CHECKED:	KLR	CHECKED: DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

**CULVERT DETAILS  
CROSSING #296100**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PB-14	130 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



**GENERAL NOTES**

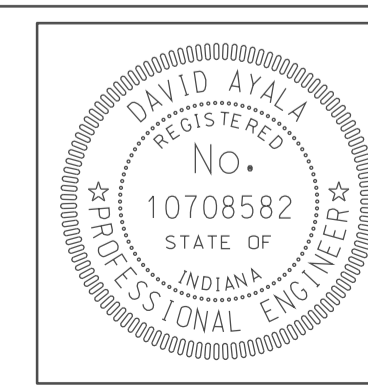
ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.  
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

**HYDRAULIC DATA**

DRAINAGE AREA	18.74 AC.
Q100	37 CFS.
Q100 ELEVATION	564.17 FT.
EXISTING BACKWATER	N/A
PROPOSED BACKWATER	0.86 FT.
Q100 VELOCITY	6.18 FPS.
ROADWAY OVERFLOW WATERWAY AREA	0 FT.
AVERAGE FLOW LINE ELEVATION	561.19 FT.

1' BACKWATER PERMISSIBLE, Tc LESS THAN 15 MINS.

10/4/10 10:45 IP: P:\P\810025\A\SE\G\3\B015.dgn

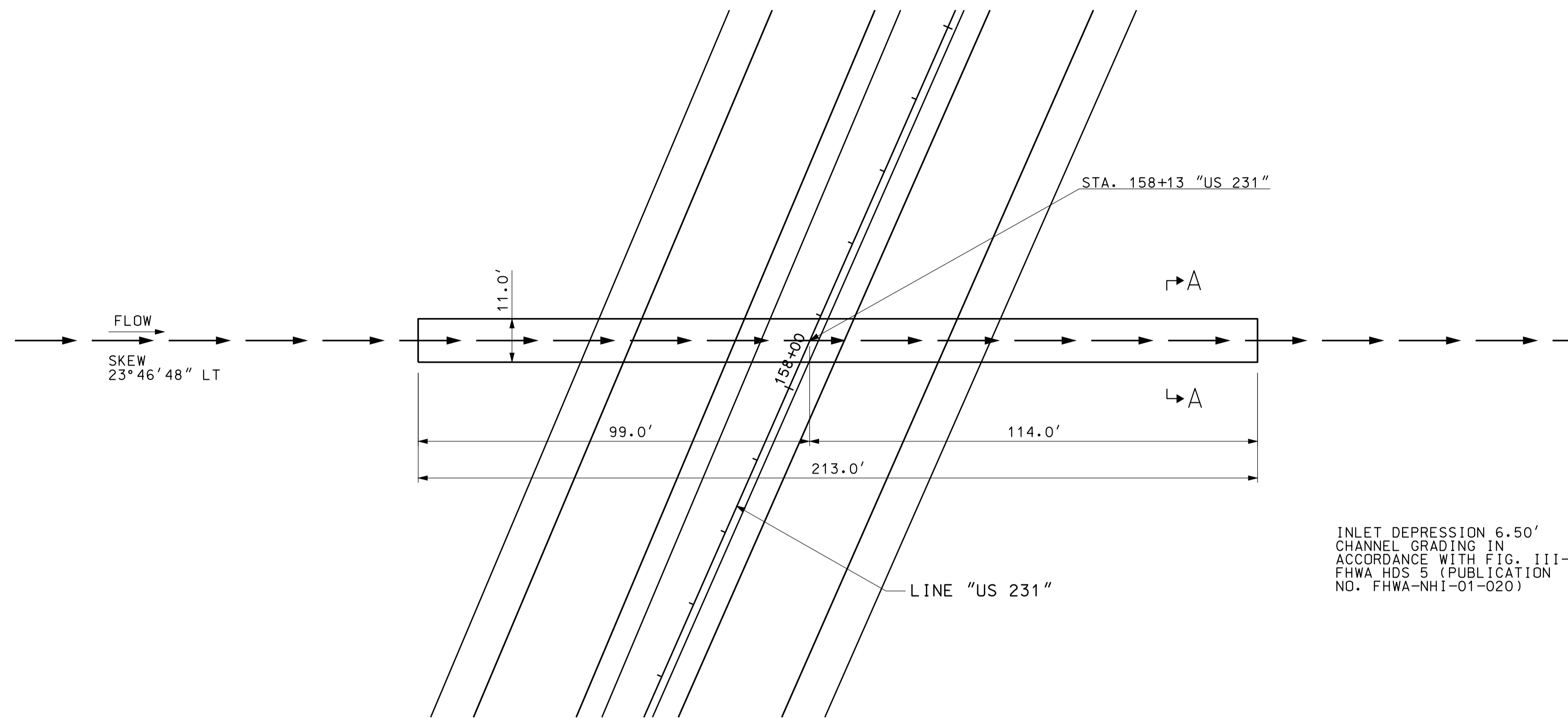


RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
	DESIGN ENGINEER	DATE
DESIGNED:	CLE	DRAWN: DH
CHECKED:	KLR	CHECKED: DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

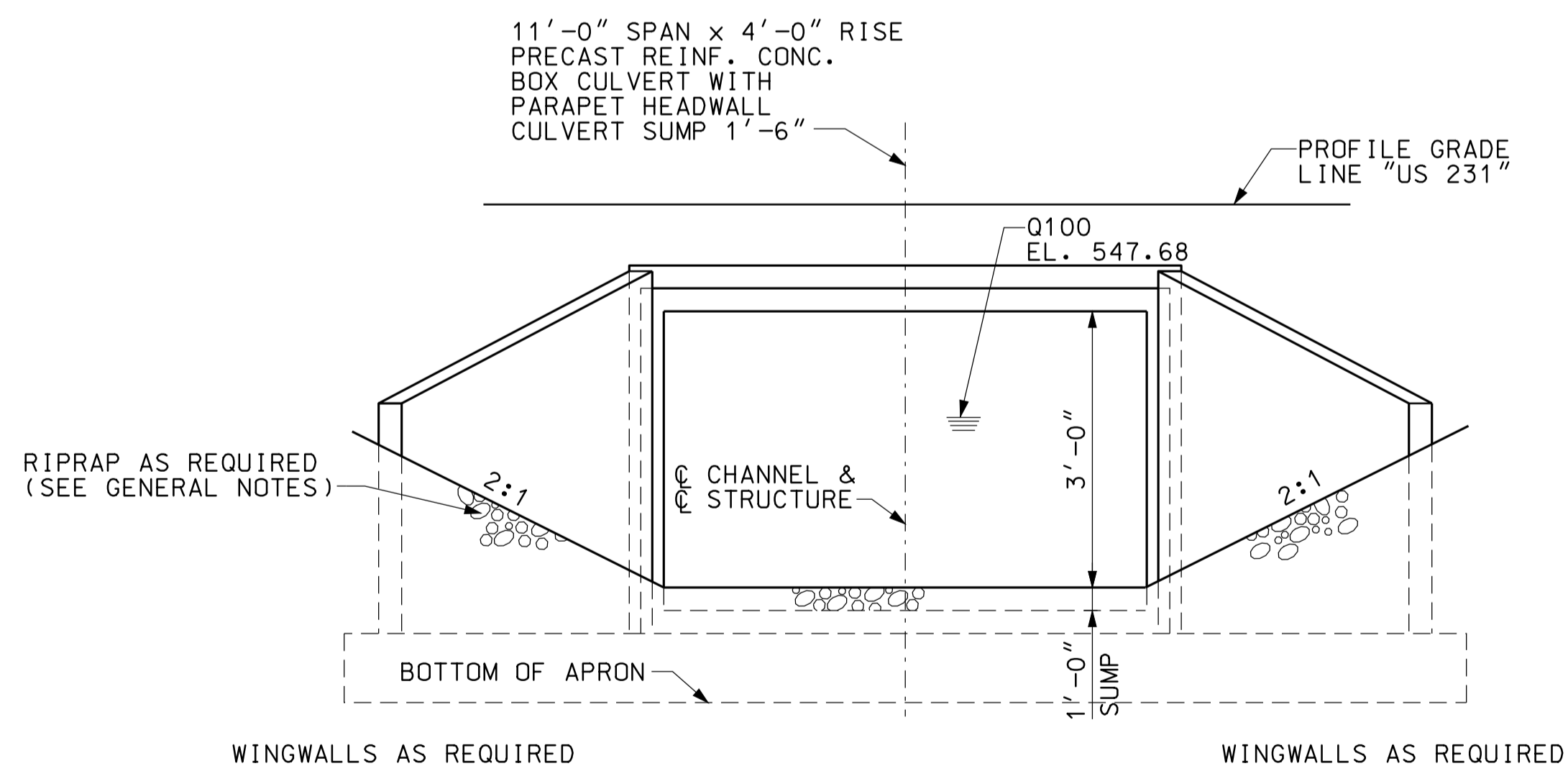
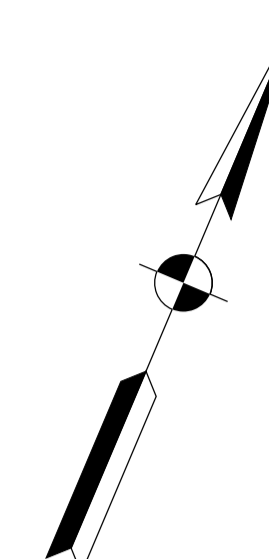
CULVERT DETAILS  
CROSSING #CR710S

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PB-15	131 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

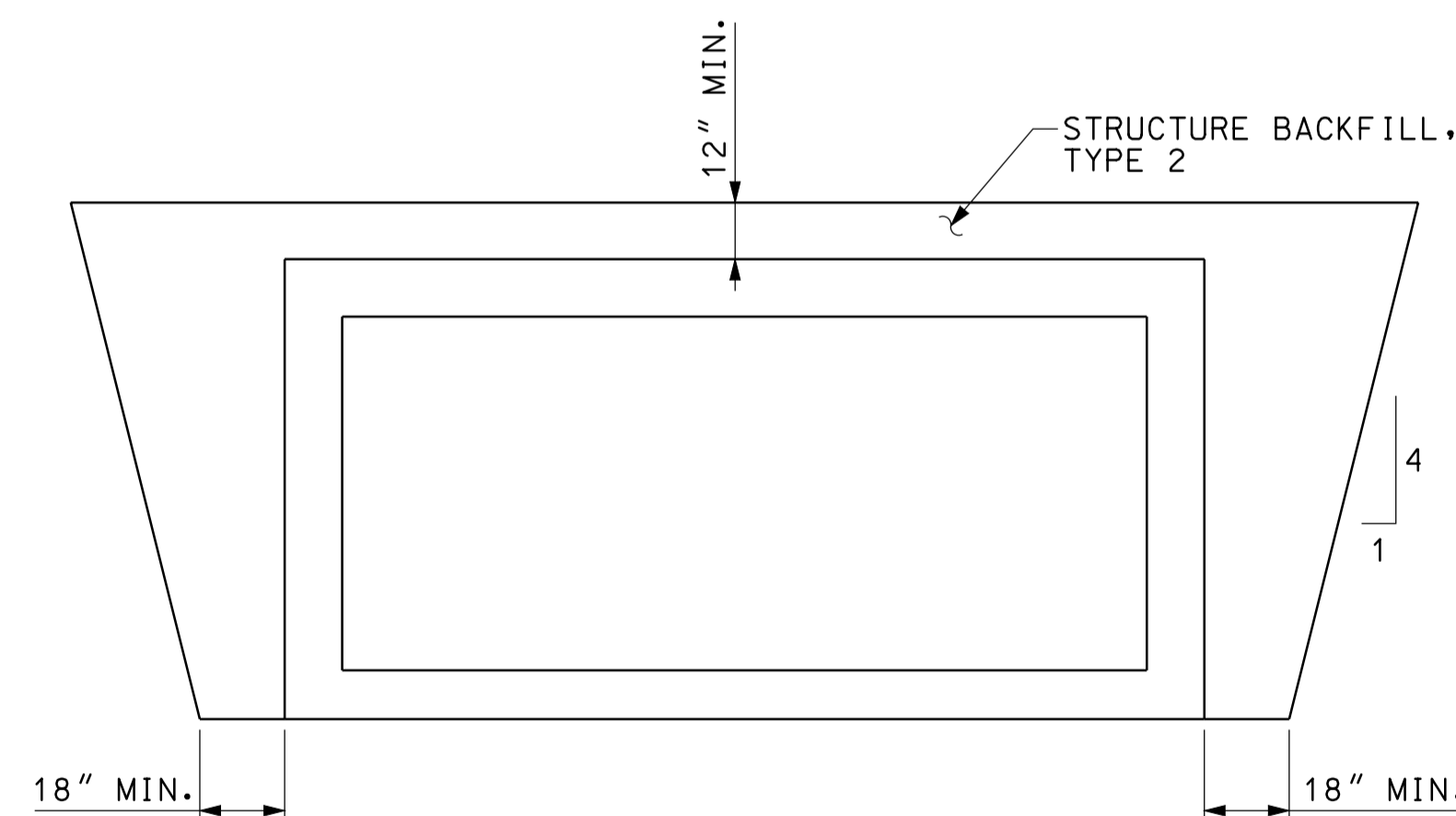


PLAN  
SCALE: 1"=20'

INLET DEPRESSION 6.50'  
CHANNEL GRADING IN  
ACCORDANCE WITH FIG. III-5  
FHWA HDS 5 (PUBLICATION  
NO. FHWA-NHI-01-020)



END ELEVATION  
NOT TO SCALE



SECTION A-A  
NOT TO SCALE

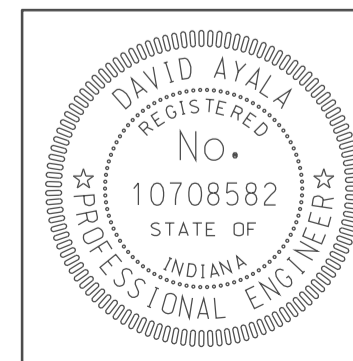
GENERAL NOTES

ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.  
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

HYDRAULIC DATA

DRAINAGE AREA	22.56 AC.
Q100	29 CFS.
Q100 ELEVATION	547.53 FT.
EXISTING BACKWATER	N/A
PROPOSED BACKWATER	0.05 FT
Q100 VELOCITY	2.69 FPS.
ROADWAY OVERFLOW WATERWAY AREA	0 FT.
AVERAGE FLOW LINE ELEVATION	544.60 FT.

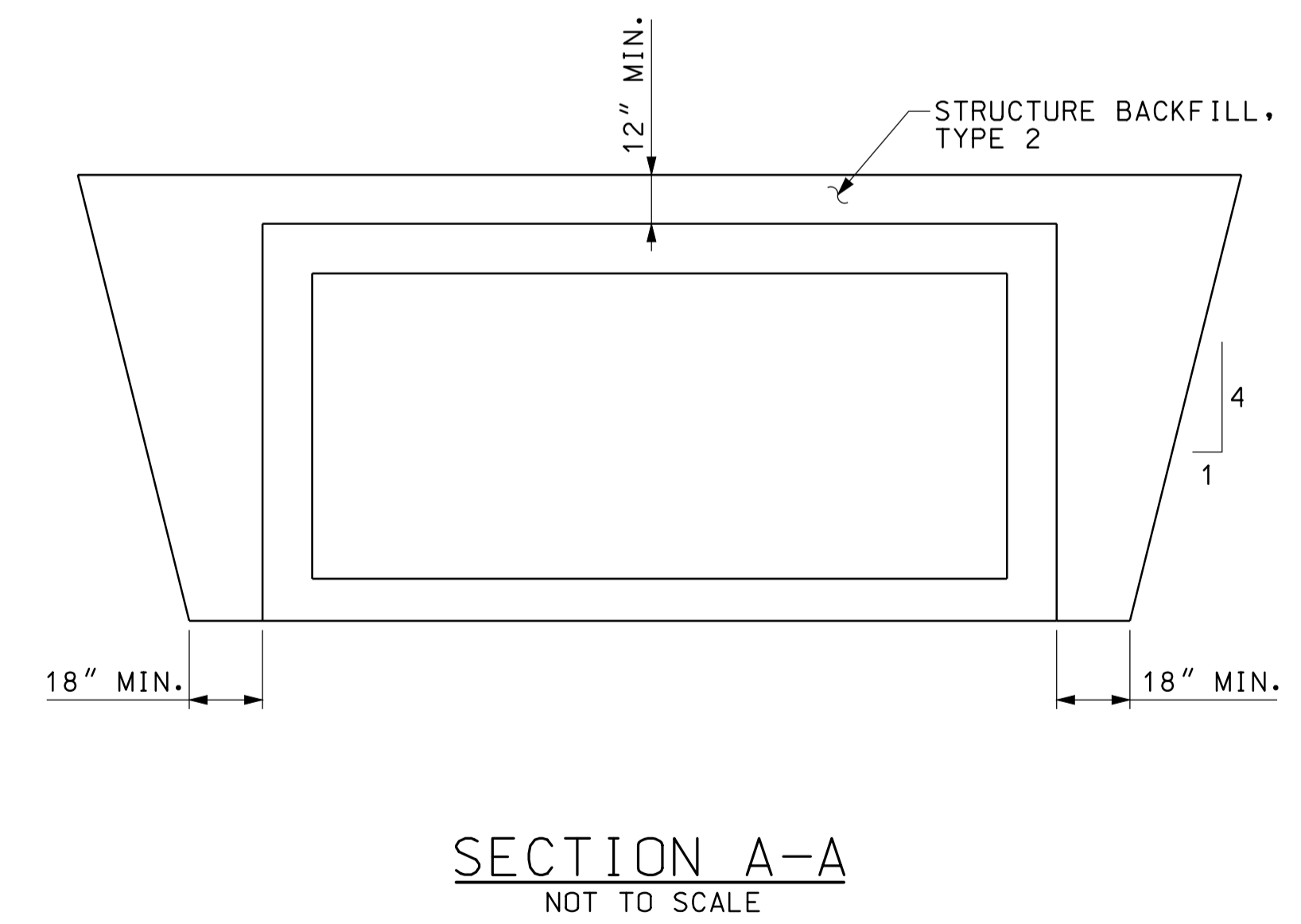
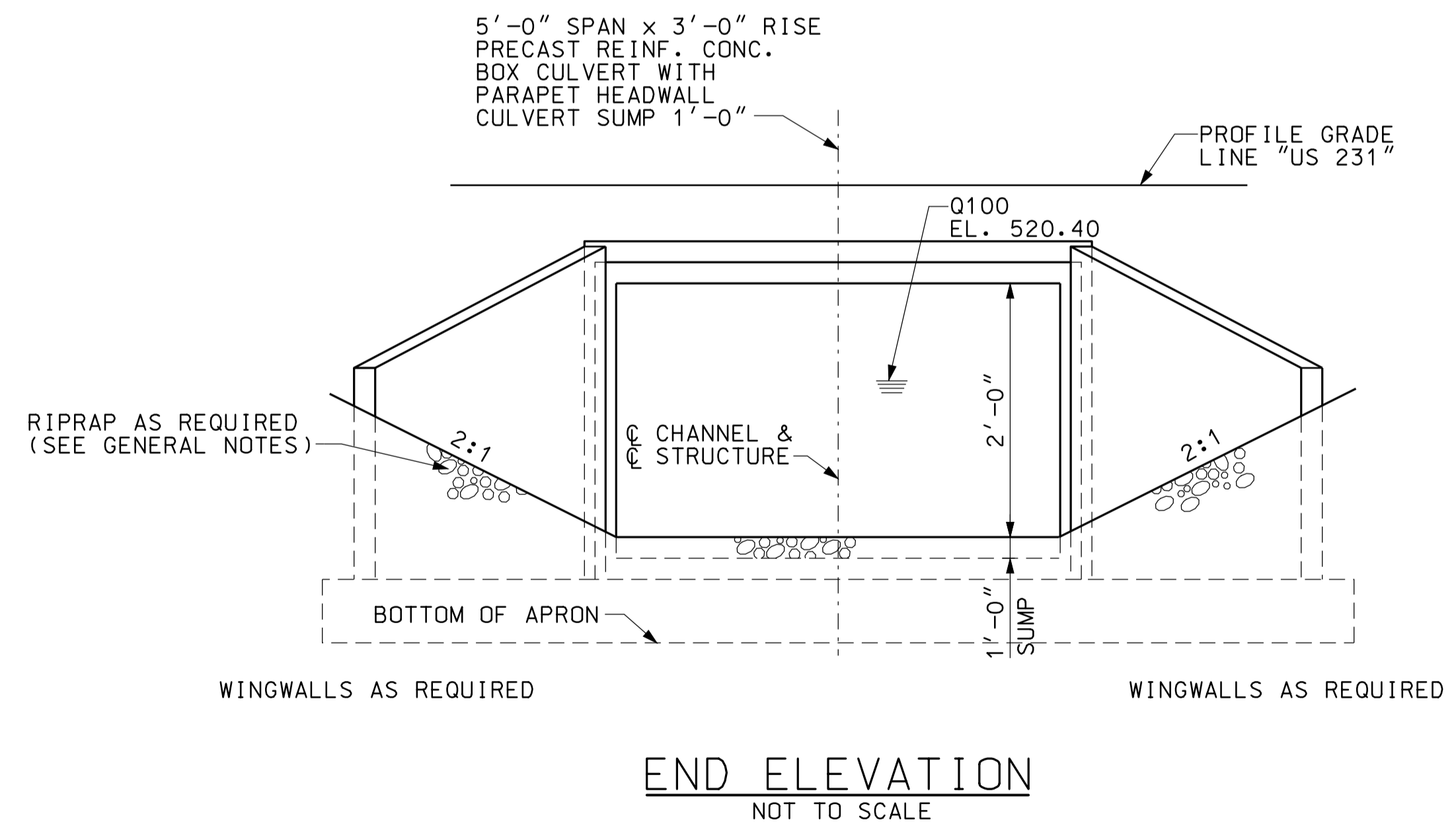
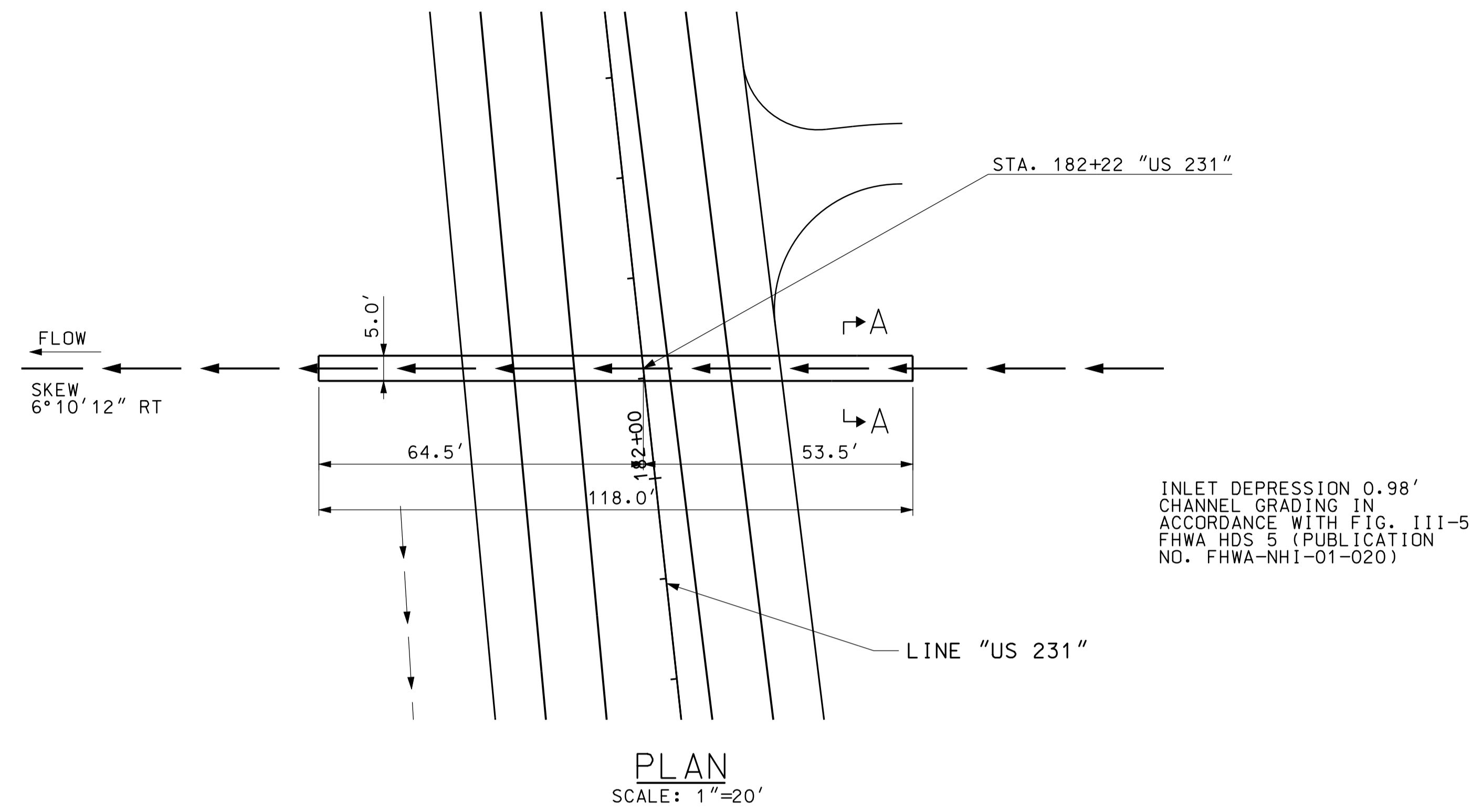
10-46  
IP\_PWP-810025A-SE-03-016.dgn



RECOMMENDED FOR APPROVAL	<i>com jo</i>	DESIGN ENGINEER	DATE
DESIGNED:	CLE	DRAWN:	DH
CHECKED:	KLR	CHECKED:	DMA

INDIANA DEPARTMENT OF TRANSPORTATION	
CULVERT DETAILS CROSSING #US231	

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PB-16	132 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



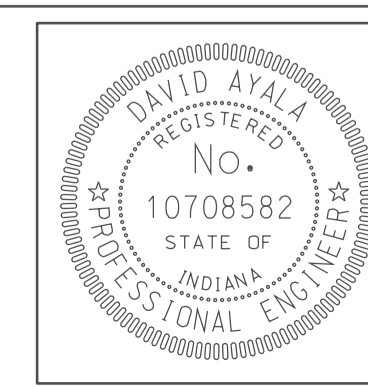
**GENERAL NOTES**

ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.  
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

**HYDRAULIC DATA**

DRAINAGE AREA	17.25 AC.
Q100	29 CFS.
Q100 ELEVATION	520.40 FT.
EXISTING BACKWATER	1.69 FT.
PROPOSED BACKWATER	0.83 FT.
Q100 VELOCITY	5.72 FPS.
ROADWAY OVERFLOW WATERWAY AREA	0 FT.
AVERAGE FLOW LINE ELEVATION	518.21 FT.

10-46  
 10/25/2010  
 IP\_PWP-810025A-SESG3PBDT.dgn

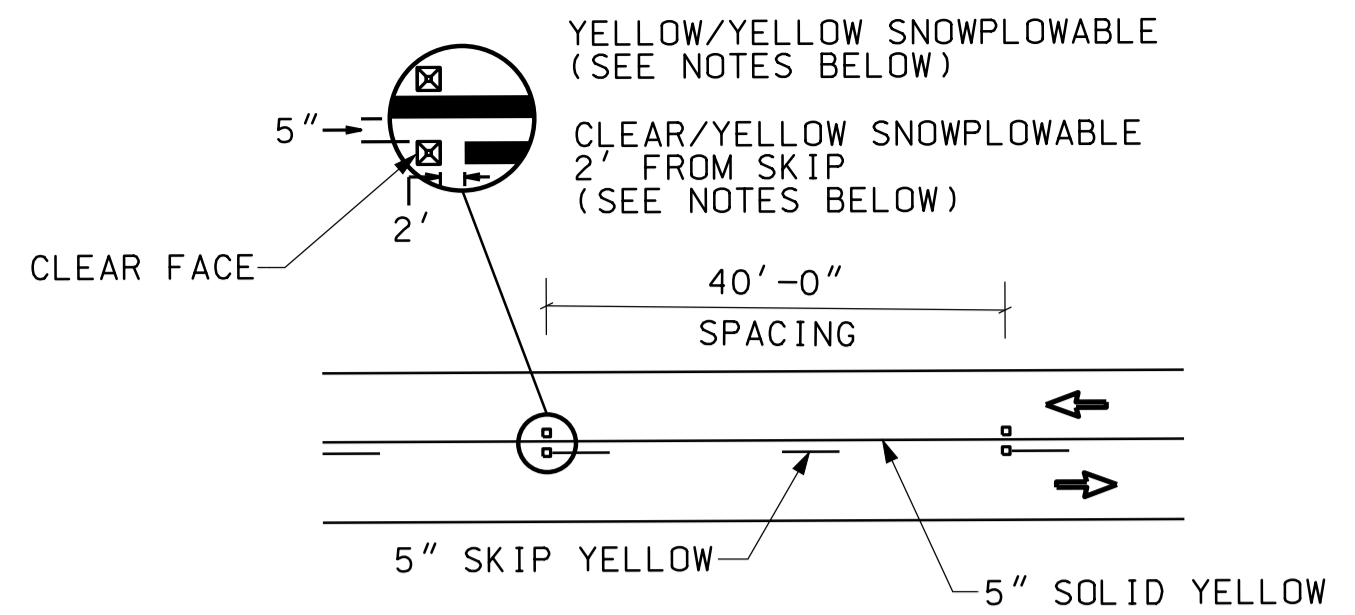


RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
	DESIGN ENGINEER	DATE
DESIGNED: CLE	DRAWN: DH	
CHECKED: KLR	CHECKED: DMA	

INDIANA  
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS  
CROSSING #18000-US231

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	0500445
SURVEY BOOK	DWG. NO. SHEET NO.
	PB-17 133 of 373
CONTRACT	PROJECT
IR-33051	0500445



**NO PASSING ZONE RPM DETAIL**  
(FOR LOCAL ROAD APPLICATION)

CL LINE "A" I-69  
CL TYP. LOCAL ROAD CROSSING

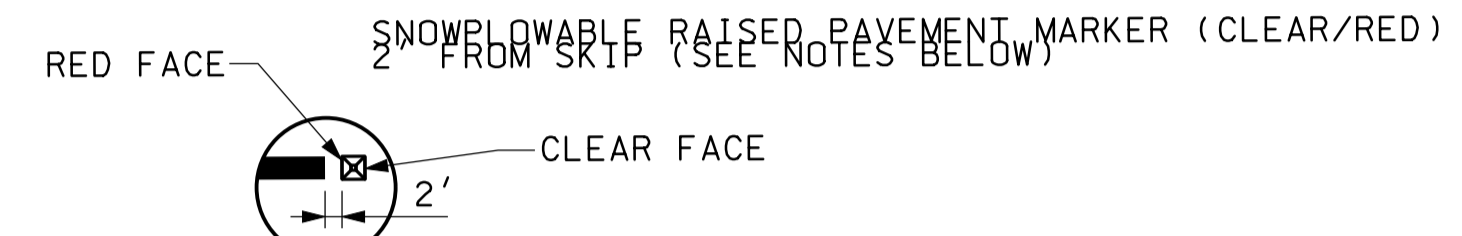
4 IN. SOLID YELLOW LINE  
(ACROSS BRIDGES TYP.)

4 IN. SOLID WHITE LINE  
(ACROSS BRIDGES TYP.)

TYP. CO. RD.  
PAVEMENT MARKINGS

4 IN. SOLID WHITE LINE

4 IN. SOLID DOUBLE YELLOW LINE



4 IN. SOLID WHITE LINE  
4 IN. SOLID YELLOW LINE

5 IN. BROKEN WHITE LINE

80'

YYYY+00

EDGE OF PAVEMENT

80'

30'

10'

11'-6"

11'-6"

4'-0"

12'-0"

12'-0"

10'-0" SHOULDER PAVING

NORMAL EDGE OF PCCP PAVEMENT

5 IN. BROKEN WHITE LINE

4 IN. SOLID WHITE LINE

4 IN. SOLID YELLOW LINE

4 IN. SOLID WHITE LINE

YELLOW/YELLOW SNOWPLOWABLE RPM  
(SEE NOTES BELOW)

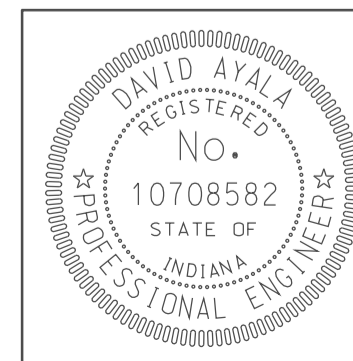
4 IN. SOLID DOUBLE YELLOW LINE

**GENERAL NOTES:**

1. SNOWPLOWABLE RAISED PAVEMENT MARKER SHALL BE SPACED EVERY 80' UNLESS OTHERWISE SPECIFIED. CLEAR FACE OF SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL BE ORIENTED TOWARD ONCOMING TRAFFIC.
2. SNOWPLOWABLE RAISED PAVEMENT MARKER WARRANTED ON CROSSROADS WITH LESS THAN 2500 ADT PER LANE ON A 2-LANE CROSSROAD OR 6500 ADT PER LANE ON A 4-LANE CROSSROAD.

**TYPICAL I-69 PAVEMENT MARKINGS**

10-46  
 10/25/2010  
 IP\_PWP-810025A-SE-3M-PP001.dgn



RECOMMENDED FOR APPROVAL *emj*  
DESIGN ENGINEER DATE 5/5/10

DESIGNED: BEJ DRAWN: DH  
CHECKED: SNM CHECKED: DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAIL

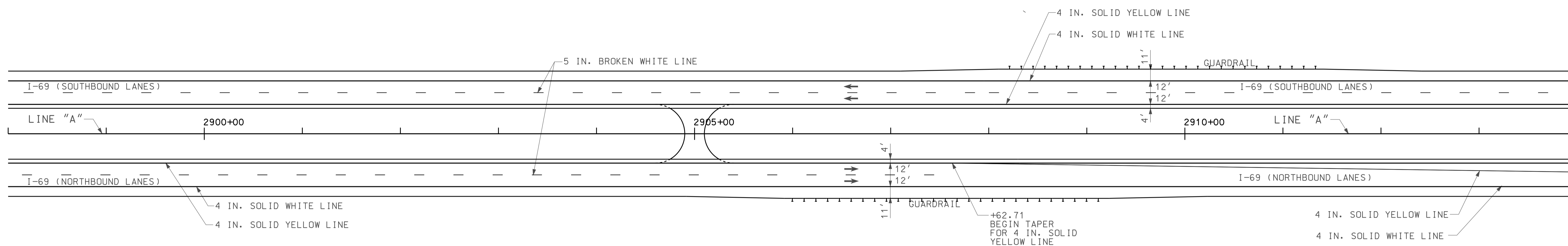
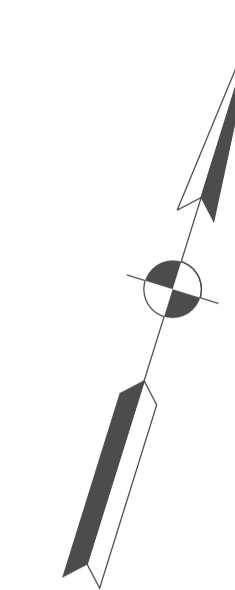
HORIZONTAL SCALE 1" = 30'	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. MP-01	SHEET NO. 135 of 373
CONTRACT IR-33051	PROJECT 0500445	

2900

2905

SEC. 35, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

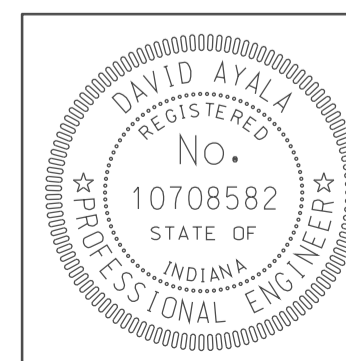
2910



- NOTES:
1. SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL BE SPACED EVERY 80 FT. UNLESS OTHERWISE SPECIFIED. CLEAR FACE OF SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL BE ORIENTED TOWARD ONCOMING TRAFFIC

IP: P:\P\2810025\ASEG\M\F02.dgn 10-46

373



RECOMMENDED FOR APPROVAL	<i>em jo</i>	DESIGN ENGINEER	5/5/10
DESIGNED:	BEJ	DRAWN:	DH
CHECKED:	SNM	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN I-69  
STA. 2898+00 TO STA. 2914+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
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SURVEY BOOK	DWG. NO.	SHEET NO.
	MP-02	136 of
CONTRACT	PROJECT	
IR-33051	0500445	

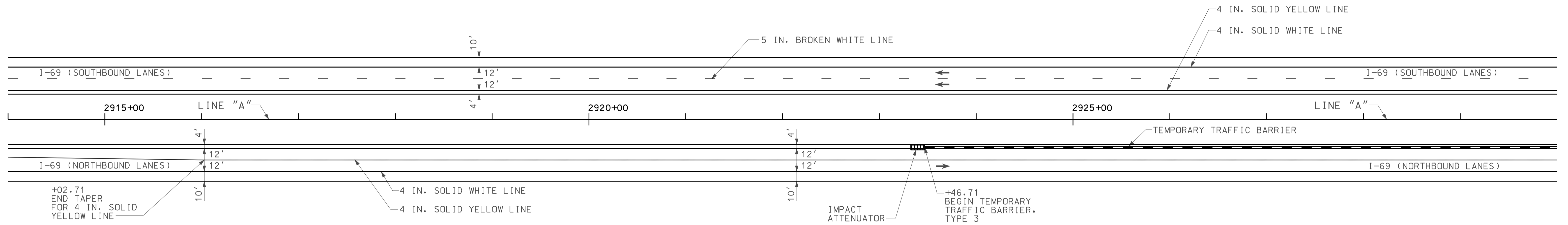
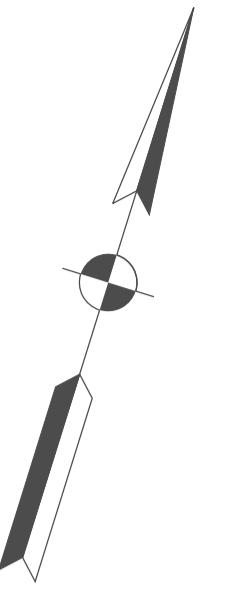
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2920

2925

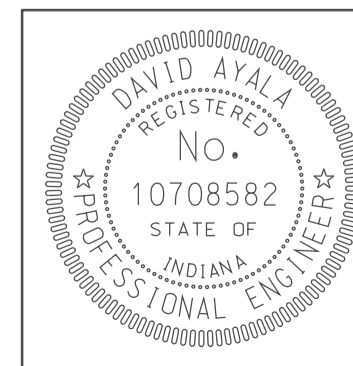
2930

SEC. 35, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY



- NOTES:
1. SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL BE SPACED EVERY 80 FT. UNLESS OTHERWISE SPECIFIED. CLEAR FACE OF SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL BE ORIENTED TOWARD ONCOMING TRAFFIC

APR 2010  
IP\_PWP-3160025A-SEG13MPO03.dgn 10:47



RECOMMENDED FOR APPROVAL	<i>David Ayala</i>	5/5/10
DESIGNED:	BEJ	DRAWN: DH
CHECKED:	SNM	CHECKED: DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN I-69  
STA. 2914+00 TO STA. 2930+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	MP-03	137 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

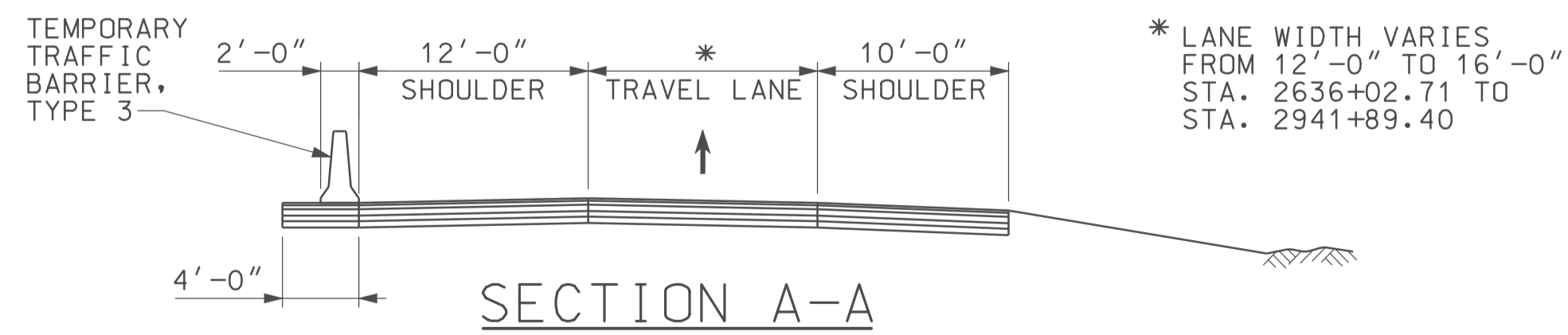
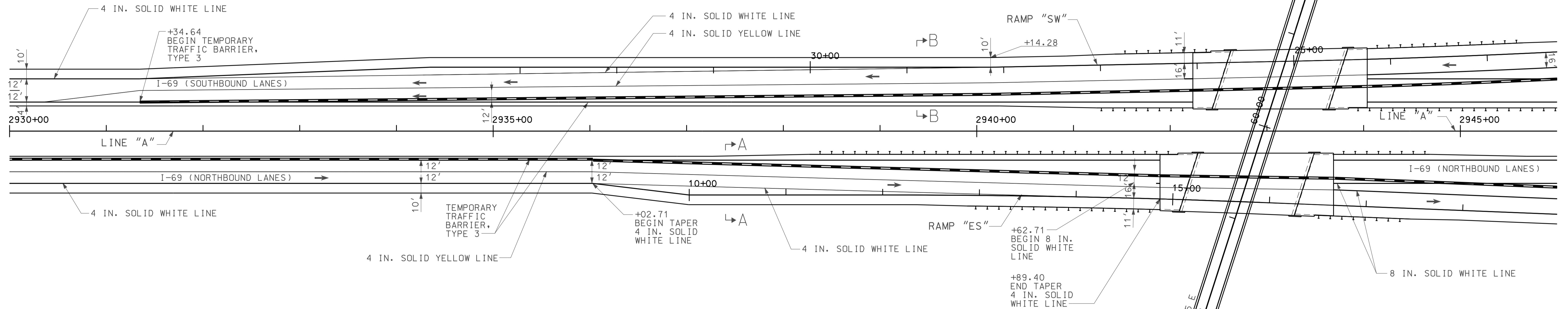
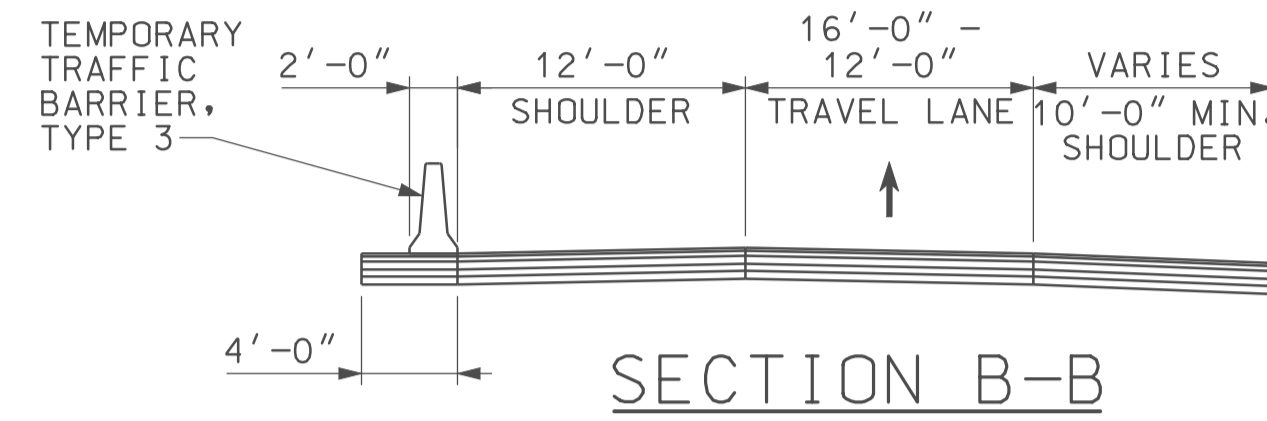
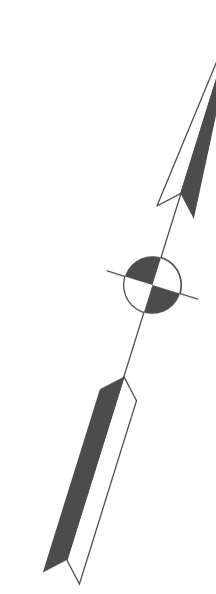


2930

2935

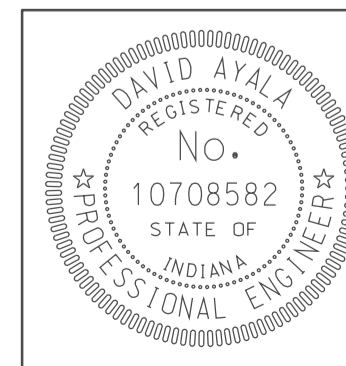
2940

SEC. 35, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY



- NOTES:
1. SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL BE SPACED EVERY 80 FT. UNLESS OTHERWISE SPECIFIED. CLEAR FACE OF SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL BE ORIENTED TOWARD ONCOMING TRAFFIC

10/27/10  
IP: P:\P\2010\025\ASEG\3M\F004.dgn



RECOMMENDED FOR APPROVAL *com jg*  
DESIGN ENGINEER  
DATE 5/5/10

DESIGNED: BEJ DRAWN: DH  
CHECKED: SNM CHECKED: DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

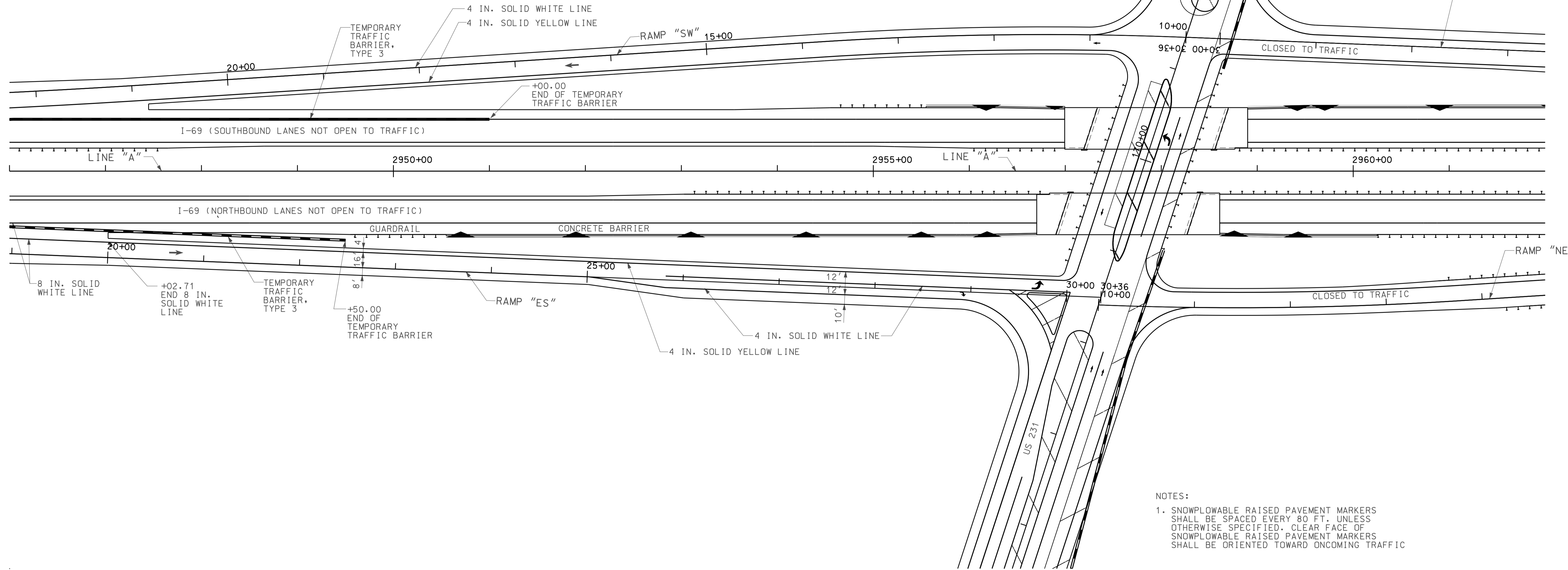
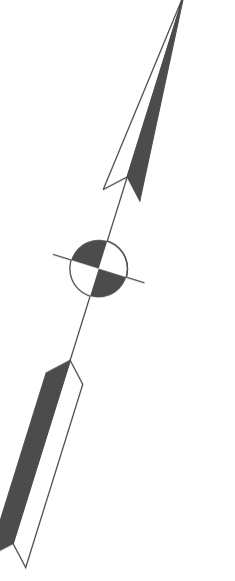
PAVEMENT MARKING PLAN I-69  
STA. 2930+00 TO STA. 2946+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. MP-04	SHEET NO. 138 of 373
CONTRACT IR-33051	PROJECT 0500445	

2950

2955

SEC. 35, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY



FOR US 231  
PAVEMENT MARKINGS  
SEE US 231  
PAVEMENT MARKING  
SHEETS

RAMP "WN"

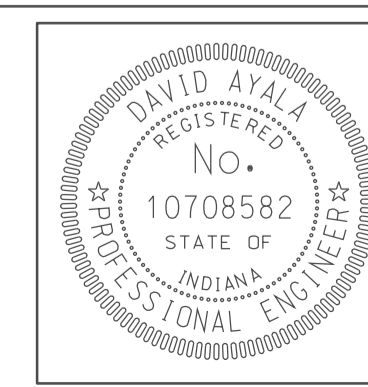
CLOSED TO TRAFFIC

RAMP "NE"

CLOSED TO TRAFFIC

NOTES:  
 1. SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL BE SPACED EVERY 80 FT. UNLESS OTHERWISE SPECIFIED. CLEAR FACE OF SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL BE ORIENTED TOWARD ONCOMING TRAFFIC

10-47  
IP\_PWP-2010-025-ASEGEMPO05.dgn



RECOMMENDED FOR APPROVAL	<i>com jo</i>	DESIGN ENGINEER	DATE
DESIGNED:	BEJ	DRAWN:	DH
CHECKED:	SNM	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN I-69  
STA. 2945+00 TO STA. 2962+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	MP-05	139 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

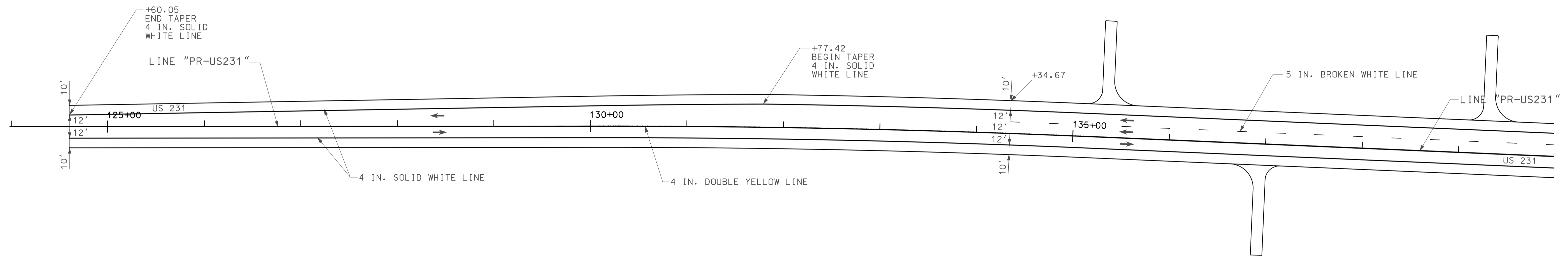
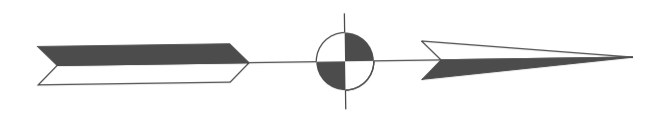
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130

135

140

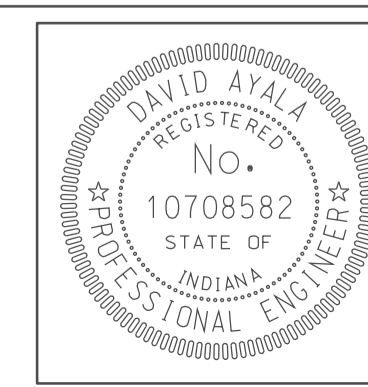
SEC. 35, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY



SEC. 36, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

- NOTES:
1. SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL BE SPACED EVERY 80 FT. UNLESS OTHERWISE SPECIFIED. CLEAR FACE OF SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL BE ORIENTED TOWARD ONCOMING TRAFFIC

10-48  
IP\_PWP-810025A-SEG31MPO06.dgn



RECOMMENDED FOR APPROVAL	<i>emj</i>	DESIGN ENGINEER	5/5/10	DATE
DESIGNED:	BEJ	DRAWN:	DH	
CHECKED:	SNM	CHECKED:	DMA	

INDIANA  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING US 231  
STA. 124+50 TO STA. 140+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	MP-06	140 of 373
	PROJECT	
	0500445	

140

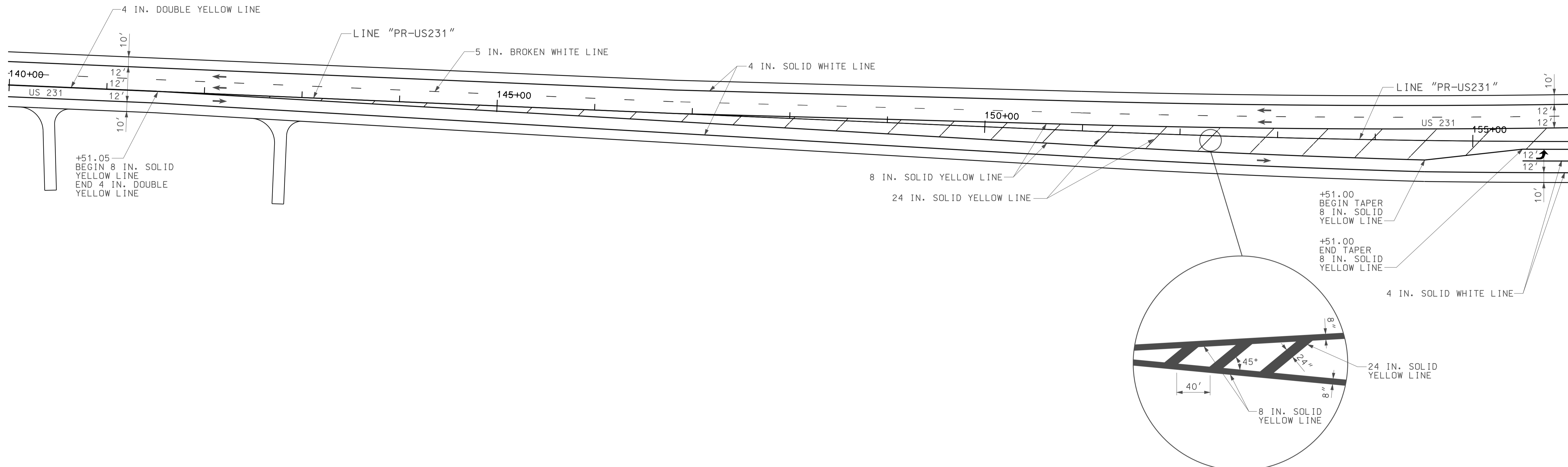
145

SEC. 35, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

150



155

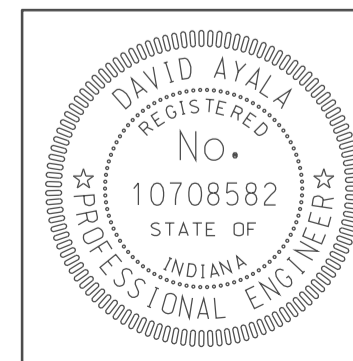


SEC. 36, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

FLUSH ISLAND  
DETAIL

- NOTES:
1. SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL BE SPACED EVERY 80 FT. UNLESS OTHERWISE SPECIFIED. CLEAR FACE OF SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL BE ORIENTED TOWARD ONCOMING TRAFFIC

10-48  
IP\_PWP-8160025A-SEG3MPO07.dgn



RECOMMENDED FOR APPROVAL	<i>em jg</i>	DESIGN ENGINEER	DATE
DESIGNED:	BEJ	DRAWN:	DH
CHECKED:	SNM	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING US 231  
STA. 140+00 TO STA. 156+00

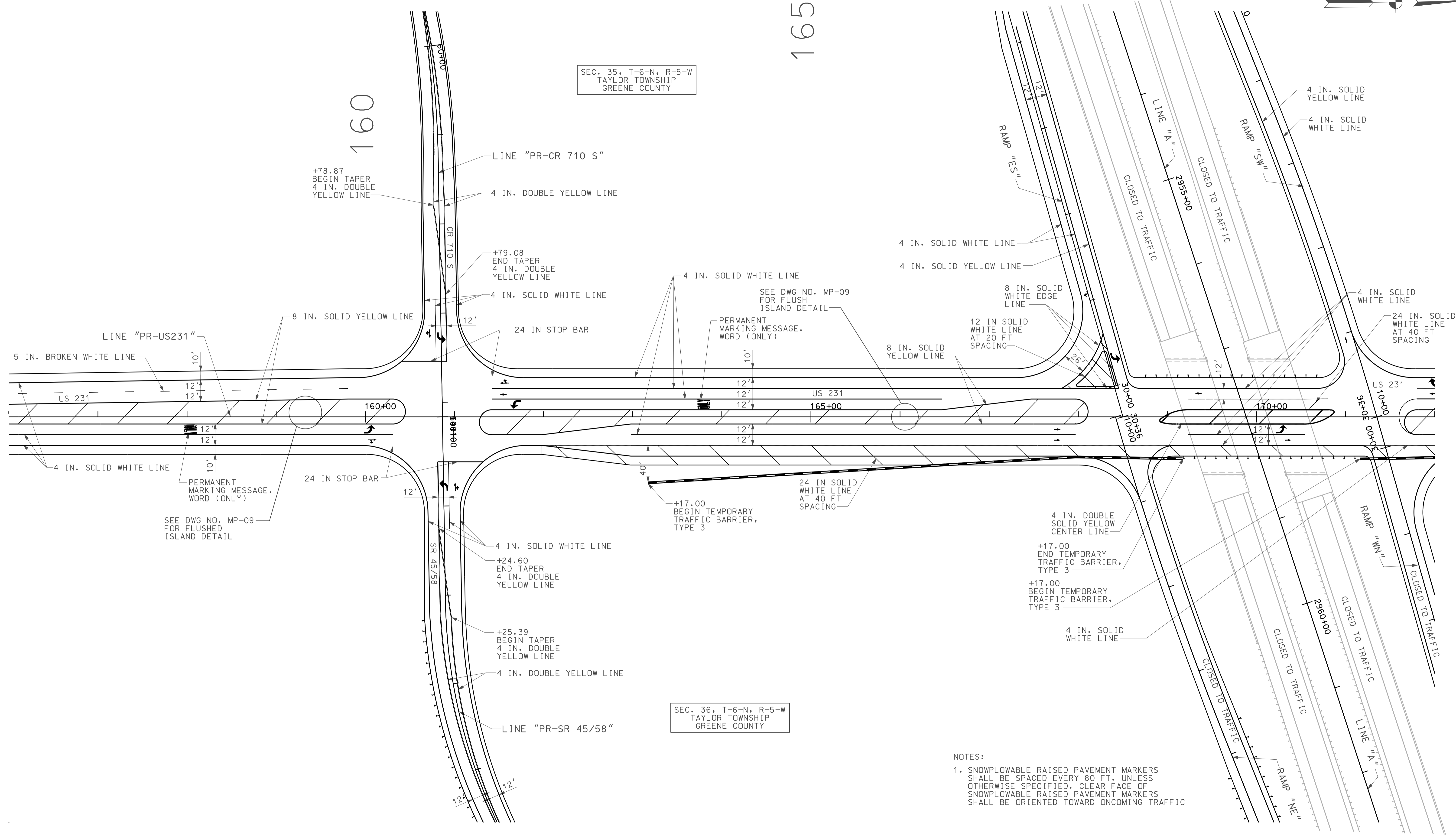
HORIZONTAL SCALE	BRIDGE FILE		
1" = 50'			
VERTICAL SCALE	DESIGNATION		
	0500445		
SURVEY BOOK	DWG. NO.	SHEET NO.	
	MP-07	141 of 373	
CONTRACT	PROJECT		
IR-33051	0500445		

160

165

SEC. 35, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

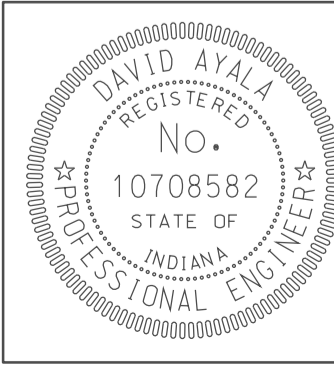
SEC. 36, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY



NOTES:  
 1. SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL BE SPACED EVERY 80 FT. UNLESS OTHERWISE SPECIFIED. CLEAR FACE OF SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL BE ORIENTED TOWARD ONCOMING TRAFFIC

APR 2010 10-48  
IP\_PWP-2418025-ASEG13MPC08.dgn

- ARROWS SHOWN FOR INFORMATION ONLY
- ↪ PERMANENT MARKING MESSAGE LANE INDICATION ARROW

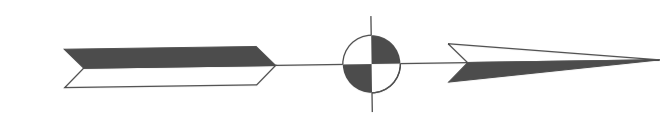


RECOMMENDED FOR APPROVAL	<i>(Signature)</i>	DESIGN ENGINEER	DATE
			5/5/10
DESIGNED:	BEJ	DRAWN:	DH
CHECKED:	SNM	CHECKED:	DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING US 231  
STA. 156+00 TO STA. 172+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	MP-08	142 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



180

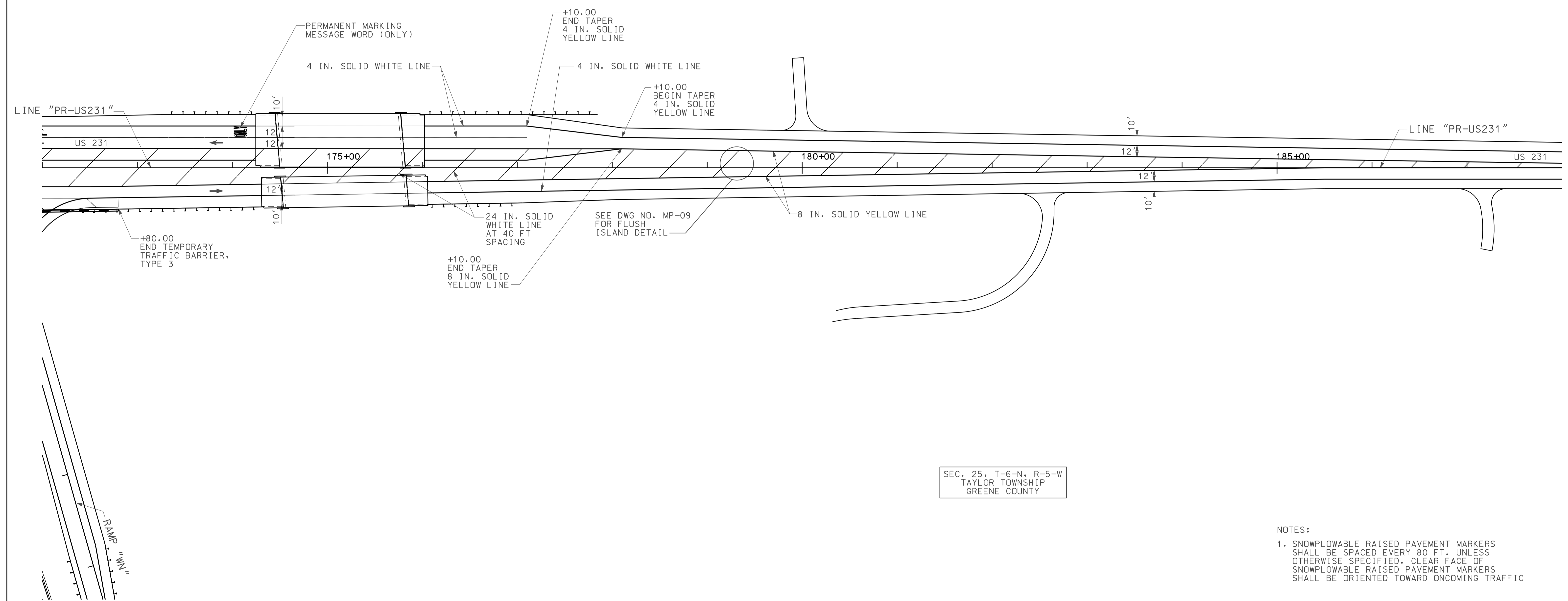
185

SEC. 35, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

SEC. 26, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

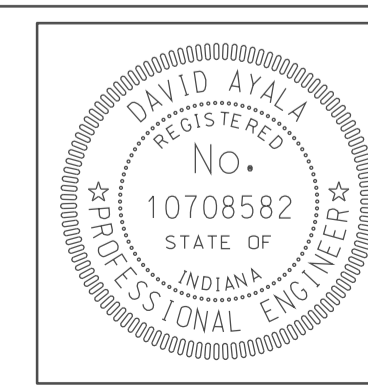
SEC. 25, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

175



- NOTES:
1. SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL BE SPACED EVERY 80 FT. UNLESS OTHERWISE SPECIFIED. CLEAR FACE OF SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL BE ORIENTED TOWARD ONCOMING TRAFFIC

- ARROWS SHOWN FOR INFORMATION ONLY
- ↪ PERMANENT MARKING MESSAGE LANE INDICATION ARROW



RECOMMENDED FOR APPROVAL *com jg* 5/5/10  
DESIGN ENGINEER DATE

DESIGNED: BEJ DRAWN: DH  
CHECKED: SNM CHECKED: DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

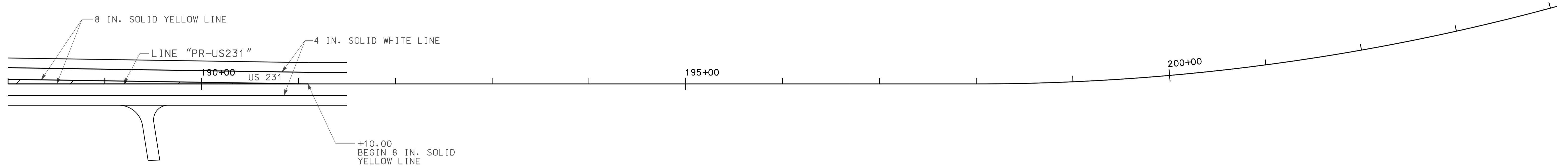
PAVEMENT MARKING US 231  
STA. 172+00 TO STA. 188+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. MP-09	SHEET NO. 143 of 373
CONTRACT IR-33051	PROJECT 0500445	

10-49  
IP\_PWP-10-025-ASEGEMPO09.dgn

190

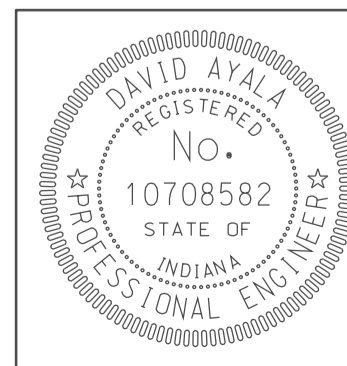
SEC. 26, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY



SEC. 25, T-6-N, R-5-W  
TAYLOR TOWNSHIP  
GREENE COUNTY

- NOTES:
1. SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL BE SPACED EVERY 80 FT. UNLESS OTHERWISE SPECIFIED. CLEAR FACE OF SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL BE ORIENTED TOWARD ONCOMING TRAFFIC

10-49  
IP\_PWP-810025A-SEGLMPC01.dgn



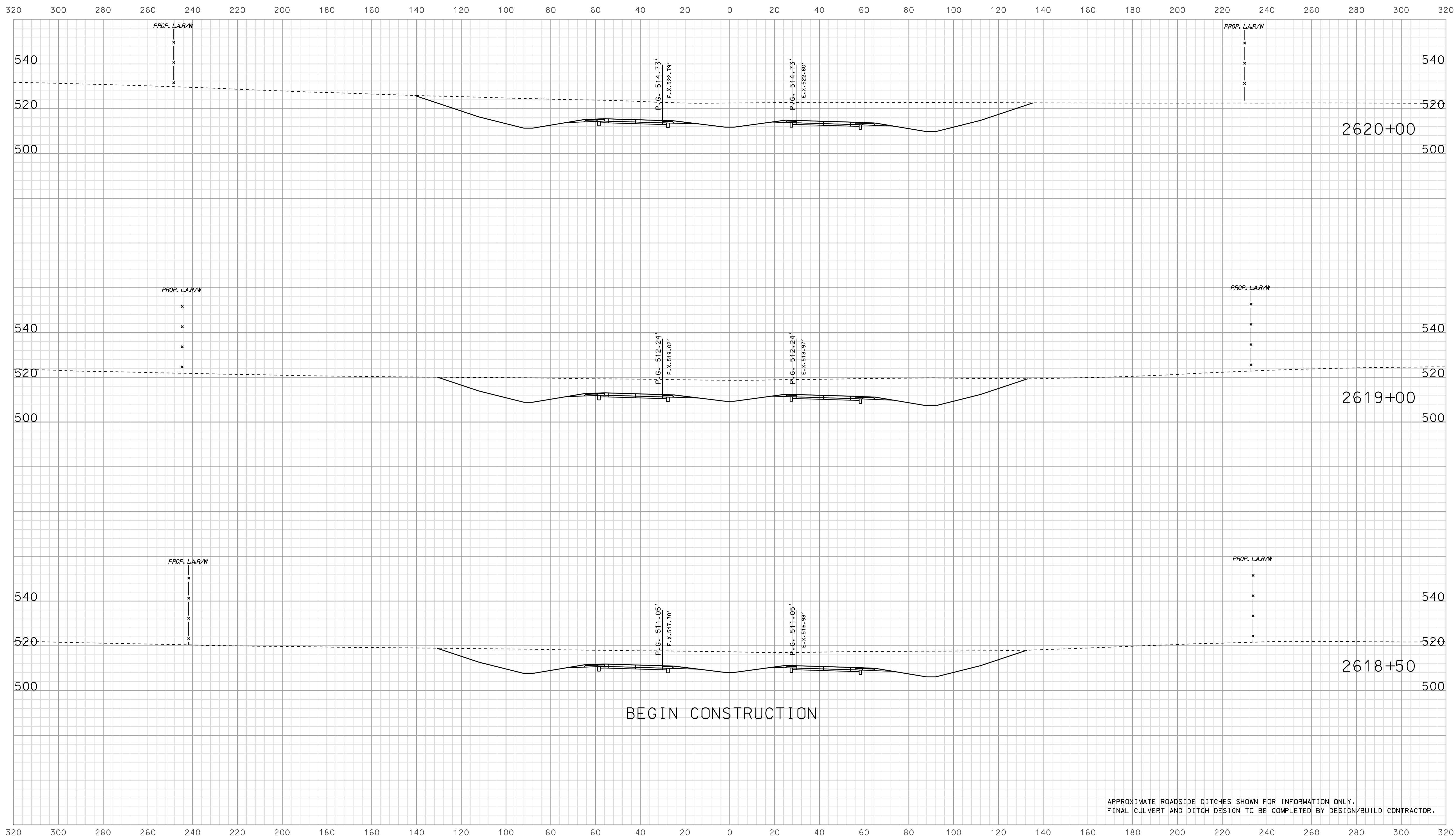
RECOMMENDED FOR APPROVAL *em jf* 5/5/10  
DESIGN ENGINEER DATE

DESIGNED: BEJ DRAWN: DH  
CHECKED: SNM CHECKED: DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING US 231  
STA. 188+00 TO STA. 191+10

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. MP-10	SHEET NO. 144 of 373
CONTRACT IR-33051	PROJECT 0500445	

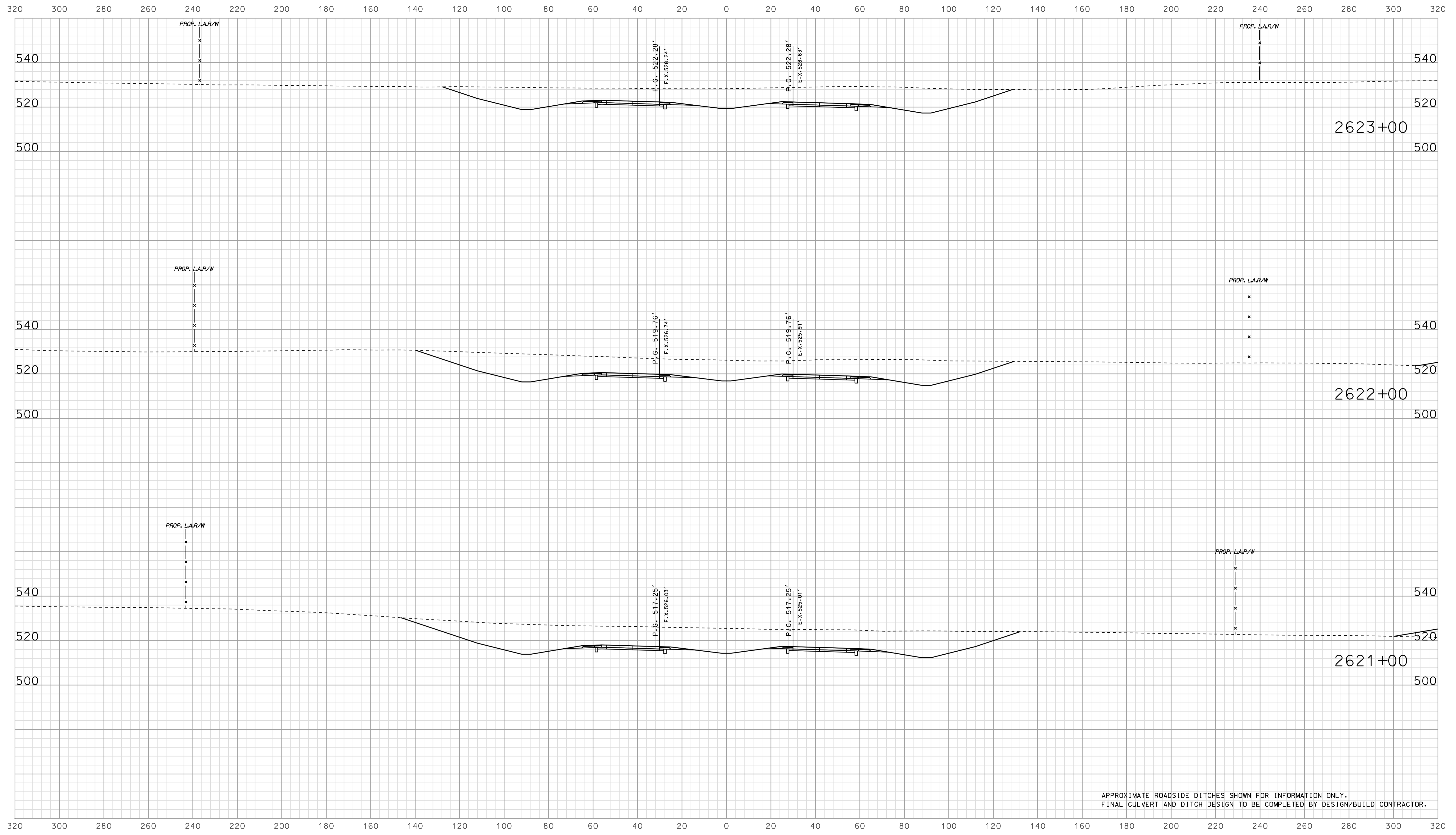


APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15.29  
 IP\_PWP-33051-025A-SE-FIG3X500.dgn  
 10/26/2010 10:14:29 AM

	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
	DESIGNED: <u>BJO</u> DRAWN: <u>DH</u> CHECKED: <u>NOH</u> CHECKED: <u>DMA</u>	ROADWAY CROSS SECTIONS LINE "A"	VERTICAL SCALE 1" = 20'	DESIGNATION 0500445
			SURVEY BOOK XS-01	DWG. NO. 145 of 373 PROJECT 0500445
			CONTRACT IR-33051	PROJECT 0500445





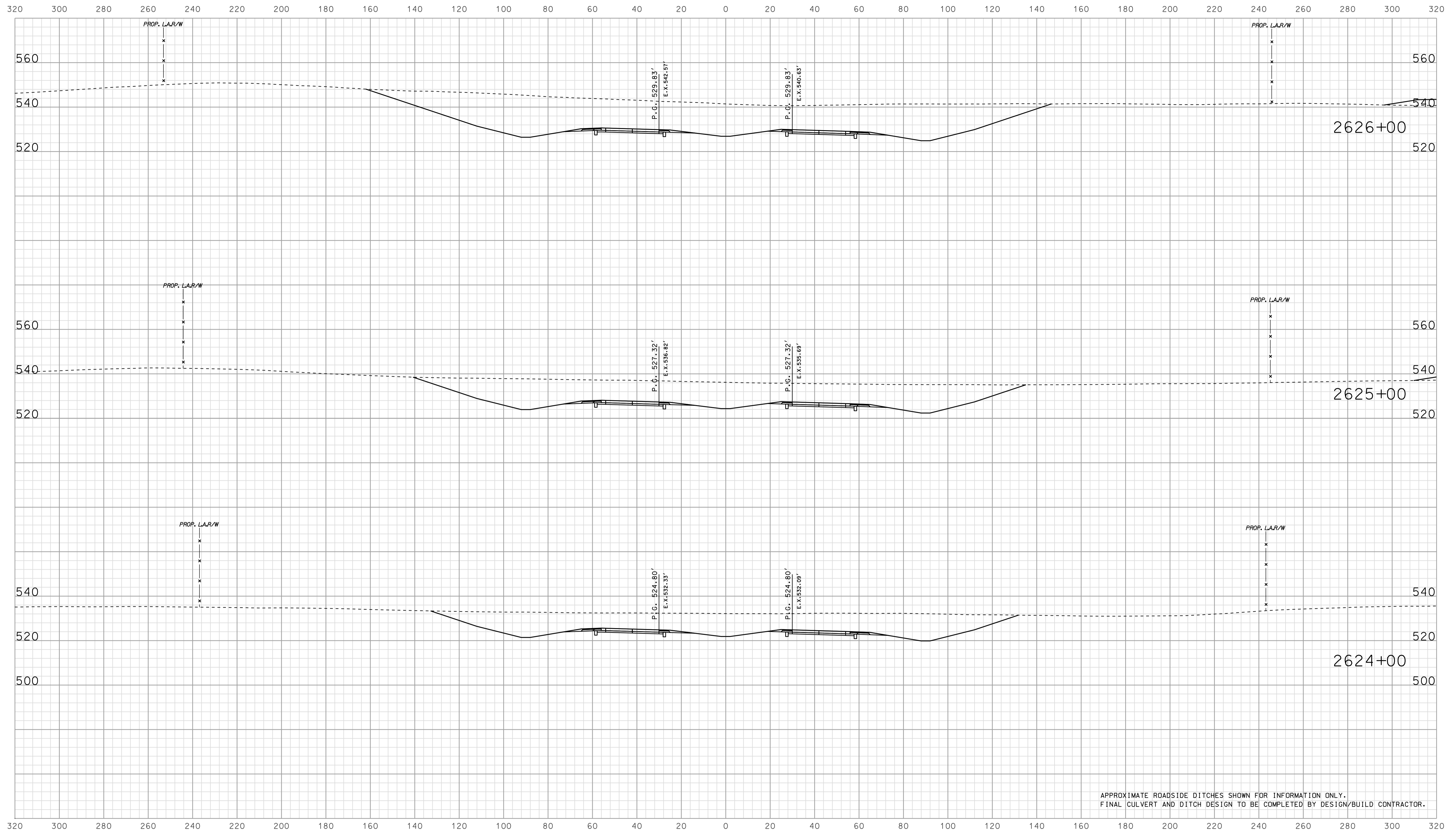
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

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 10/10/05 2:00 PM

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-02	146 of 373	
IR-33051	PROJECT	0500445	



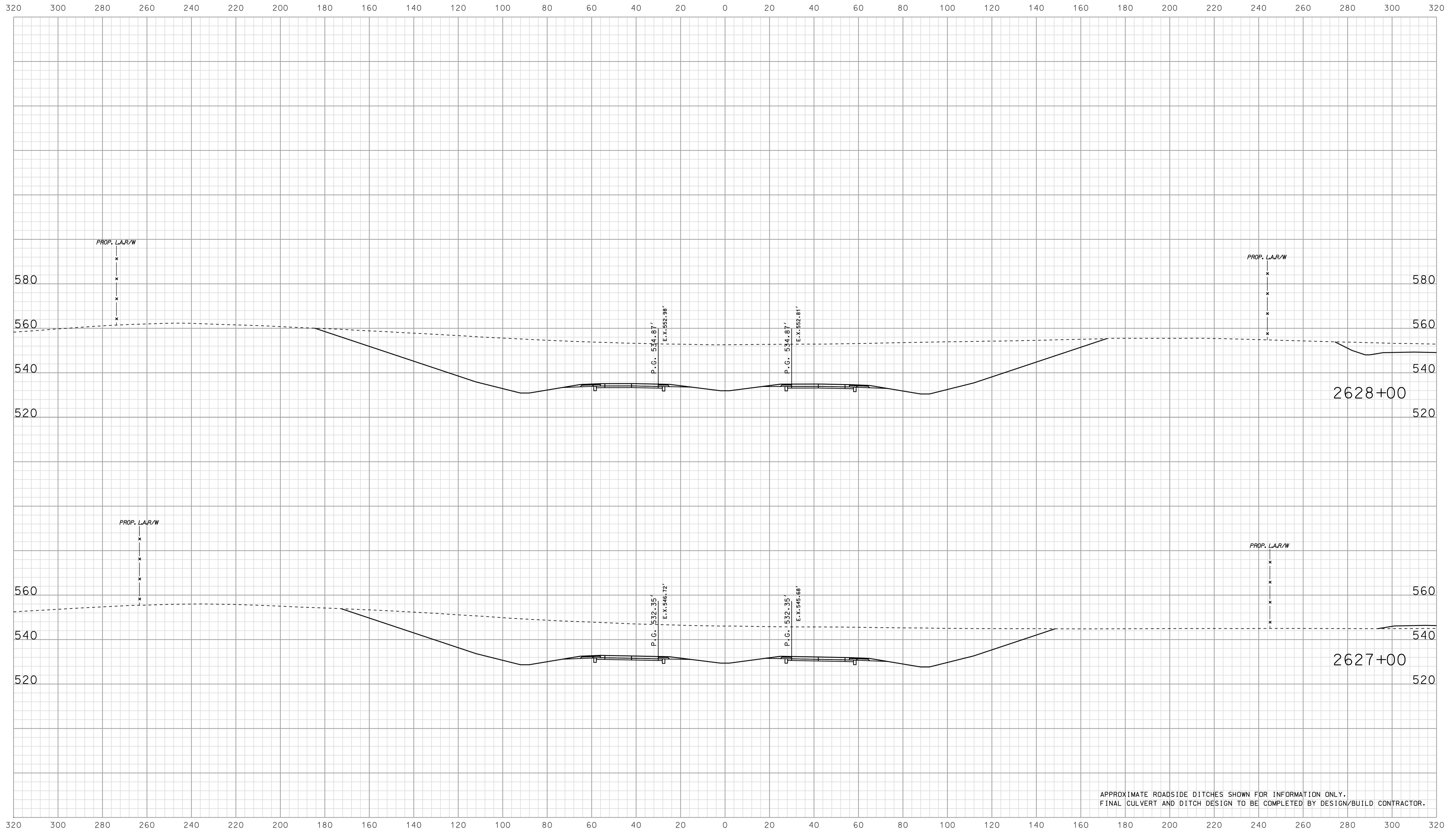
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-30  
 1/10/2010  
 IP\_P:\P\2010\25\ASEG\3\5003.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-03	147 of 373	
IR-33051	PROJECT	0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

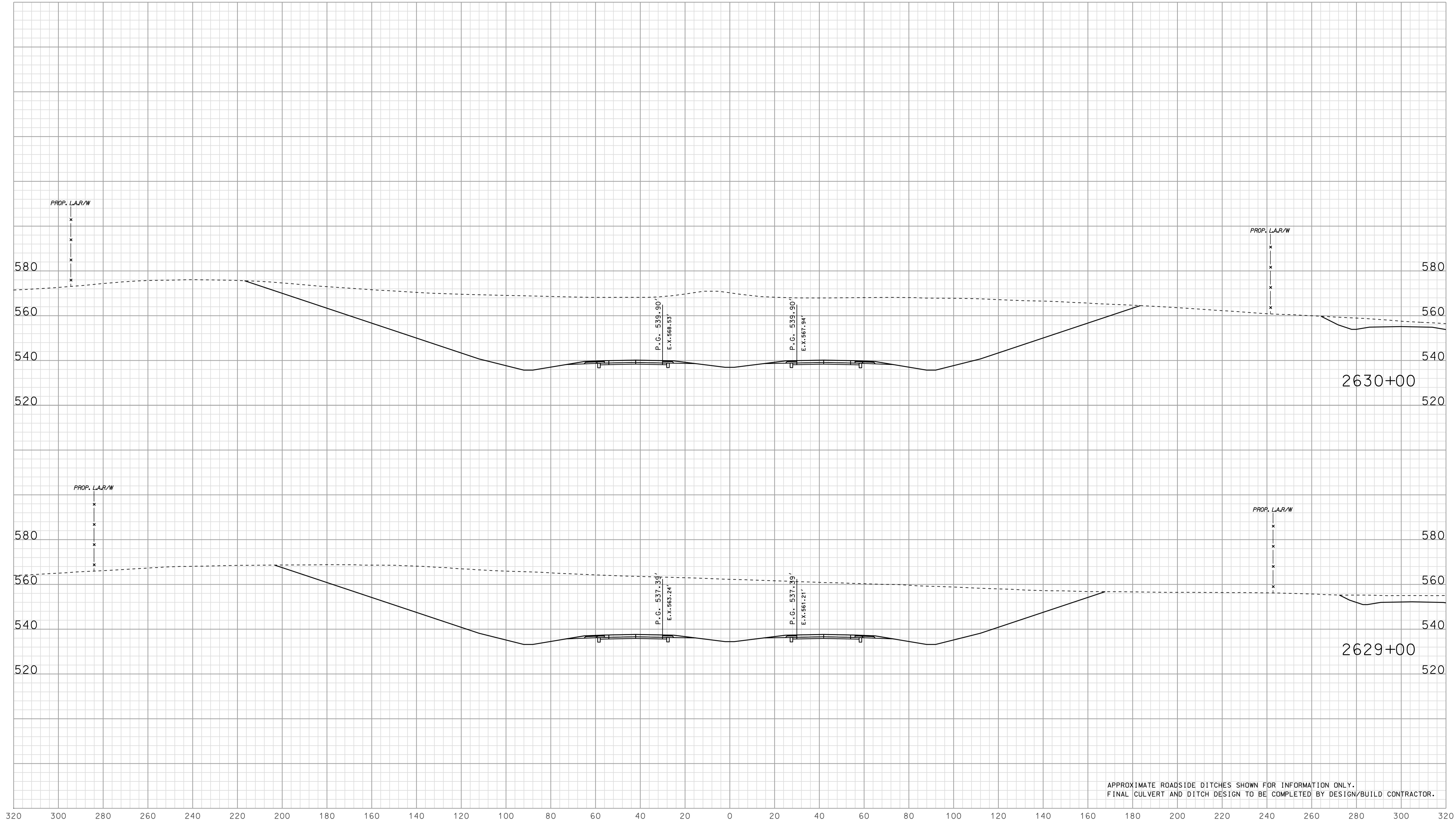
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-04	148 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	

320 300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

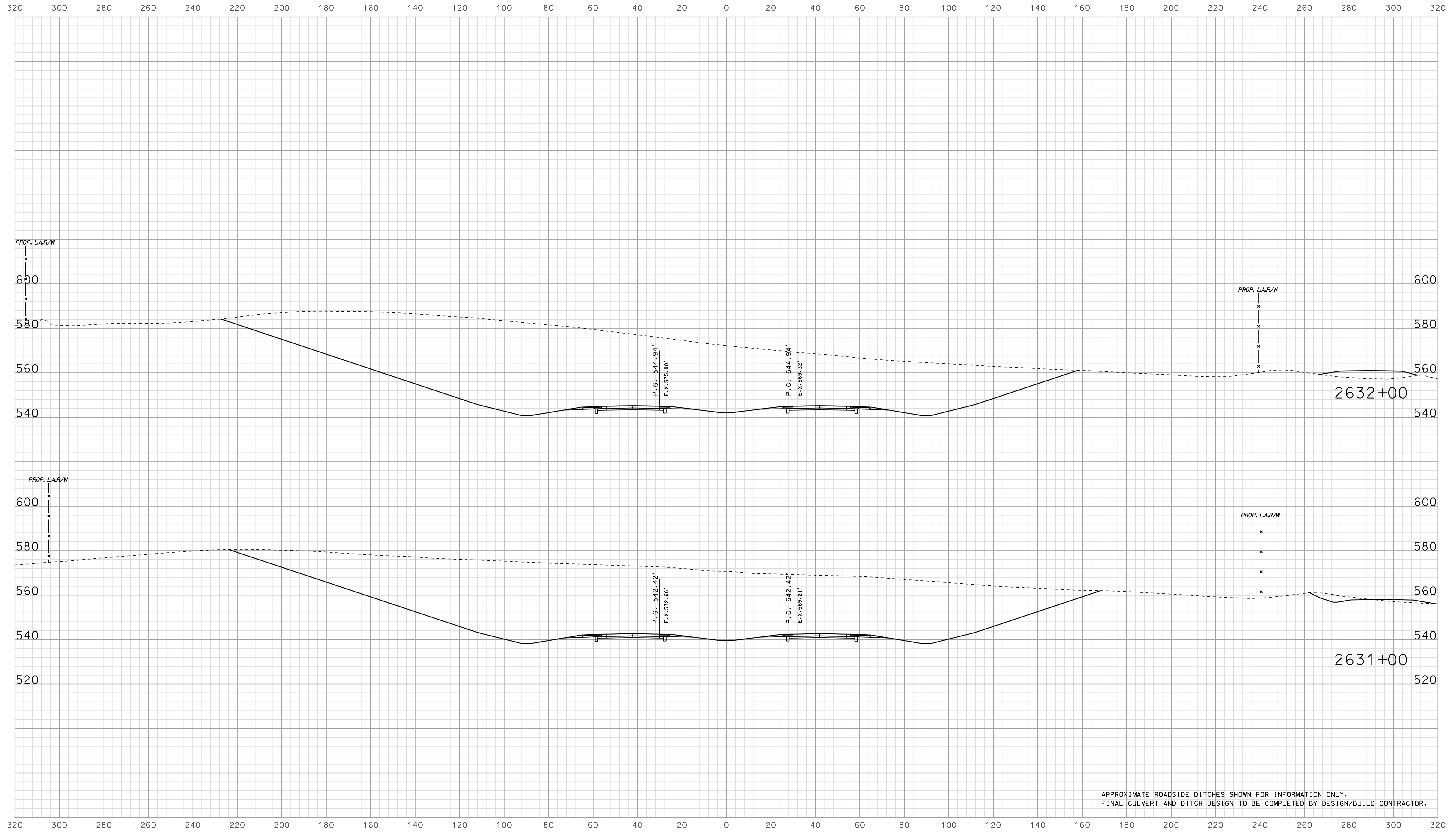
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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	
DESIGNED: <b>BJO</b>	DRAWN: <b>DH</b>
CHECKED: <b>NDH</b>	CHECKED: <b>DMA</b>

INDIANA  
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS  
LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-05	SHEET NO. 149 of 373
CONTRACT IR-33051	PROJECT 0500445	



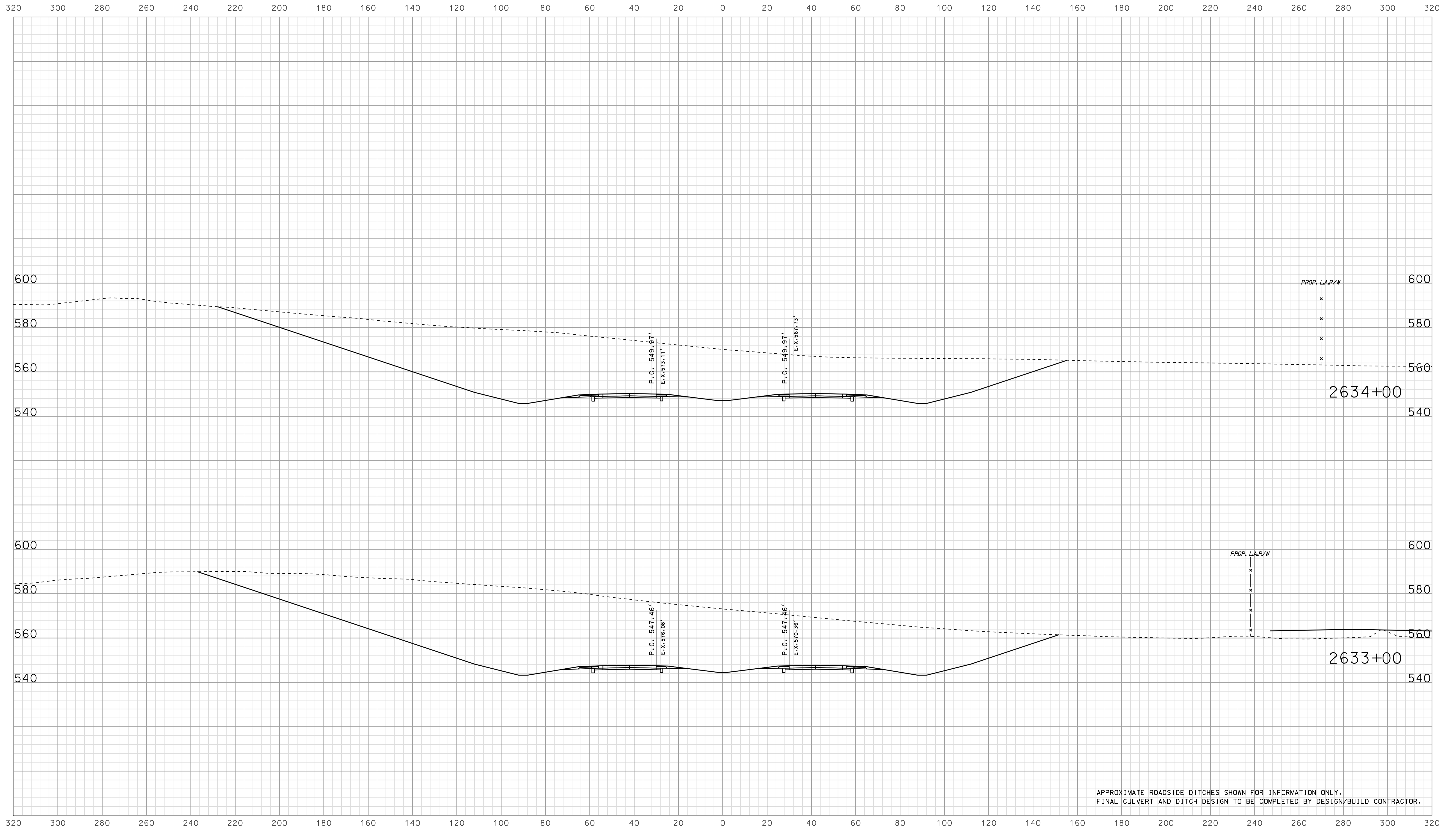
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: <b>BJO</b>	DRAWN: <b>DH</b>		
CHECKED: <b>NOH</b>	CHECKED: <b>DMA</b>		

INDIANA  
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS  
LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-06	SHEET NO. 150 of 373
CONTRACT IR-33051	PROJECT 0500445	



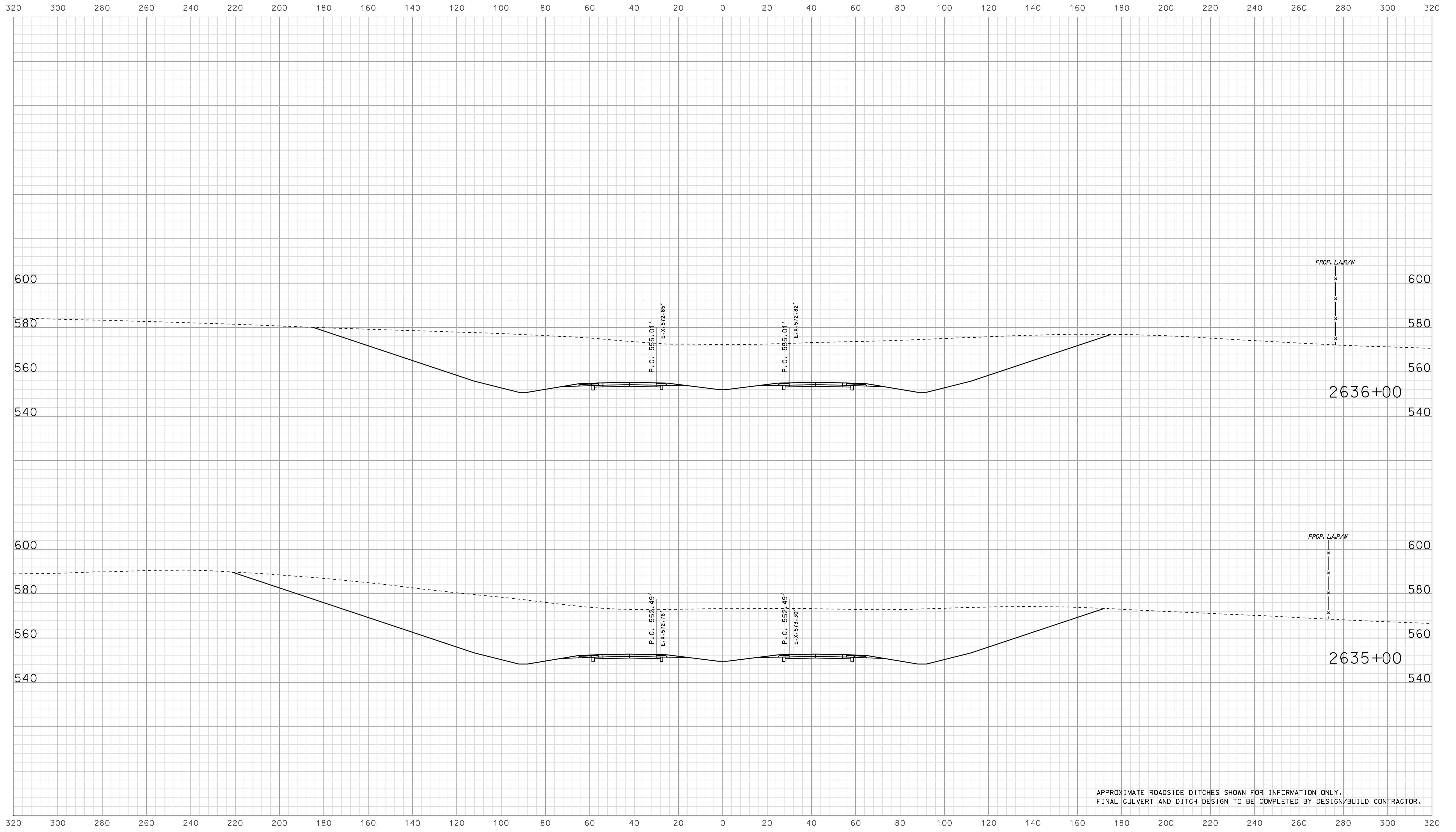
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FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH		
CHECKED: NOH	CHECKED: DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-07	SHEET NO. 151 of 373
CONTRACT IR-33051	PROJECT 0500445	



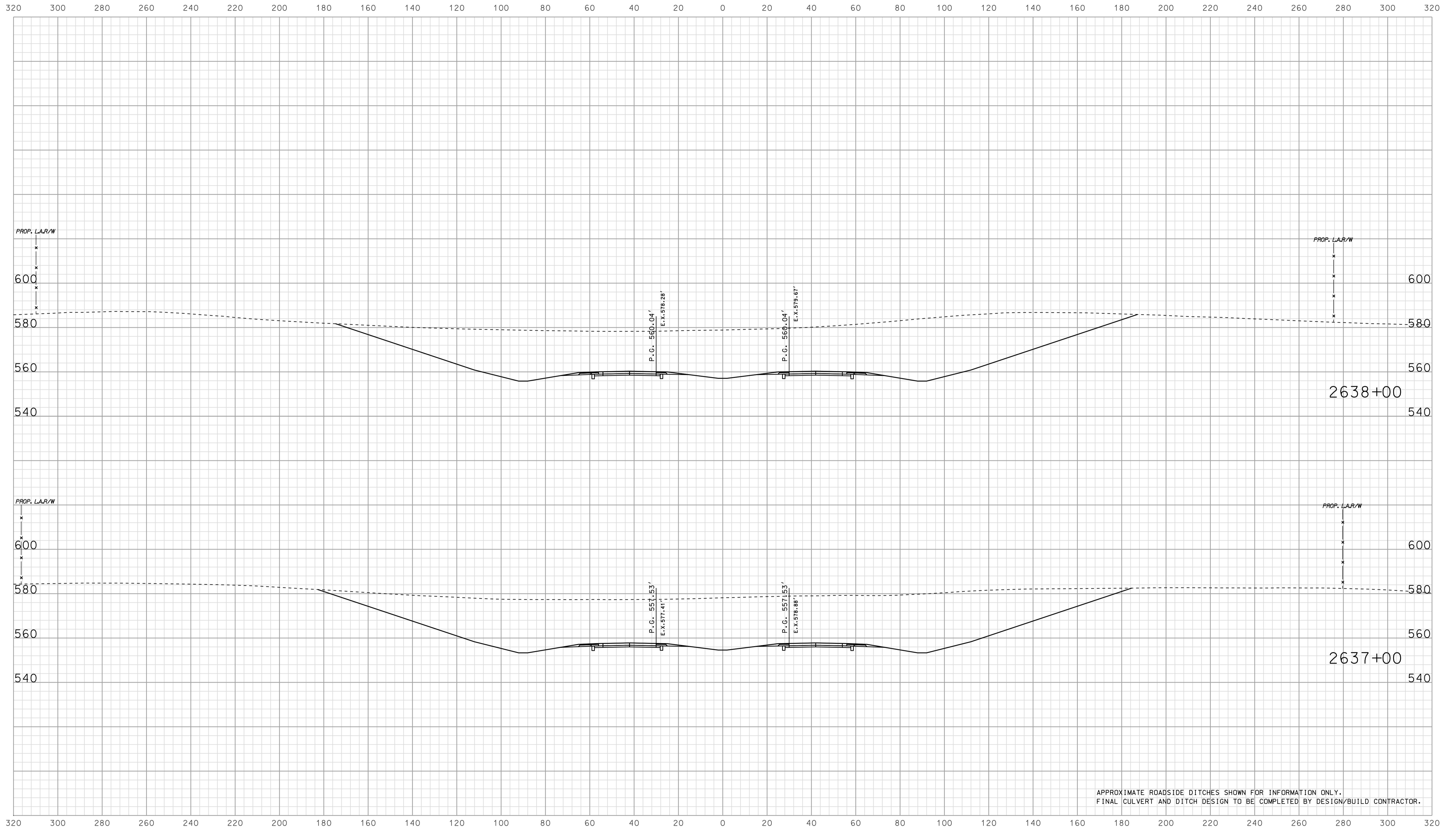
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-08	152 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

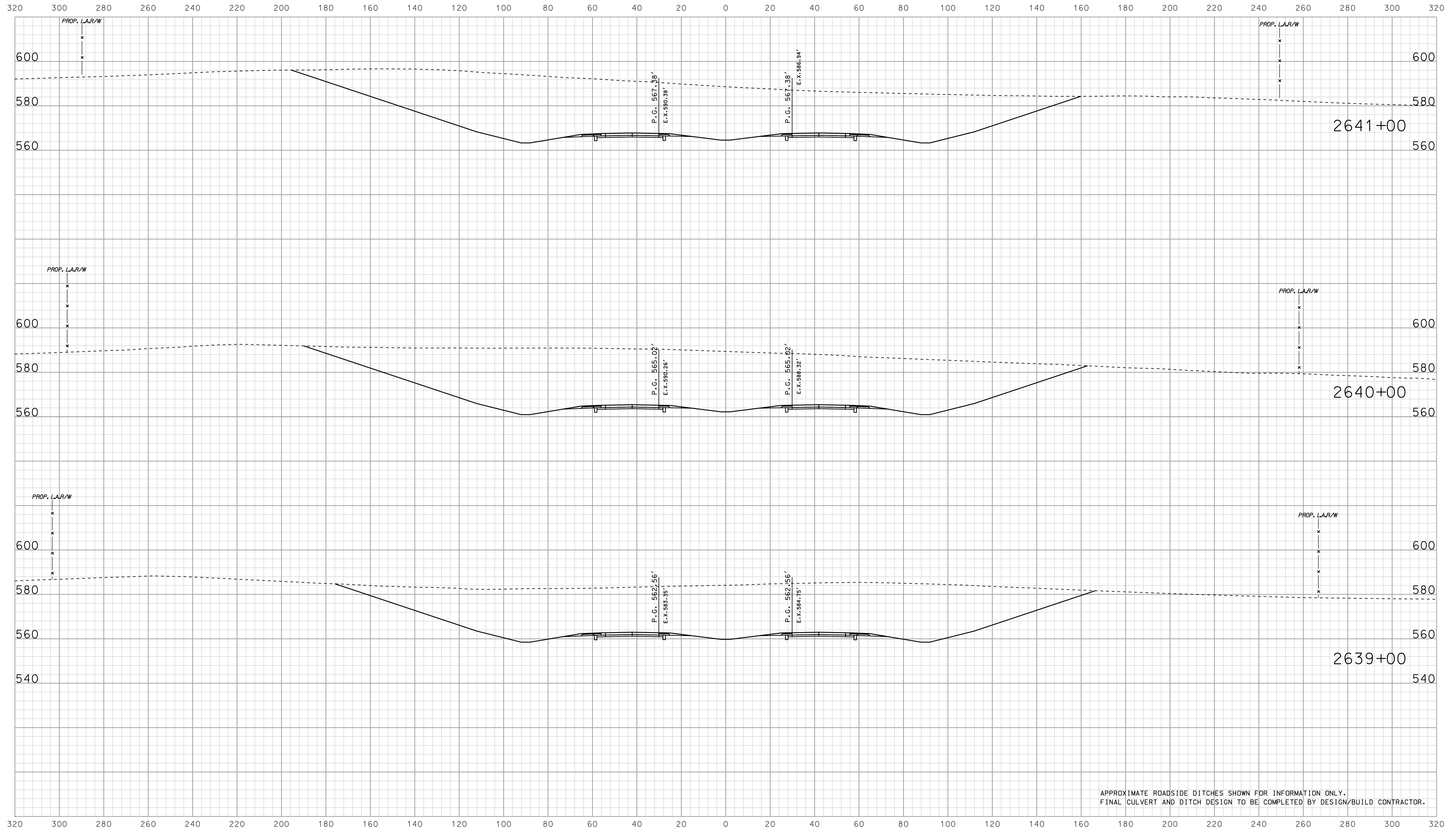
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: <b>BJO</b>	DRAWN: <b>DH</b>		
CHECKED: <b>NDH</b>	CHECKED: <b>DMA</b>		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-09	SHEET NO. 153 of 373
CONTRACT IR-33051	PROJECT 0500445	





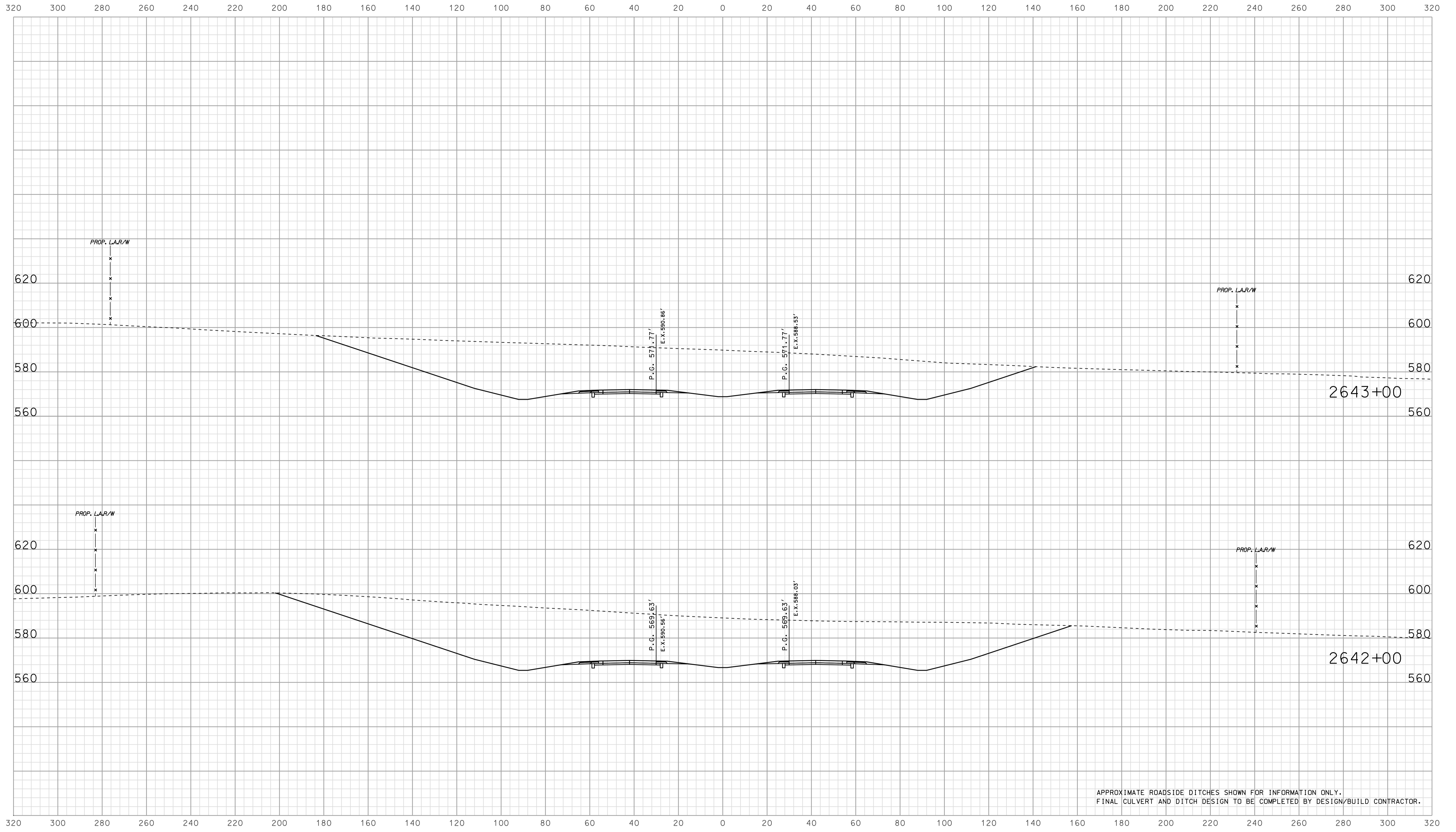
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

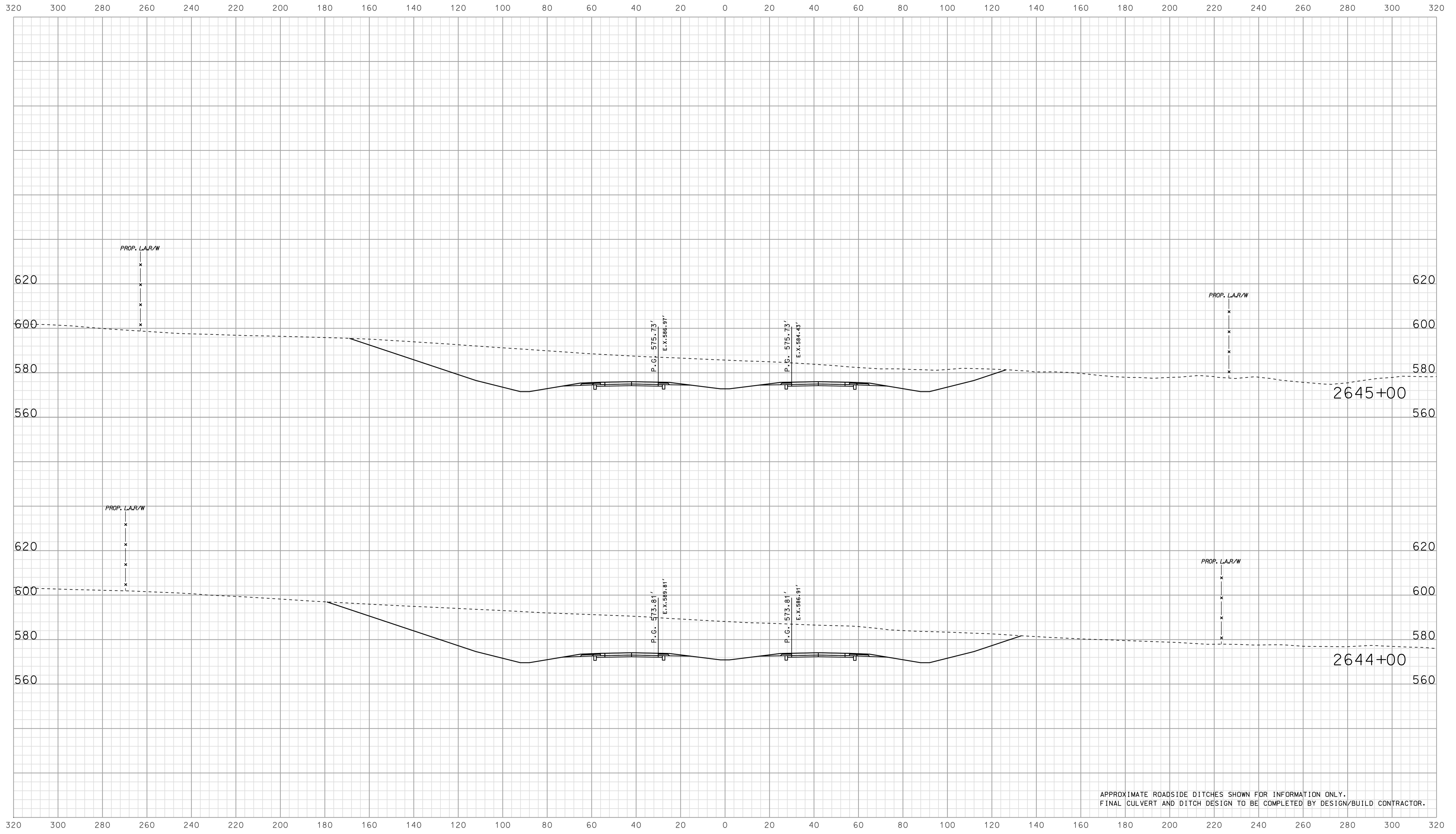
HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-10	154 of 373	
IR-33051	PROJECT	0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

10/10/05 2:00 PM  
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	RECOMMENDED FOR APPROVAL		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
	DESIGNED: <b>BJO</b>	DRAWN: <b>DH</b>	ROADWAY CROSS SECTIONS LINE "A"		VERTICAL SCALE 1" = 20'	DESIGNATION <b>0500445</b>
	CHECKED: <b>NOH</b>	CHECKED: <b>DMA</b>			SURVEY BOOK CONTRACT <b>IR-33051</b>	DWG. NO. / SHEET NO. <b>XS-11 / 155 of 373</b> PROJECT <b>0500445</b>



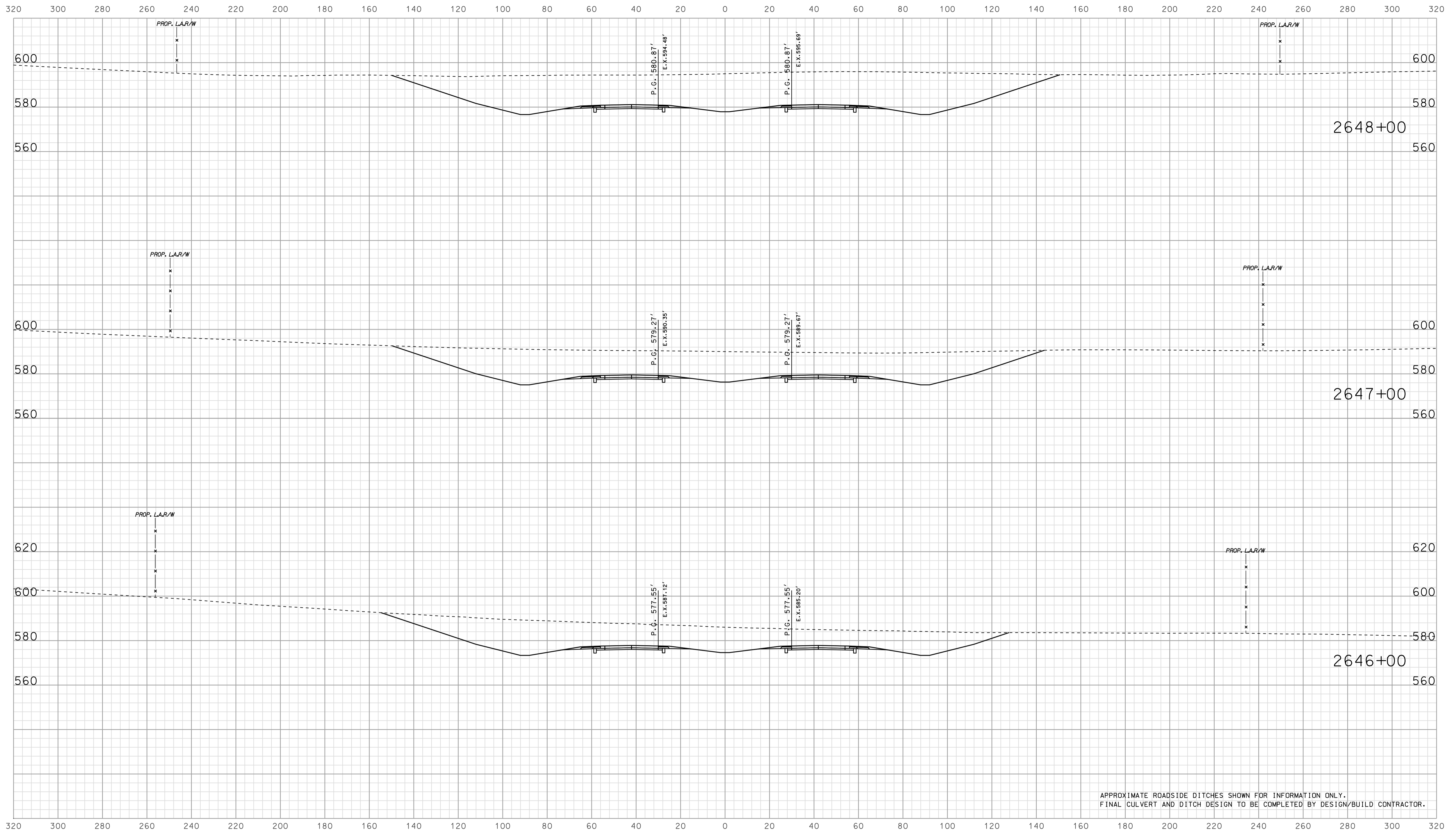
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

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 10/26/2010

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-12	156 of 373	
PROJECT		PROJECT	
0500445		0500445	



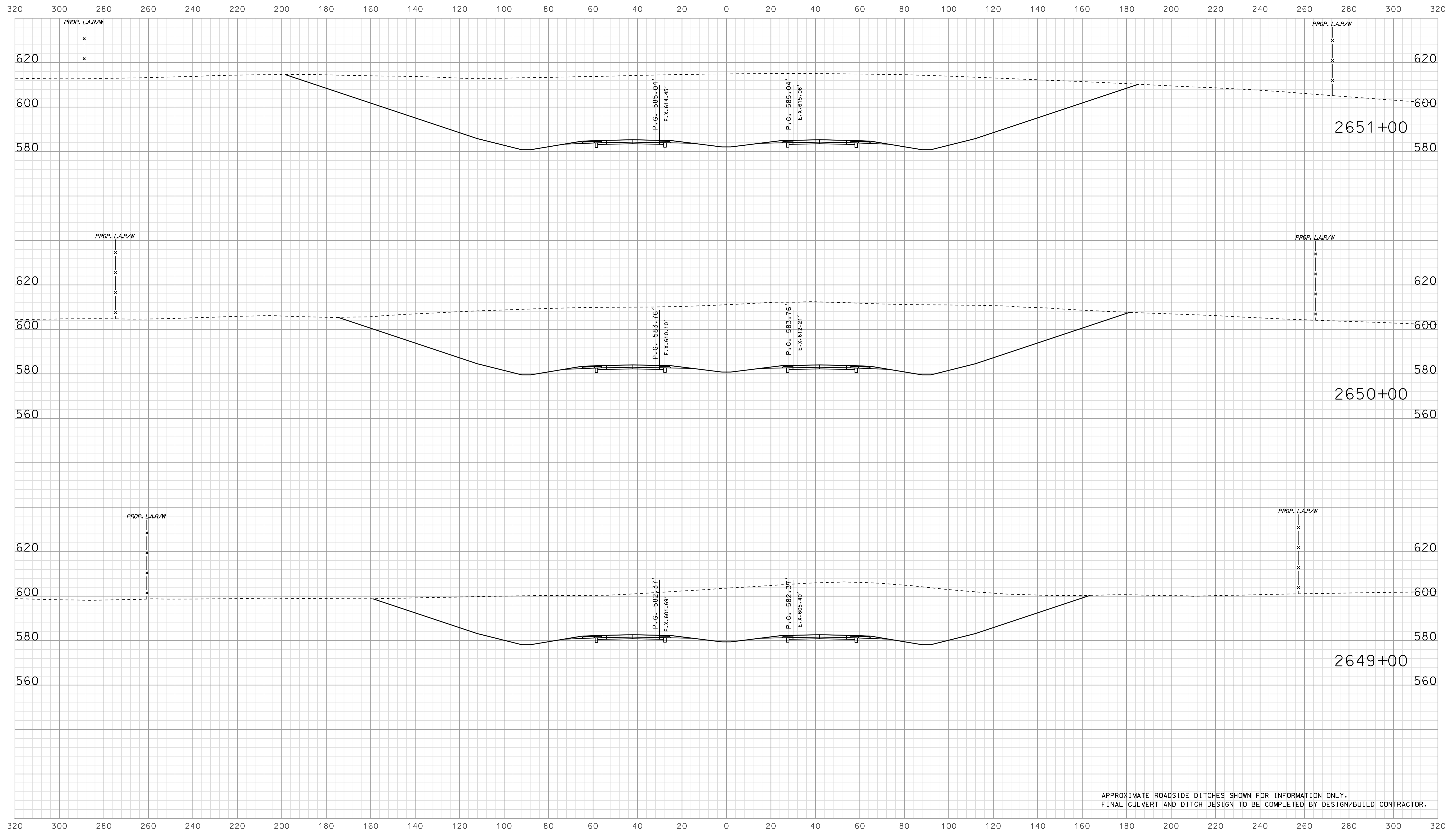
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK		DWG. NO.	SHEET NO.
IR-33051		XS-13	157 of 373
PROJECT		PROJECT	
		0500445	



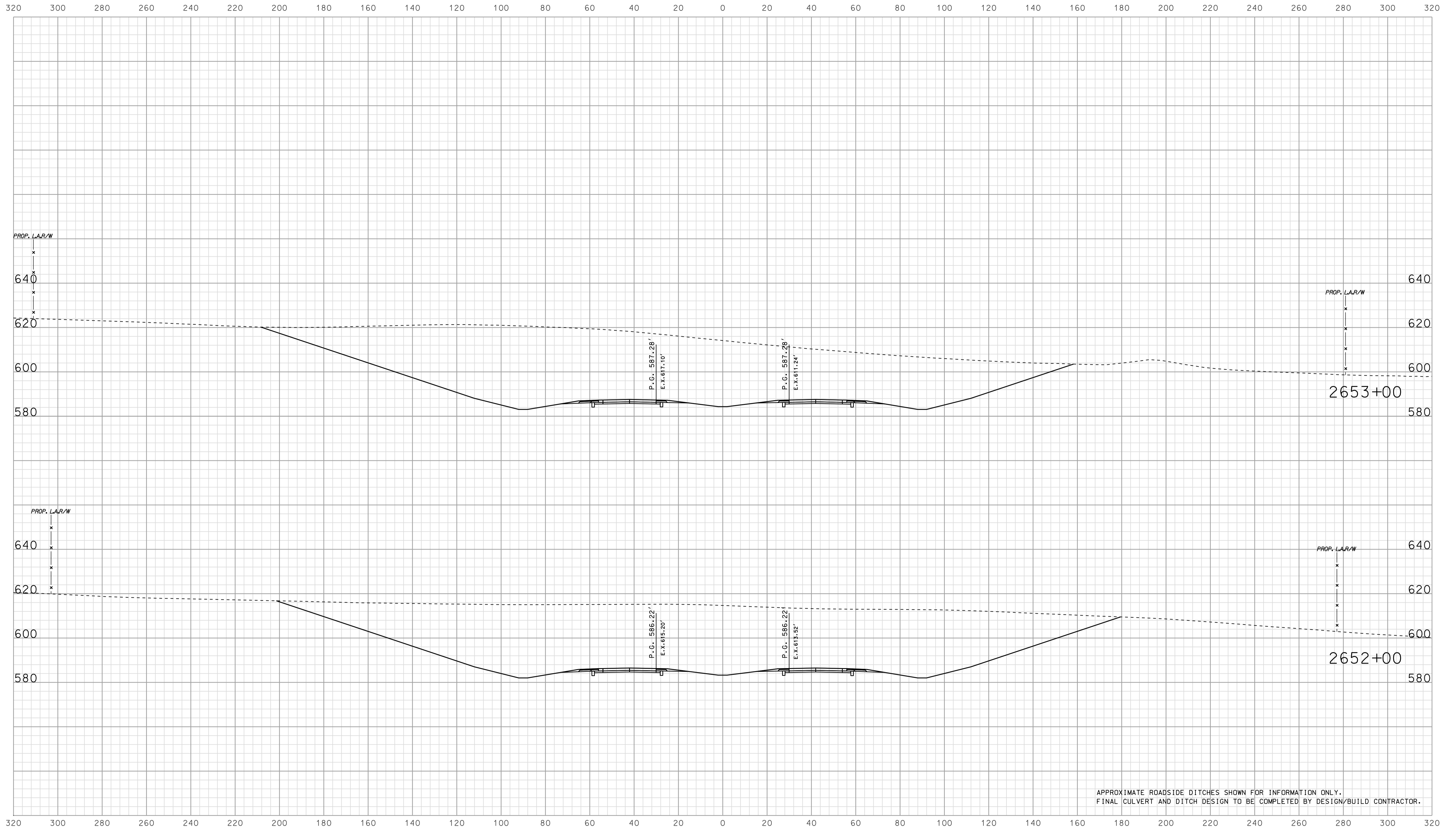
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15.32  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-14	158 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	



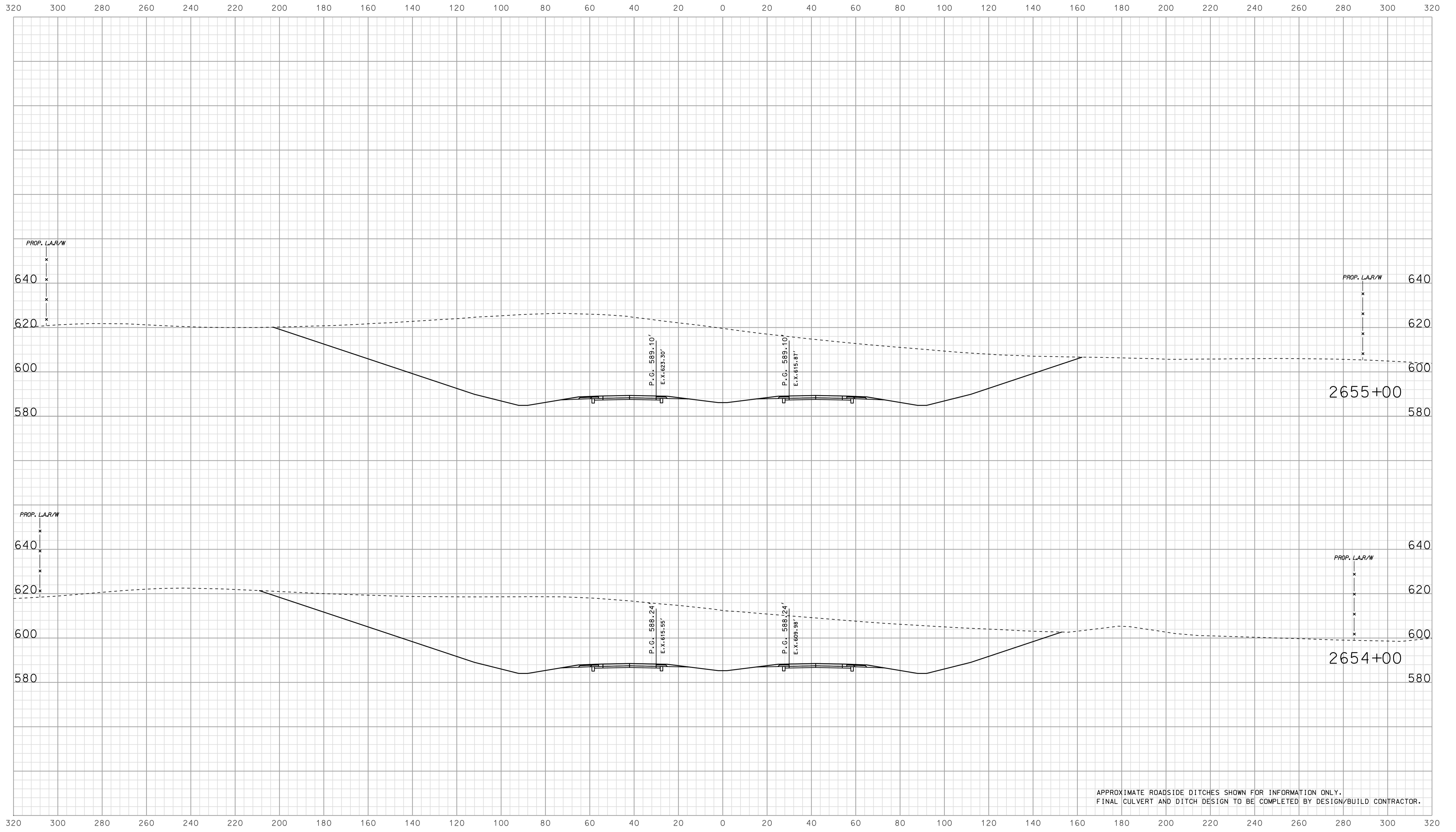
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15.32  
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 10/15/05

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NDH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-15	159 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	



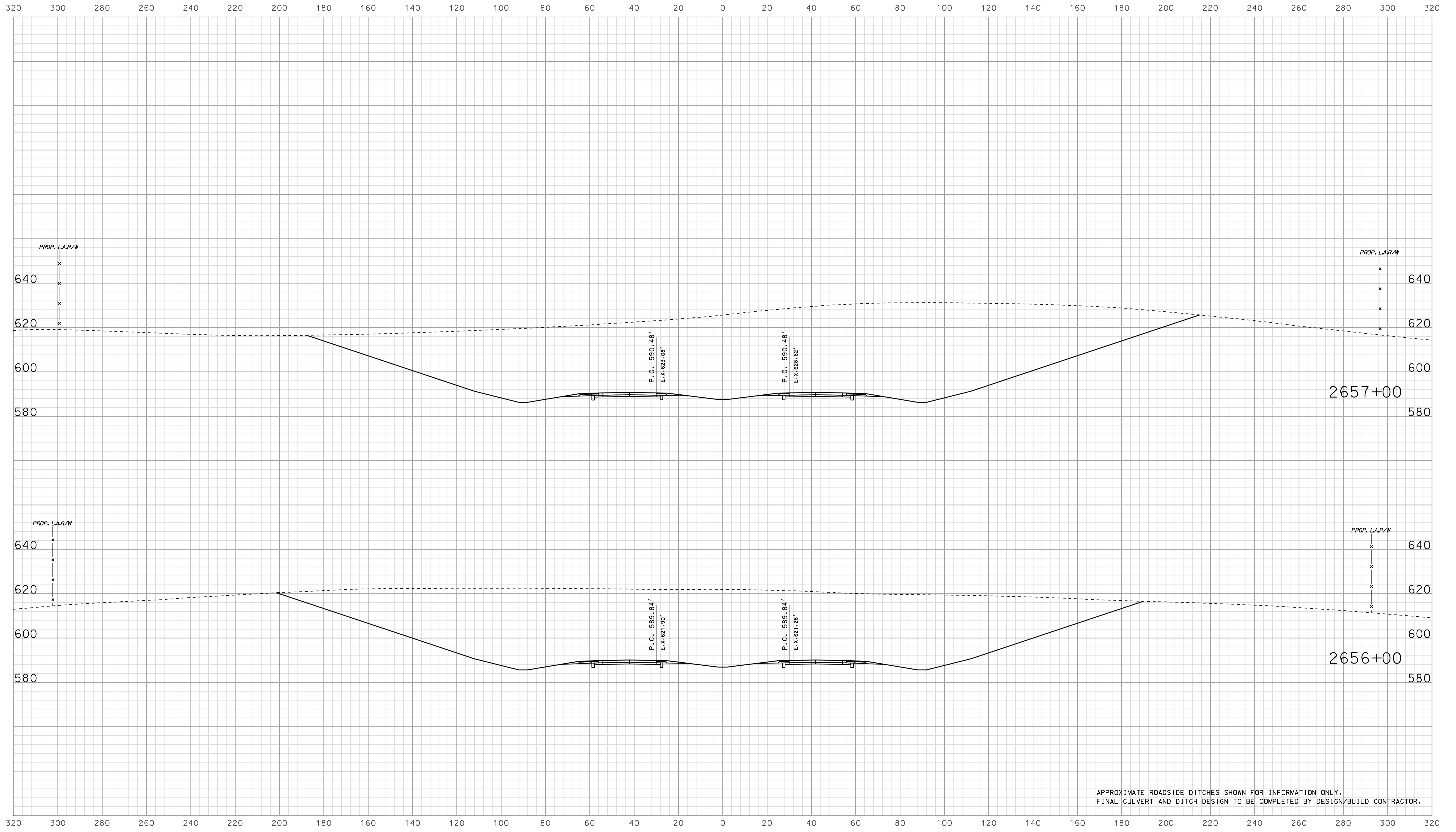
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15.32  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	IR-33051	XS-16	160 of 373
PROJECT		0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
 FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

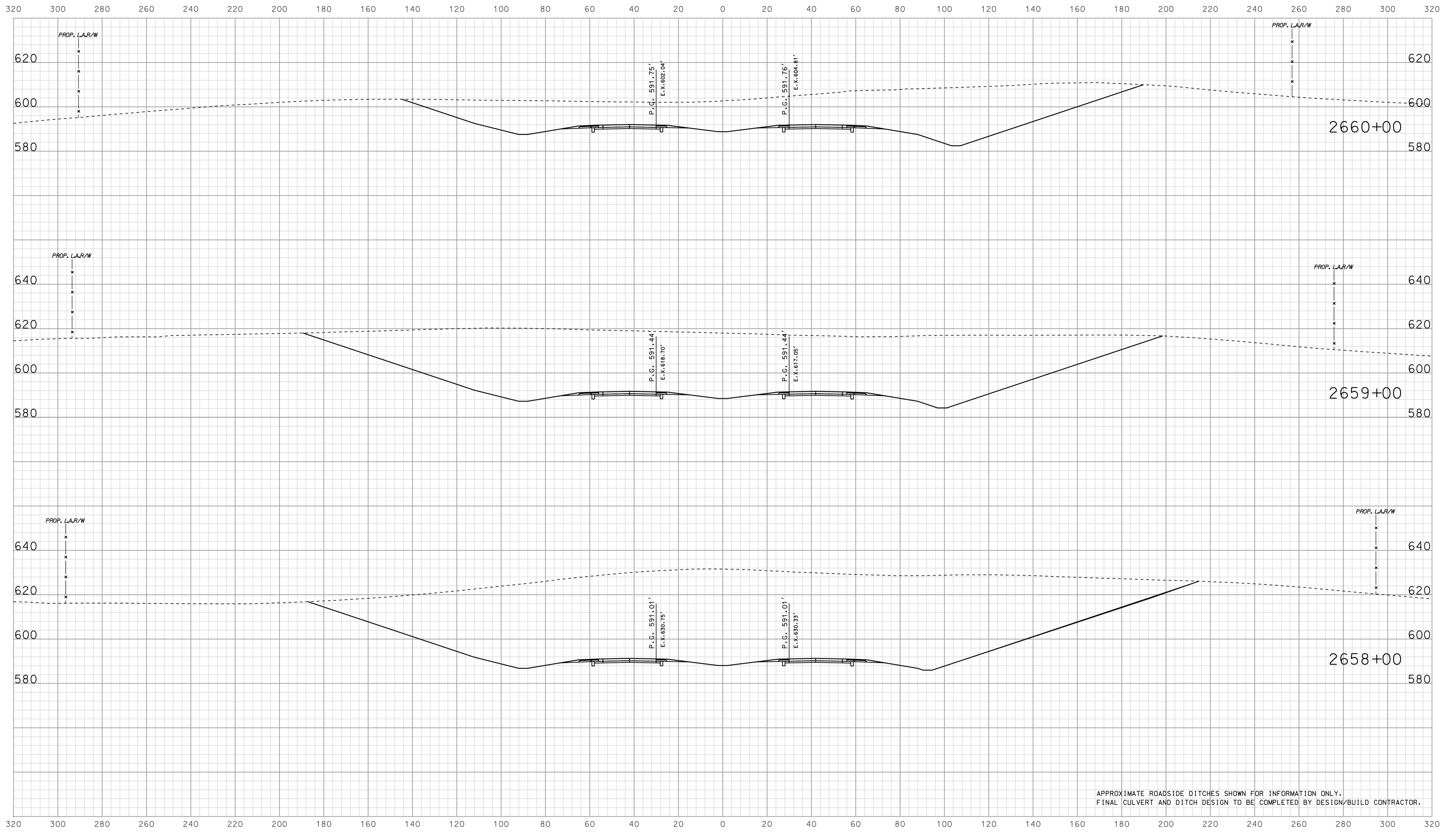
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: <b>BJO</b>	DRAWN: <b>DH</b>		
CHECKED: <b>NOH</b>	CHECKED: <b>DMA</b>		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
  
**ROADWAY CROSS SECTIONS**  
**LINE "A"**

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-17	SHEET NO. 161 of 373
CONTRACT IR-33051	PROJECT 0500445	

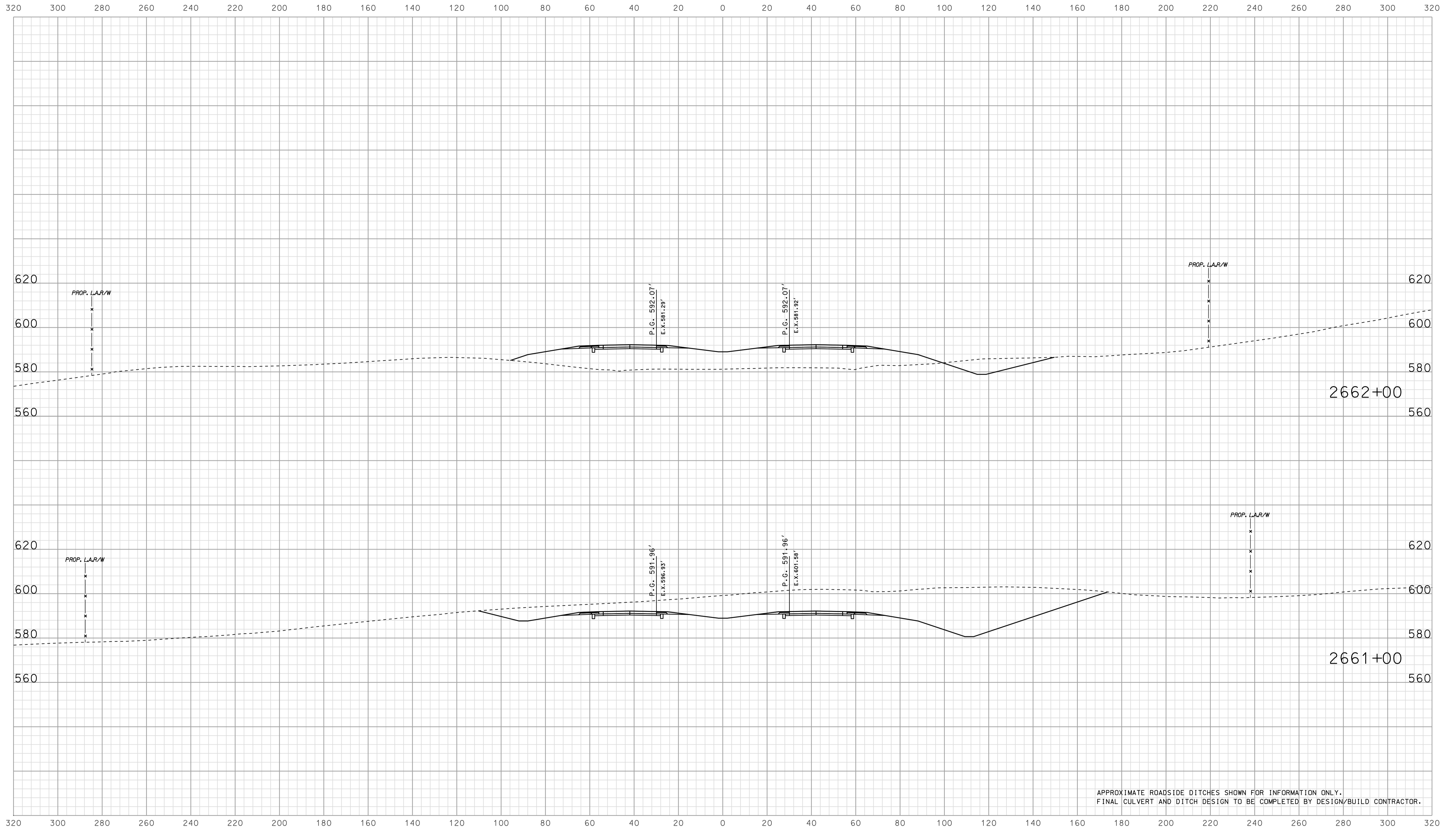




APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
 FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15.32  
 1/10/2010  
 IP\_PWP-2010025A-SEG13X501B.dgn

	RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION			HORIZONTAL SCALE 1" = 20'		BRIDGE FILE	
	DESIGNED: <b>BJO</b>		DRAWN: <b>DH</b>		ROADWAY CROSS SECTIONS LINE "A"			VERTICAL SCALE 1" = 20'		DESIGNATION 0500445	
CHECKED: <b>NDH</b>		CHECKED: <b>DMA</b>		SURVEY BOOK XS-18				DWG. NO. 162 of 373	SHEET NO. 162 of 373		PROJECT 0500445
							CONTRACT IR-33051		PROJECT 0500445		



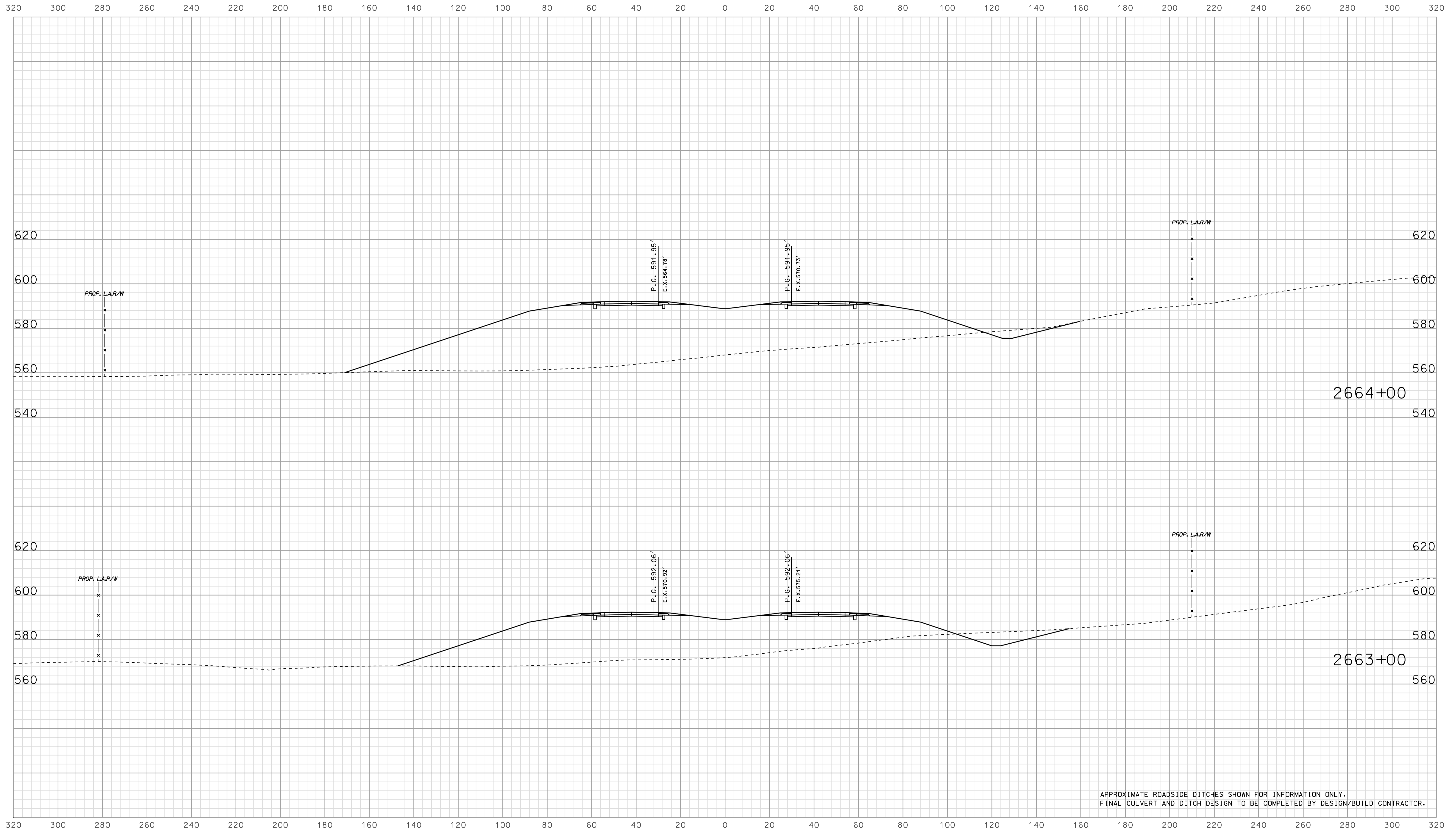
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-19	SHEET NO. 163 of 373
CONTRACT IR-33051	PROJECT 0500445	



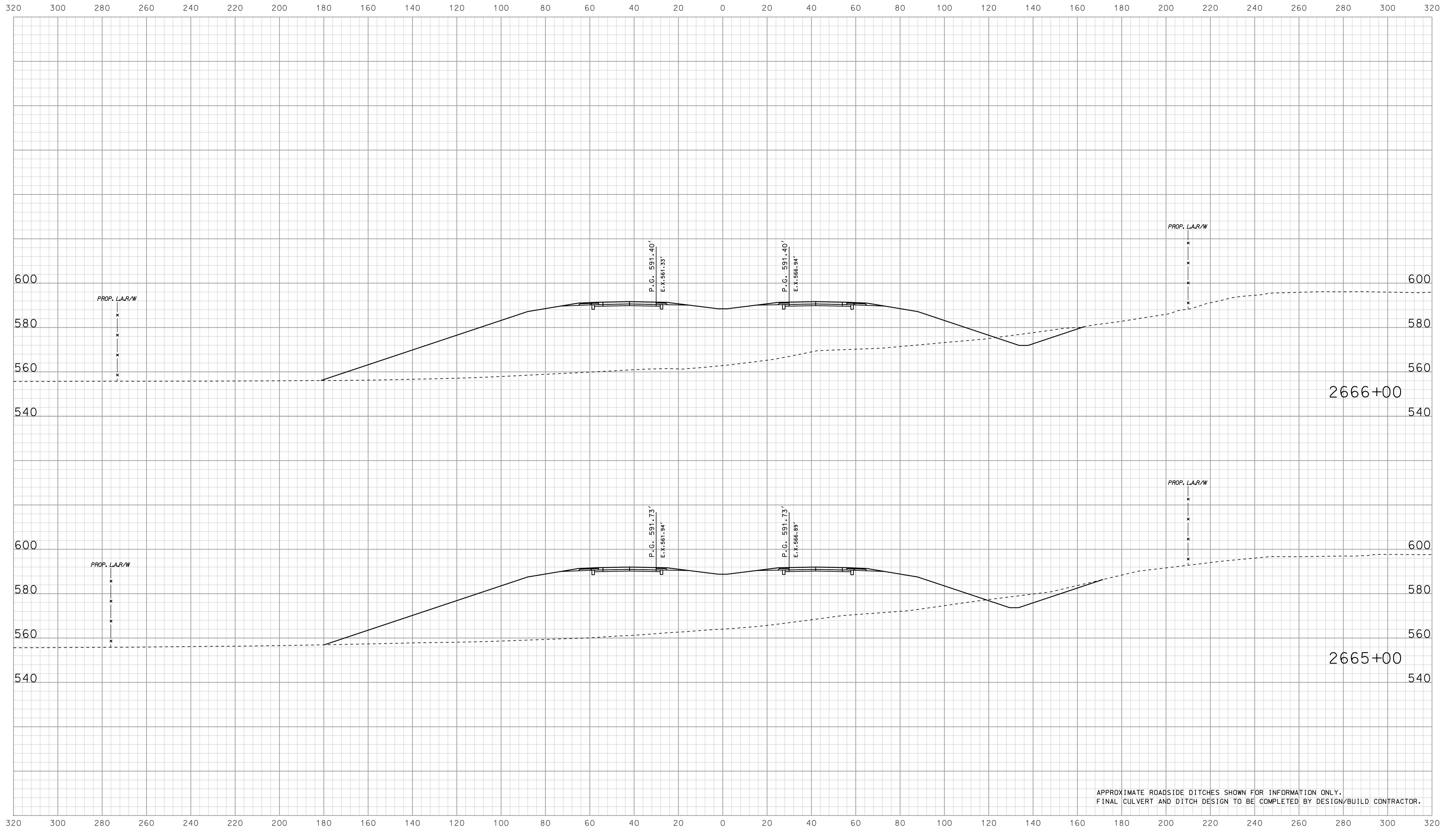
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-333  
 1/10/2010  
 IP\_PWP-816002545E63X5020.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK		DWG. NO.	SHEET NO.
		XS-20	164 of 373
CONTRACT		PROJECT	
IR-33051		0500445	



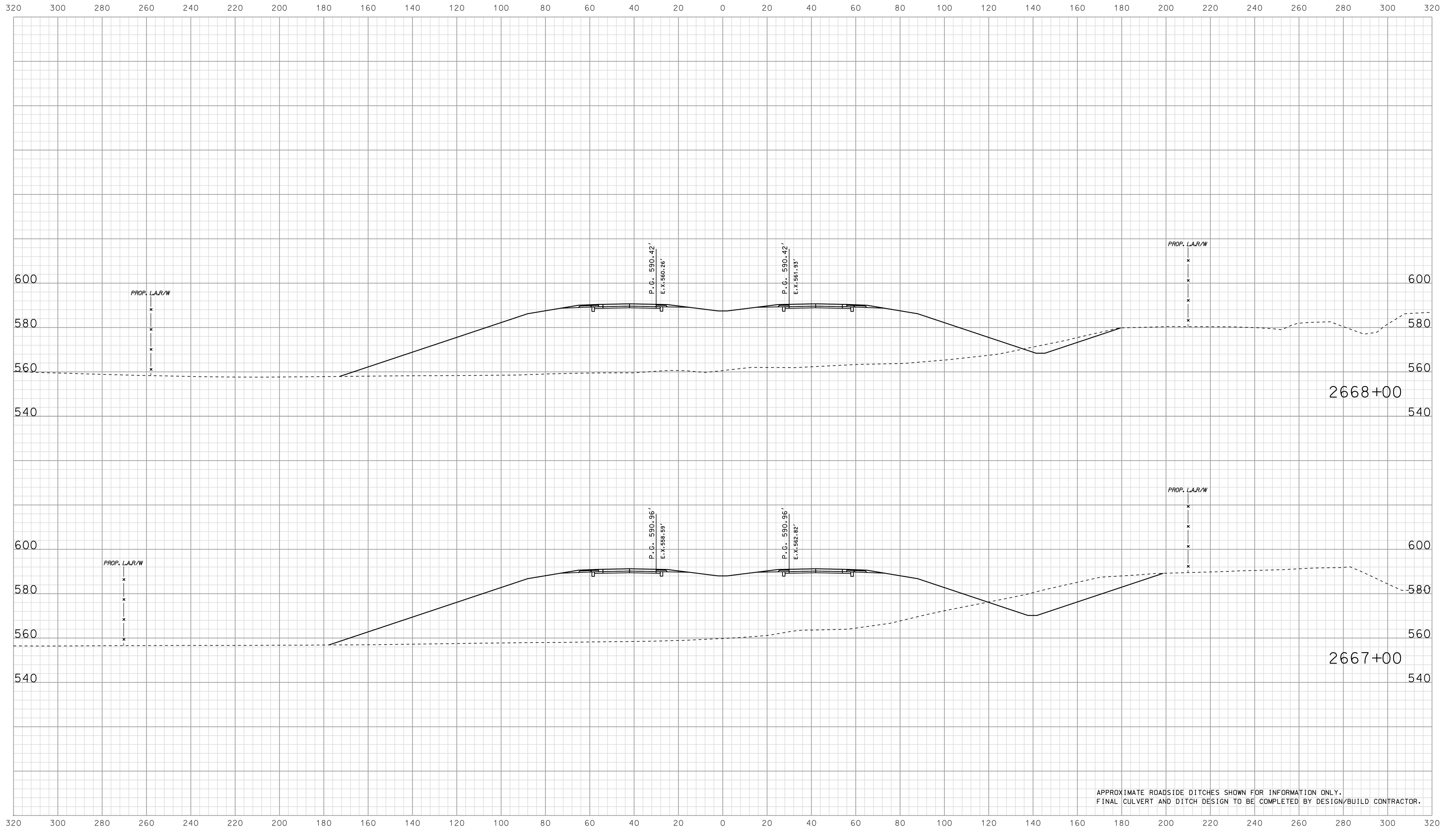
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15.33  
 10/10/2010  
 IP\_P:\P\2665025\ASEG\3\502.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-21	165 of 373	
CONTRACT	PROJECT		
IR-33051	0500445		



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

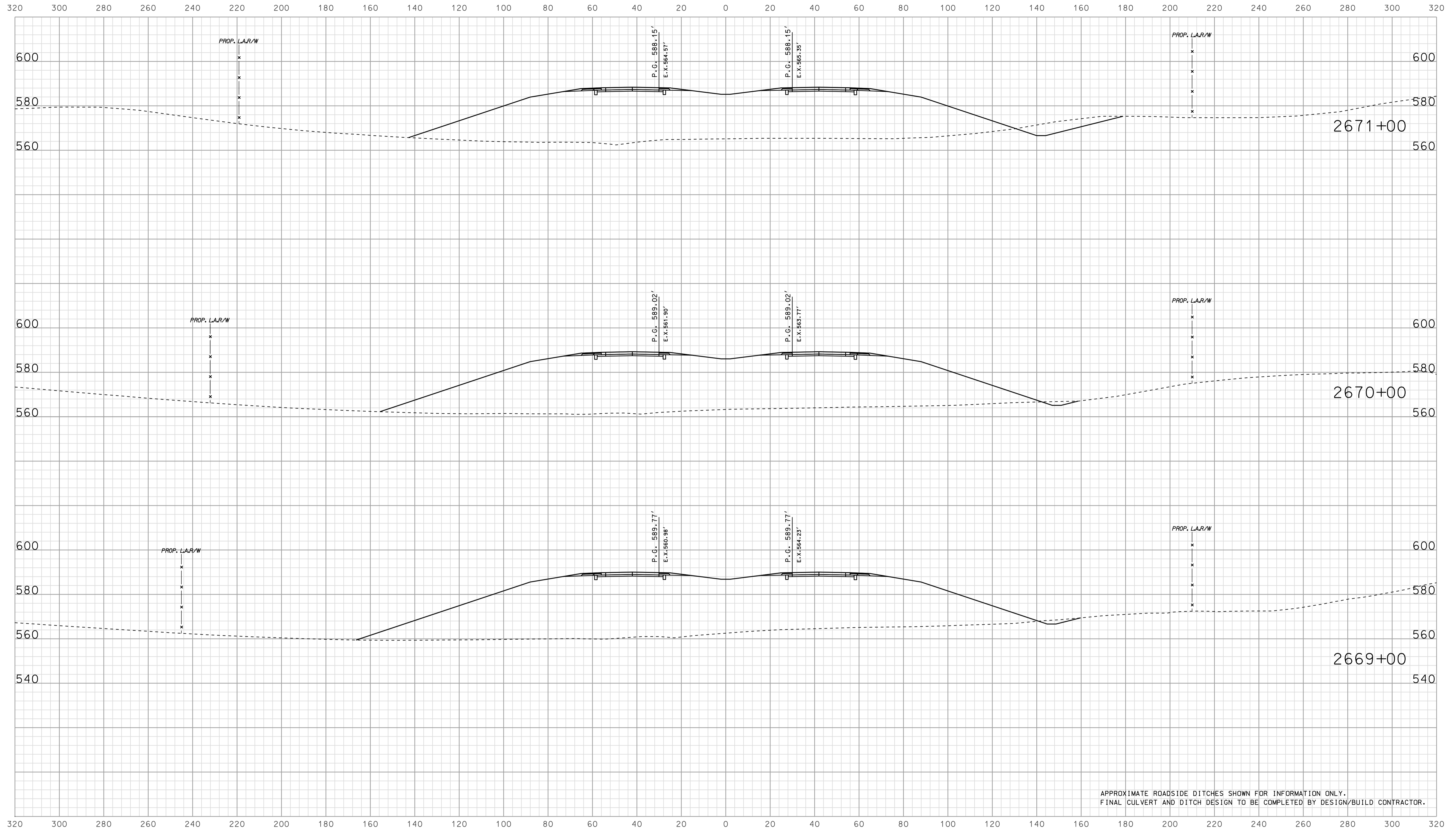
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 1/16/2010  
 IP\_P:\P\300254\SE\GIS\3022.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-22	SHEET NO. 166 of 373
CONTRACT IR-33051	PROJECT 0500445	

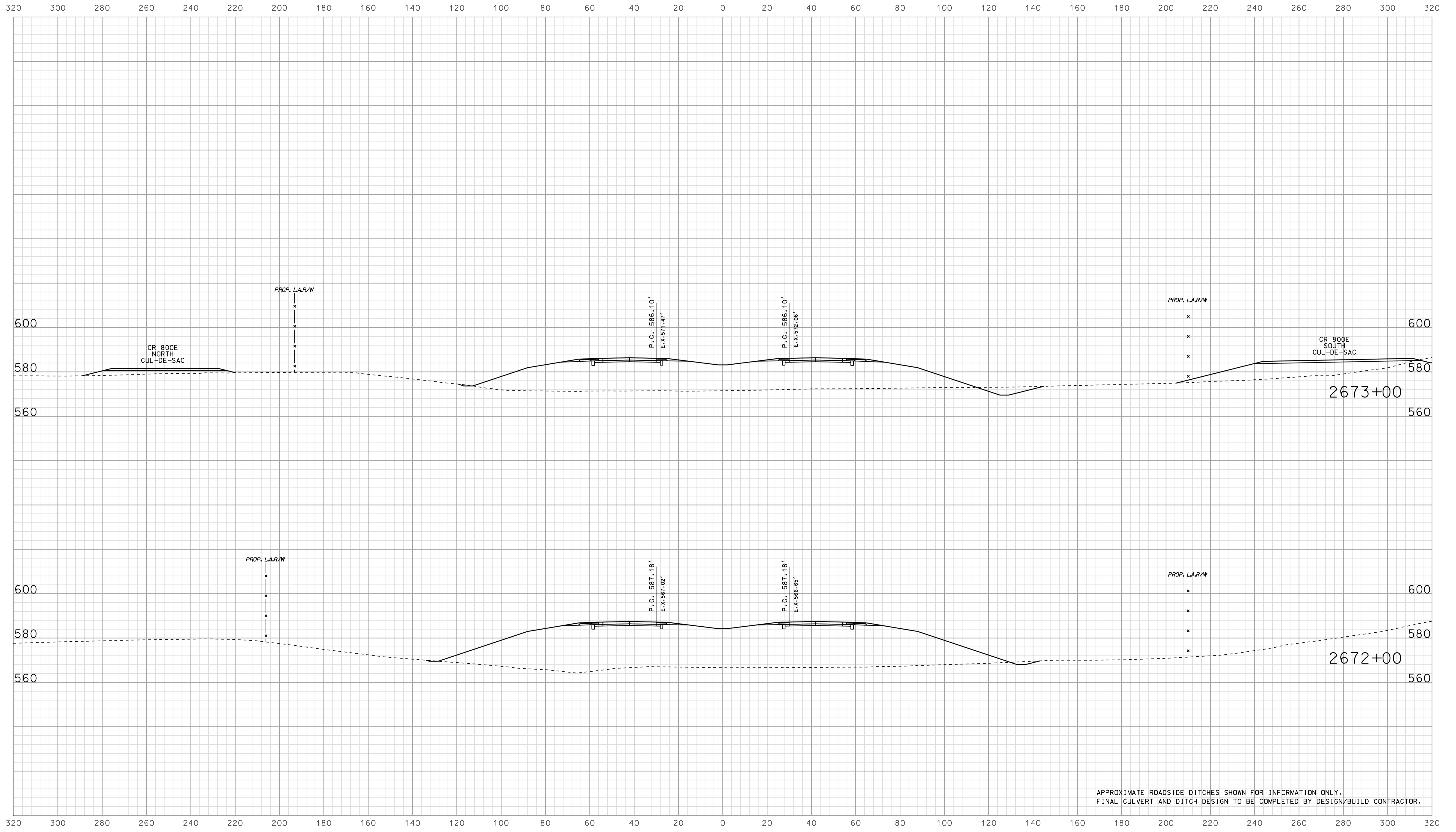
Scale 1 inch = 20 feet



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-33  
 10/16/05  
 IP\_PWP-24860254-SEGEI3X5023.dgn

	RECOMMENDED FOR APPROVAL _____	INDIANA DEPARTMENT OF TRANSPORTATION		BRIDGE FILE	
	DESIGN ENGINEER _____ DATE _____			DESIGNATION 0500445	
DESIGNED: BJO	DRAWN: DH	ROADWAY CROSS SECTIONS LINE "A"		SURVEY BOOK	
CHECKED: NOH	CHECKED: DMA			DWG. NO. XS-23	
				CONTRACT PROJECT	
				IR-33051 0500445	



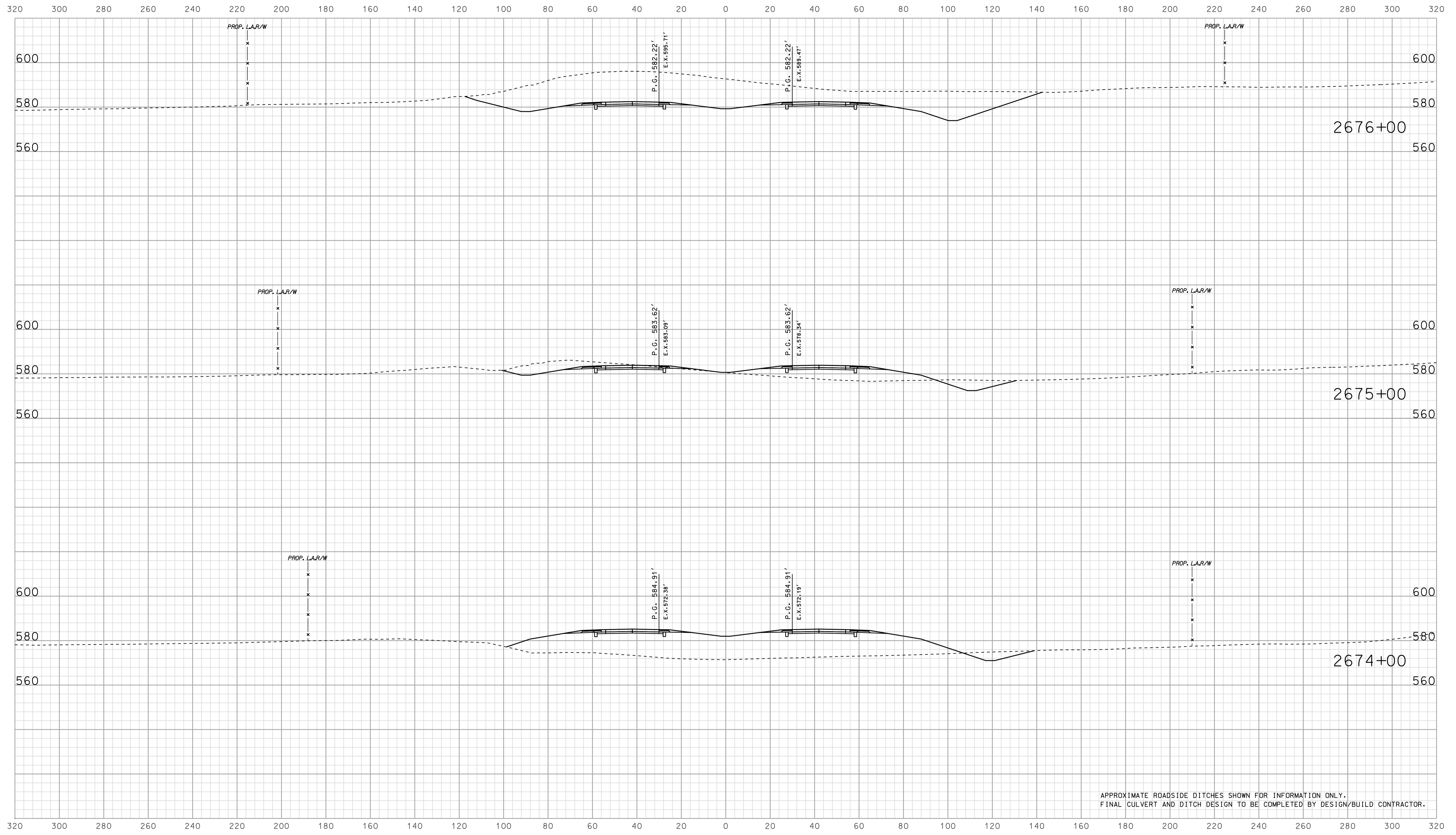
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-333  
 10/10/2010  
 IP\_PWP-81002545E635024491

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-24	168 of 373	
PROJECT		PROJECT	
IR-33051		0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

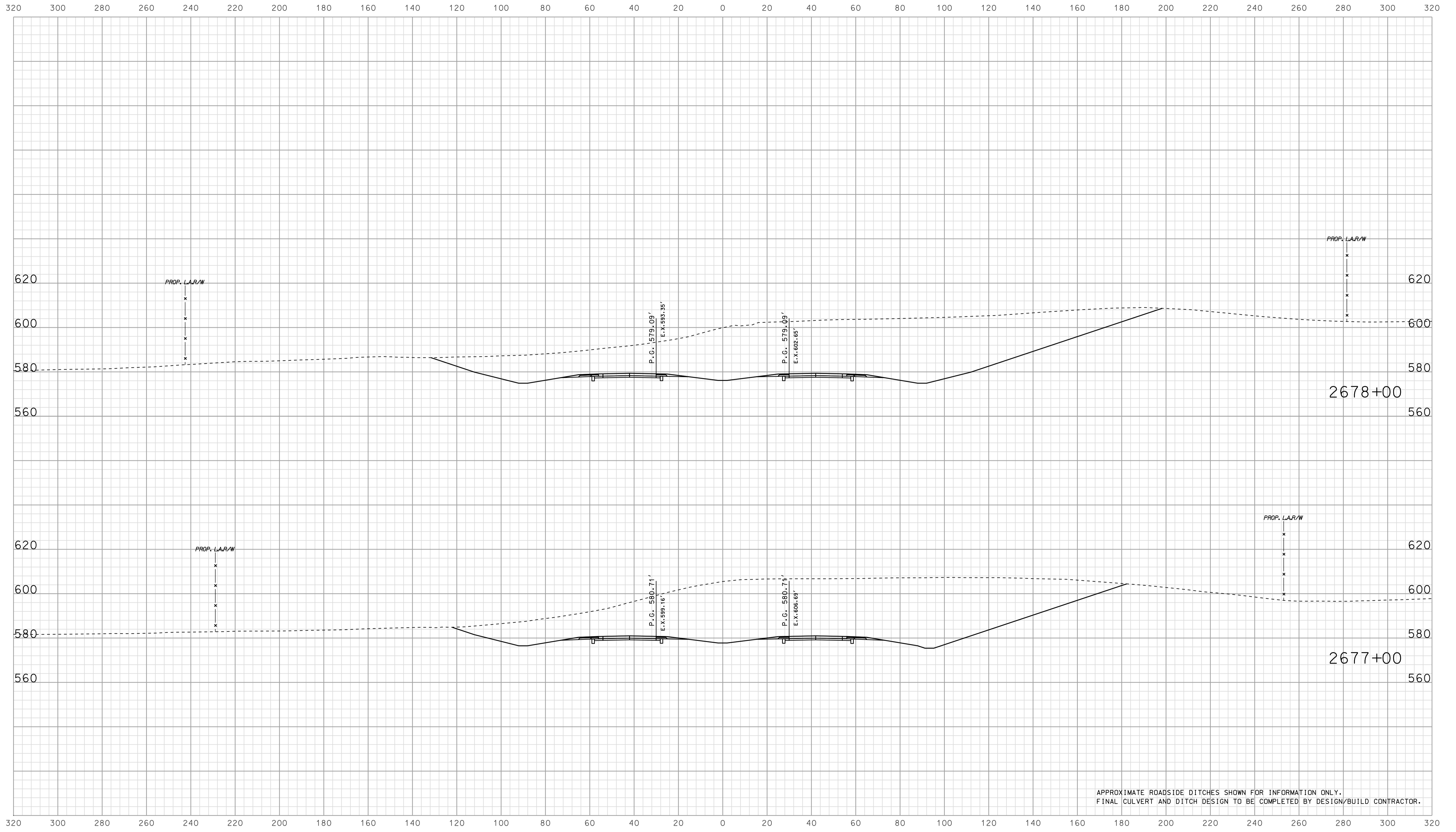
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 10/10/25  
 IP\_PWP-2010025A-SEG13X5025.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-25	169 of 373	
IR-33051	PROJECT	0500445	





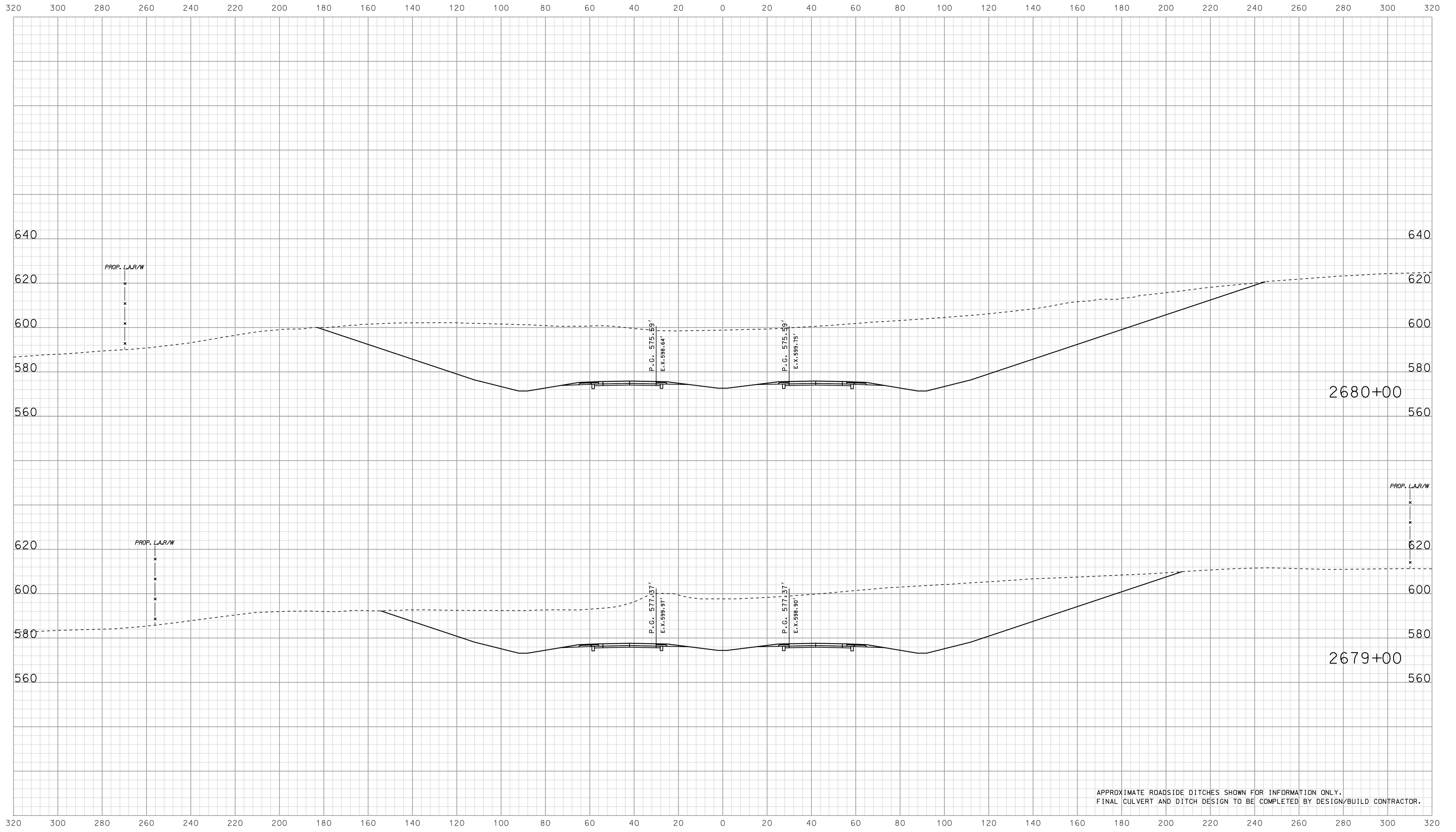
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-33  
 1/10/2010  
 IP\_PWP-810025A\FSE\GIS\350526.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-26	170 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	



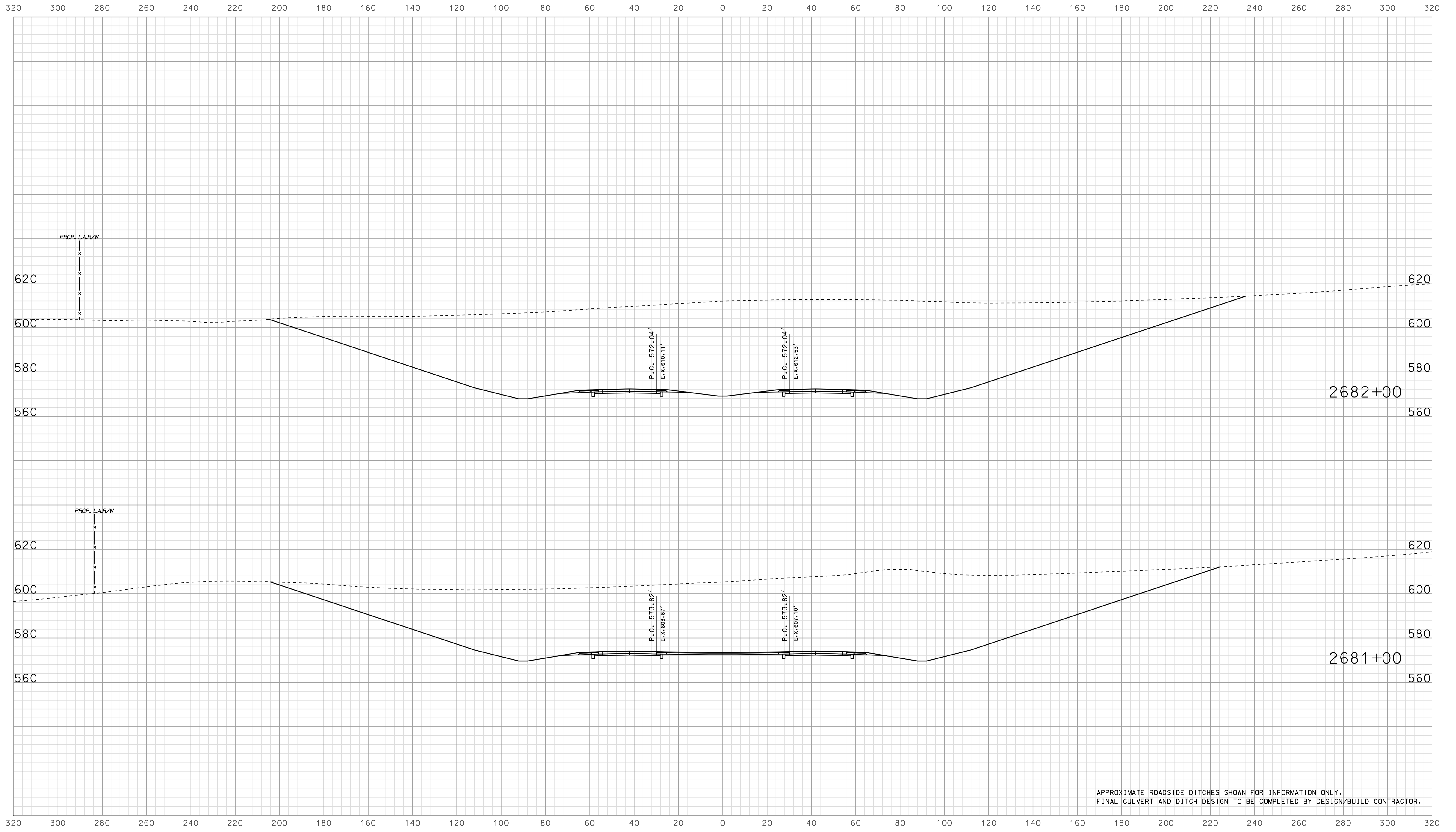
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-34  
 1P\_PWP-8160025A-SEG13X50ZT.dgn  
 10/26/05 2:00 PM

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: <b>BJO</b>	DRAWN: <b>DH</b>		
CHECKED: <b>NOH</b>	CHECKED: <b>DMA</b>		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

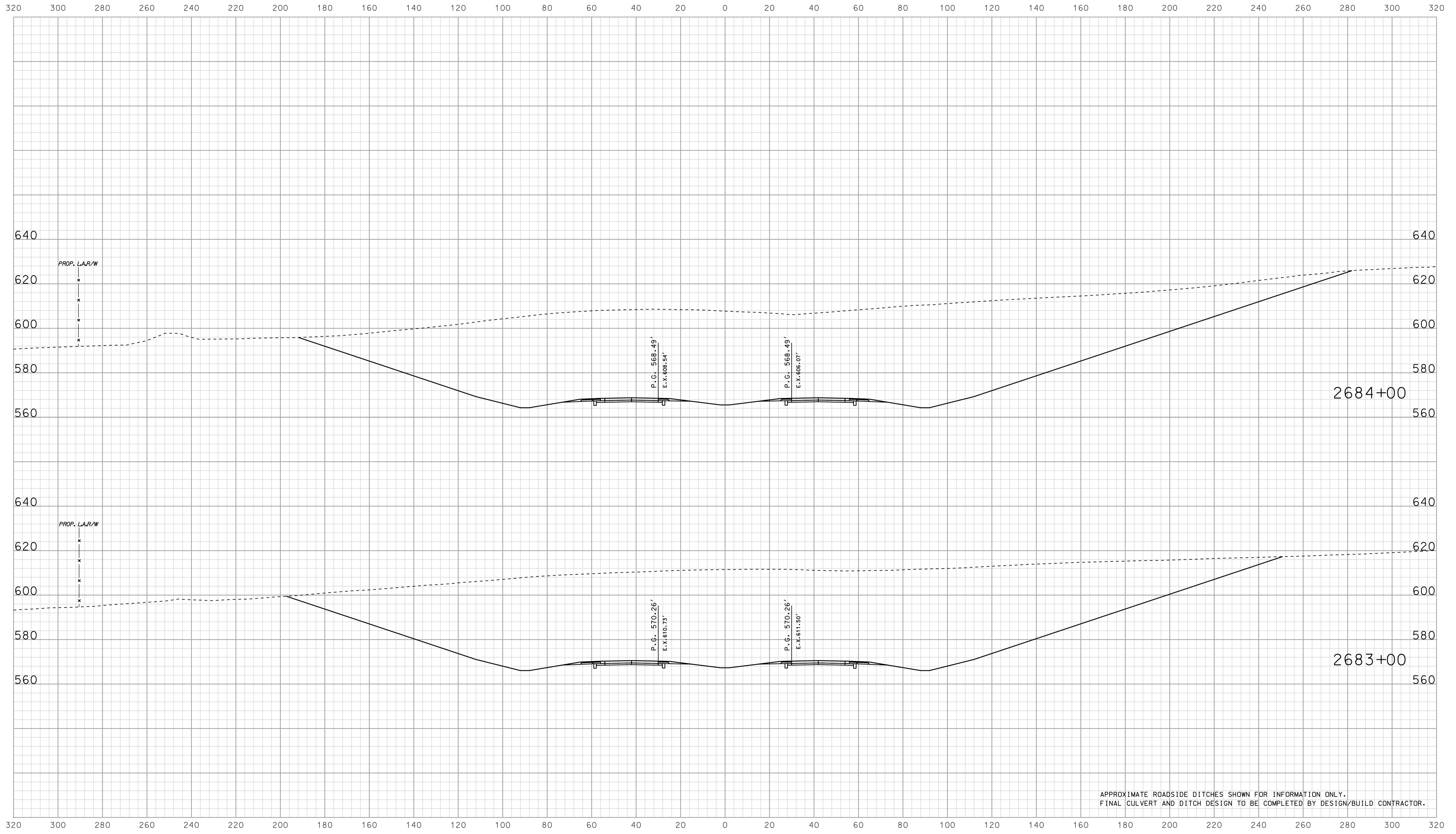
HORIZONTAL SCALE 1" = 20'		BRIDGE FILE	
VERTICAL SCALE 1" = 20'		DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	IR-33051	XS-27	171 of 373
PROJECT		0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

10/10/2015 2:00 PM  
 IP: \\P:\m025\ASEG\3\5028.dgn 15:34

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER		DATE		INDIANA DEPARTMENT OF TRANSPORTATION			BRIDGE FILE		
	DESIGNED: BJO		DRAWN: DH					HORIZONTAL SCALE 1" = 20'		DESIGNATION 0500445
CHECKED: NOH		CHECKED: DMA		ROADWAY CROSS SECTIONS LINE "A"			SURVEY BOOK		DWG. NO.	SHEET NO.
							CONTRACT IR-33051		PROJECT 0500445	



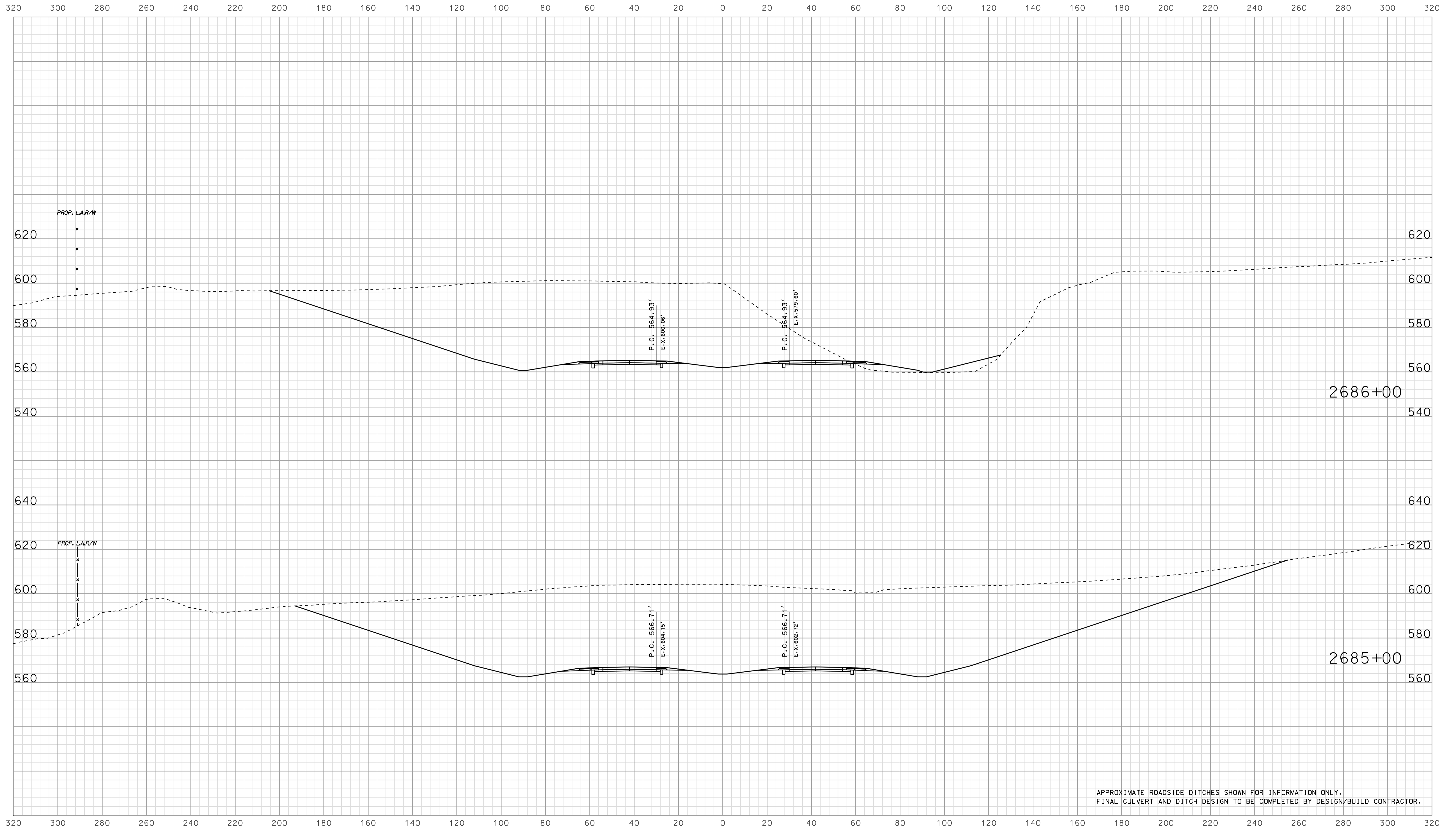
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

10/10/05 2:00 PM  
 IP: \\P:\m0254\FEG\3\5029.dgn 15:34

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-29	173 of 373	
CONTRACT	PROJECT		
IR-33051	0500445		



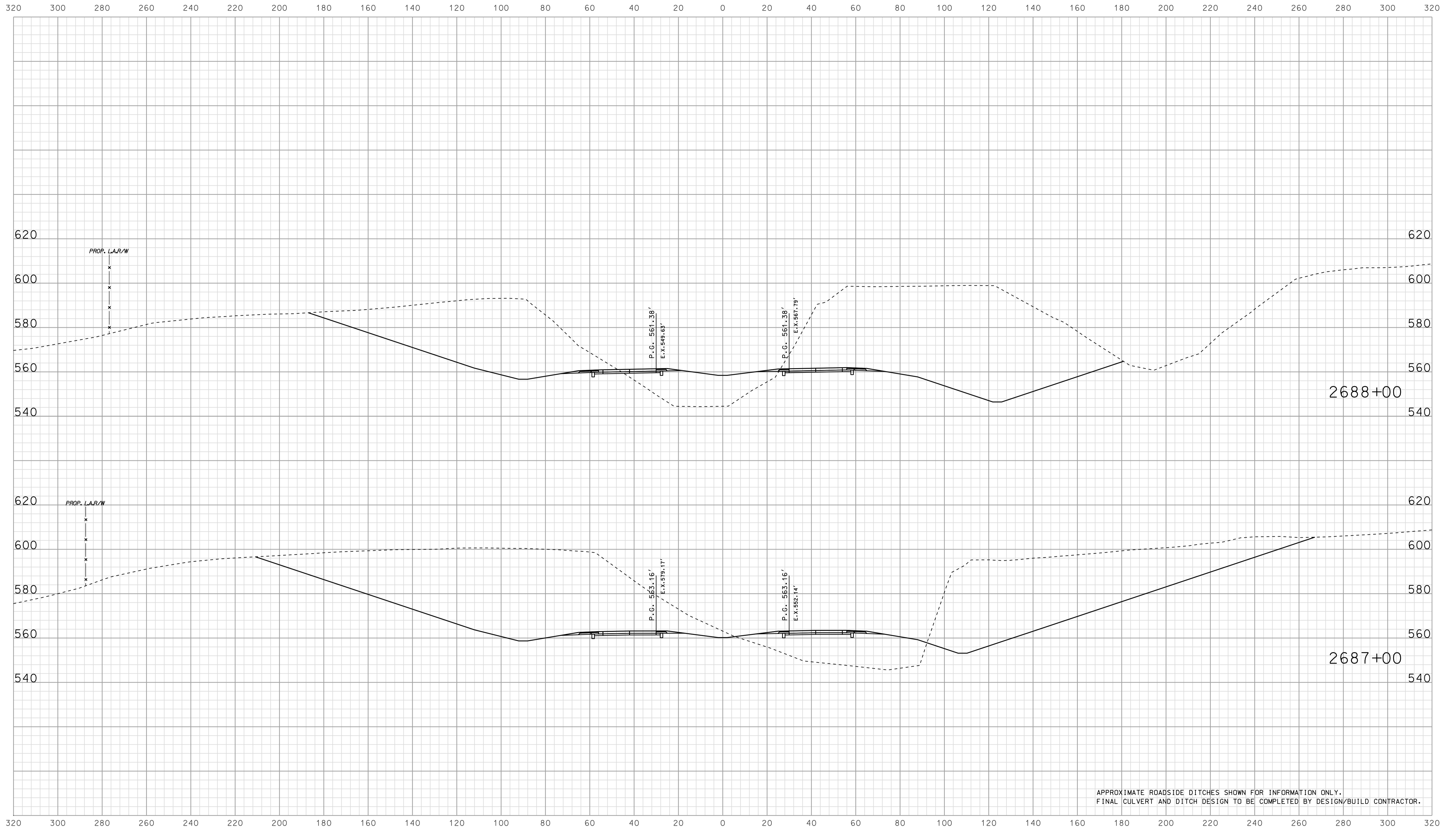
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-34  
 1/17/2010  
 IP\_PWP-8160025A\FSE\GIS\3030.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-30	174 of 373	
PROJECT		PROJECT	
0500445		0500445	



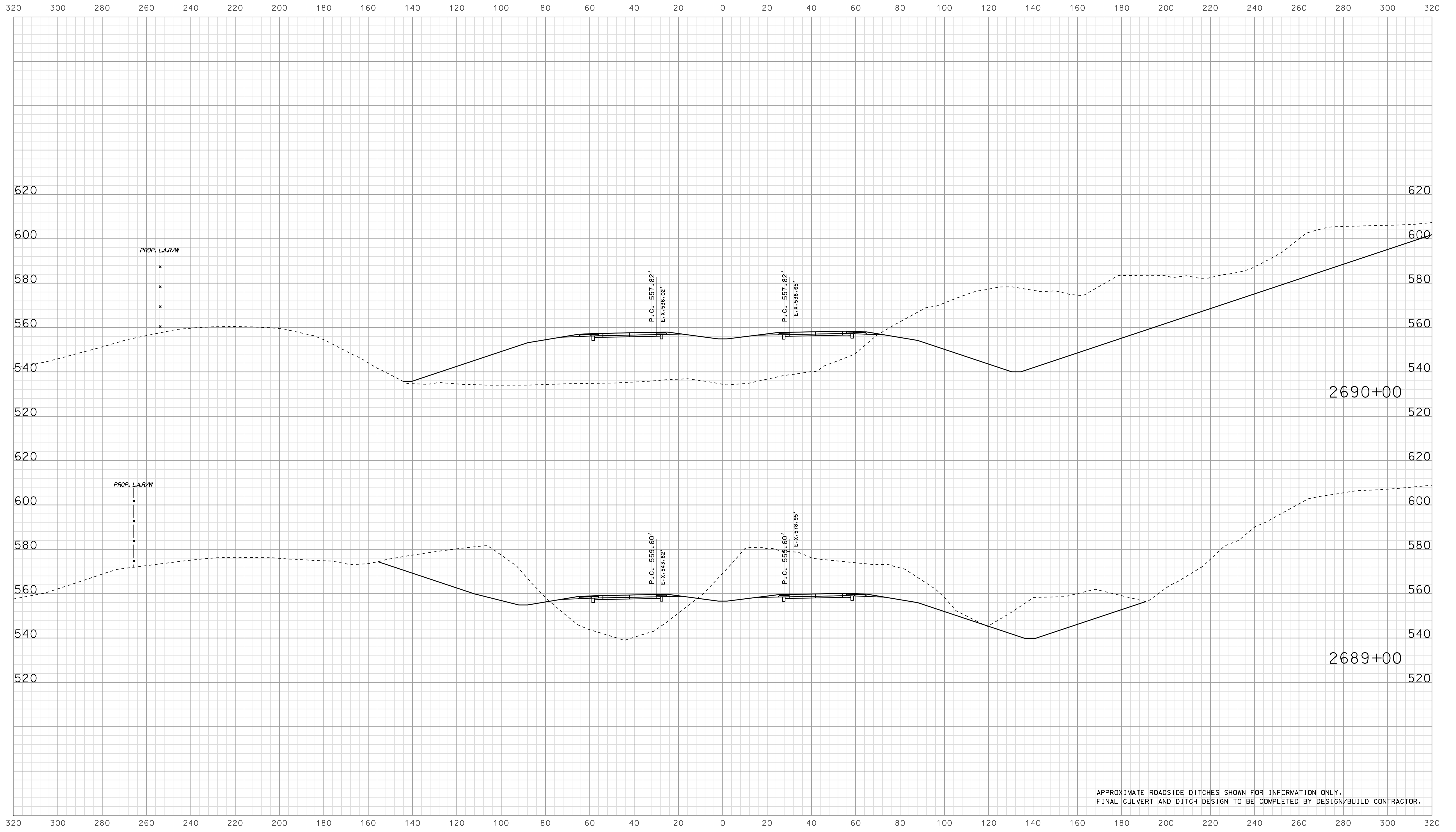
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

1/5/24  
 IP\_PWP-2688025A-SEGE3X5031.dgn

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: <b>BJO</b>	DRAWN: <b>DH</b>		
CHECKED: <b>NDH</b>	CHECKED: <b>DMA</b>		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-31	SHEET NO. 175 of 373
CONTRACT IR-33051	PROJECT 0500445	



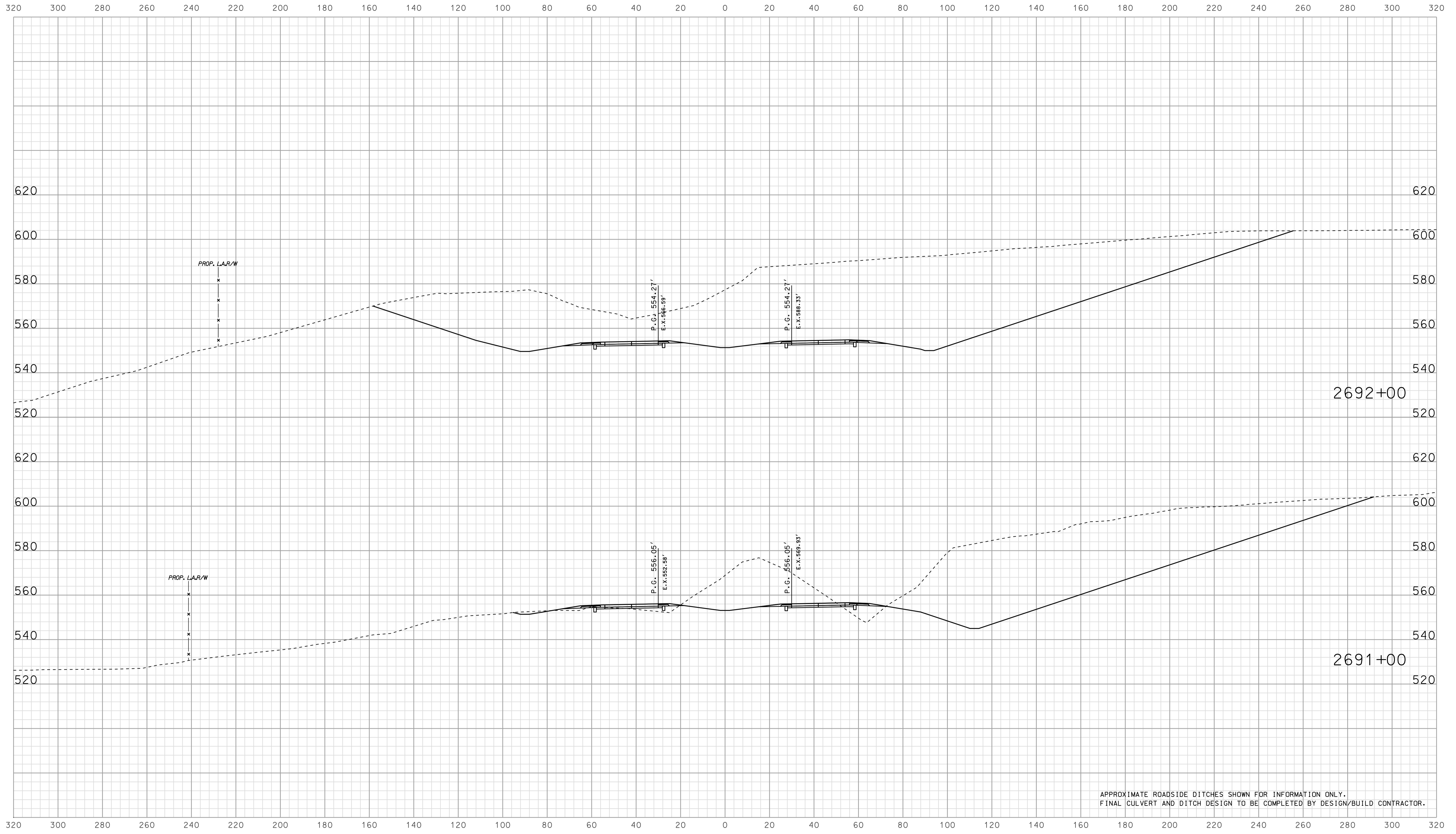
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

1/5/24  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-32	176 of 373	
PROJECT		PROJECT	
0500445		0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
 FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

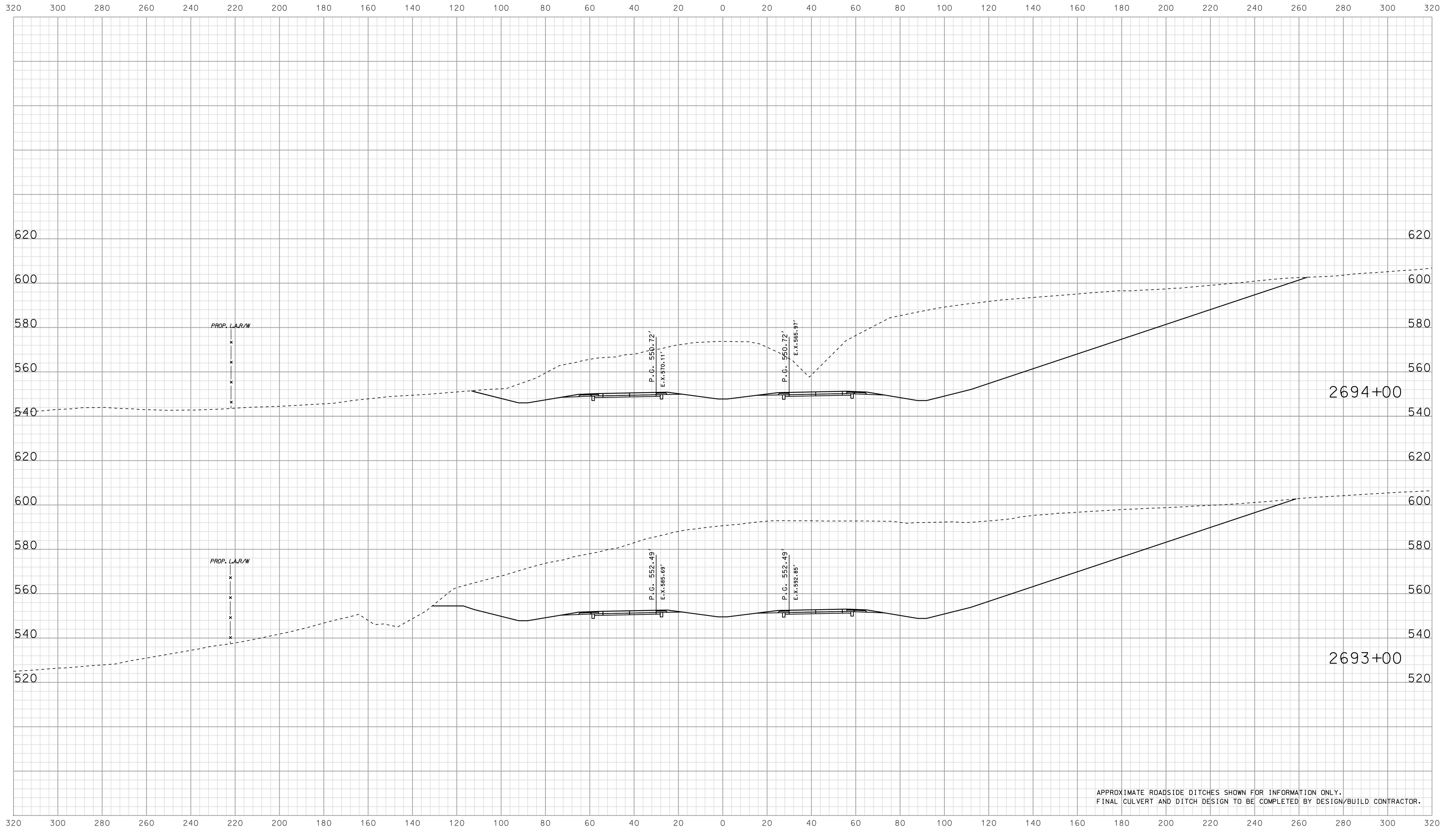
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'		BRIDGE FILE	
VERTICAL SCALE 1" = 20'		DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-33	177 of 373	
IR-33051	PROJECT	0500445	





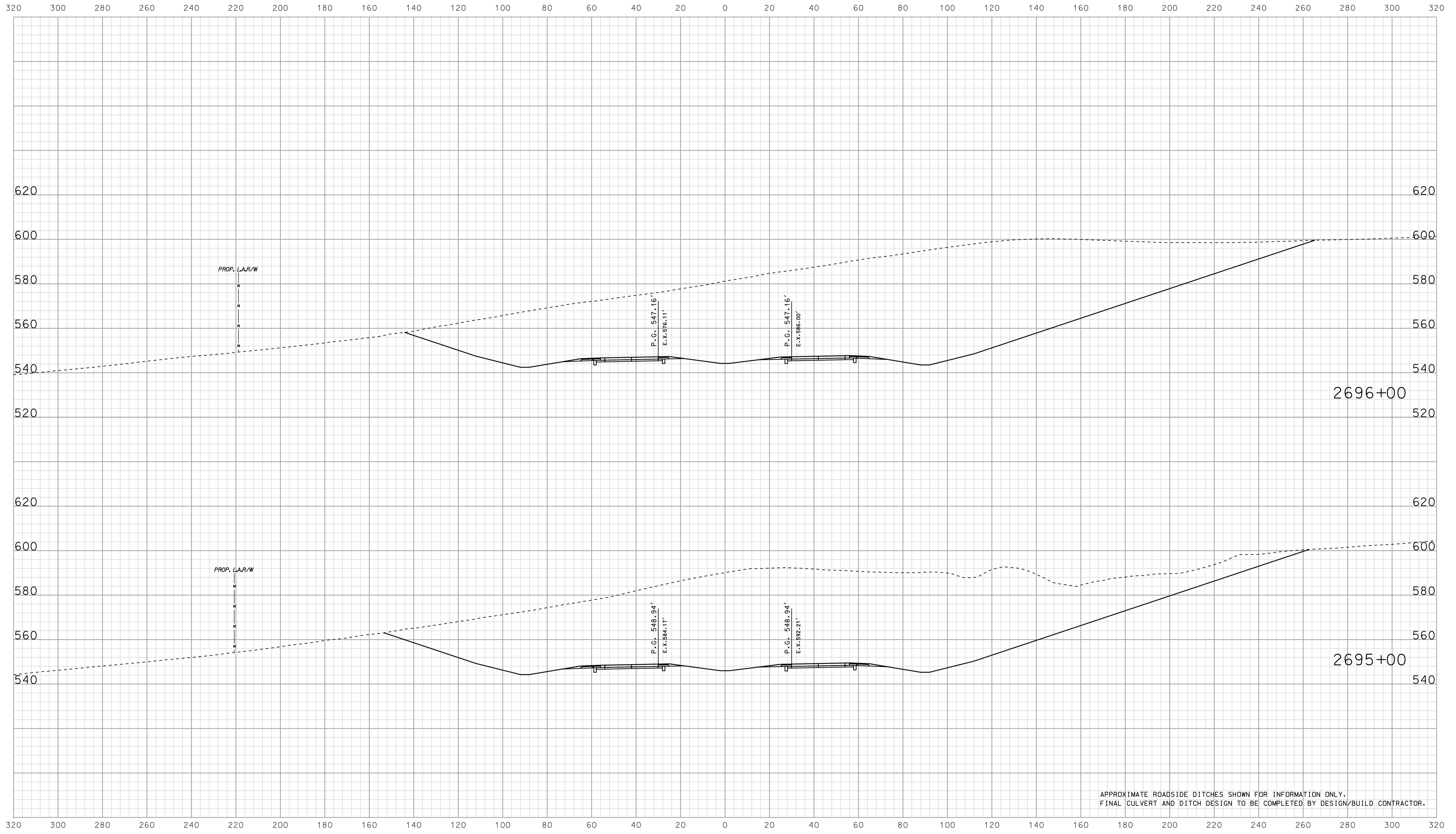
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-335  
 1P\_PWP-816025A-SEGE3X5034.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-34	178 of 373	
PROJECT		PROJECT	
0500445			



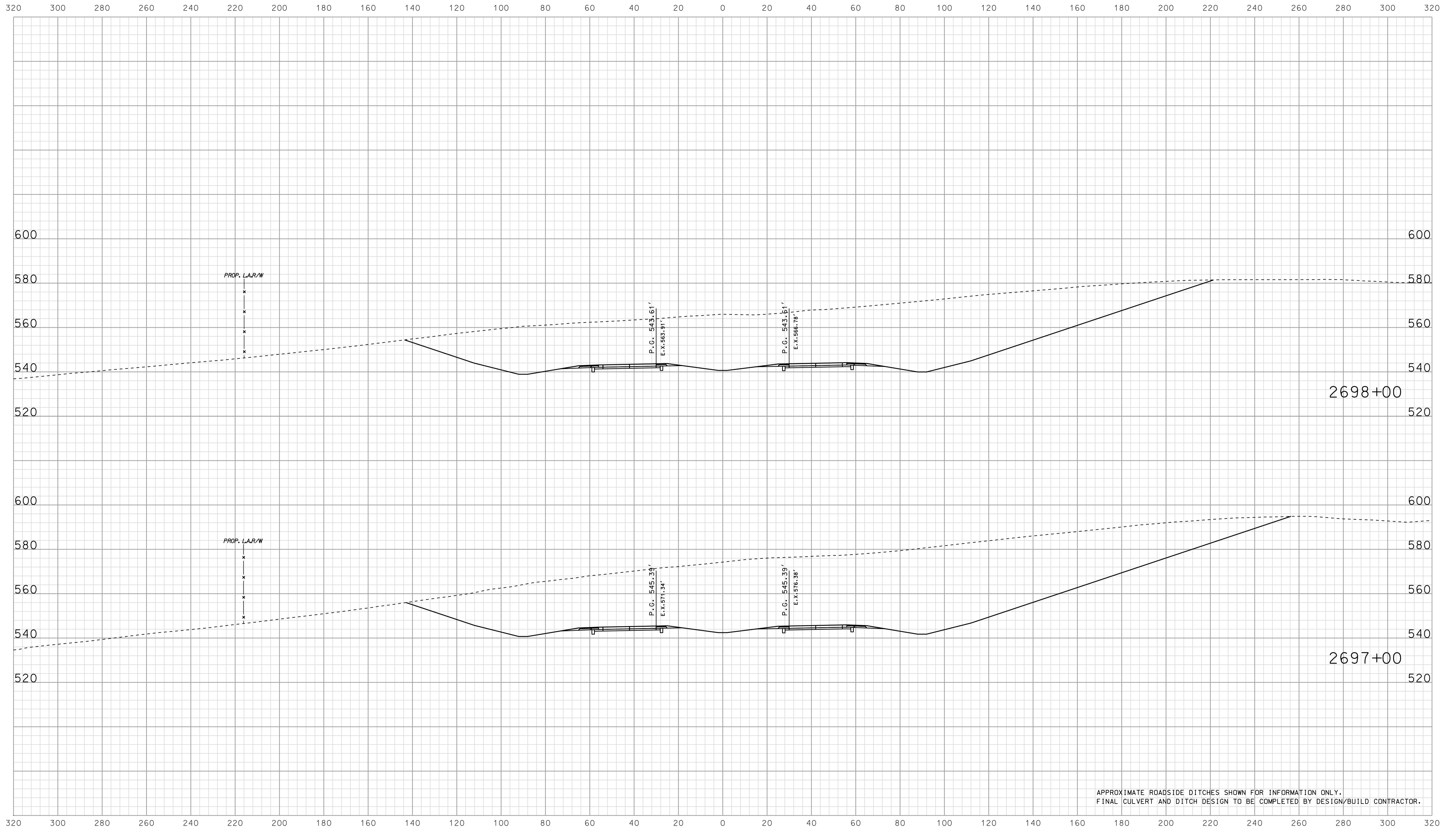
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-35  
 10/10/2010  
 IP\_P:\P\100254\SE\G13\5035.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-35	179 of 373	
PROJECT		PROJECT	
0500445		0500445	



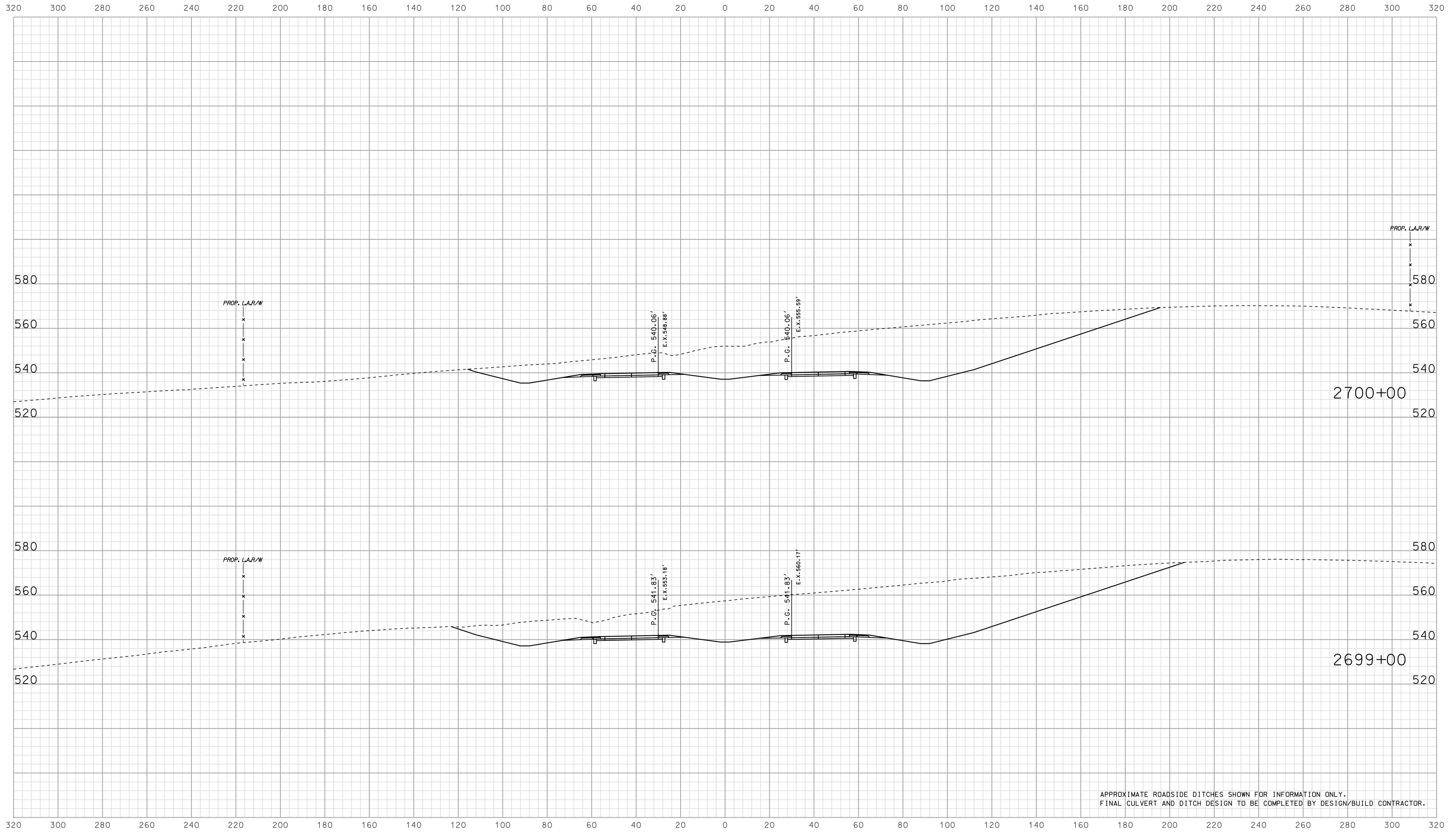
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-35  
 1/10/2010  
 IP\_P:\P\2010\025\ASEG\3\5036.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH		
CHECKED: NOH	CHECKED: DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-36	SHEET NO. 180 of 373
CONTRACT IR-33051	PROJECT 0500445	

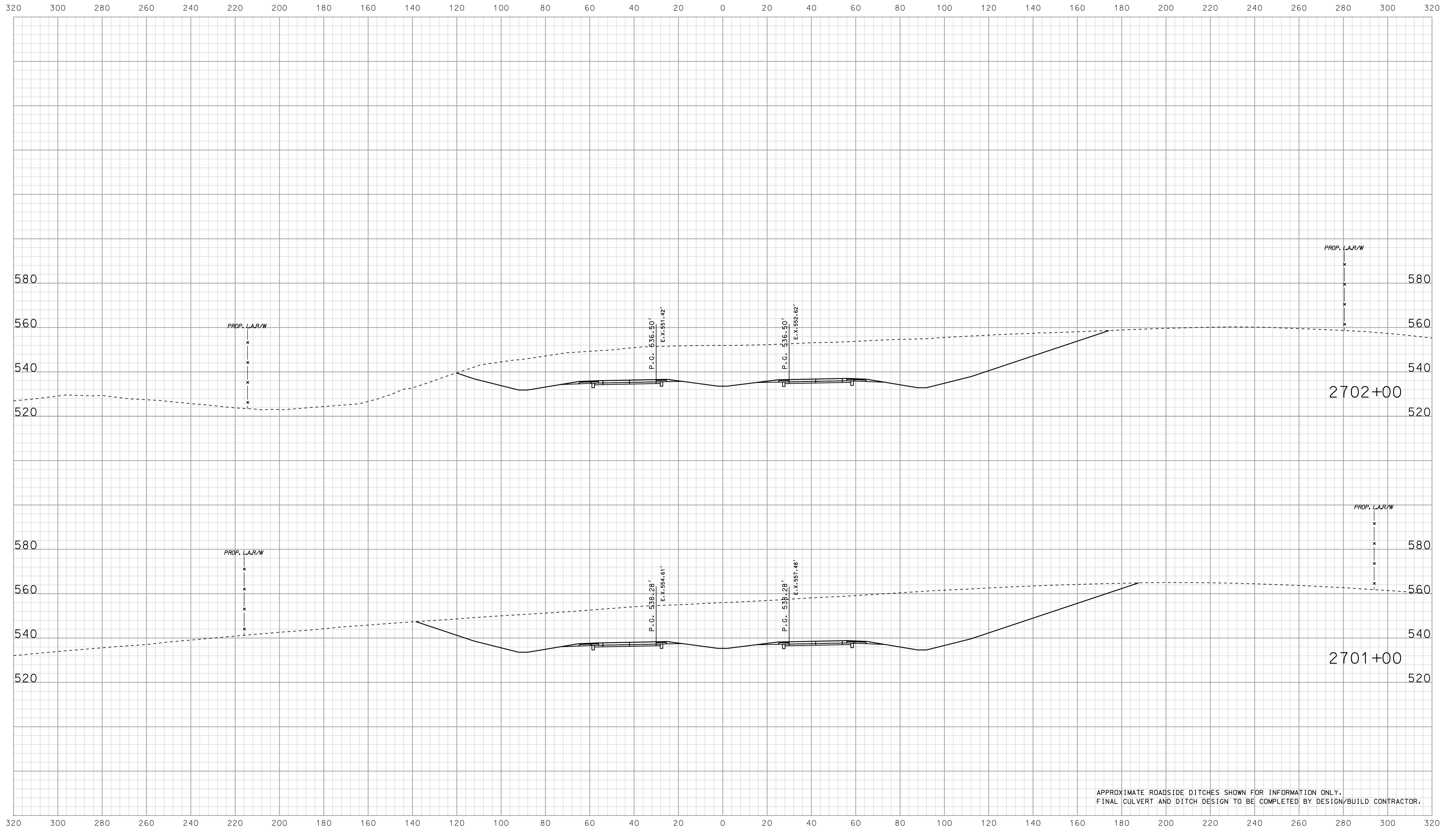


15-335  
 1/10/2010  
 IP\_PWP-60254-SE-GEI-XS-37.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NDH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-37	181 of 373	
CONTRACT	PROJECT		
IR-33051	0500445		



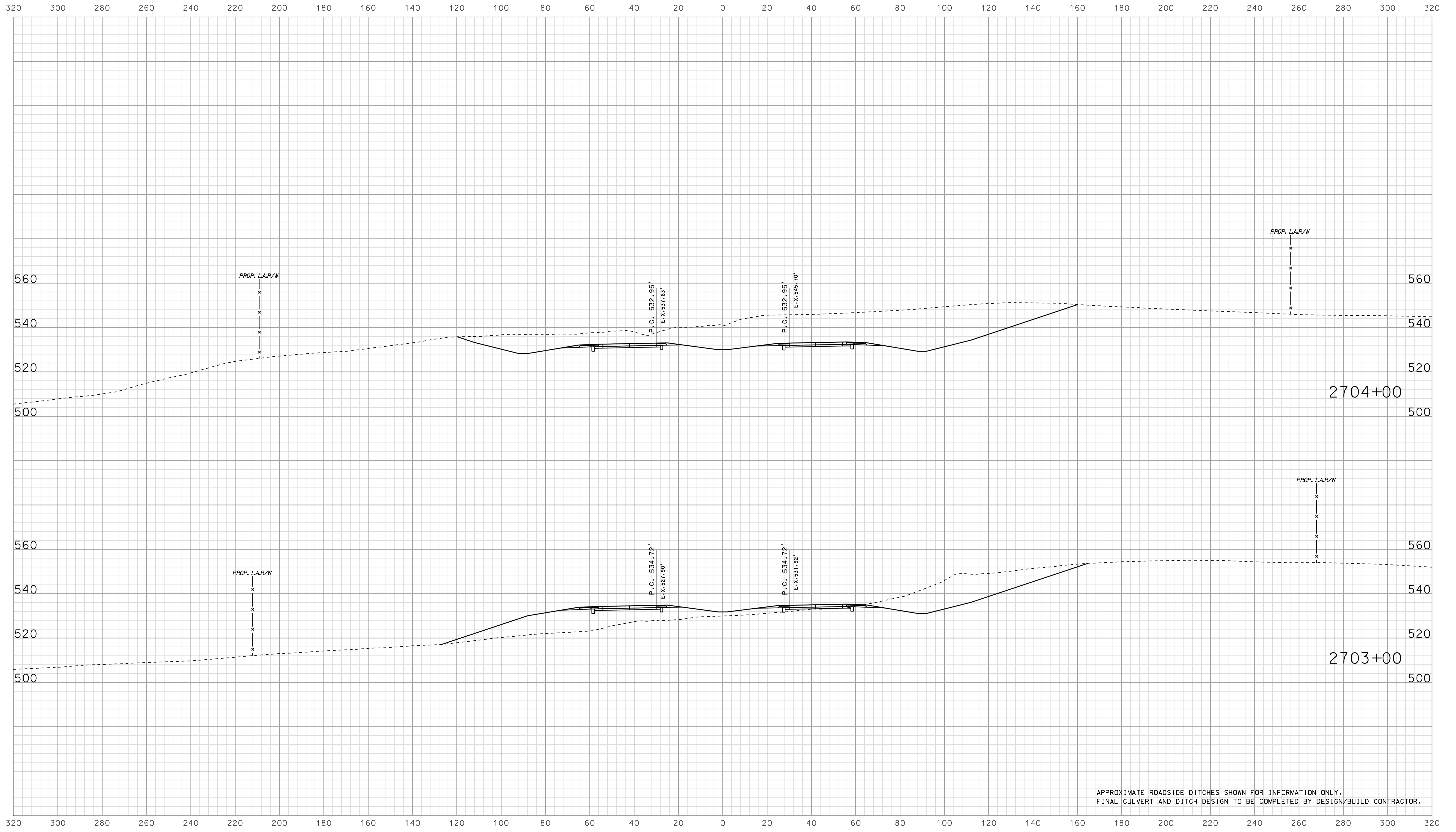
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-335  
 IP\_PWP-2010-0254-SE-38.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-38	SHEET NO. 182 of 373
CONTRACT IR-33051	PROJECT 0500445	



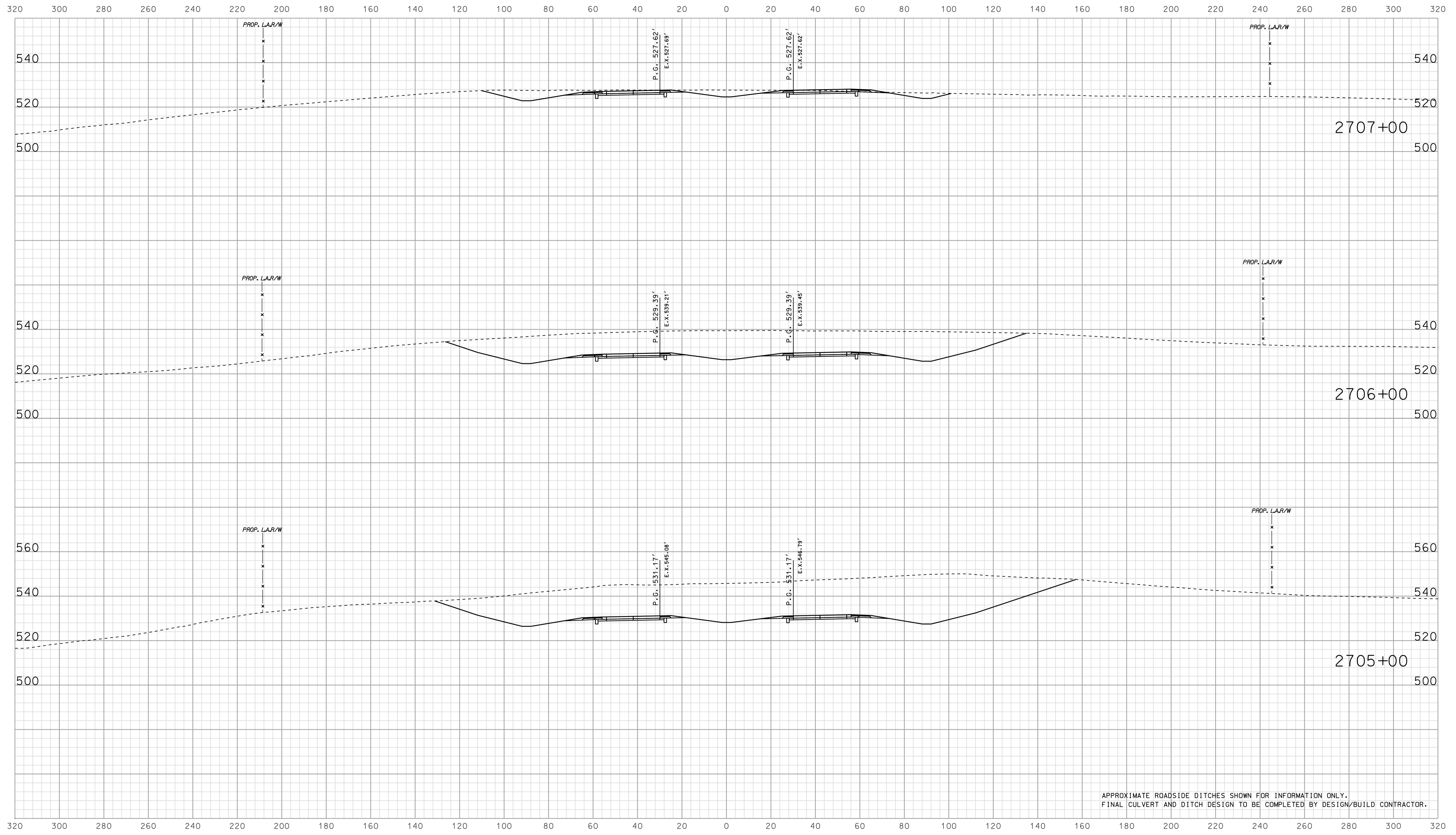
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-335  
 1P\_PWP-00254-SEGEI3X5039.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

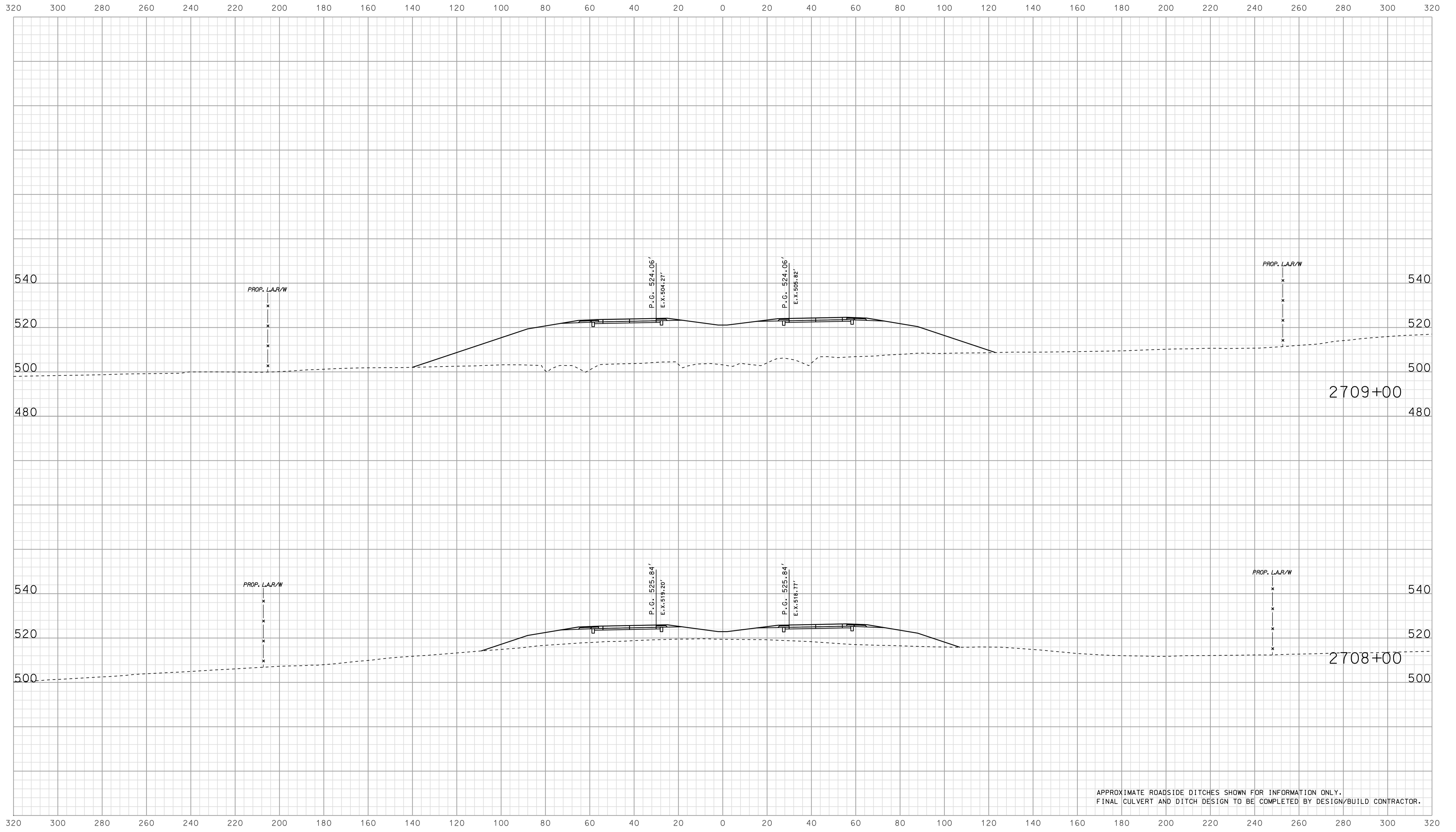
HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-39	183 of 373	
IR-33051	PROJECT	0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-335  
 1/10/05  
 IP\_PWP-8160025A\FSE\GIS\35040.dgn

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION		
	DESIGNED: <b>BJO</b>	DRAWN: <b>DH</b>			
CHECKED: <b>NOH</b>	CHECKED: <b>DMA</b>		ROADWAY CROSS SECTIONS LINE "A"		
			HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
			VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
			SURVEY BOOK	DWG. NO.	SHEET NO.
			CONTRACT IR-33051	XS-40	184 of 373
				PROJECT	0500445



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

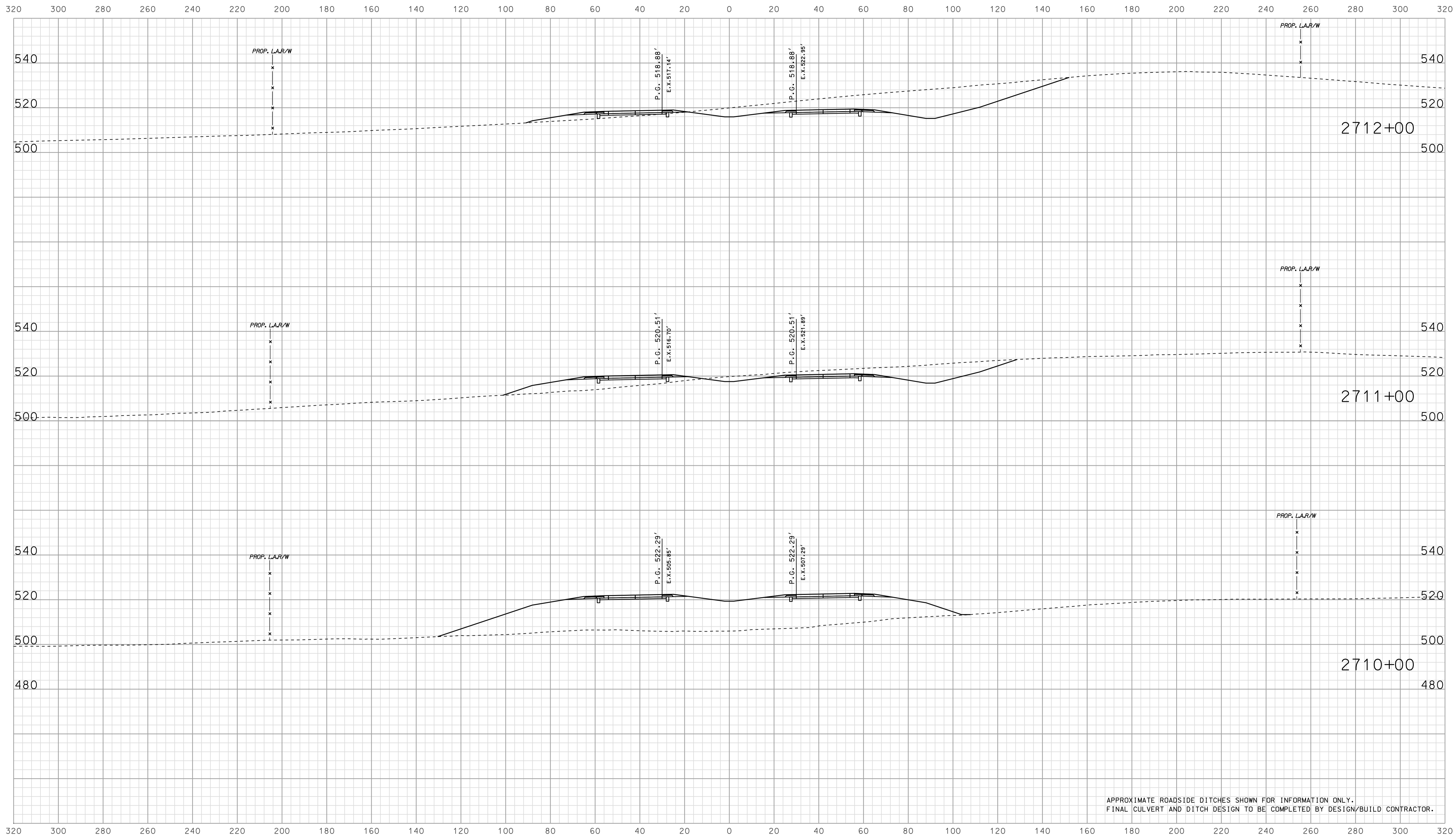
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-41	SHEET NO. 185 of 373
CONTRACT IR-33051	PROJECT 0500445	





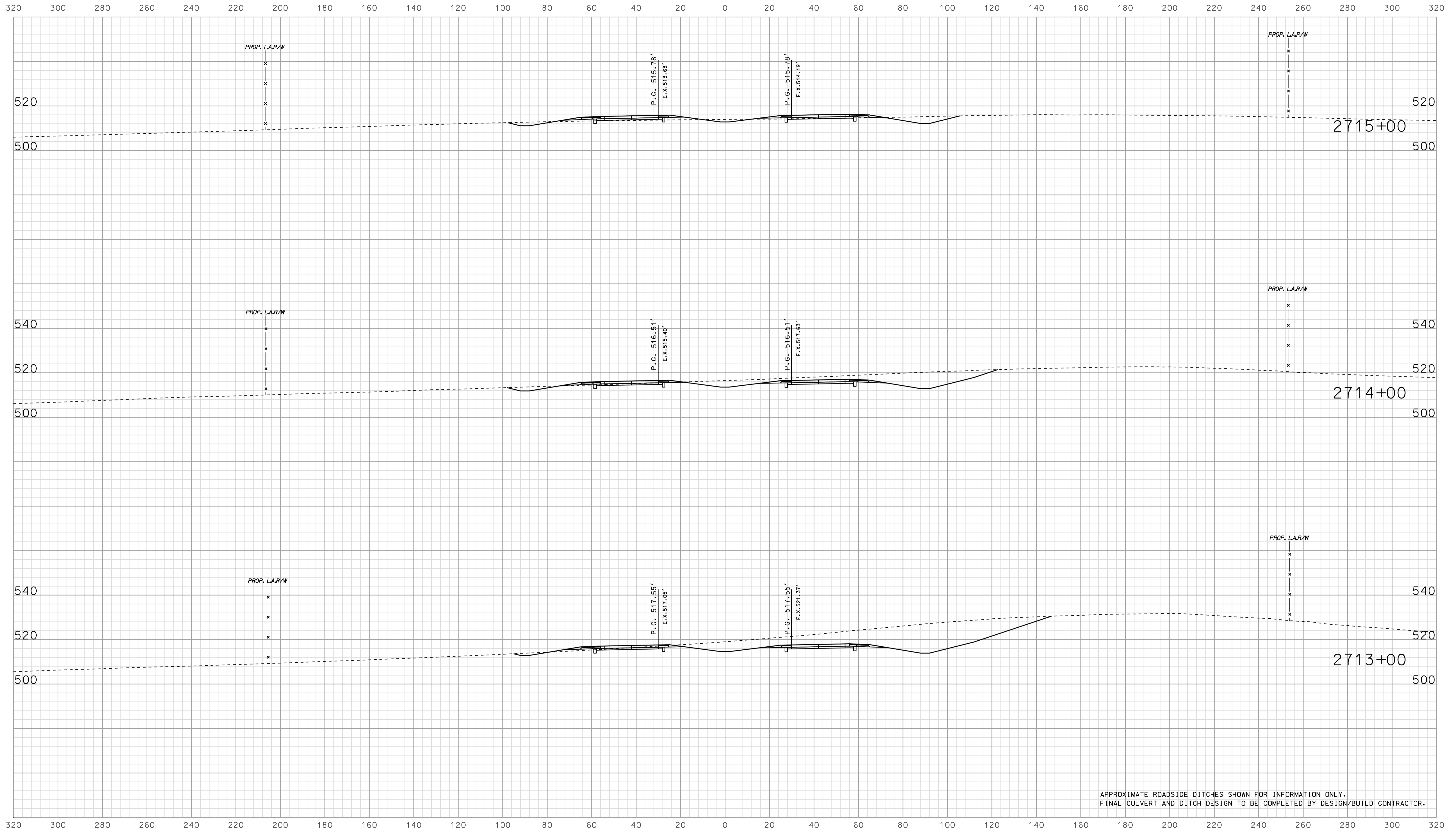
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-336  
 IP\_PWP-8160025A-SE-EG13X5042.dgn  
 10/20/05

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK		DWG. NO.	SHEET NO.
		XS-42	186 of 373
CONTRACT		PROJECT	
IR-33051		0500445	



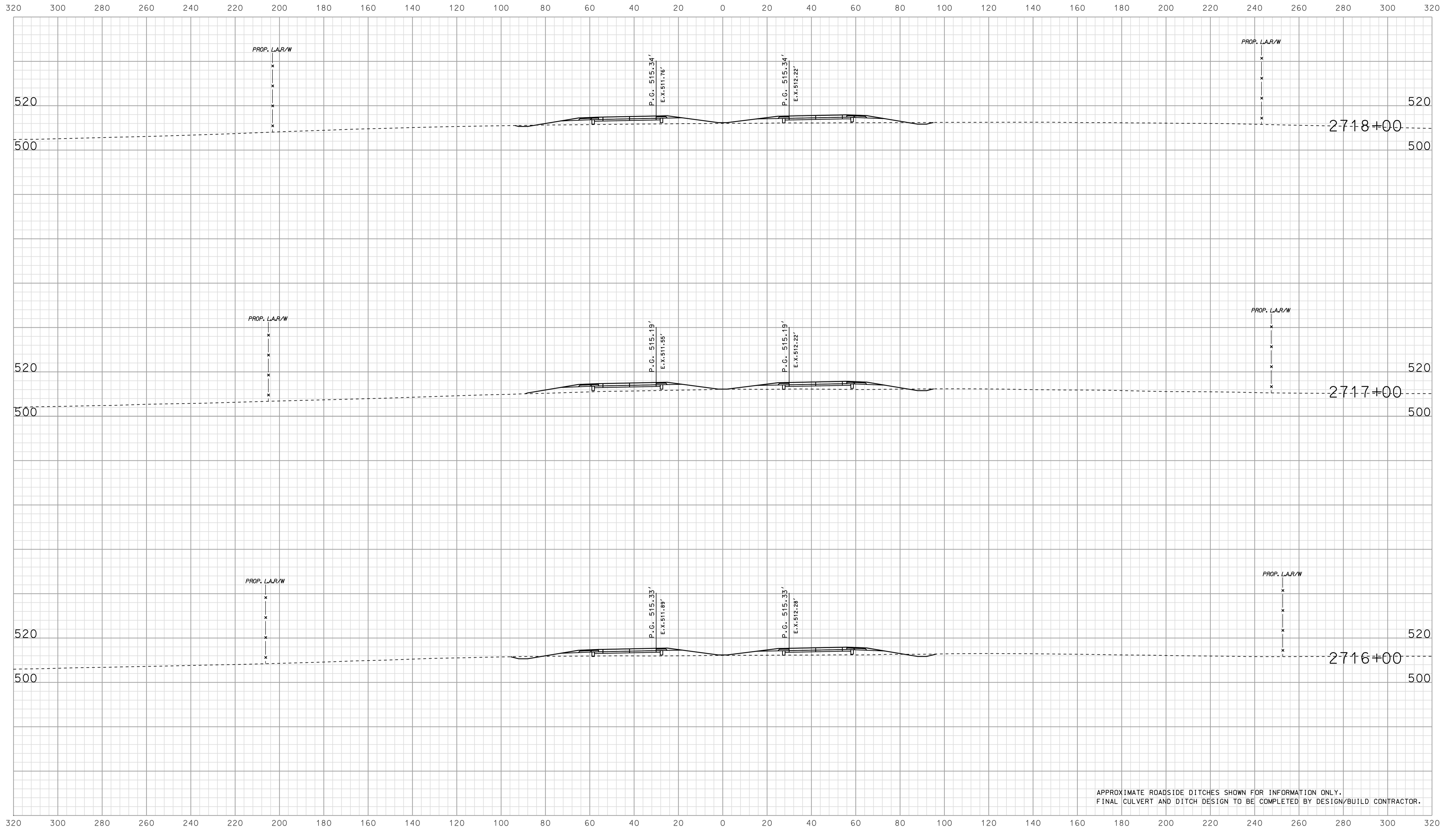
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-336  
 IP\_PWP-8160025A-SEGE3X5043.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH		
CHECKED: NOH	CHECKED: DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-43	SHEET NO. 187 of 373
CONTRACT IR-33051	PROJECT 0500445	



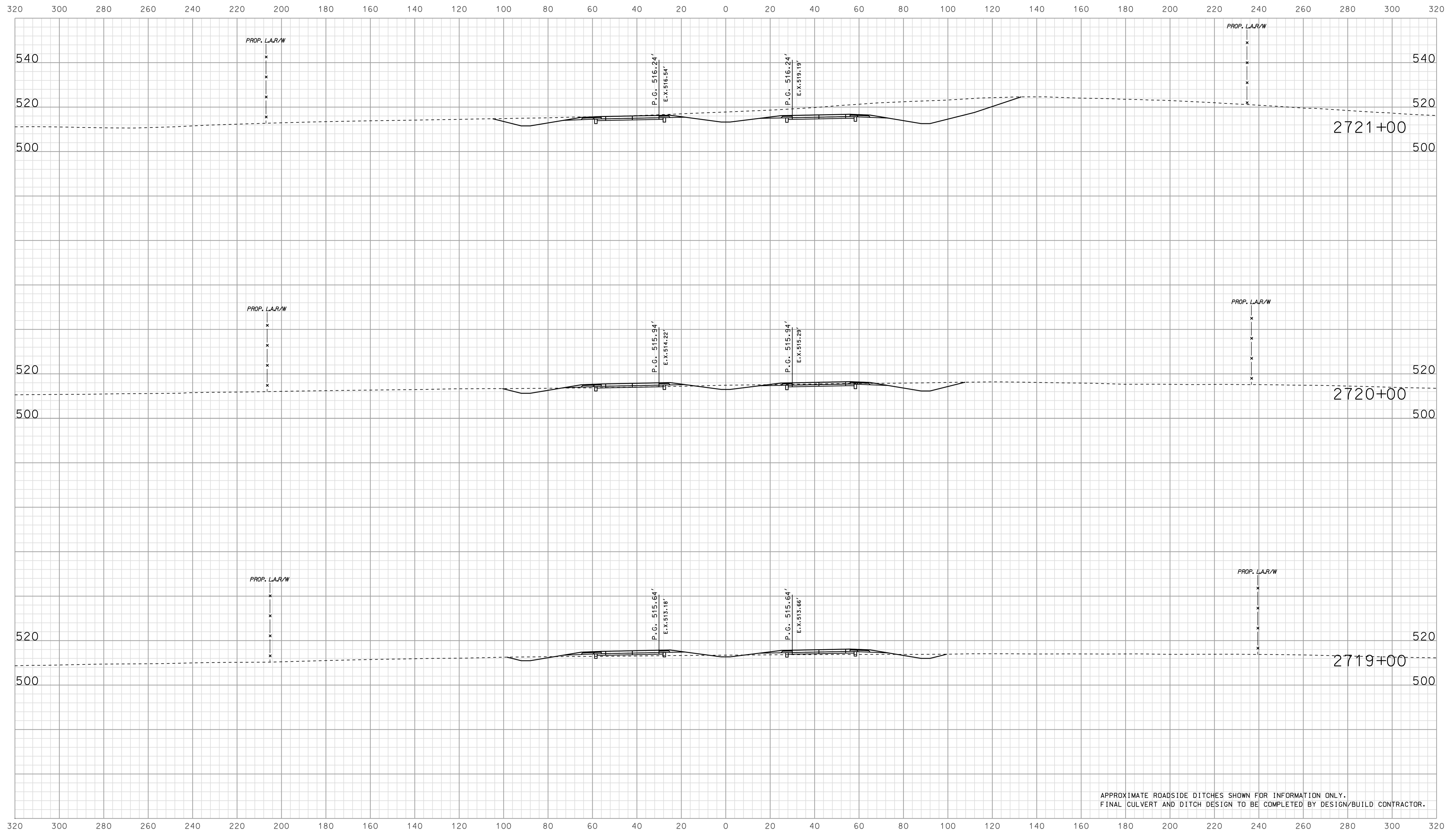
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-336  
 IP\_PWP-810025A-SEGE3X504.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-44	188 of 373	
IR-33051	PROJECT	0500445	



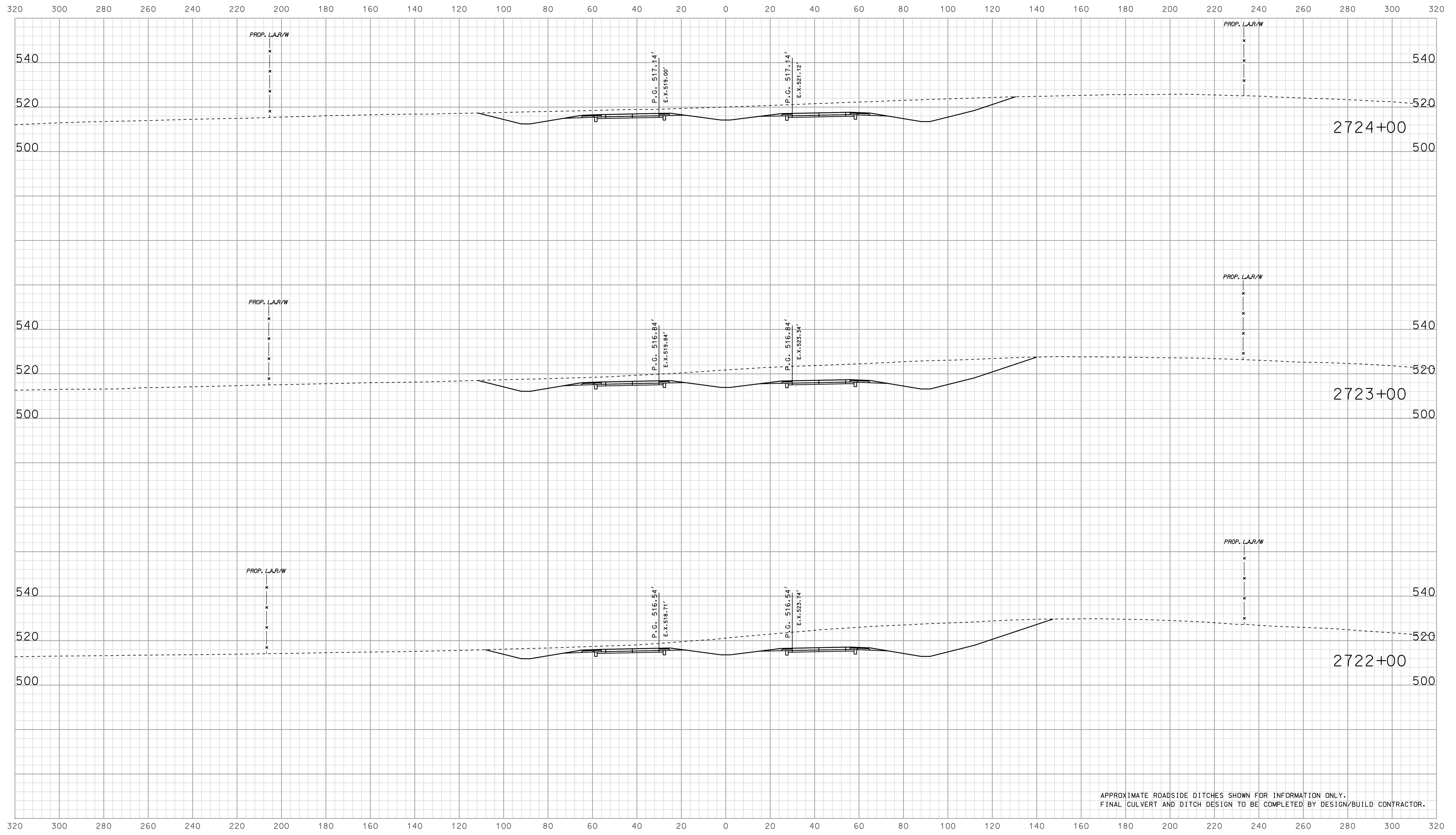
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-336  
 IP\_PWP-81600254-SE-EG13X5045.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-45	189 of 373	
PROJECT		PROJECT	
0500445		0500445	



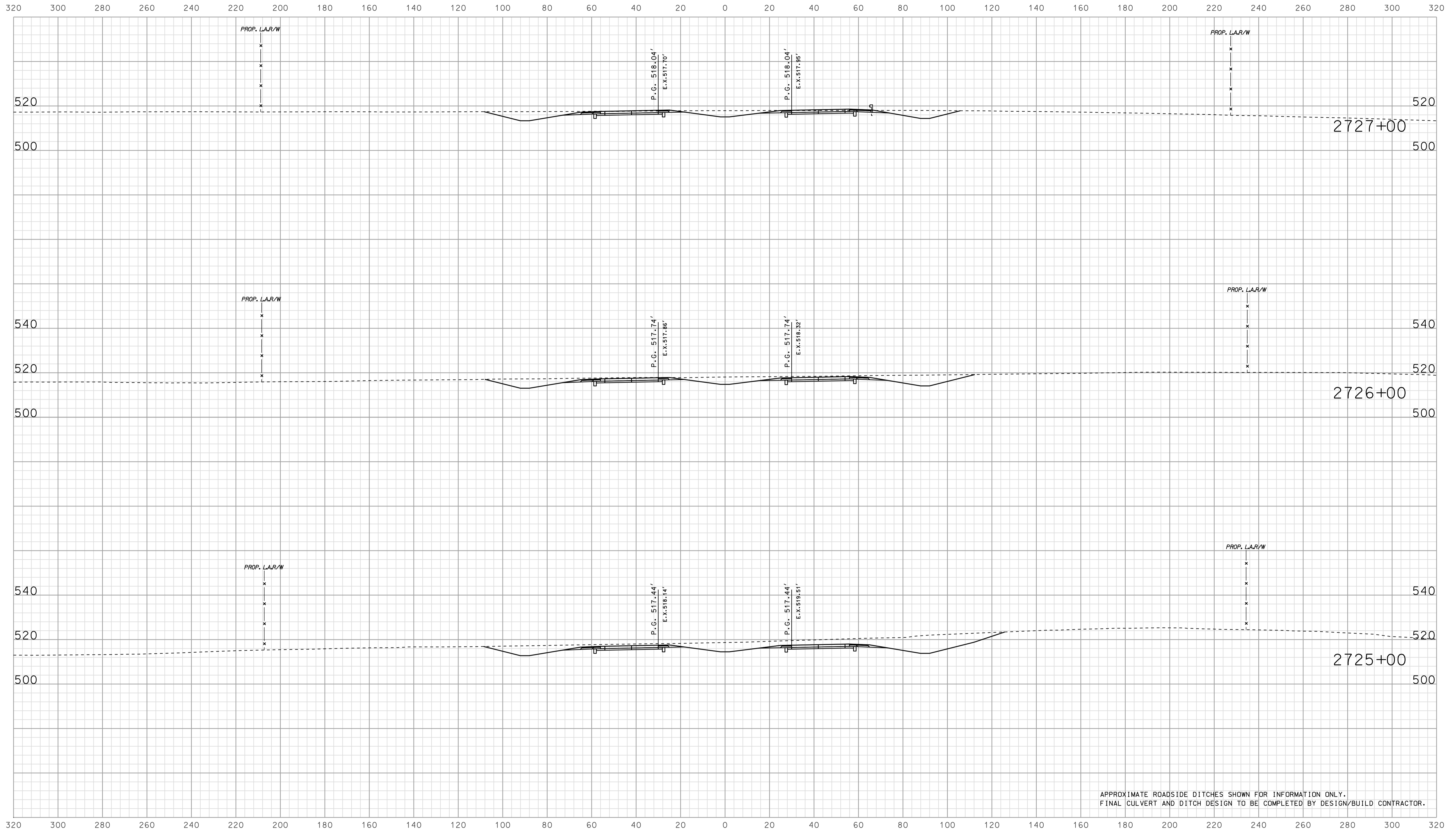
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-336  
 IP\_PWP-8160025A-SEGE3X5046.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

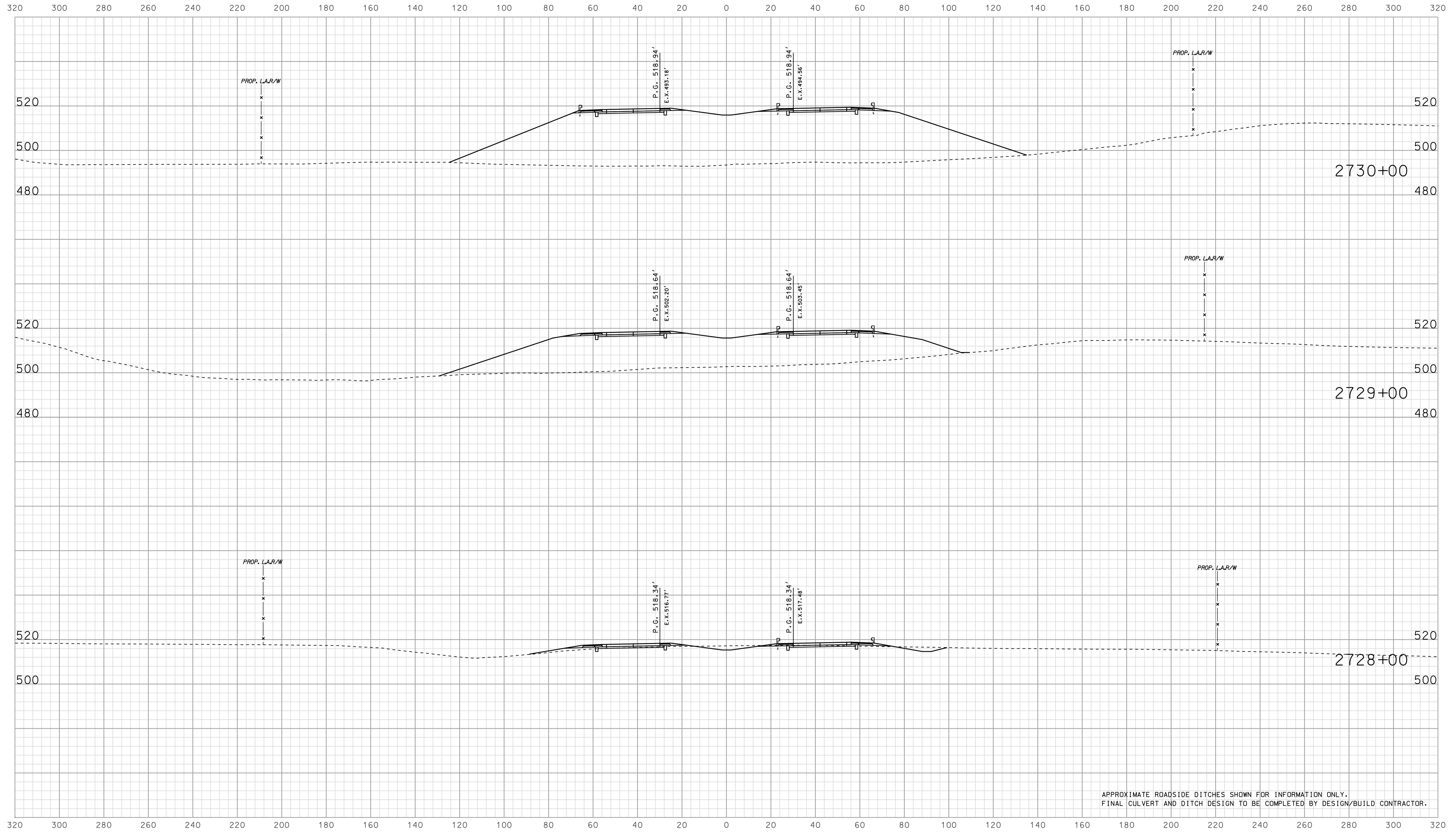
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1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-46	190 of 373	
IR-33051	PROJECT	0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-336  
 IP\_PWP-816025A-SEGE3X5047.dgn

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER		DATE		INDIANA DEPARTMENT OF TRANSPORTATION			HORIZONTAL SCALE		BRIDGE FILE		
	DESIGNED: BJO		DRAWN: DH					1" = 20'		DESIGNATION		0500445
CHECKED: NOH		CHECKED: DMA		ROADWAY CROSS SECTIONS LINE "A"			SURVEY BOOK		DWG. NO.		SHEET NO.	
CONTRACT		PROJECT					IR-33051		XS-47		191 of 373	
							PROJECT		0500445			



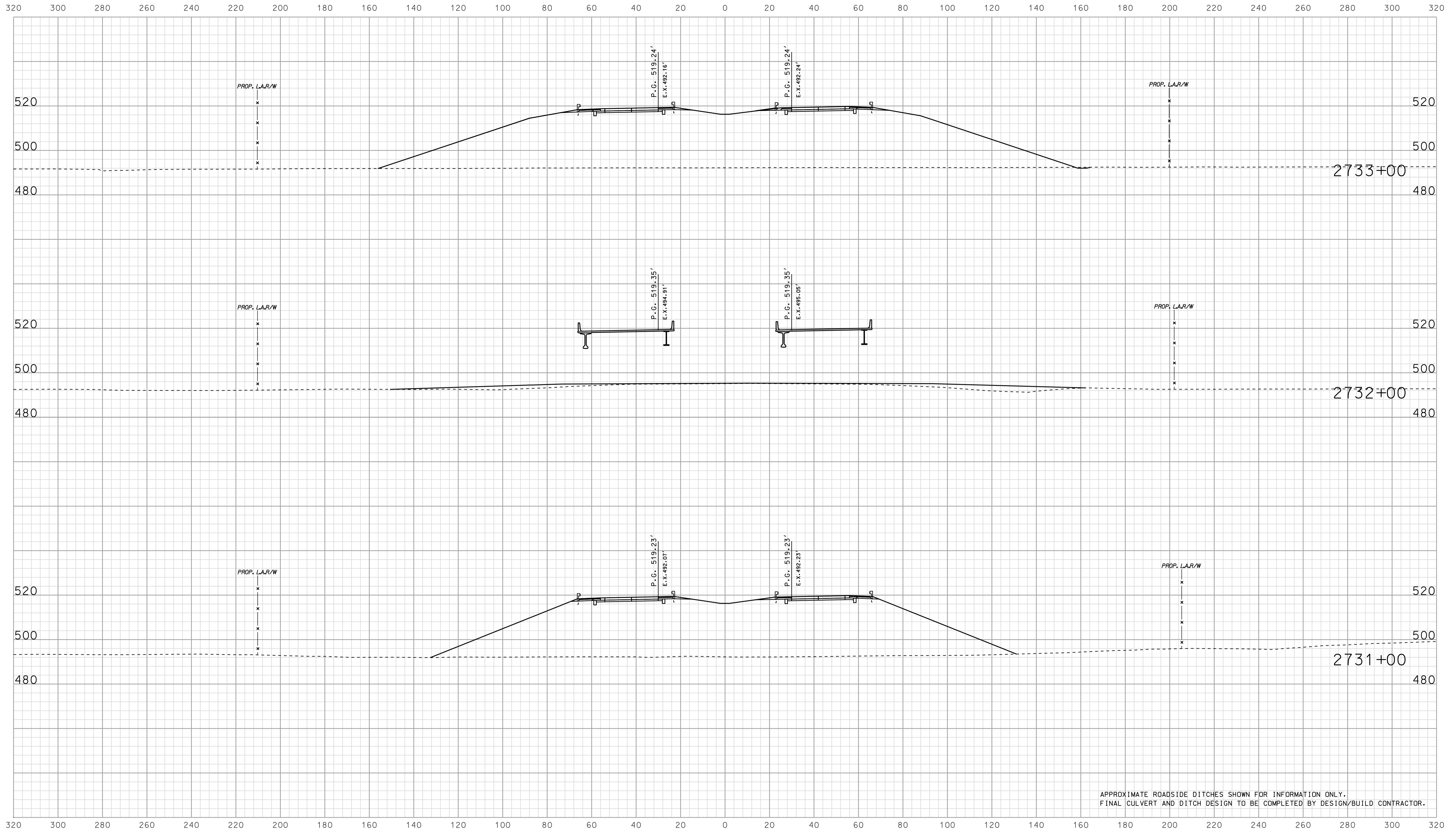
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-336  
 IP\_PWP-816025A-SEGEI3X5048.dgn

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: <b>BJO</b>	DRAWN: <b>DH</b>		
CHECKED: <b>NOH</b>	CHECKED: <b>DMA</b>		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-48	SHEET NO. 192 of 373
CONTRACT IR-33051	PROJECT 0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

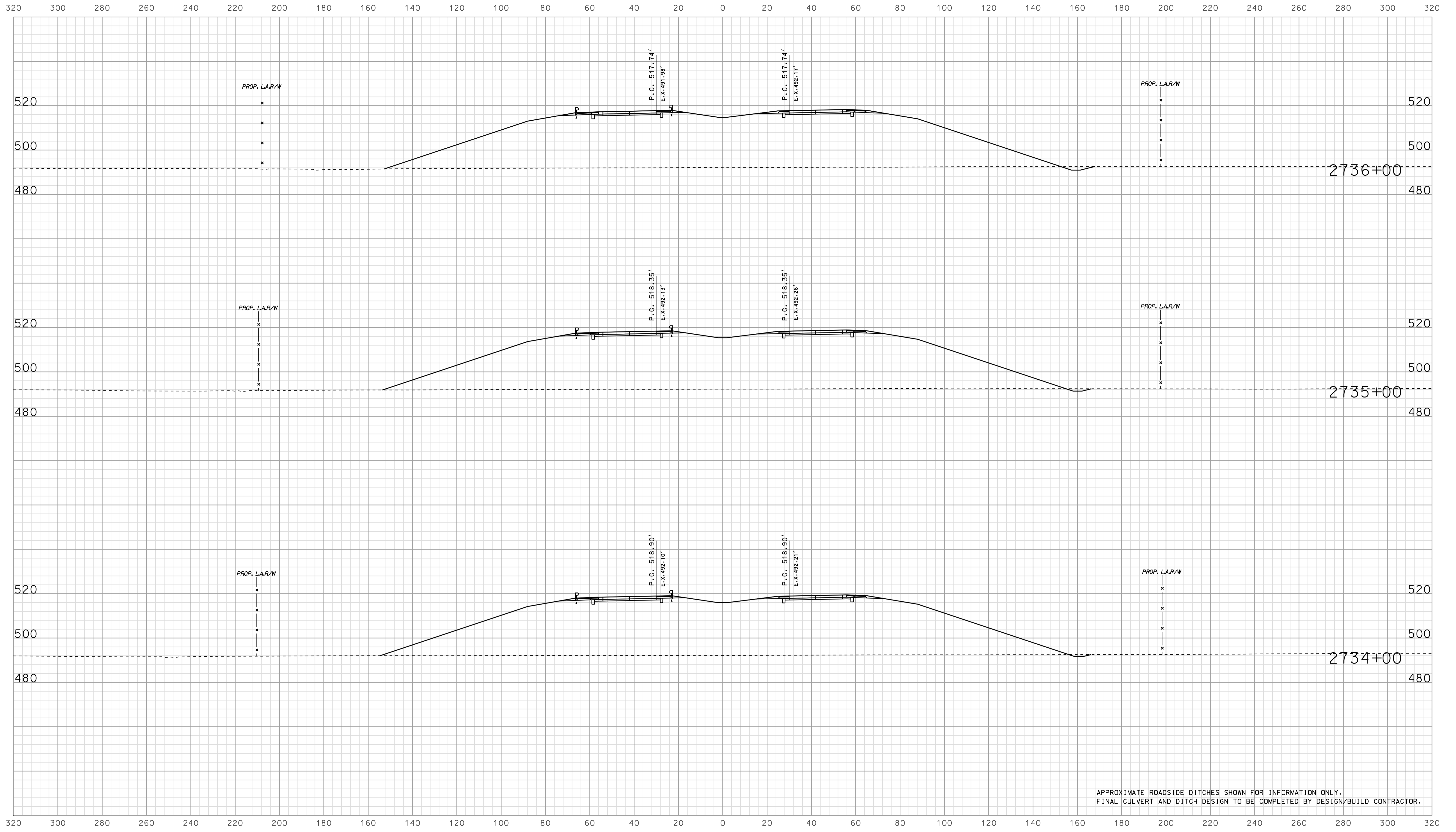
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-49	SHEET NO. 193 of 373
CONTRACT IR-33051	PROJECT 0500445	





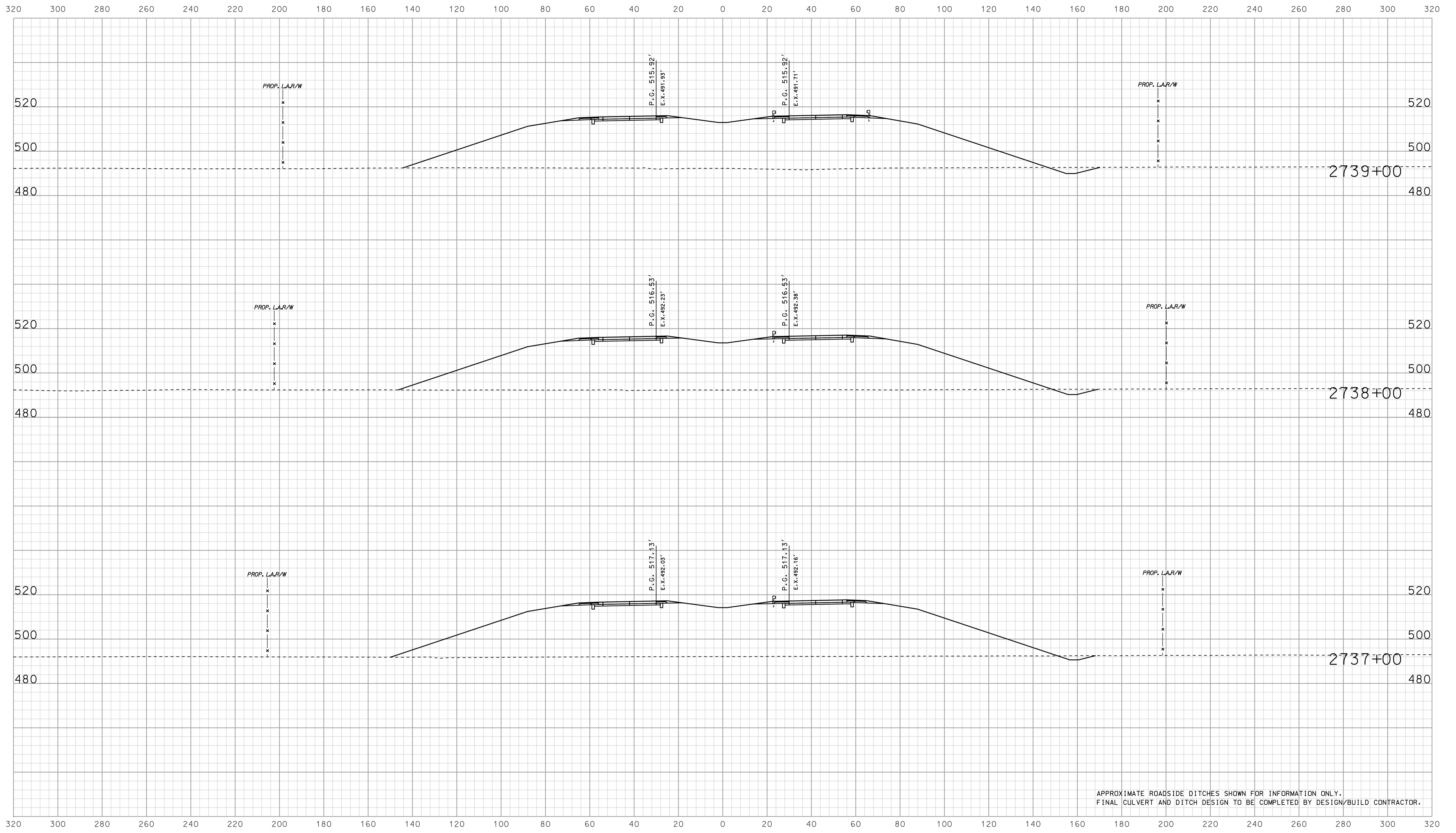
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-37  
 IP\_PWP-8160025A\FSE\GIS\35050.dgn  
 10/10/05

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-50	194 of 373	
CONTRACT	PROJECT		
IR-33051	0500445		



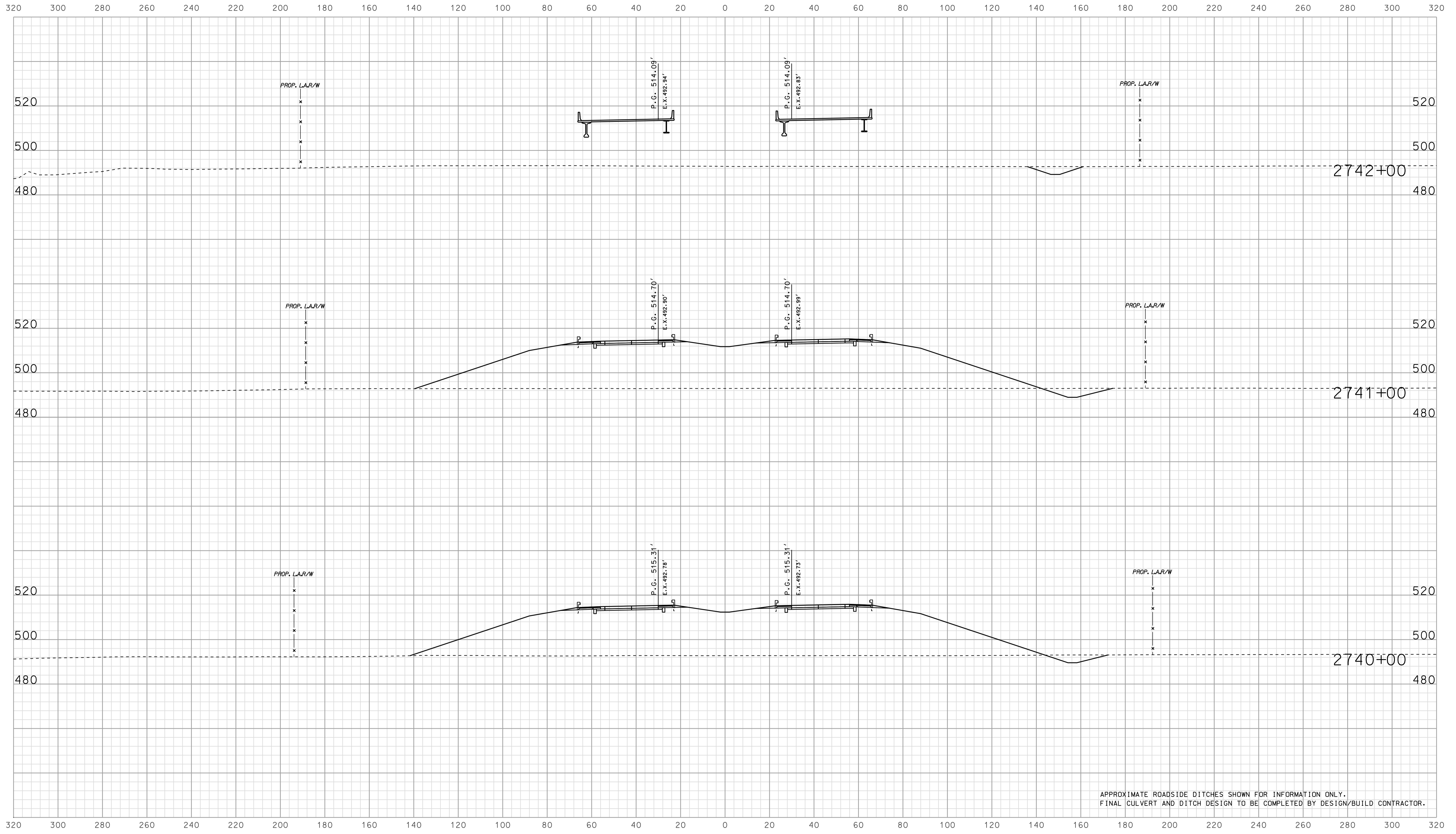
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

1/5/37  
 IP\_PWP-2010-0254-SEGE3X5051.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-51	SHEET NO. 195 of 373
CONTRACT IR-33051	PROJECT 0500445	



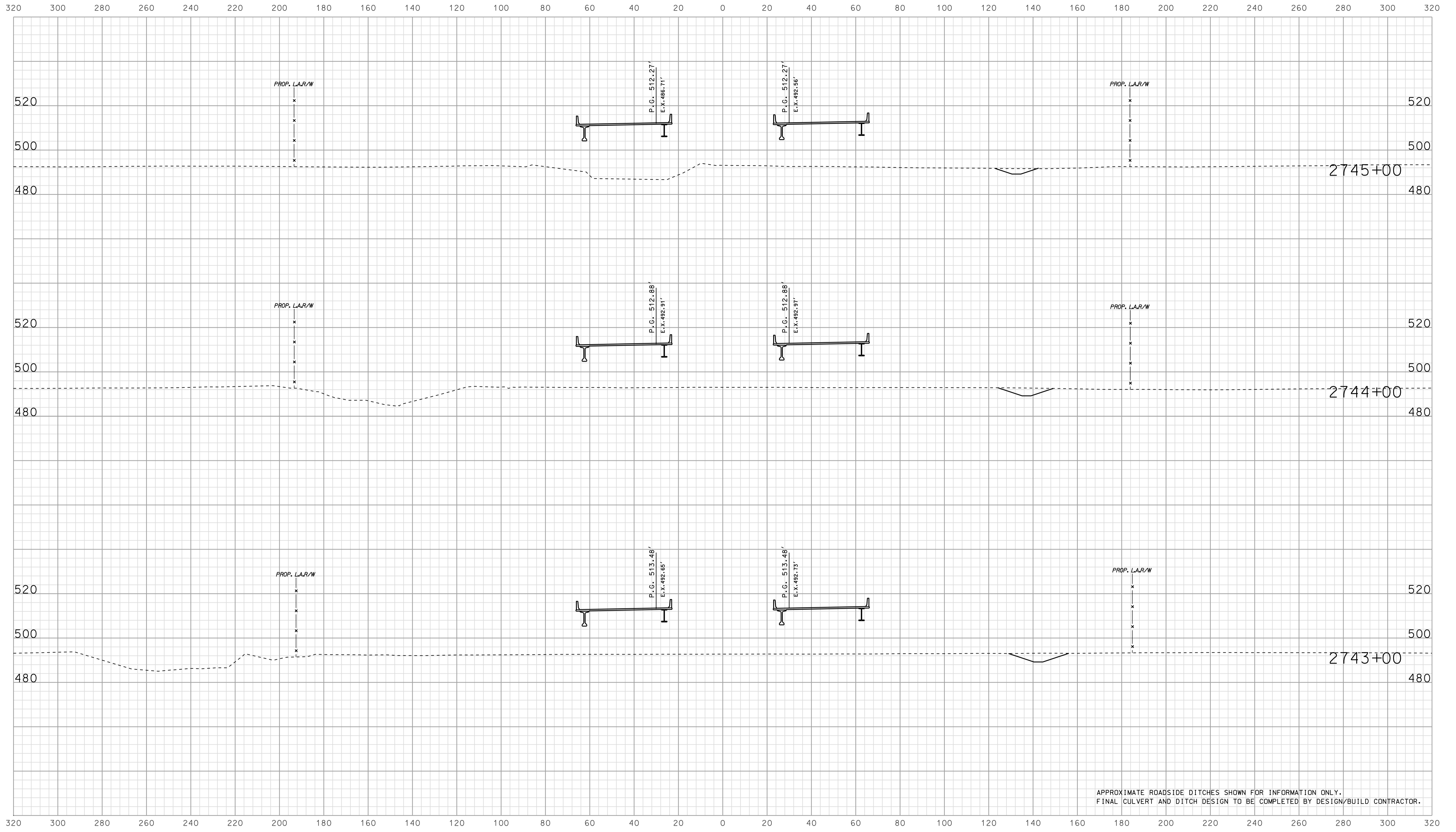
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-37  
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 10/10/10 2:20:10 PM

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-52	196 of 373	
IR-33051	PROJECT	0500445	



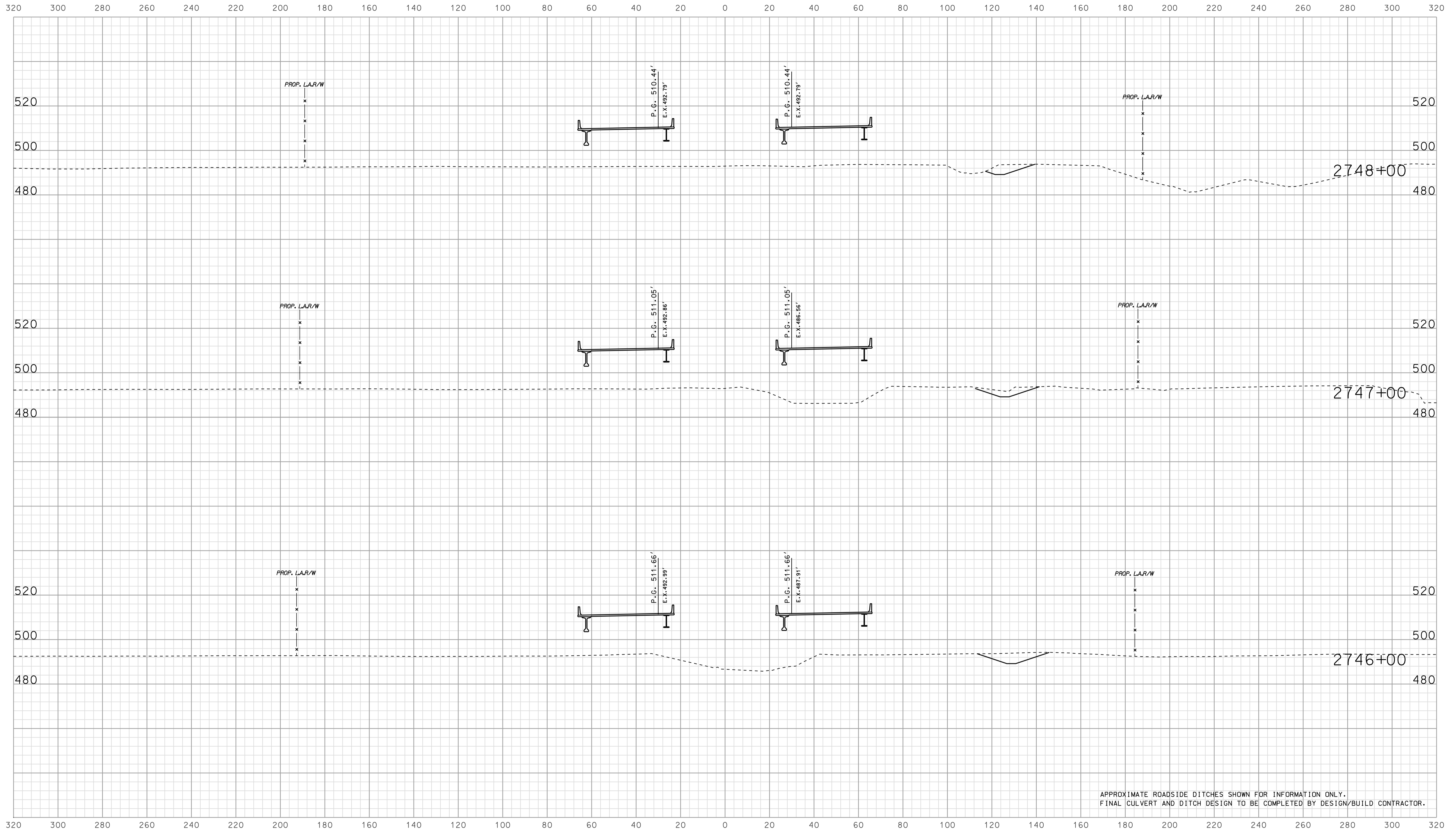
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FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

10/10/25 2:00 PM  
 IP: P:\P\2025\025\ASEG\3\5053.dgn 15:37

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'		BRIDGE FILE	
VERTICAL SCALE 1" = 20'		DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-53	197 of 373	
IR-33051	PROJECT	0500445	



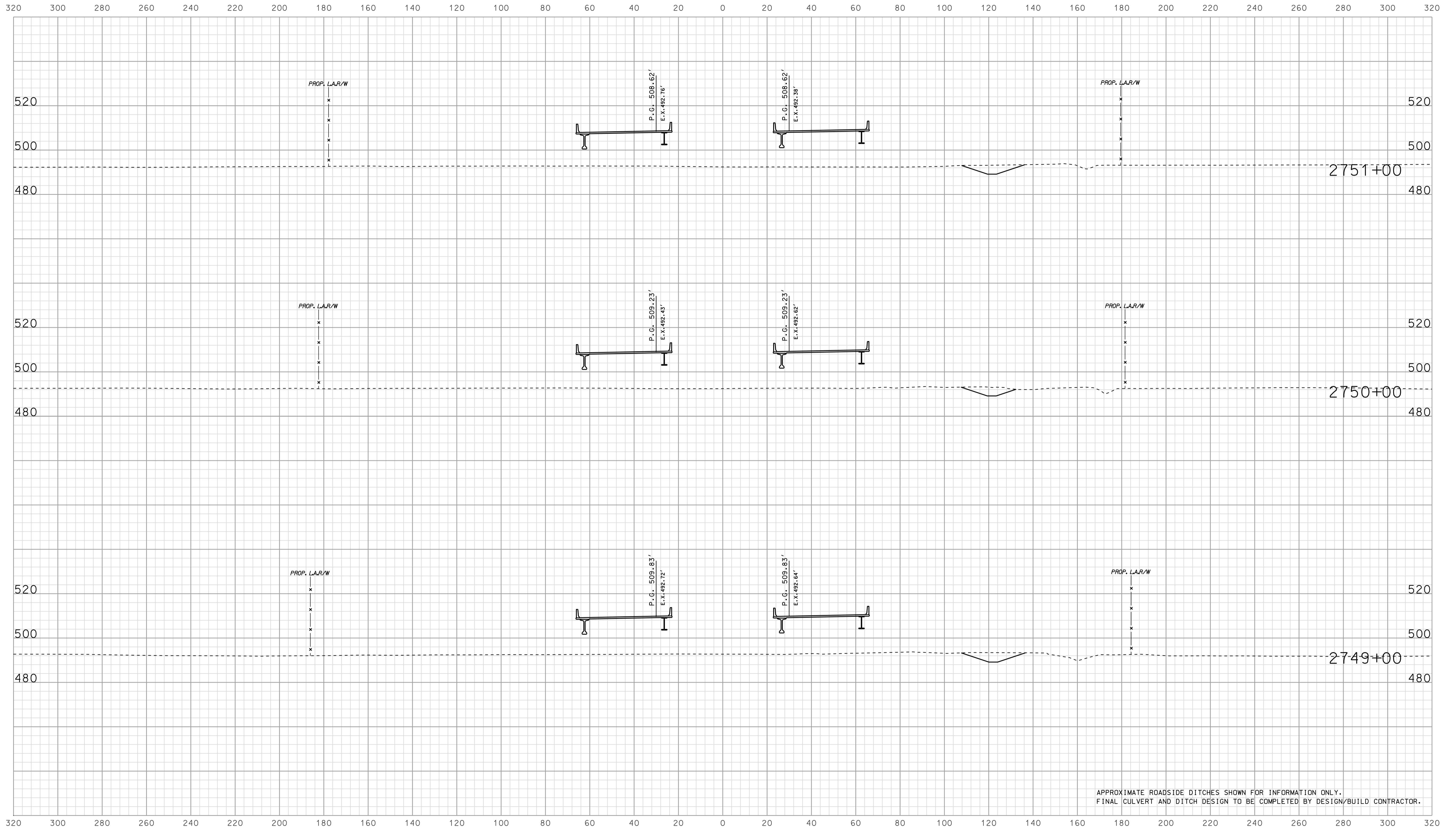
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-37  
 1P\_PWP-810025A-SEGE3X5054.dgn  
 10/10/05

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: <b>BJO</b>	DRAWN: <b>DH</b>		
CHECKED: <b>NOH</b>	CHECKED: <b>DMA</b>		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

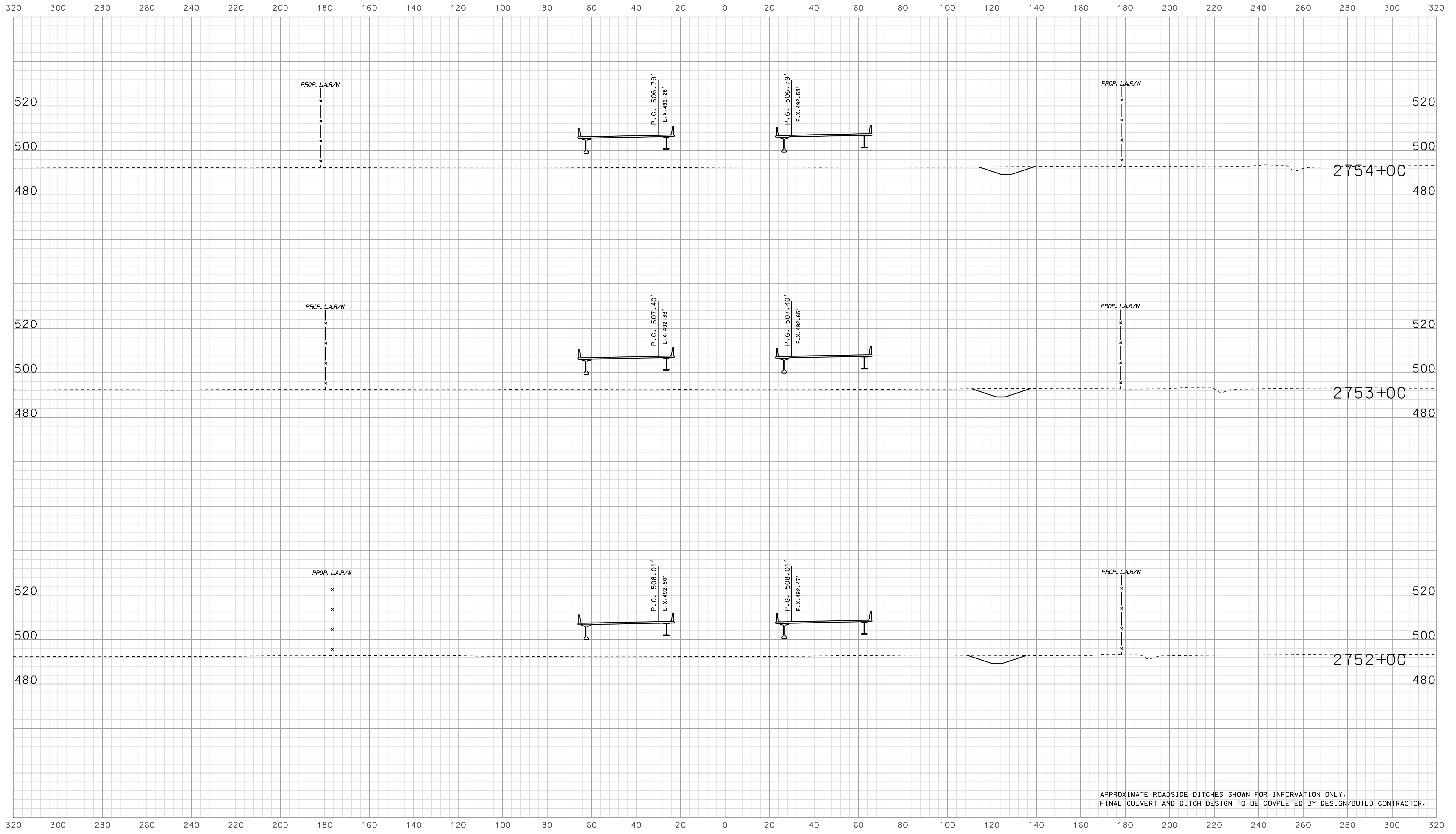
HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-54	SHEET NO. 198 of 373
CONTRACT IR-33051	PROJECT 0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-38  
 IP\_PWP-816025A-SEGE3X5055.dgn

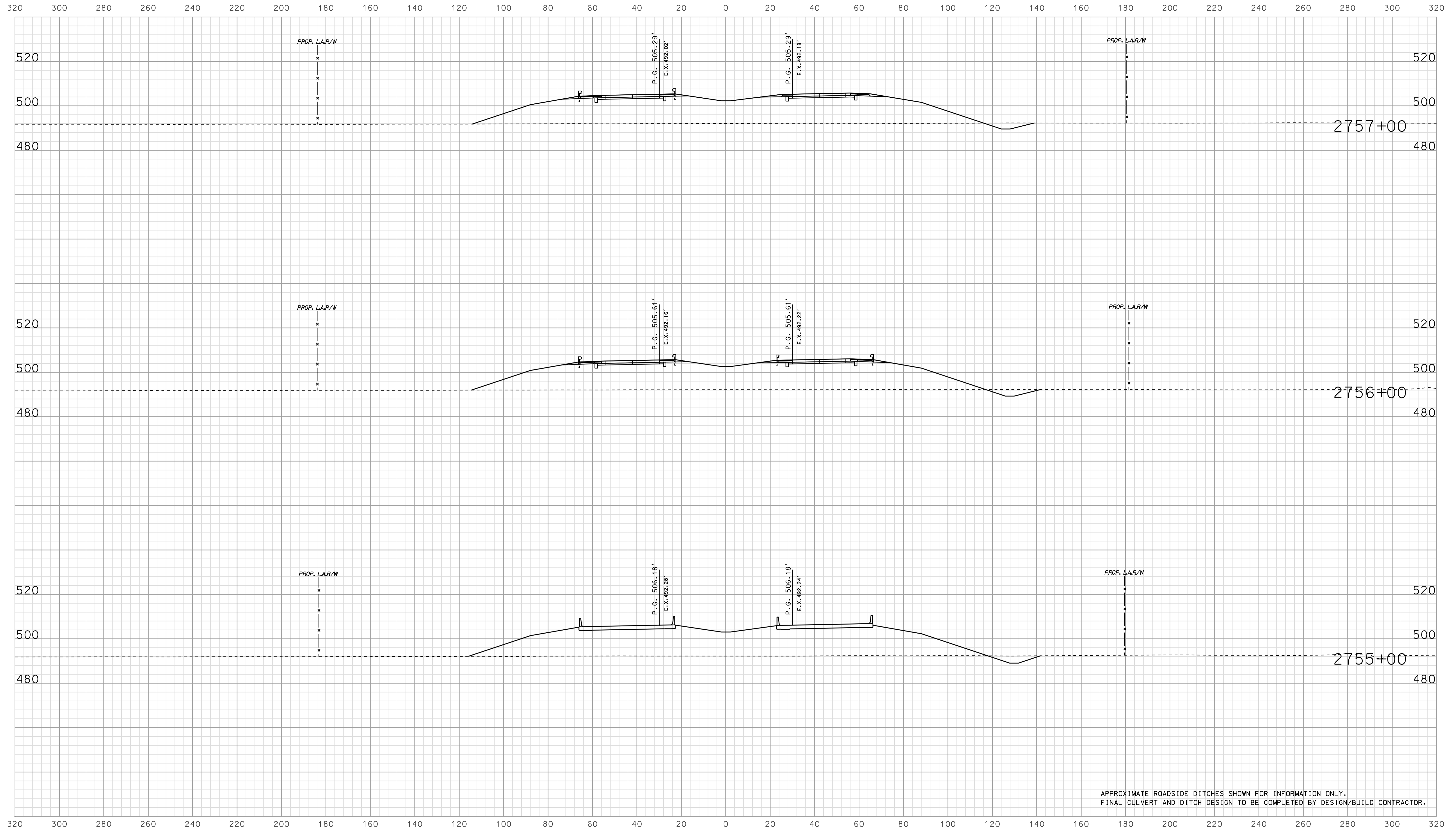
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		BRIDGE FILE
	DESIGNED: <b>BJO</b>	DRAWN: <b>DH</b>	ROADWAY CROSS SECTIONS LINE "A"		DESIGNATION <b>0500445</b>
CHECKED: <b>NOH</b>	CHECKED: <b>DMA</b>			SURVEY BOOK	DWG. NO. SHEET NO. XS-55 199 of 373
				CONTRACT IR-33051	PROJECT 0500445



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-338  
 IP\_PWP-2010-0254-SEGEI3X5056.dgn

	RECOMMENDED FOR APPROVAL		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: <b>BJO</b>	DATE		1" = 20'	
	CHECKED: <b>NDH</b>	CHECKED: <b>DMA</b>	ROADWAY CROSS SECTIONS LINE "A"	VERTICAL SCALE	DESIGNATION
				1" = 20'	0500445
				SURVEY BOOK	DWG. NO. SHEET NO.
				IR-33051	XS-56 200 of 373
					PROJECT
					0500445



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

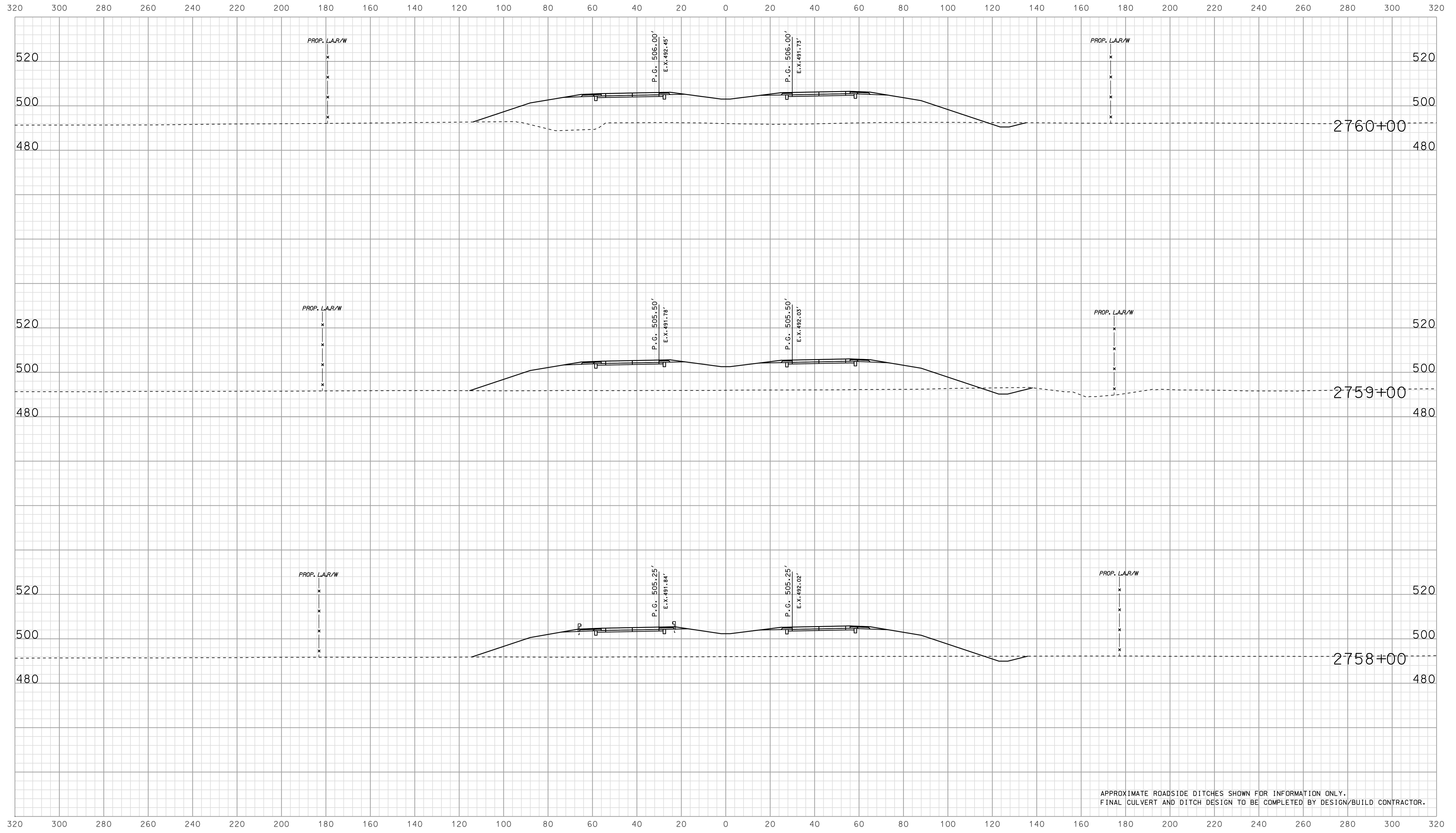
15-38  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
1" = 20'	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-57	201 of 373
CONTRACT	PROJECT	
IR-33051	0500445	





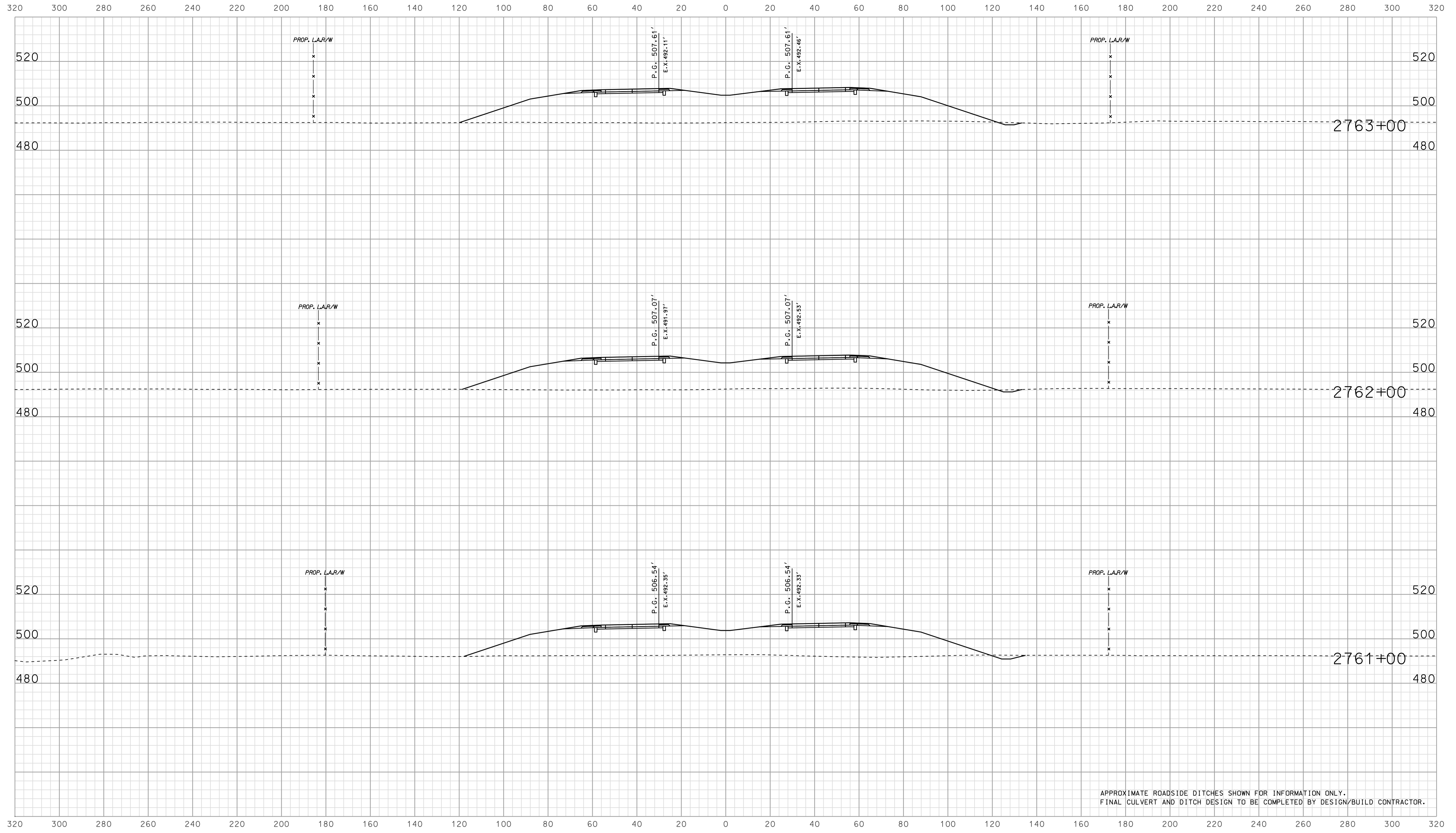
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-38  
 IP\_PWP-81600254-SE-EG13X5058.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-58	SHEET NO. 202 of 373
CONTRACT IR-33051	PROJECT 0500445	



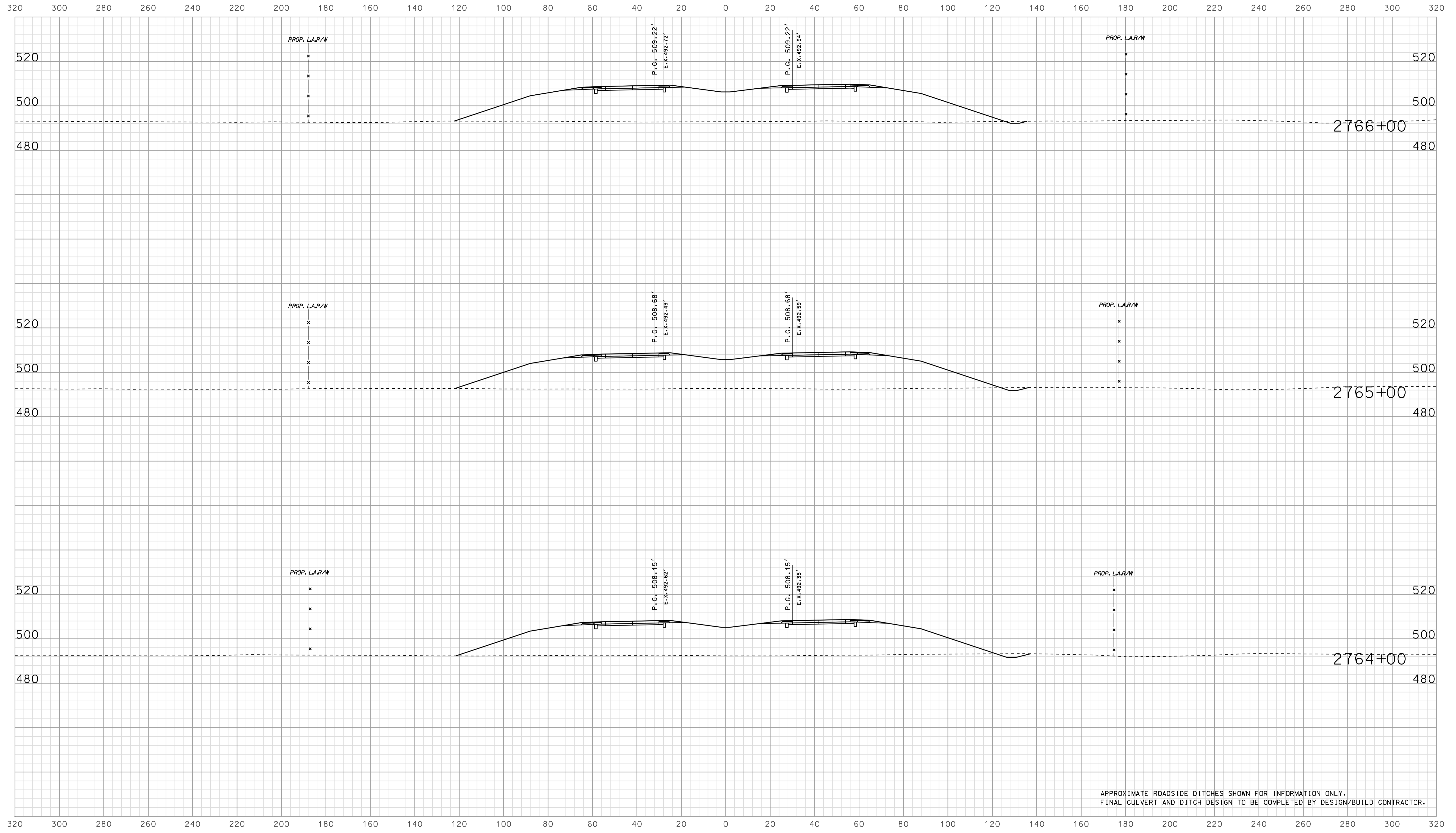
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-38  
 IP\_PWP-2010-0254-SE-315059.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-59	SHEET NO. 203 of 373
CONTRACT IR-33051	PROJECT 0500445	



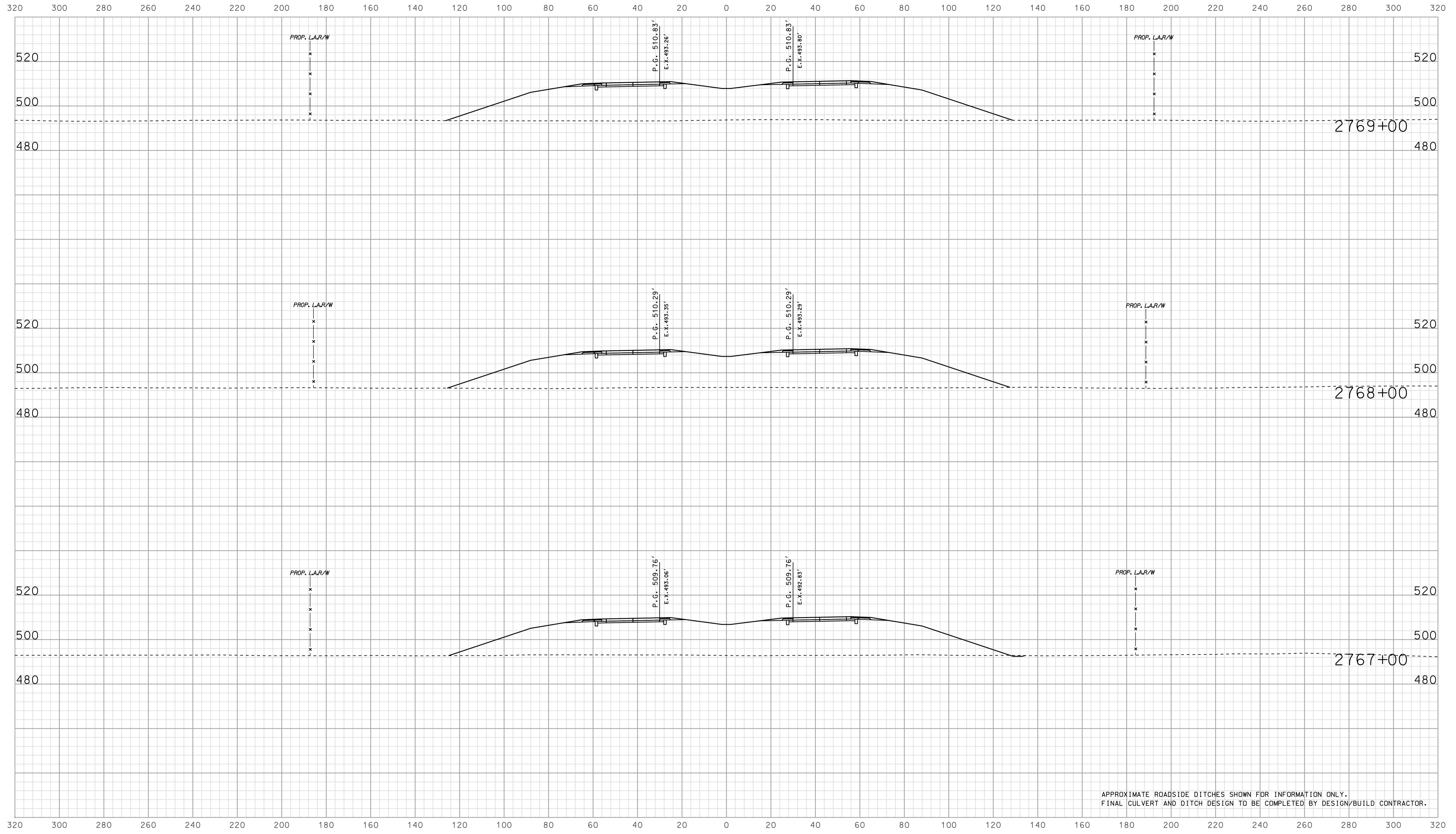
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-38  
 IP\_PWP-31160254-SE-EG13X5060.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE
DESIGNED: BJO	DRAWN: DH			
CHECKED: NOH	CHECKED: DMA			

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-60	SHEET NO. 204 of 373
CONTRACT IR-33051	PROJECT 0500445	



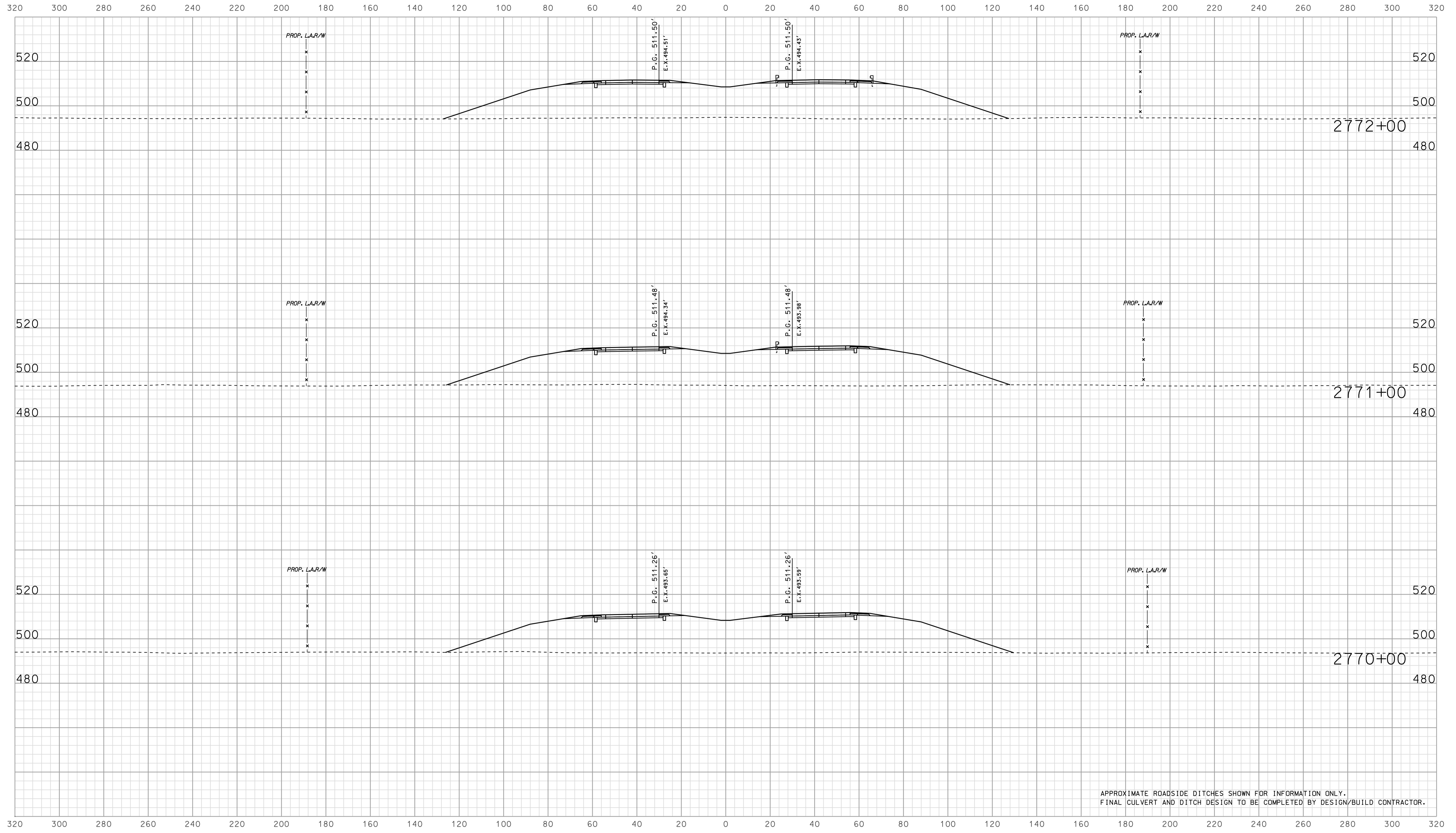
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15.38  
 IP\_PWP-310025A-SEGE3X5061.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-61	SHEET NO. 205 of 373
CONTRACT IR-33051	PROJECT 0500445	



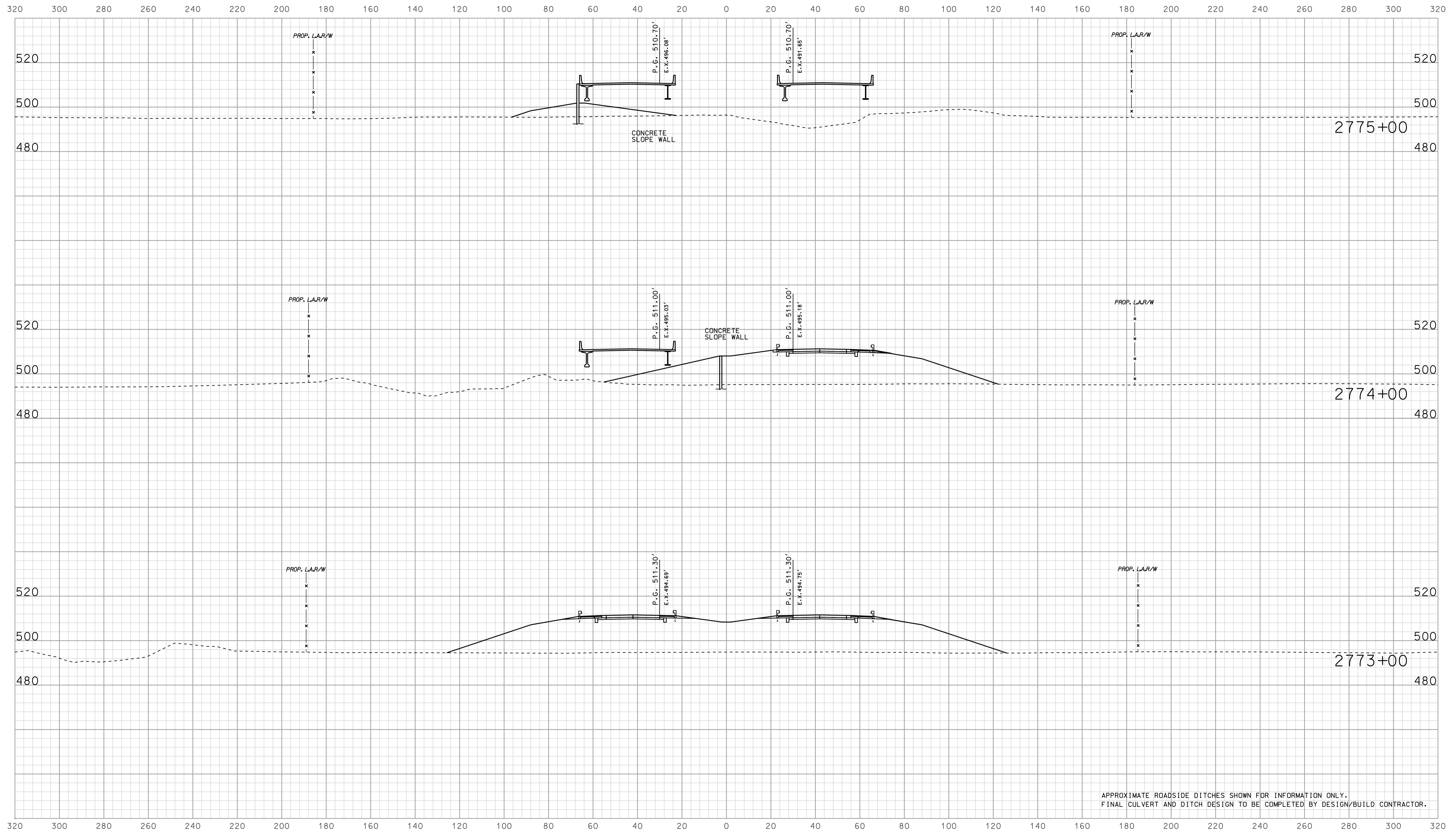
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-39  
 IP\_PWP-810025A-SEGE3X5062.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-62	206 of 373	
IR-33051	PROJECT	0500445	



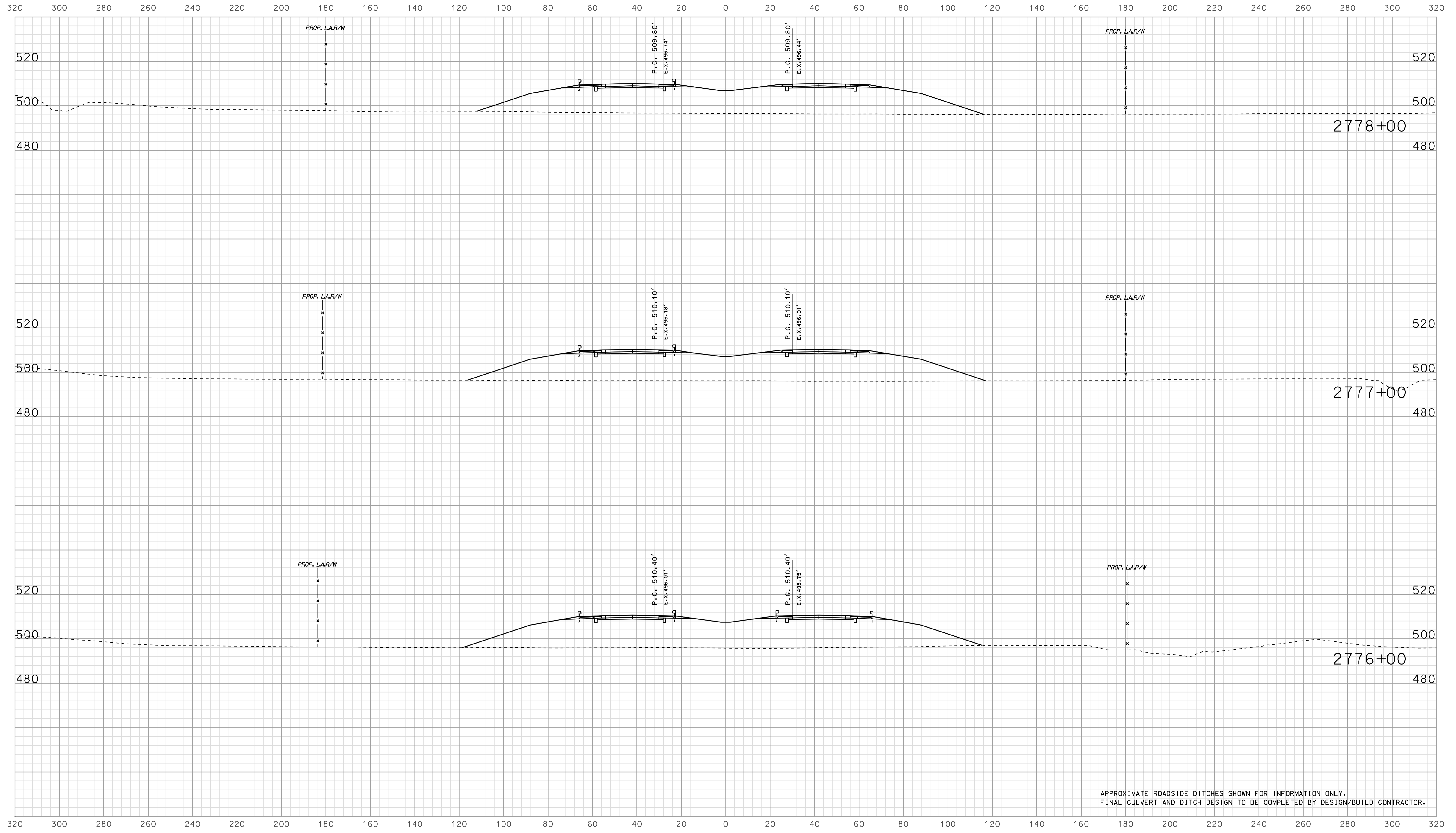
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-39  
 10/16/2010  
 IP\_PWP-31002545E63X5063.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-63	207 of 373	
IR-33051	PROJECT	0500445	



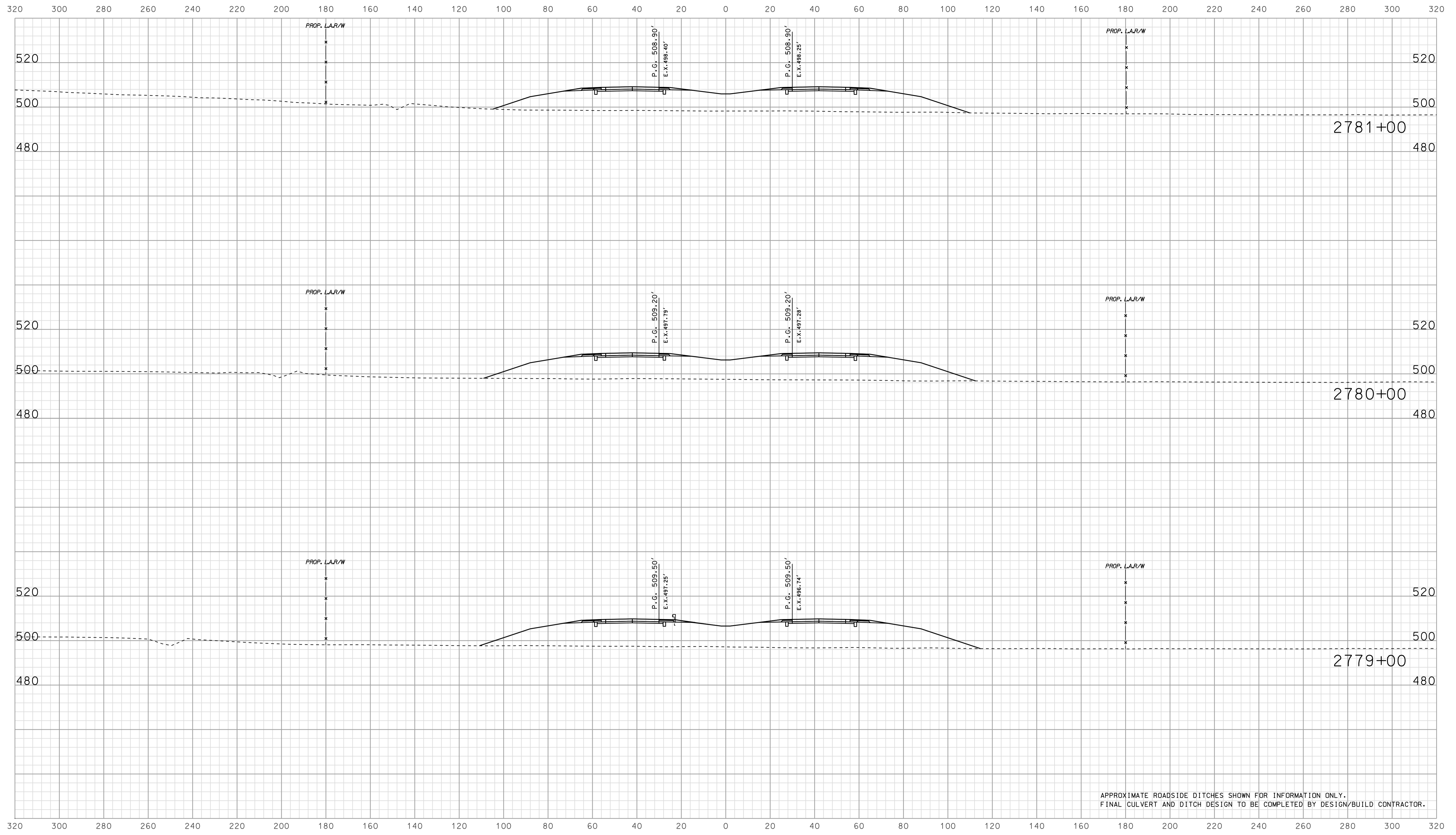
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-339  
 IP\_PWP-810025A-SEG13X5064.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-64	SHEET NO. 208 of 373
CONTRACT IR-33051	PROJECT 0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

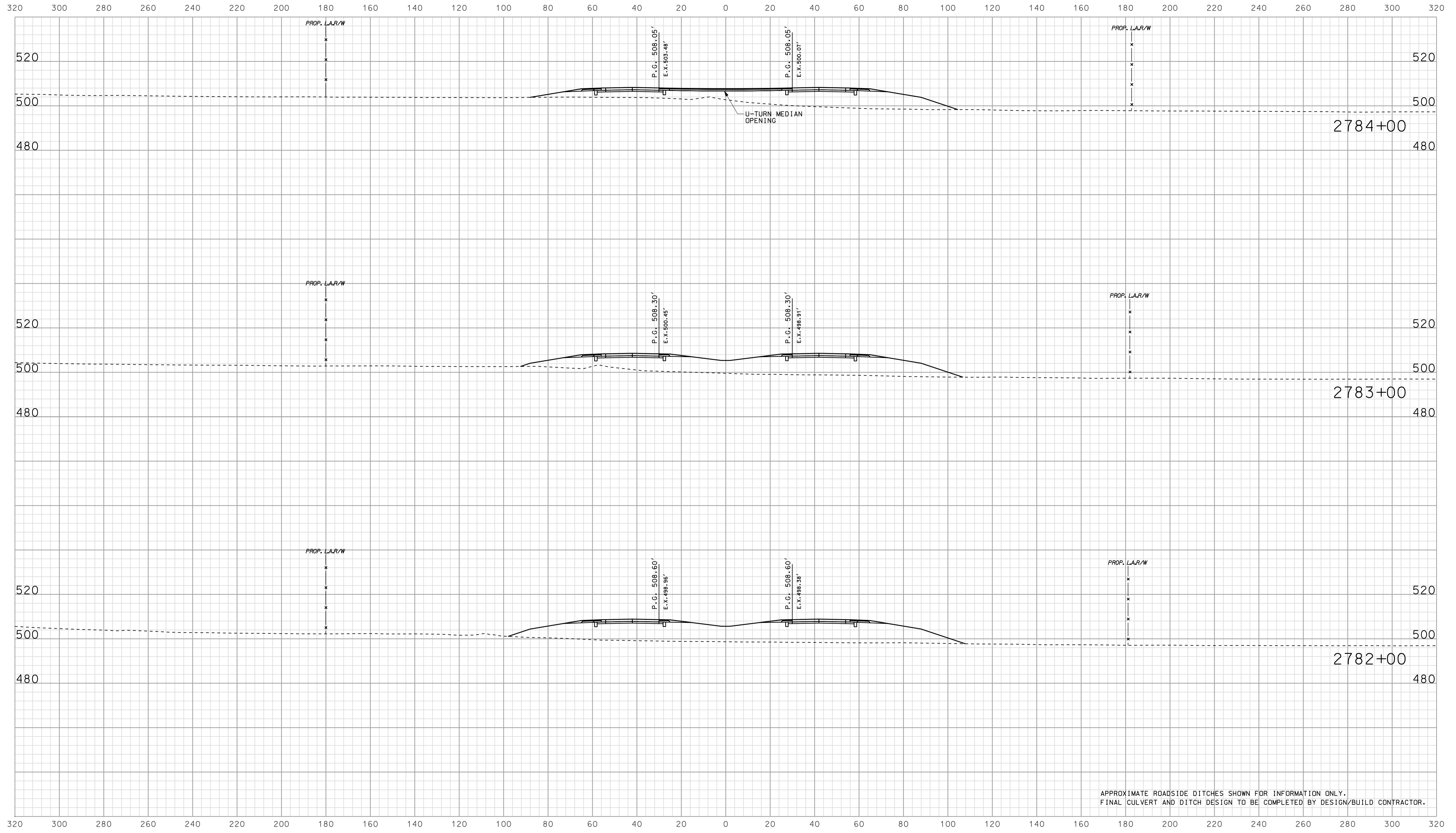
15-319  
 10/10/2010  
 IP\_PWP-311602545E613X5065.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-65	SHEET NO. 209 of 373
CONTRACT IR-33051	PROJECT 0500445	





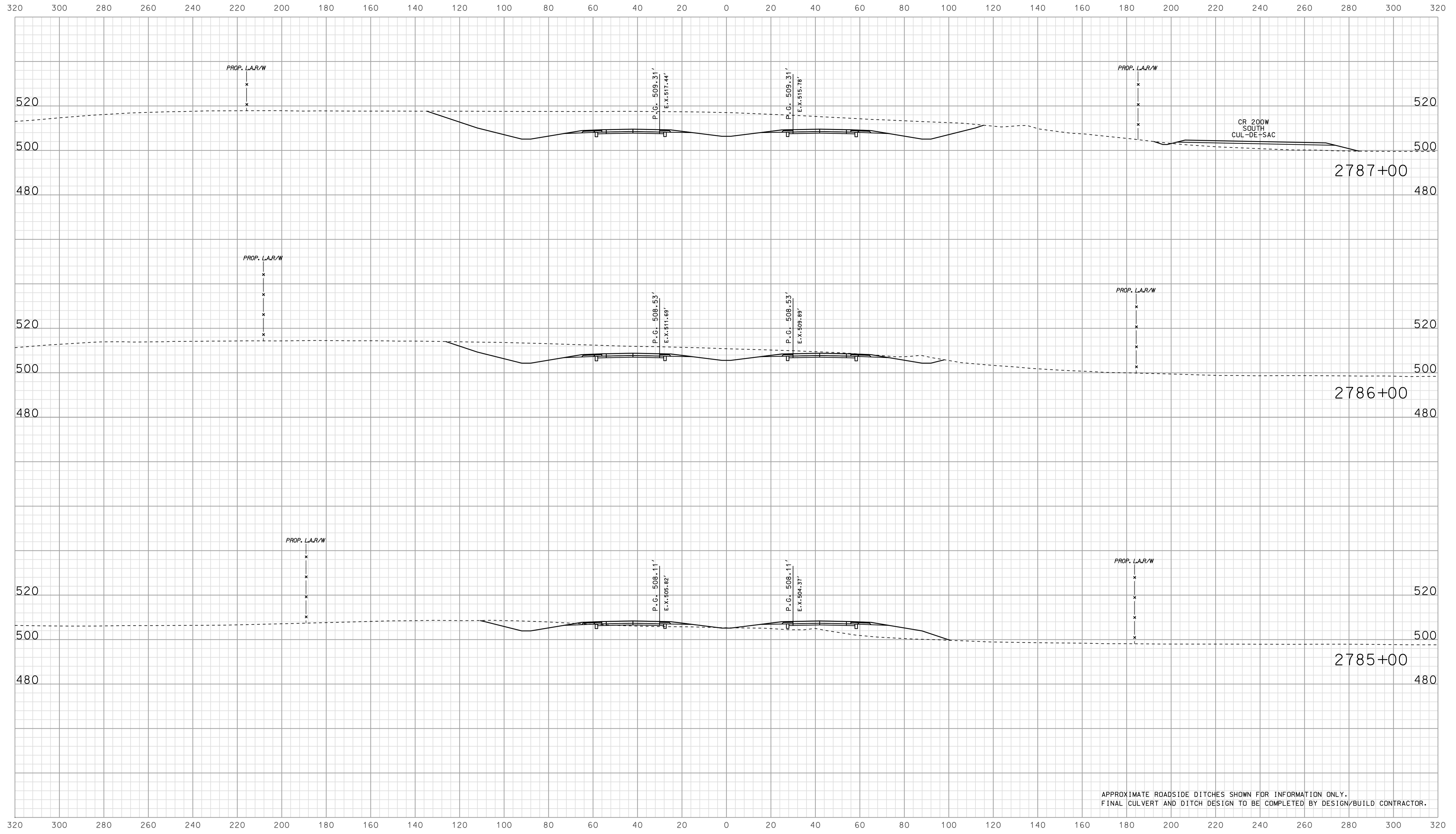
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-319  
 1/10/2010  
 IP\_P:\P\2010\2545\SE\GIS\5066.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-66	210 of 373	
PROJECT		PROJECT	
0500445			

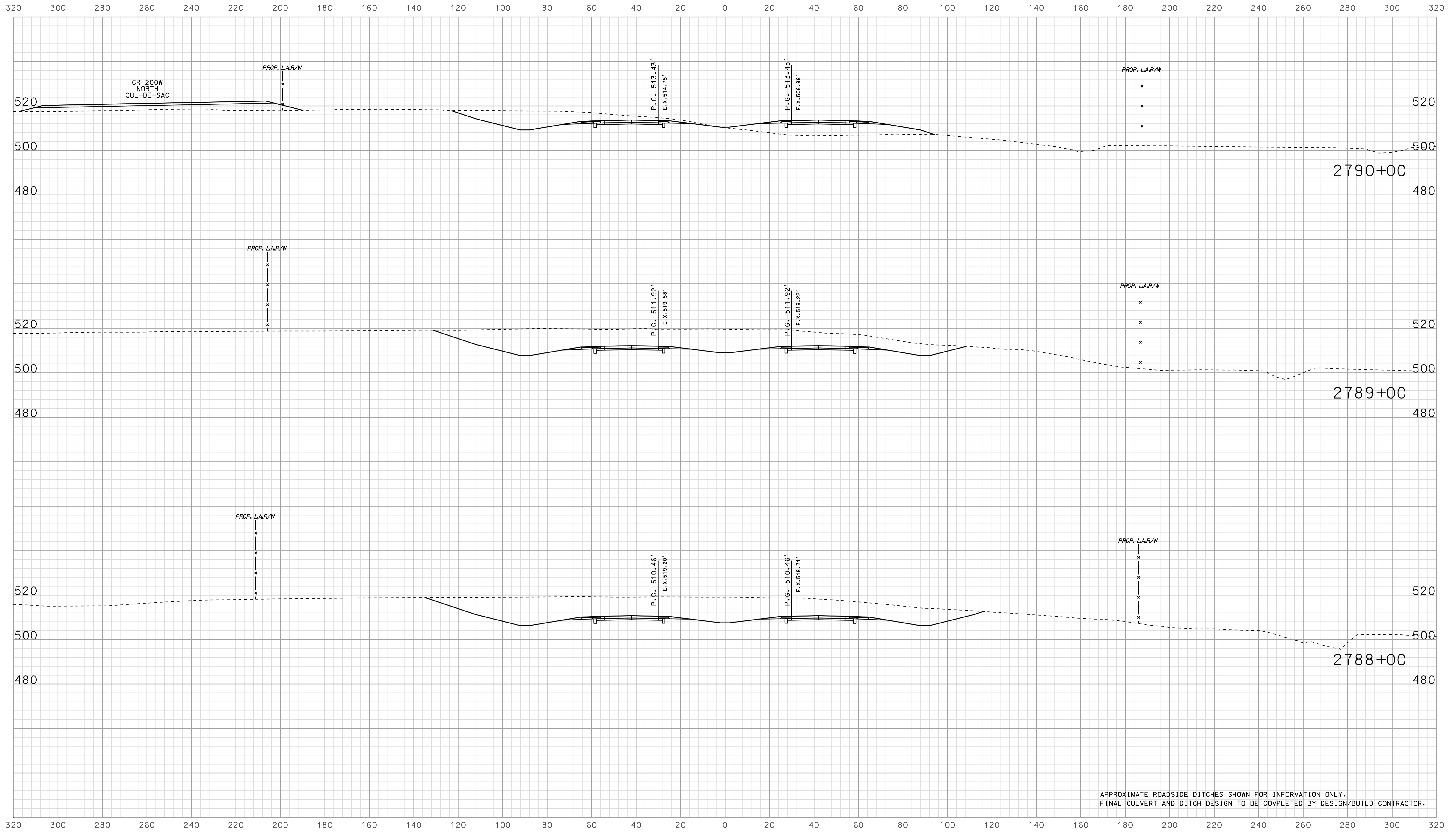


15-39  
 1P\_PWP-3160025A-SE-EG13X5067.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-67	211 of 373	
IR-33051	PROJECT	0500445	

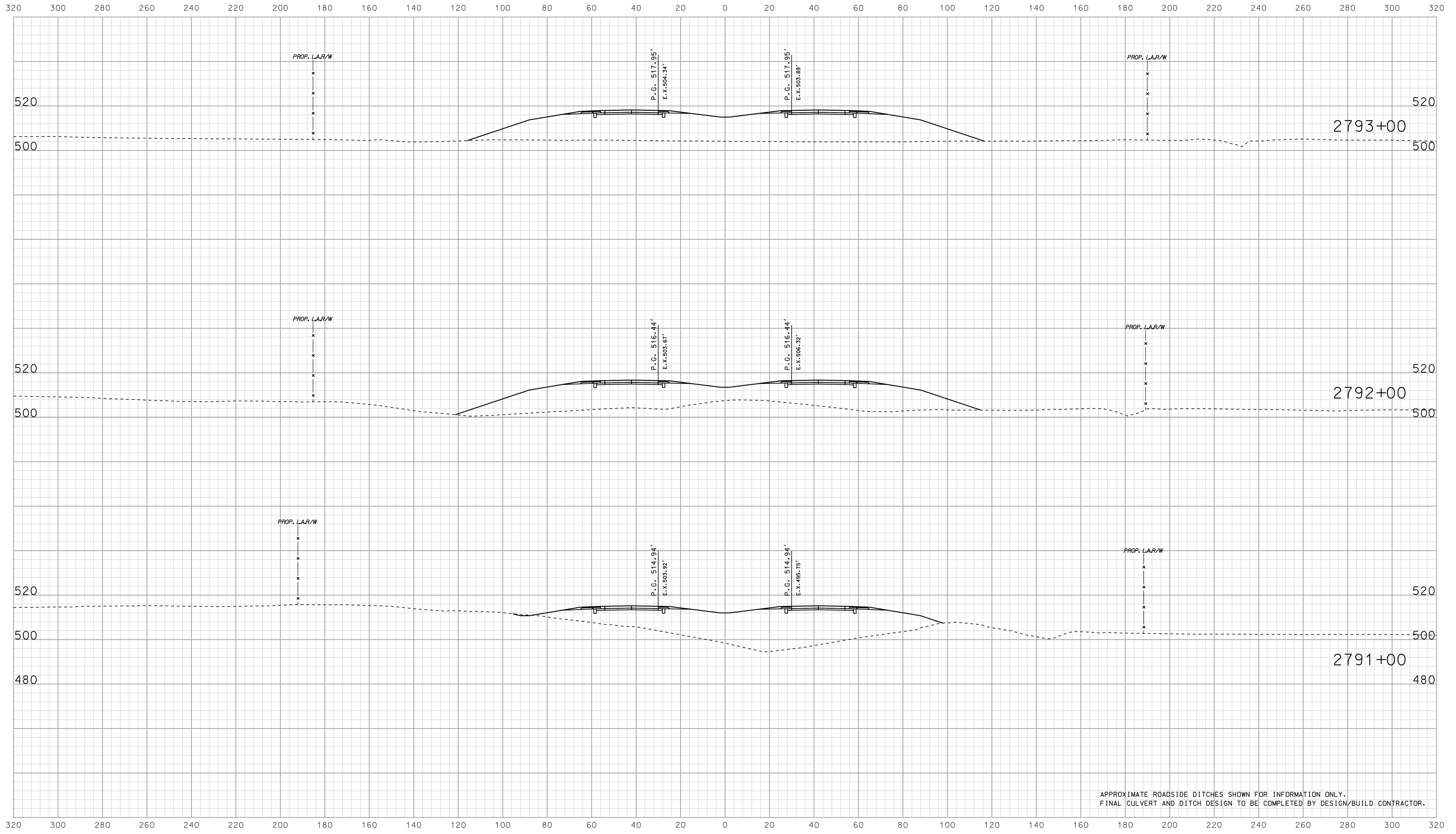


15-39  
 IP\_PWP-2010-0254-SE-EG13X5068.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH		
CHECKED: NOH	CHECKED: DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-68	SHEET NO. 212 of 373
CONTRACT IR-33051	PROJECT 0500445	



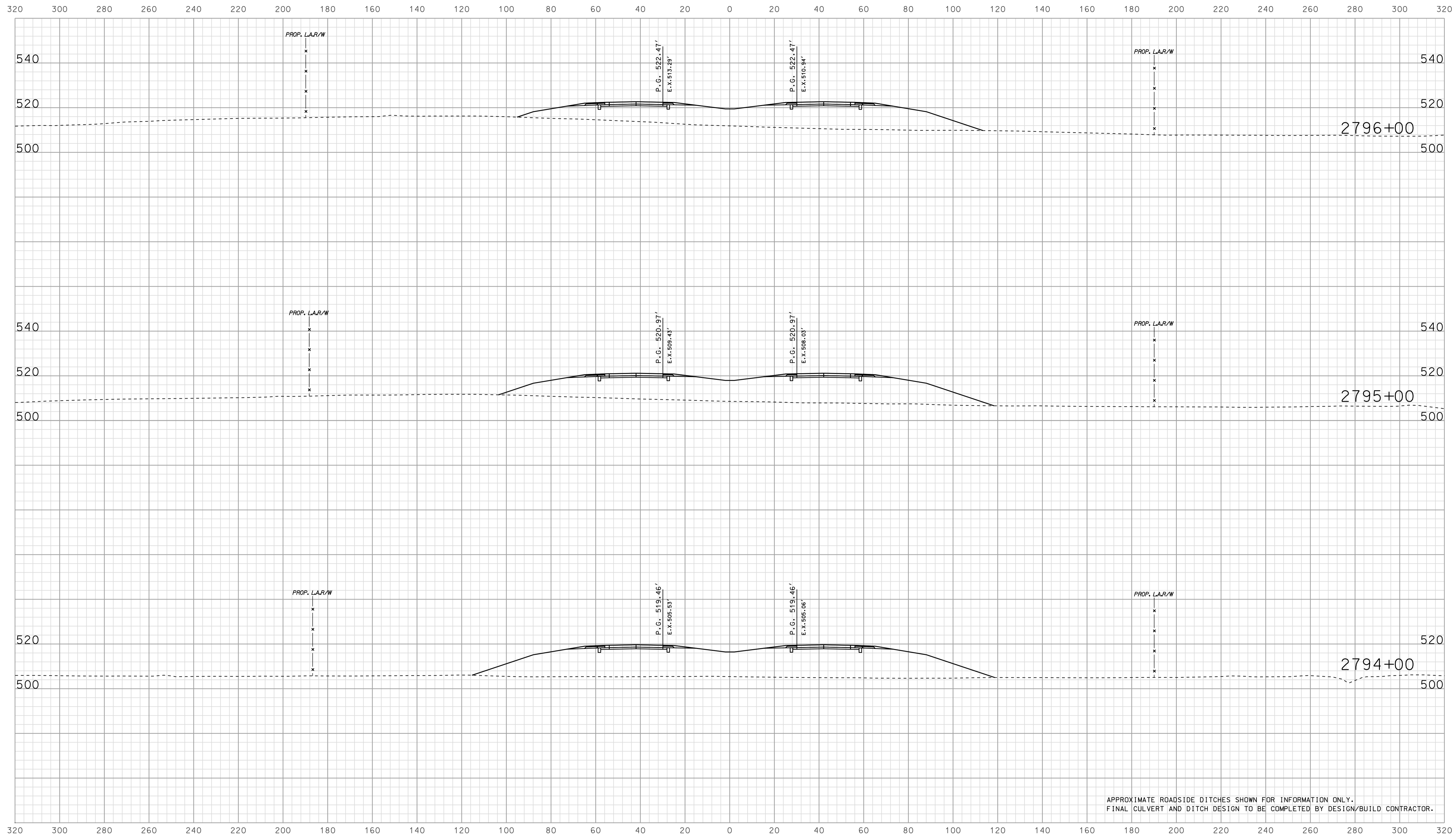
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-40  
 1P\_PWP-3160025A-SEGEI3X5068.dgn  
 10/20/05

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-69	SHEET NO. 213 of 373
CONTRACT IR-33051	PROJECT 0500445	



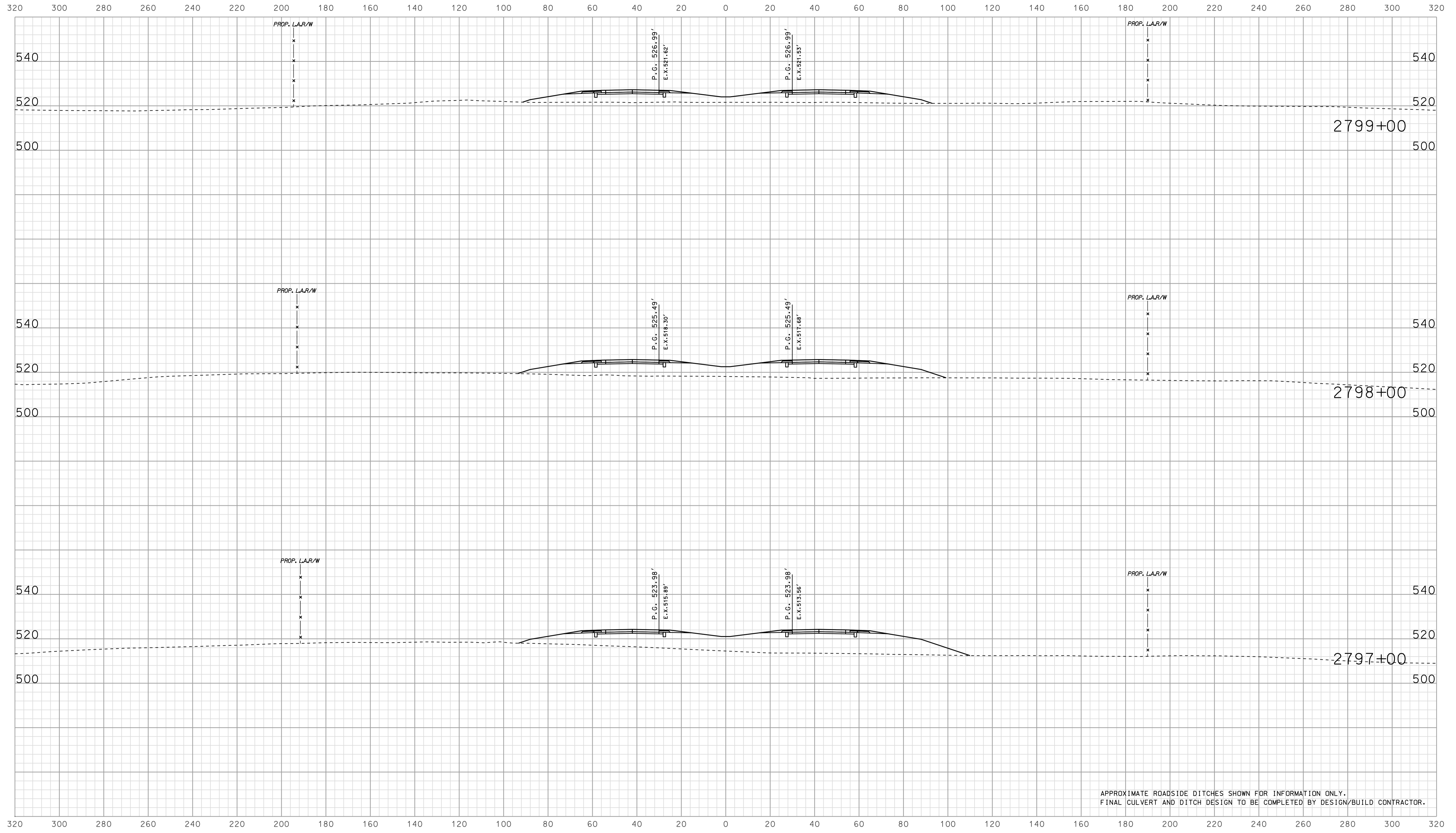
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-40  
 1/15/2010  
 IP\_PWP-8160025A-SEGE3X5070.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-70	214 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	



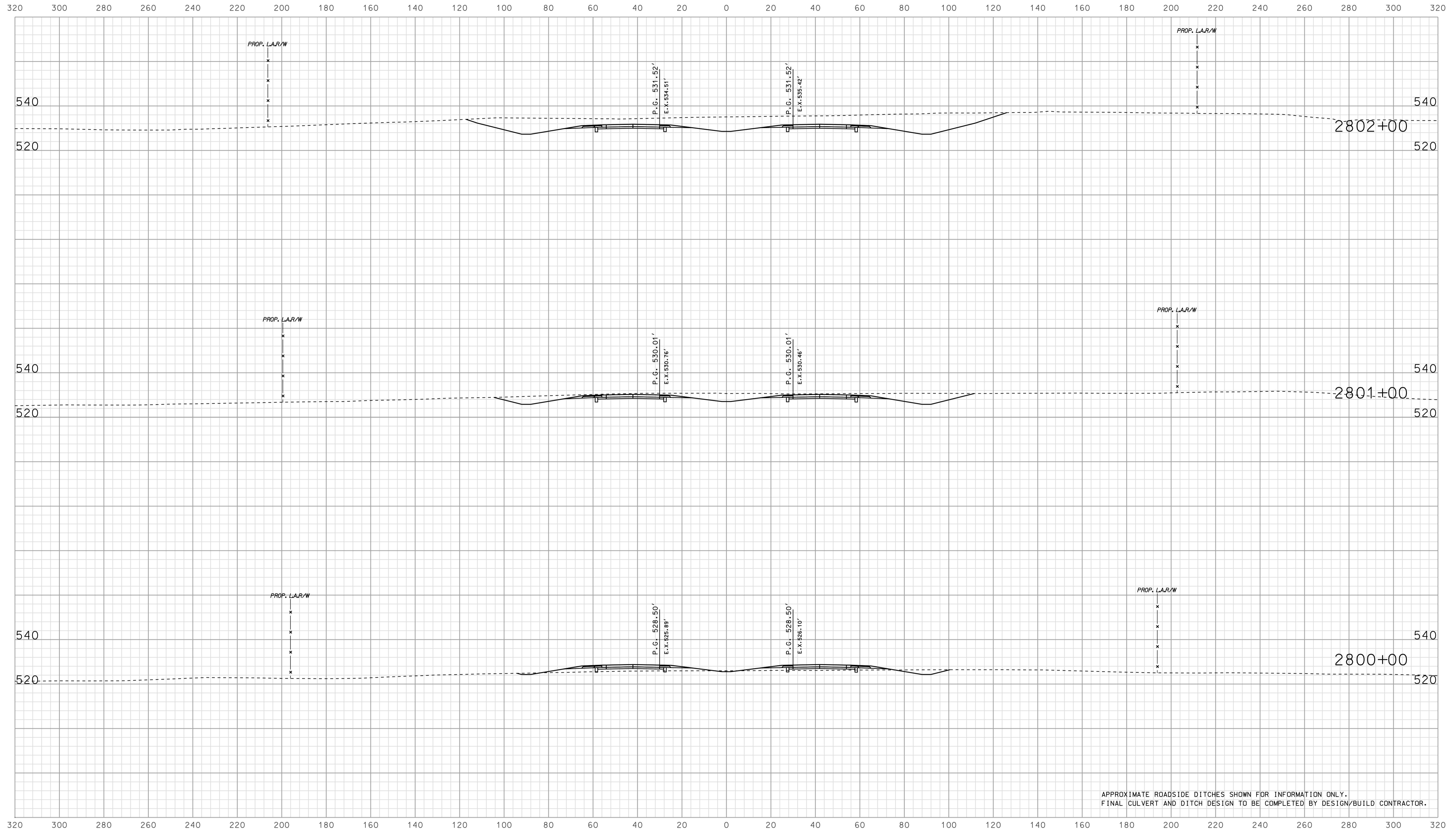
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FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-40  
 1/15/2015  
 IP\_PWP-8160025A-SEGE3X507.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
1" = 20'	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	XS-71	215 of 373
	PROJECT	
	0500445	



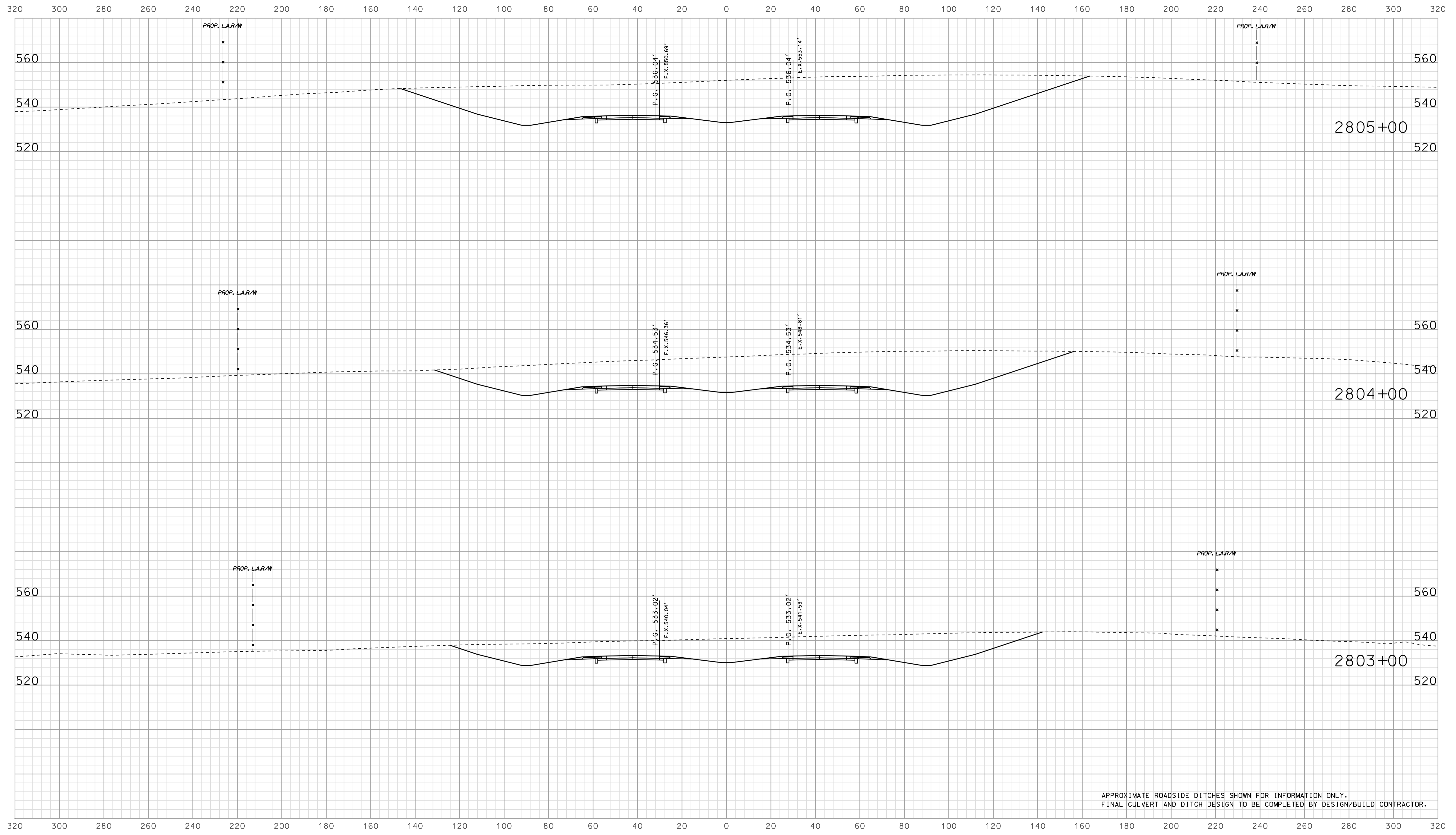
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-40  
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 10/20/05

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
1" = 20'	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-72	216 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



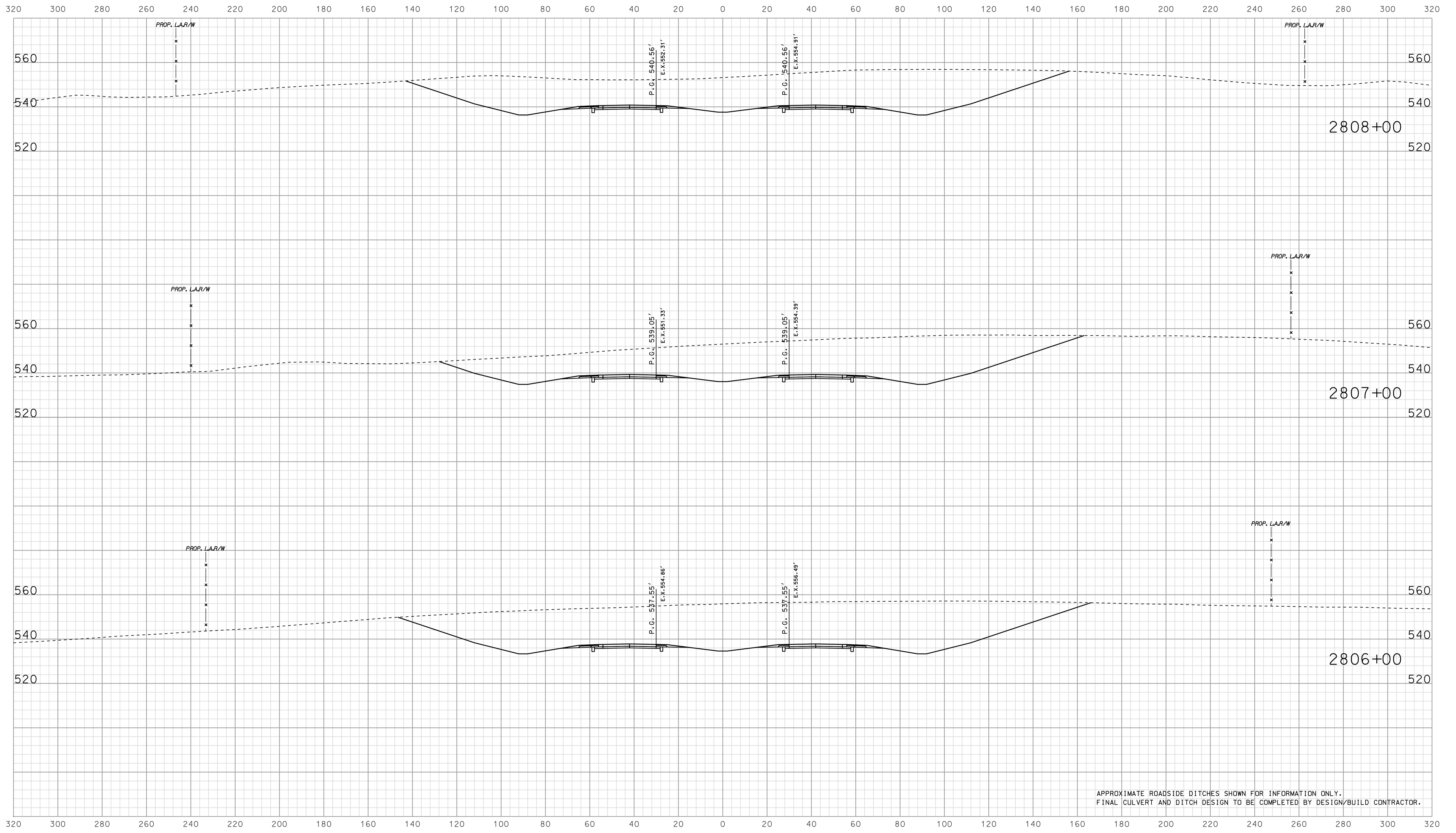
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

15-40  
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER		DATE		INDIANA DEPARTMENT OF TRANSPORTATION			HORIZONTAL SCALE		BRIDGE FILE		
	DESIGNED: BJO		DRAWN: DH					1" = 20'		DESIGNATION		0500445
CHECKED: NOH		CHECKED: DMA		ROADWAY CROSS SECTIONS LINE "A"			SURVEY BOOK		DWG. NO.		SHEET NO.	
							IR-33051		XS-73		217 of 373	
											0500445	



Scale 1 inch = 20 feet



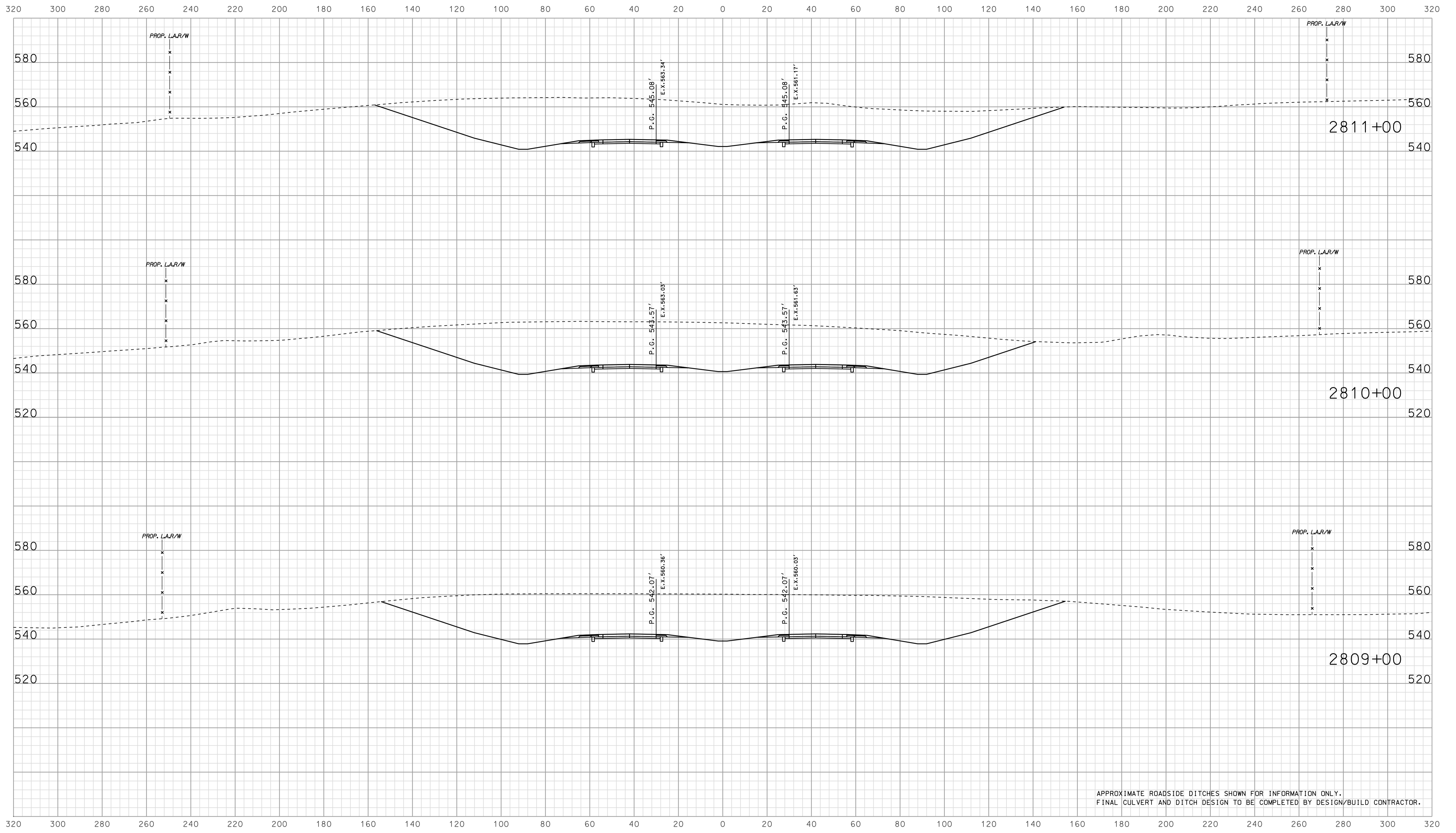
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FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

10/10/05 2:00 PM  
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: <b>BJO</b>	DRAWN: <b>DH</b>		
CHECKED: <b>NOH</b>	CHECKED: <b>DMA</b>		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'		BRIDGE FILE	
VERTICAL SCALE 1" = 20'		DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	IR-33051	XS-74	218 of 373
PROJECT		0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

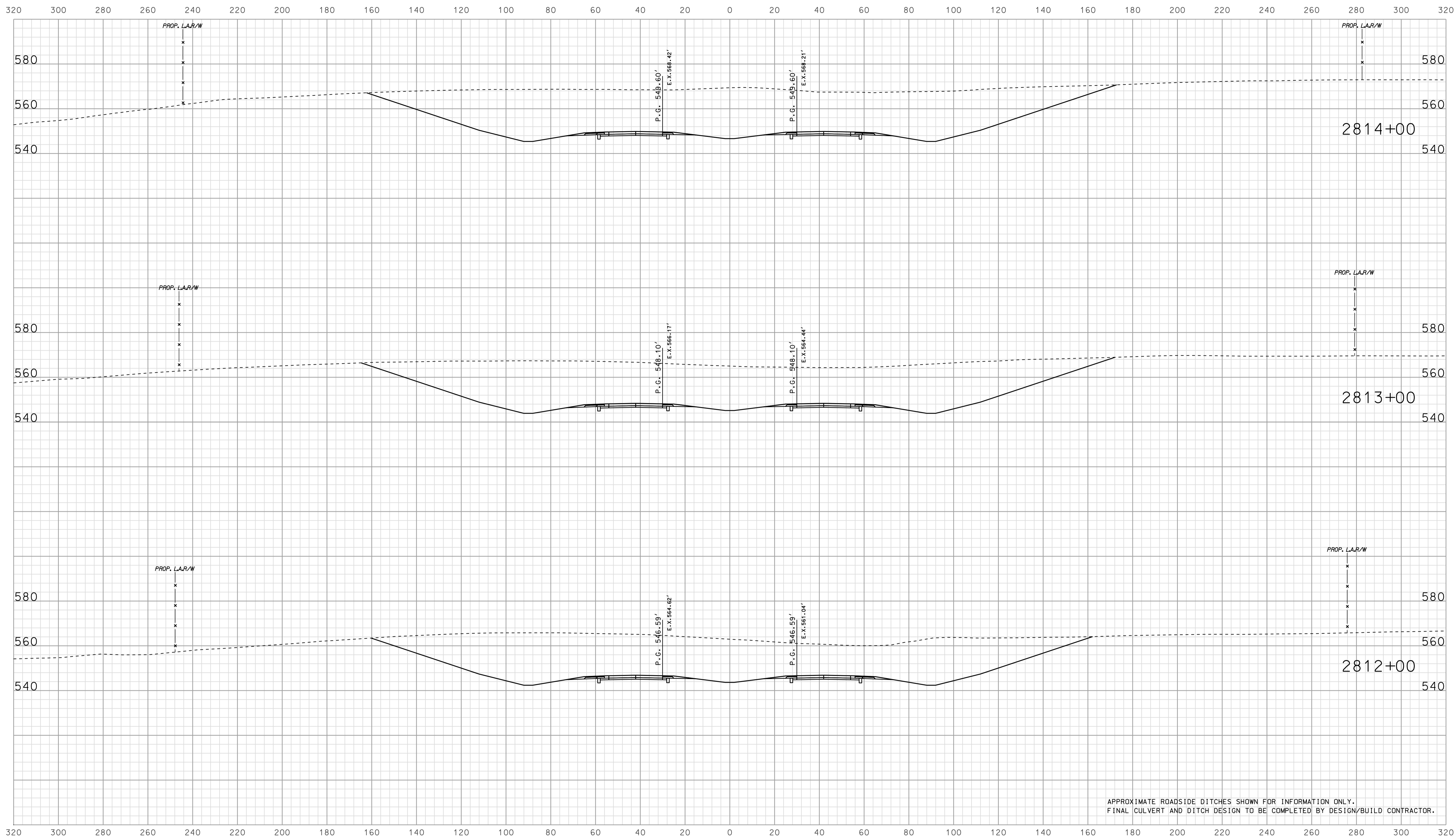
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-75	219 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	

IR-33051, CROSS SECTIONS PART 3 OF 4



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

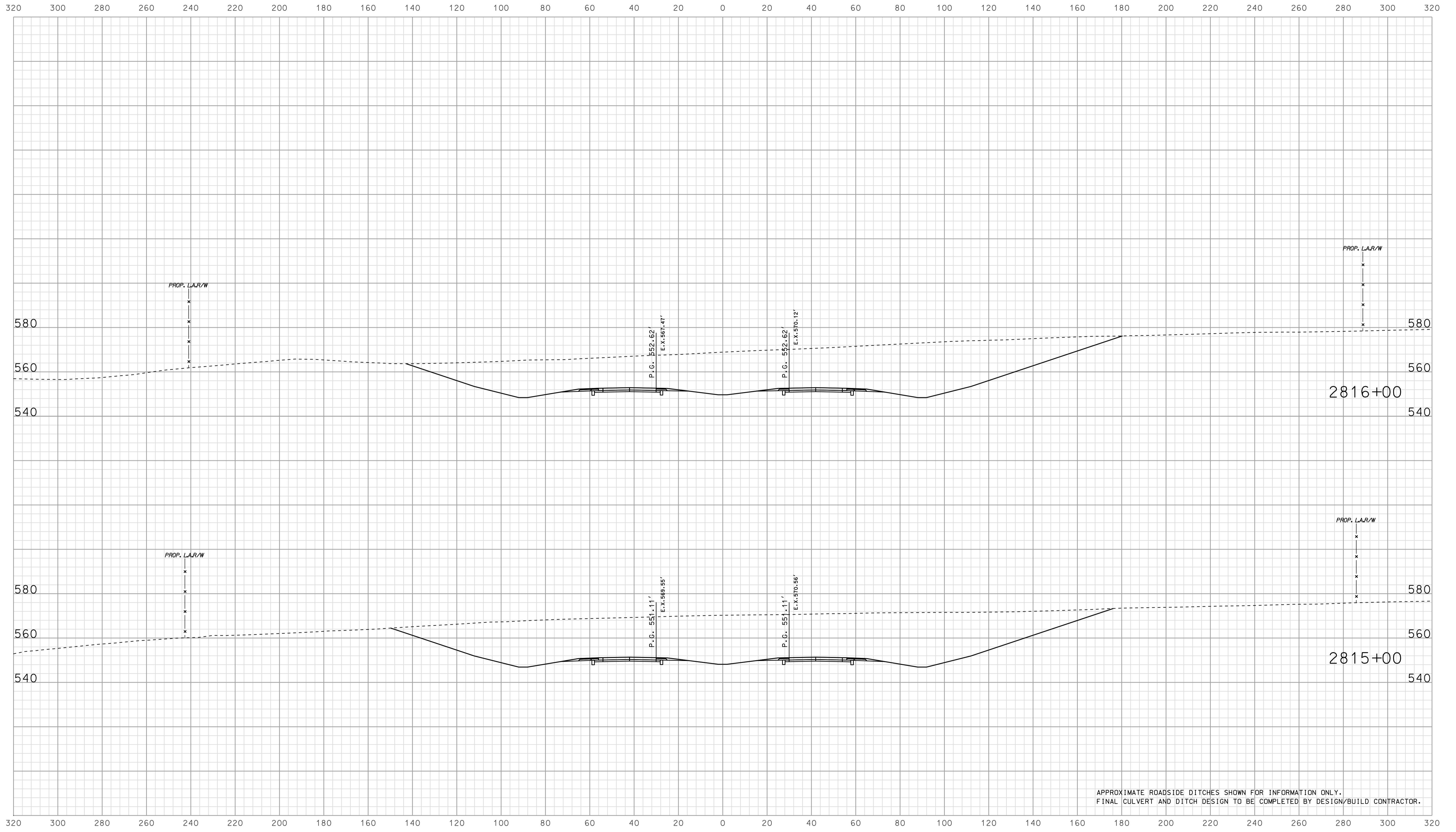
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS  
LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	IR-33051	XS-76	220 of 373
PROJECT		0500445	



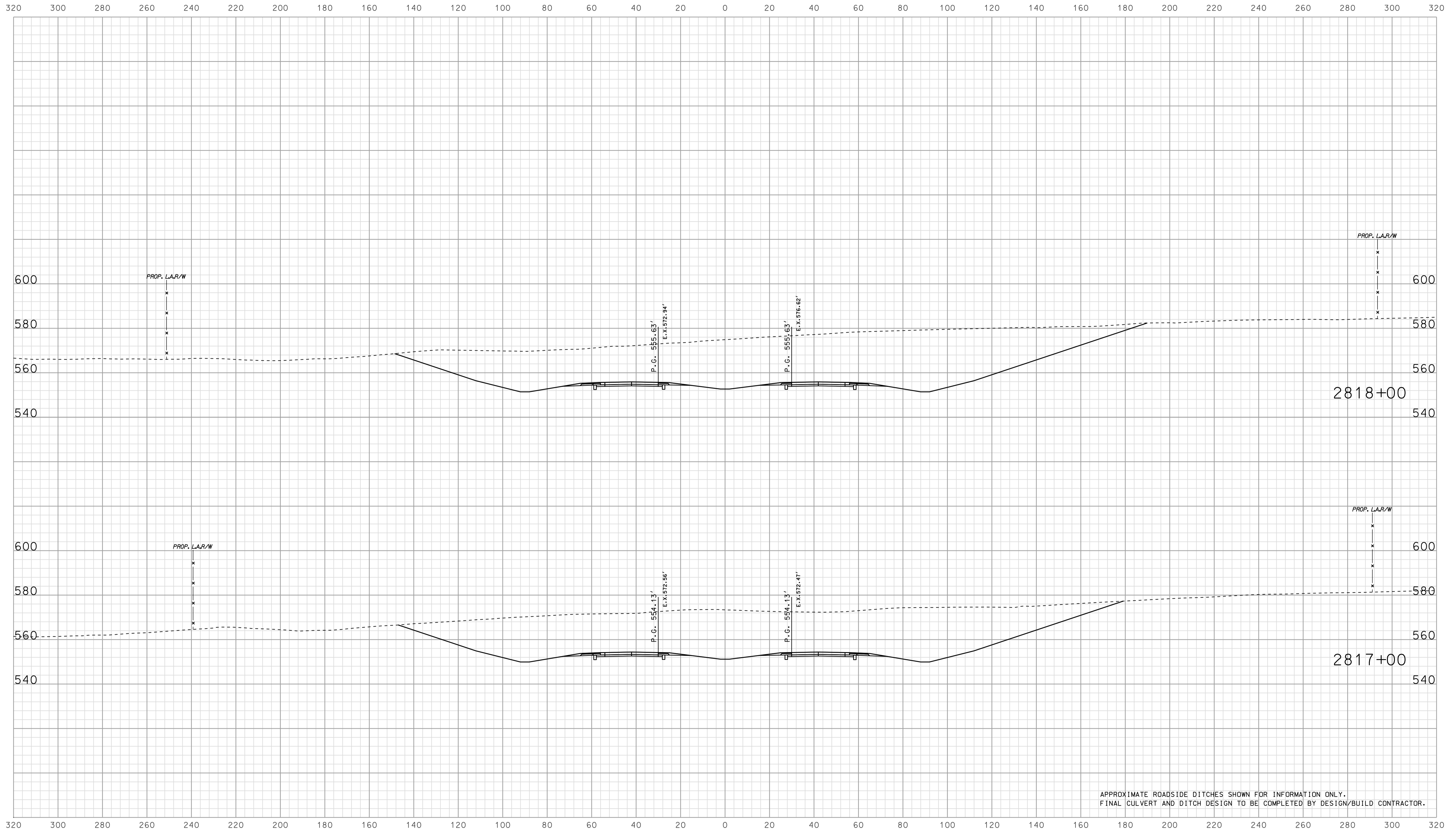
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/02  
 2010  
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 P:\P\025A5E613X507.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-77	221 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	



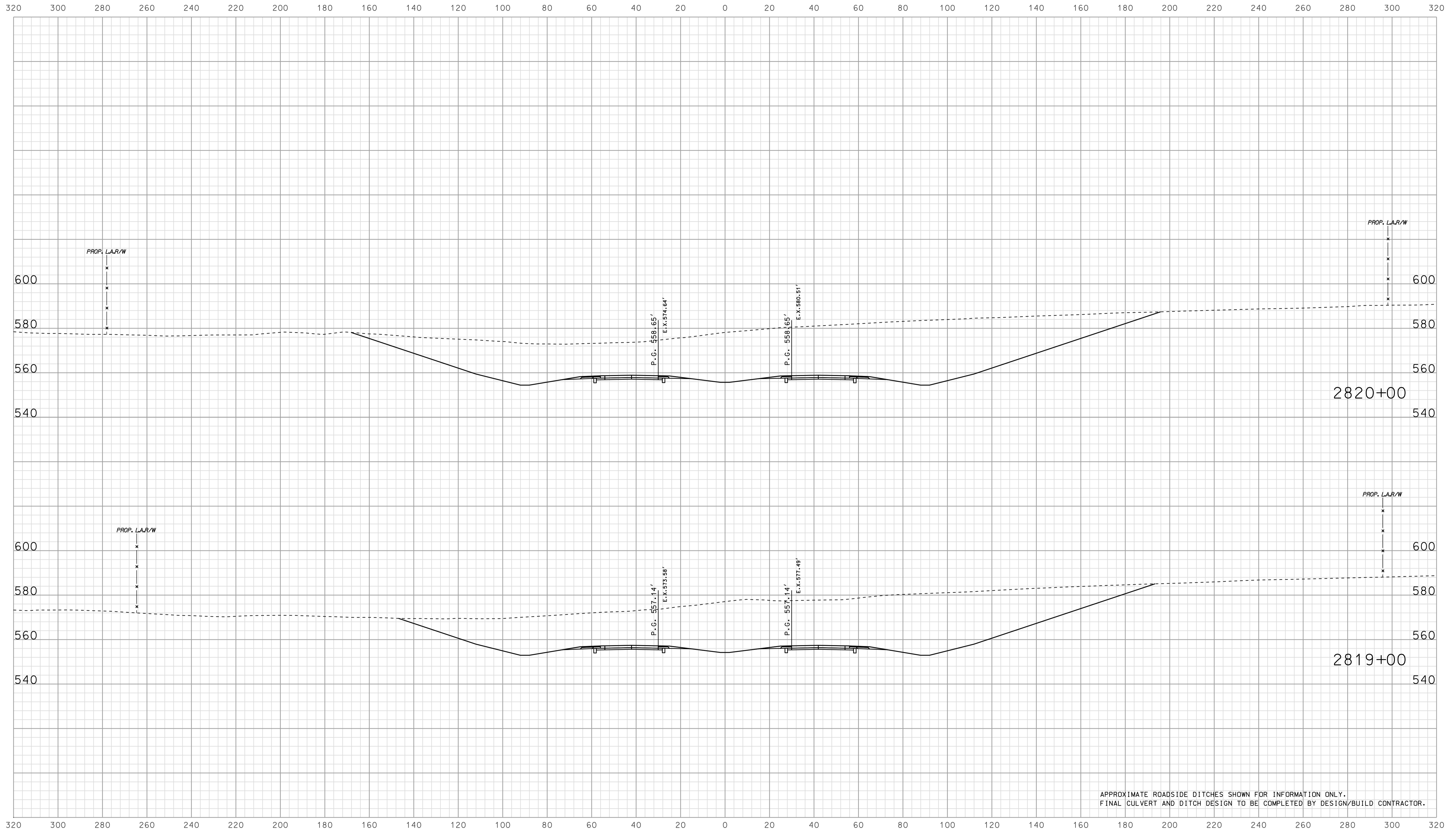
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

0902  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-78	222 of 373	
IR-33051	PROJECT	0500445	



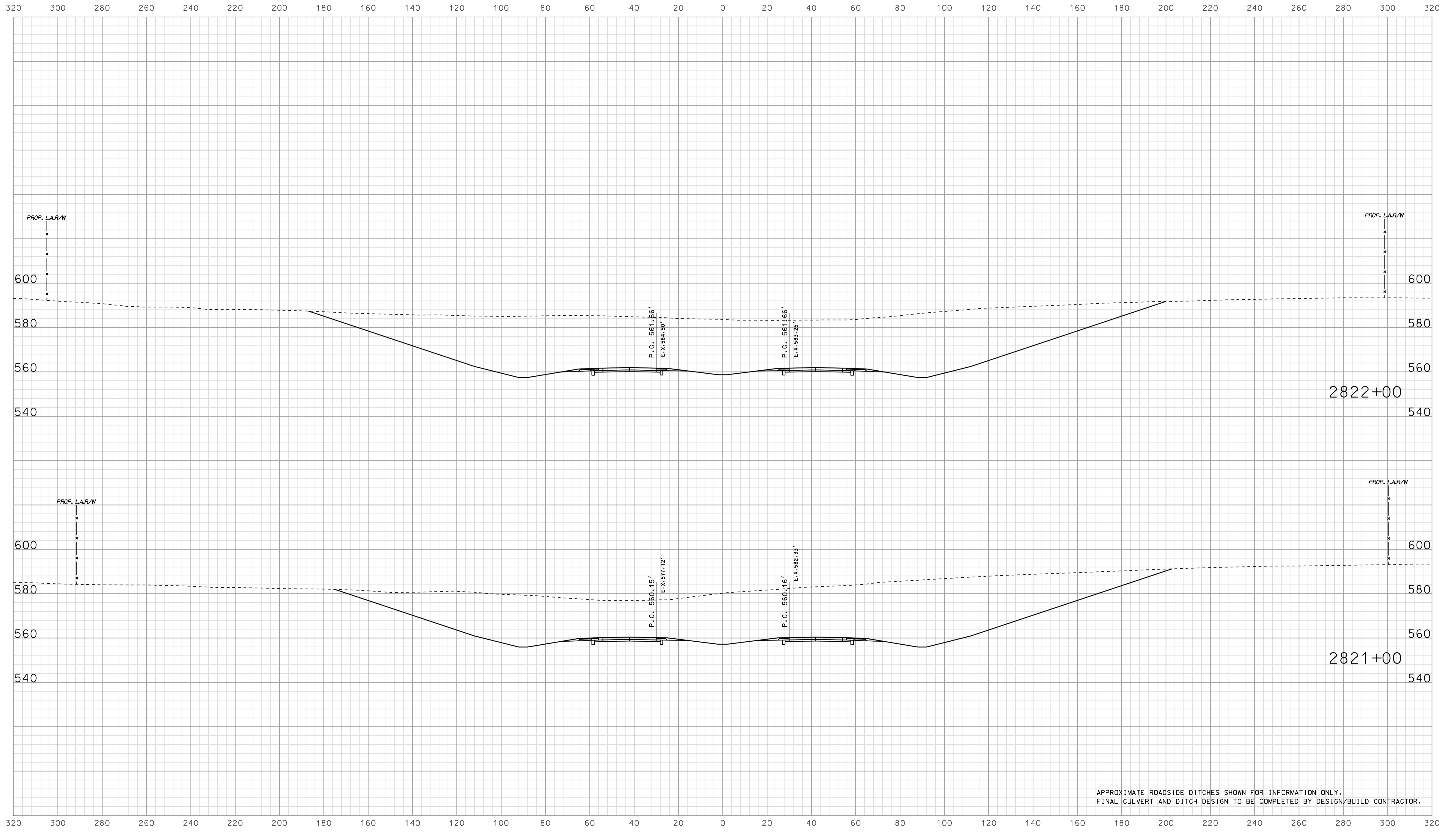
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/02  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-79	SHEET NO. 223 of 373
CONTRACT IR-33051	PROJECT 0500445	



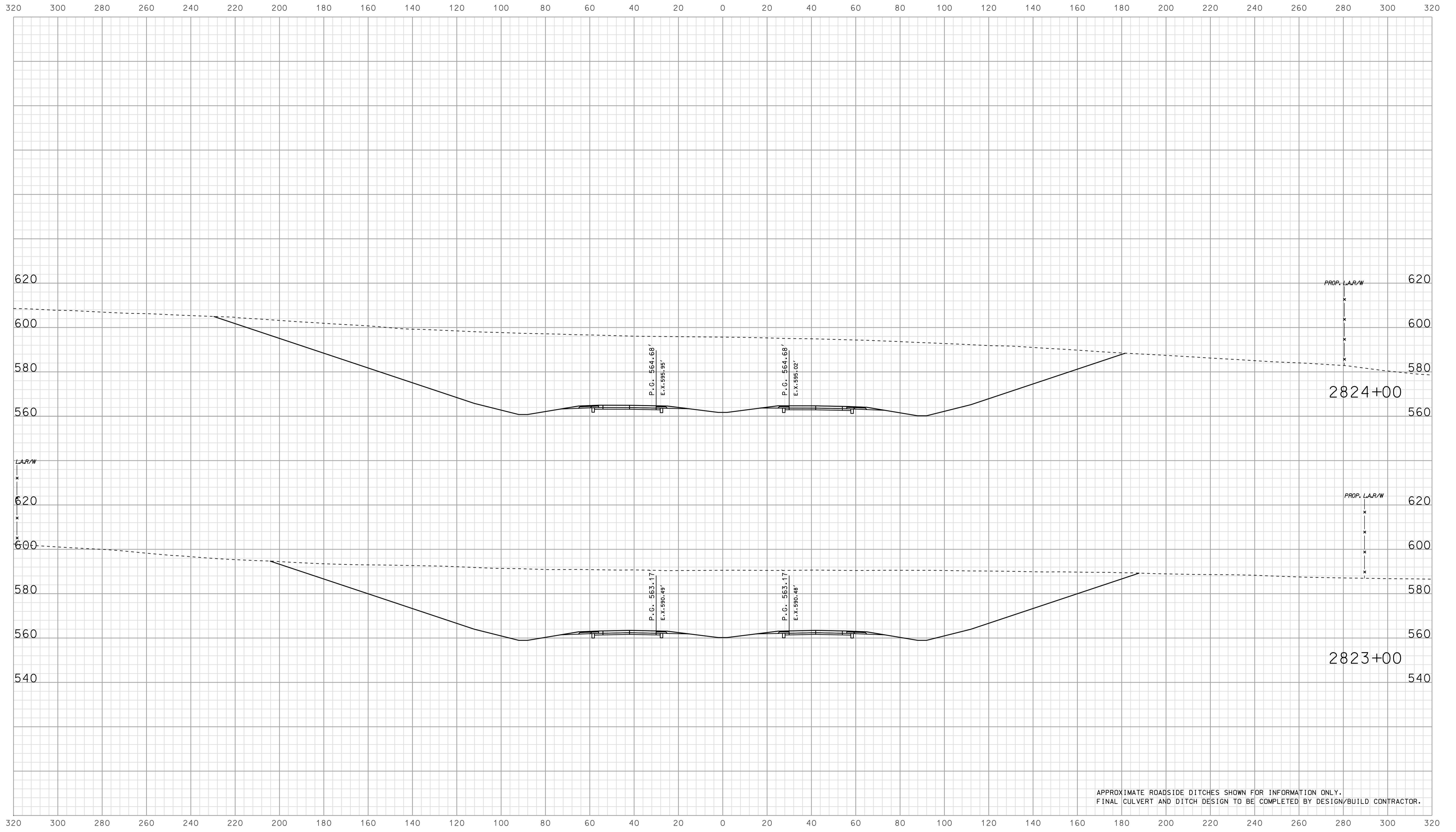
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/02  
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 2010

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-80	224 of 373	
IR-33051	PROJECT	0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

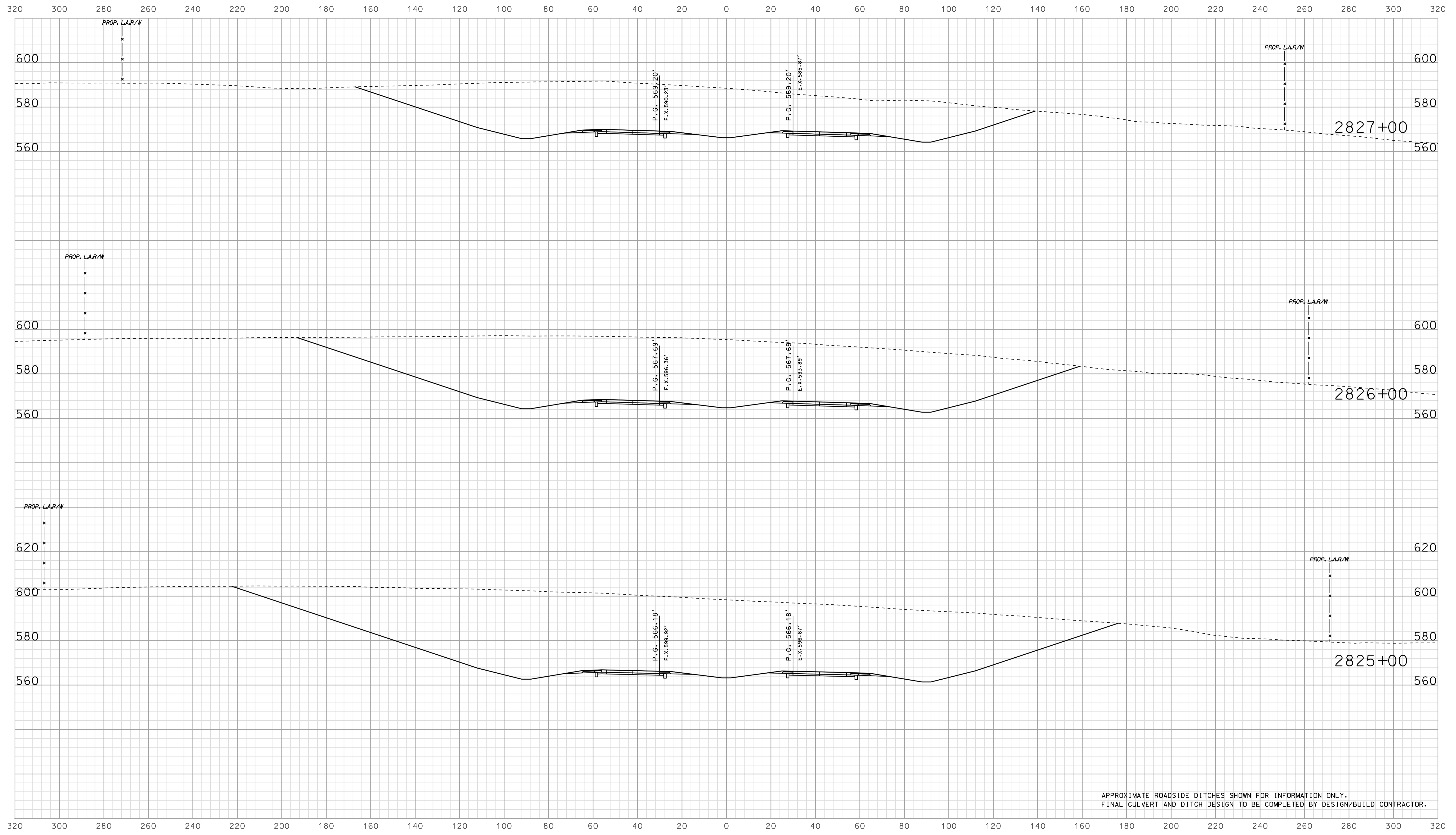
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-81	225 of 373	
IR-33051	PROJECT	0500445	





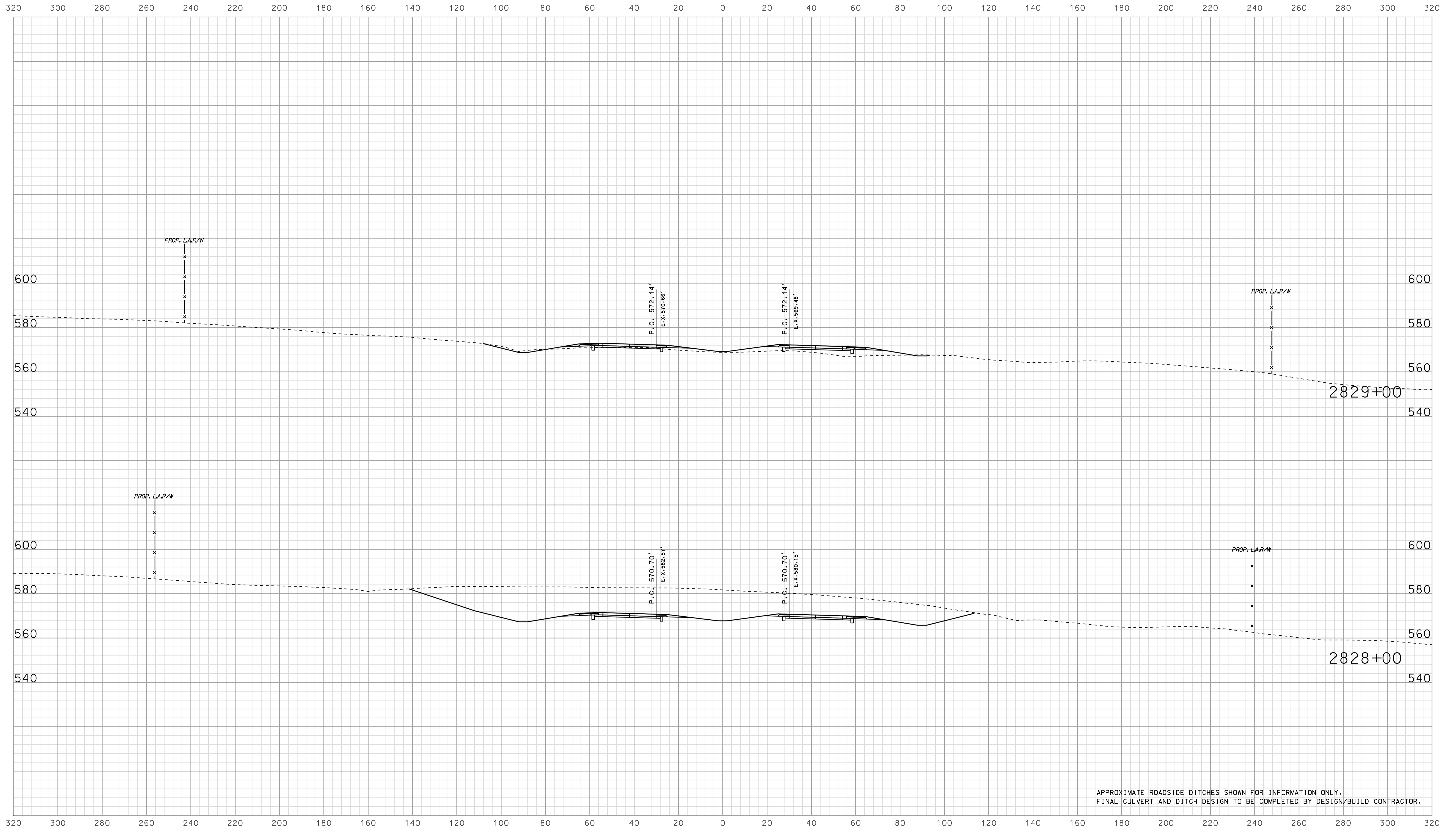
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/03/2010  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-82	226 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	



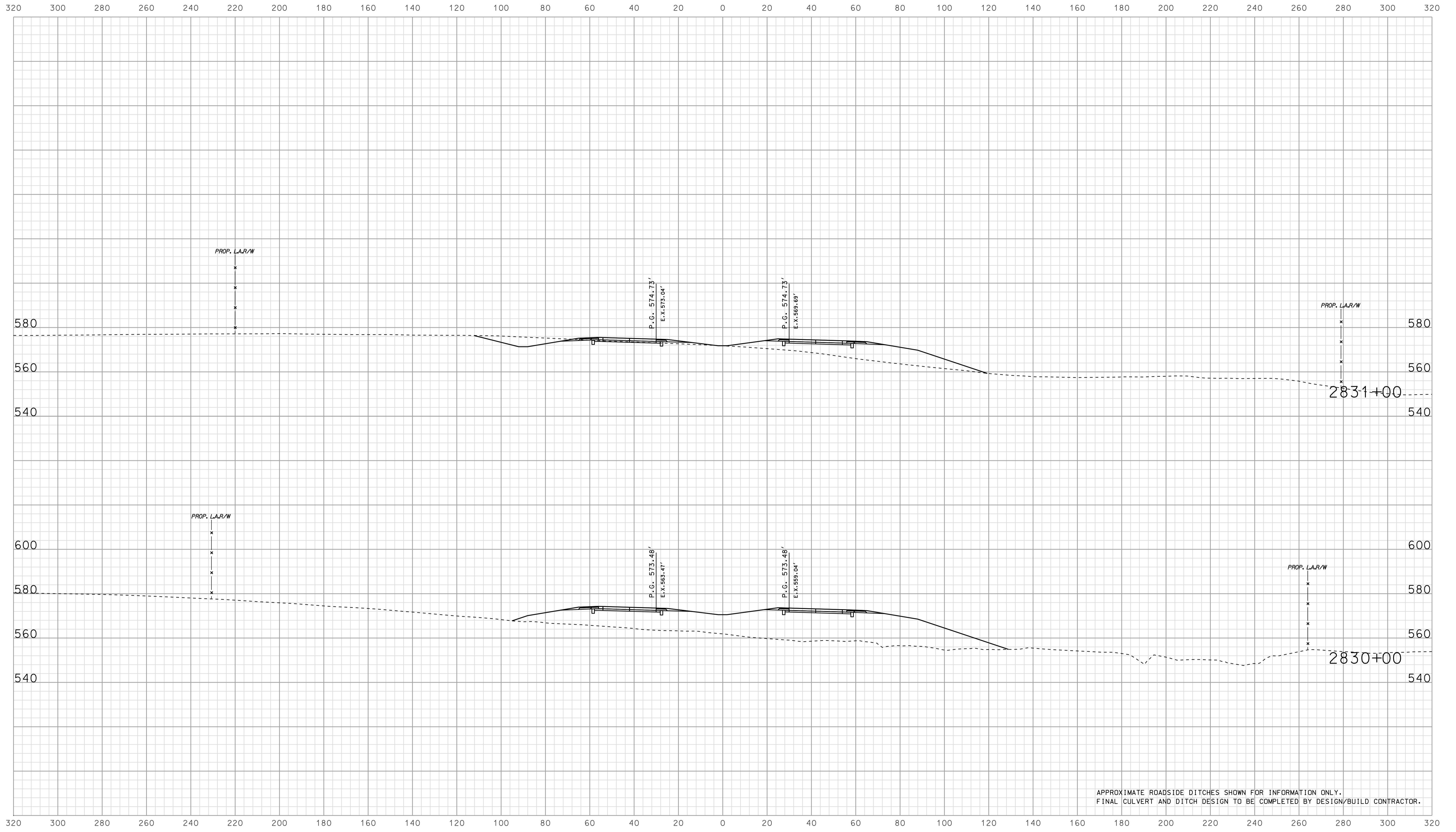
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/03  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-83	227 of 373	
IR-33051	PROJECT	0500445	



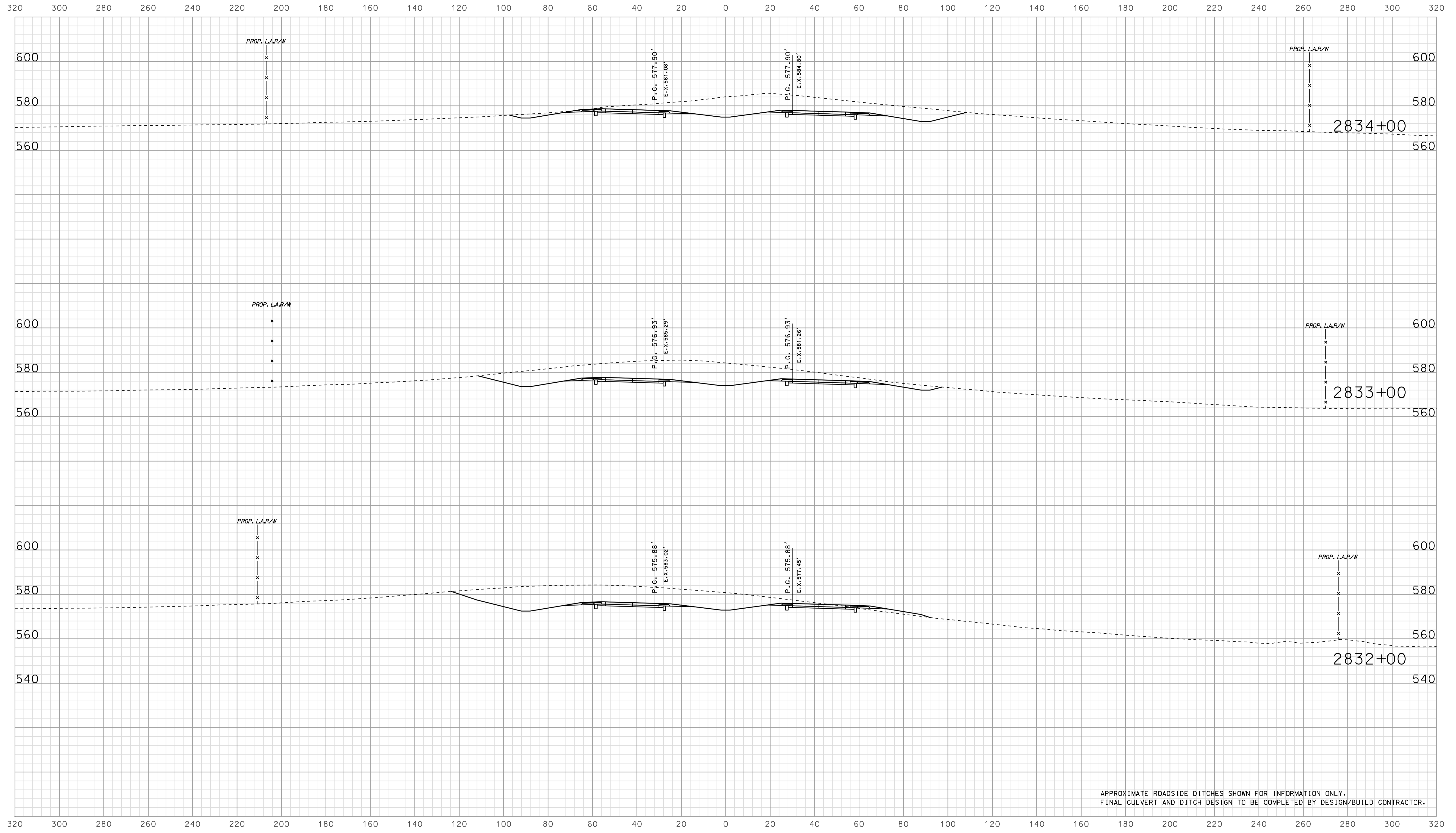
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/03  
 2010  
 025A5E6135084.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-84	SHEET NO. 228 of 373
CONTRACT IR-33051	PROJECT 0500445	



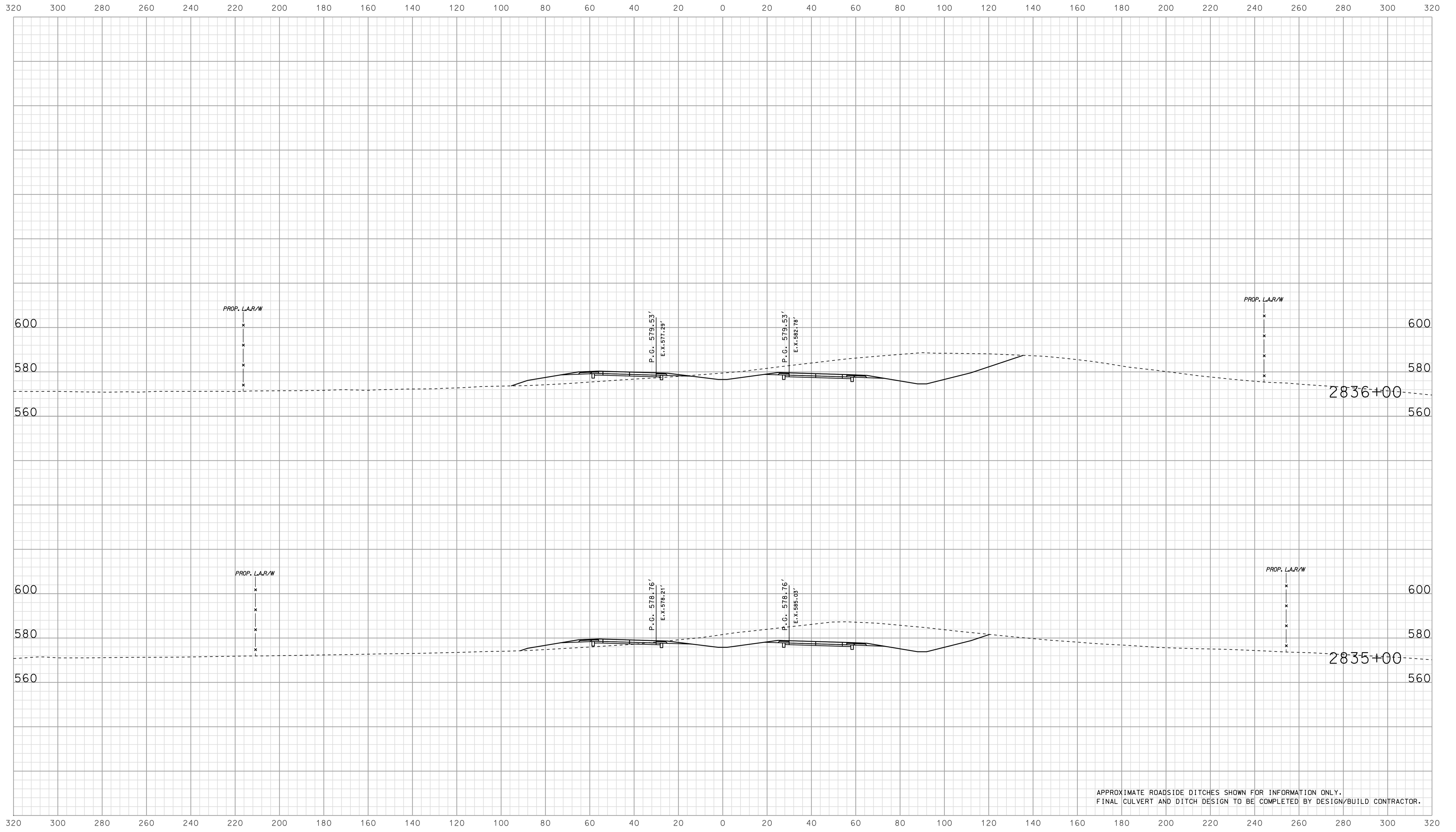
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
 FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/03  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-85	229 of 373	
IR-33051	PROJECT	0500445	



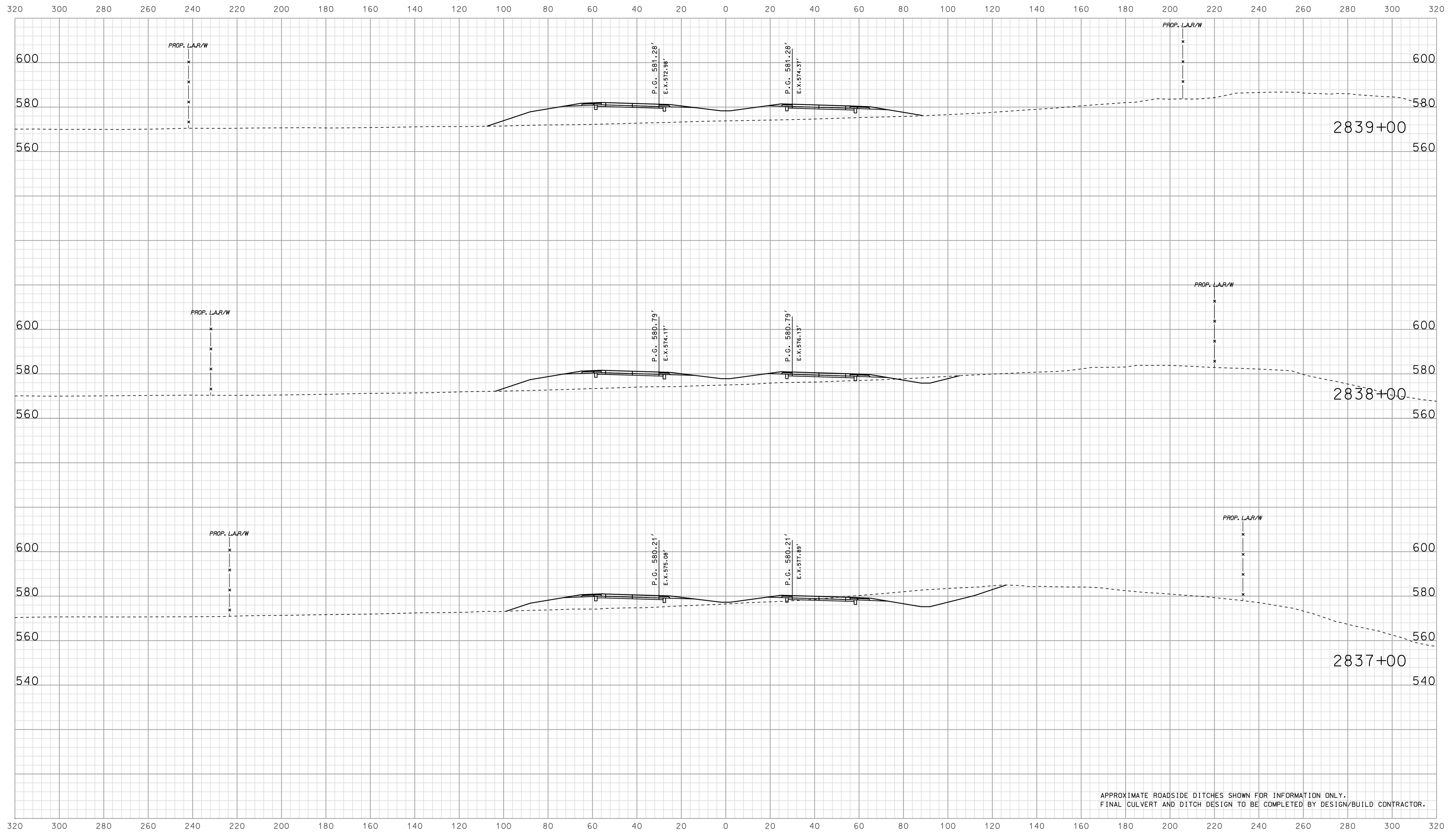
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/03  
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 2010

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

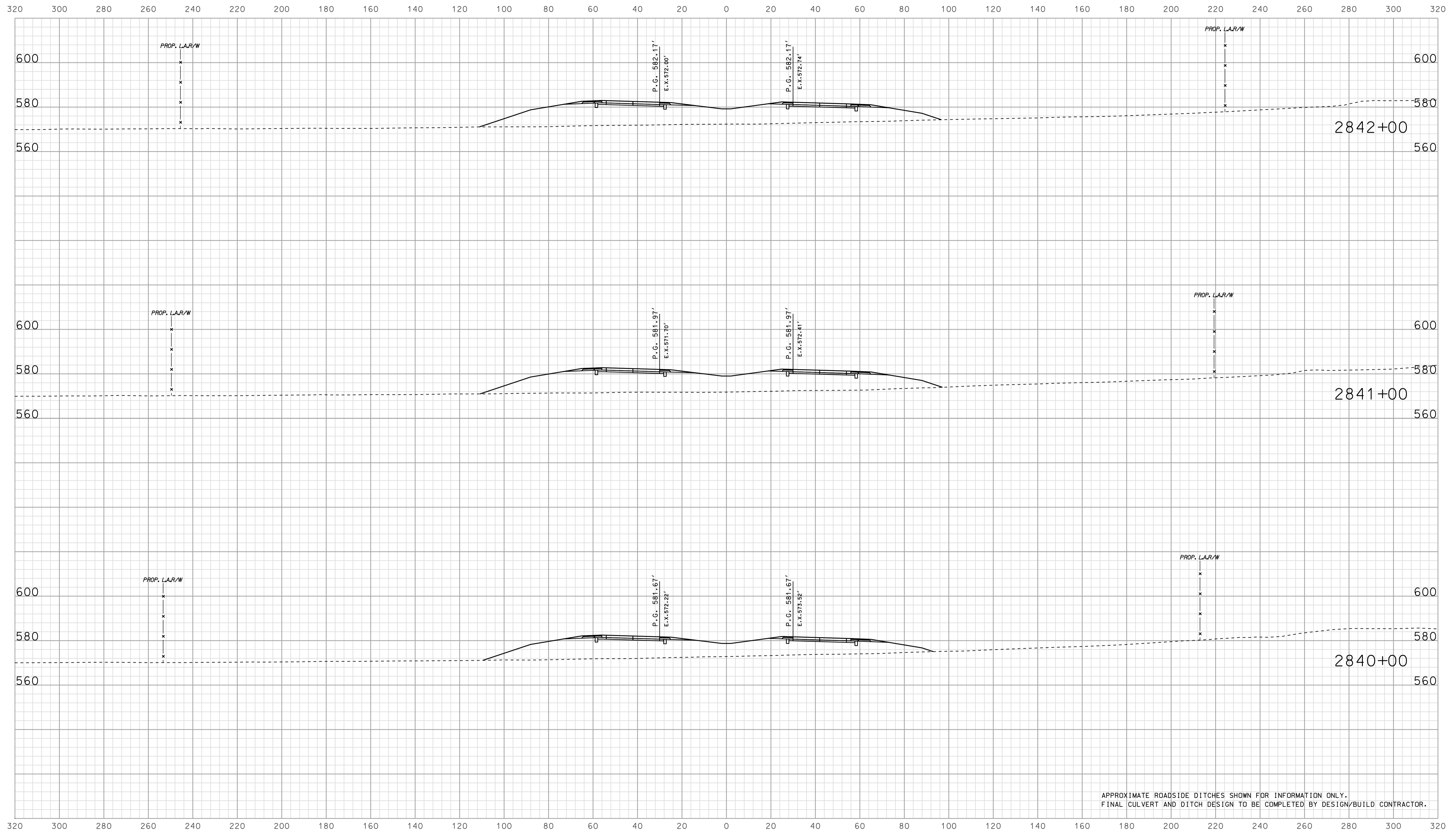
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1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-86	230 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/04  
 2010  
 025A5E613X508T.dgn  
 P:\P\025A5E613X508T.dgn

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER		DATE		INDIANA DEPARTMENT OF TRANSPORTATION			HORIZONTAL SCALE		BRIDGE FILE		
	DESIGNED: BJO		DRAWN: DH					1" = 20'		DESIGNATION		0500445
CHECKED: NOH		CHECKED: DMA		ROADWAY CROSS SECTIONS LINE "A"			SURVEY BOOK		DWG. NO.		SHEET NO.	
							IR-33051		XS-87		231 of 373	
											0500445	

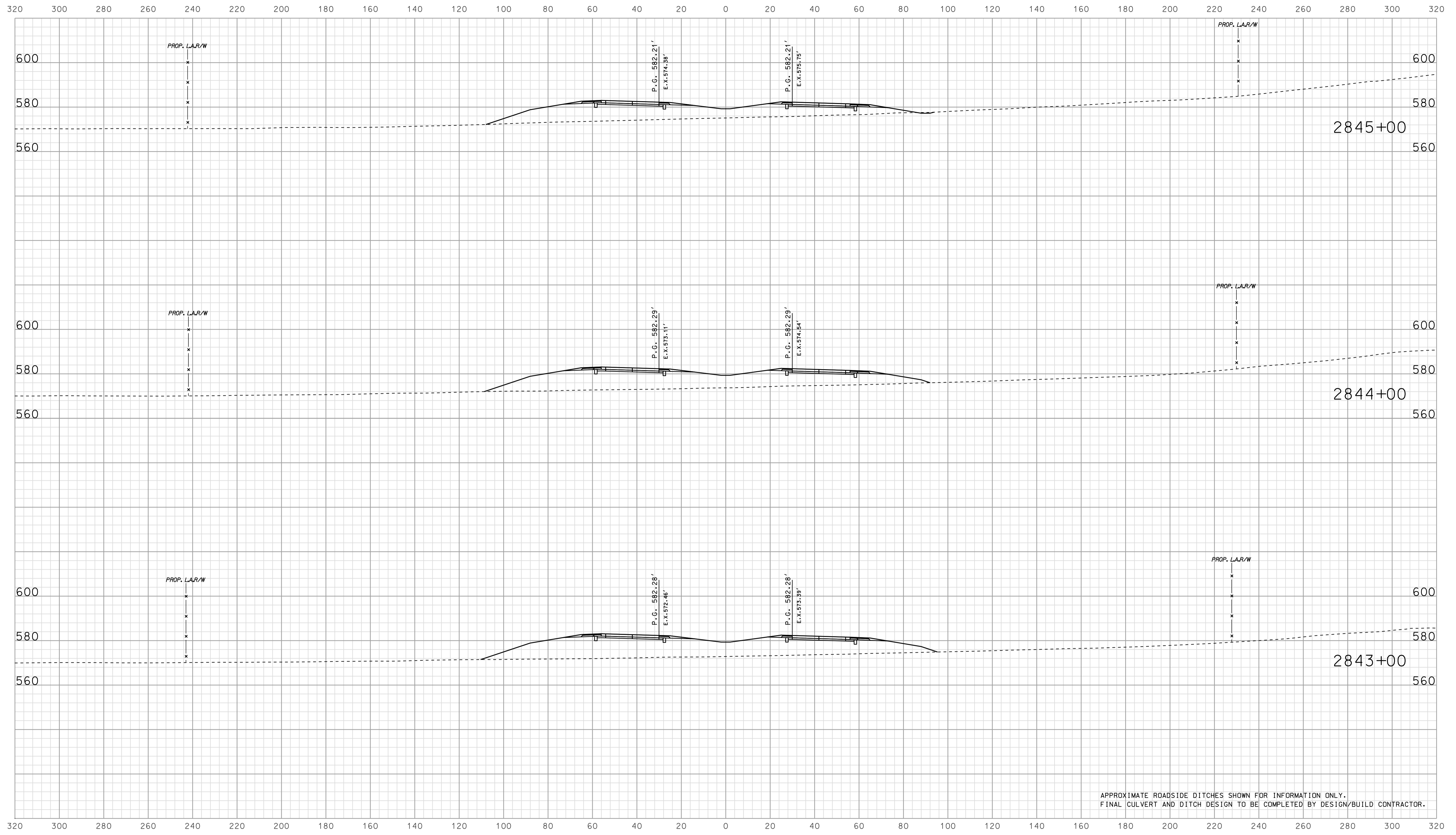


APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/04  
 IP\_PWP-816025A-SEGEI3X5088.dgn



	RECOMMENDED FOR APPROVAL		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
	DESIGN ENGINEER	DATE	ROADWAY CROSS SECTIONS LINE "A"		VERTICAL SCALE 1" = 20'	DESIGNATION 0500445
DESIGNED: <b>BJO</b>	DRAWN: <b>DH</b>			SURVEY BOOK	DWG. NO.	SHEET NO.
CHECKED: <b>NOH</b>	CHECKED: <b>DMA</b>			CONTRACT	XS-88	232 of 373
				IR-33051	PROJECT	0500445



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

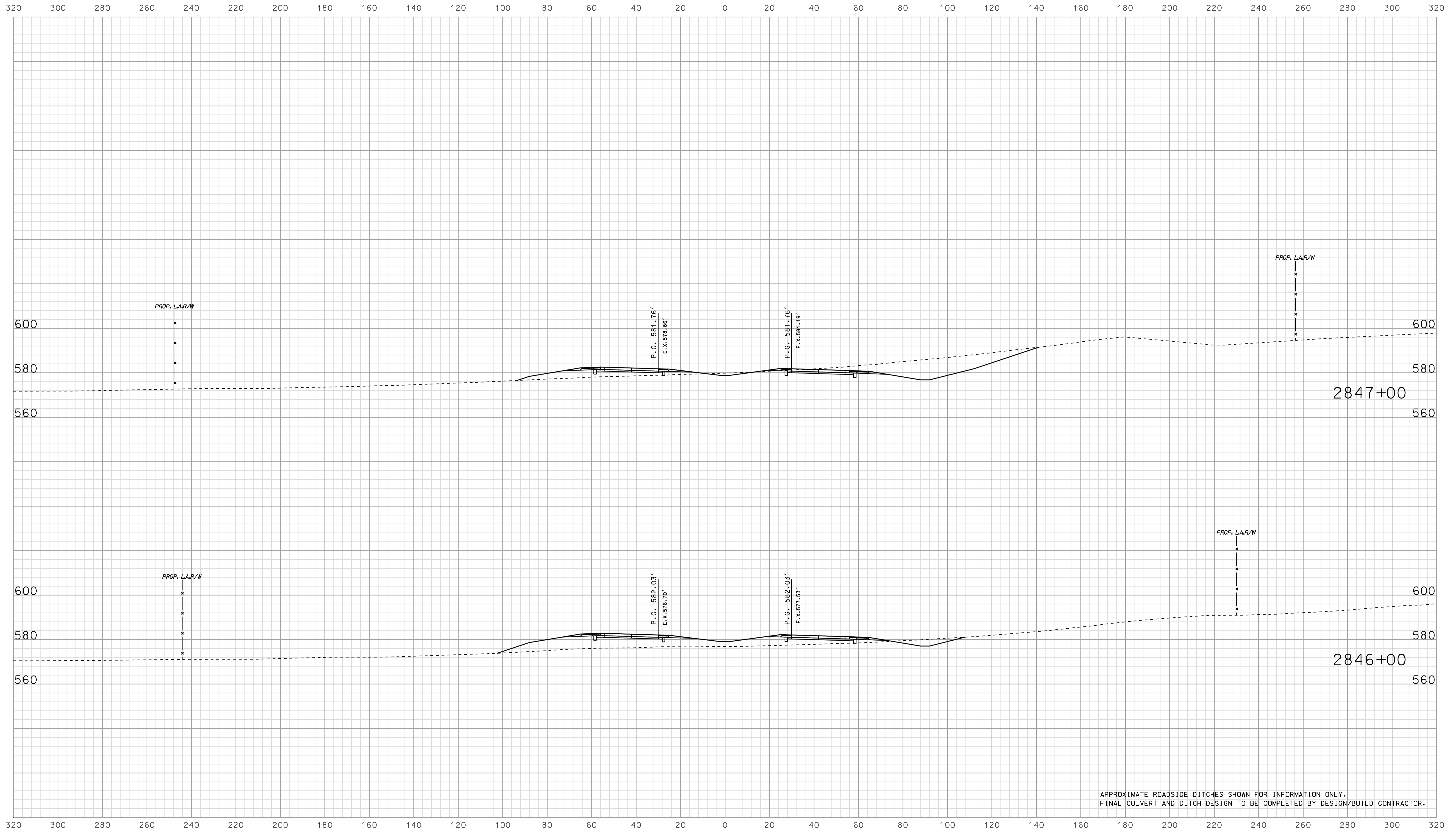
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-89	SHEET NO. 233 of 373
CONTRACT IR-33051	PROJECT 0500445	





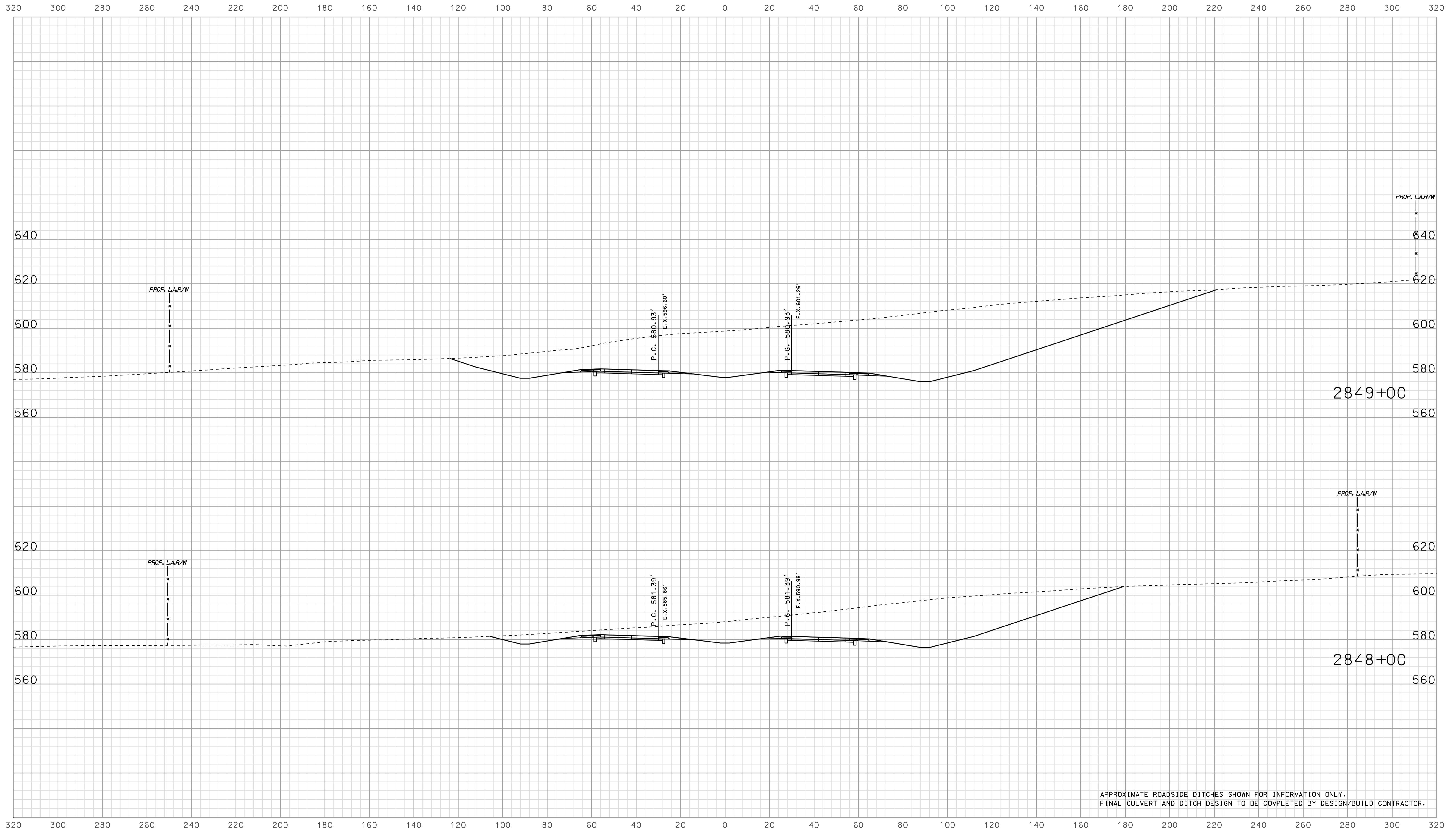
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
 FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/04  
 IP\_PWP\m025\FSE\GIS\05090.dgn  
 2010

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-90	SHEET NO. 234 of 373
CONTRACT IR-33051	PROJECT 0500445	

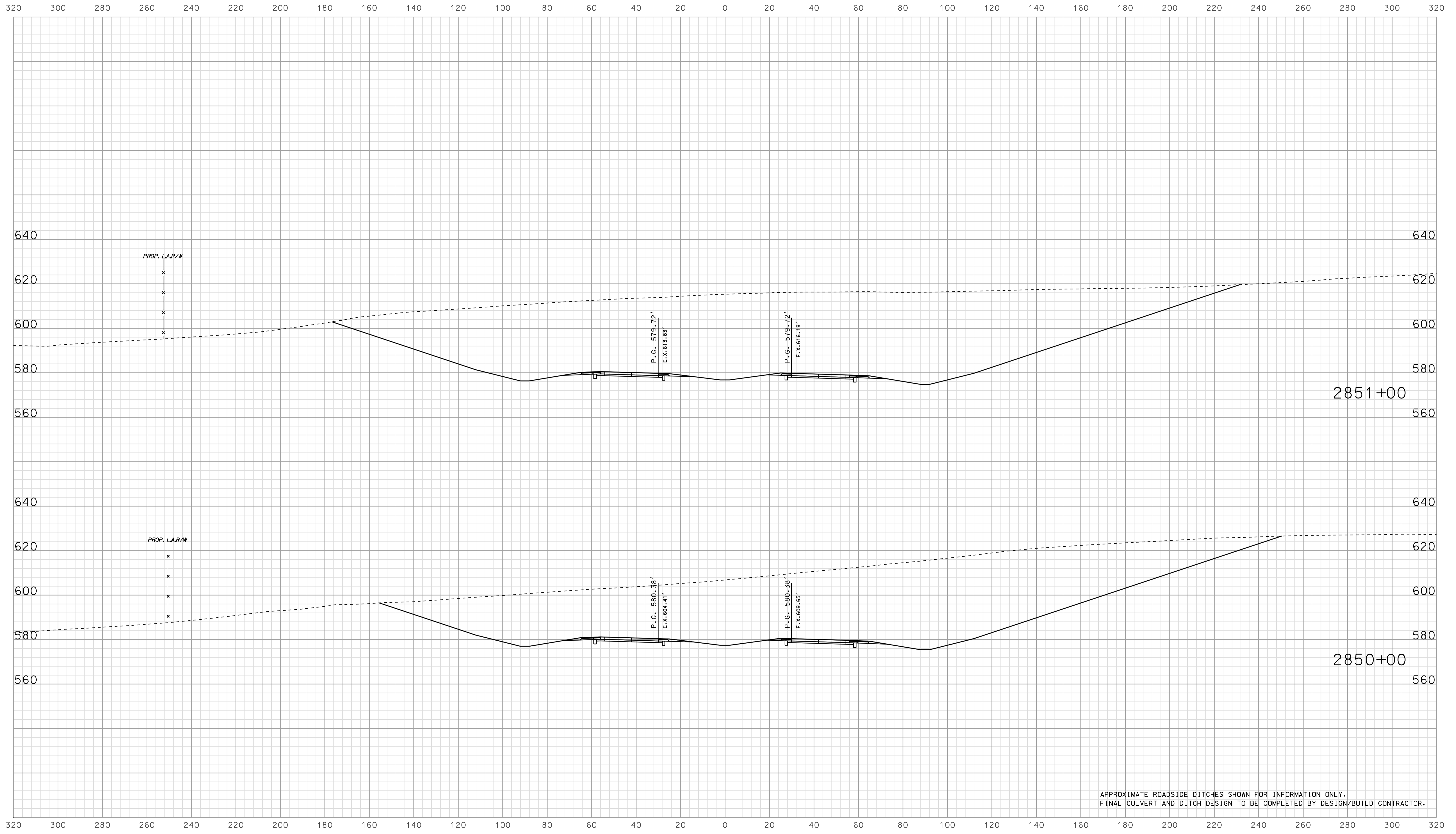


09/04  
 IP\_PWP\m025\FSE\GIS\091.dgn  
 2010

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH		
CHECKED: NOH	CHECKED: DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-91	SHEET NO. 235 of 373
CONTRACT IR-33051	PROJECT 0500445	



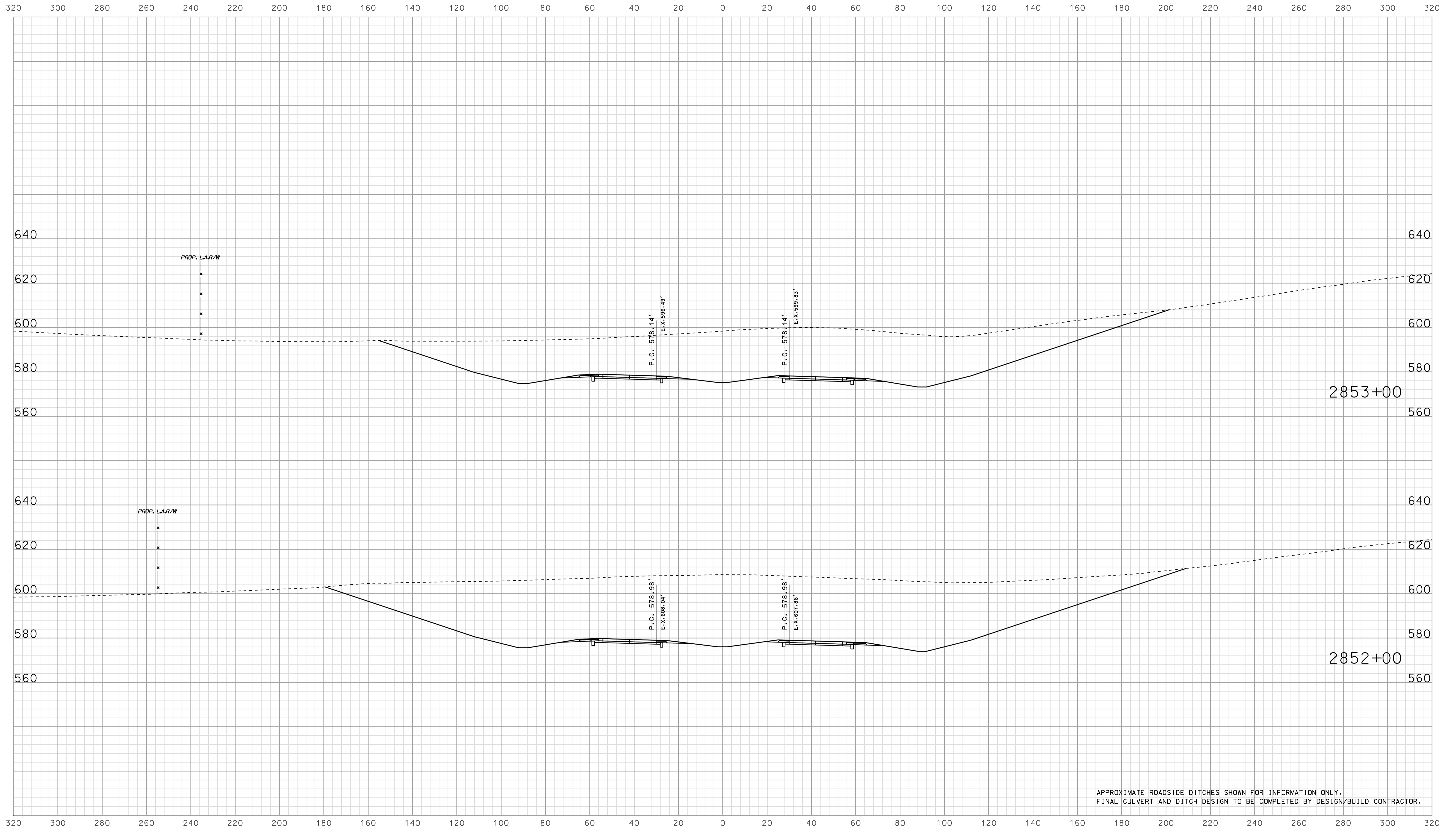
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/04  
 2010  
 025A5E5G135092.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-92	SHEET NO. 236 of 373
CONTRACT IR-33051	PROJECT 0500445	



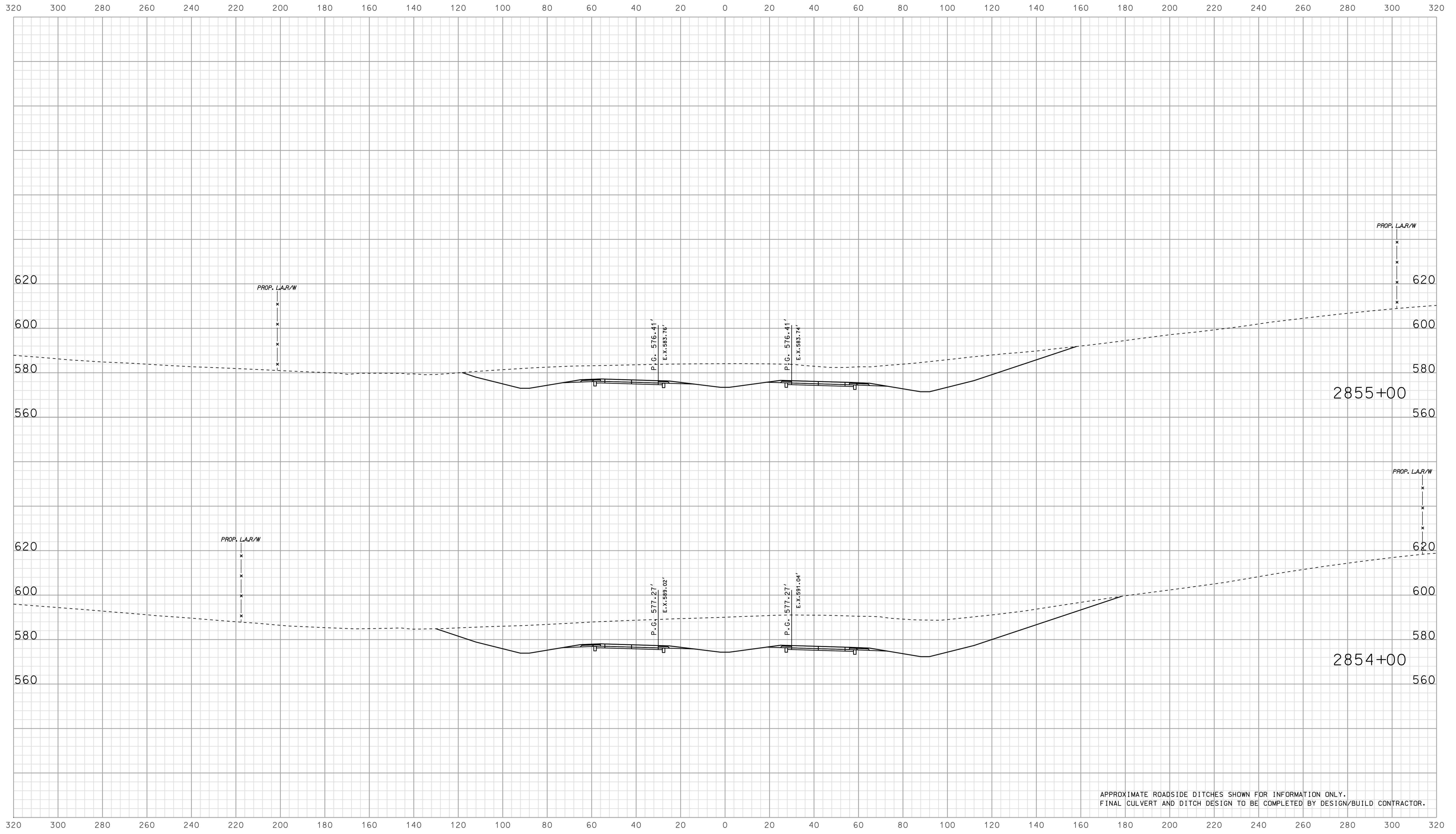
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/04  
 IP\_PWP-IR-33051-ASEG13X5093.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-93	237 of 373	
PROJECT		0500445	



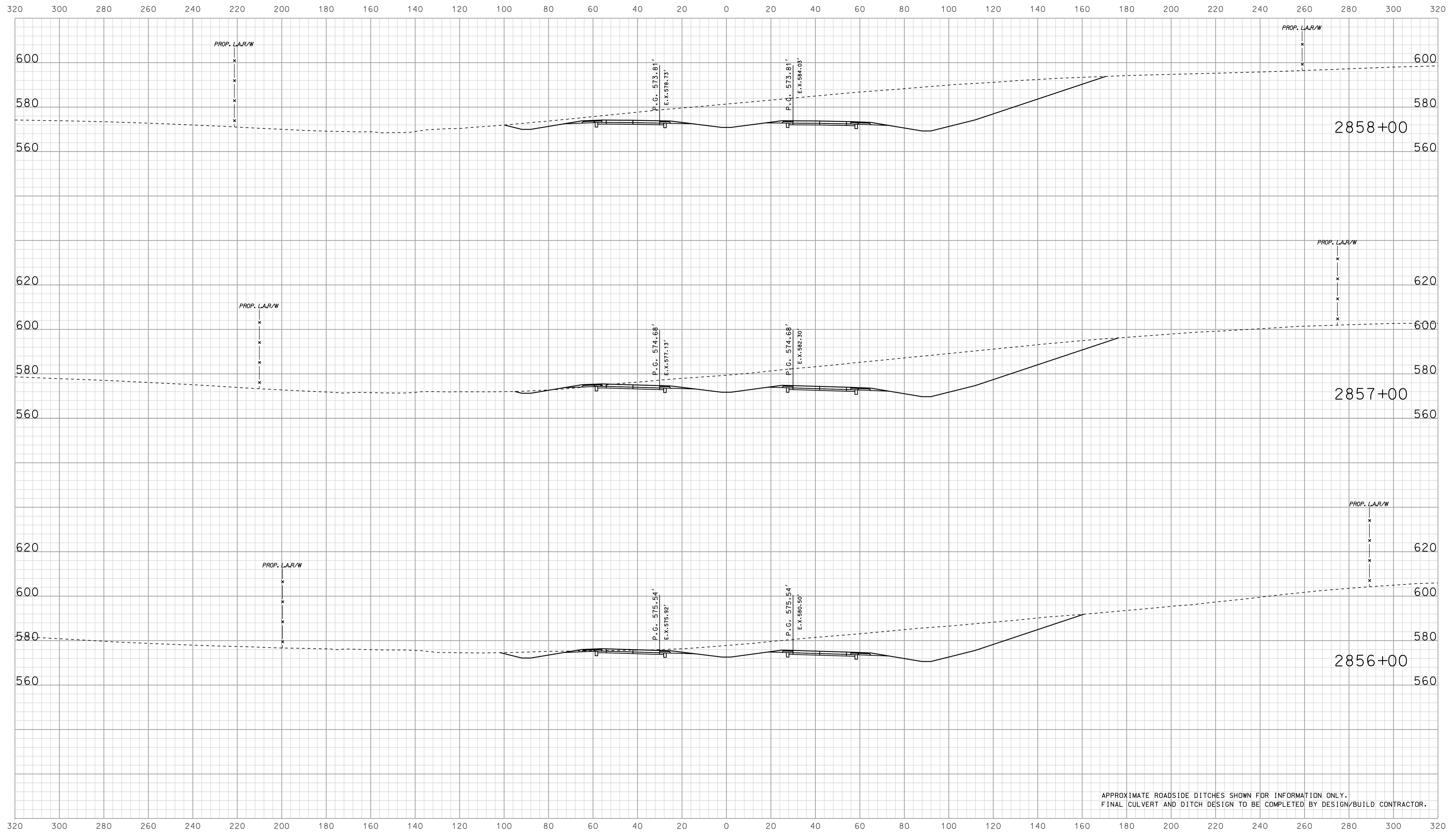
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/04  
 2010  
 025A\FSE\GIS\094.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NDH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
1" = 20'	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-94	238 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



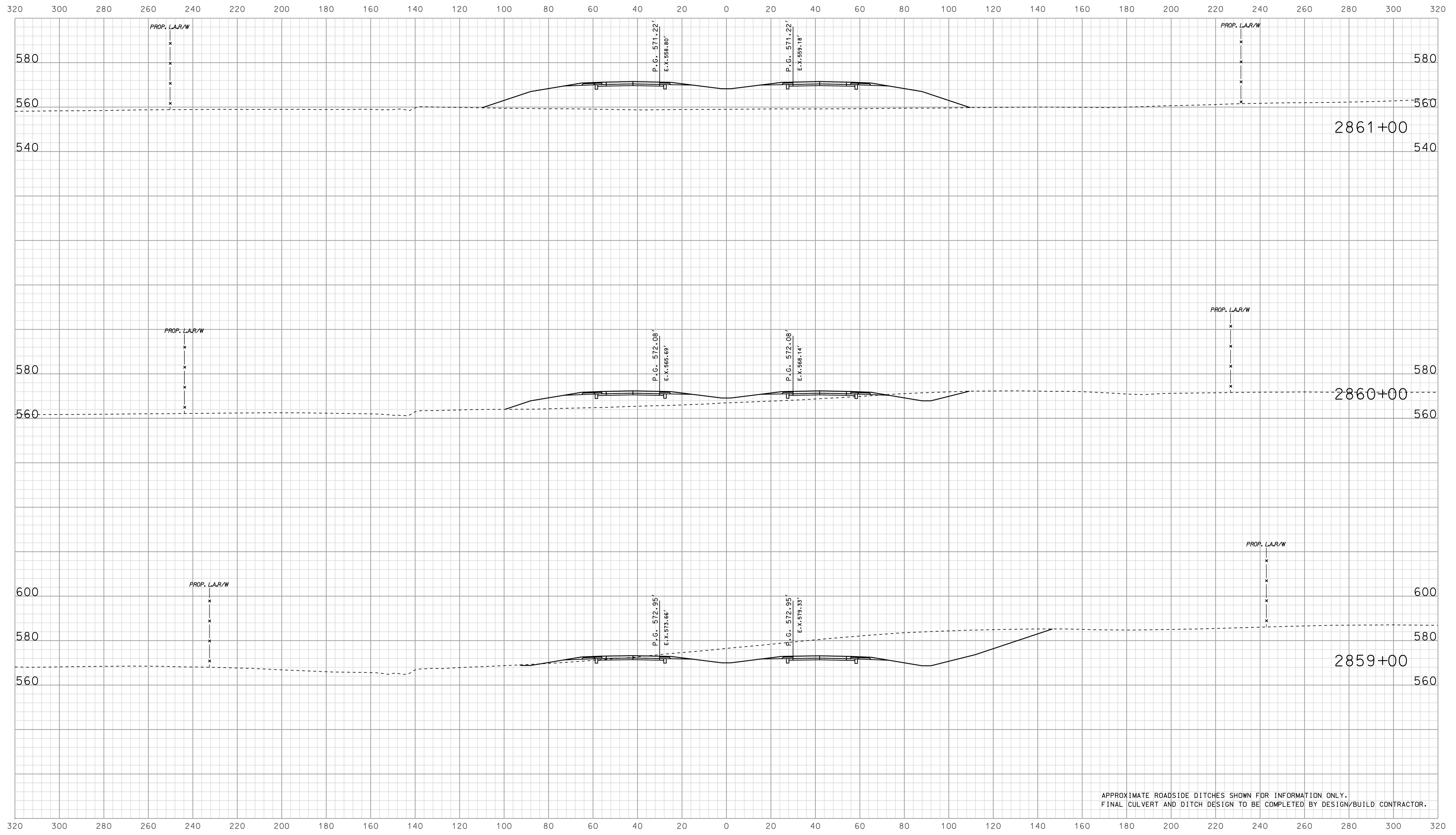
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/05  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-95	239 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	



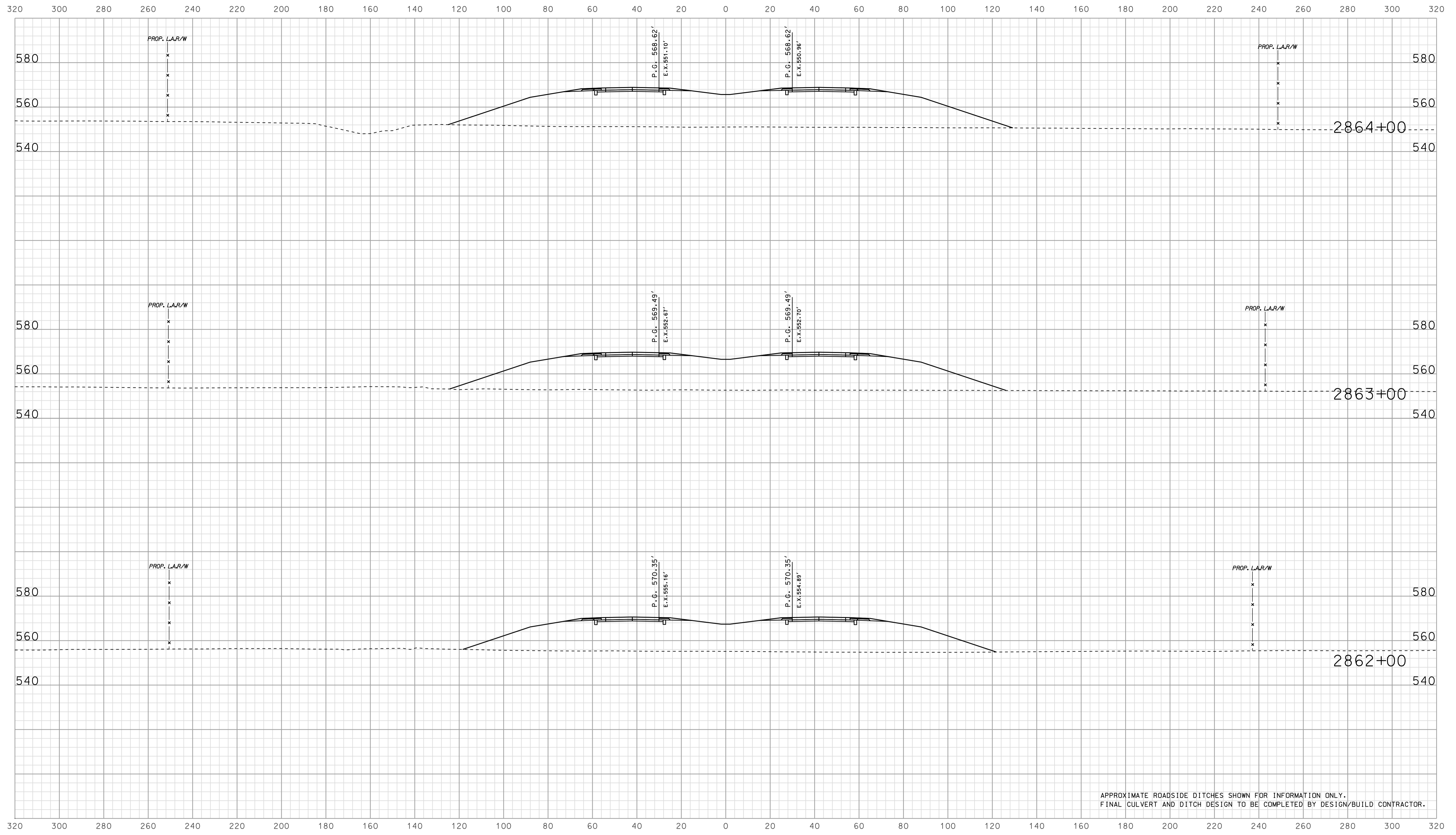
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FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/05/2010  
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: <b>BJO</b>	DRAWN: <b>DH</b>		
CHECKED: <b>NOH</b>	CHECKED: <b>DMA</b>		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-96	SHEET NO. 240 of 373
CONTRACT IR-33051	PROJECT 0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

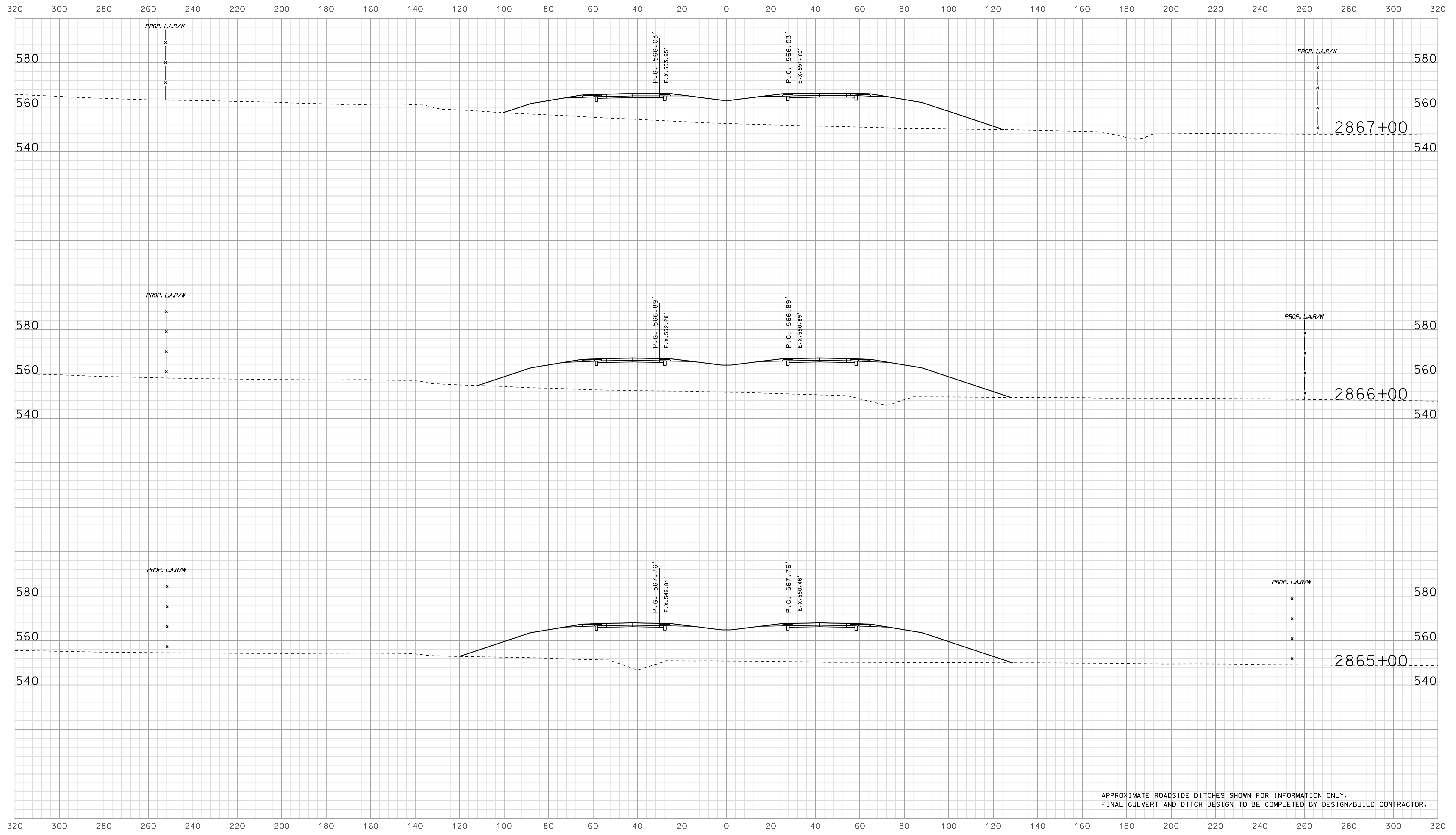
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-97	241 of 373	
IR-33051	PROJECT	0500445	





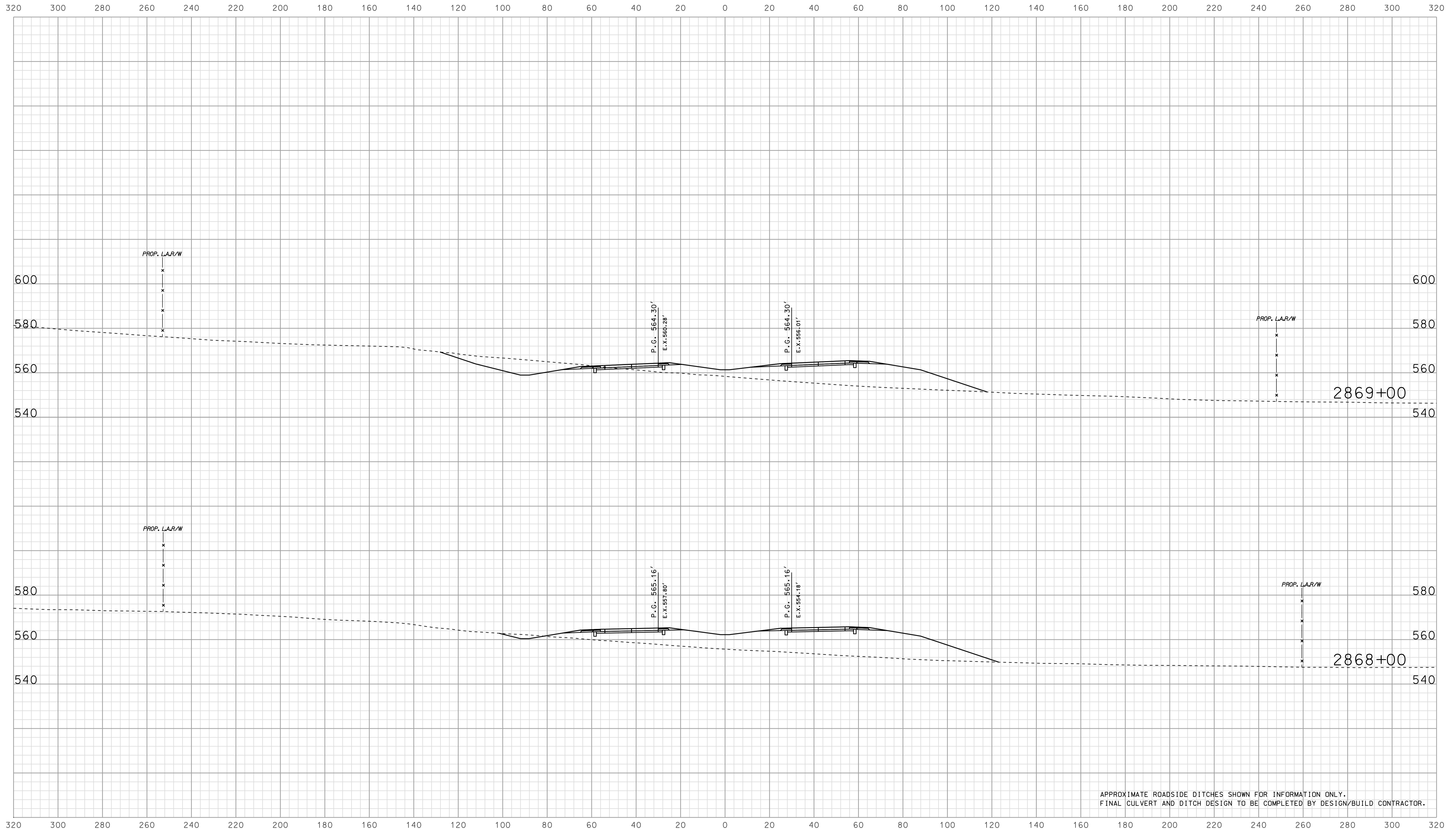
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FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/05  
 IP\_P:\P\10025\ASEG\3\509B.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-98	242 of 373	
PROJECT		PROJECT	
		0500445	



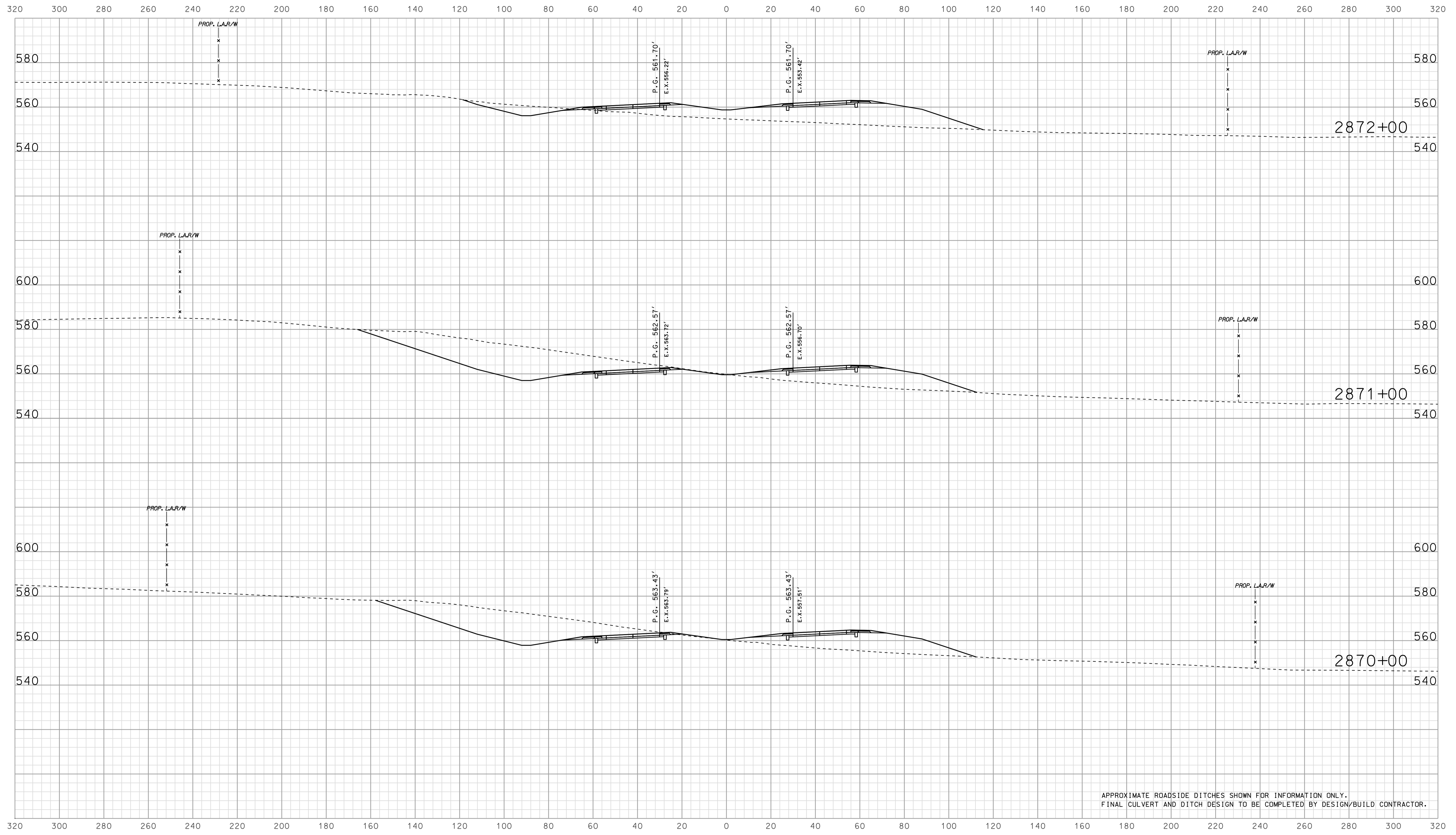
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/05  
 IP\_PWP\m025\FSE\GIS\0909.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-99	243 of 373	
IR-33051	PROJECT	0500445	



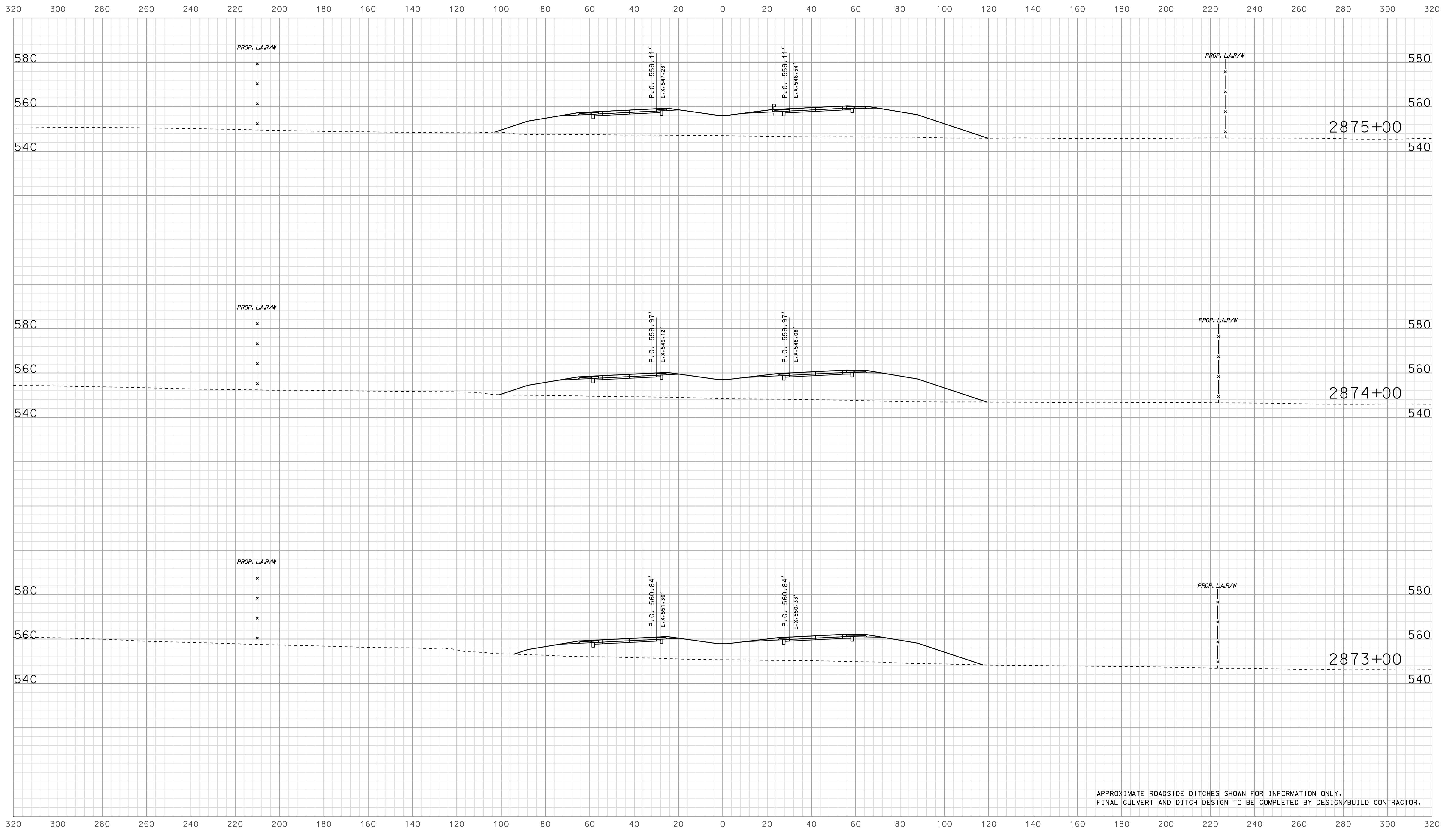
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FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/05  
 2010  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH		
CHECKED: NOH	CHECKED: DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-100	SHEET NO. 244 of 373
CONTRACT IR-33051	PROJECT 0500445	



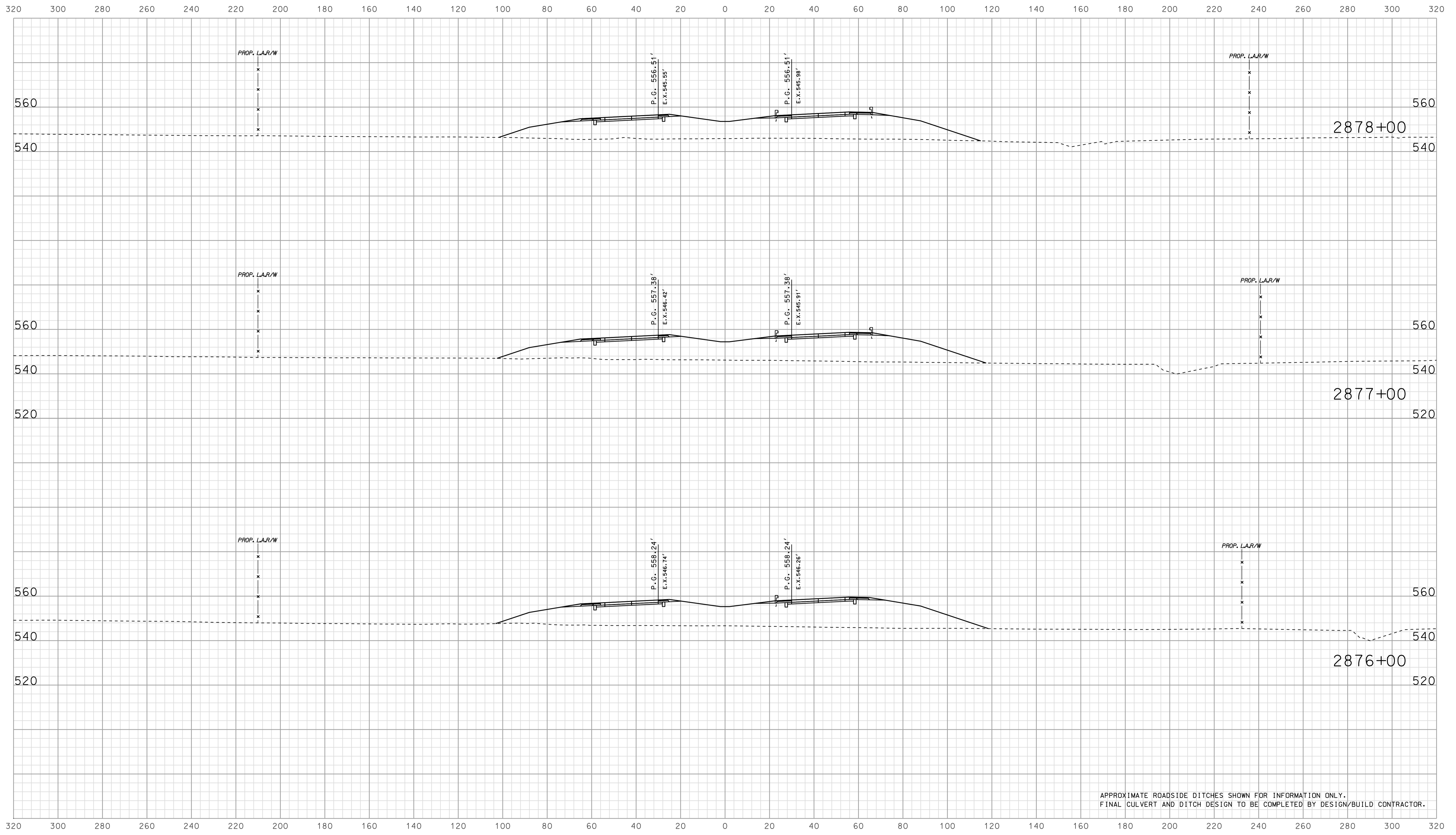
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/05  
 10/10/2010  
 IP\_PWP-810025A-SEGE3X3S01.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
1" = 20'	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	XS-101	245 of 373
CONTRACT		PROJECT
IR-33051		0500445



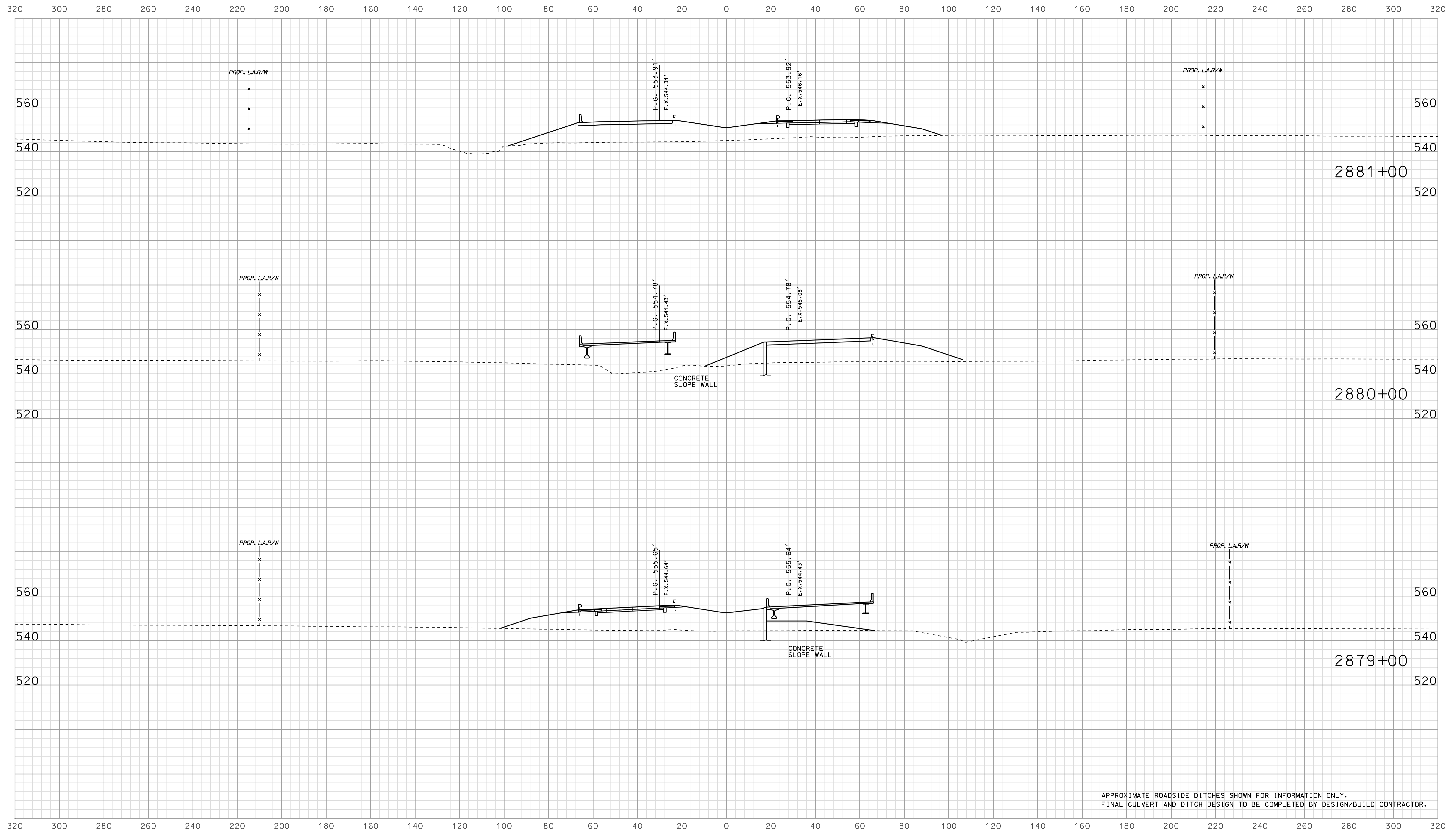
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/05  
 IP\_PWP-IR-33051-ASEG13X102.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-102	246 of 373
	PROJECT 0500445	



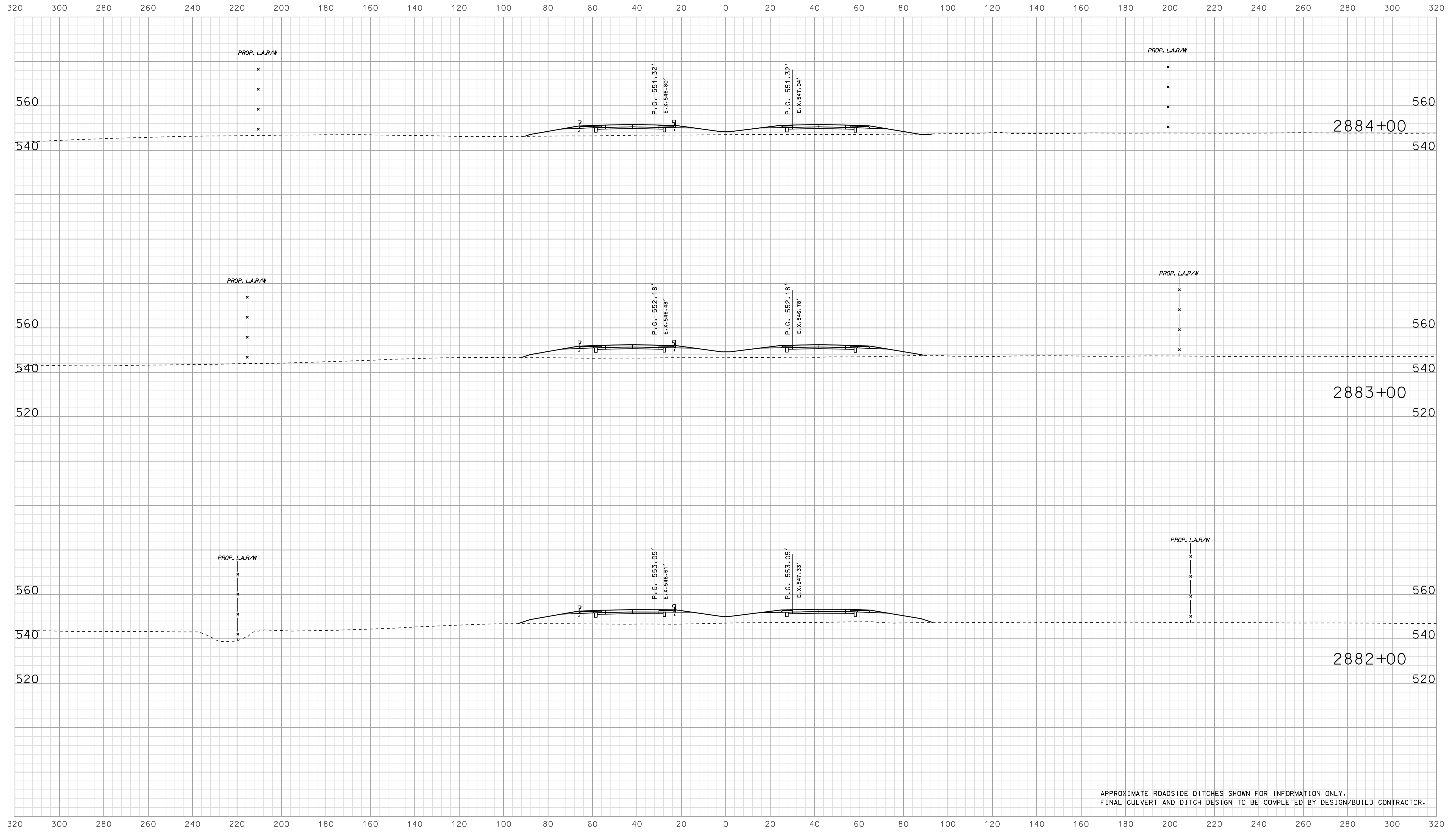
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

0906  
 2010  
 IP\_PWP-IR-33051-ASEG13X103.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-103	247 of 373
	PROJECT 0500445	



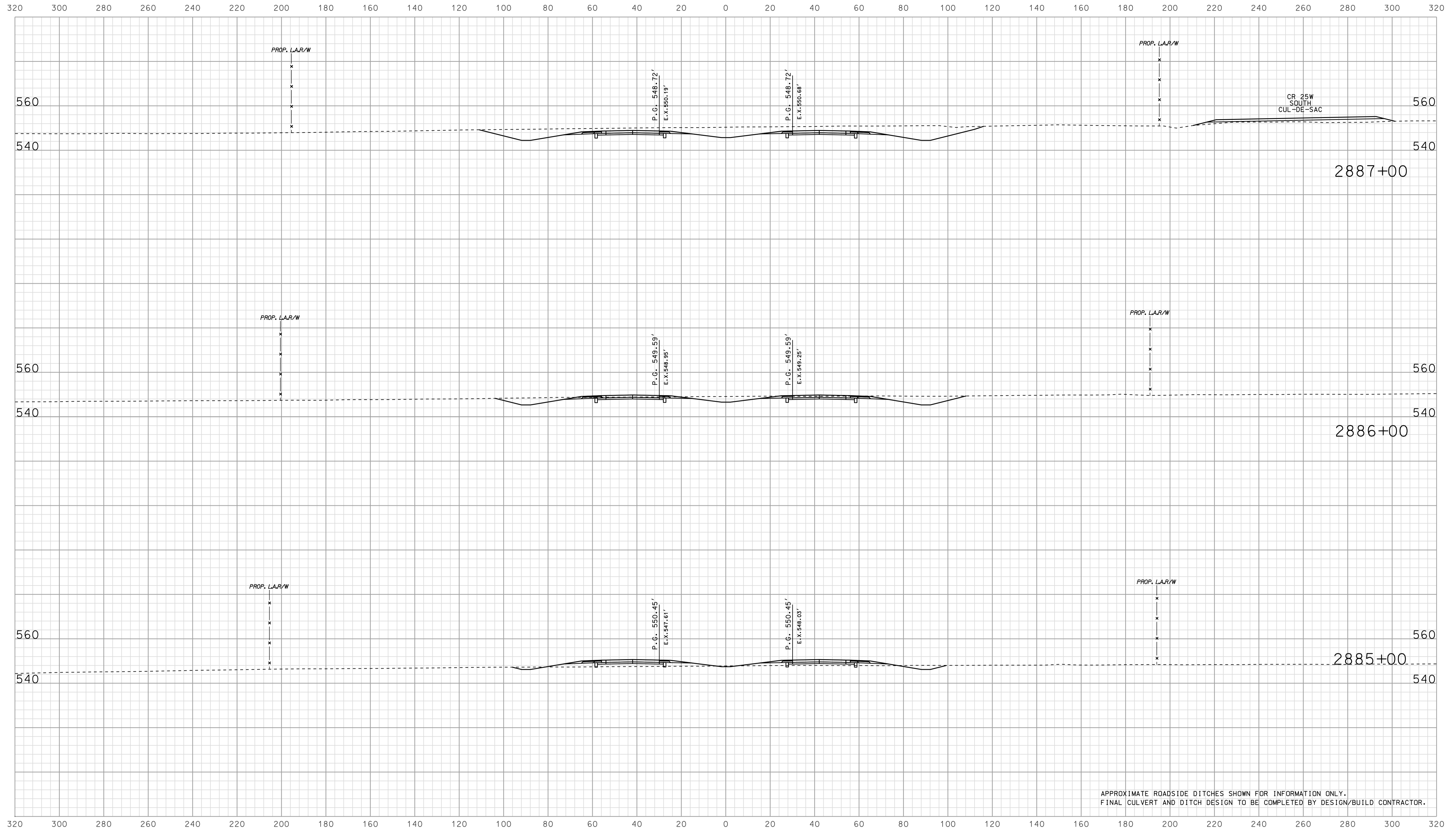
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

0906  
 2010  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-104	248 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

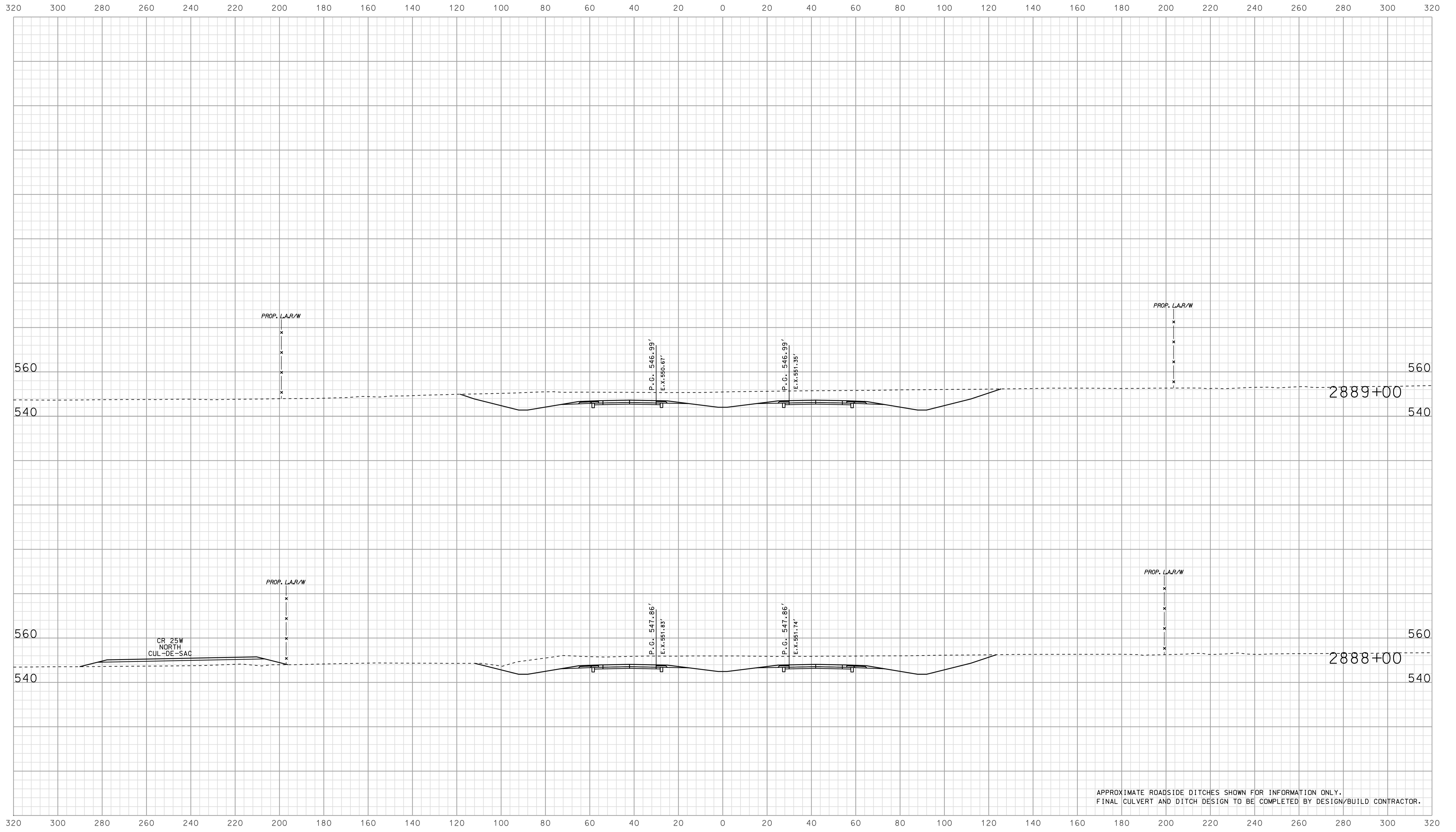
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-105	249 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	



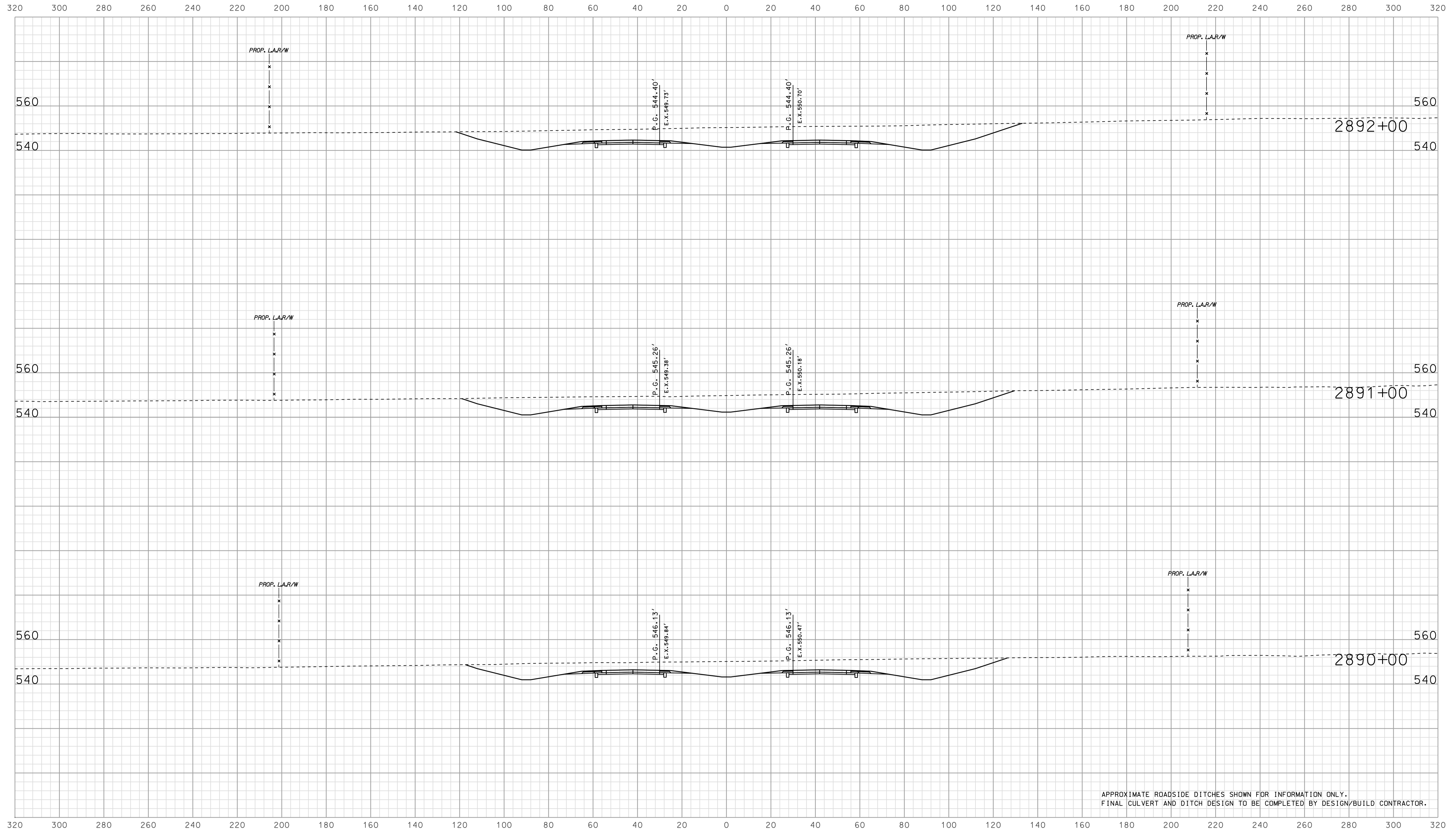


0906  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-106	250 of 373	
CONTRACT	PROJECT		
IR-33051	0500445		



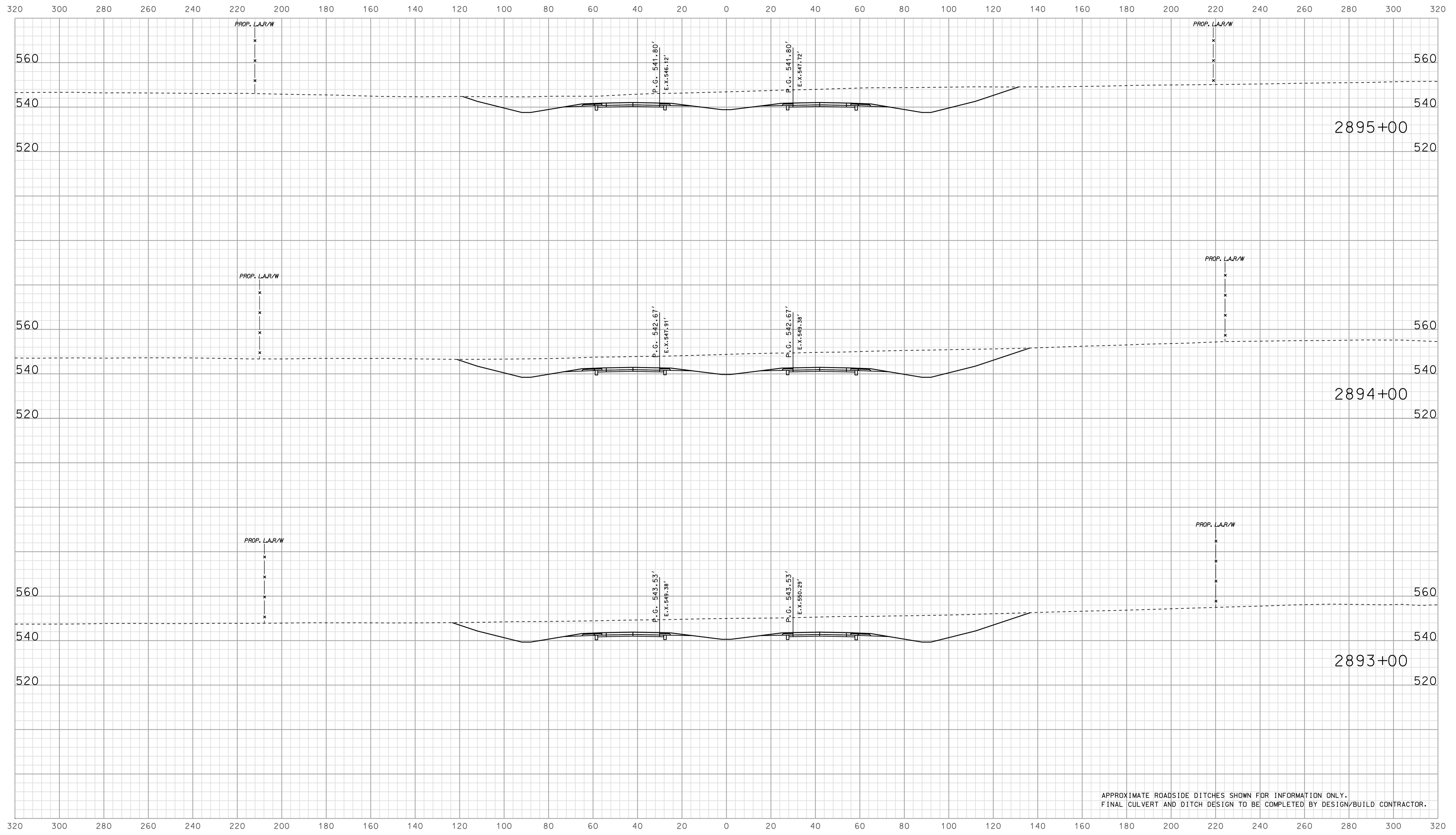
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

0906  
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 2010

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-107	251 of 373	
PROJECT		PROJECT	
0500445		0500445	



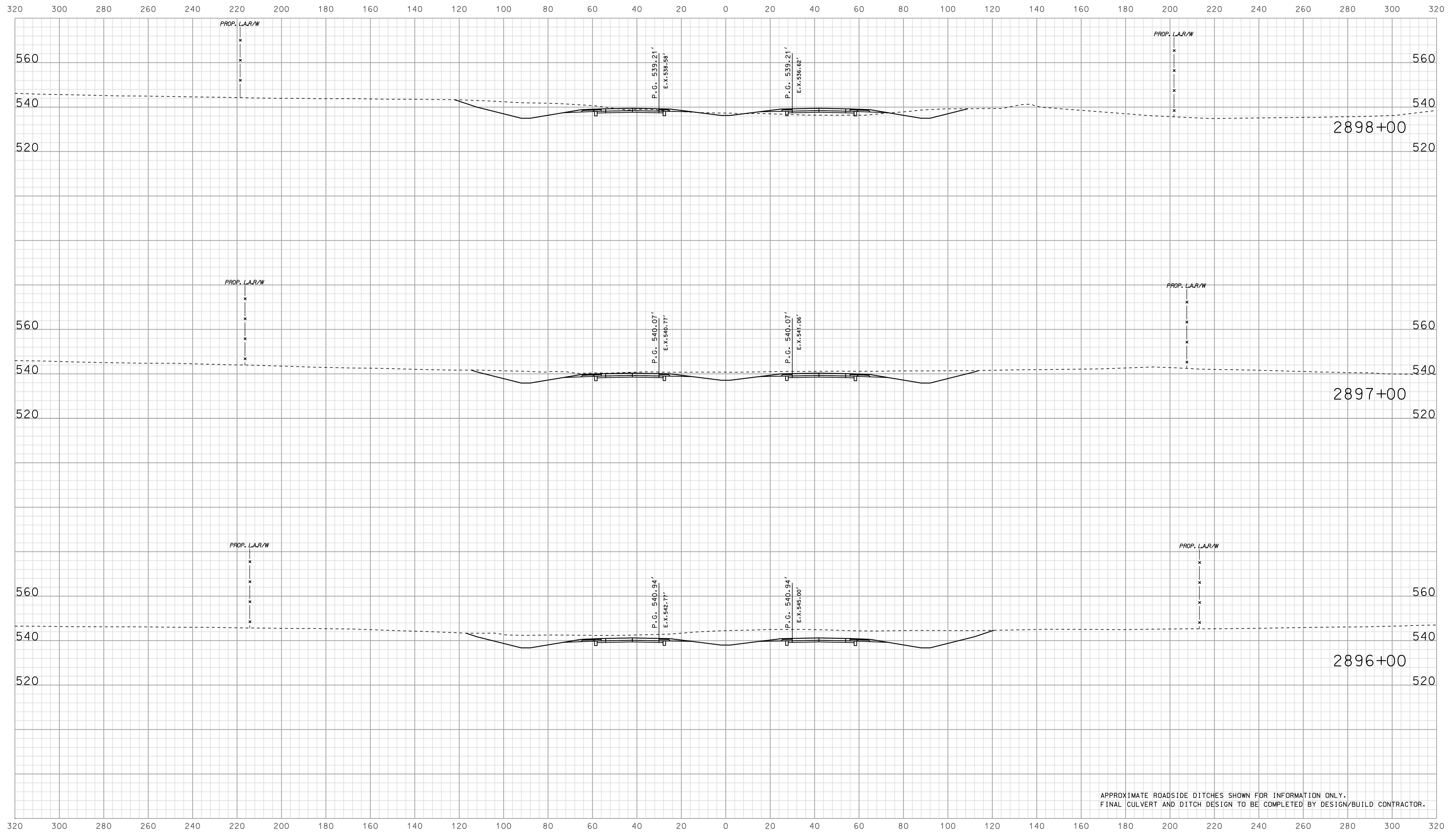
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

0906  
 2010  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-108	252 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	



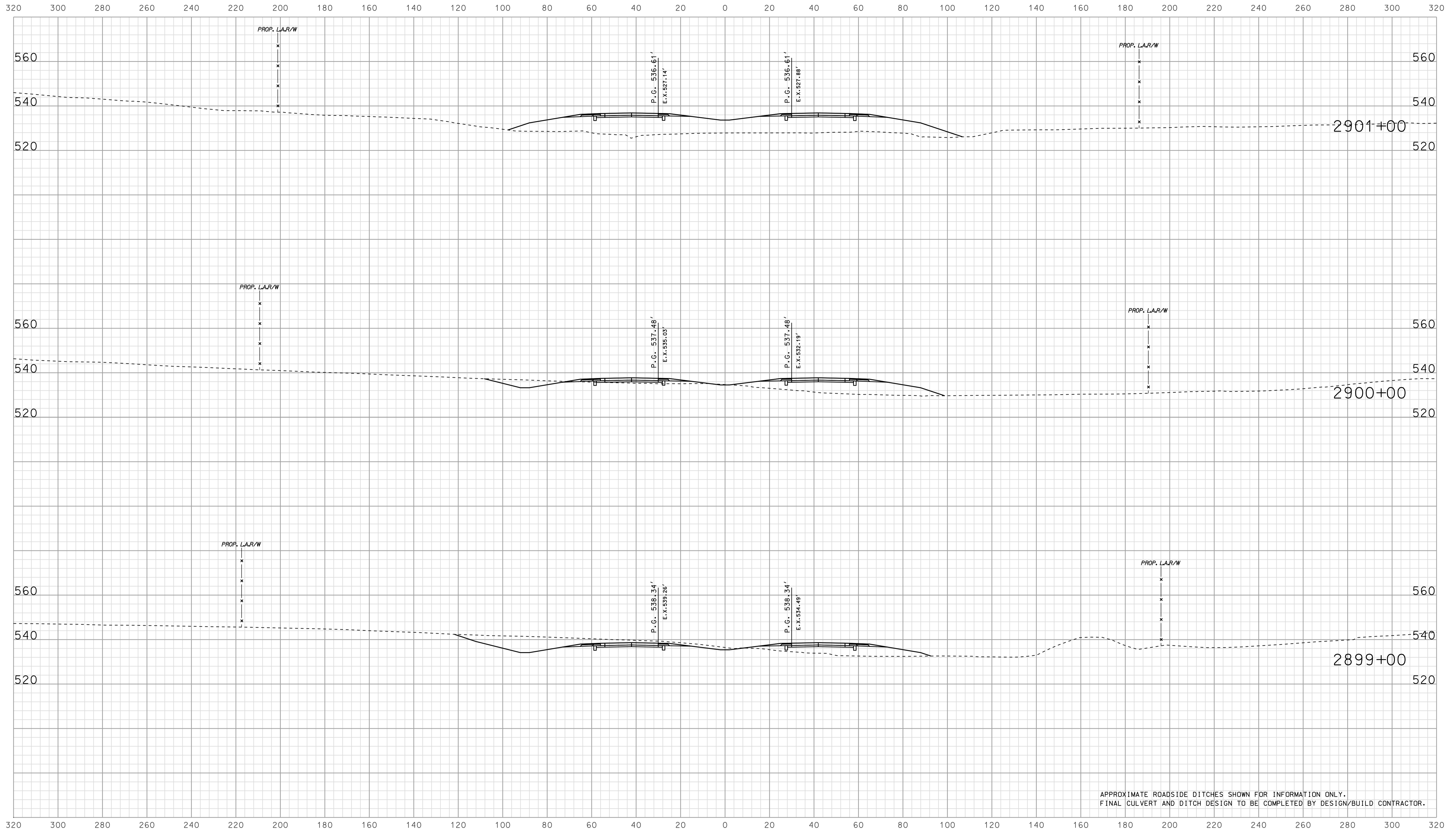
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/07  
 IP\_PWP-IR-33051-ASEG135109.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-109	SHEET NO. 253 of 373
CONTRACT IR-33051	PROJECT 0500445	



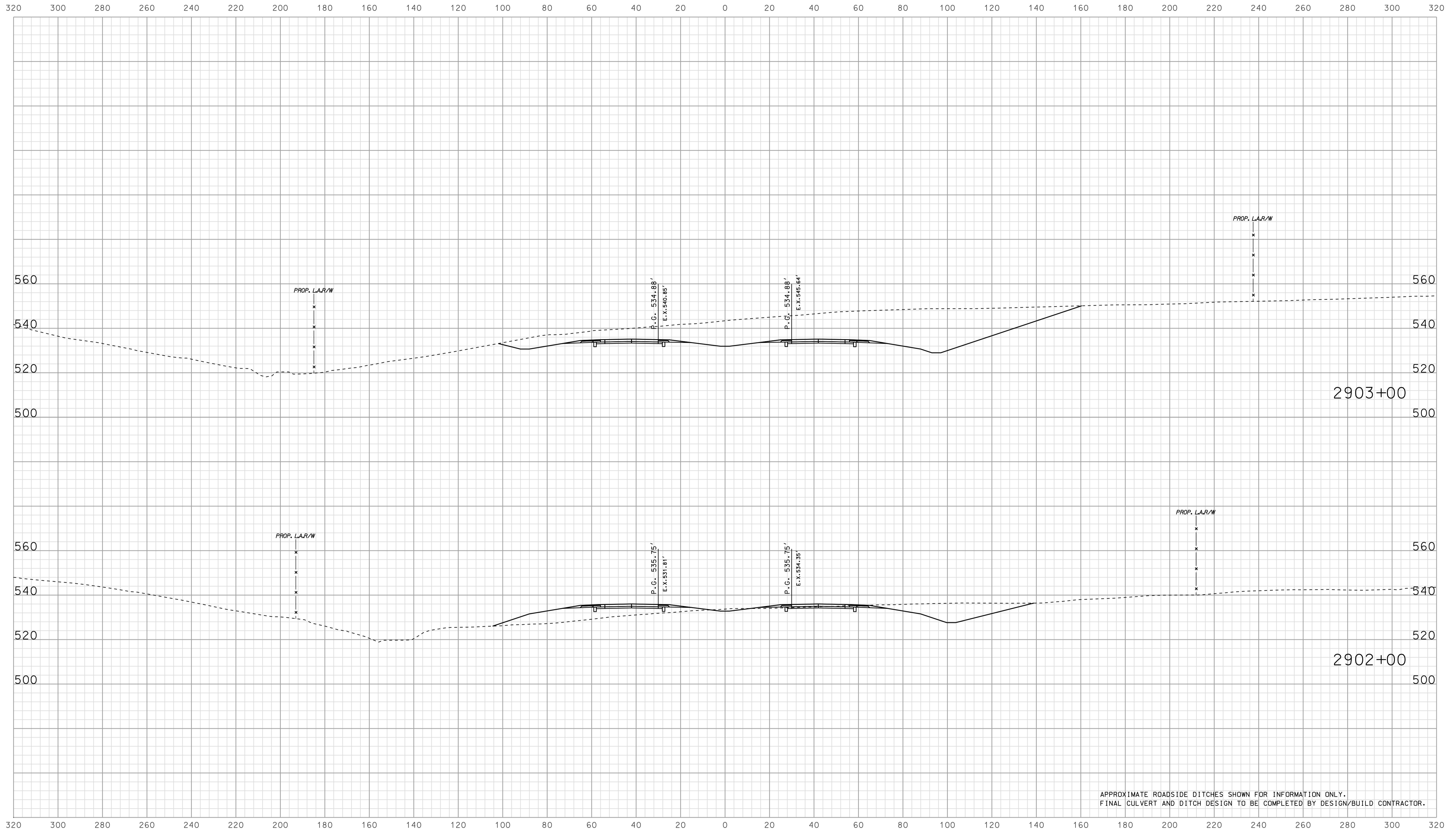
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/07  
 2010  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-110	254 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	



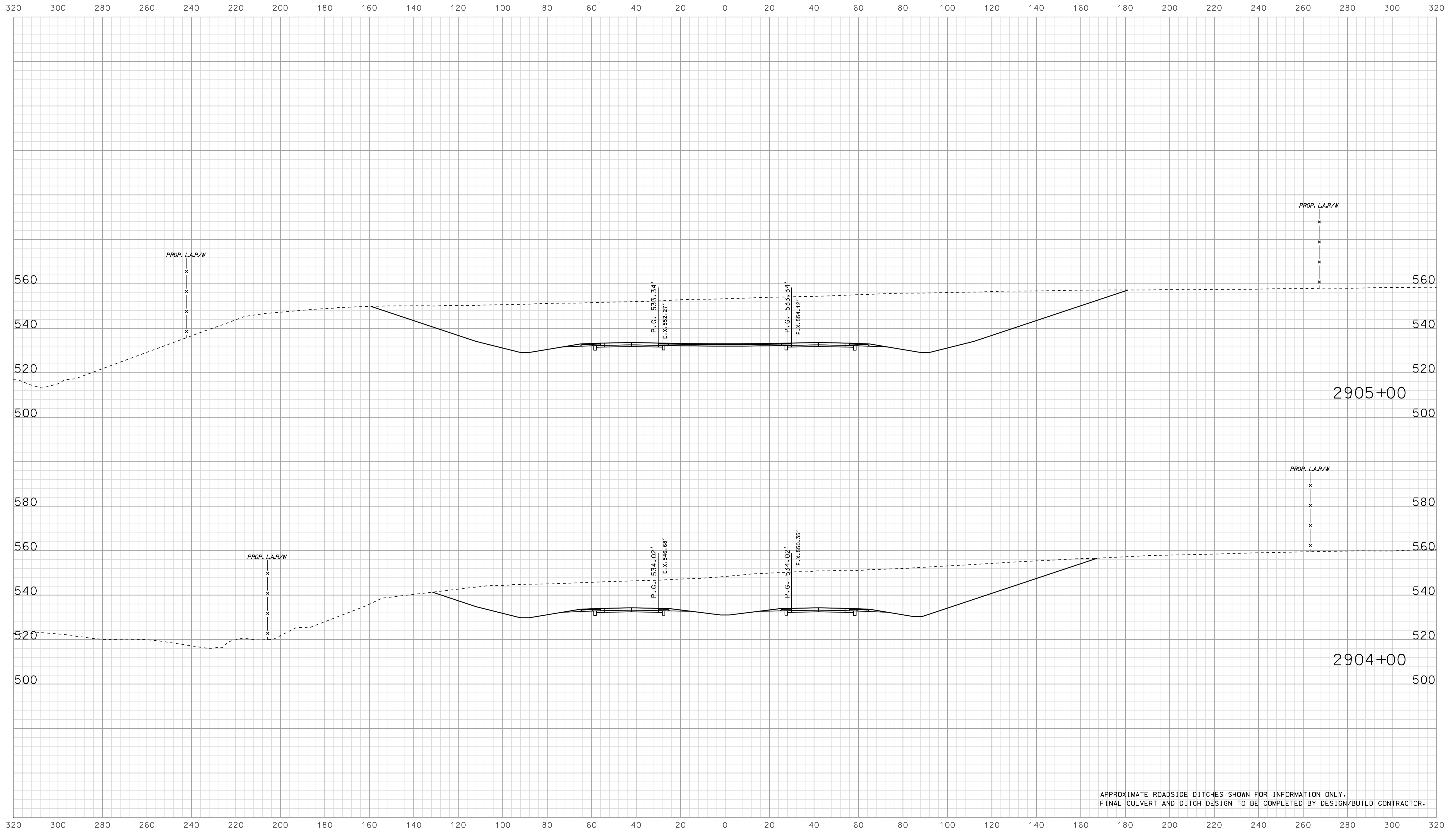
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
 FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

0907  
 10/10/2010  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
1" = 20'	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-111	255 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



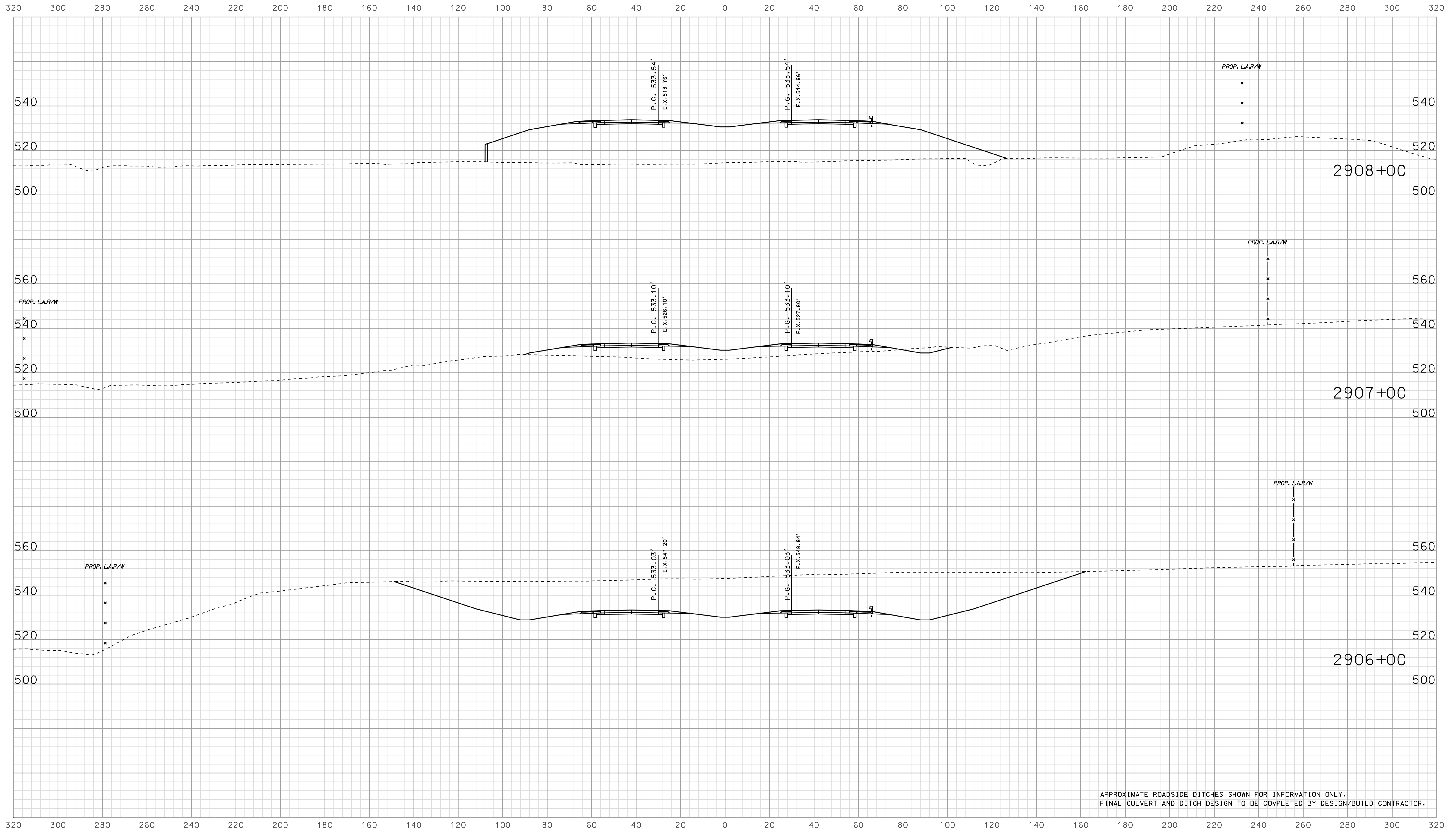
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/07  
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 2010

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-112	256 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

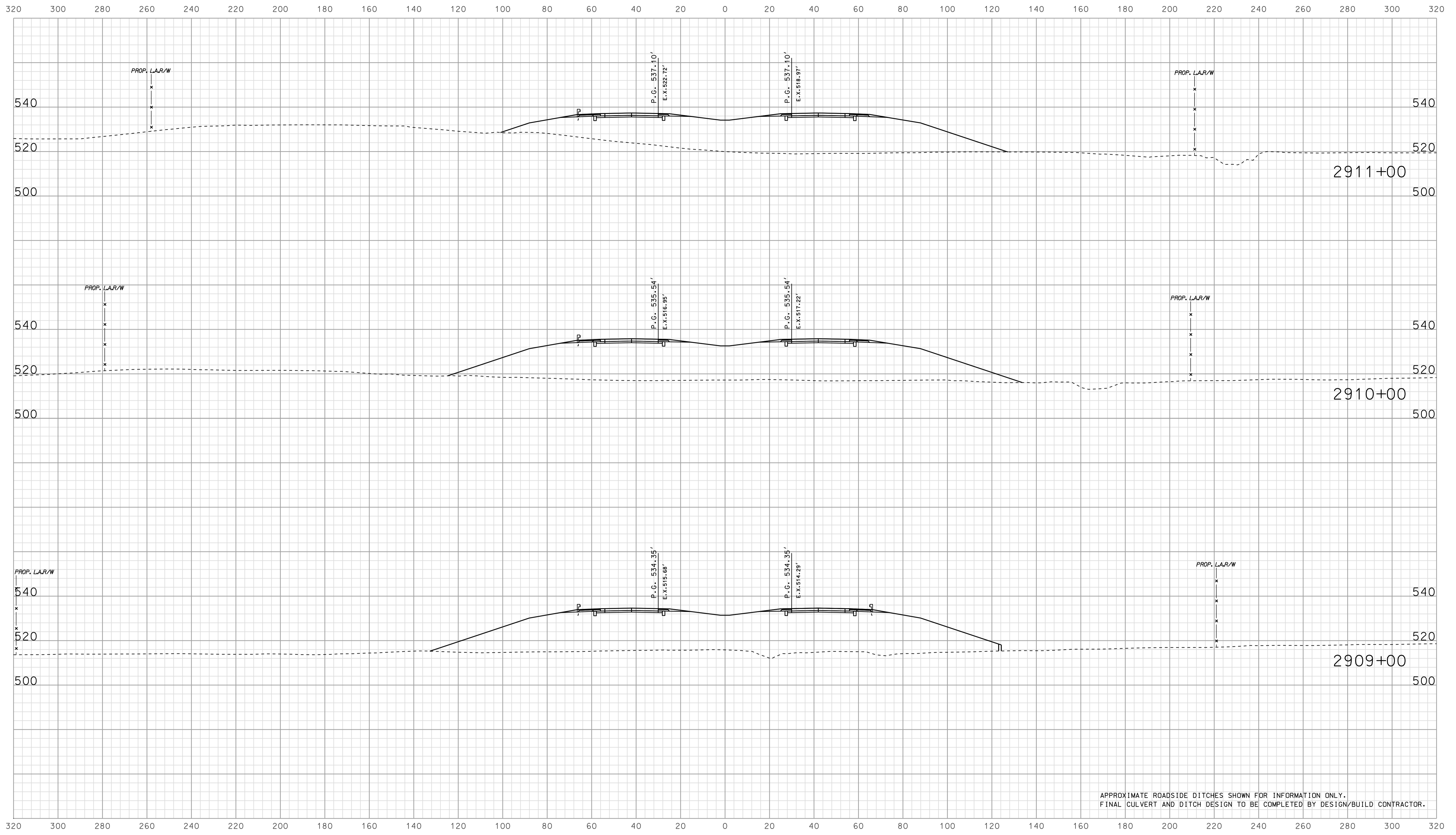
09/07  
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 2010

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-113	257 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	





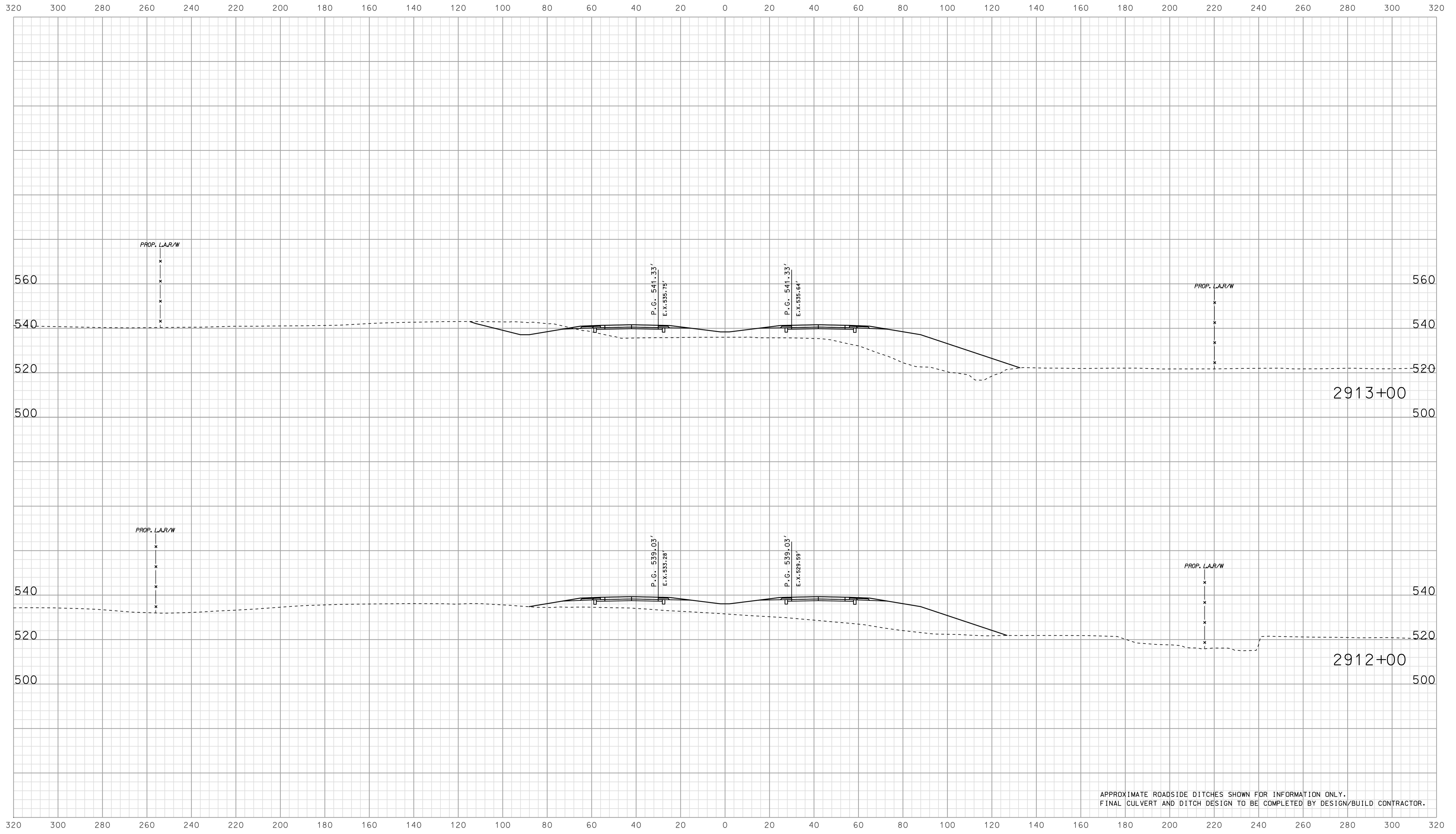
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

0907  
 2010  
 IP\_PWP-IR-33051-0500445.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
1" = 20'	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-114	258 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



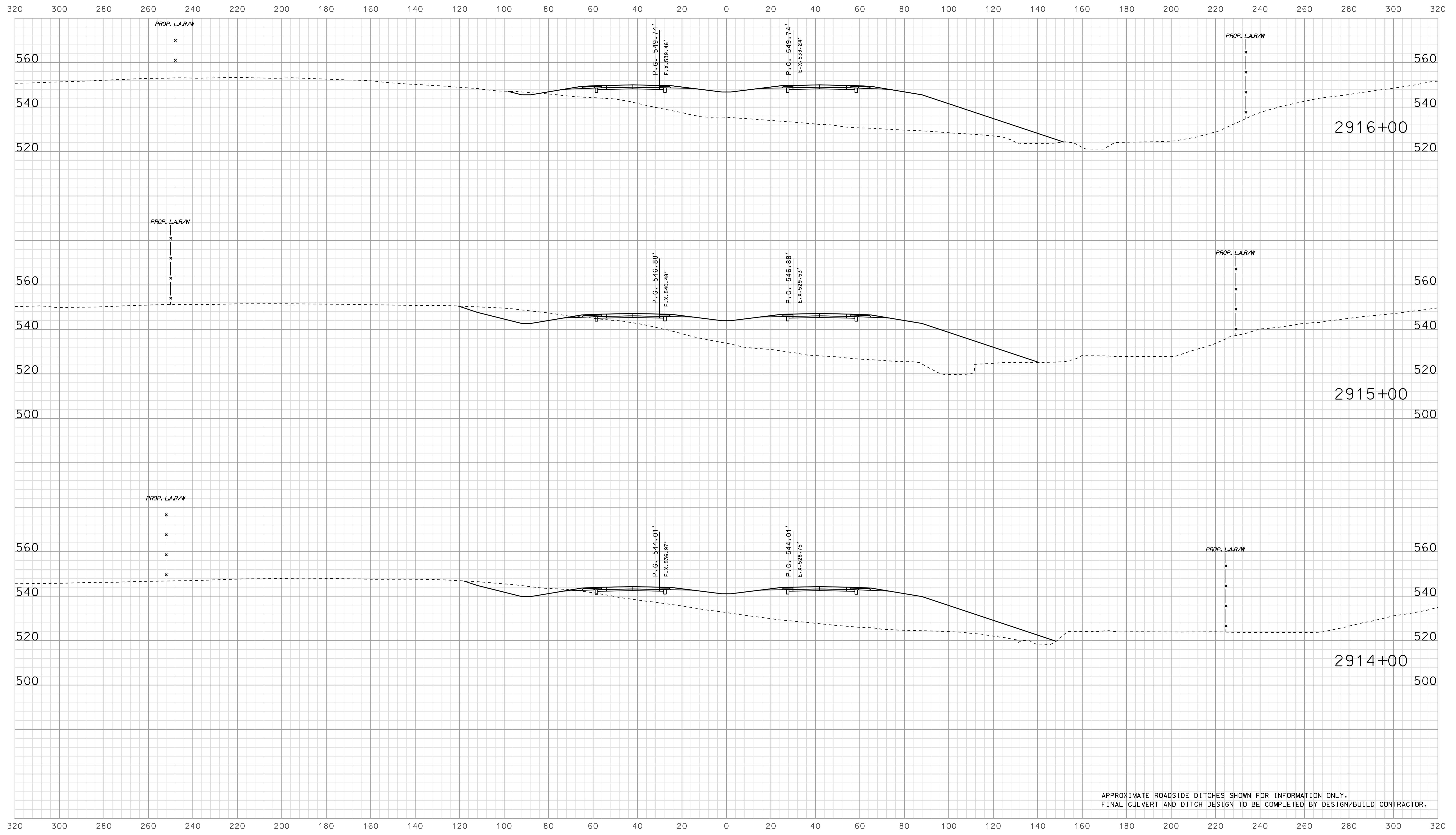
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/07  
 2010  
 IP\_PWP-0025A-SEGISYS15.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NDH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-115	259 of 373	
CONTRACT	PROJECT		
IR-33051	0500445		



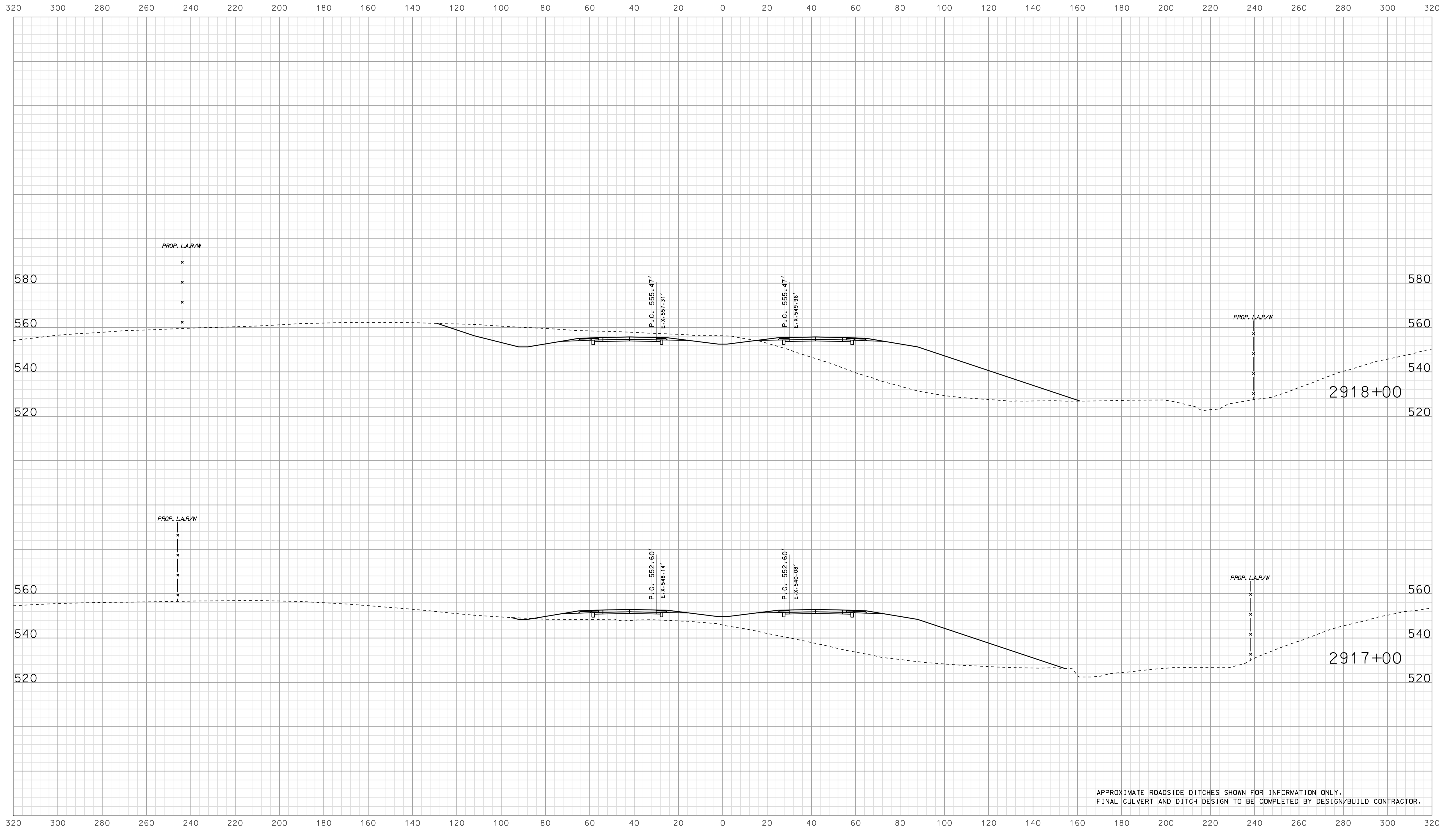
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/07  
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 2010

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-116	260 of 373
	PROJECT 0500445	



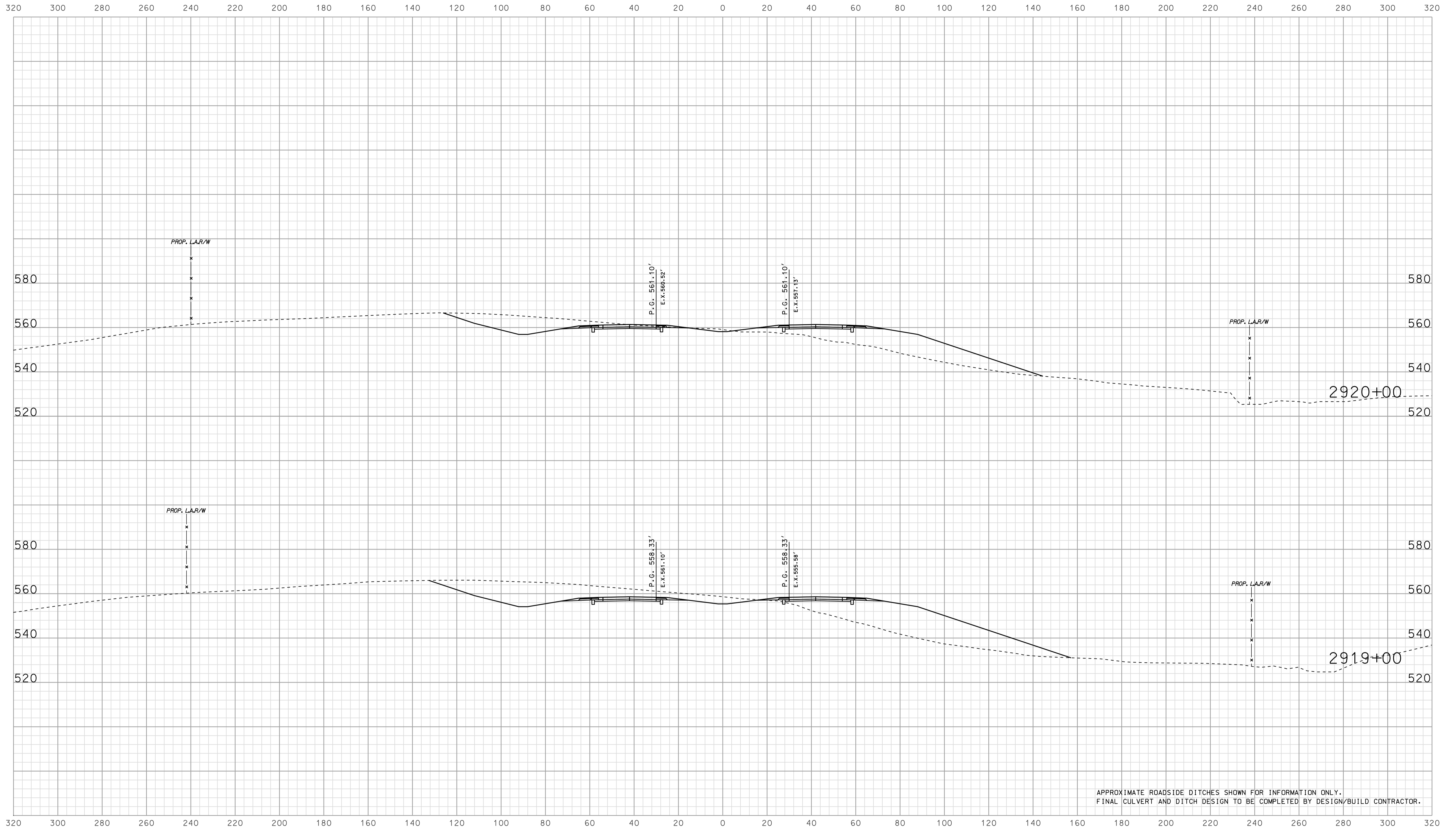
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09908  
 2010  
 IP\_PWP-816025A-SEGE3X3SIT.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT	XS-117	261 of 373
IR-33051	PROJECT 0500445	



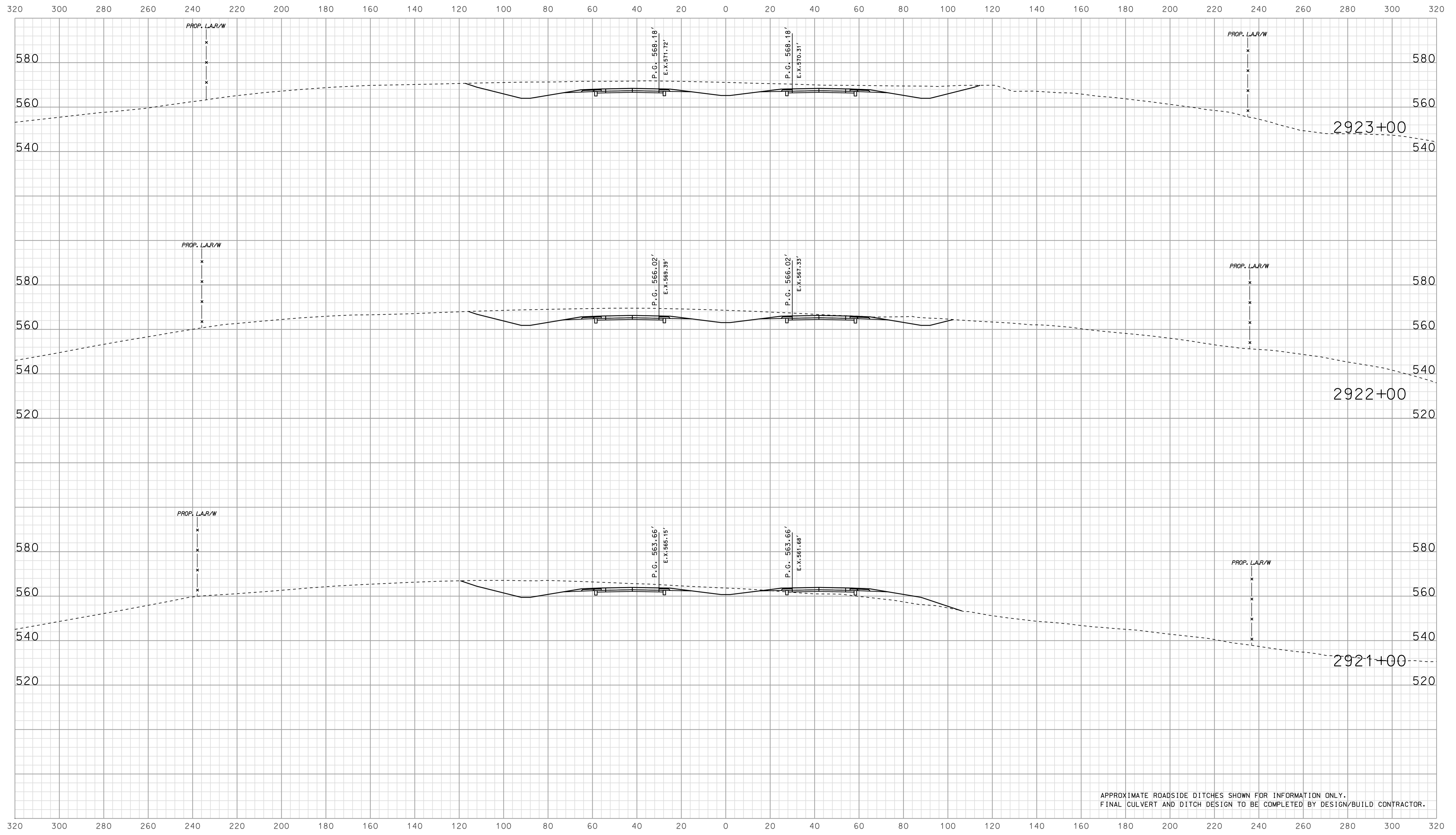
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09008  
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 2/10/2010

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'		BRIDGE FILE	
VERTICAL SCALE 1" = 20'		DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-118	262 of 373	
IR-33051	PROJECT	0500445	



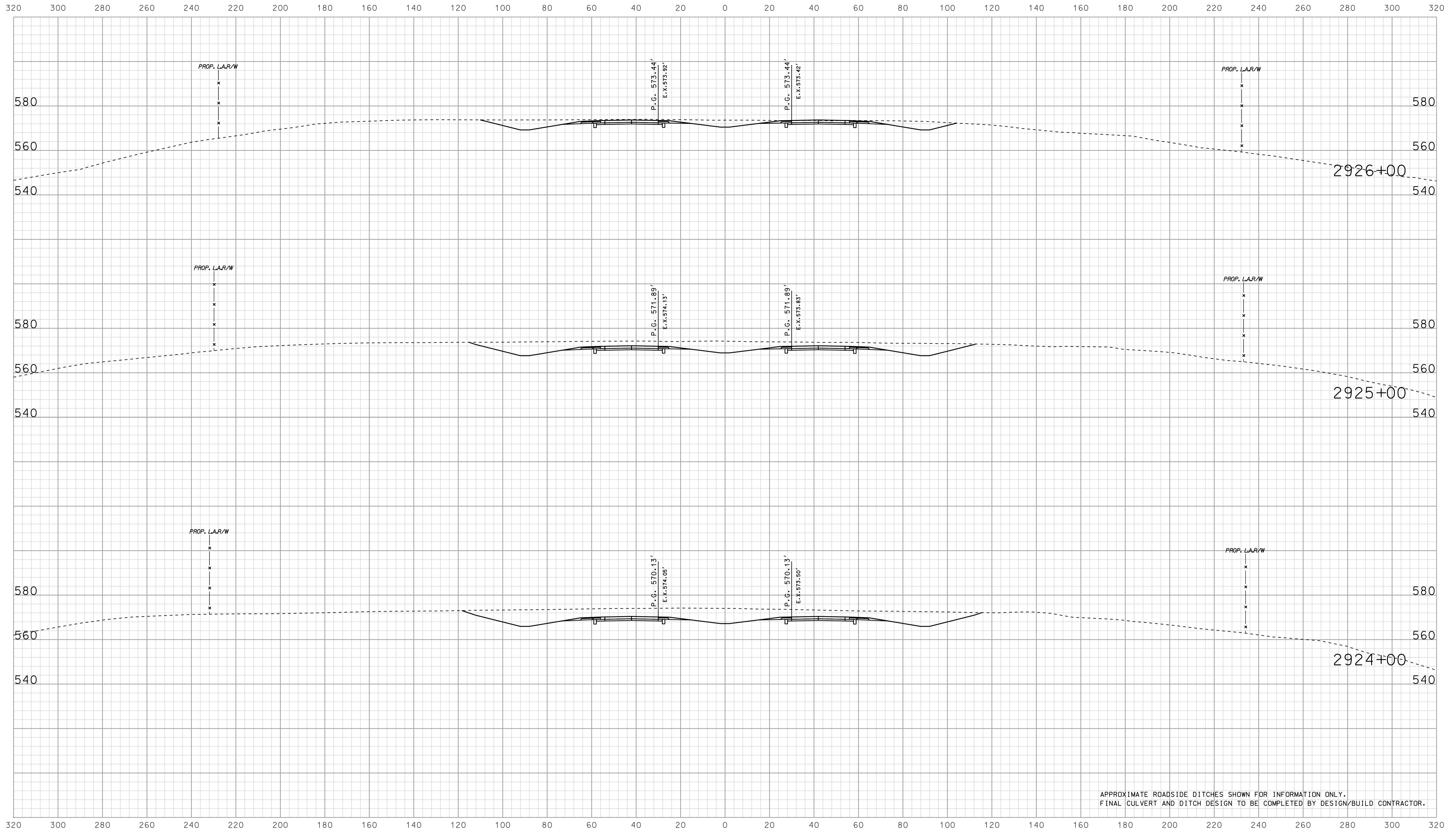
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FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

0908  
 10/10/2010  
 IP\_PWP-2010025A-SEGE3X518.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK		DWG. NO.	SHEET NO.
		XS-119	263 of 373
CONTRACT		PROJECT	
IR-33051		0500445	



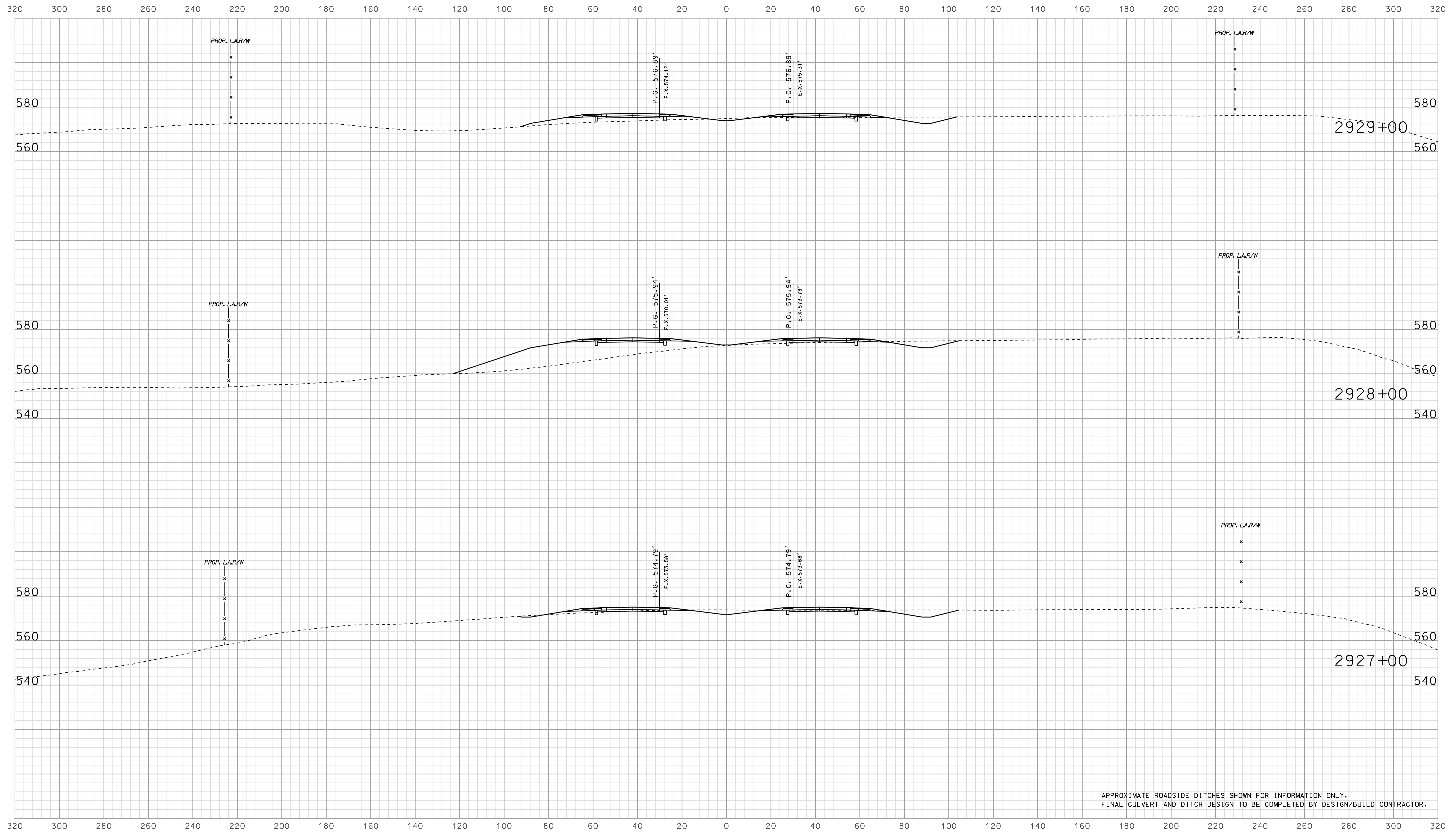
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FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/08  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-120	264 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

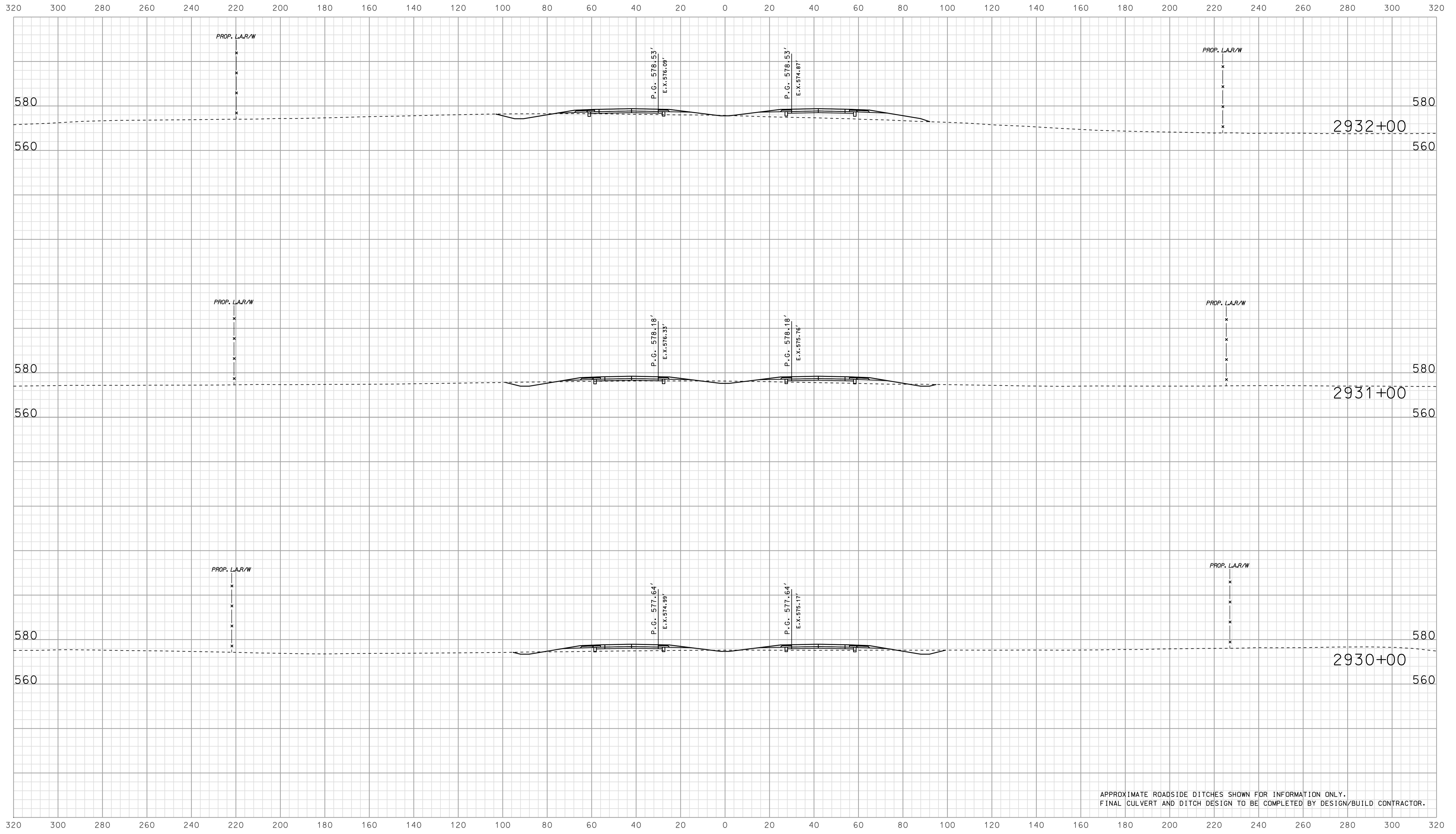
0908  
 2010  
 IP\_PWP-0025A-SEGIS/SL.dgn

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-121	265 of 373	
CONTRACT	PROJECT		
IR-33051	0500445		





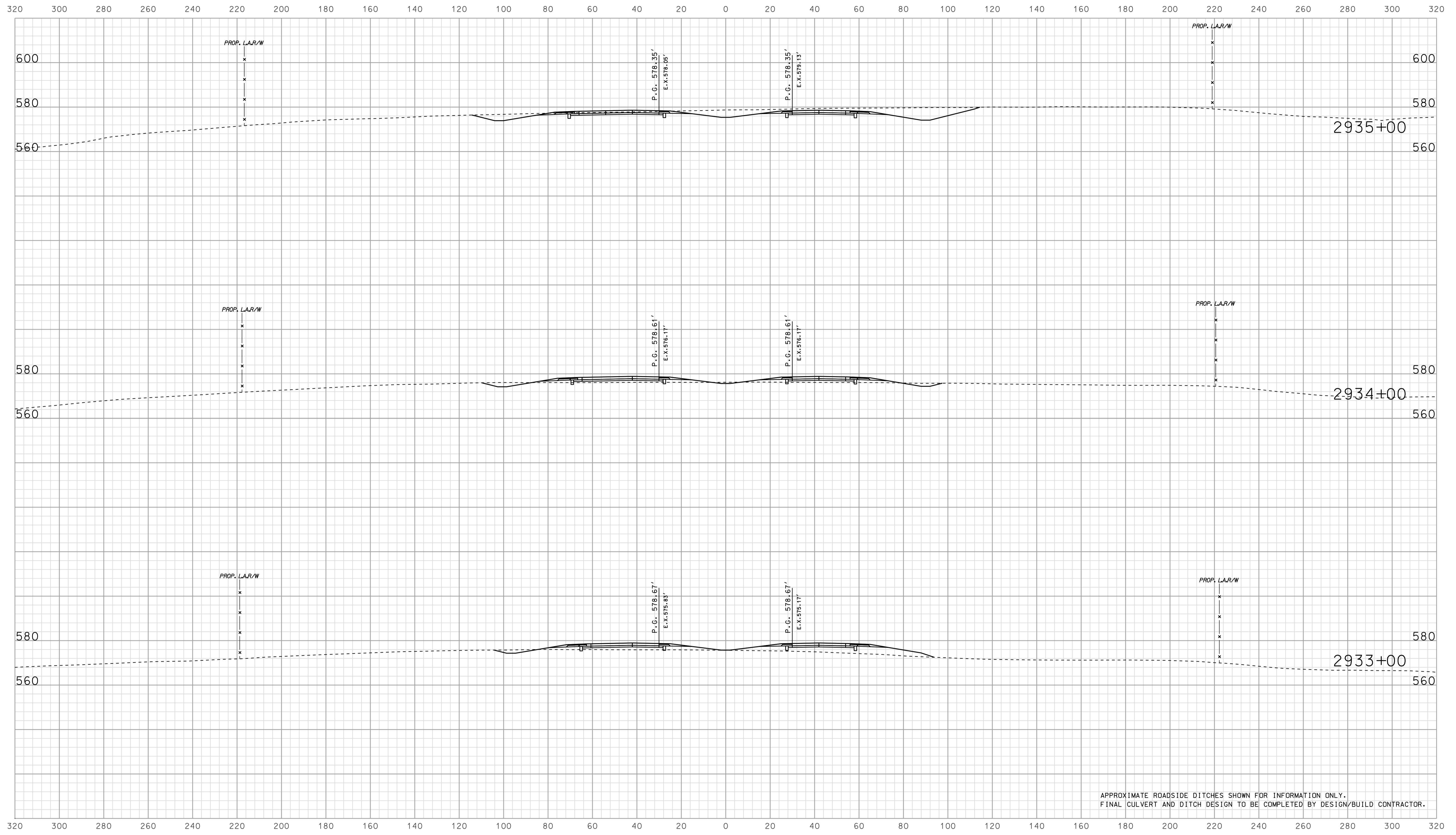
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

0908  
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 2/10/2010 10:05:00 AM

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: <b>BJO</b>	DRAWN: <b>DH</b>		
CHECKED: <b>NOH</b>	CHECKED: <b>DMA</b>		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-122	SHEET NO. 266 of 373
CONTRACT IR-33051	PROJECT 0500445	



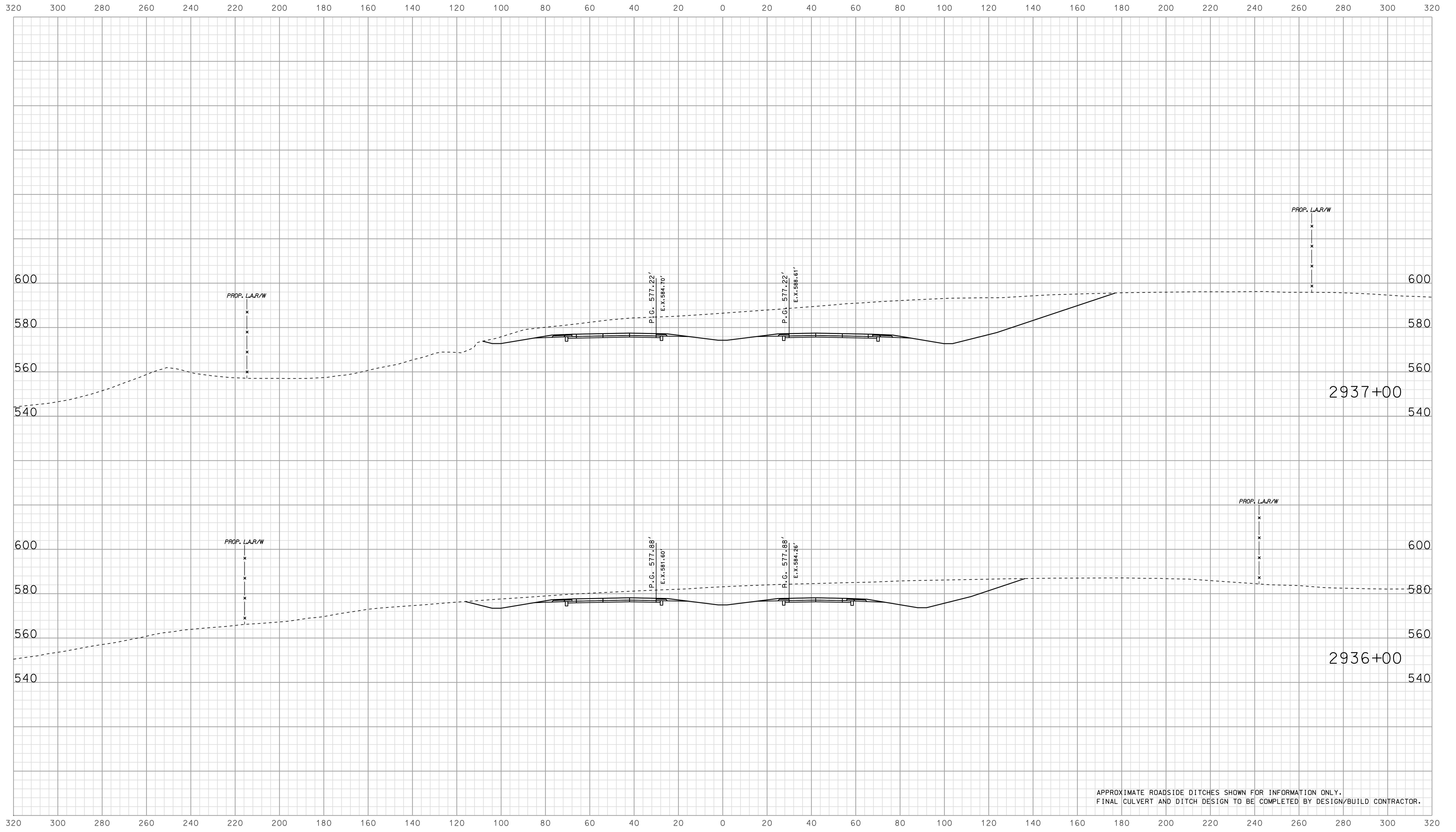
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/08  
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: <b>BJO</b>	DRAWN: <b>DH</b>		
CHECKED: <b>NOH</b>	CHECKED: <b>DMA</b>		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-123	267 of 373
	PROJECT 0500445	



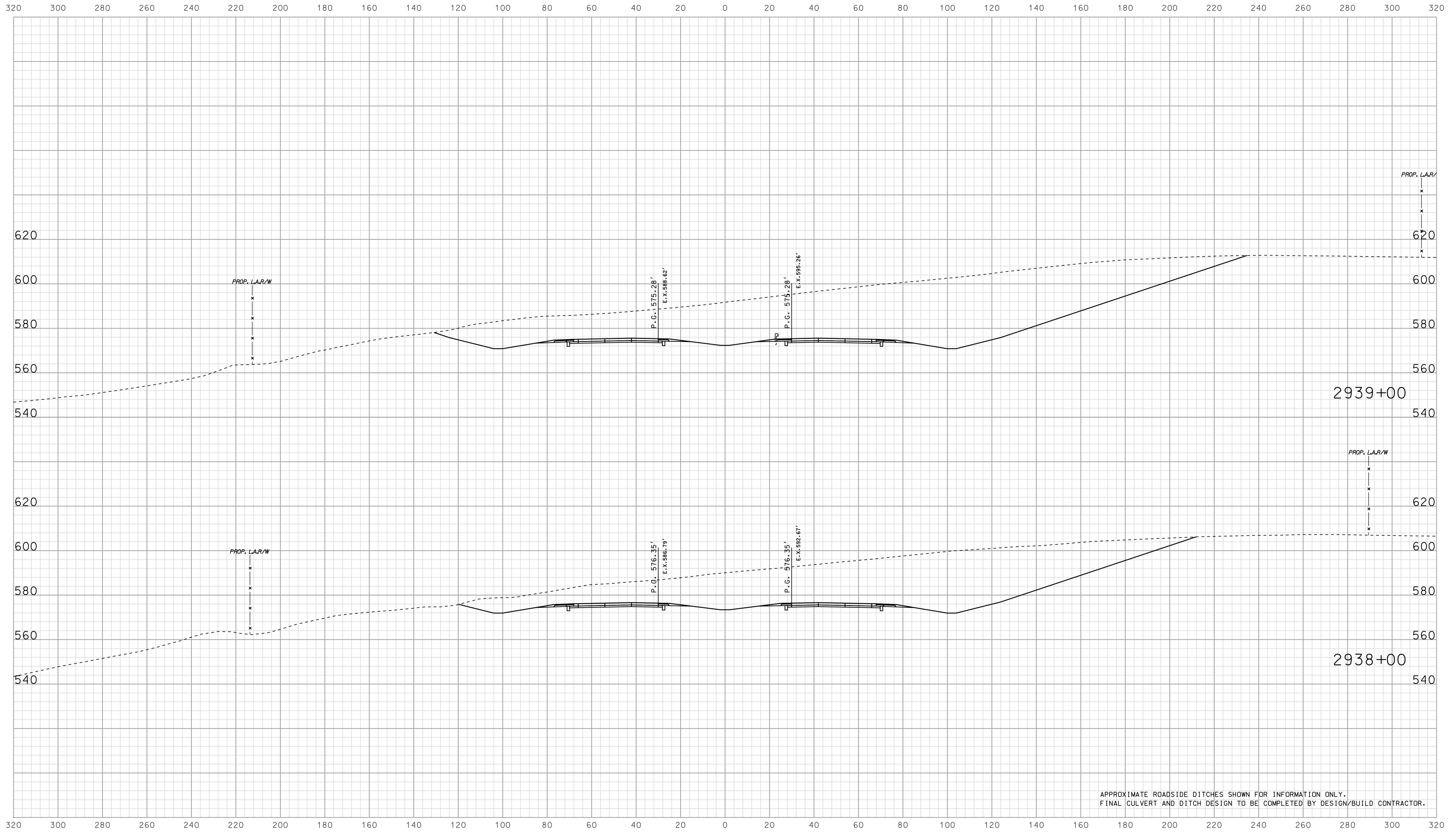
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/09  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-124	268 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	



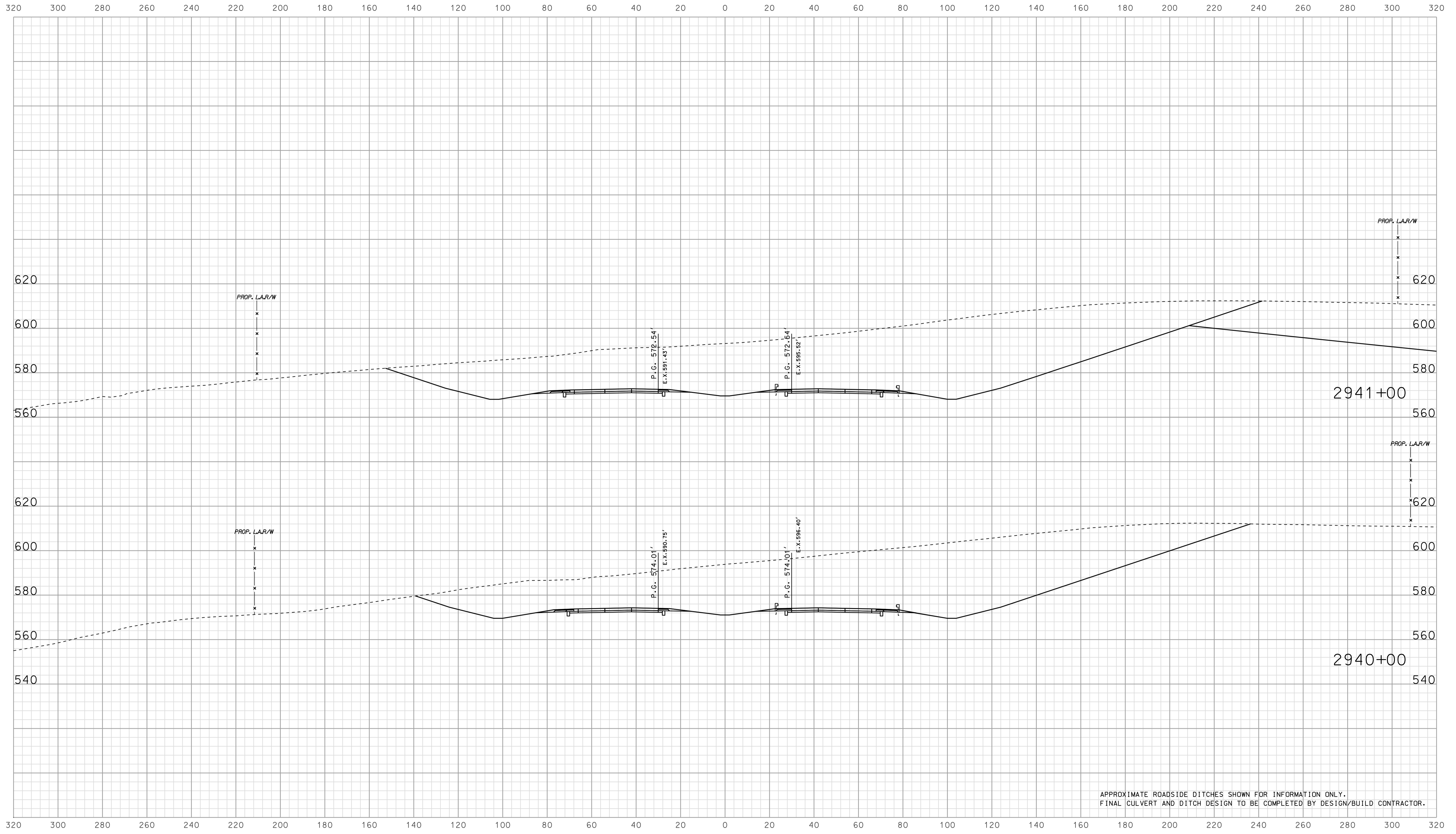
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/09  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
1" = 20'	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-125	269 of 373
CONTRACT	PROJECT	
IR-33051	0500445	



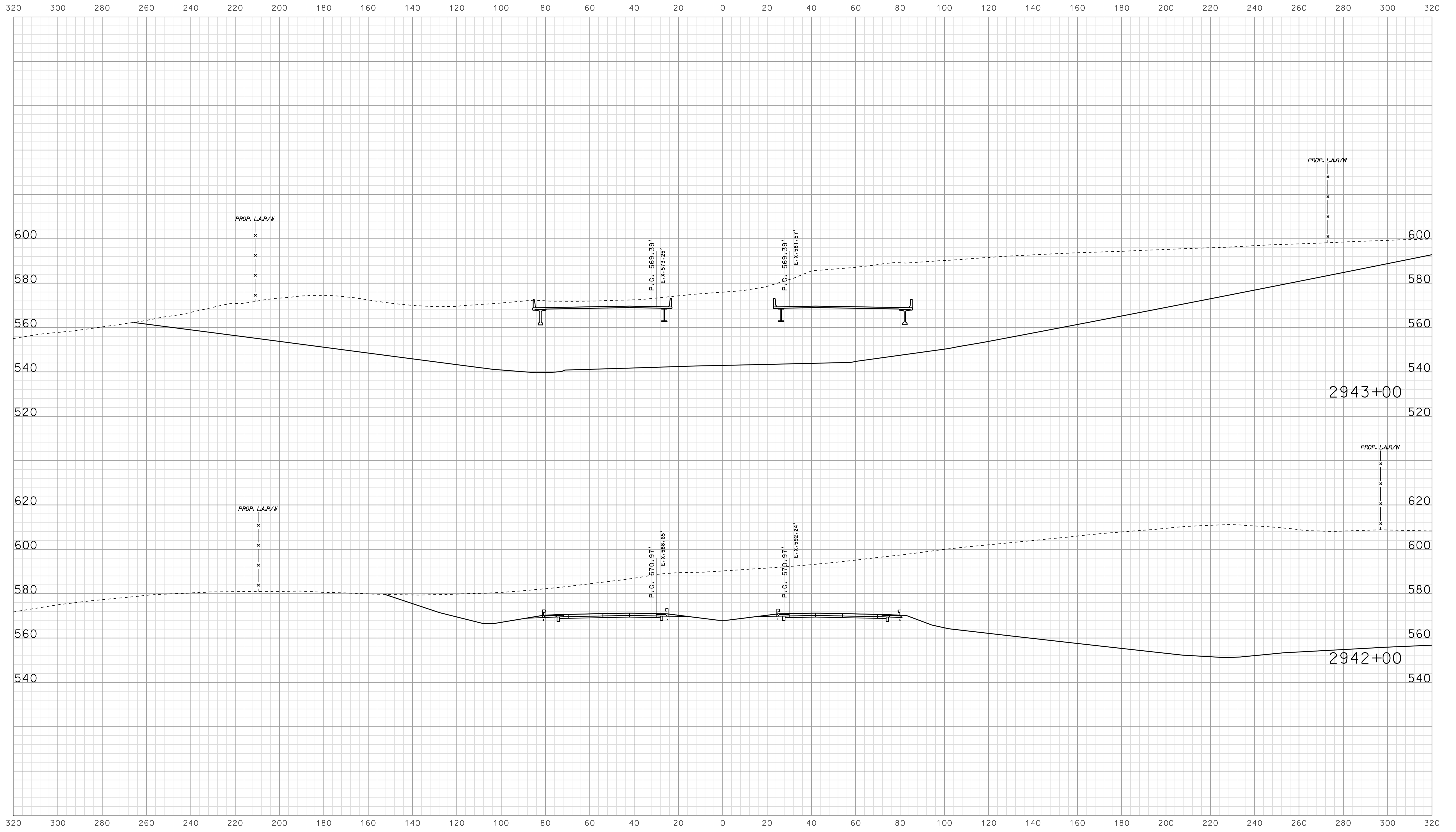
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/09  
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: <b>BJO</b>	DRAWN: <b>DH</b>		
CHECKED: <b>NOH</b>	CHECKED: <b>DMA</b>		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-126	SHEET NO. 270 of 373
CONTRACT IR-33051	PROJECT 0500445	

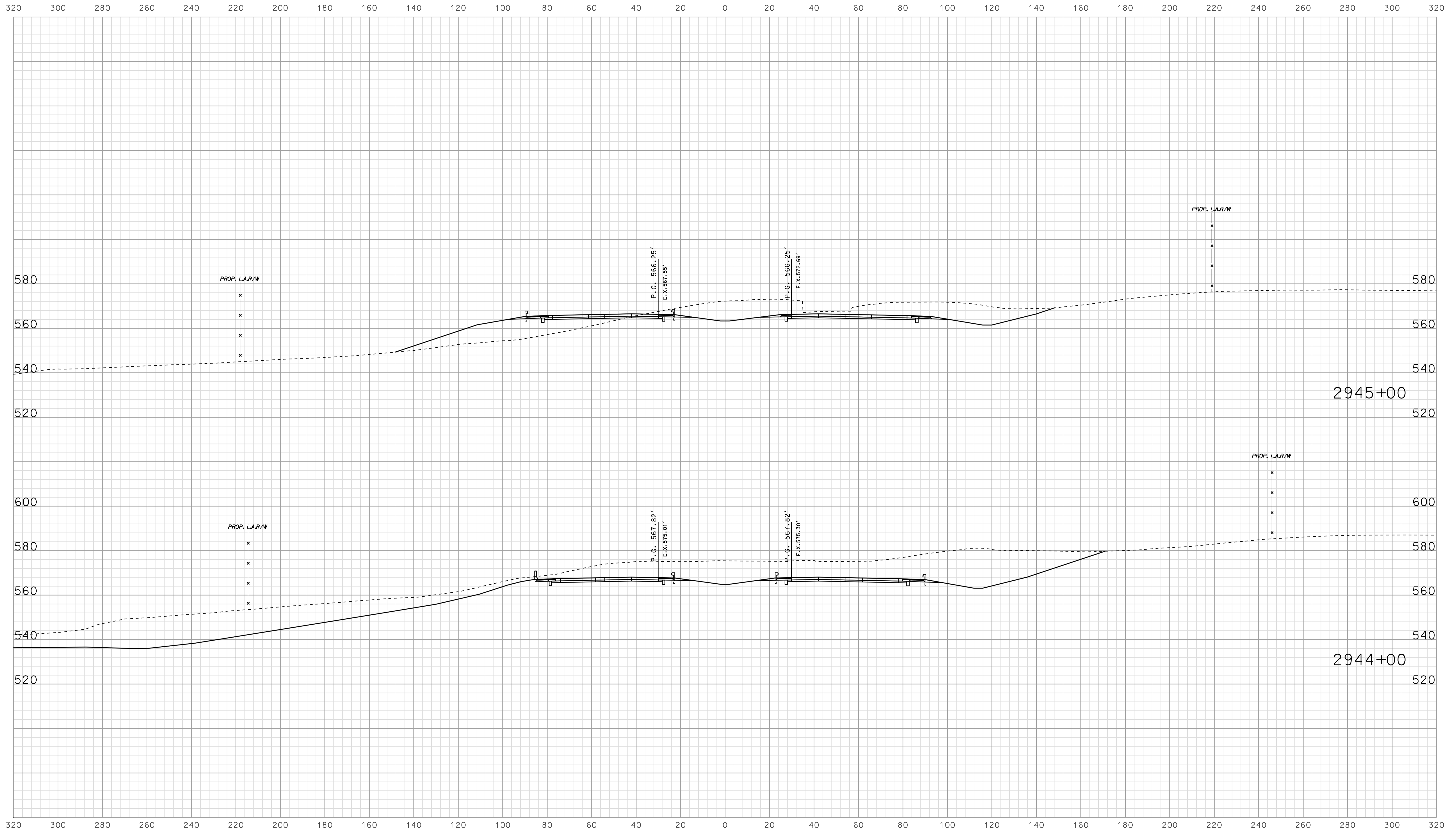


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 10/10/2010  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	XS-127	271 of 373
PROJECT		0500445

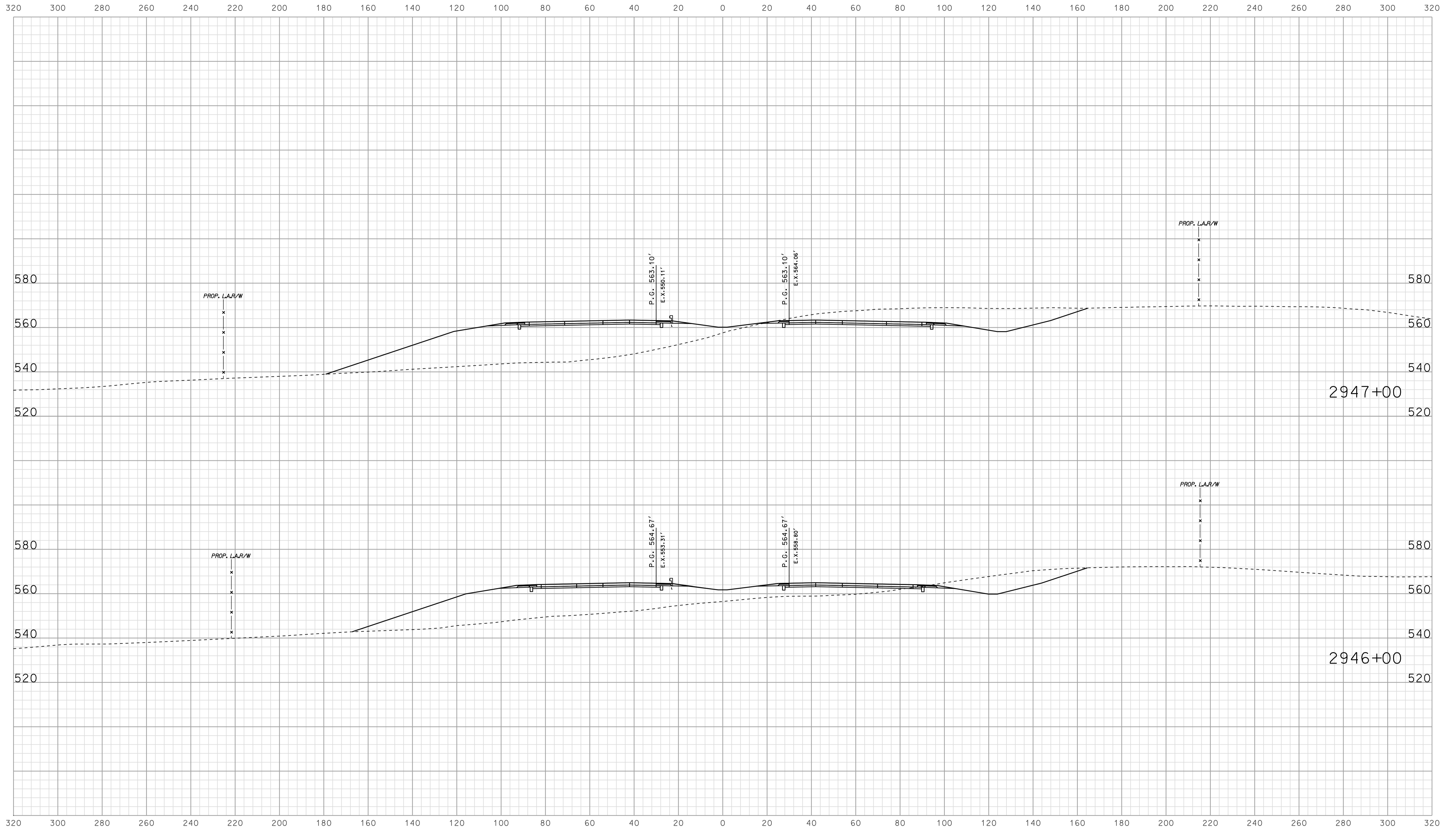


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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-128	SHEET NO. 272 of 373
CONTRACT IR-33051	PROJECT 0500445	



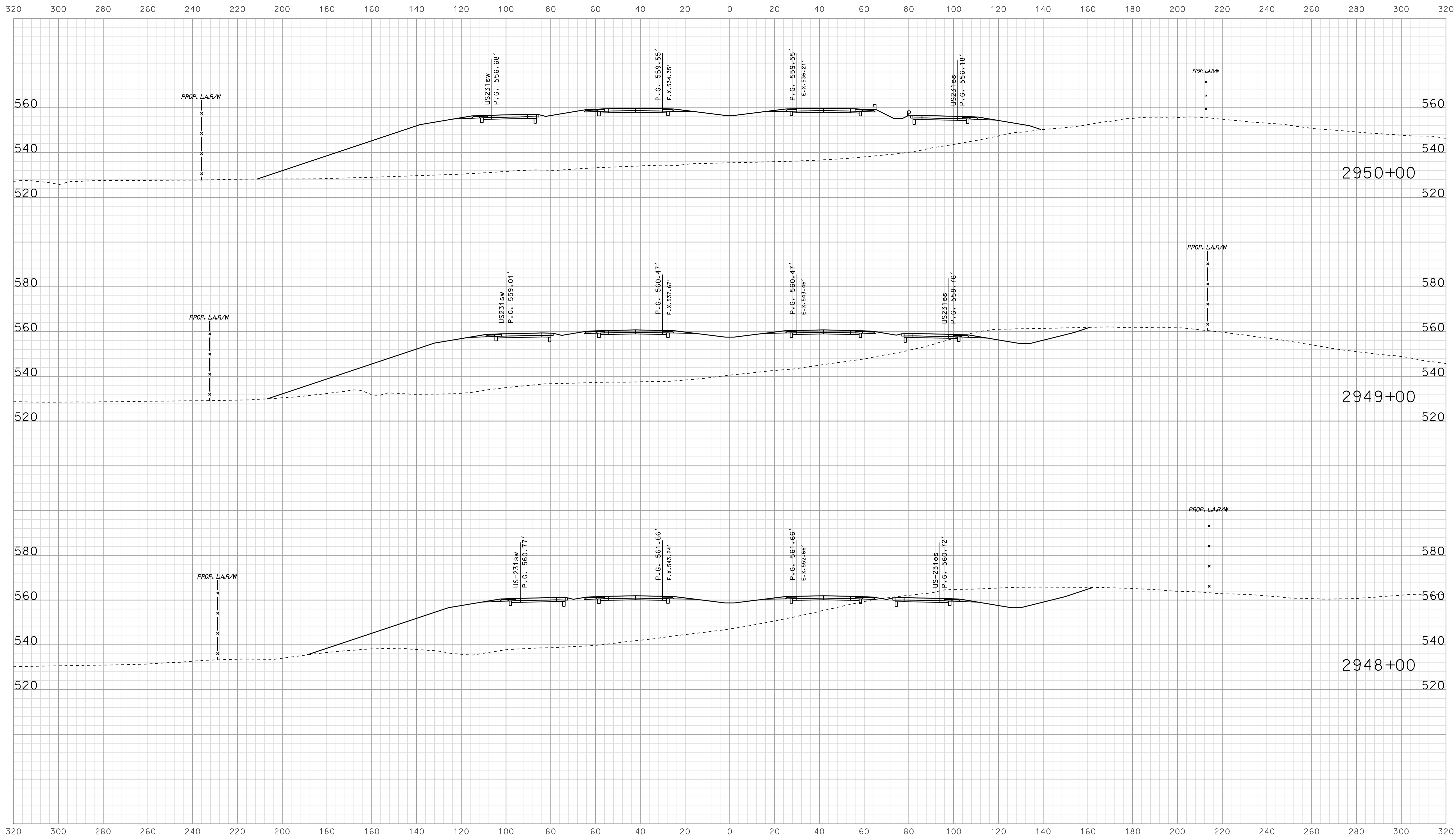
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-129	273 of 373	
PROJECT		0500445	



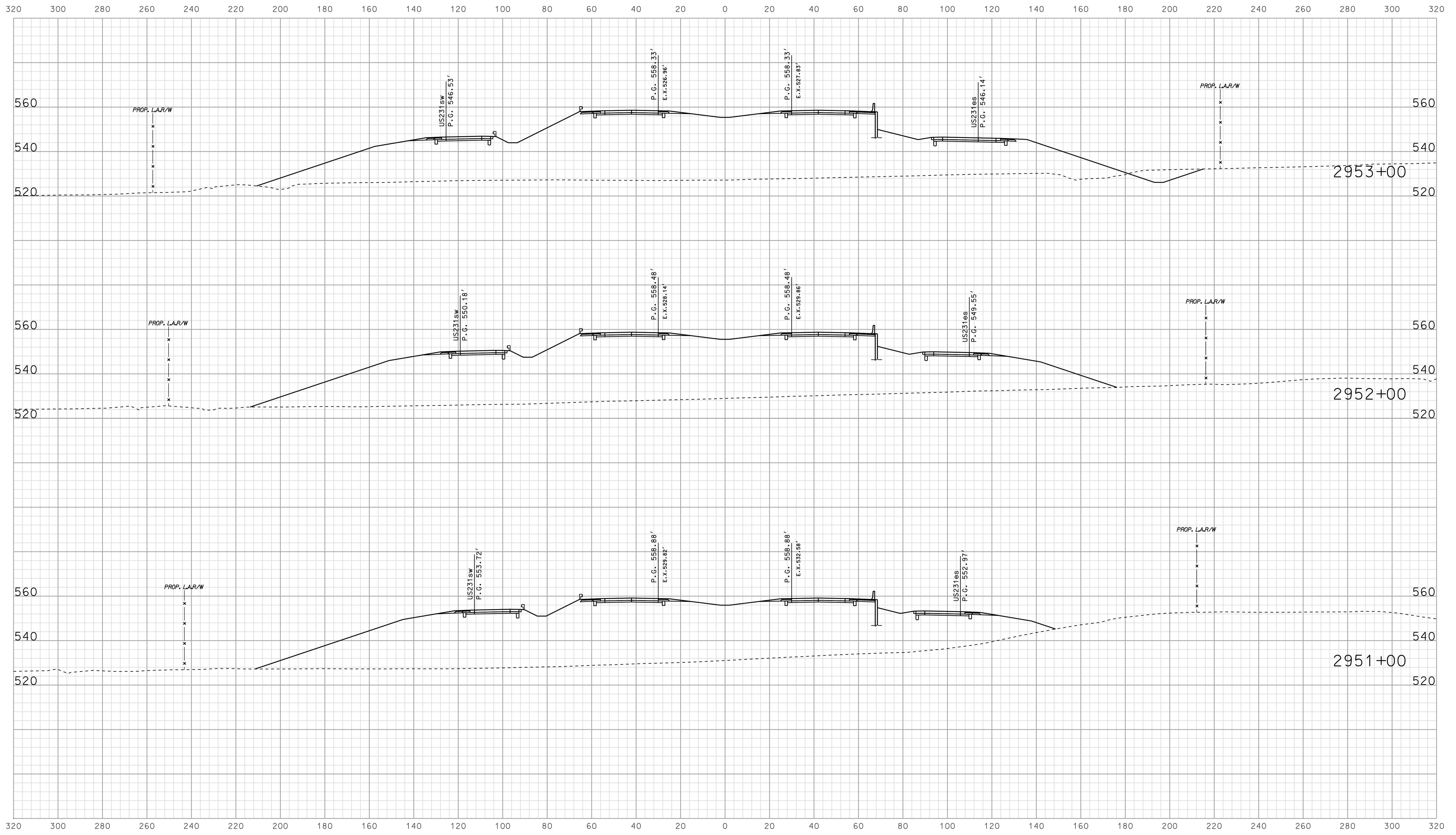


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 10/10/2010  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

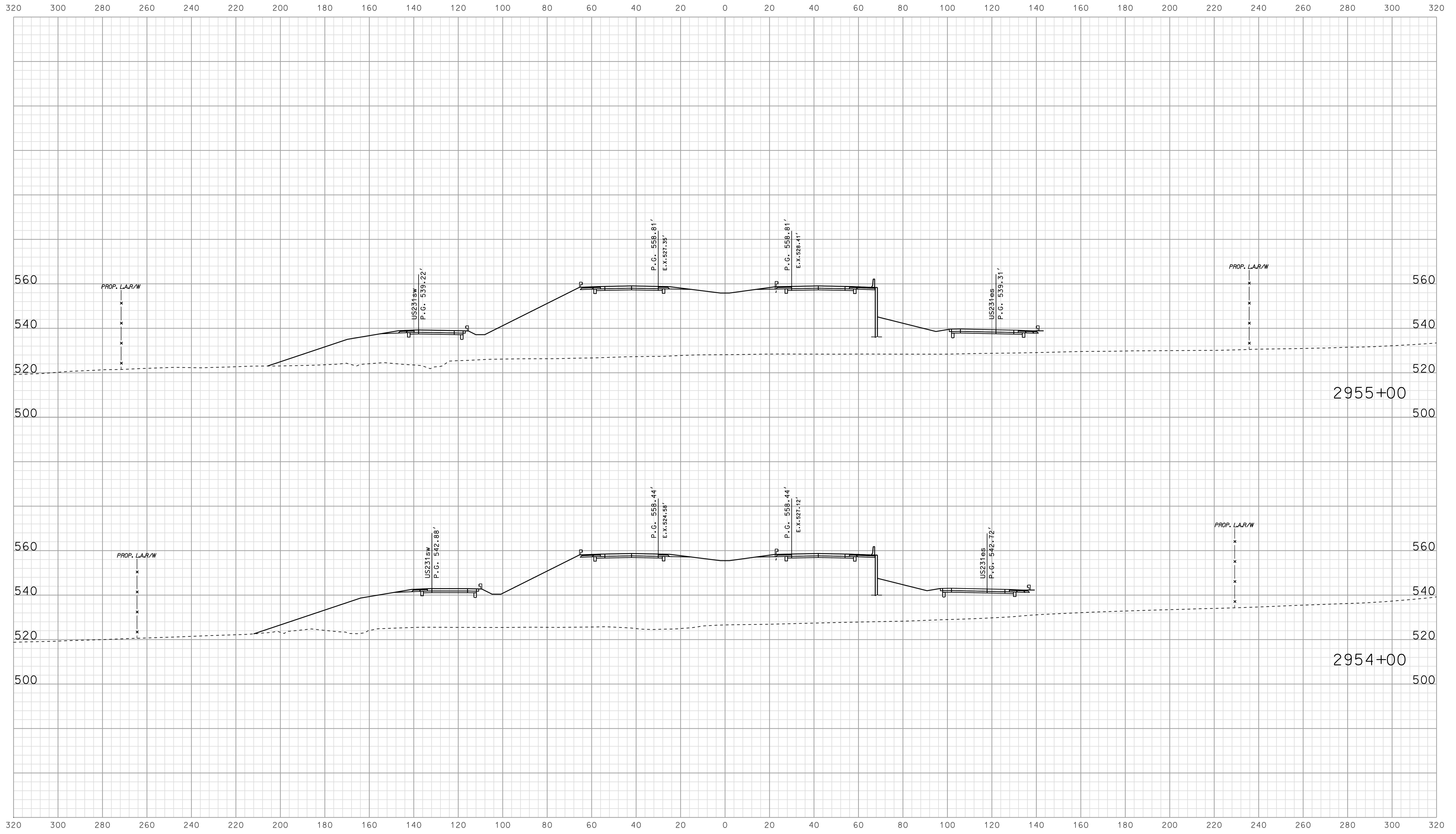
INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-130	274 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	



09/11  
 10/10/2010  
 IP\_PWP-0025A-SEGIS31.dgn

	RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION		BRIDGE FILE
	DESIGNED: <b>BJO</b>	DRAWN: <b>DH</b>	ROADWAY CROSS SECTIONS LINE "A"		DESIGNATION <b>0500445</b>	
CHECKED: <b>NOH</b>	CHECKED: <b>DMA</b>			SURVEY BOOK	DWG. NO. <b>XS-131</b>	SHEET NO. 275 of 373
				CONTRACT <b>IR-33051</b>	PROJECT <b>0500445</b>	

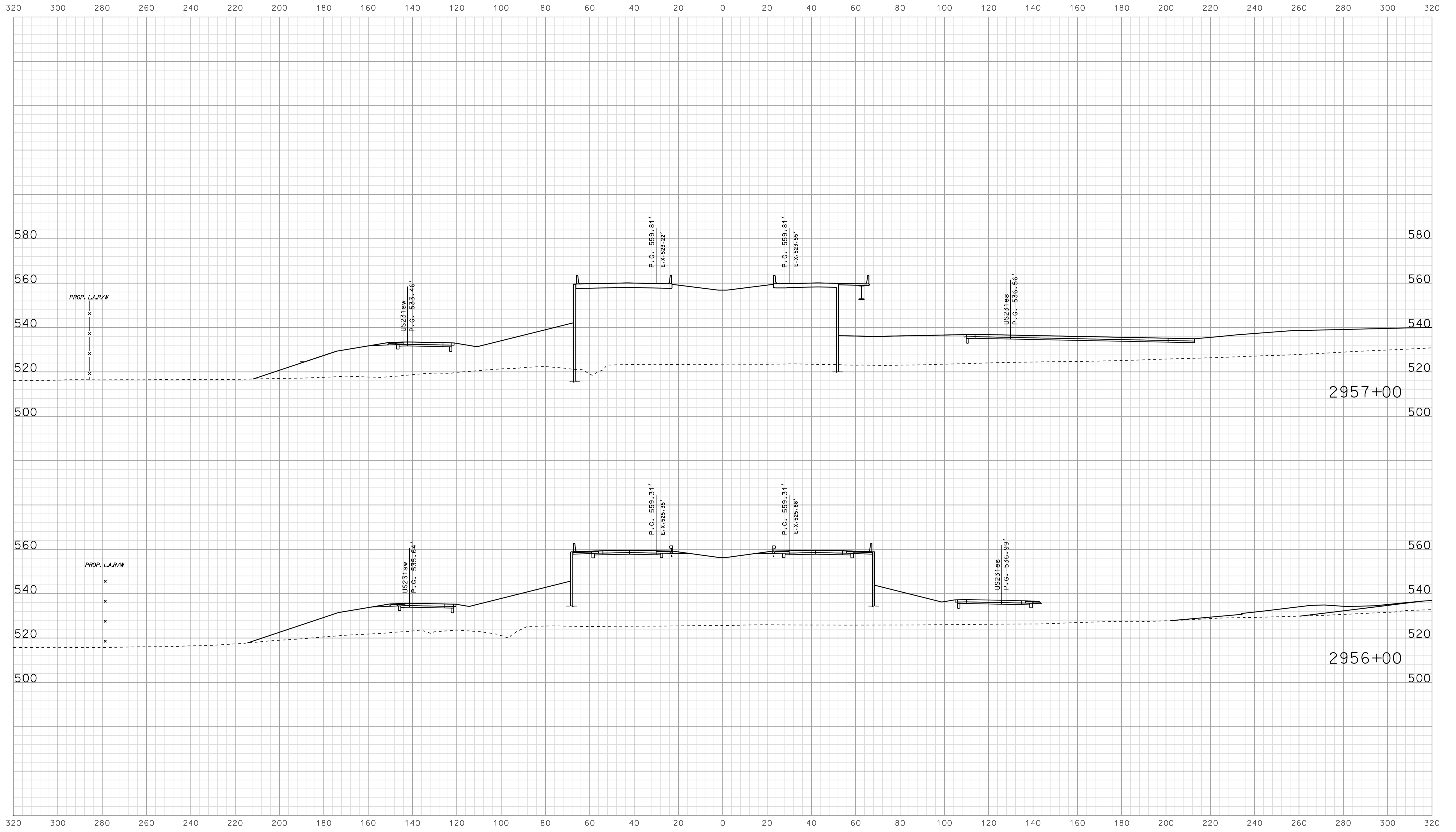


09/11  
 10/15/2010  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

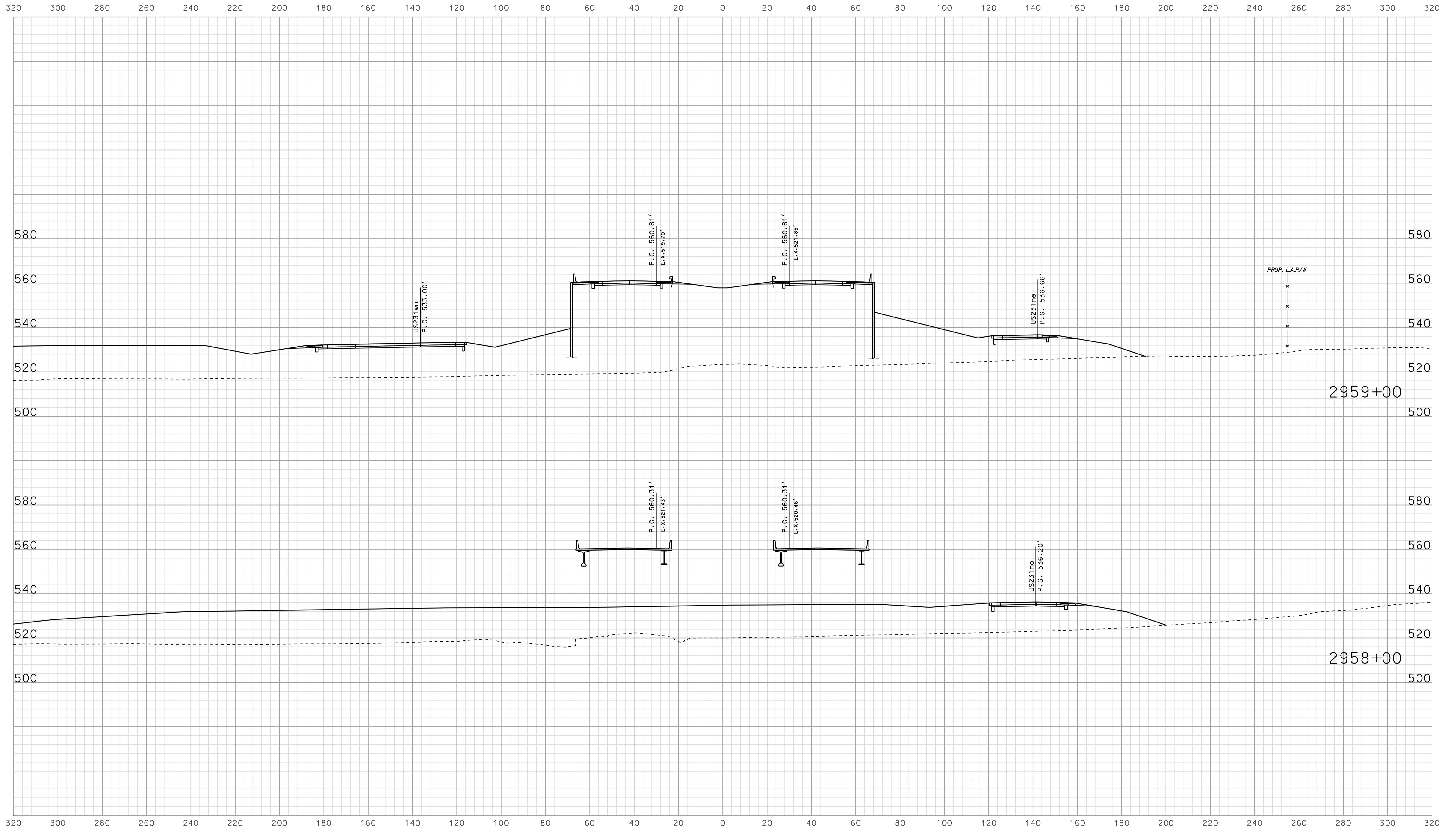
INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-132	SHEET NO. 276 of 373
CONTRACT IR-33051	PROJECT 0500445	



09/11  
 10/03/2010  
 IP\_PWP-810025A\FEG\3\33.dgn

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION		
	DESIGNED: BJO	DRAWN: DH			
CHECKED: NOH	CHECKED: DMA		ROADWAY CROSS SECTIONS LINE "A"		
HORIZONTAL SCALE 1" = 20'		BRIDGE FILE			
VERTICAL SCALE 1" = 20'		DESIGNATION 0500445			
SURVEY BOOK		DWG. NO.	SHEET NO.		
CONTRACT IR-33051		XS-133	277 of 373		
		PROJECT 0500445			

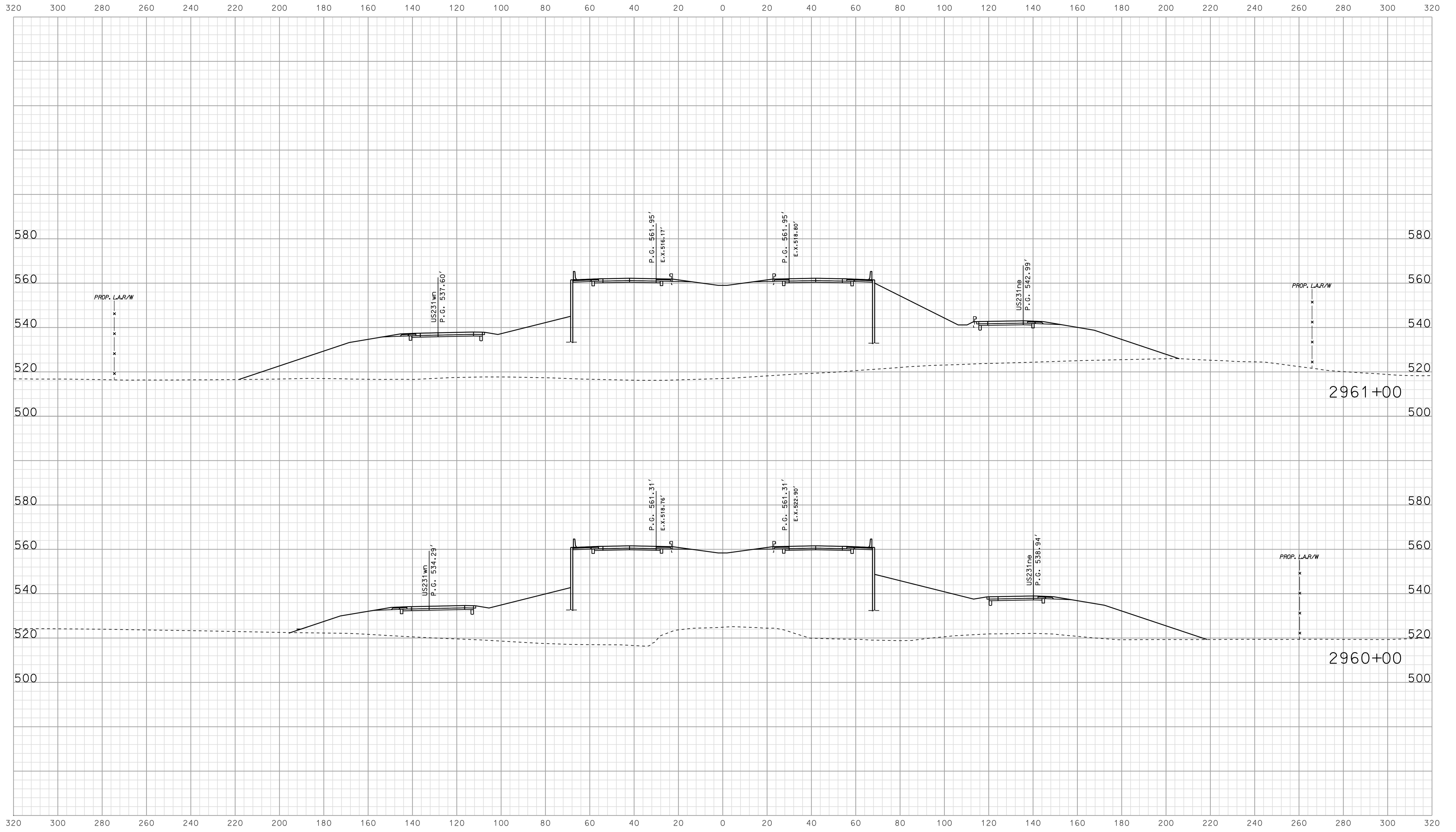


09/12  
 10/10/2010  
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: <b>BJO</b>	DRAWN: <b>DH</b>		
CHECKED: <b>NOH</b>	CHECKED: <b>DMA</b>		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-134	SHEET NO. 278 of 373
CONTRACT IR-33051	PROJECT 0500445	

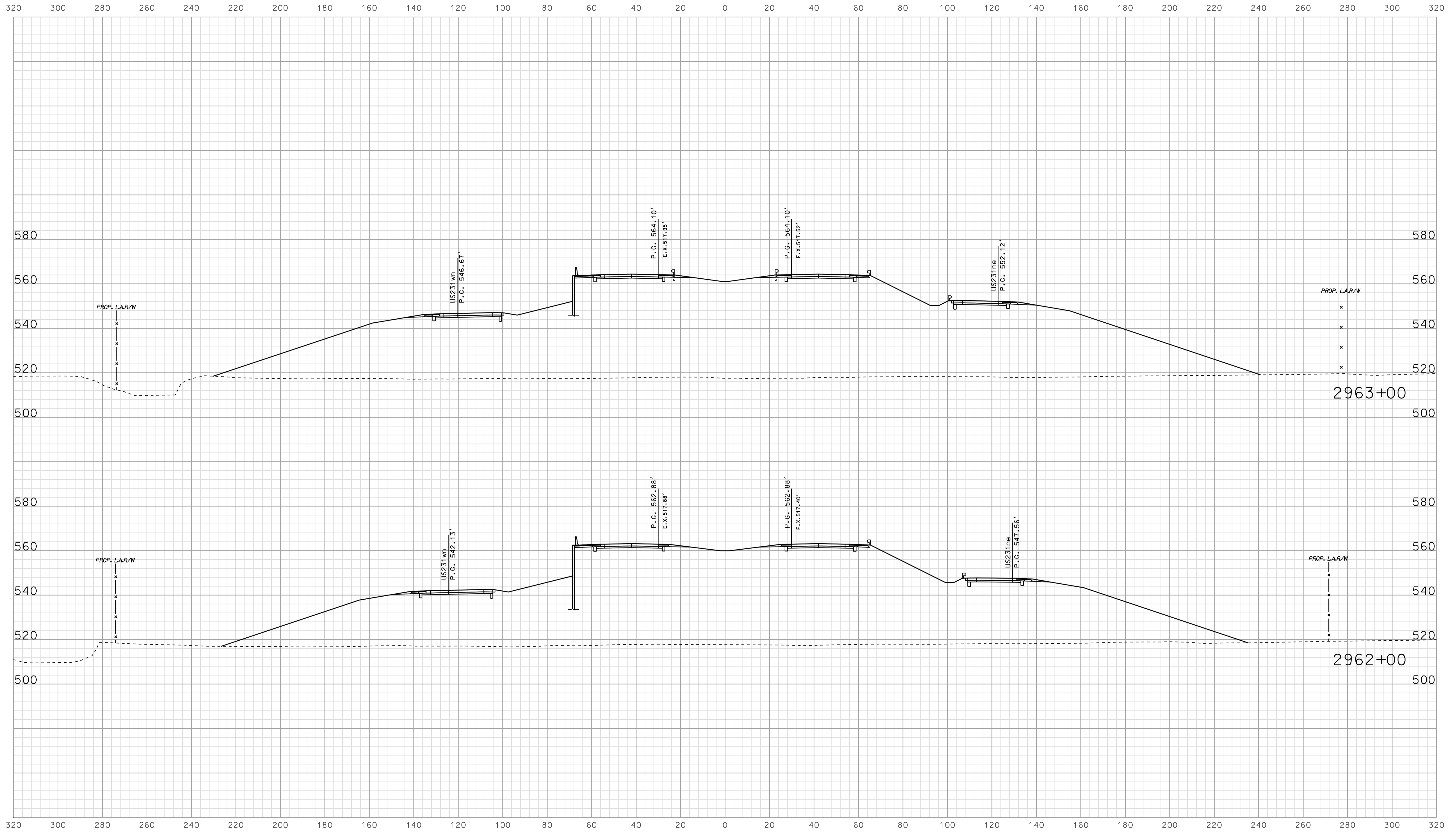


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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

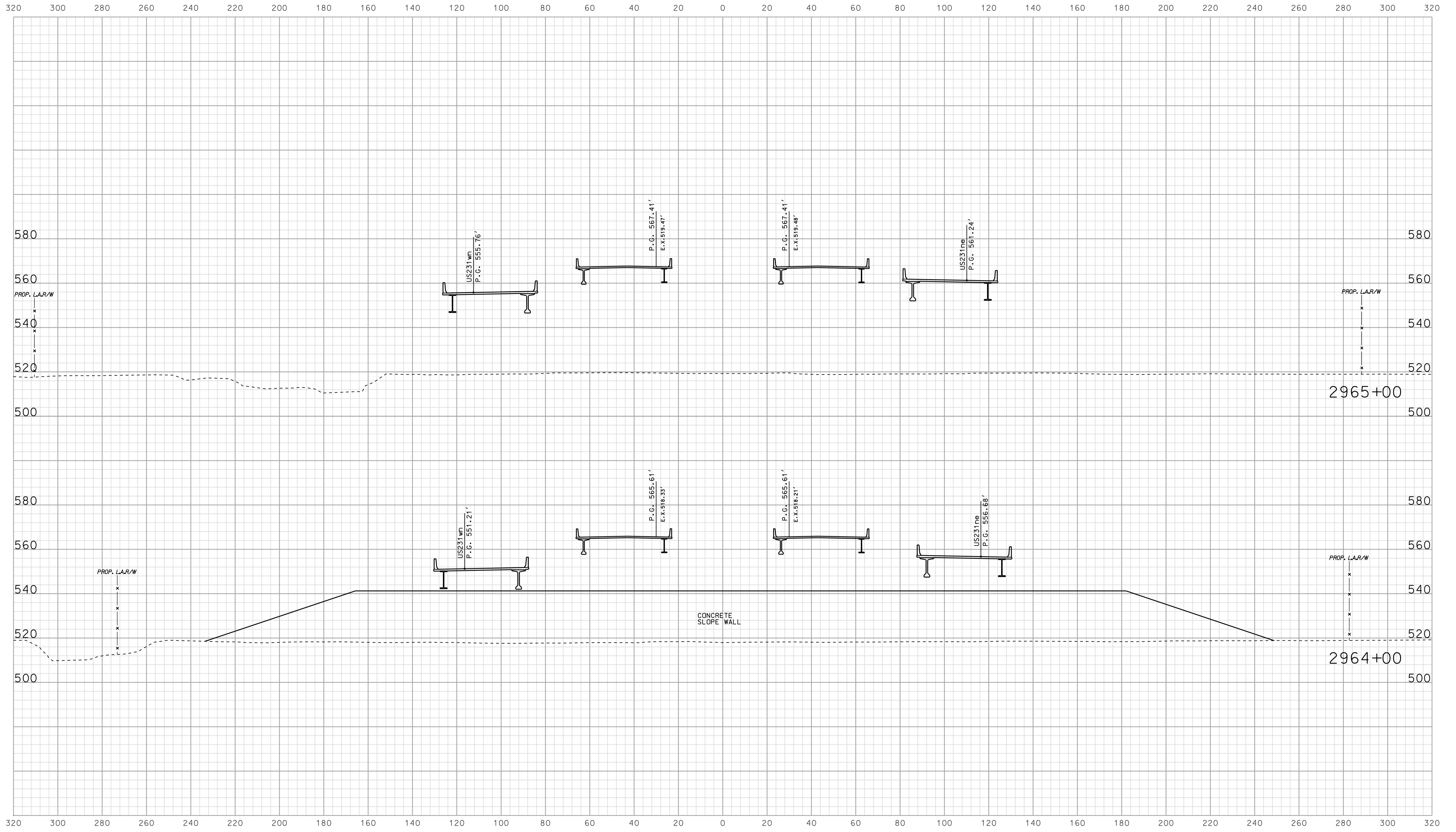
INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-135	279 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	



09/12  
 IP\_PWP-8160025A-SEGIS35136.dgn

RECOMMENDED FOR APPROVAL	_____ DESIGN ENGINEER      DATE		INDIANA DEPARTMENT OF TRANSPORTATION			HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
	DESIGNED: <b>BJO</b> DRAWN: <b>DH</b> CHECKED: <b>NOH</b> CHECKED: <b>DMA</b>		ROADWAY CROSS SECTIONS LINE "A"			VERTICAL SCALE 1" = 20'	DESIGNATION 0500445
					SURVEY BOOK IR-33051	DWG. NO. XS-136	SHEET NO. 280 of 373
					PROJECT 0500445		



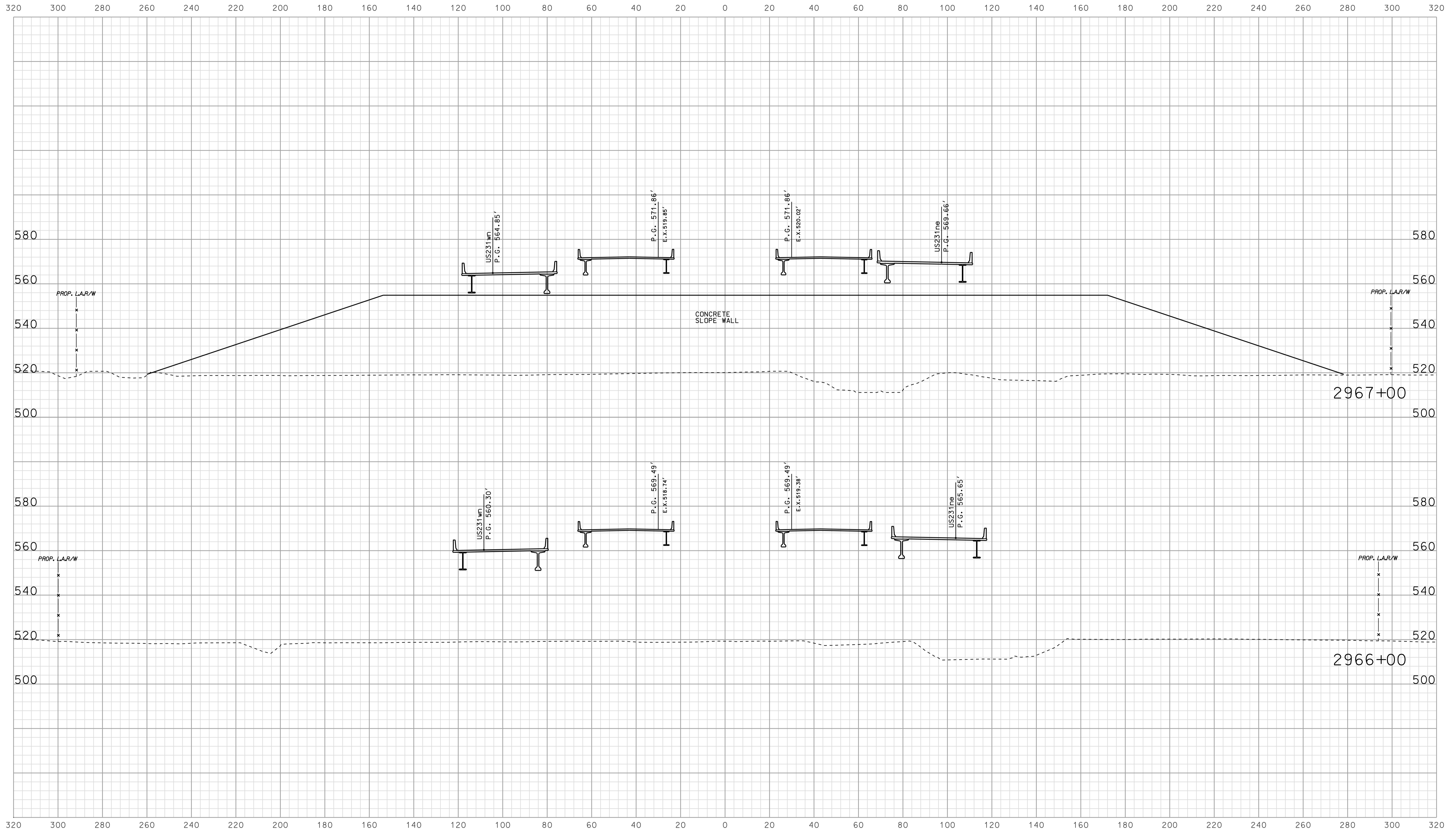
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-137	281 of 373	
PROJECT		PROJECT	
0500445		0500445	



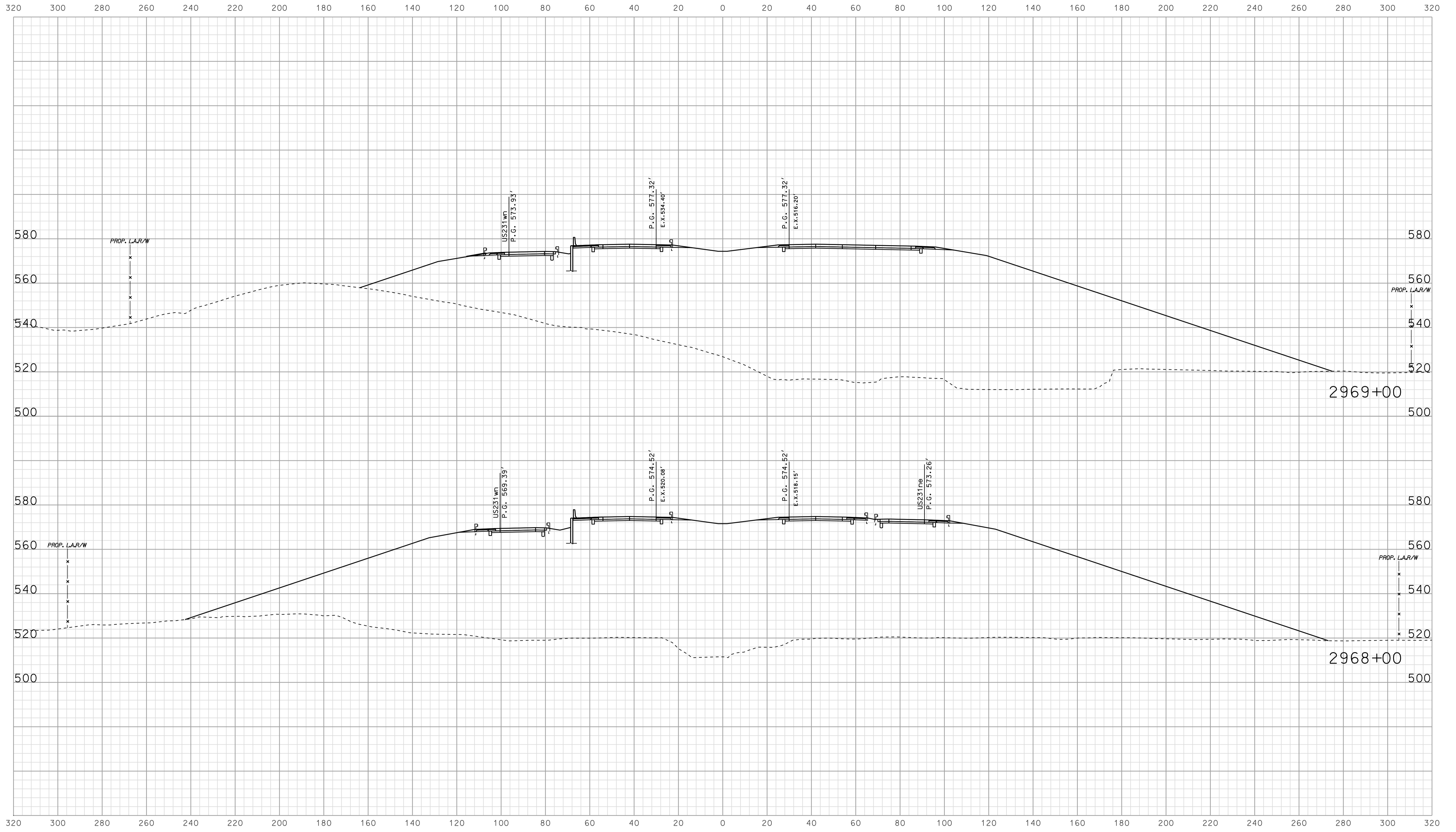


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 10/15/2010  
 IP\_PWP-0025A-SEGIS38.dgn

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: <b>BJO</b>	DRAWN: <b>DH</b>		
CHECKED: <b>NOH</b>	CHECKED: <b>DMA</b>		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-138	282 of 373
	PROJECT 0500445	

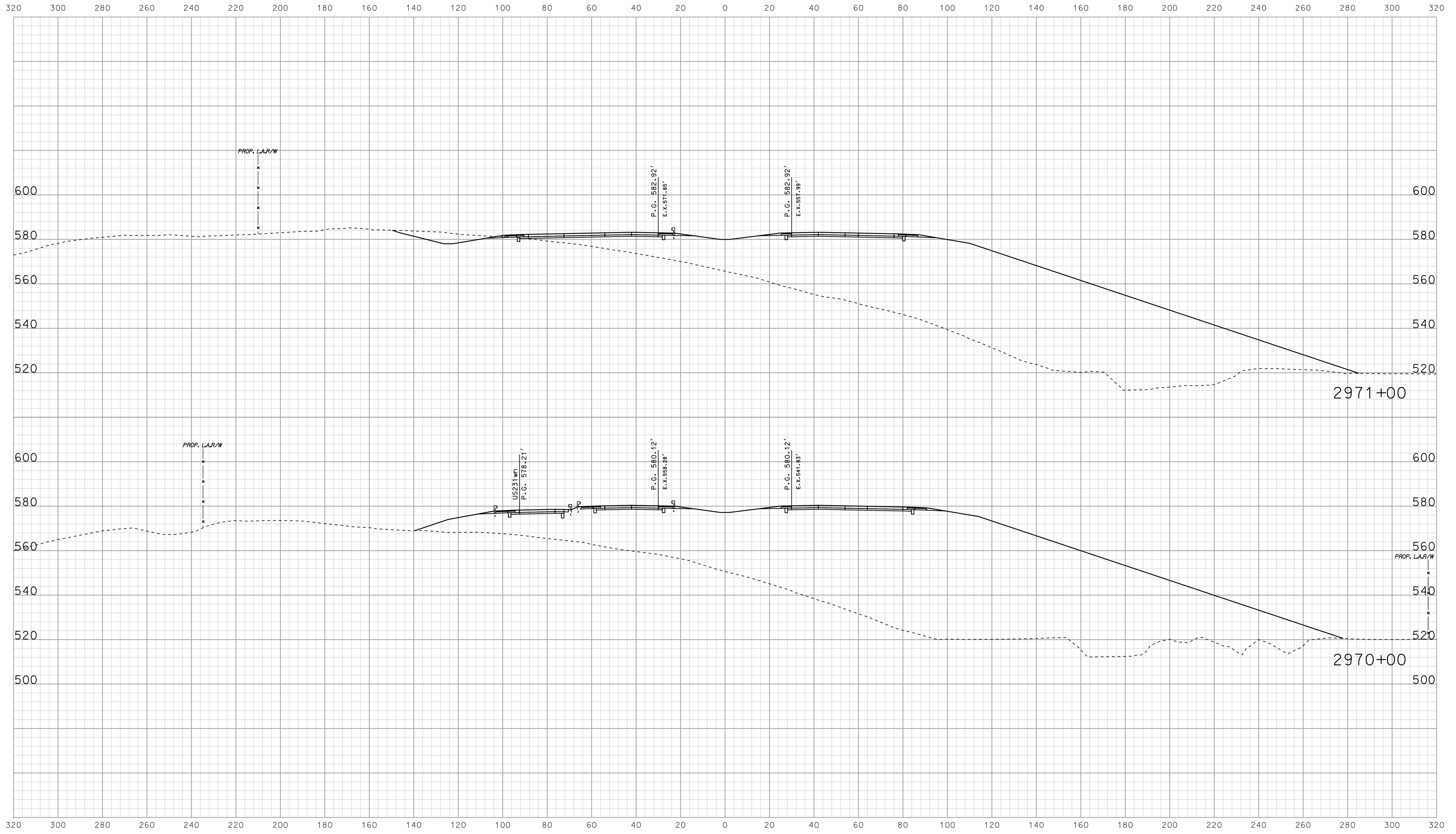


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 10/10/2010  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
1" = 20'	0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	XS-139	283 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

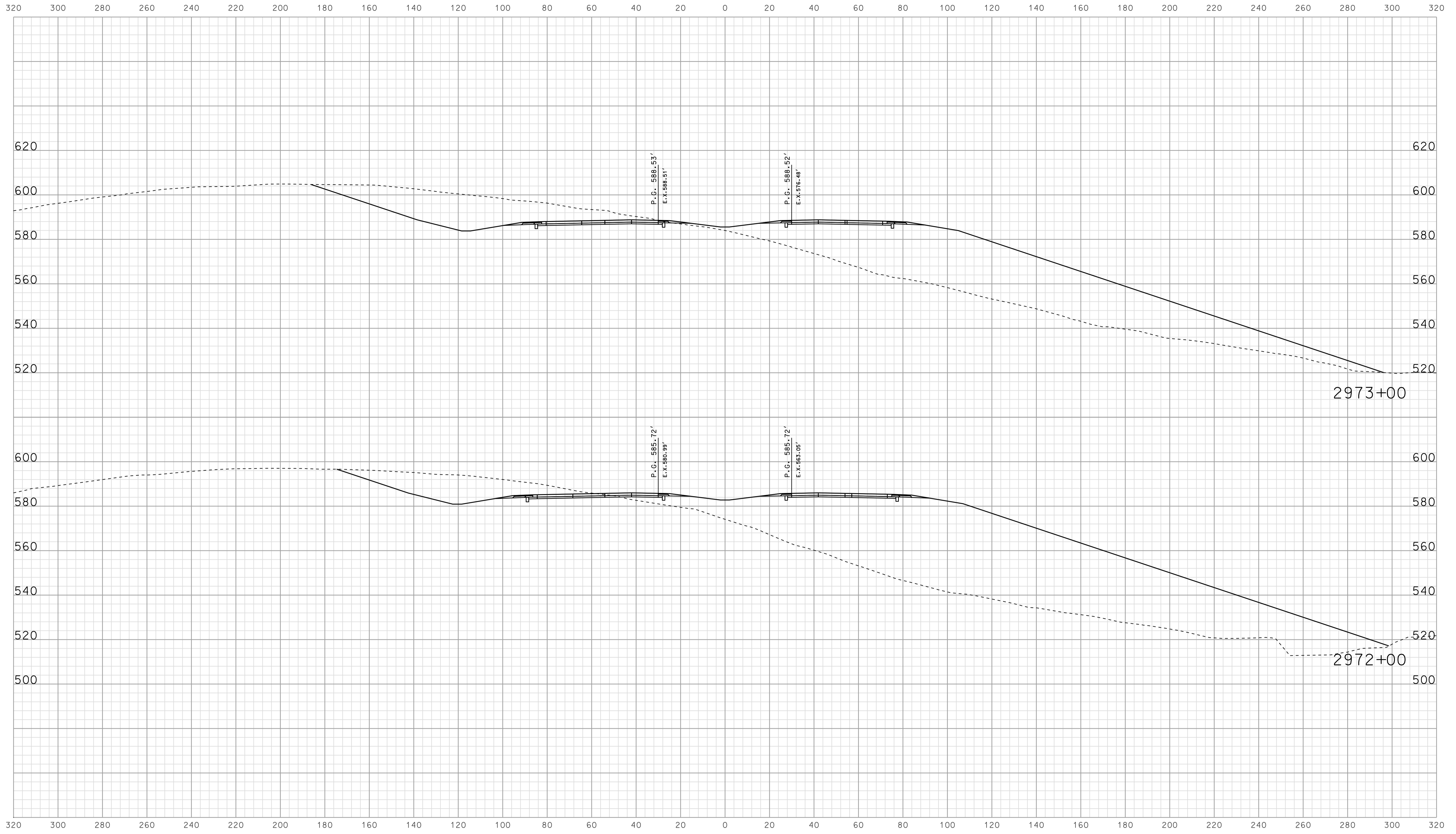


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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-140	284 of 373	
PROJECT		PROJECT	
0500445		0500445	

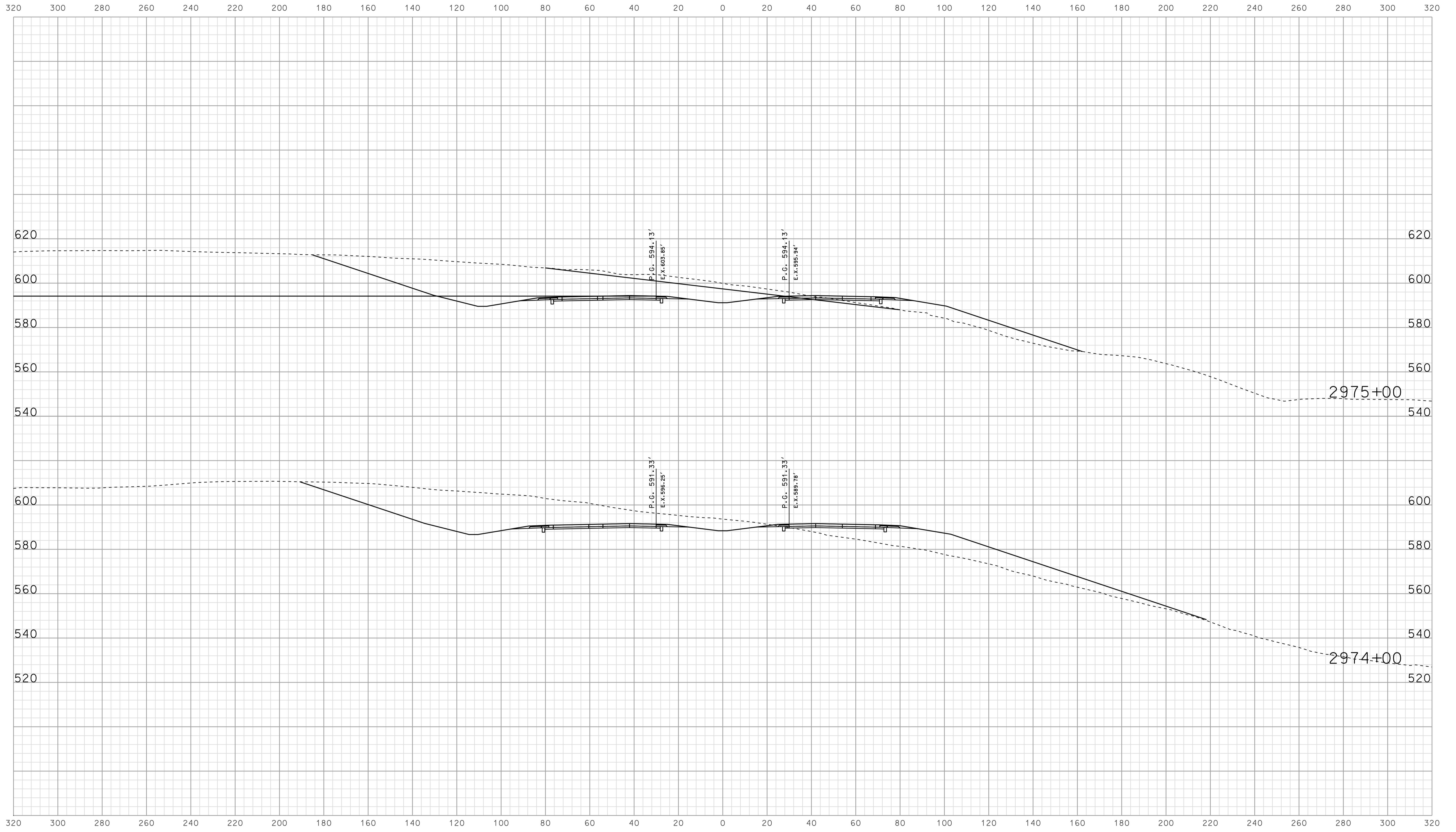


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 10/15/2010  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0500445	
SURVEY BOOK		DWG. NO.	SHEET NO.
		XS-141	285 of 373
CONTRACT		PROJECT	
IR-33051		0500445	



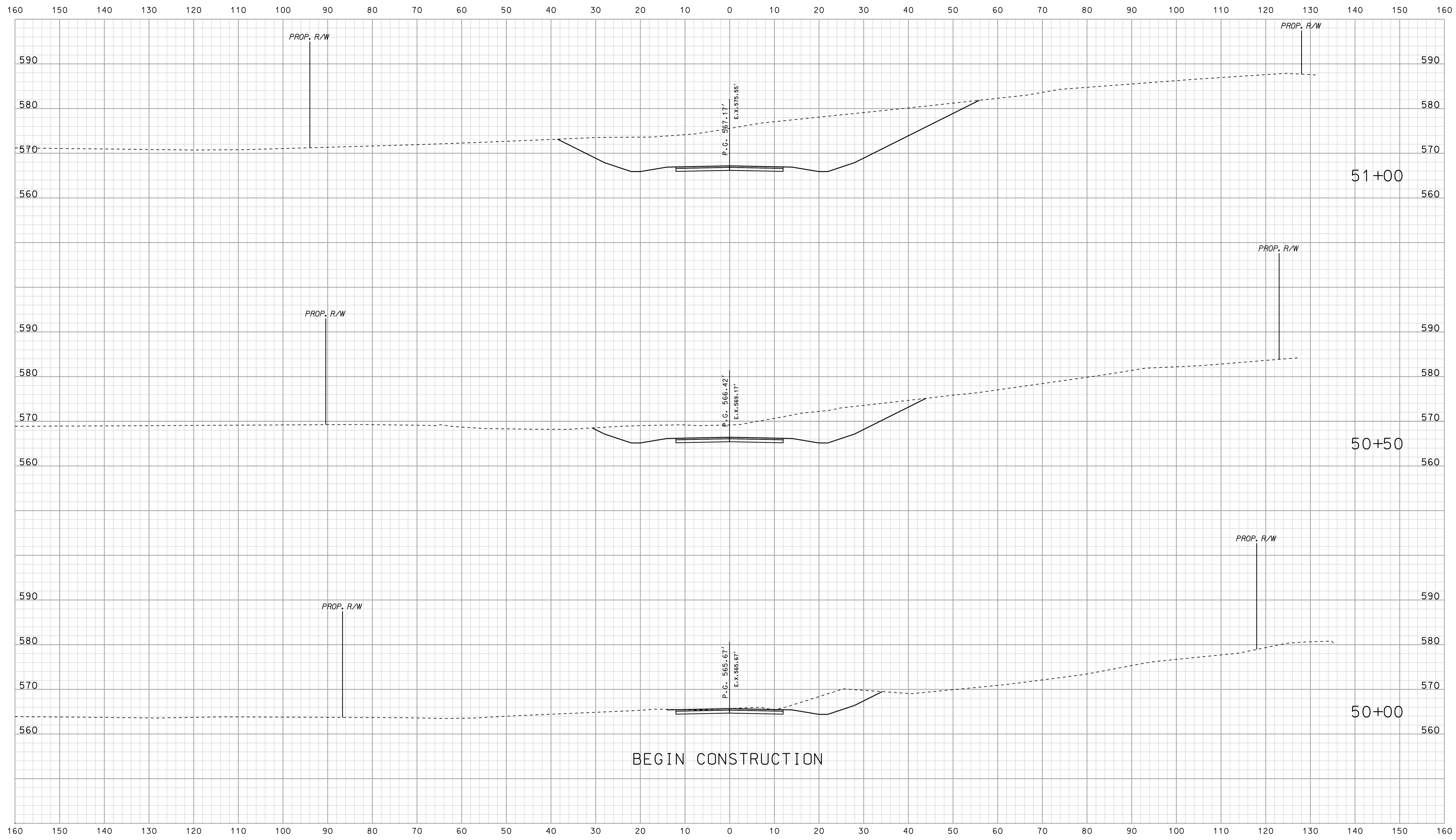
09/13  
 10/15/2010  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH		
CHECKED: NOH	CHECKED: DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-142	SHEET NO. 286 of 373
CONTRACT IR-33051	PROJECT 0500445	

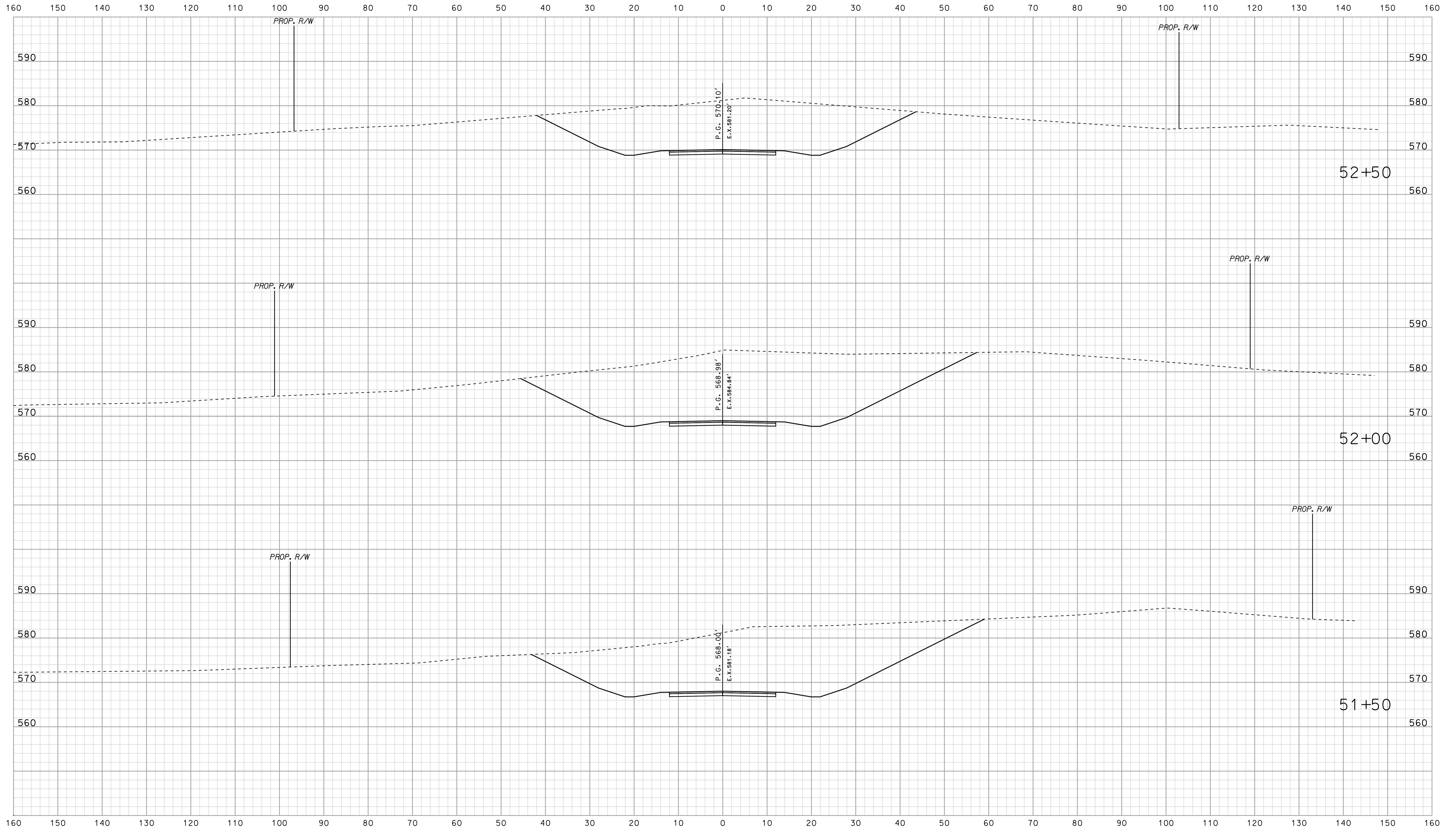
IR-33051, CROSS SECTIONS PART 4 OF 4



09.32  
 \*\*\*\*\*DISSEMINATION\*\*\*\*\*

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION			HORIZONTAL SCALE		BRIDGE FILE
						1" = 10'		DESIGNATION
DESIGNED: BJO	DRAWN: DH		ROADWAY CROSS SECTIONS LINE "PR-AR 20"			VERTICAL SCALE		
CHECKED: NDH	CHECKED: DMA					1" = 10'		0500445
						SURVEY BOOK	DWG. NO.	SHEET NO.
			CONTRACT	XS-143	287 of 373			
			IR-33051	PROJECT	0500445			

Scale 1 inch = 10 feet



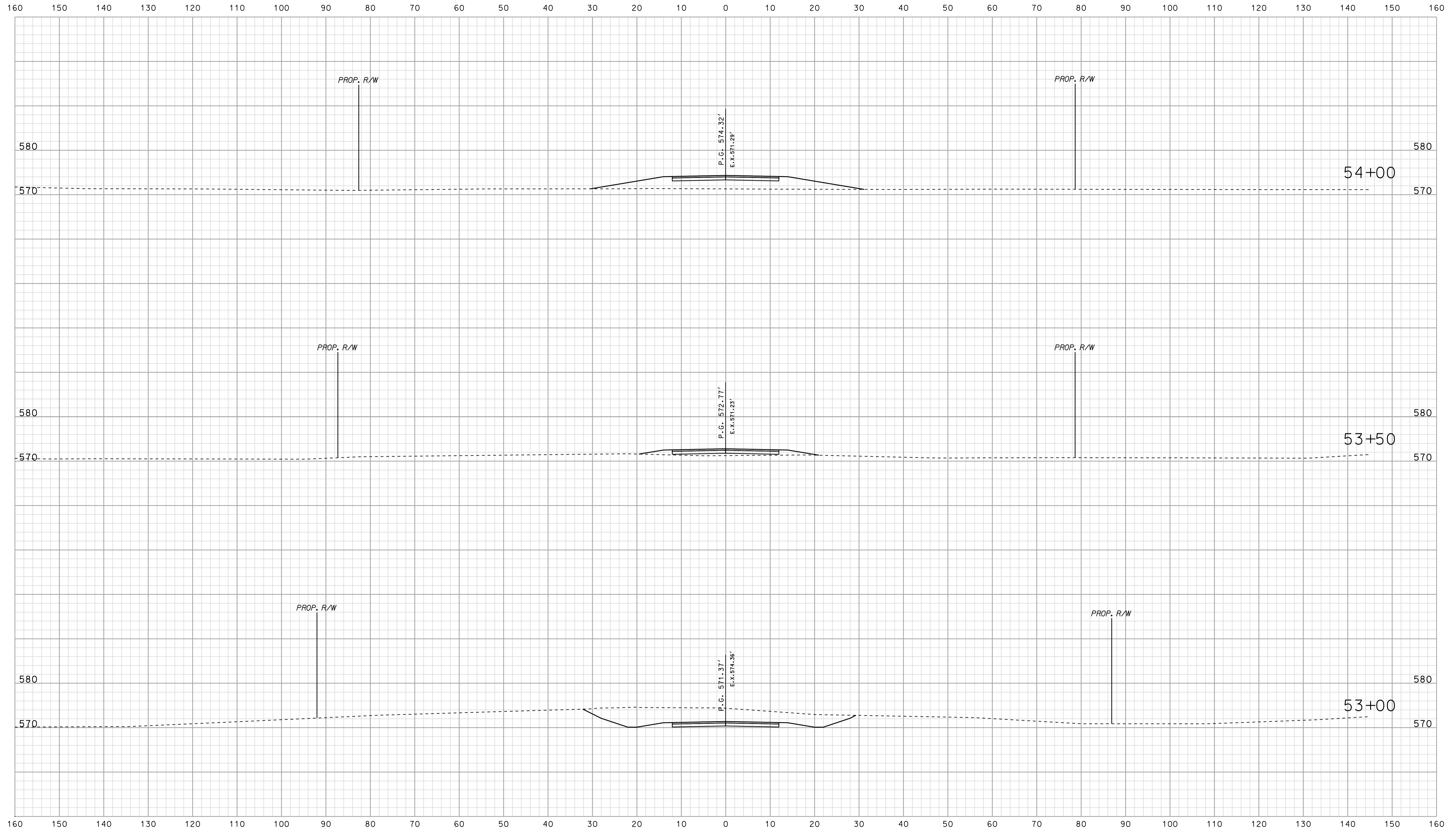
09-32  
\*\*\*\*\*SPECIFICATION\*\*\*\*\*

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER		DATE	
	DESIGNED: BJO	DRAWN: DH		
CHECKED: NDH	CHECKED: DMA			

INDIANA  
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS  
LINE "PR-AR 20"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-144	SHEET NO. 288 of 373
CONTRACT IR-33051	PROJECT 0500445	



\*\*\*\*\*DISCLAIMER\*\*\*\*\*  
 \*\*\*\*\*SPECIFICATION\*\*\*\*\*  
 09-32

	RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE		
	DESIGNED: BJO		DRAWN: DH				
CHECKED: NDH		CHECKED: DMA					

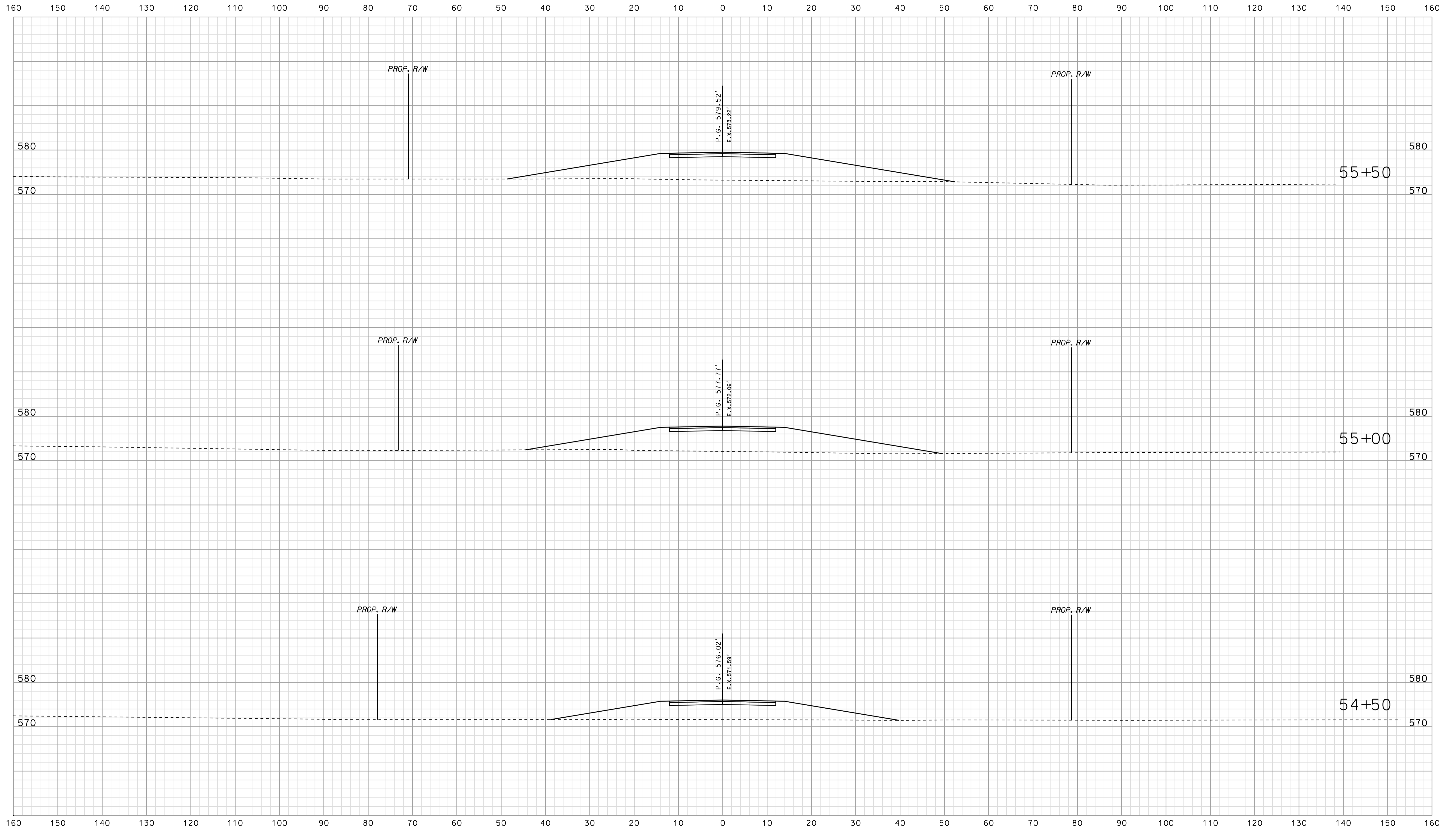
INDIANA  
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS  
LINE "PR-AR 20"

HORIZONTAL SCALE 1" = 10'		BRIDGE FILE	
VERTICAL SCALE 1" = 10'		DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	IR-33051	XS-145	289 of 373
PROJECT		0500445	



Scale 1 inch = 10 feet



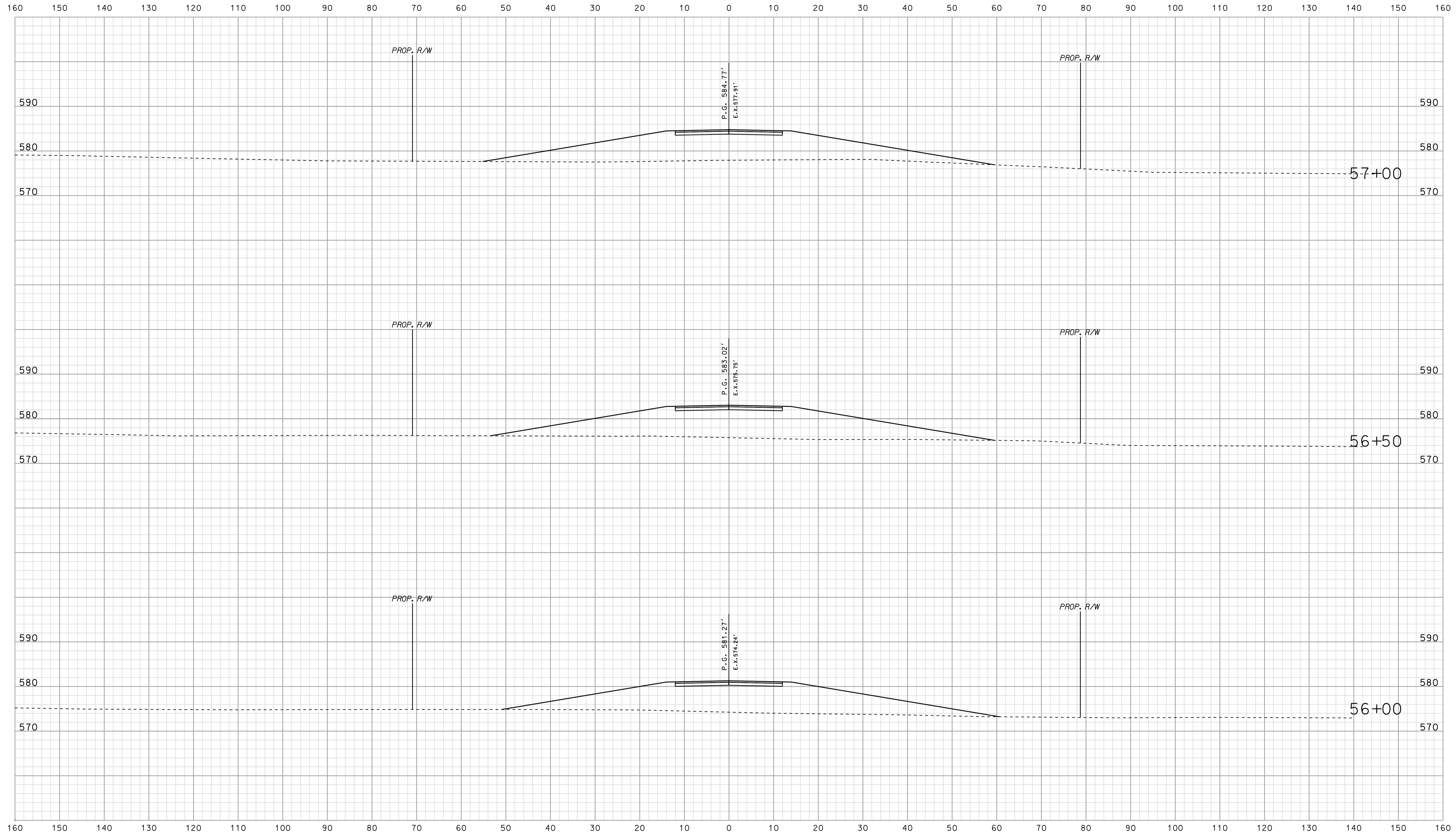
\*\*\*\*\*CONSISTENT SPECIFICATION\*\*\*\*\*

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH	
CHECKED: NDH	CHECKED: DMA	

INDIANA  
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS  
LINE "PR-AR 20"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-146	290 of 373
	PROJECT	0500445

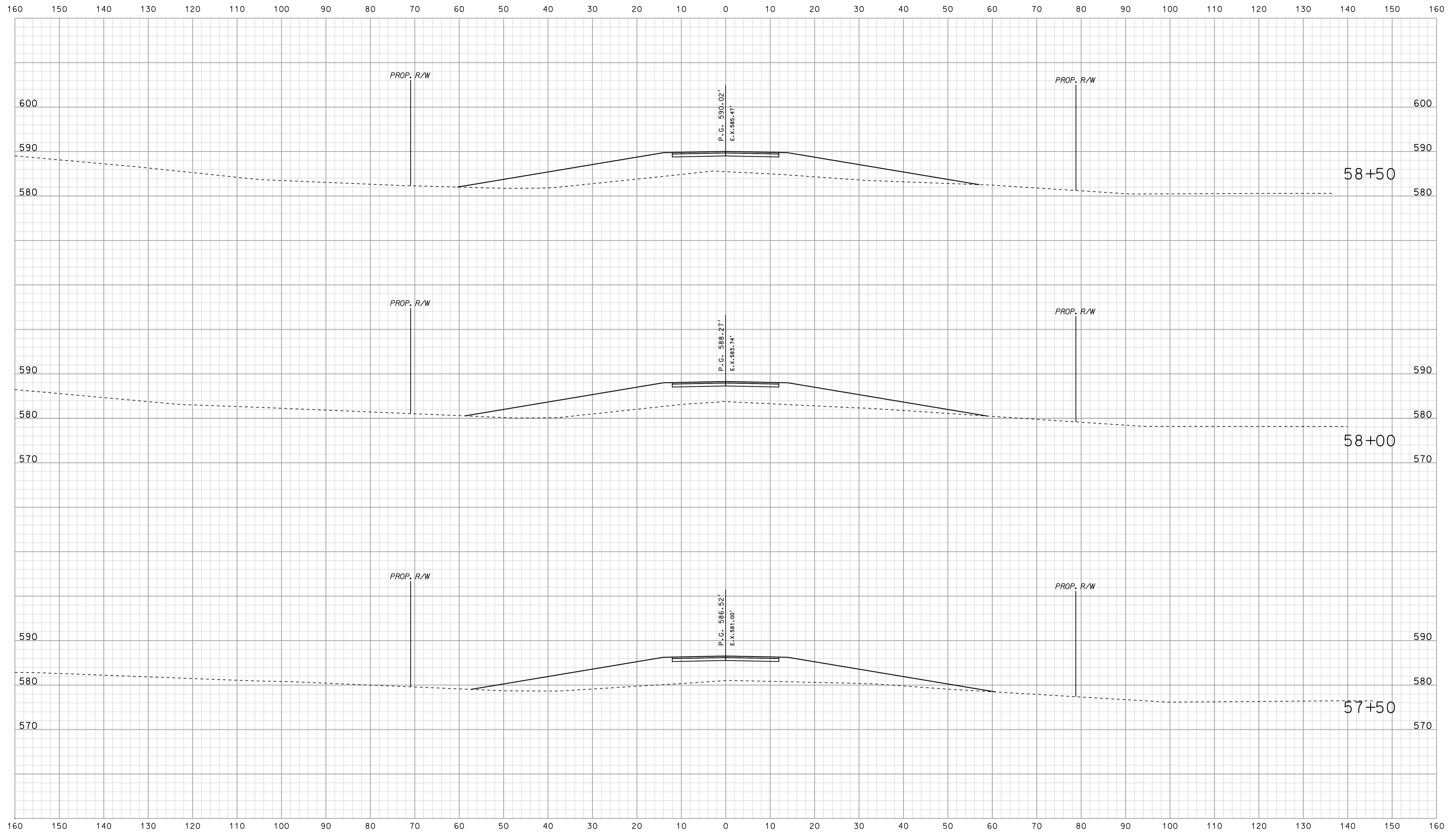


\*\*\*\*\*  
 09-32  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-AR 20"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-147	291 of 373
	PROJECT	0500445

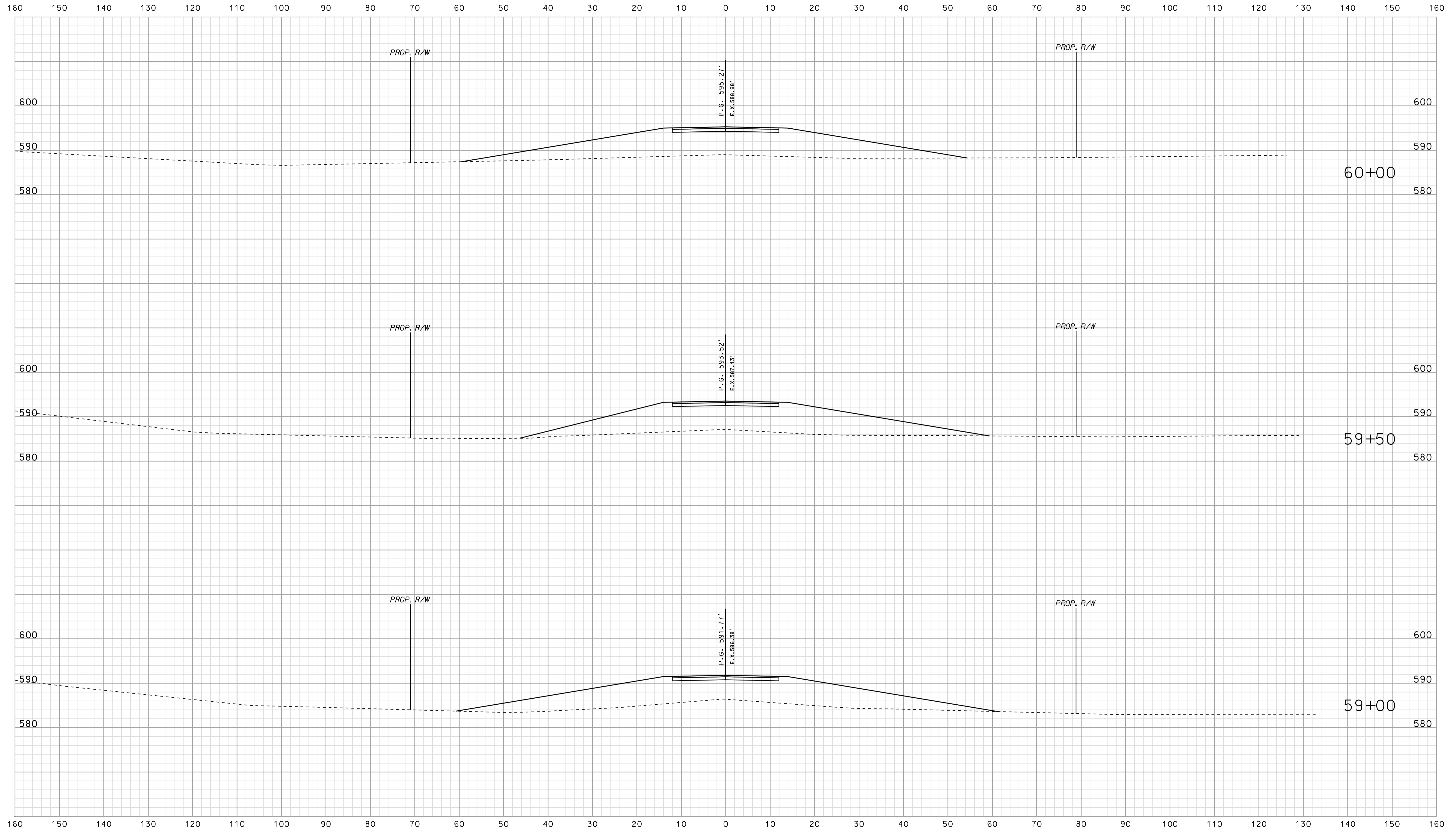


09-33  
 \*\*\*\*\*SPECIFICATION\*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-AR 20"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-148	SHEET NO. 292 of 373
CONTRACT IR-33051	PROJECT 0500445	

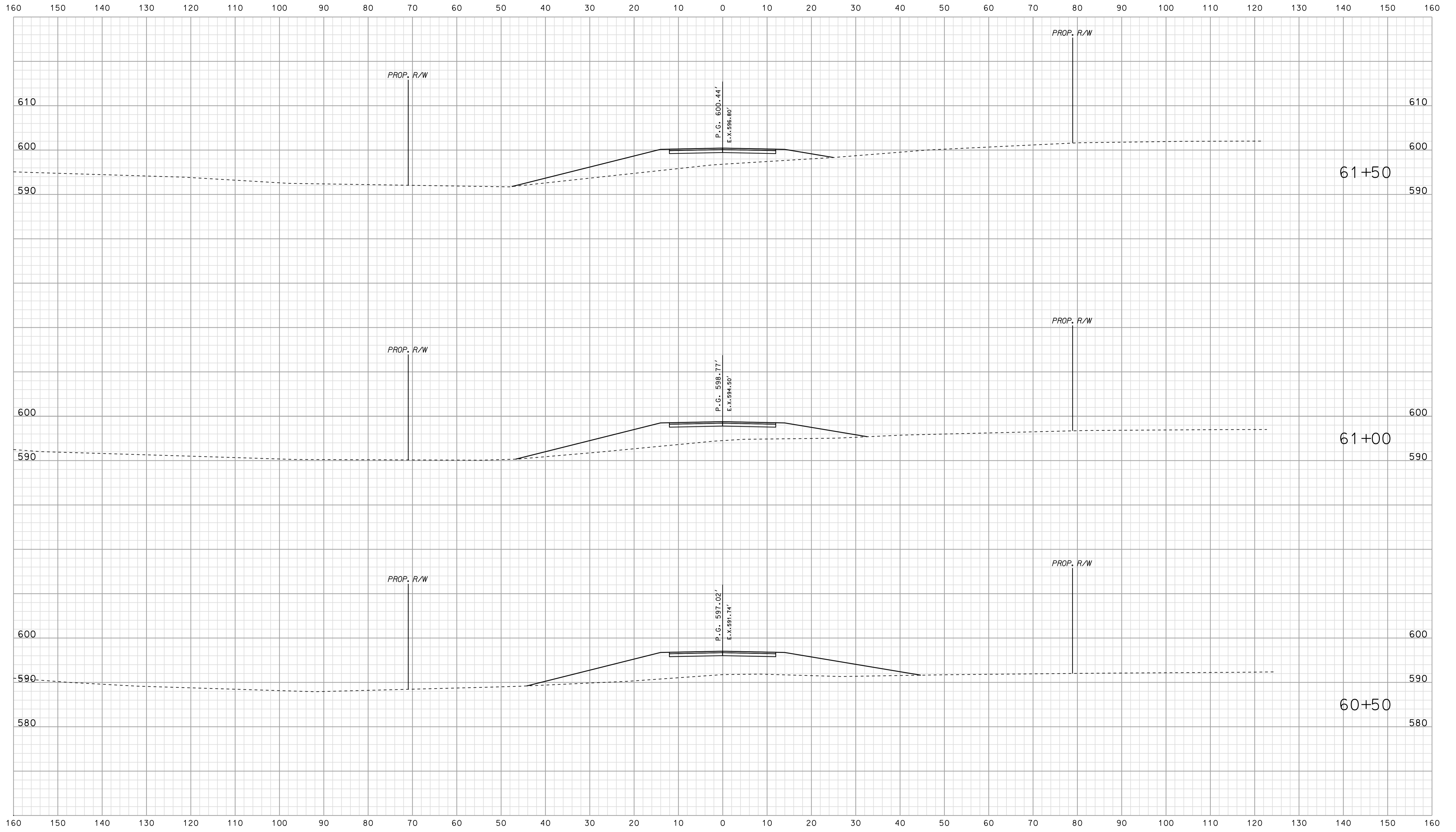


\*\*\*\*\*  
 09-33  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-AR 20"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	XS-149	293 of 373
PROJECT	0500445	

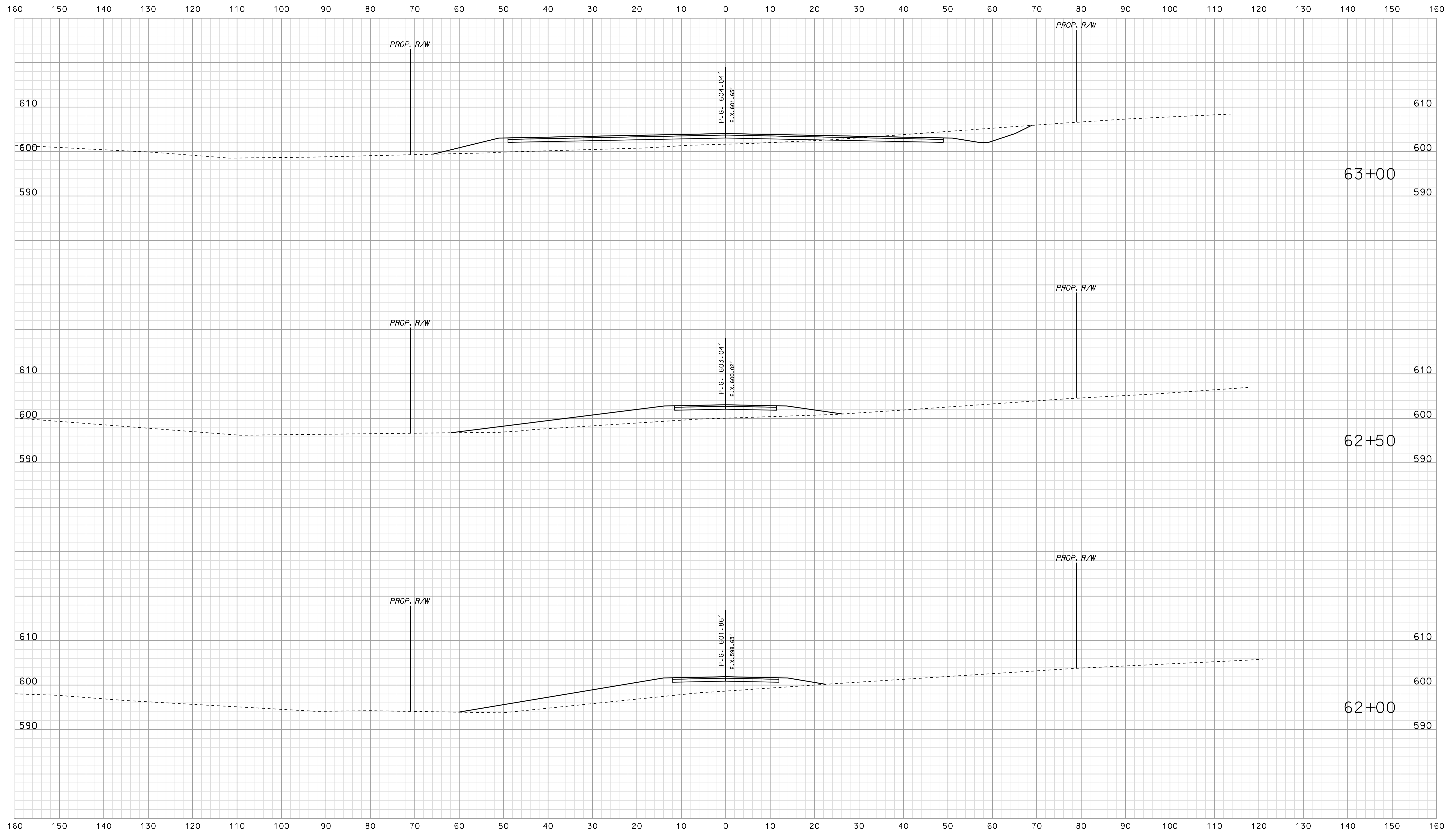


\*\*\*\*\*  
 09-33  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-AR 20"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-150	SHEET NO. 294 of 373
CONTRACT IR-33051	PROJECT 0500445	



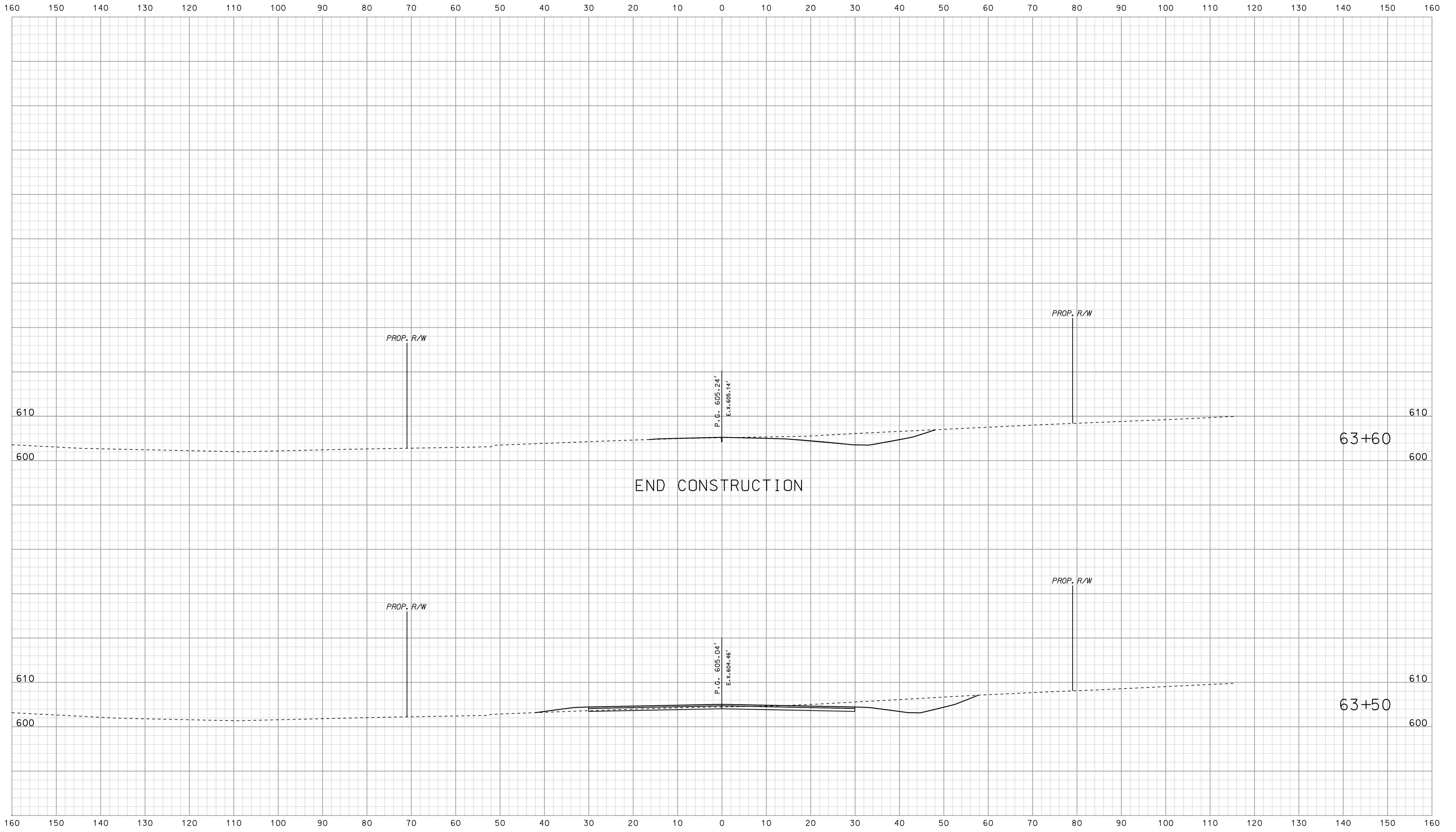
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 09-33  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-AR 20"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-151	295 of 373
	PROJECT	0500445

Scale 1 inch = 10 feet

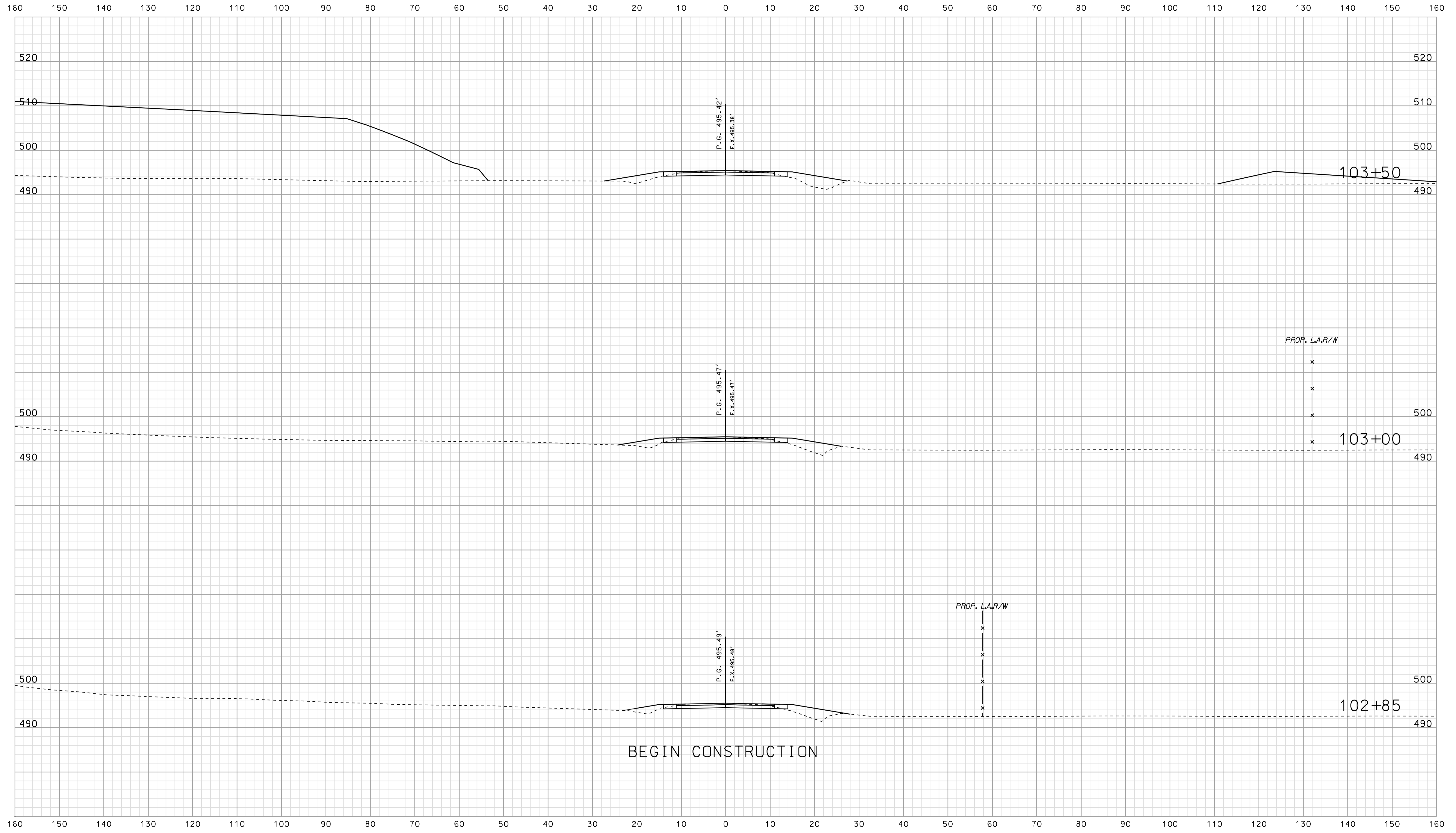


09-33  
 \*\*\*\*\*SPECIFICATION\*\*\*\*\*

	RECOMMENDED FOR APPROVAL _____	
	DESIGN ENGINEER _____	DATE _____
DESIGNED: BJO	DRAWN: DH	
CHECKED: NDH	CHECKED: DMA	

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 ROADWAY CROSS SECTIONS  
 LINE "PR-AR 20"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-152	SHEET NO. 296 of 373
CONTRACT IR-33051	PROJECT 0500445	



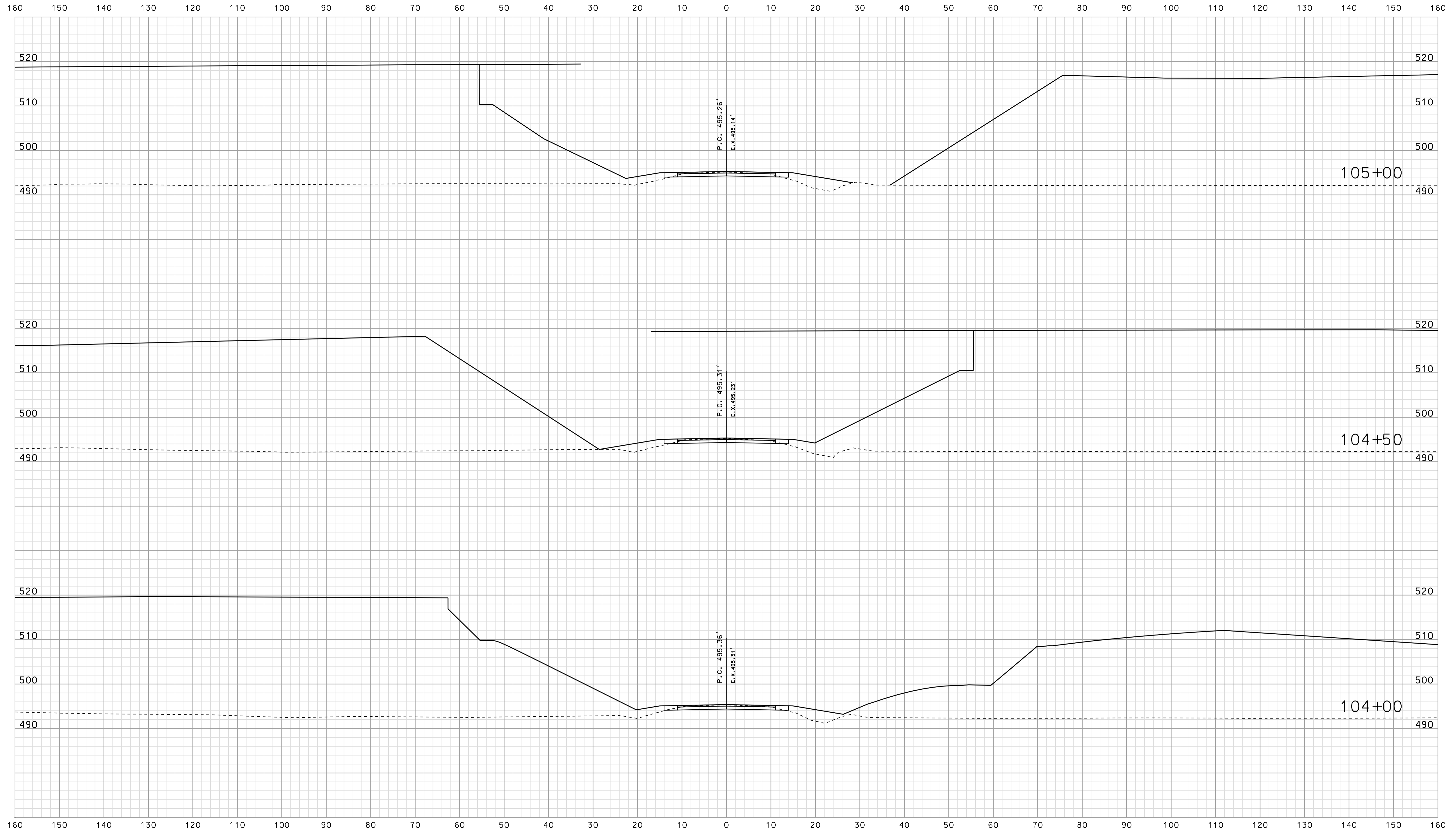
\*\*\*\*\*09-33 \*\*\*\*\*  
 \*\*\*\*\*CONSTRUCTION\*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

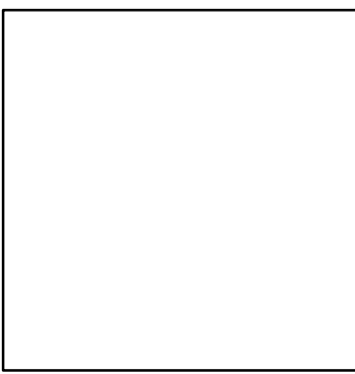
INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 ROADWAY CROSS SECTIONS  
 LINE "PR-CR 900 E"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-153	297 of 373
	PROJECT	0500445





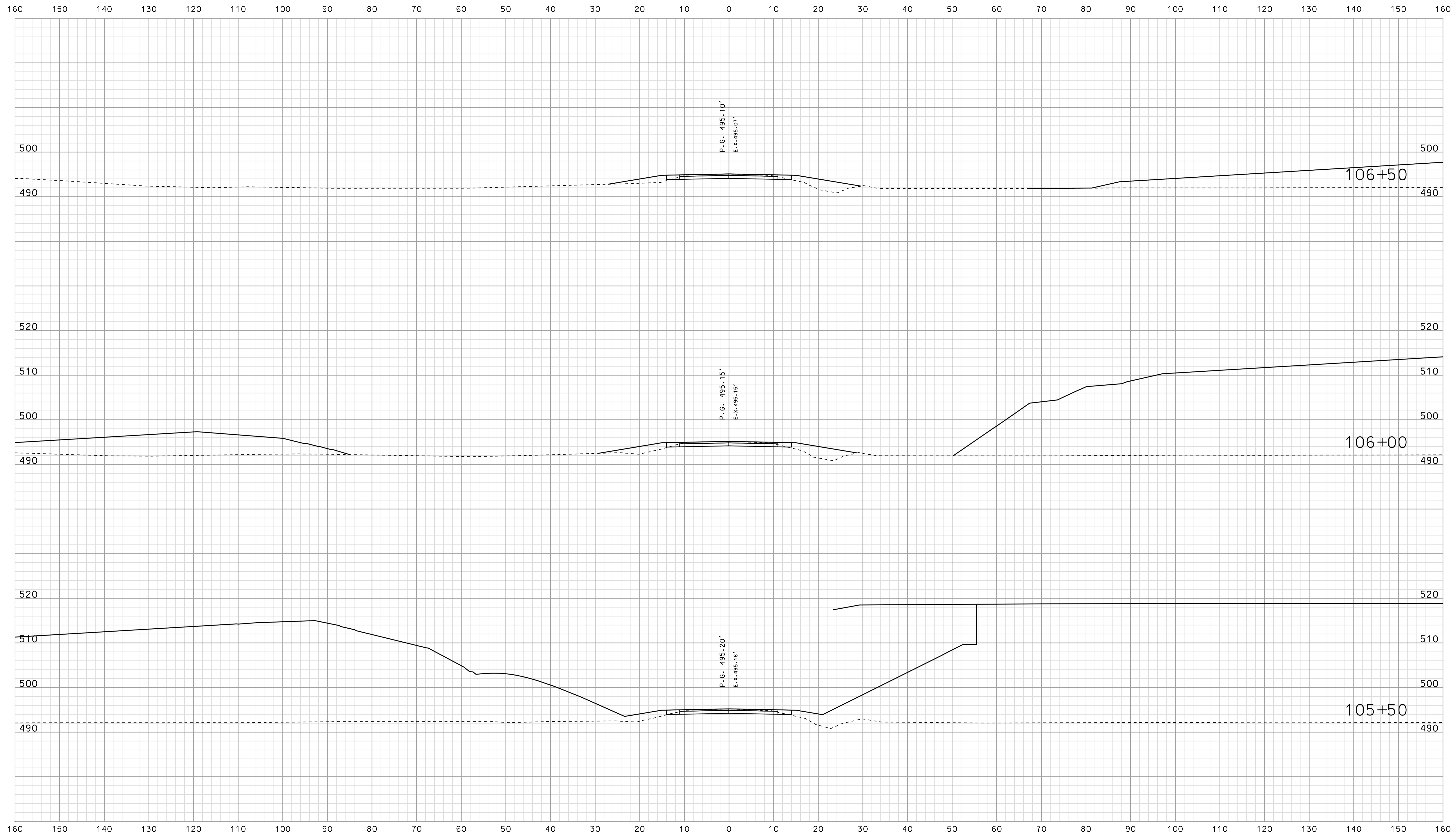
\*\*\*\*\*CONSISTENCY\*\*\*\*\*  
 \*\*\*\*\*SPECIFICATION\*\*\*\*\*  
 \*\*\*\*\*09-33\*\*\*\*\*



RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH		
CHECKED: NDH	CHECKED: DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 ROADWAY CROSS SECTIONS  
 LINE "PR-CR 900 E"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-154	SHEET NO. 298 of 373
CONTRACT IR-33051	PROJECT 0500445	

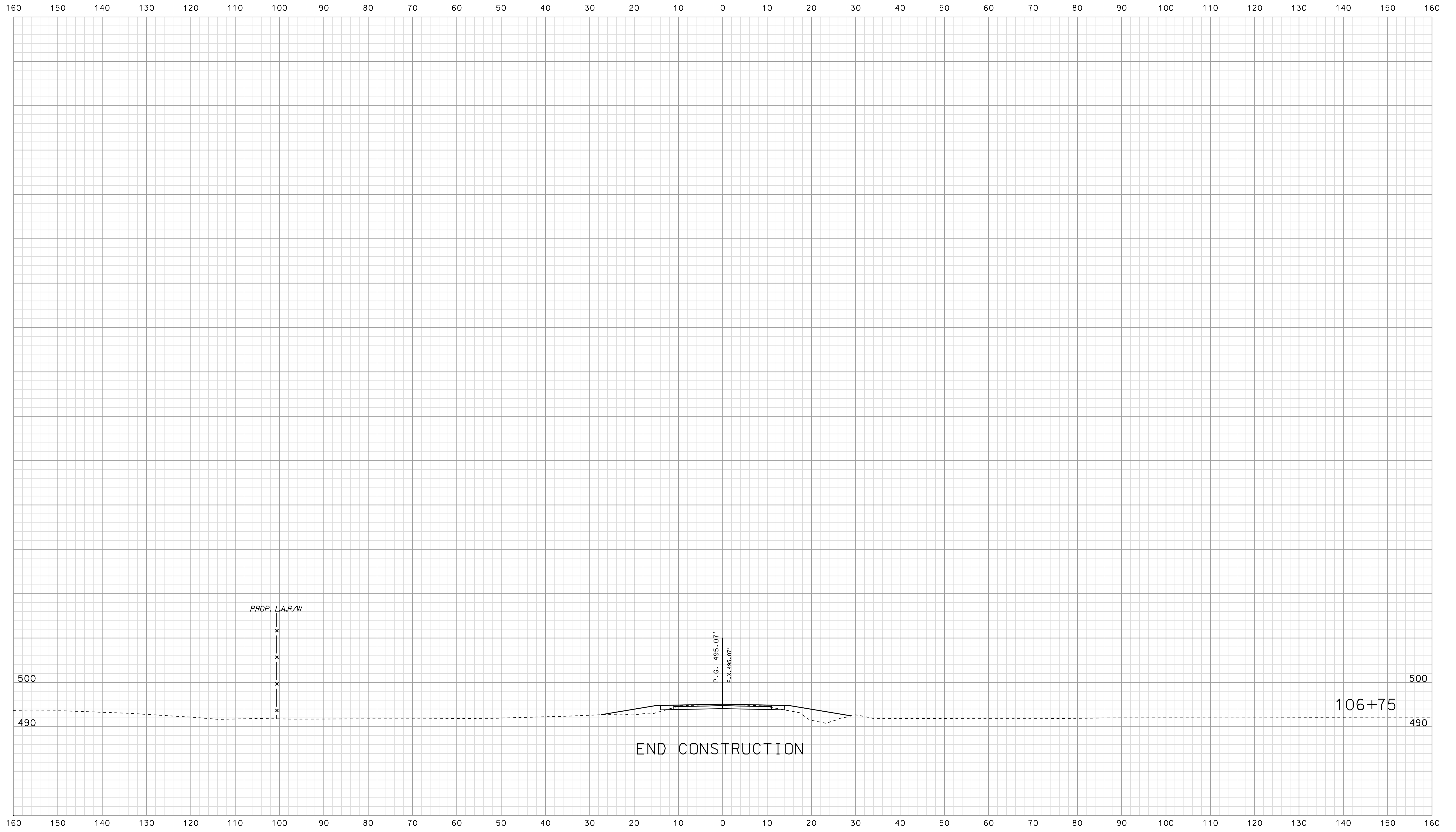


\*\*\*\*\*09-24 \*\*\*\*\*  
 \*\*\*\*\*CONSTRUCTION\*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE
DESIGNED: BJO	DRAWN: DH			
CHECKED: NDH	CHECKED: DMA			

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-CR 900 E"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-155	299 of 373
	PROJECT 0500445	



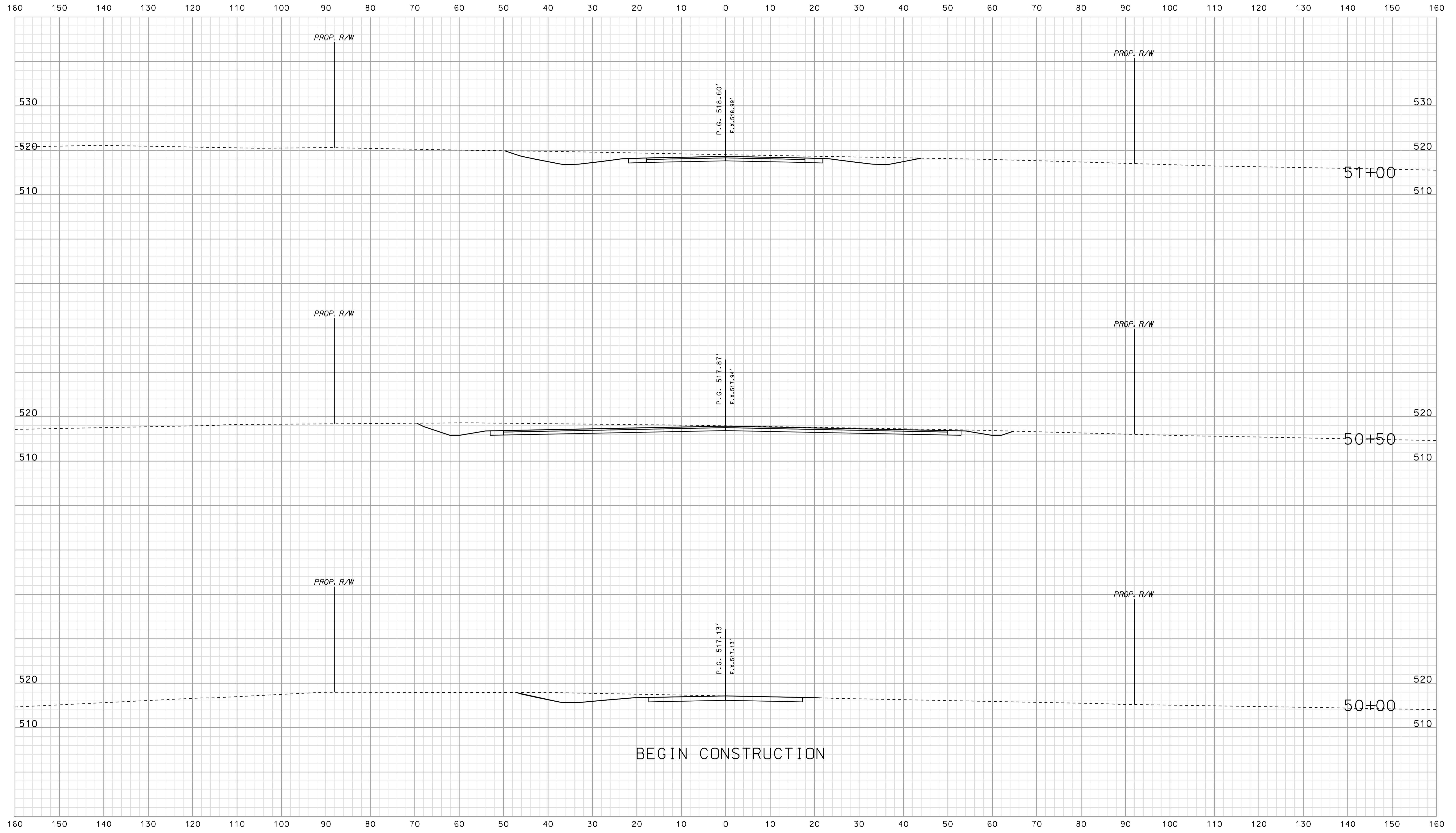
09-34  
 \*\*\*\*\*CONSTRUCTION\*\*\*\*\*

RECOMMENDED FOR APPROVAL

DESIGNED: TAH	DRAWN: DH
CHECKED: NDH	CHECKED: DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 ROADWAY CROSS SECTIONS  
 LINE "PR-CR 900 E"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-156	300 of 373
	PROJECT 0500445	



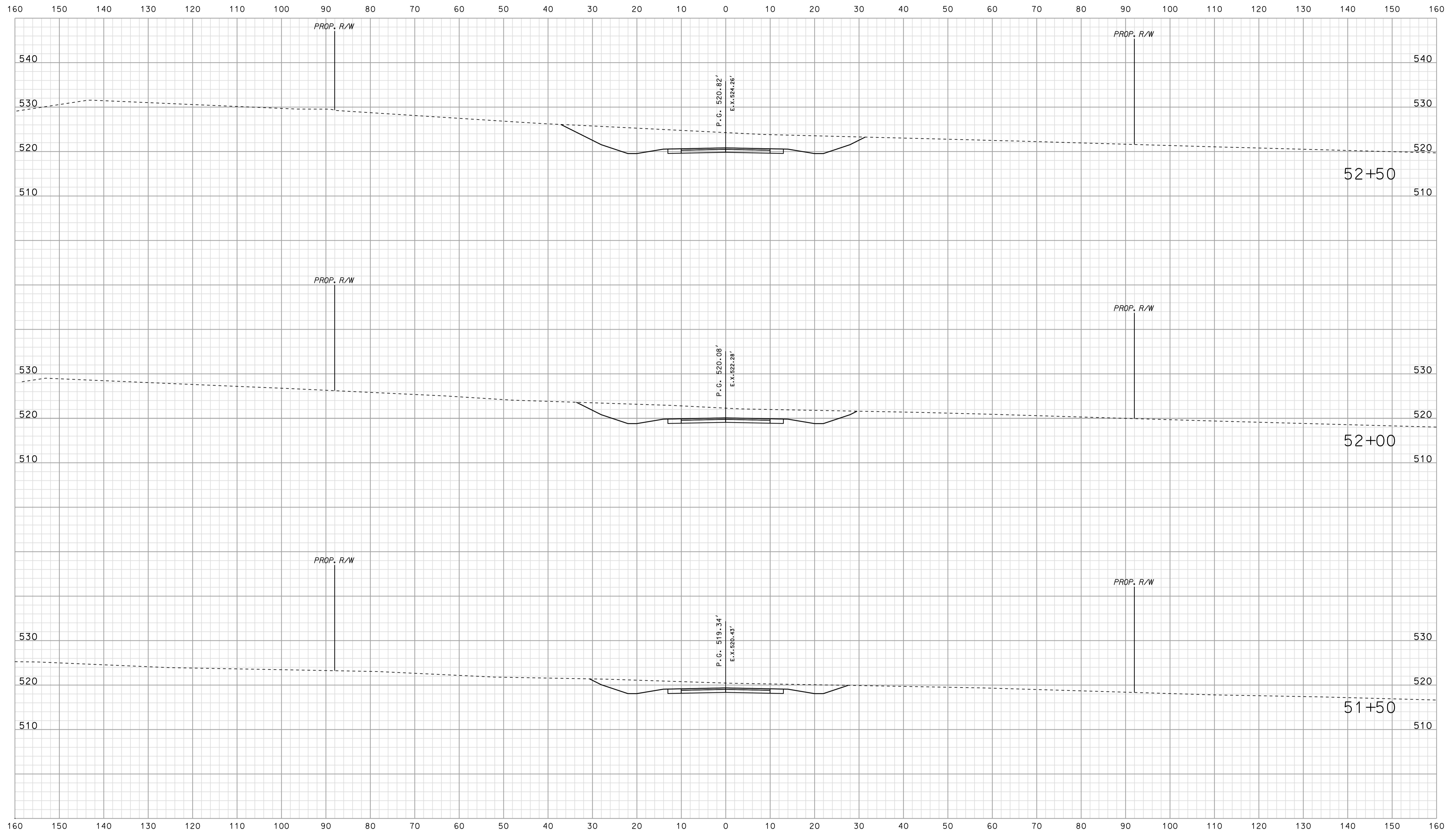
BEGIN CONSTRUCTION

\*\*\*\*\*  
 09-34  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-AR 30"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-157	301 of 373
	PROJECT	0500445

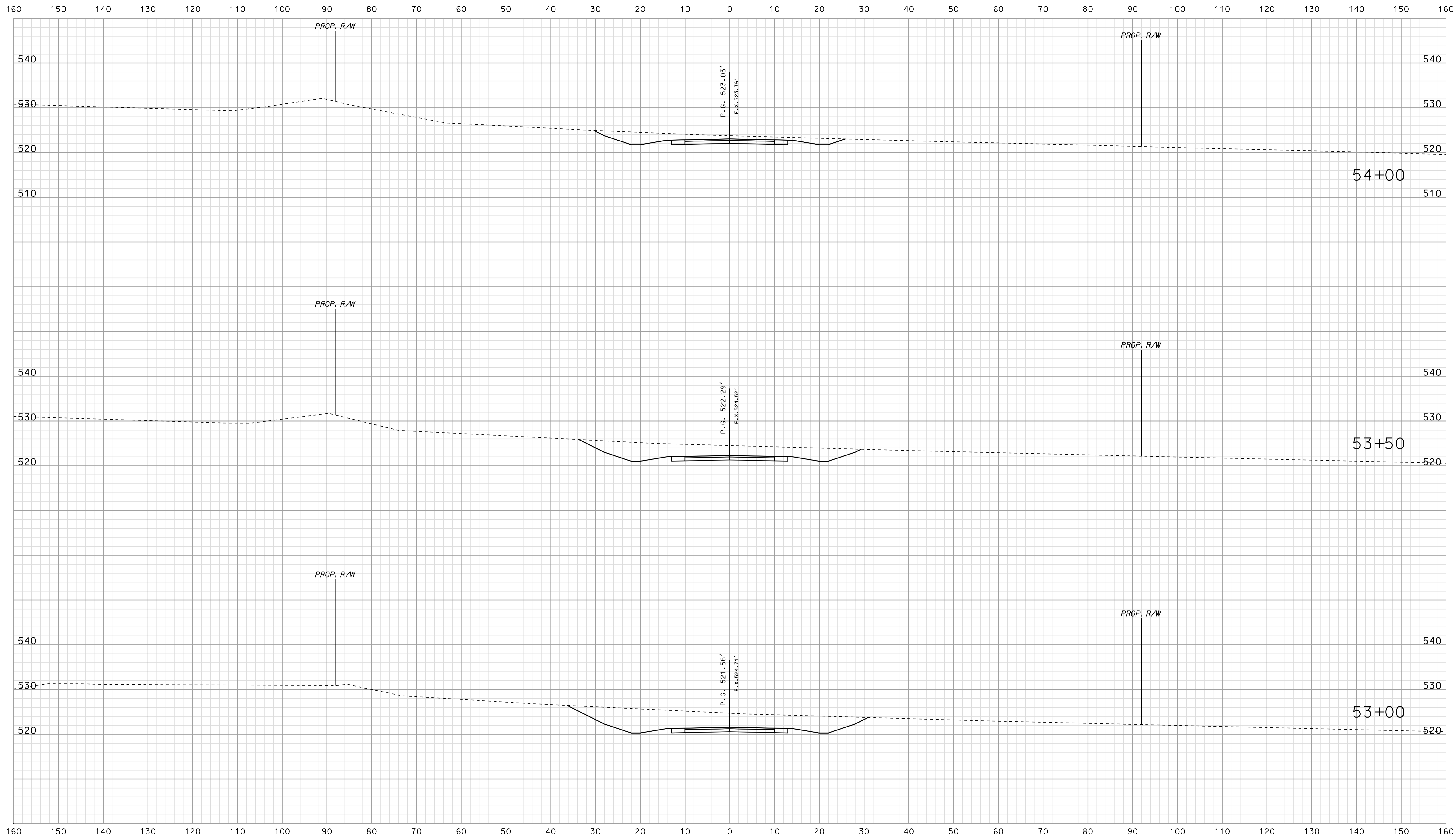


\*\*\*\*\*  
 09-34  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-AR 30"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-158	SHEET NO. 302 of 373
CONTRACT IR-33051	PROJECT 0500445	



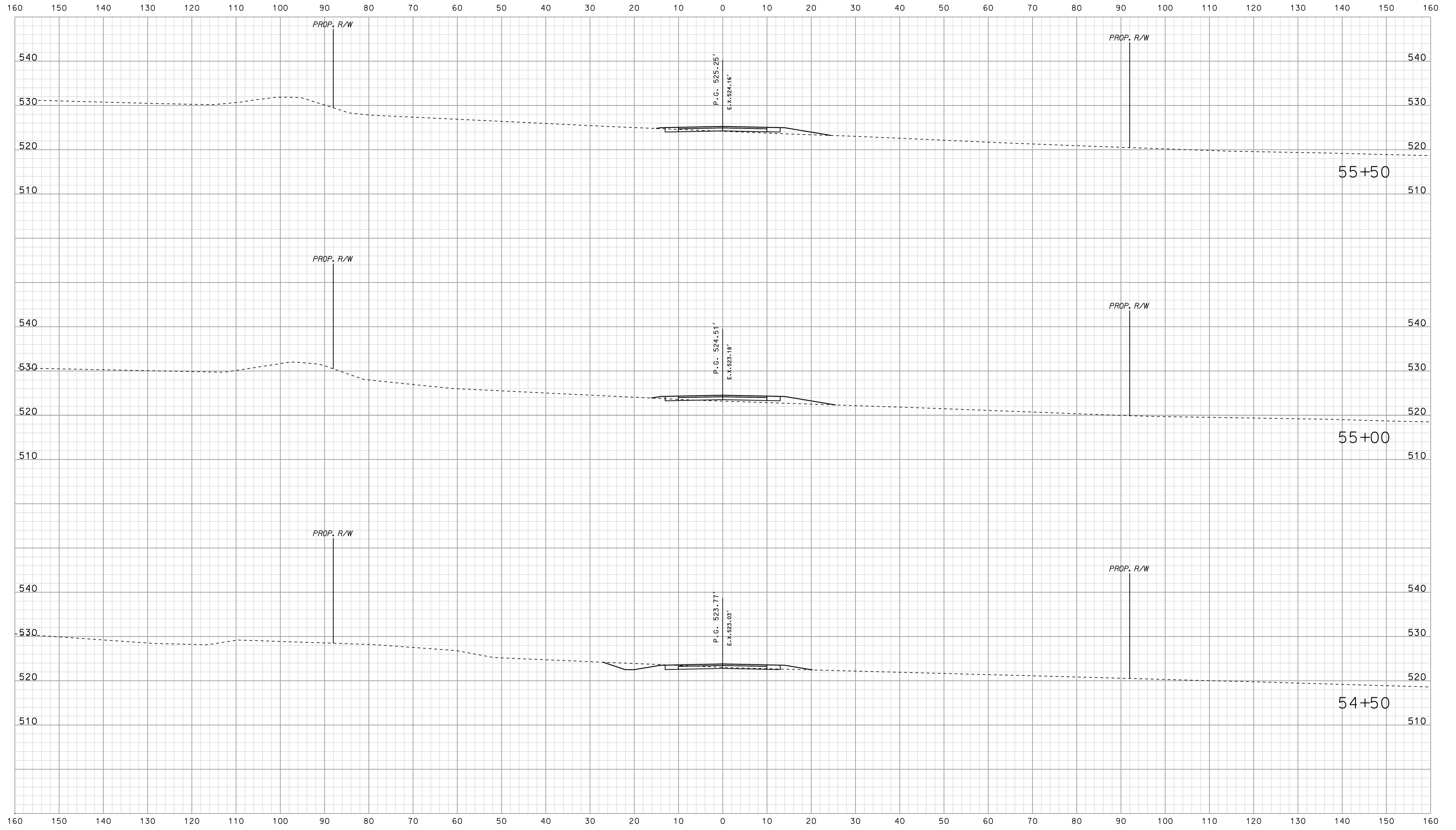
09-34  
\*\*\*\*\*SPECIFICATION\*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

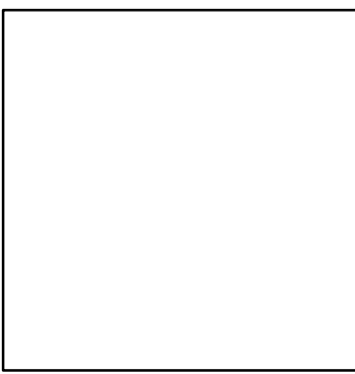
INDIANA  
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS  
LINE "PR-AR 30"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT	XS-159	303 of 373
IR-33051	PROJECT	0500445



\*\*\*\*\*  
 09:34  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

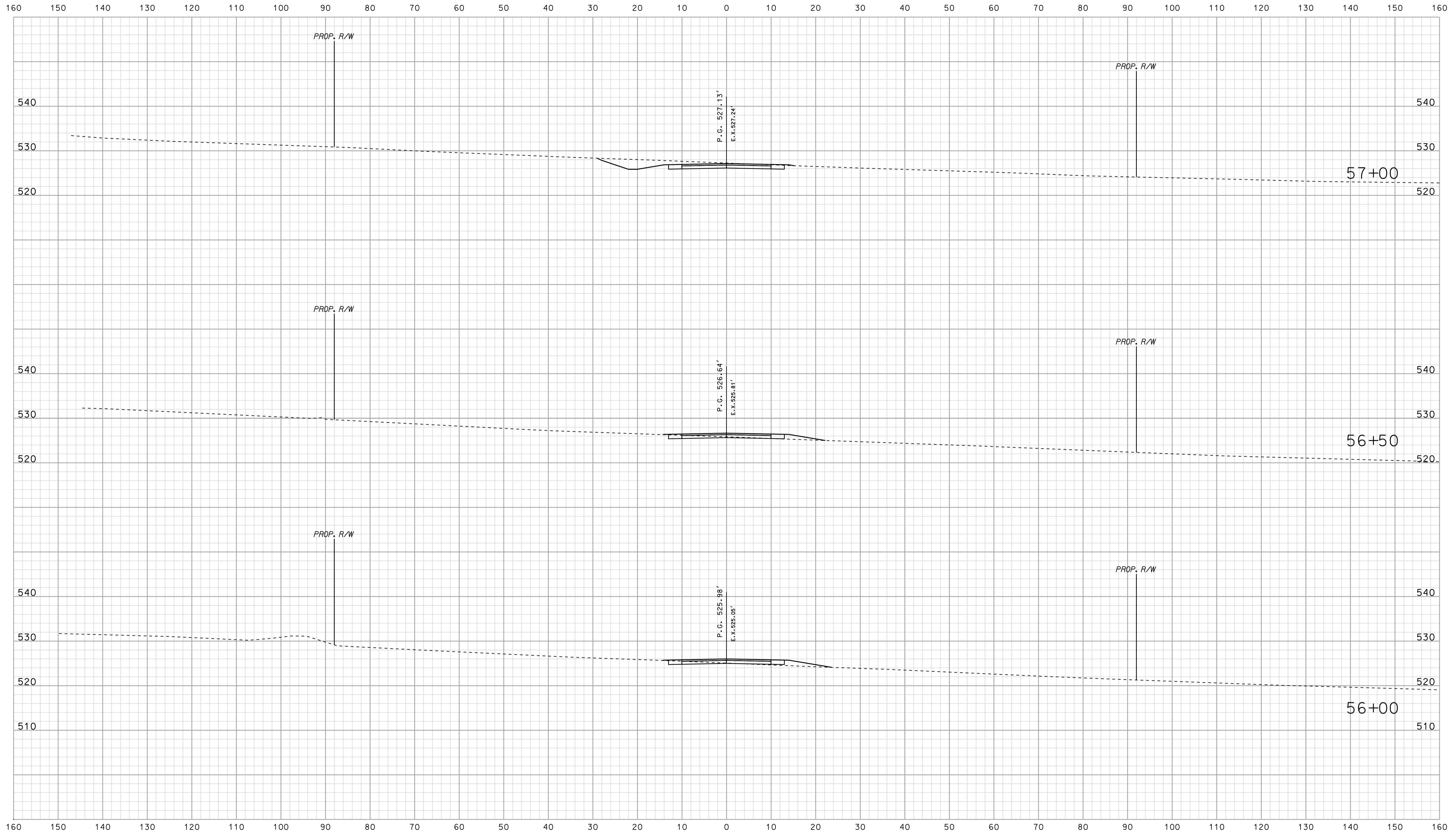


RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE
DESIGNED:	BJO	DRAWN:	DH	
CHECKED:	NDH	CHECKED:	DMA	

INDIANA  
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS  
LINE "PR-AR 30"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-160	SHEET NO. 304 of 373
CONTRACT IR-33051	PROJECT 0500445	



\*\*\*\*\*  
 09:35  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

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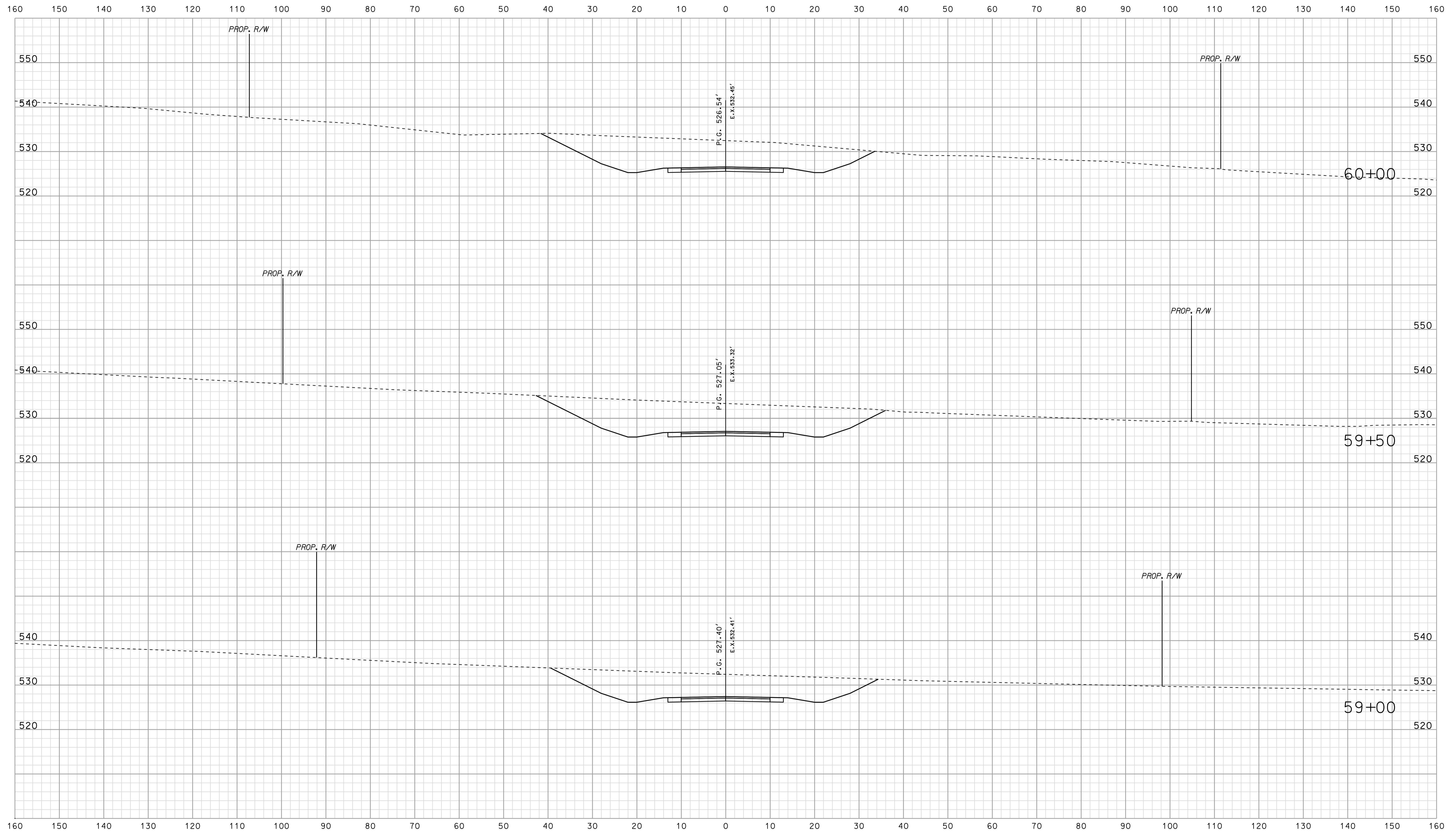
RECOMMENDED FOR APPROVAL _____	
DESIGN ENGINEER _____	DATE _____
DESIGNED: BJO	DRAWN: DH
CHECKED: NDH	CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION	
ROADWAY CROSS SECTIONS LINE "PR-AR 30"	

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-161	SHEET NO. 305 of 373
CONTRACT IR-33051	PROJECT 0500445	





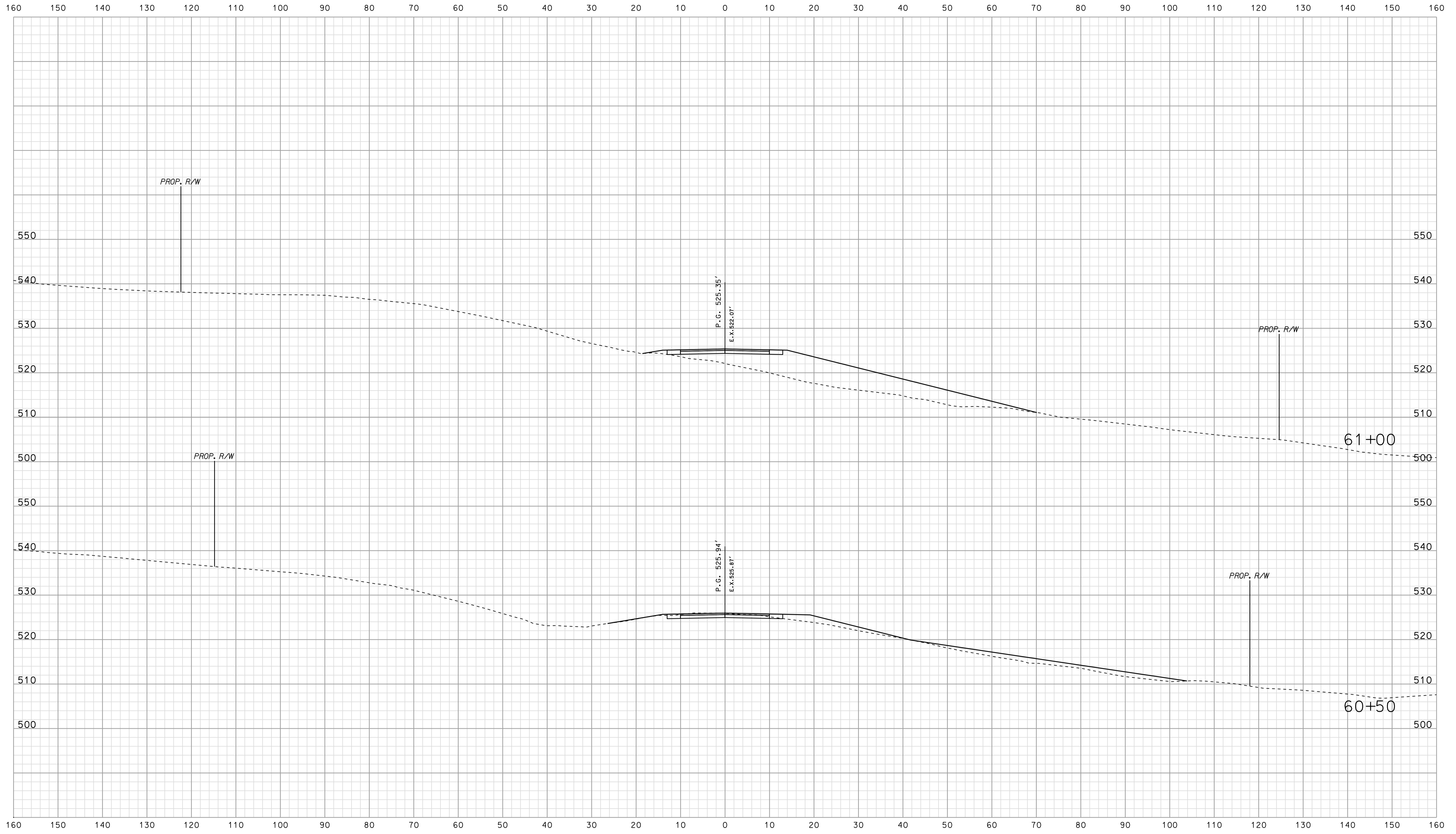


\*\*\*\*\*  
 09-35  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: BJO	DRAWN: DH		
CHECKED: NDH	CHECKED: DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-AR 30"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-163	SHEET NO. 307 of 373
CONTRACT IR-33051	PROJECT 0500445	



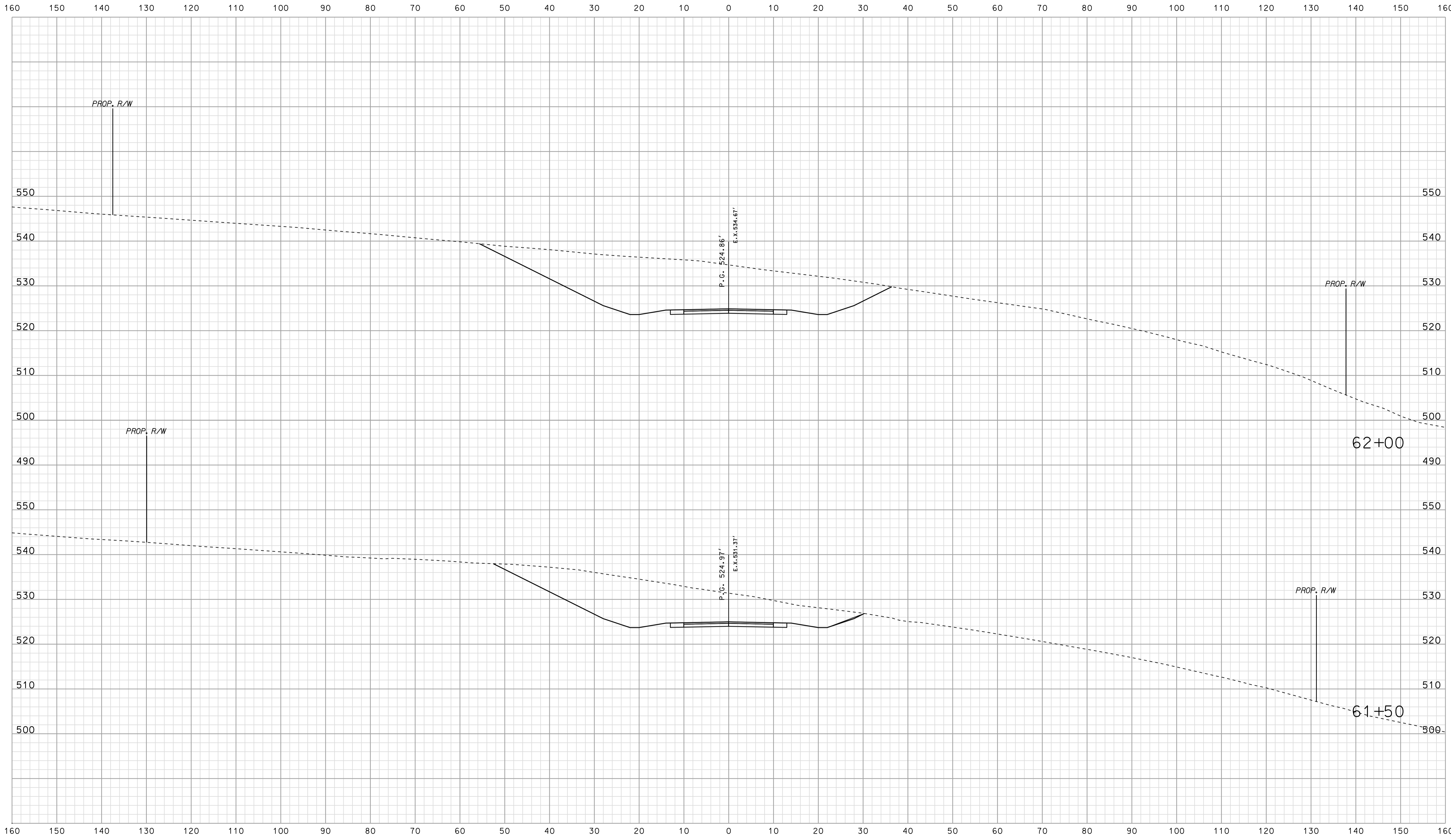
\*\*\*\*\*DISSEMINATION\*\*\*\*\*  
 09:35  
 \*\*\*\*\*DISSEMINATION\*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-AR 30"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-164	SHEET NO. 308 of 373
CONTRACT IR-33051	PROJECT 0500445	

Scale 1 inch = 10 feet



\*\*\*\*\*09-35  
\*\*\*\*\*CONSTRUCTION\*\*\*\*\*

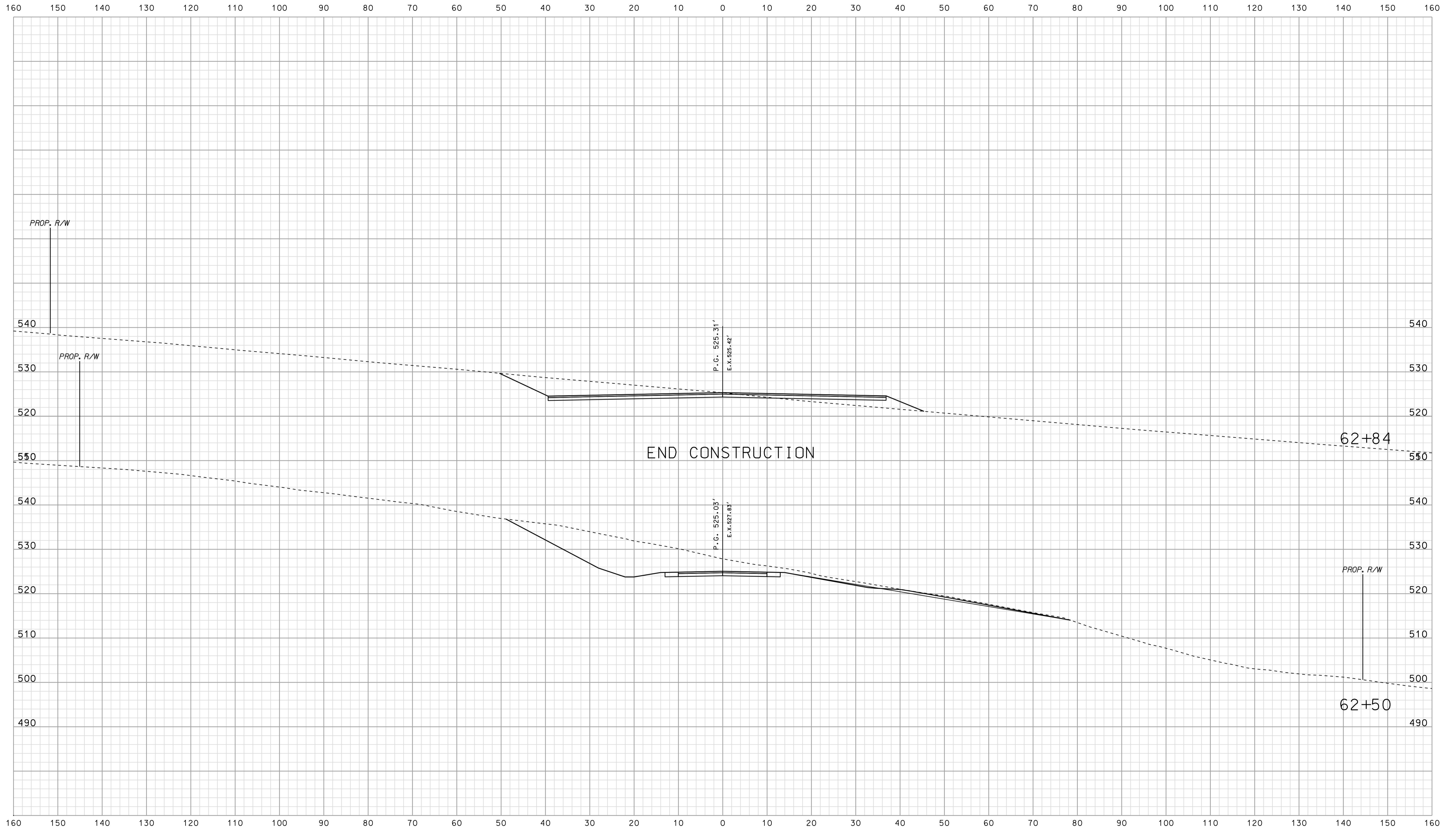
RECOMMENDED FOR APPROVAL _____	
DESIGNED: <u>BJO</u>	DRAWN: <u>DH</u>
CHECKED: <u>NDH</u>	CHECKED: <u>DMA</u>

INDIANA  
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS  
LINE "PR-AR 30"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-165	SHEET NO. 309 of 373
CONTRACT IR-33051	PROJECT 0500445	

Scale 1 inch = 10 feet



09:35  
\*\*\*\*\*SPECIFICATION\*\*\*\*\*

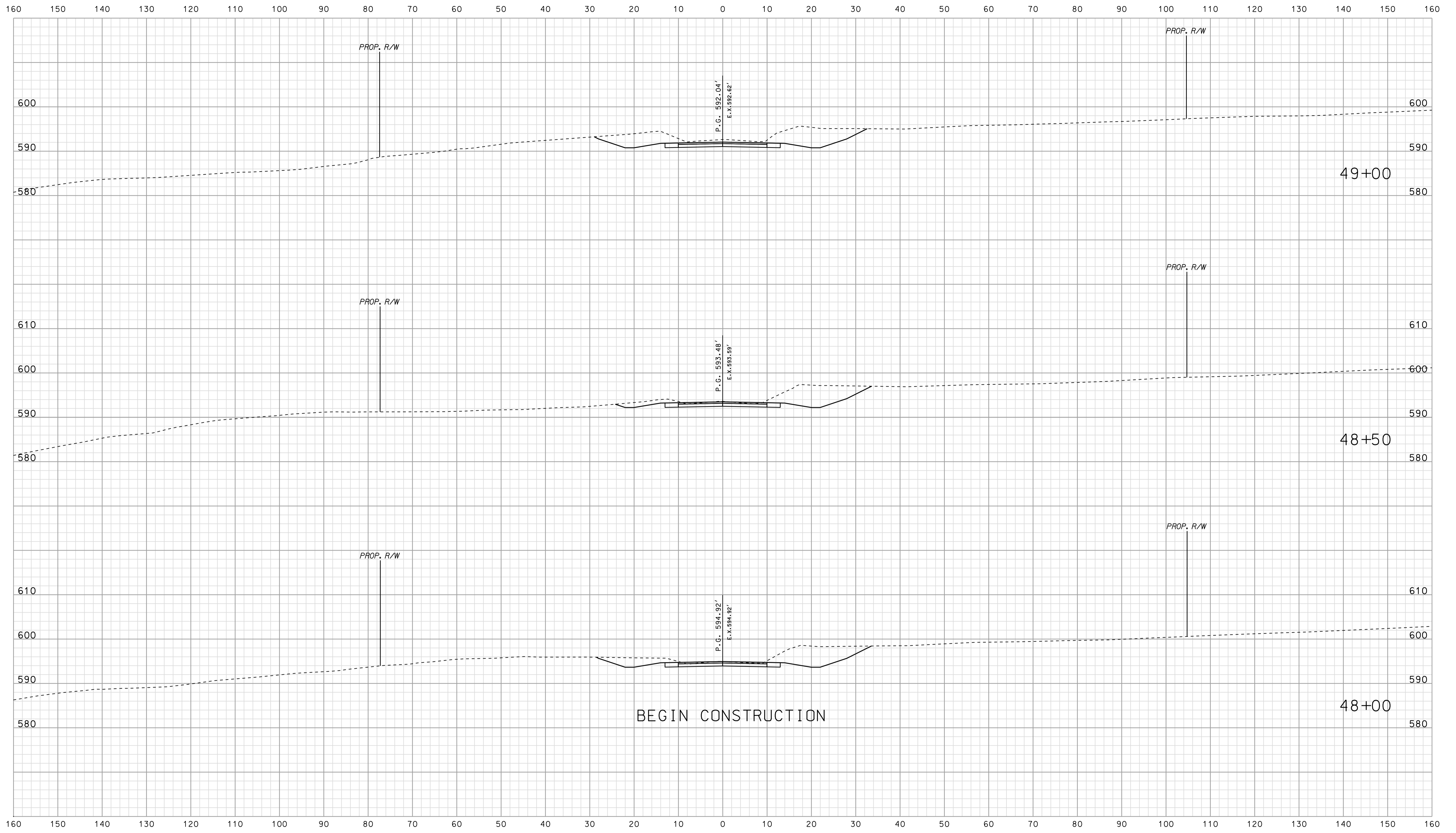
RECOMMENDED FOR APPROVAL \_\_\_\_\_  
 DESIGN ENGINEER DATE \_\_\_\_\_

DESIGNED: BJO DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS  
 LINE "PR-AR 30"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-166	SHEET NO. 310 of 373
CONTRACT IR-33051	PROJECT 0500445	



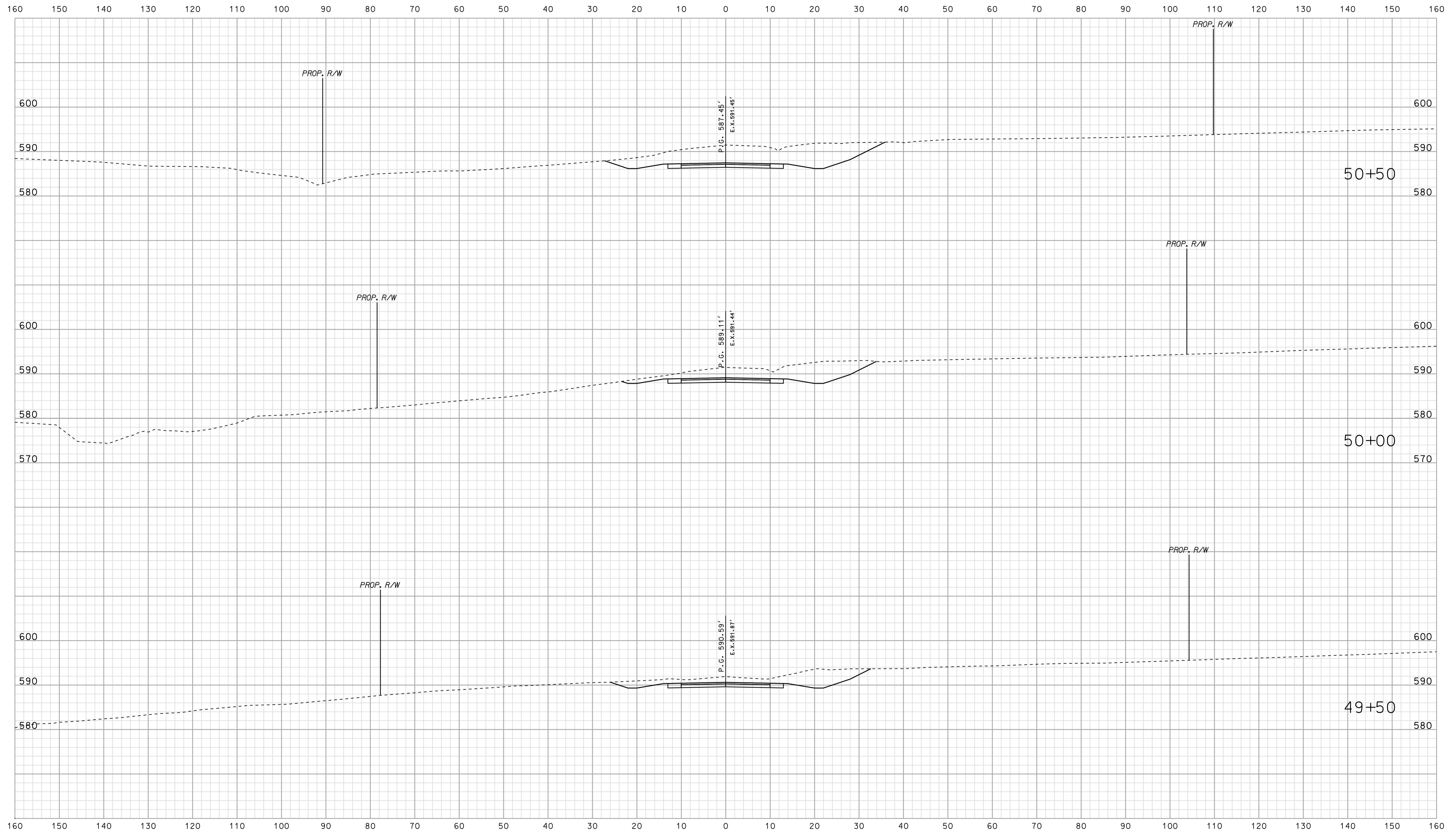
09-36  
\*\*\*\*\*SPECIFICATION\*\*\*\*\*

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
	DESIGNED: BJO	DRAWN: DH
CHECKED: NDH	CHECKED: DMA	

INDIANA  
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS  
LINE "PR-CR 75E"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-167	SHEET NO. 311 of 373
CONTRACT IR-33051	PROJECT 0500445	

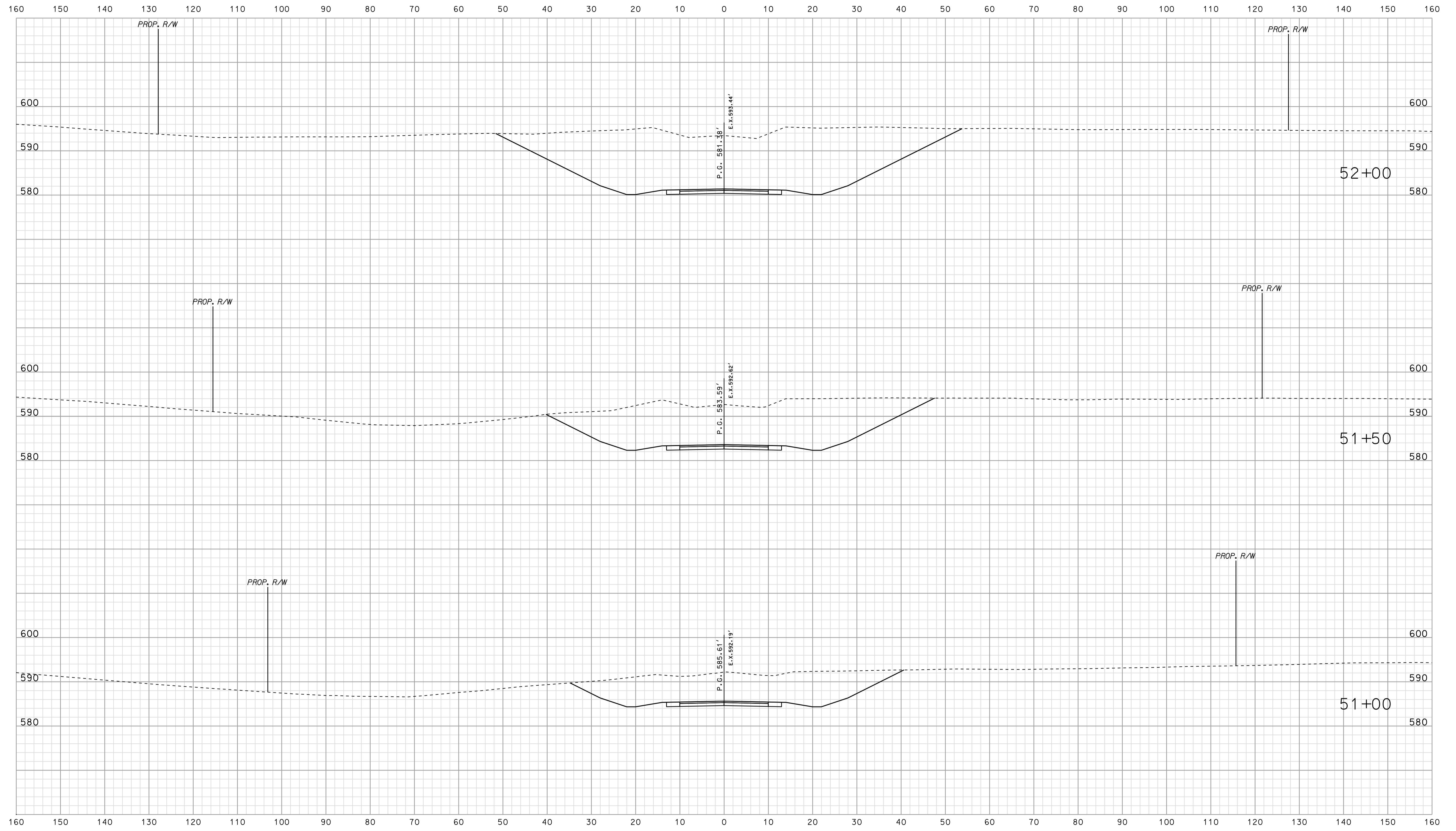


\*\*\*\*\*09-36 \*\*\*\*\*  
 \*\*\*\*\*CONSTRUCTION\*\*\*\*\*  
 \*\*\*\*\*0500445\*\*\*\*\*

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: BJO	DRAWN: DH		
CHECKED: NDH	CHECKED: DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-CR 75E"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-168	SHEET NO. 312 of 373
CONTRACT IR-33051	PROJECT 0500445	



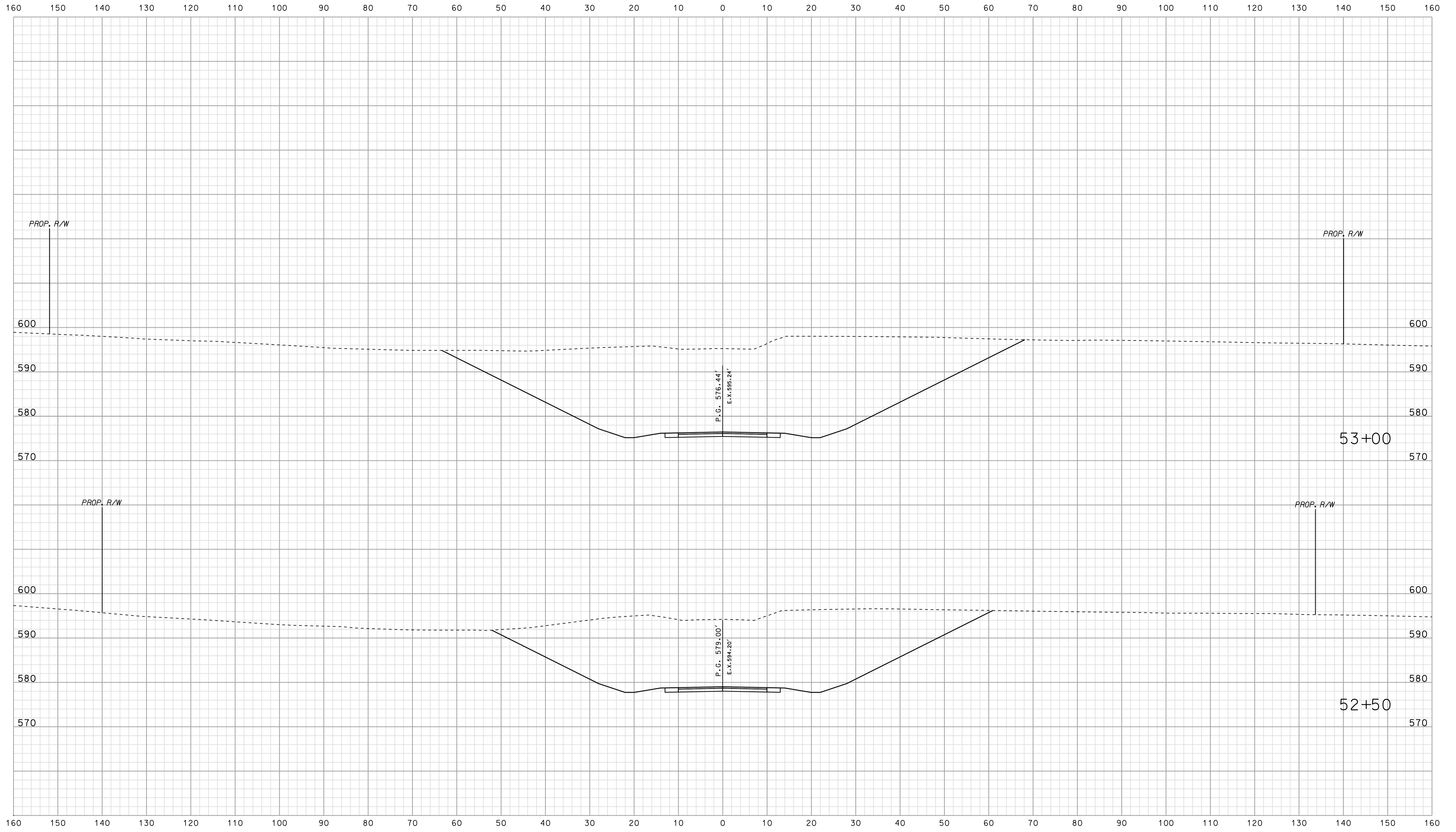
\*\*\*\*\*  
 09-36  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER		DATE
	DESIGNED: BJO	DRAWN: DH	
	CHECKED: NDH	CHECKED: DMA	

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-CR 75E"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-169	SHEET NO. 313 of 373
CONTRACT IR-33051	PROJECT 0500445	





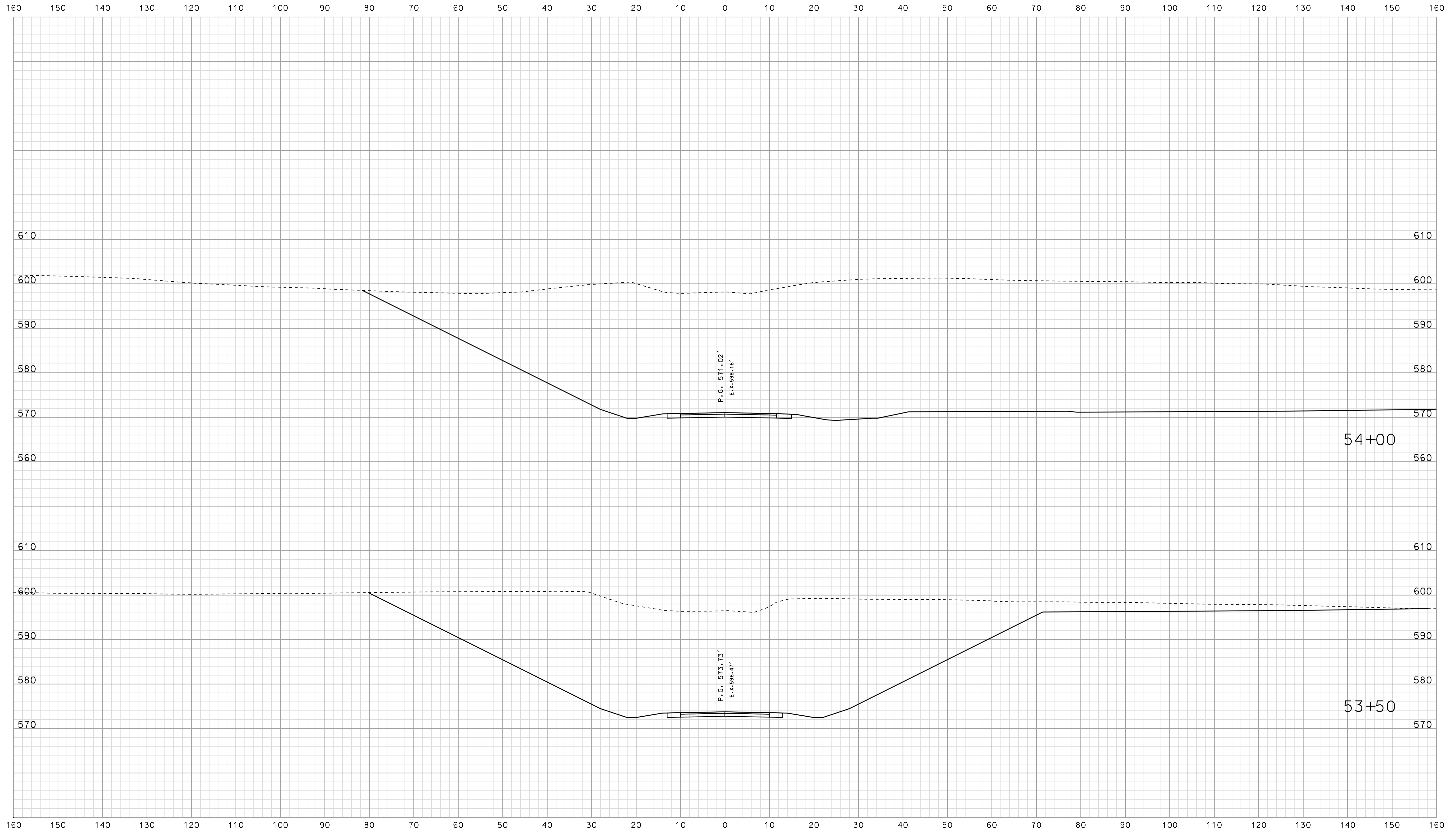
\*\*\*\*\*DISCONTINUOUS SPECIFICATION\*\*\*\*\*  
 09-36  
 \*\*\*\*\*DISCONTINUOUS SPECIFICATION\*\*\*\*\*

	RECOMMENDED FOR APPROVAL	
	DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH	
CHECKED: NDH	CHECKED: DMA	

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-CR 75E"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-170	314 of 373
	PROJECT 0500445	

Scale 1 inch = 10 feet



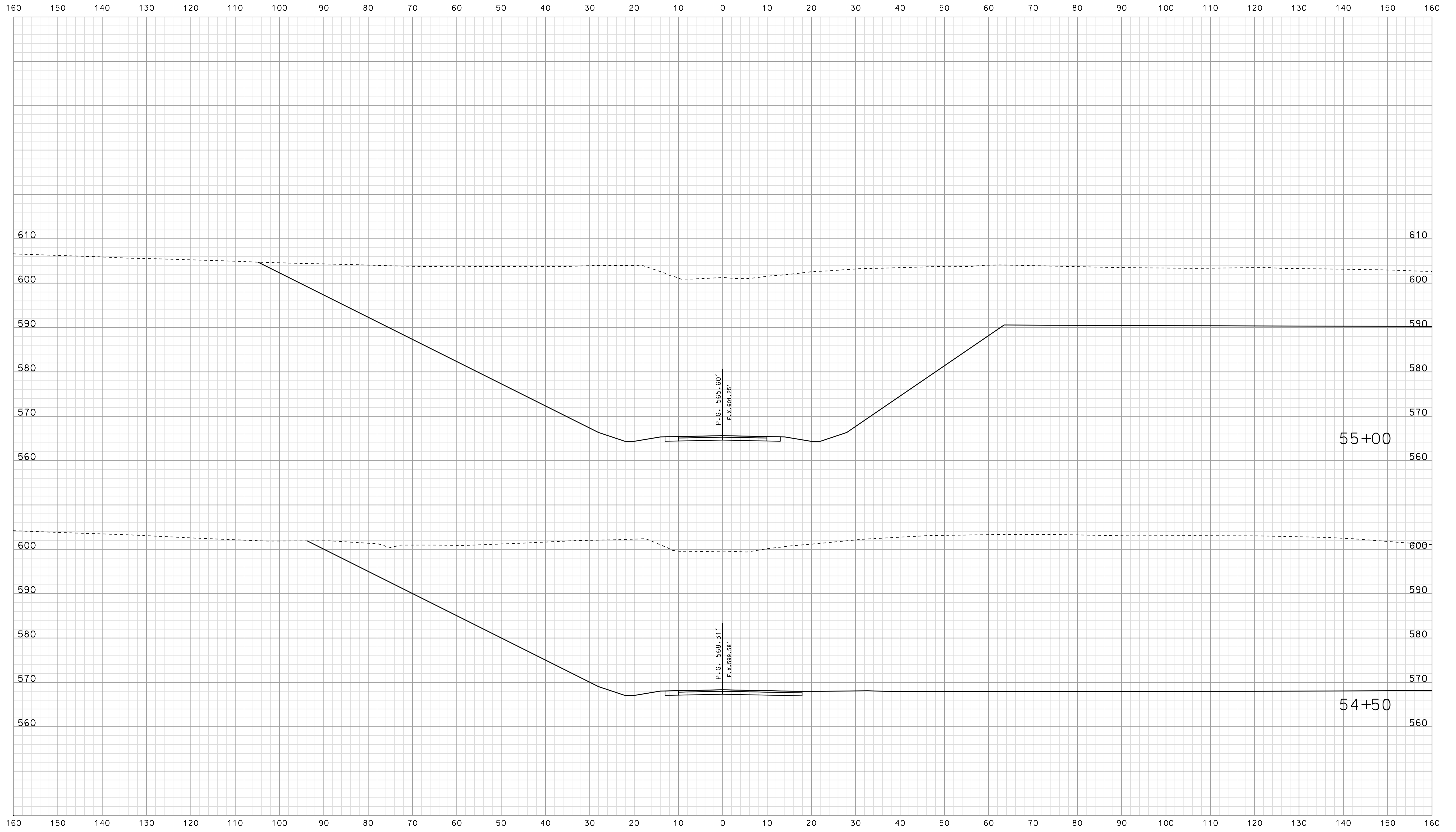
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO		DRAWN: DH			
CHECKED: NDH		CHECKED: DMA			

INDIANA  
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS  
LINE "PR-CR 75E"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-171	315 of 373
	PROJECT 0500445	

\*\*\*\*\*CONSISTENT SPECIFICATION\*\*\*\*\*  
 09-36



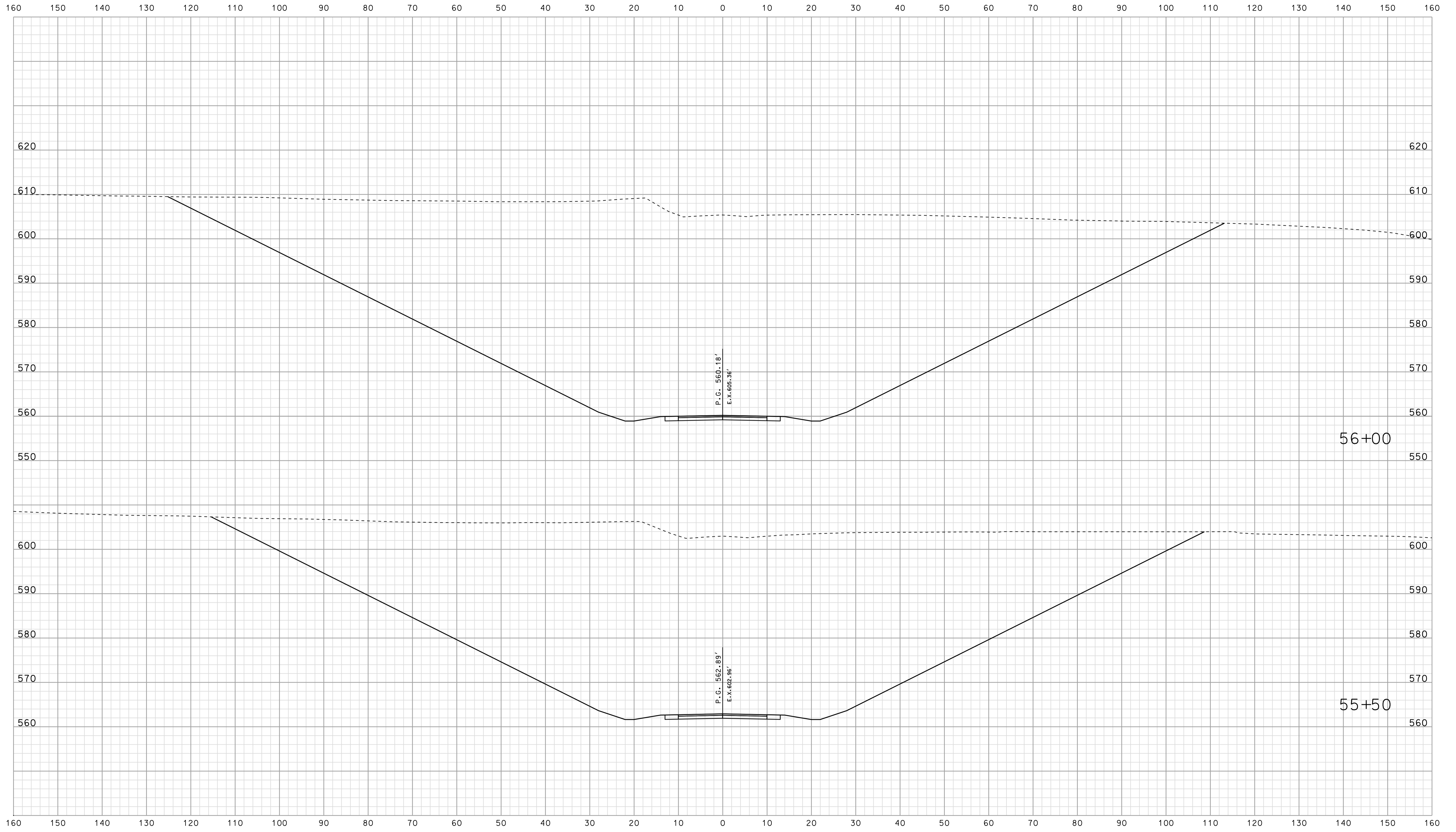
09-36  
\*\*\*\*\*CONSISTENCY\*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS  
LINE "PR-CR 75E"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-172	316 of 373
	PROJECT	0500445

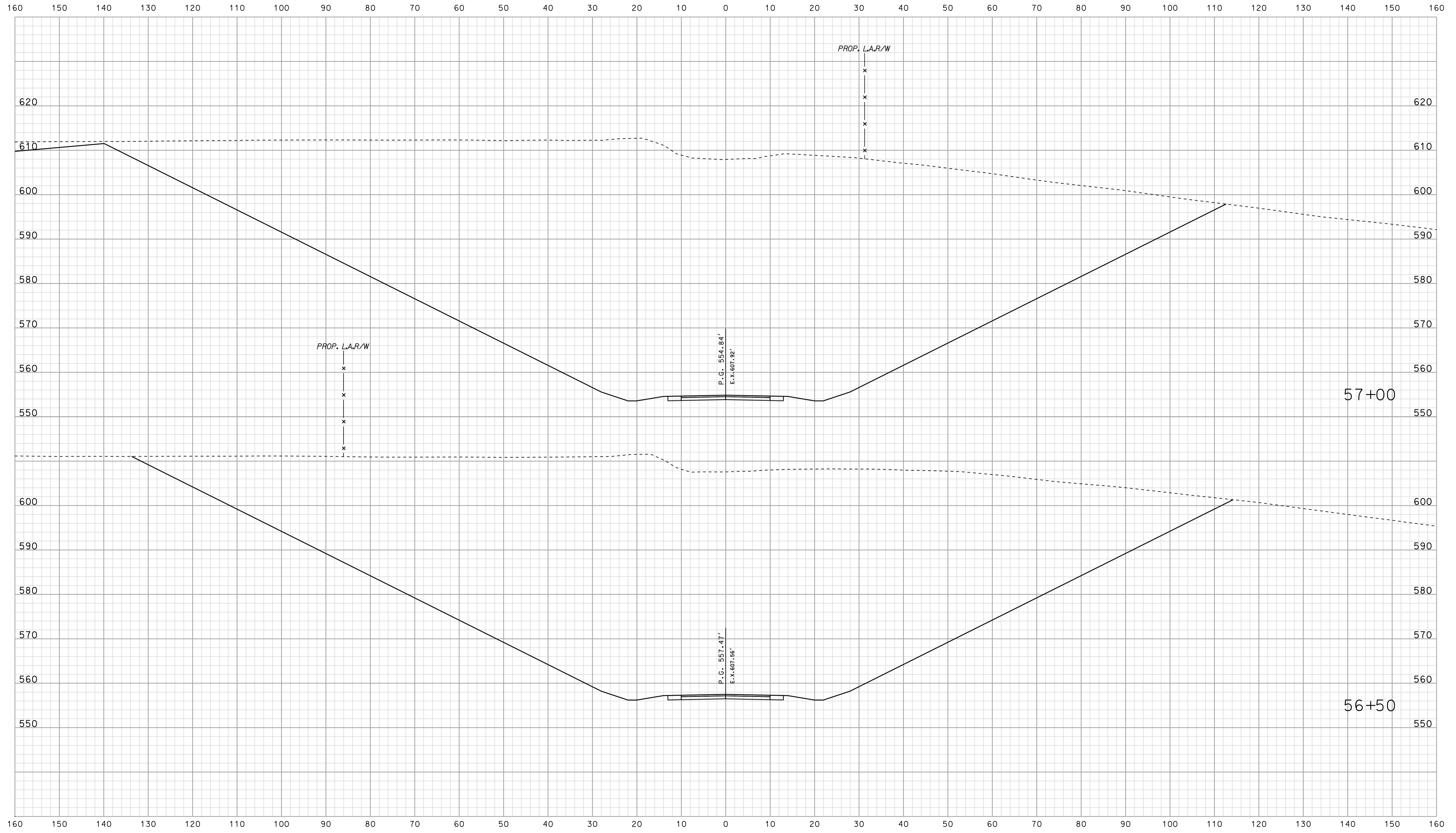


\*\*\*\*\*DISCONTINUATION\*\*\*\*\*  
 09:37  
 \*\*\*\*\*DISCONTINUATION\*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

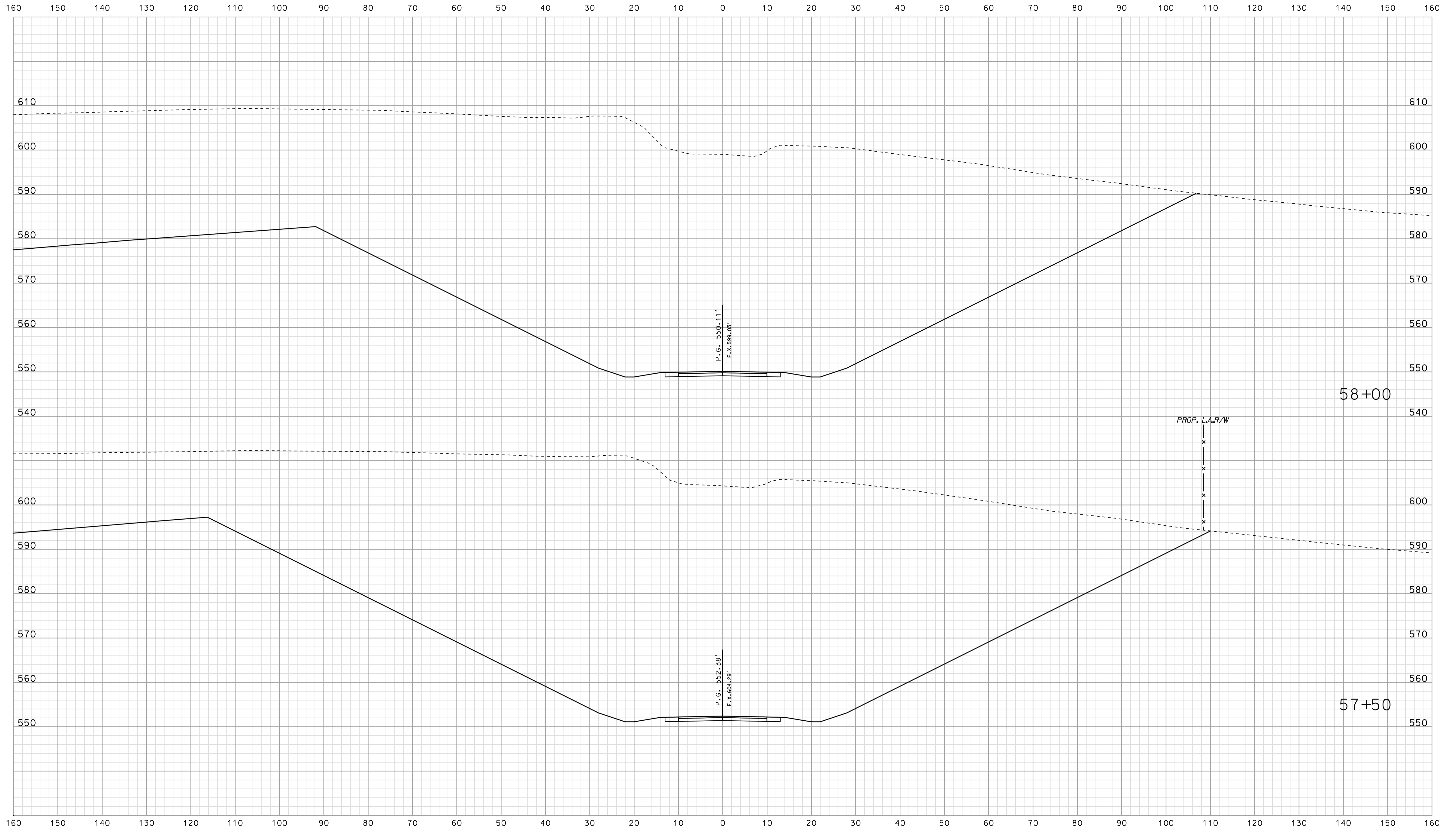
INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-CR 75E"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-173	317 of 373
	PROJECT	0500445

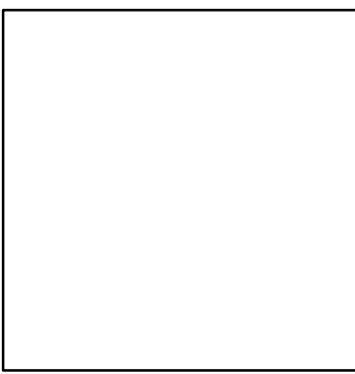


\*\*\*\*\*09:37 \*\*\*\*\*  
 \*\*\*\*\*CONSTRUCTION\*\*\*\*\*

	RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
	DESIGNED: BJO	DRAWN: DH	
	CHECKED: NDH	CHECKED: DMA	
INDIANA DEPARTMENT OF TRANSPORTATION ROADWAY CROSS SECTIONS LINE "PR-CR 75E"			
HORIZONTAL SCALE 1" = 10'	BRIDGE FILE		
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445		
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT IR-33051	XS-174	318 of 373	
	PROJECT	0500445	



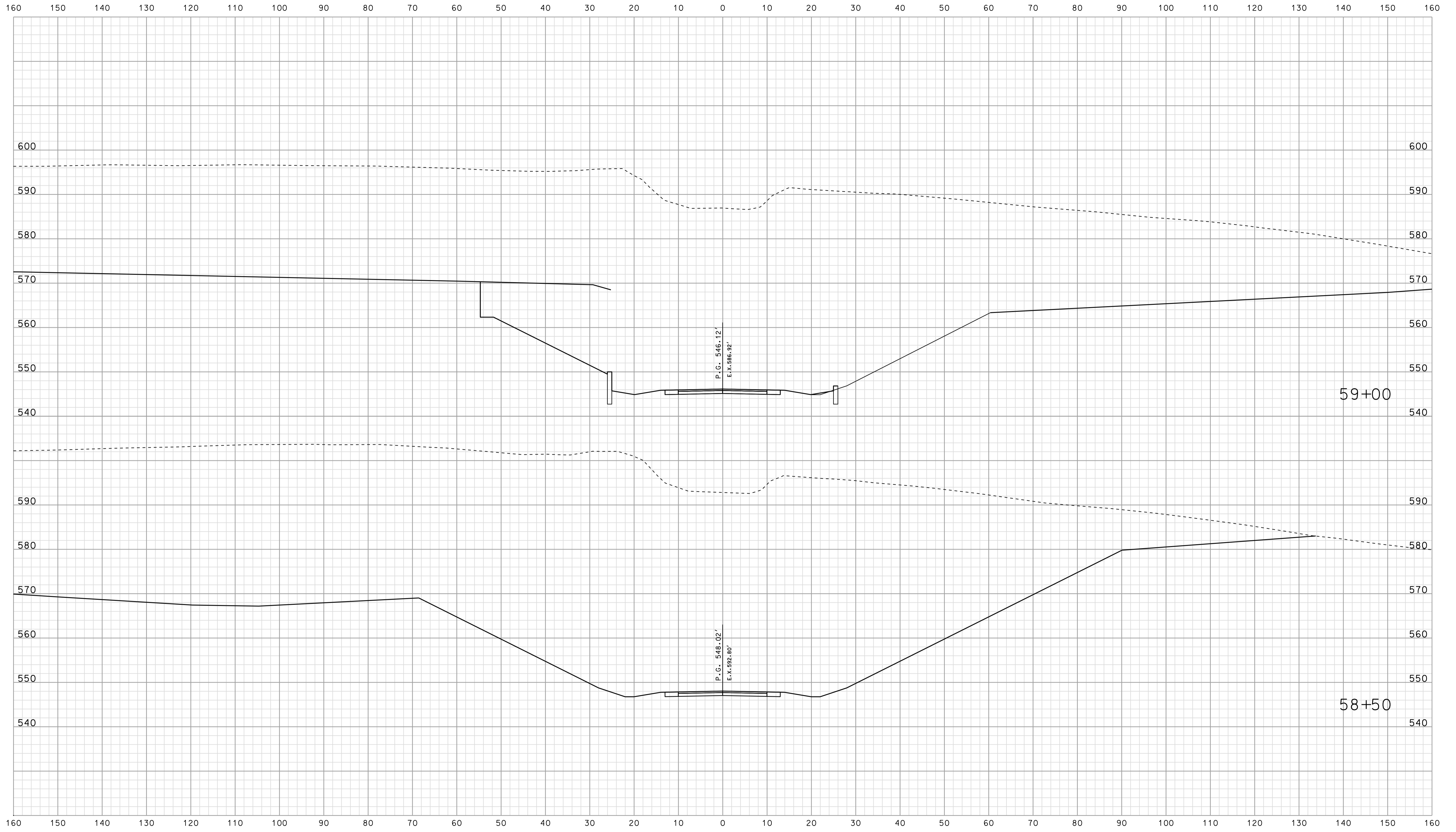
\*\*\*\*\*09:37 \*\*\*\*\*  
 \*\*\*\*\*CONSTRUCTION\*\*\*\*\*  
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-CR 75E"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-175	319 of 373
	PROJECT 0500445	

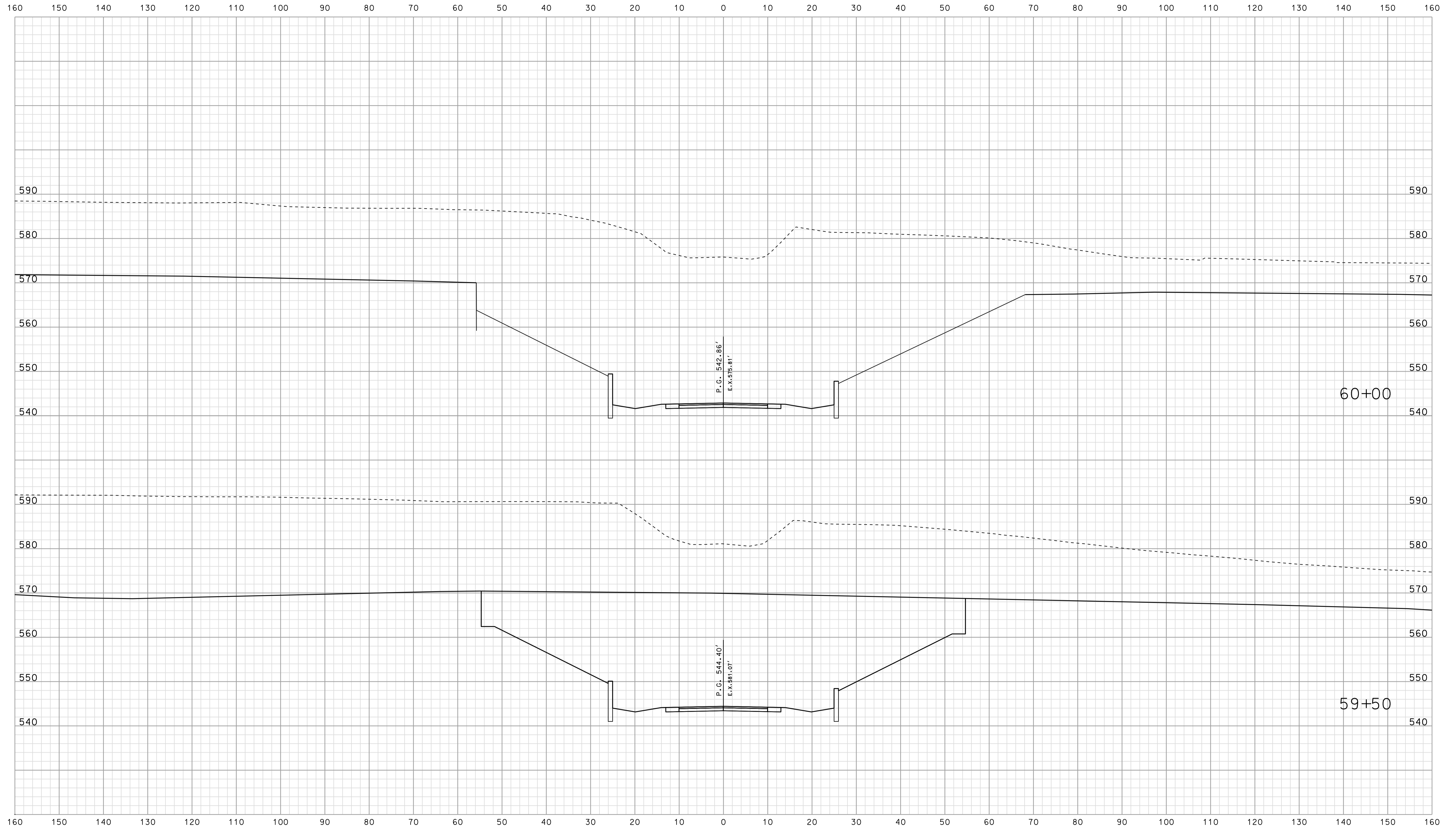


\*\*\*\*\*CONSISTENT SPECIFICATION\*\*\*\*\*  
 09-37  
 \*\*\*\*\*CONSISTENT SPECIFICATION\*\*\*\*\*

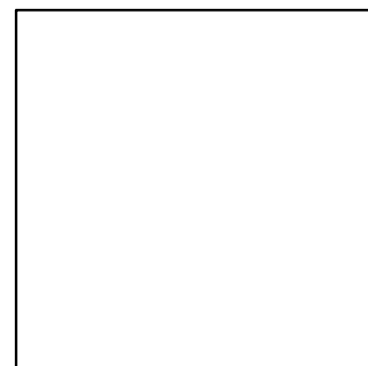
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER		DATE
	DESIGNED: BJO	DRAWN: DH	
CHECKED: NDH	CHECKED: DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-CR 75E"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-176	SHEET NO. 320 of 373
CONTRACT IR-33051	PROJECT 0500445	



09-37  
\*\*\*\*\*CONSISTENCY CHECK\*\*\*\*\*



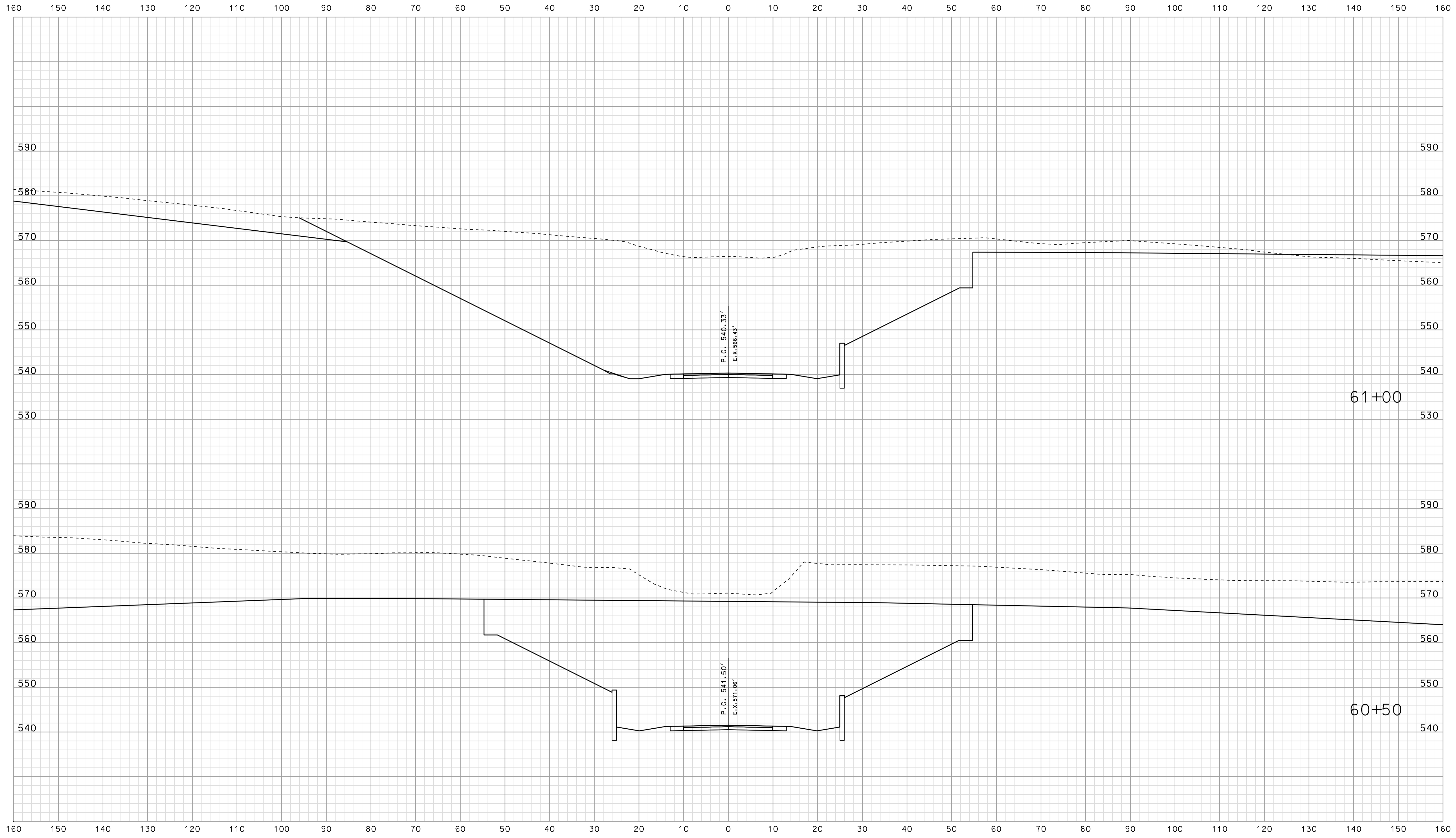
RECOMMENDED FOR APPROVAL _____	
DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH
CHECKED: NDH	CHECKED: DMA

INDIANA  
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS  
LINE "PR-CR 75E"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-177	321 of 373
	PROJECT	0500445





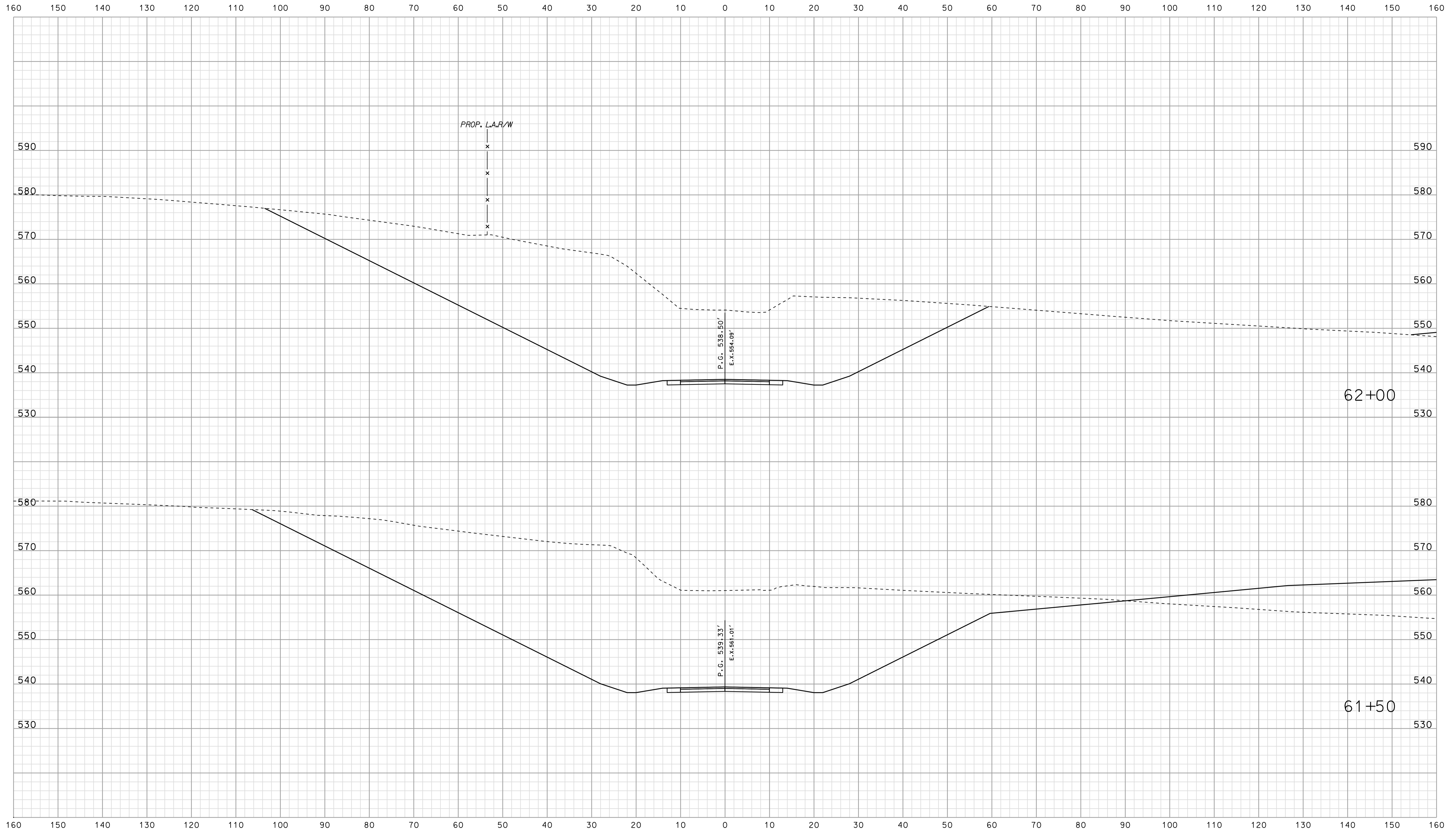
\*\*\*\*\*CONSISTENT SPECIFICATION\*\*\*\*\*  
 09-37  
 \*\*\*\*\*CONSISTENT SPECIFICATION\*\*\*\*\*

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: _____	TAH	DRAWN: _____	DH		
CHECKED: _____	NDH	CHECKED: _____	DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-CR 75E"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	XS-178	322 of 373
CONTRACT		PROJECT
IR-33051		0500445

Scale 1 inch = 10 feet



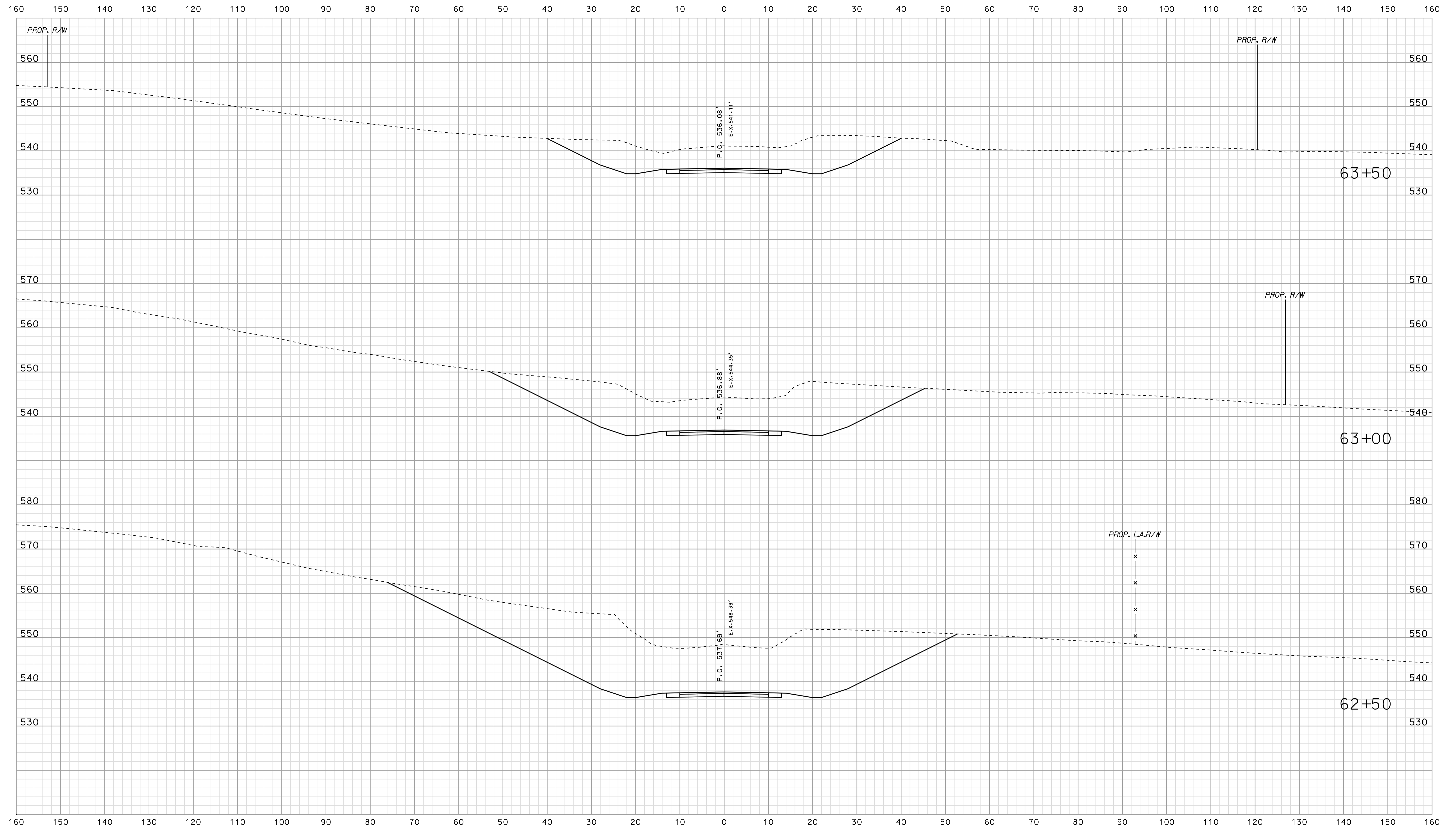
09-38  
\*\*\*\*\*SPECIFICATION\*\*\*\*\*

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH	
CHECKED: NDH	CHECKED: DMA	

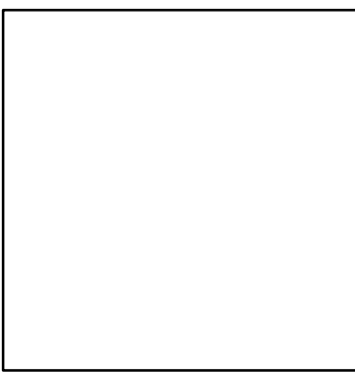
INDIANA  
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS  
LINE "PR-CR 75E"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-179	323 of 373
	PROJECT 0500445	



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 09-38  
 \*\*\*\*\*  
 \*\*\*\*\*SPECIFICATION\*\*\*\*\*  
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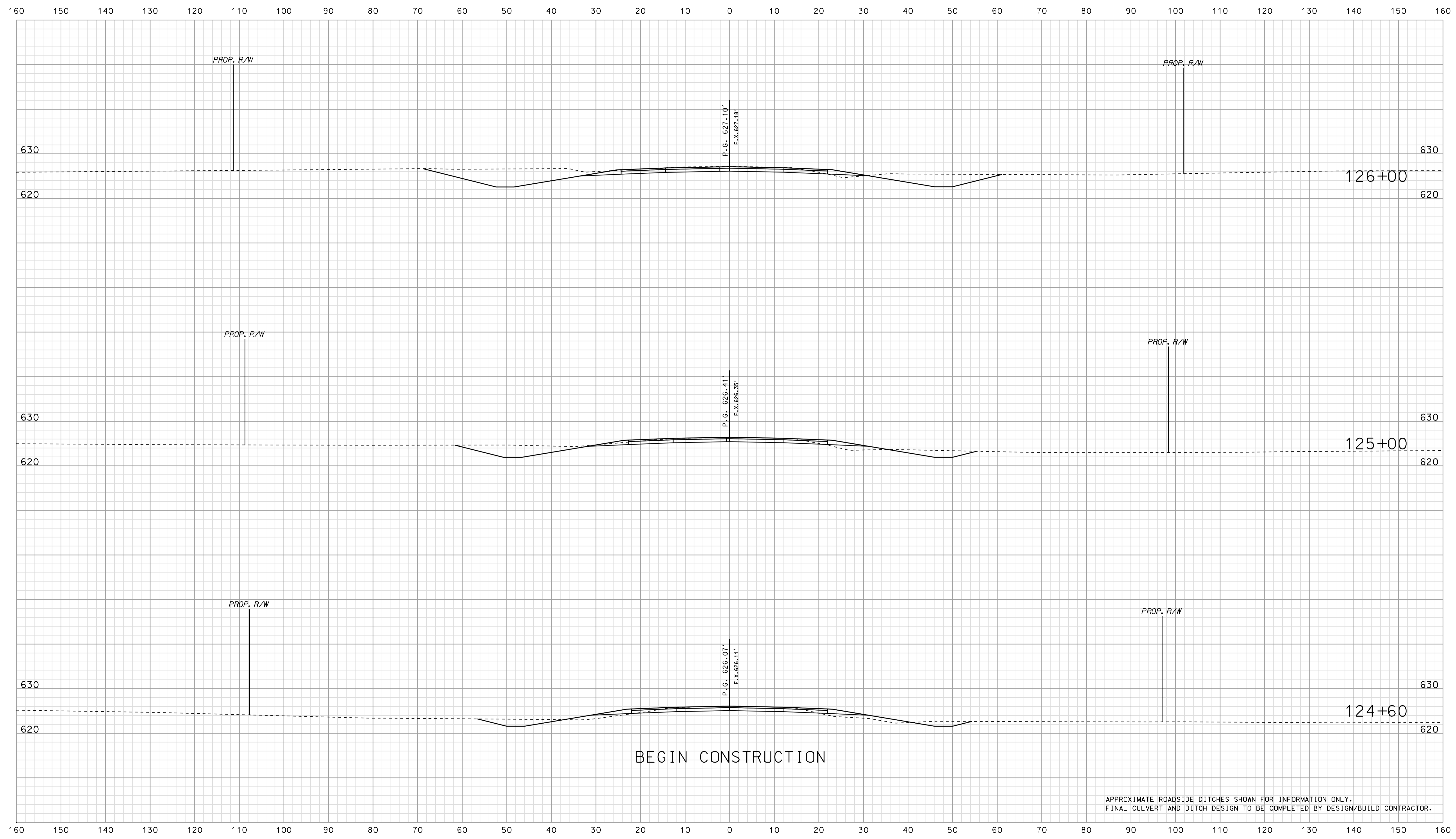


RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: BJO	DRAWN: DH		
CHECKED: NDH	CHECKED: DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-CR 75E"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-180	SHEET NO. 324 of 373
CONTRACT IR-33051	PROJECT 0500445	





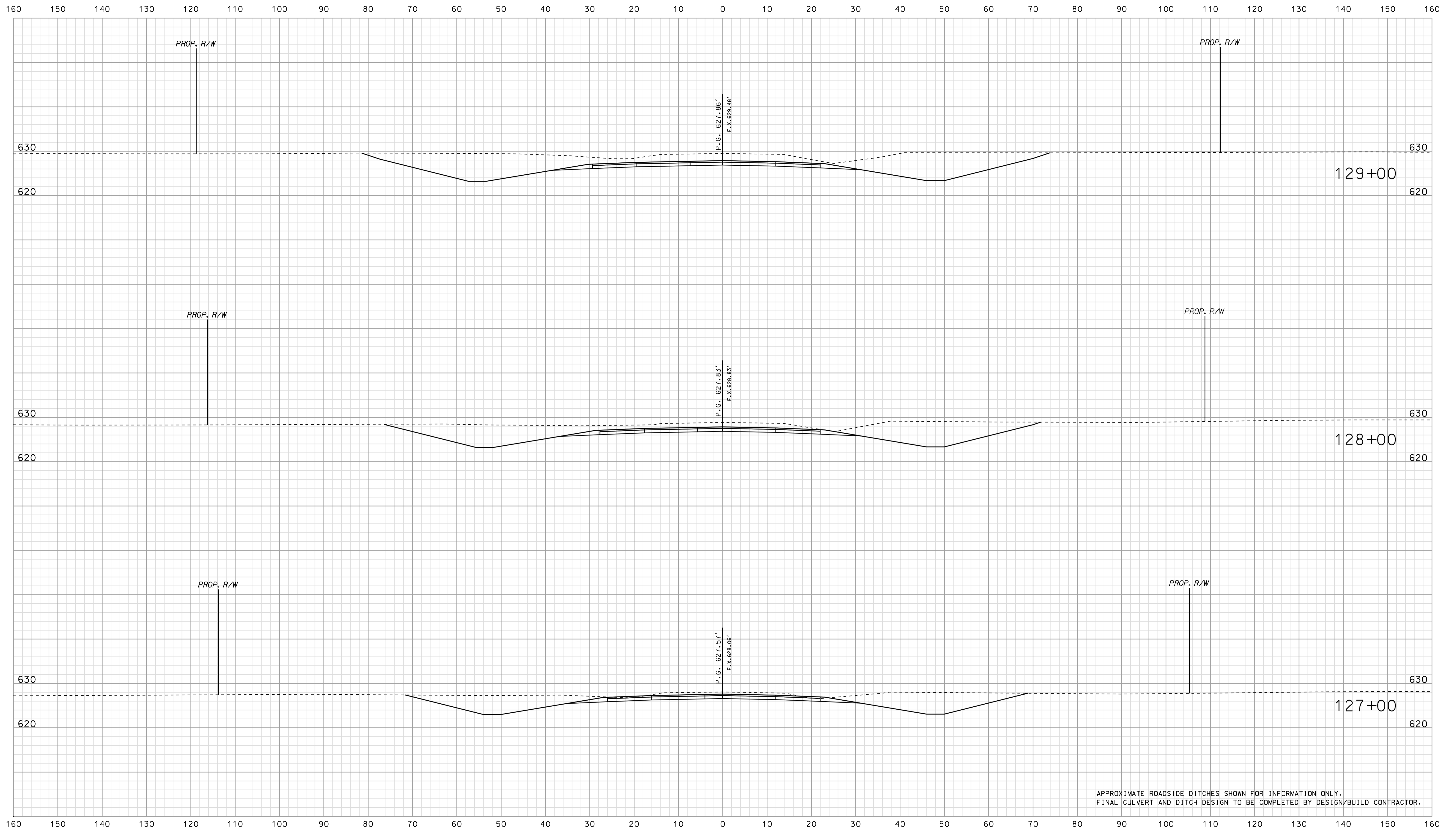
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

BEGIN CONSTRUCTION

\*\*\*\*\*SPECIFICATION\*\*\*\*\*



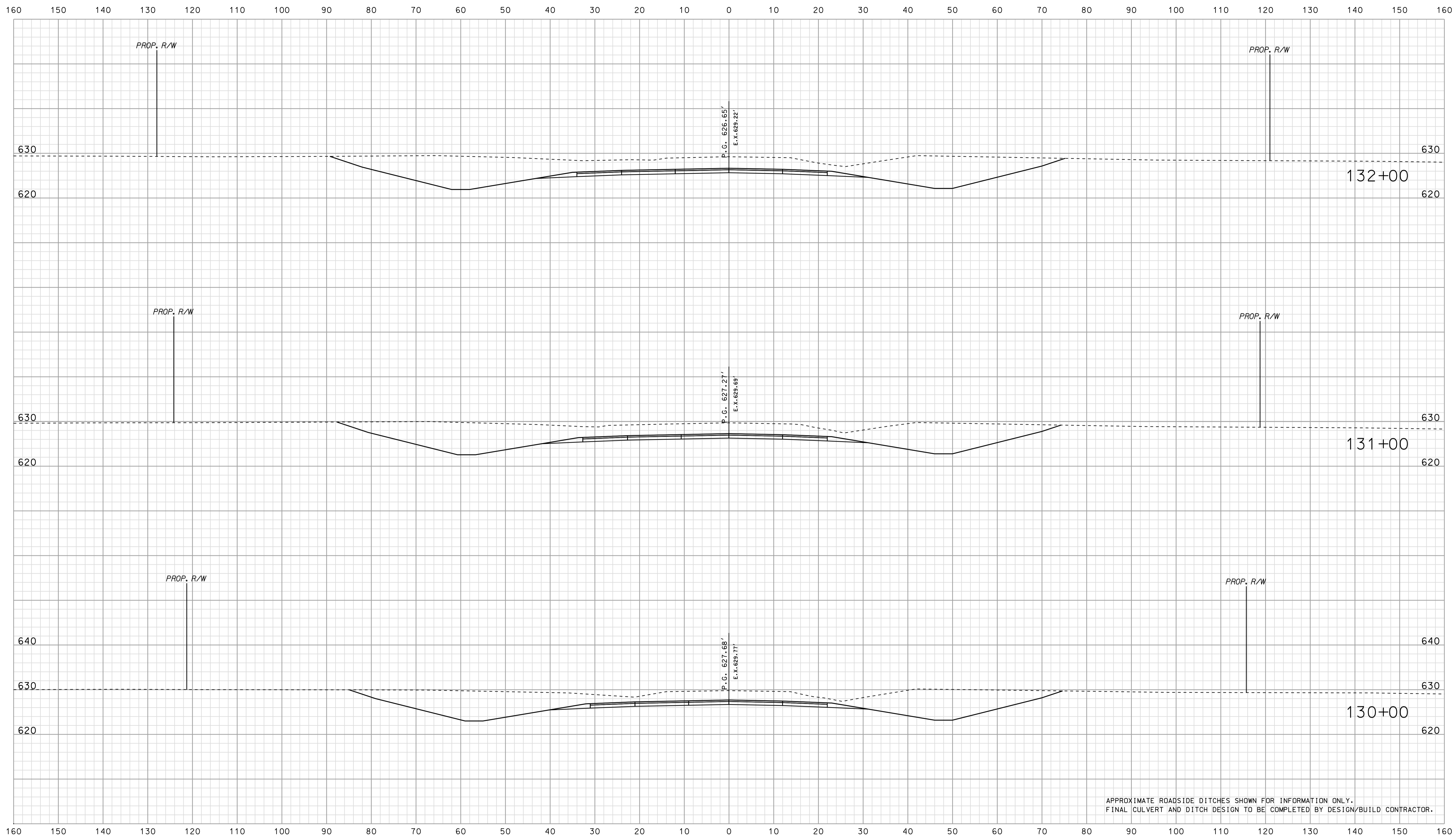
	RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION			HORIZONTAL SCALE 1" = 10'	BRIDGE FILE
	DESIGNED: BJO		DRAWN: DH	ROADWAY CROSS SECTIONS LINE "PR-US 231"		VERTICAL SCALE 1" = 10'	DESIGNATION 0500445
	CHECKED: NDH	CHECKED: DMA			SURVEY BOOK IR-33051	DWG. NO. XS-182	SHEET NO. 326 of 373
						PROJECT 0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

\*\*\*\*\*SPECIFICATION\*\*\*\*\*

	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 10' VERTICAL SCALE 1" = 10'	BRIDGE FILE DESIGNATION 0500445
DESIGNED: BJO CHECKED: NDH	DRAWN: DH CHECKED: DMA	ROADWAY CROSS SECTIONS LINE "PR-US 231"	SURVEY BOOK IR-33051	DWG. NO. XS-183 SHEET NO. 327 of 373 PROJECT 0500445



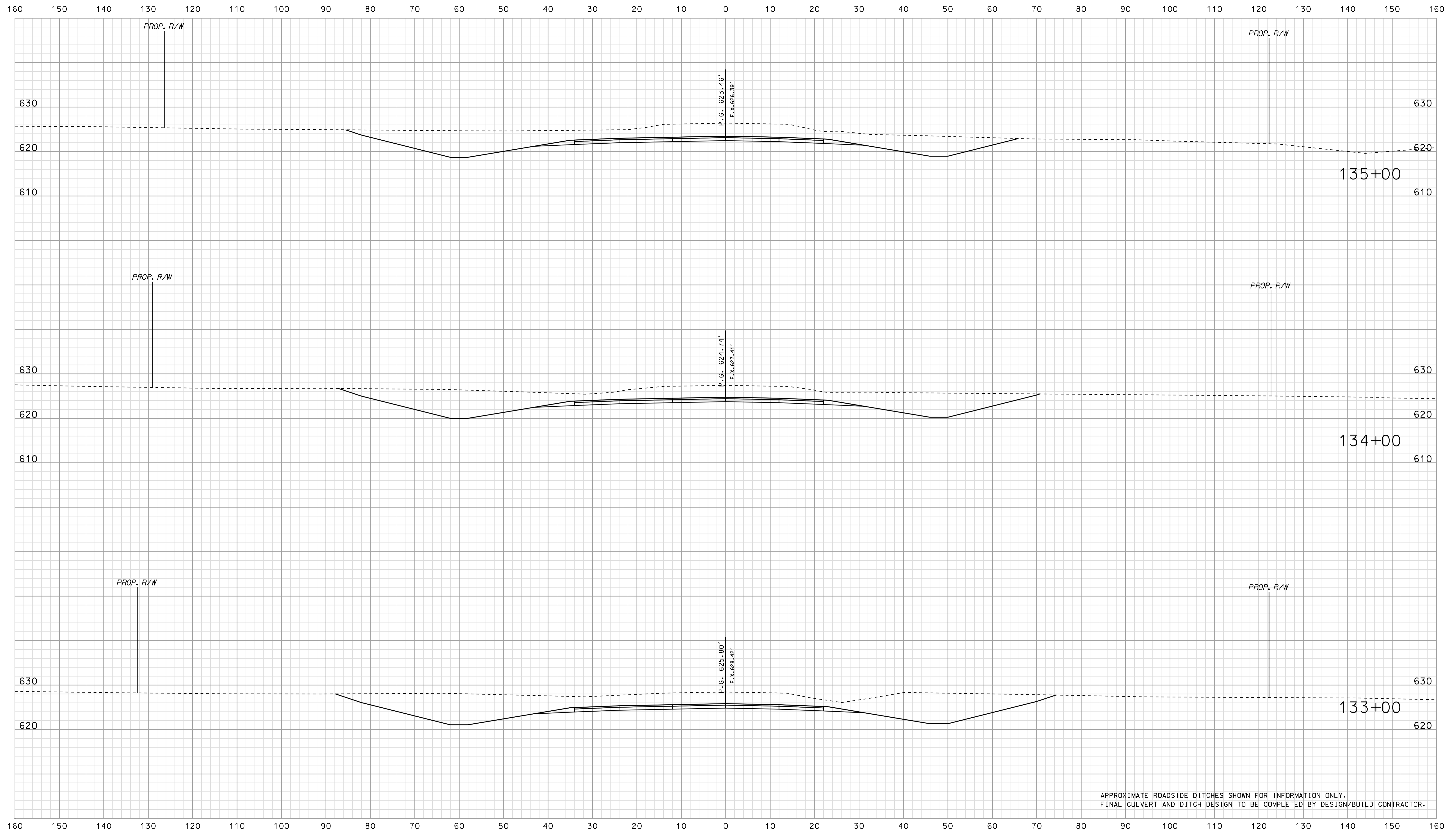
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

\*\*\*\*\*  
 09-38  
 \*\*\*\*\*  
 \*\*\*\*\*SPECIFICATION\*\*\*\*\*  
 \*\*\*\*\*

RECOMMENDED FOR APPROVAL _____	
DESIGN ENGINEER _____	DATE _____
DESIGNED: BJO	DRAWN: DH
CHECKED: NDH	CHECKED: DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 ROADWAY CROSS SECTIONS  
 LINE "PR-US 231"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-184	SHEET NO. 328 of 373
CONTRACT IR-33051	PROJECT 0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

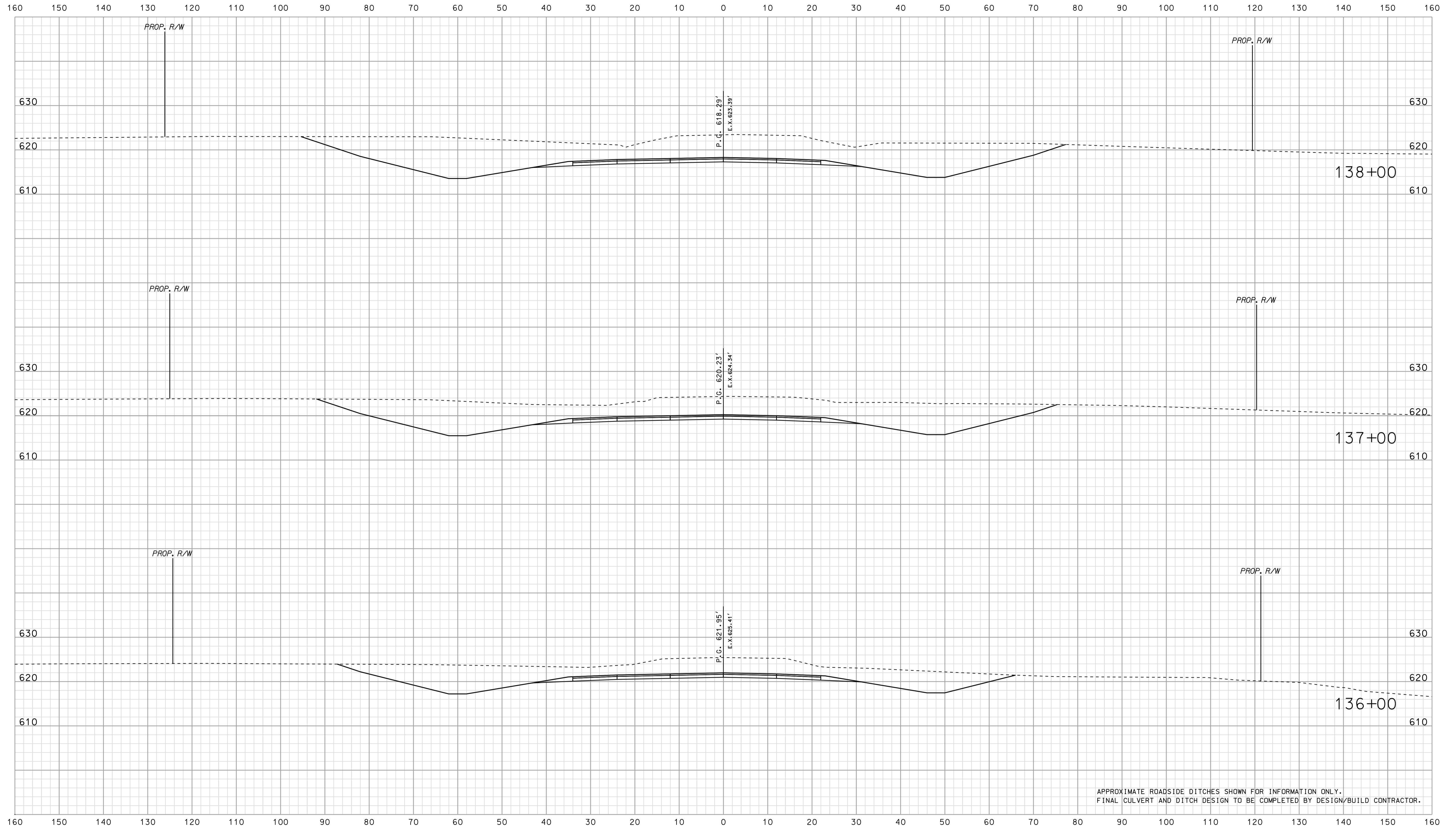
\*\*\*\*\*  
 09-38  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: BJO	DRAWN: DH		
CHECKED: NDH	CHECKED: DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-US 231"

HORIZONTAL SCALE 1" = 10'		BRIDGE FILE	
VERTICAL SCALE 1" = 10'		DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	IR-33051	XS-185	329 of 373
PROJECT		0500445	

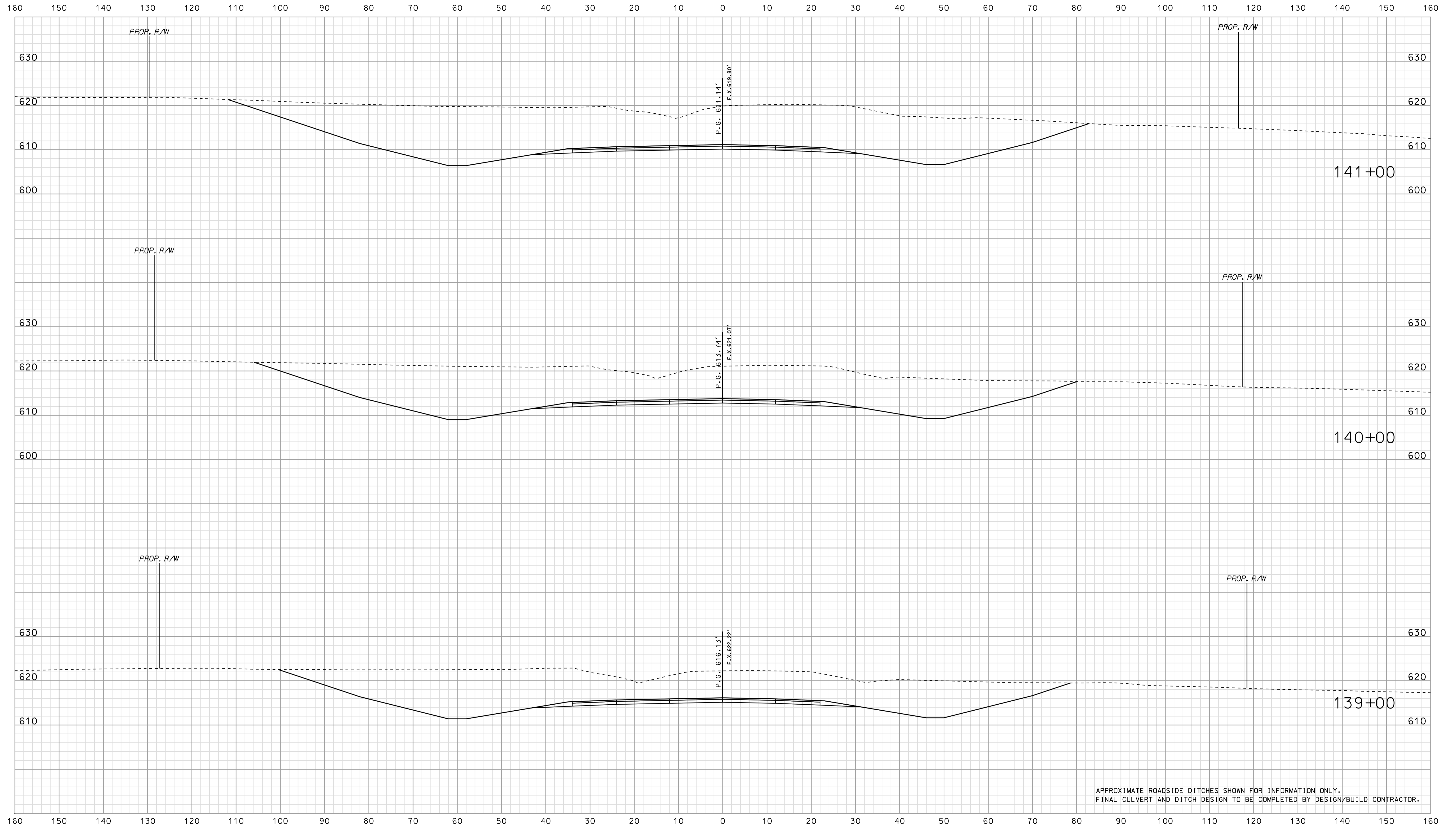




APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

\*\*\*\*\*  
 09-38  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

	RECOMMENDED FOR APPROVAL		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 10'	BRIDGE FILE
	DESIGN ENGINEER	DATE		VERTICAL SCALE 1" = 10'	DESIGNATION 0500445
DESIGNED: BJO	DRAWN: DH	ROADWAY CROSS SECTIONS LINE "PR-US 231"		SURVEY BOOK	DWG. NO.
CHECKED: NDH	CHECKED: DMA			CONTRACT IR-33051	XS-186
					PROJECT 0500445

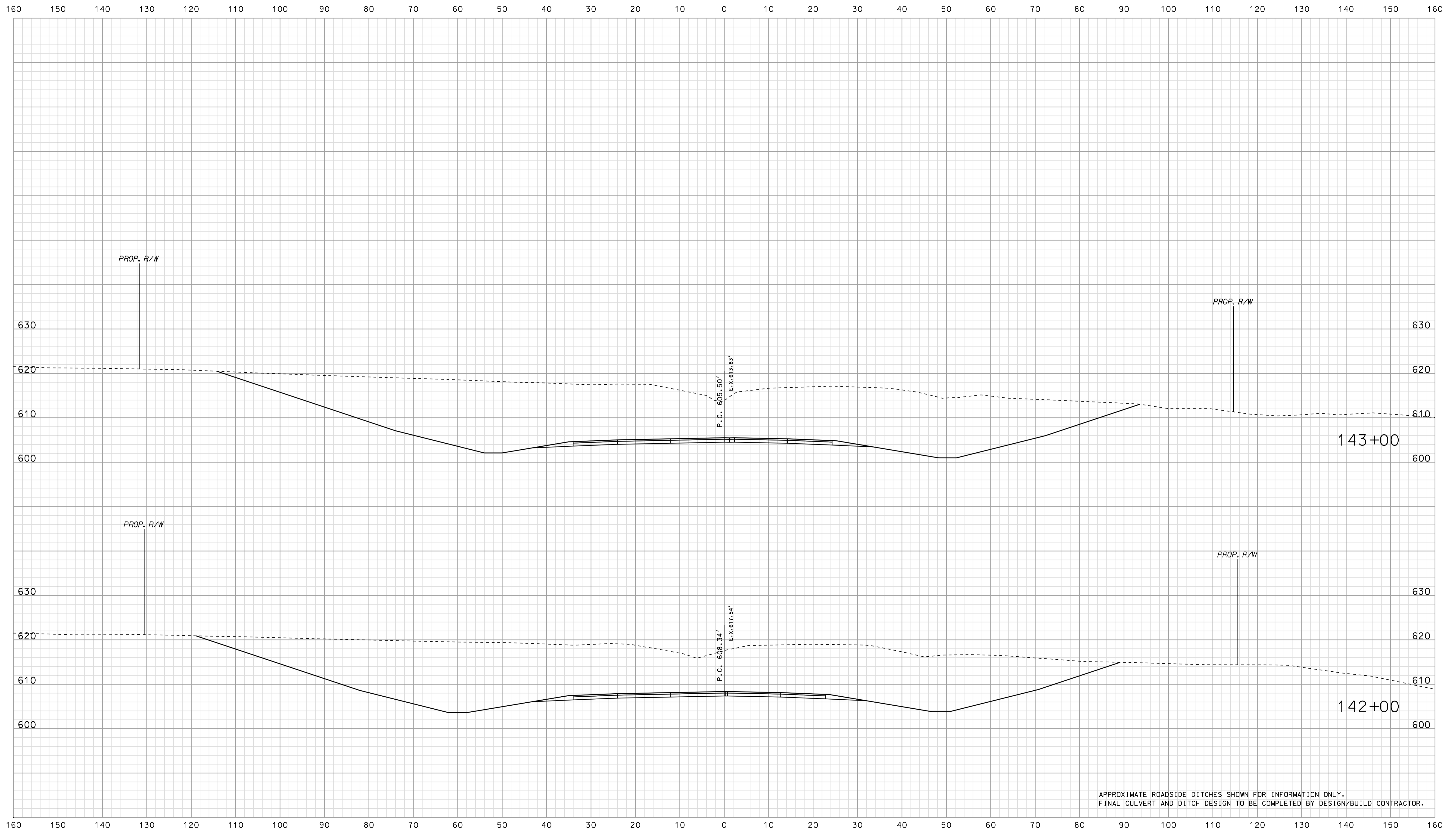


APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

\*\*\*\*\*  
 09-30  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

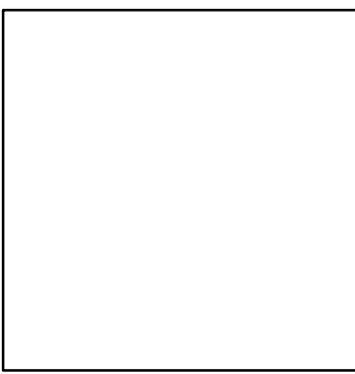
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE		
	DESIGNED: <u>BJO</u> DRAWN: <u>DH</u>				1" = 10'		DESIGNATION		
CHECKED: <u>NDH</u>		CHECKED: <u>DMA</u>		ROADWAY CROSS SECTIONS LINE "PR-US 231"		VERTICAL SCALE		0500445	
						1" = 10'		SURVEY BOOK	
						CONTRACT		XS-187 331 of 373	
						IR-33051		PROJECT 0500445	

Scale 1 inch = 10 feet



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09.30 \*\*\*\*\*CONSISTENCY\*\*\*\*\*



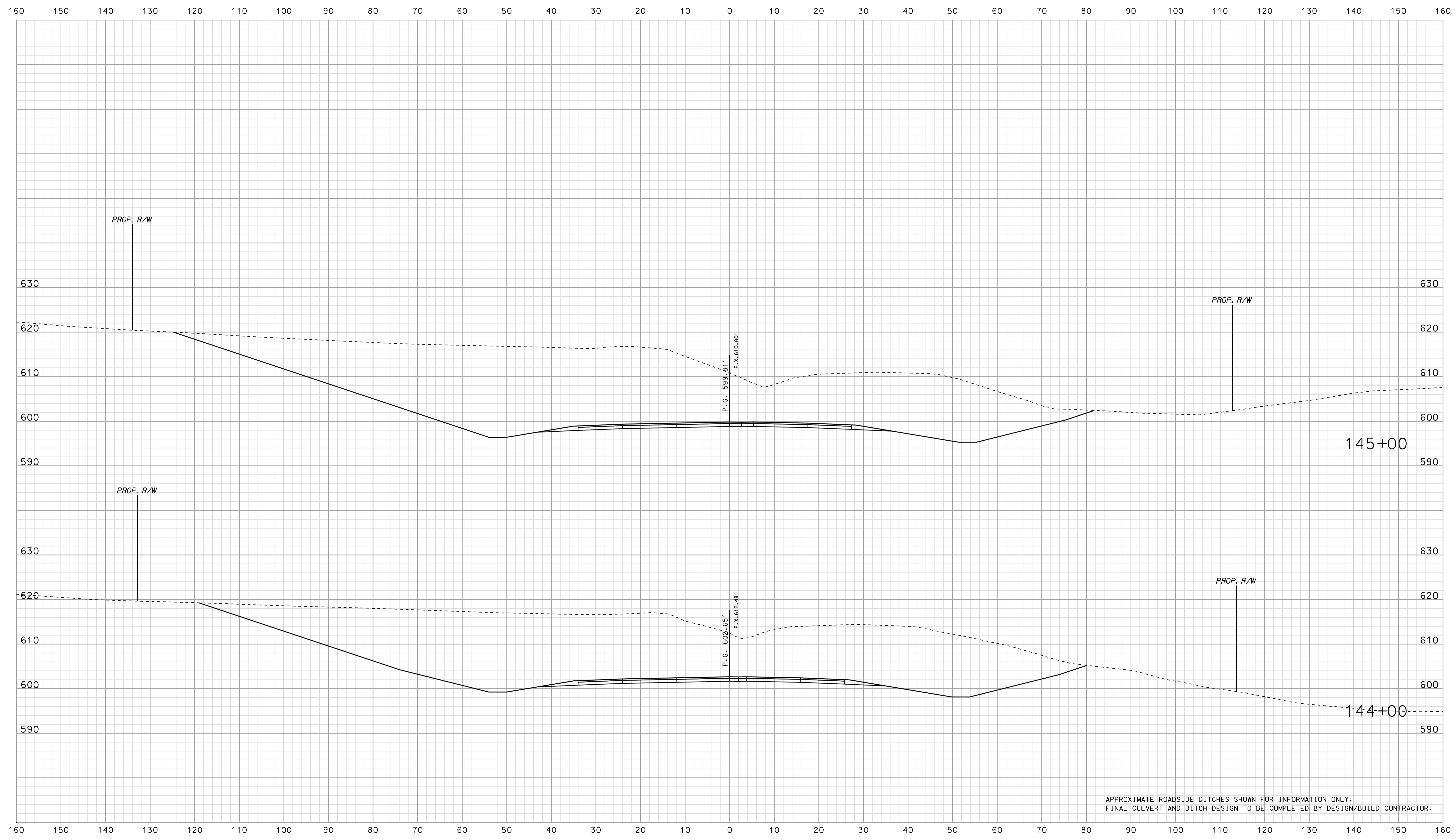
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH	
CHECKED: NDH	CHECKED: DMA	

INDIANA  
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS  
LINE "PR-US 231"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	XS-188	332 of 373
CONTRACT	PROJECT	
IR-33051	0500445	

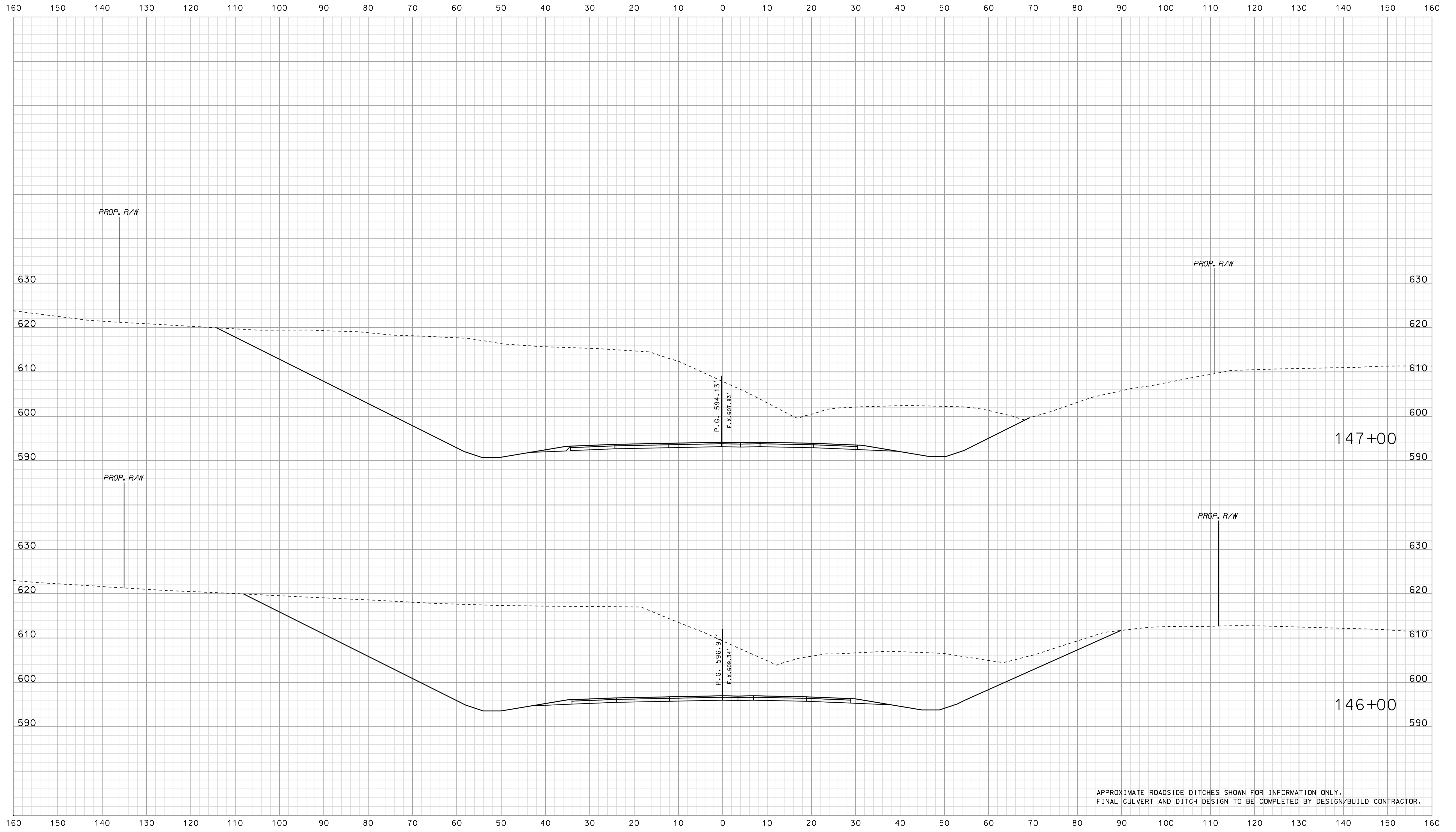
Scale 1 inch = 10 feet



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

\*\*\*\*\*SPECIFICATION\*\*\*\*\*  
 09.30

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 10'		BRIDGE FILE	
			DESIGNED: BJO		DRAWN: DH	
DESIGNED: BJO	DRAWN: DH		VERTICAL SCALE 1" = 10'		DESIGNATION 0500445	
CHECKED: NDH	CHECKED: DMA		SURVEY BOOK		DWG. NO. XS-189	SHEET NO. 333 of 373
ROADWAY CROSS SECTIONS LINE "PR-US 231"			CONTRACT IR-33051		PROJECT 0500445	



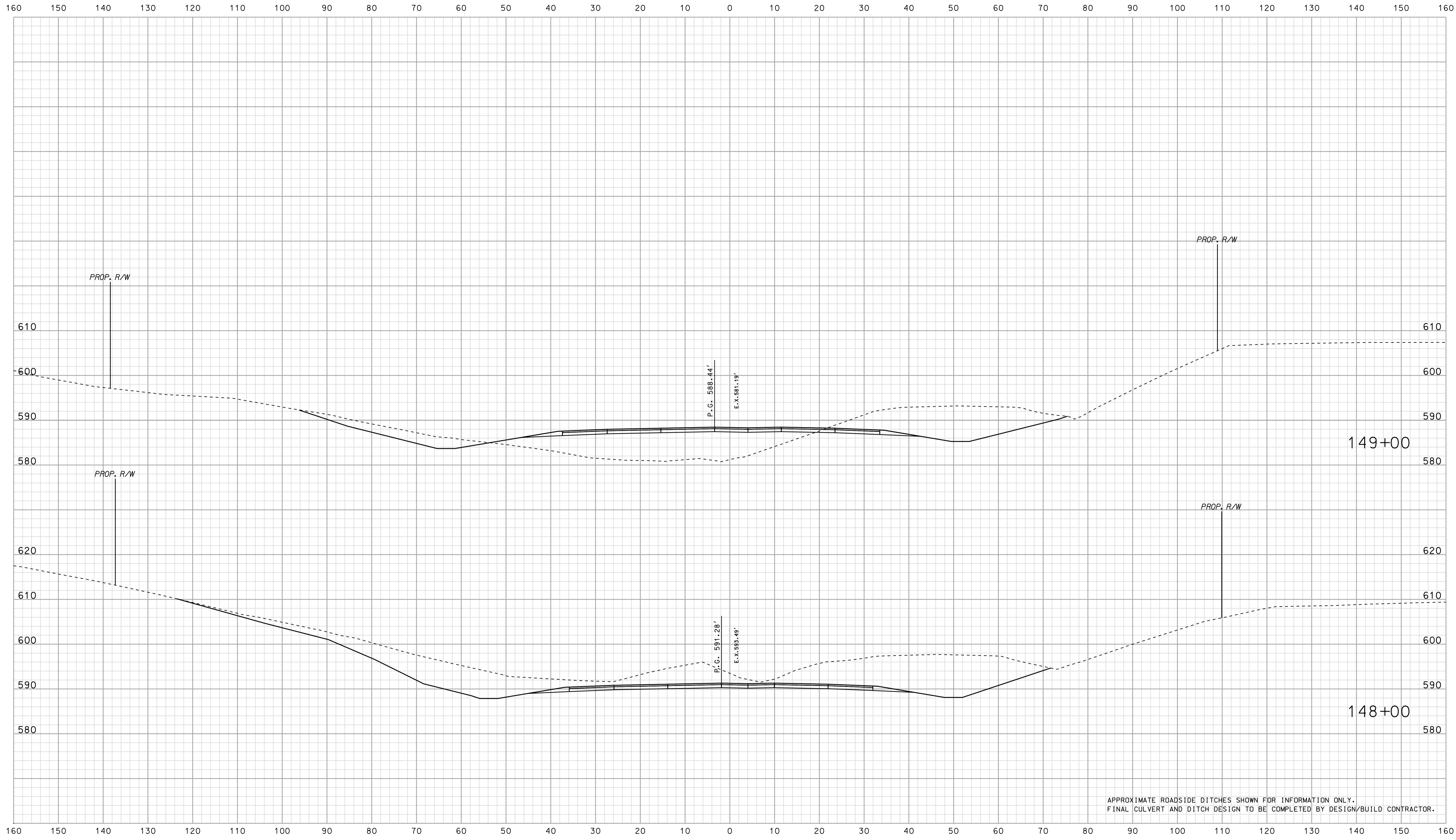
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

\*\*\*\*\*DISCONTINUATION\*\*\*\*\*  
 09-30  
 \*\*\*\*\*DISCONTINUATION\*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-US 231"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 10'			
VERTICAL SCALE		DESIGNATION	
1" = 10'		0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-190	334 of 373	
CONTRACT		PROJECT	
IR-33051		0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

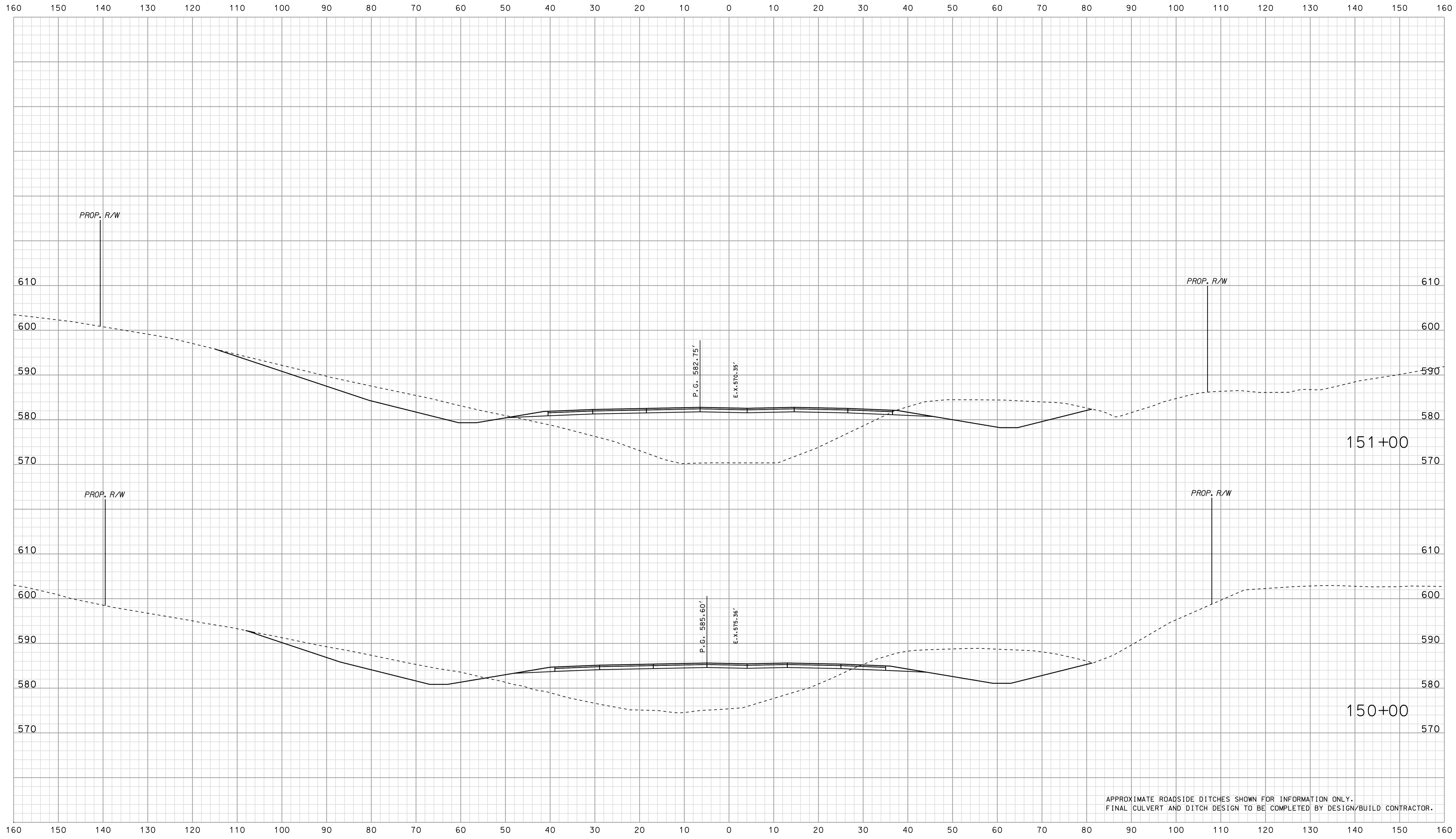
09-30  
\*\*\*\*\*SPECIFICATION\*\*\*\*\*

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER		DATE
	DESIGNED: BJO	DRAWN: DH	
CHECKED: NDH	CHECKED: DMA		

INDIANA  
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS  
LINE "PR-US 231"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-191	SHEET NO. 335 of 373
CONTRACT IR-33051	PROJECT 0500445	



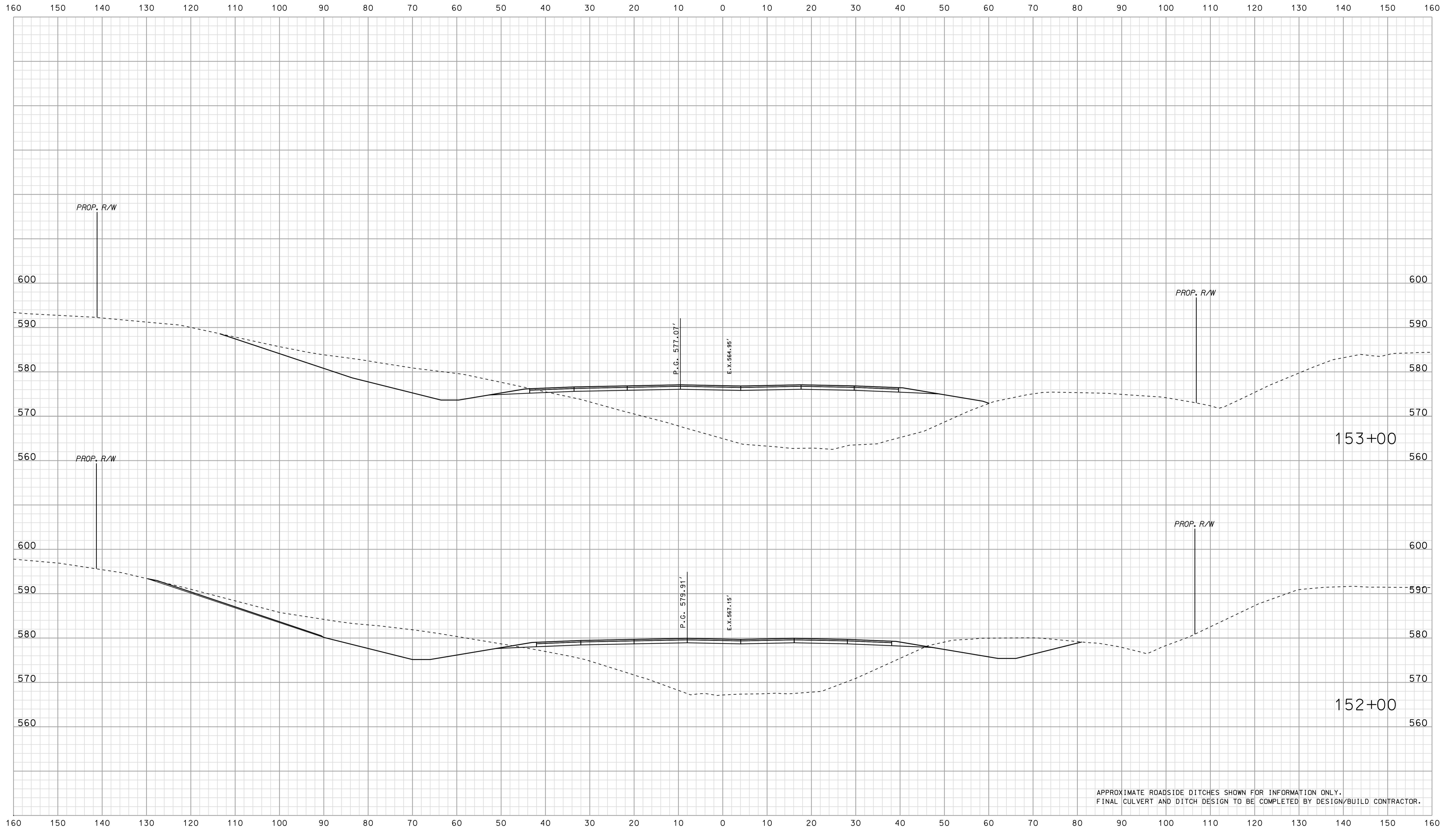
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
 FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

\*\*\*\*\*US\*\*\*\*\*  
 \*\*\*\*\*SPECIFICATION\*\*\*\*\*

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH	
CHECKED: NOH	CHECKED: DMA	

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 ROADWAY CROSS SECTIONS  
 LINE "PR-US 231"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445
SURVEY BOOK	DWG. NO. SHEET NO.
CONTRACT IR-33051	XS-192 336 of 373 PROJECT 0500445

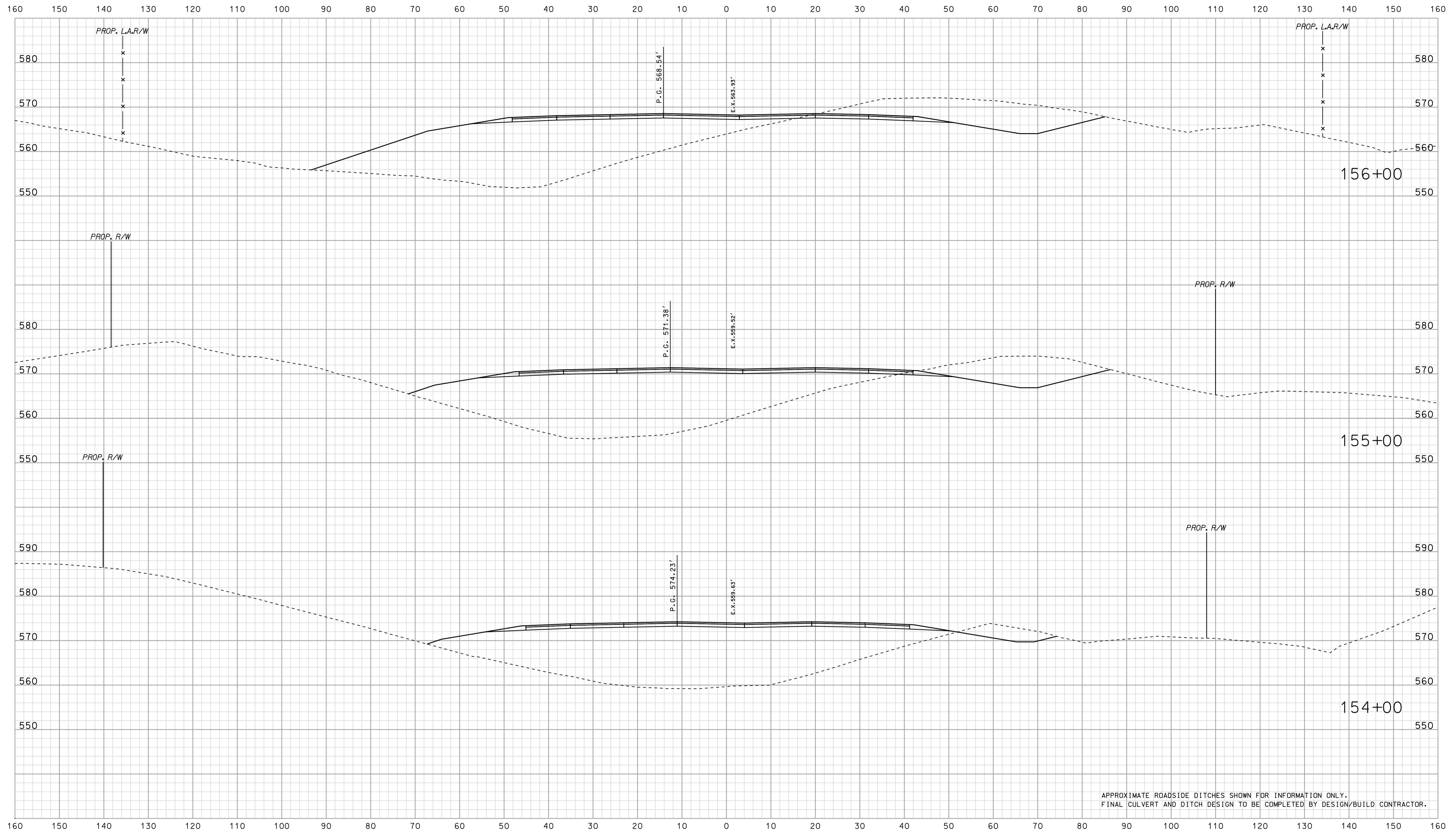


APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

\*\*\*\*\*  
 09-40  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

	RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION			HORIZONTAL SCALE	BRIDGE FILE
							1" = 10'	
							VERTICAL SCALE	DESIGNATION
							1" = 10'	0500445
	DESIGNED: BJO	DRAWN: DH		ROADWAY CROSS SECTIONS LINE "PR-US 231"			SURVEY BOOK	DWG. NO. SHEET NO.
	CHECKED: NDH	CHECKED: DMA					CONTRACT	XS-193 337 of 373
							IR-33051	PROJECT 0500445





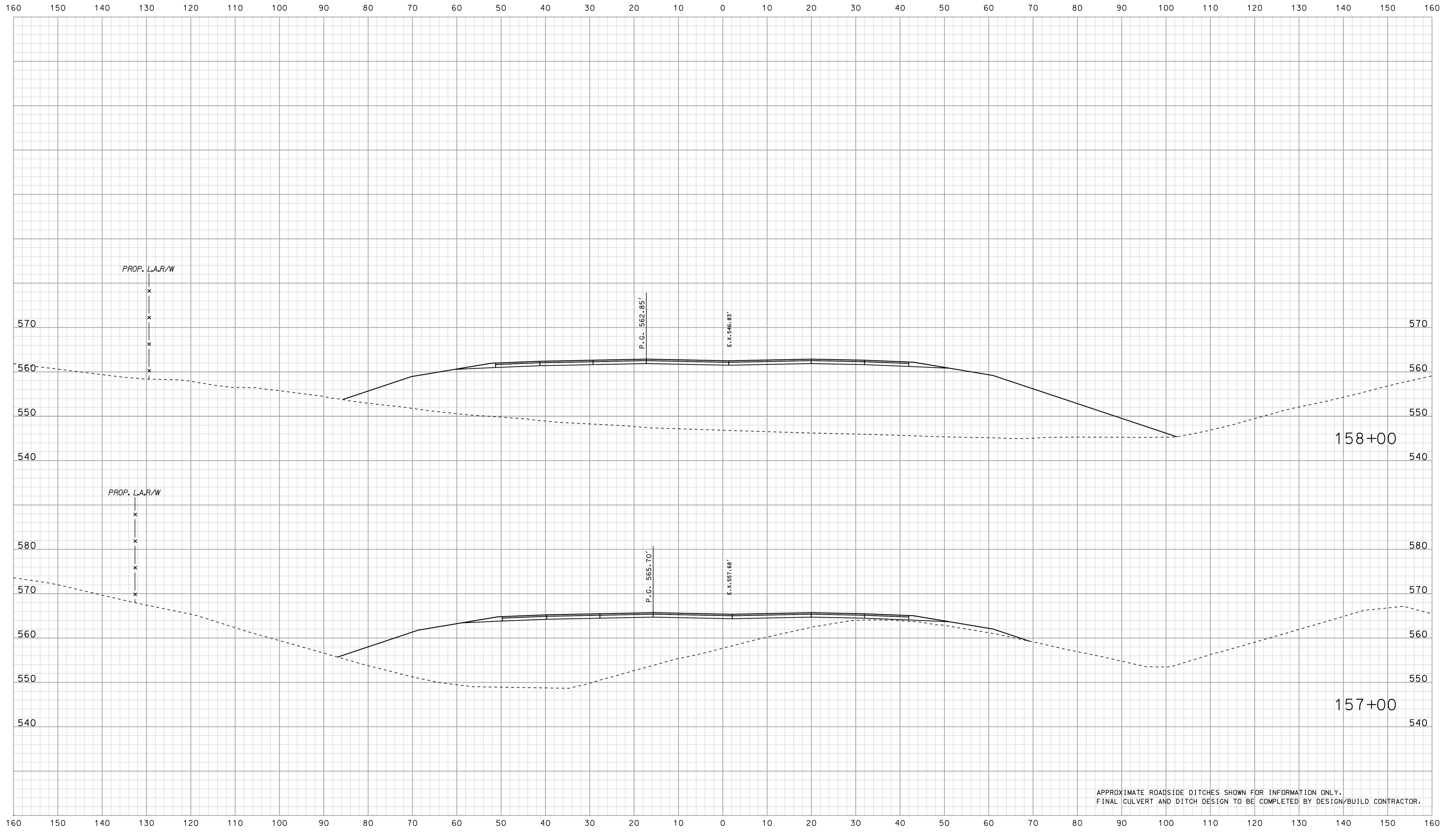
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

\*\*\*\*\*SPECIFICATION\*\*\*\*\*  
 09-40  
 \*\*\*\*\*

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: BJO	DRAWN: DH		
CHECKED: NDH	CHECKED: DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-US 231"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-194	338 of 373
	PROJECT	0500445



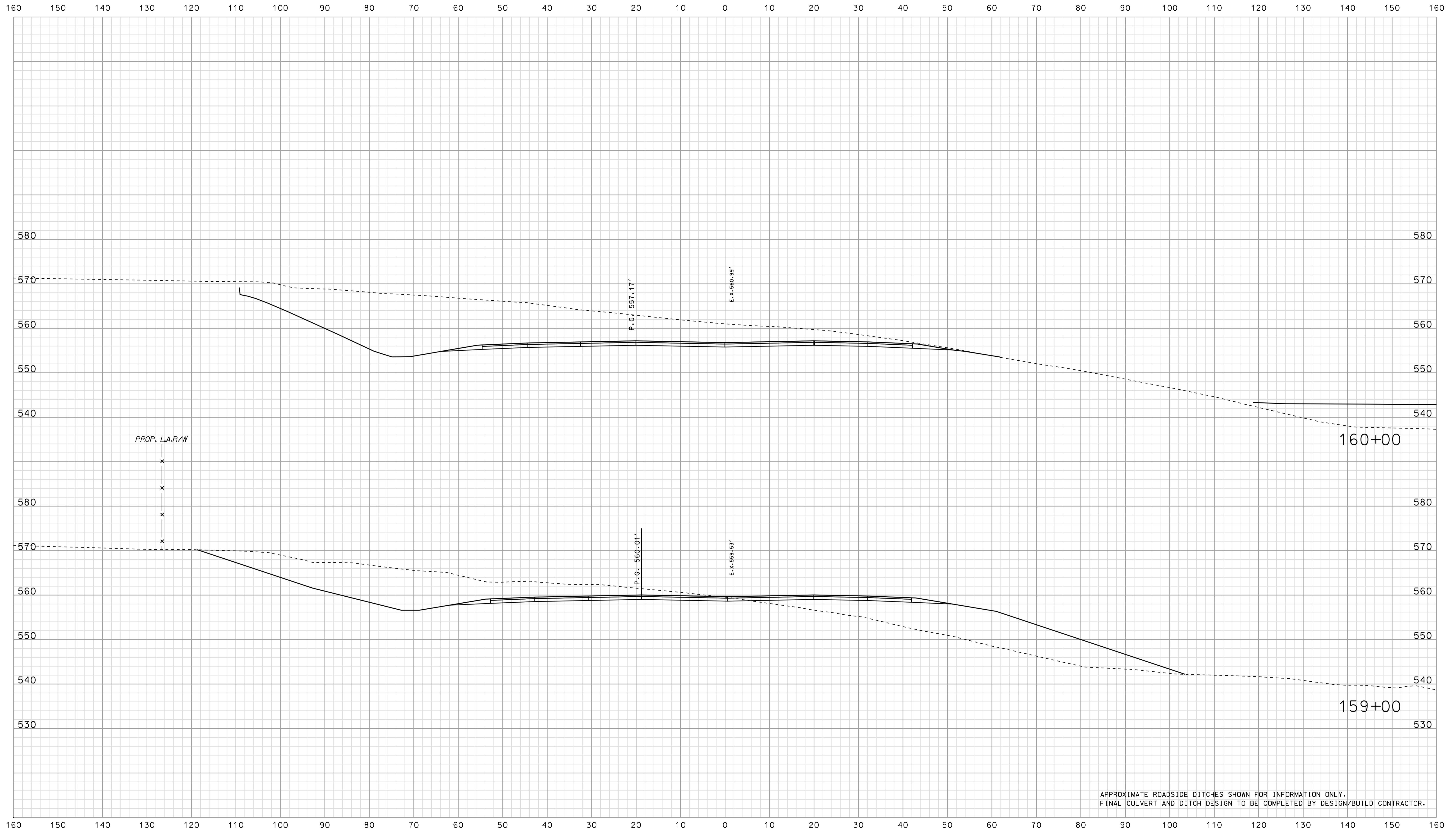
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

\*\*\*\*\*  
 09-40  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-US 231"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-195	SHEET NO. 339 of 373
CONTRACT IR-33051	PROJECT 0500445	

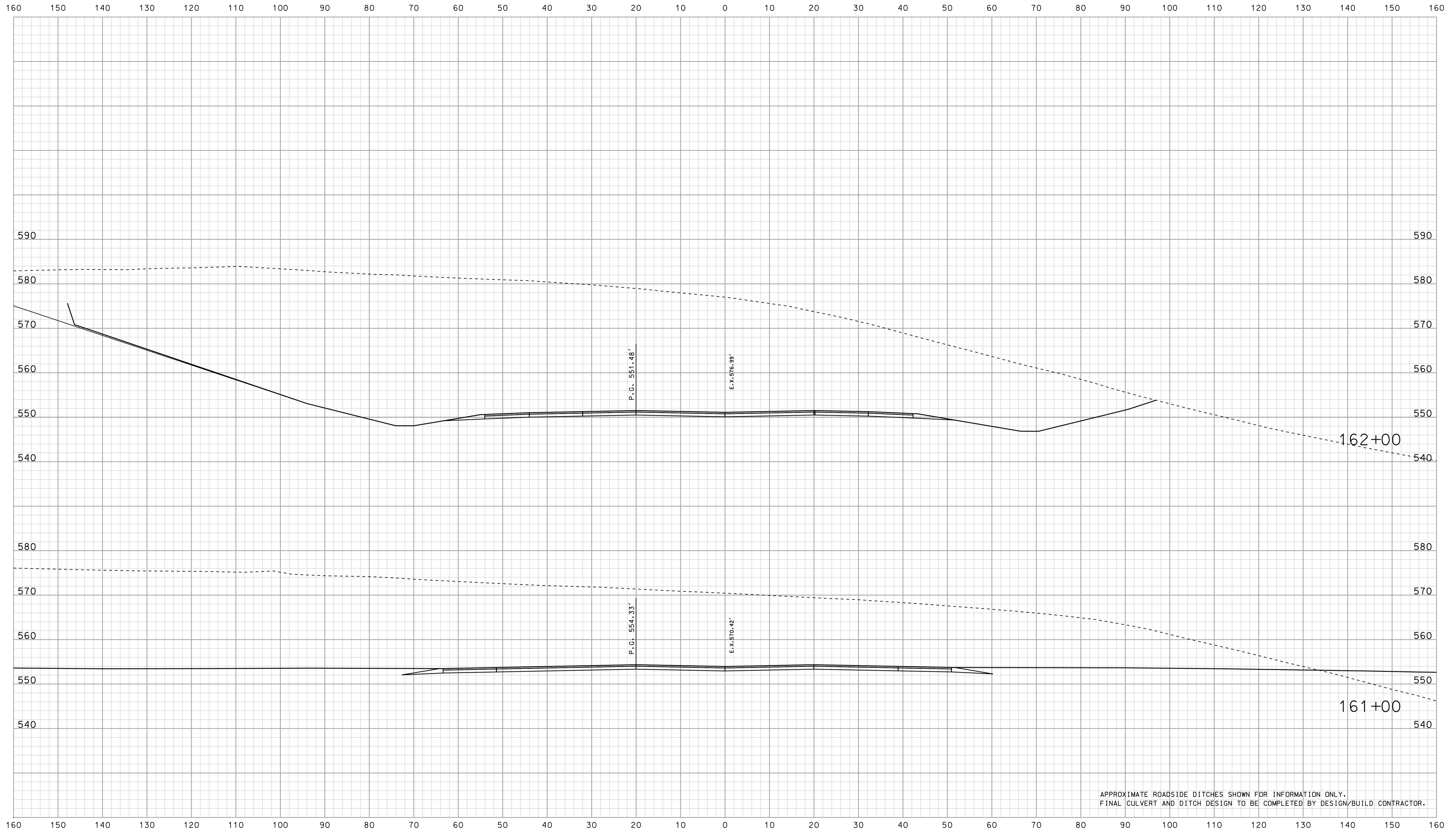


\*\*\*\*\*  
 09-40  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-US 231"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 10'			
VERTICAL SCALE		DESIGNATION	
1" = 10'		0500445	
SURVEY BOOK		DWG. NO.	SHEET NO.
		XS-196	340 of 373
CONTRACT		PROJECT	
IR-33051		0500445	

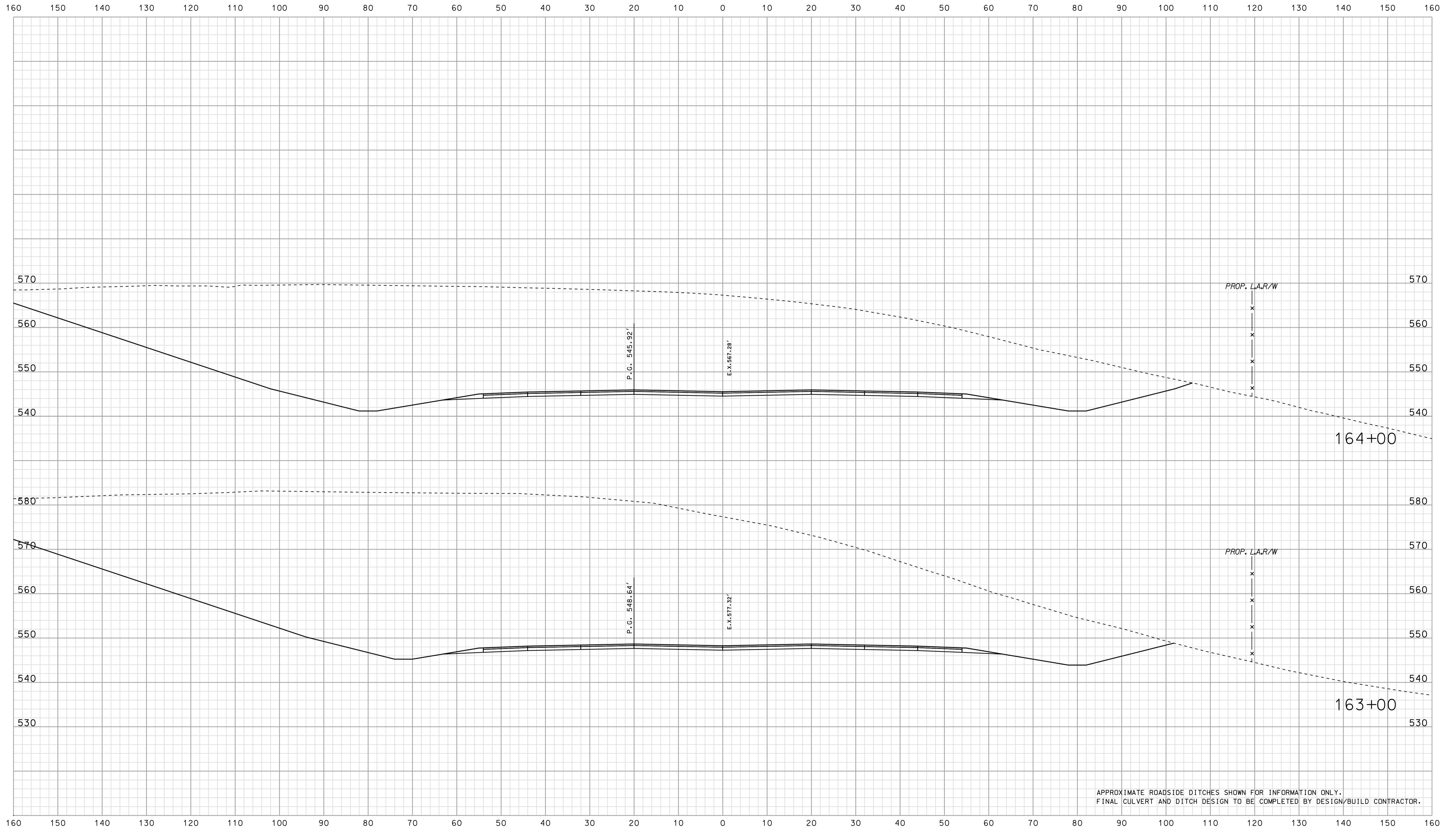


\*\*\*\*\*SPECIFICATION\*\*\*\*\*  
 09-40  
 \*\*\*\*\*

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: BJO	DRAWN: DH		
CHECKED: NDH	CHECKED: DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-US 231"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-197	341 of 373
	PROJECT	0500445



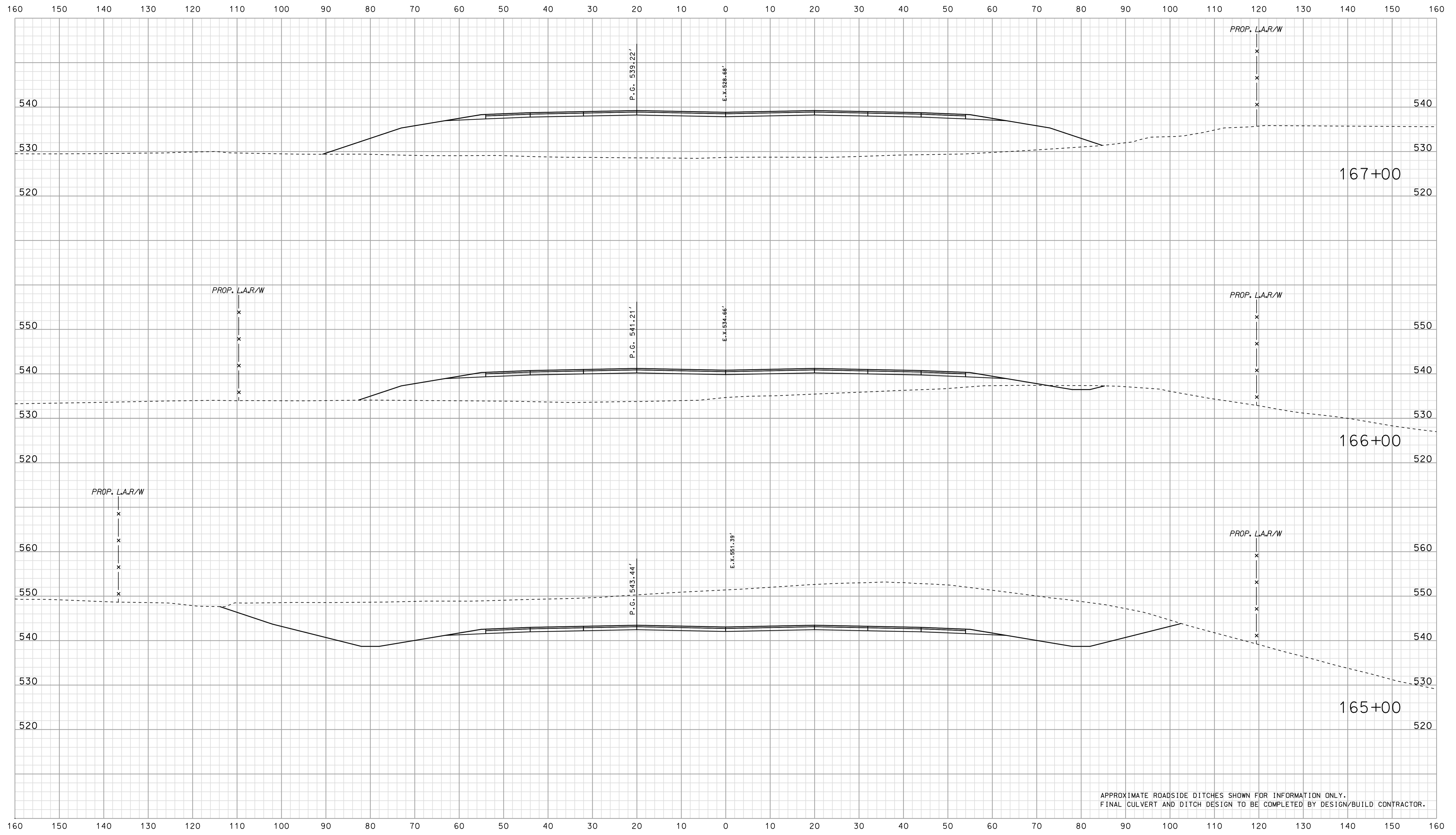
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

\*\*\*\*\*  
 09-41  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-US 231"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-198	342 of 373
	PROJECT 0500445	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

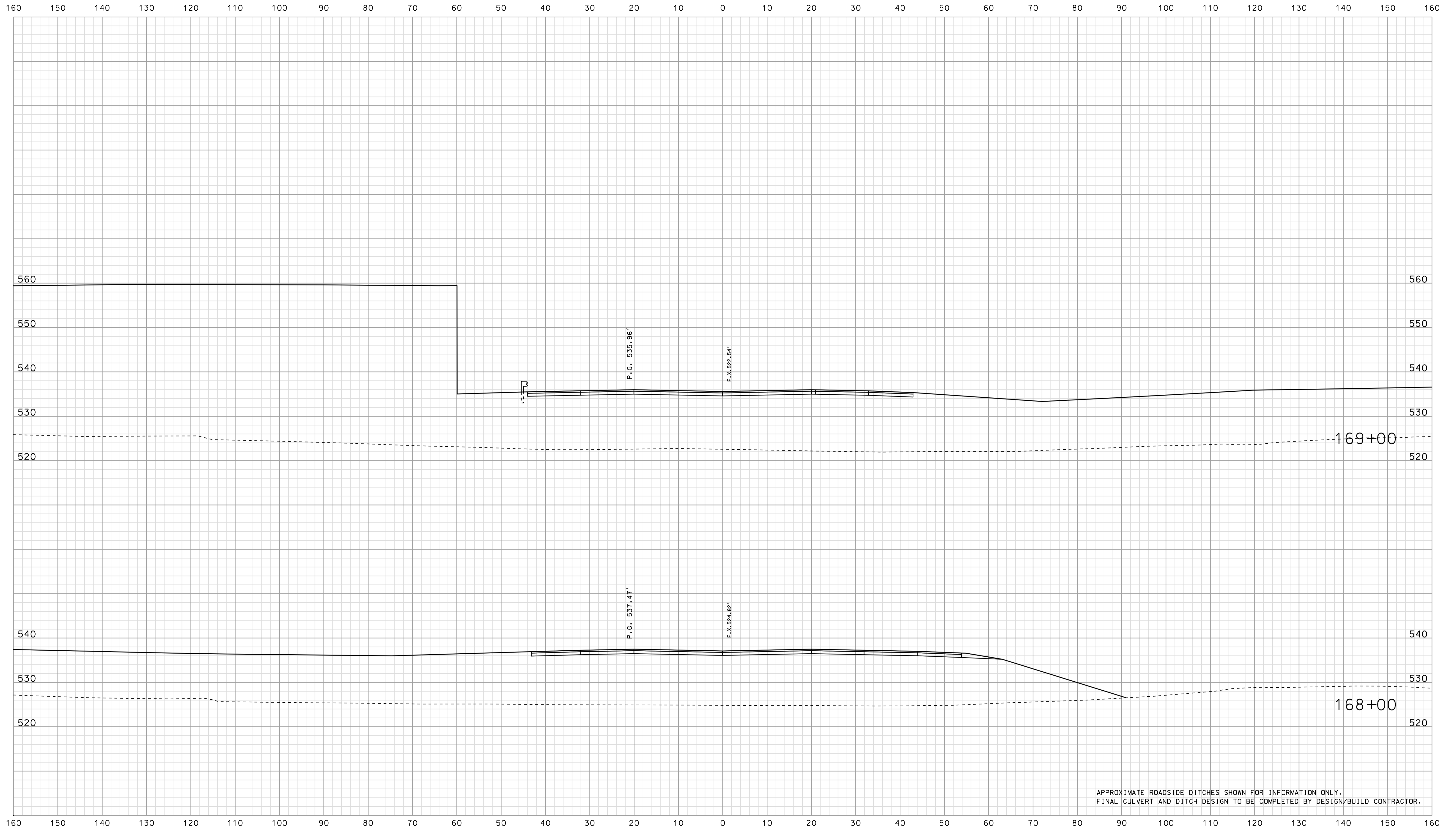
\*\*\*\*\*  
 09-41  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: BJO	DRAWN: DH		
CHECKED: NDH	CHECKED: DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-US 231"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-199	343 of 373
	PROJECT 0500445	

Scale 1 inch = 10 feet

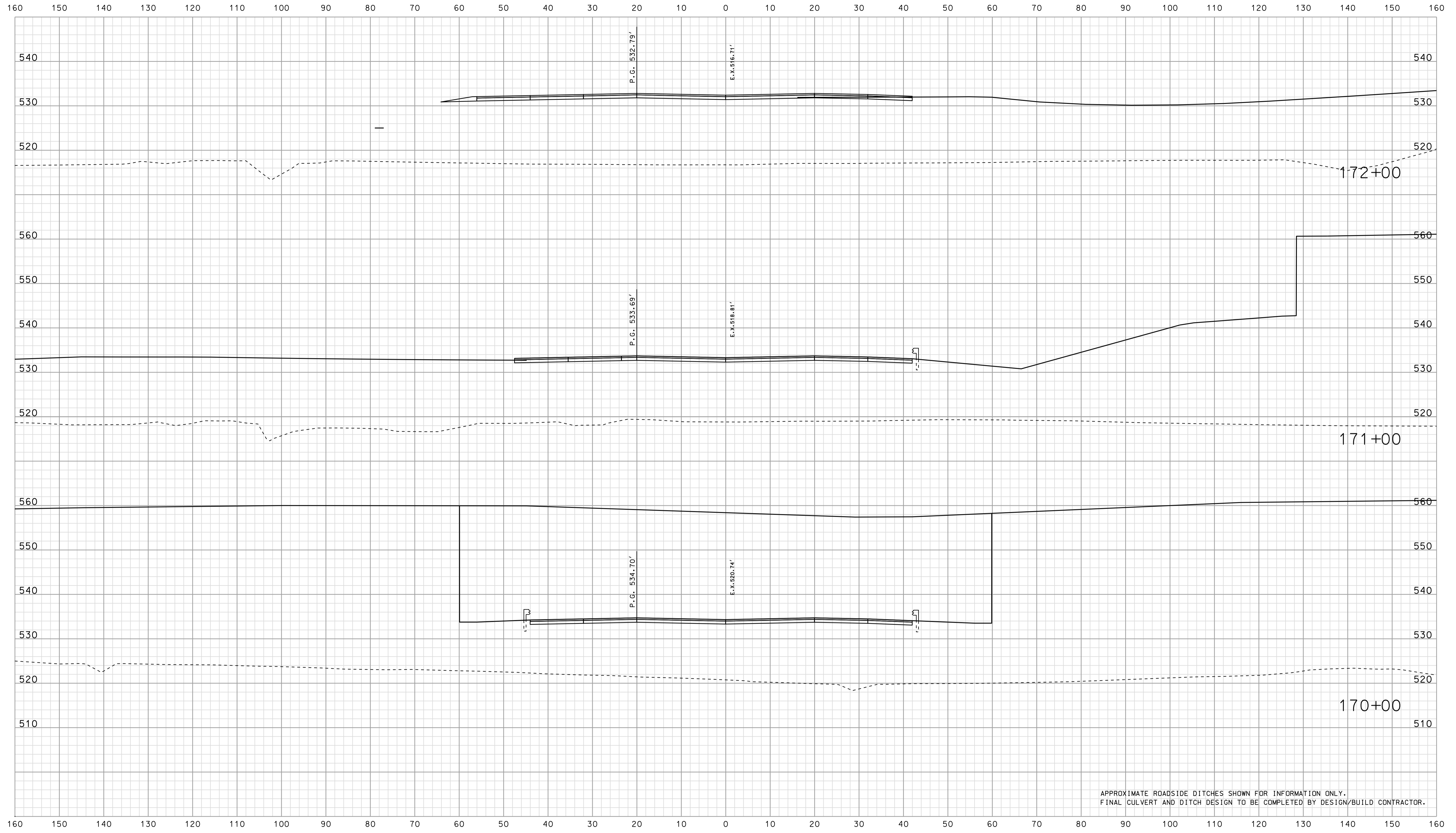


APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

\*\*\*\*\*SPECIFICATION\*\*\*\*\*  
 09-11

	RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION			HORIZONTAL SCALE	BRIDGE FILE
							1" = 10'	
	DESIGNED: BJO	DRAWN: DH		ROADWAY CROSS SECTIONS LINE "PR-US 231"			VERTICAL SCALE	DESIGNATION
	CHECKED: NOH	CHECKED: DMA					1" = 10'	0500445
							SURVEY BOOK	DWG. NO. SHEET NO.
							IR-33051	XS-200 344 of 373
							CONTRACT	PROJECT
							IR-33051	0500445

Scale 1 inch = 10 feet



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

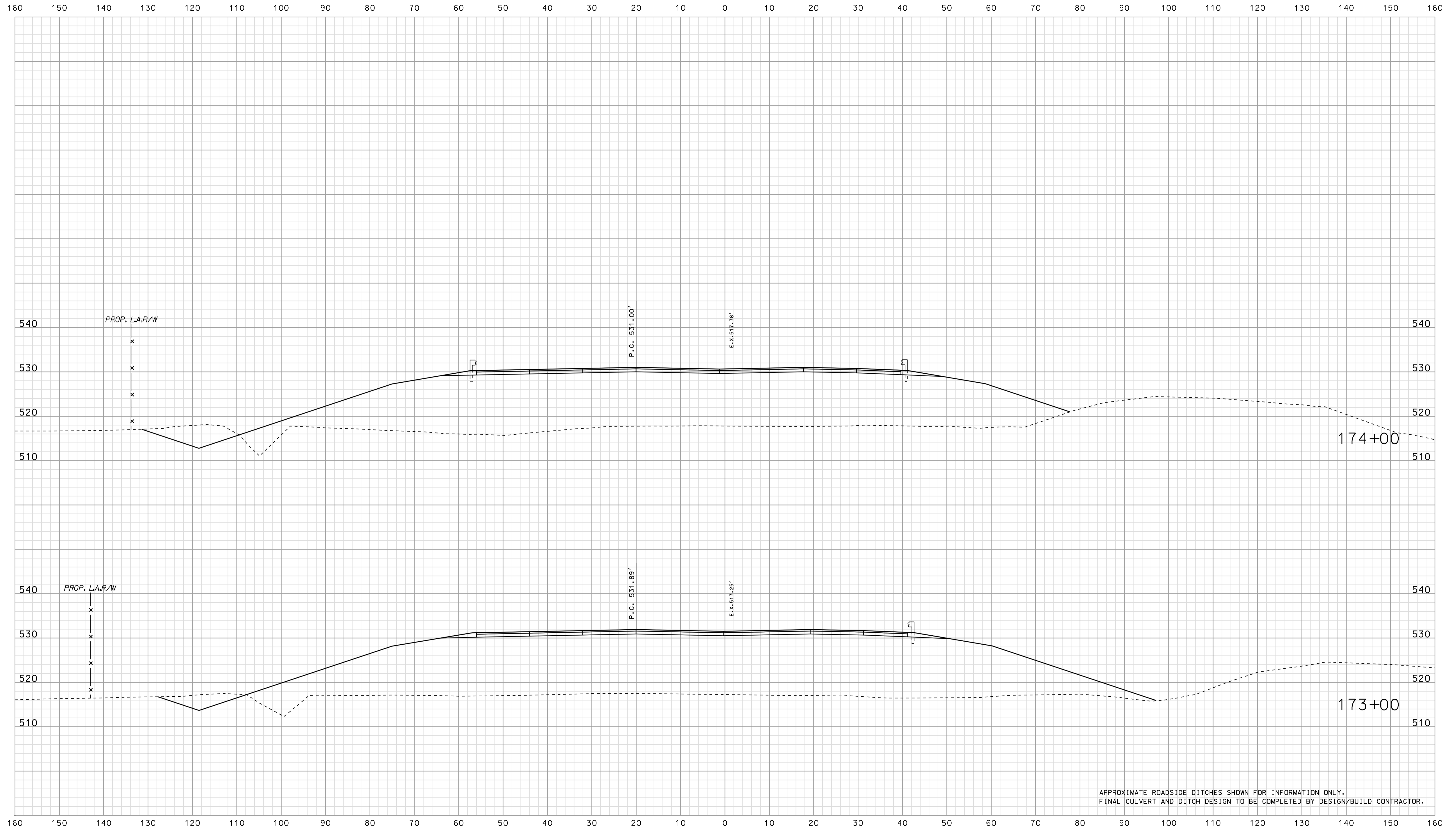
\*\*\*\*\*SPECIFICATION\*\*\*\*\*  
 \*\*\*\*\*09/41\*\*\*\*\*  
 \*\*\*\*\*0\*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO		DRAWN: DH			
CHECKED: NOH		CHECKED: DMA			

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-US 231"

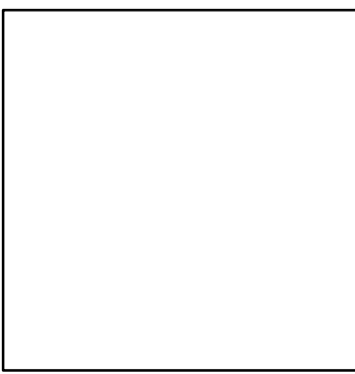
HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-201	345 of 373
	PROJECT	0500445





APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

\*\*\*\*\*SPECIFICATION\*\*\*\*\*



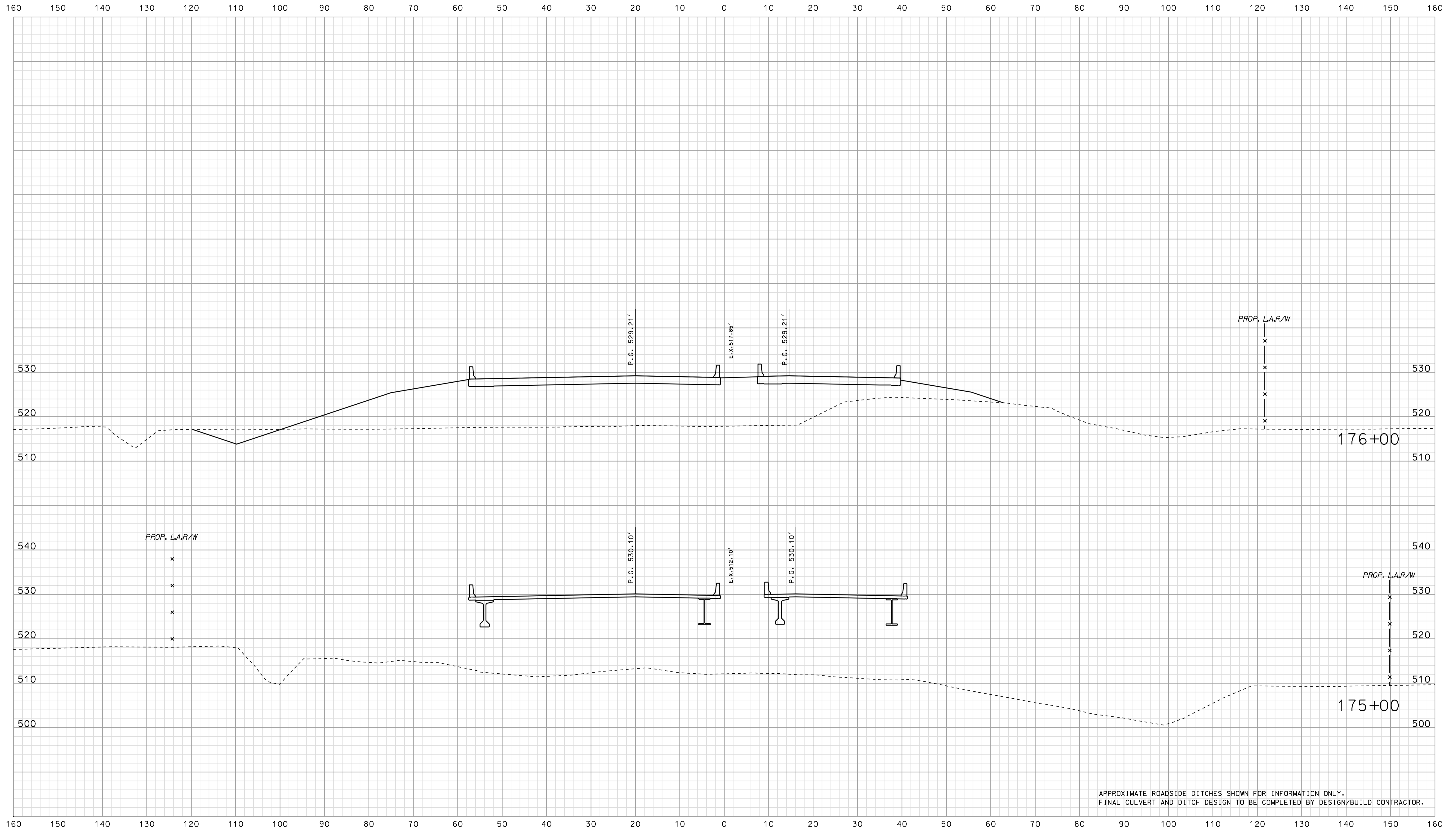
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH	
CHECKED: NDH	CHECKED: DMA	

INDIANA  
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS  
LINE "PR-US 231"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-202	346 of 373
	PROJECT	0500445

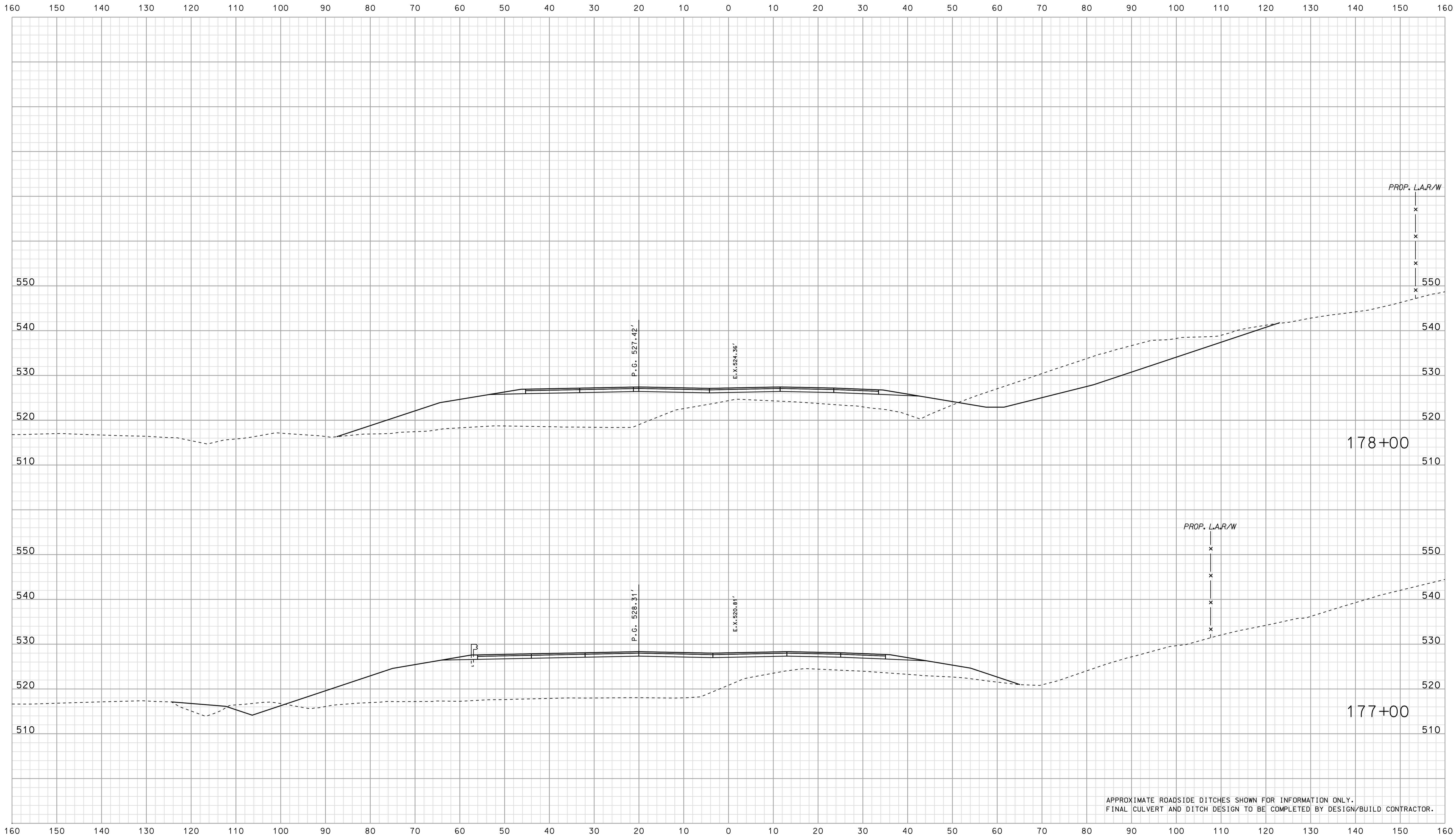
Scale 1 inch = 10 feet



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

\*\*\*\*\*SPECIFICATION\*\*\*\*\*

	RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION			HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: BJO	DRAWN: DH	CHECKED: NDH				CHECKED: DMA	1" = 10'
				ROADWAY CROSS SECTIONS LINE "PR-US 231"			1" = 10'	0500445
							CONTRACT	PROJECT
				IR-33051	0500445	XS-203	347	of 373



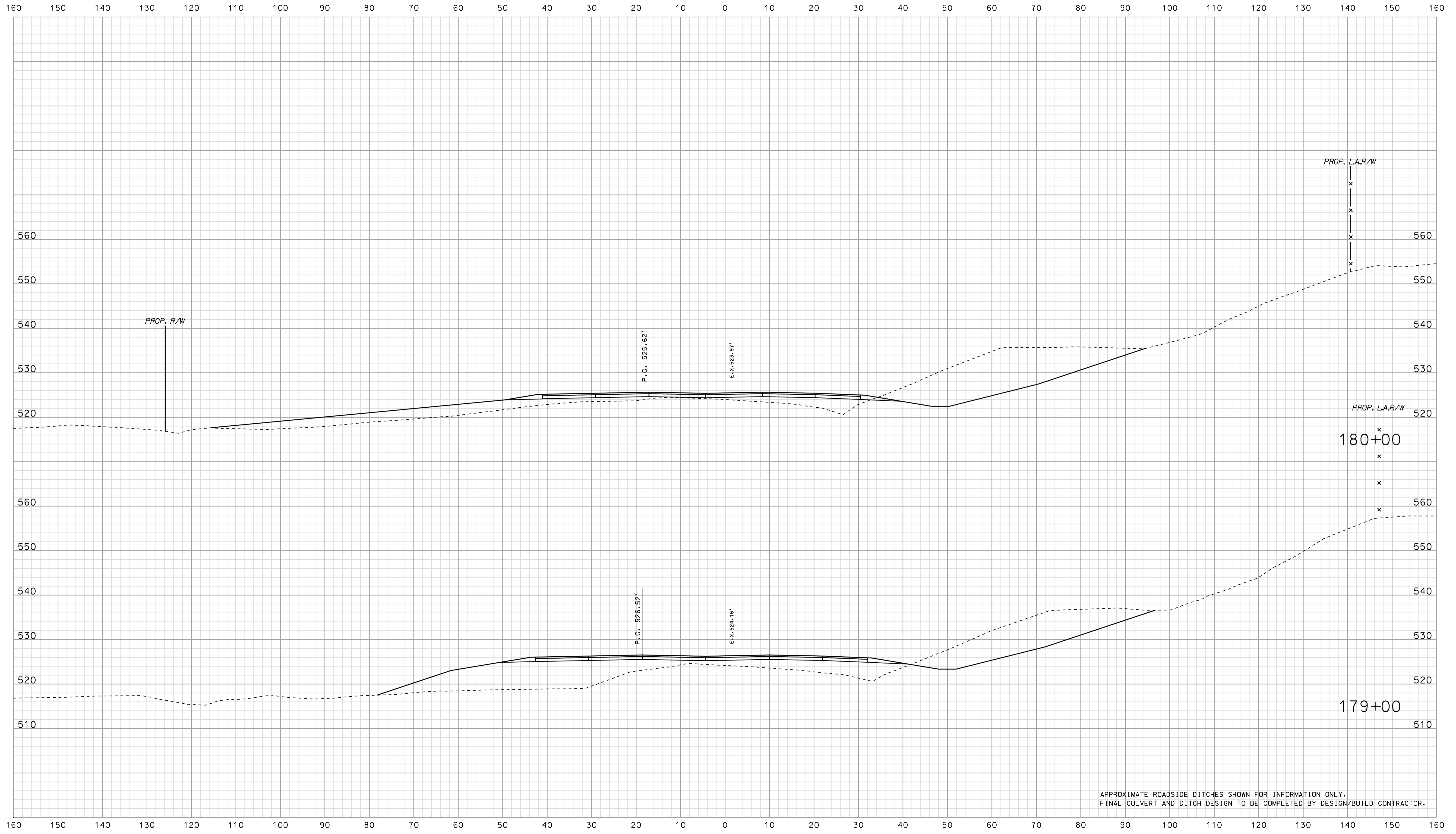
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

\*\*\*\*\*CONSISTENT SPECIFICATION\*\*\*\*\*  
 09-41  
 \*\*\*\*\*CONSISTENT SPECIFICATION\*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE
DESIGNED: BJO	DRAWN: DH			
CHECKED: NDH	CHECKED: DMA			

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-US 231"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-204	SHEET NO. 348 of 373
CONTRACT IR-33051	PROJECT 0500445	

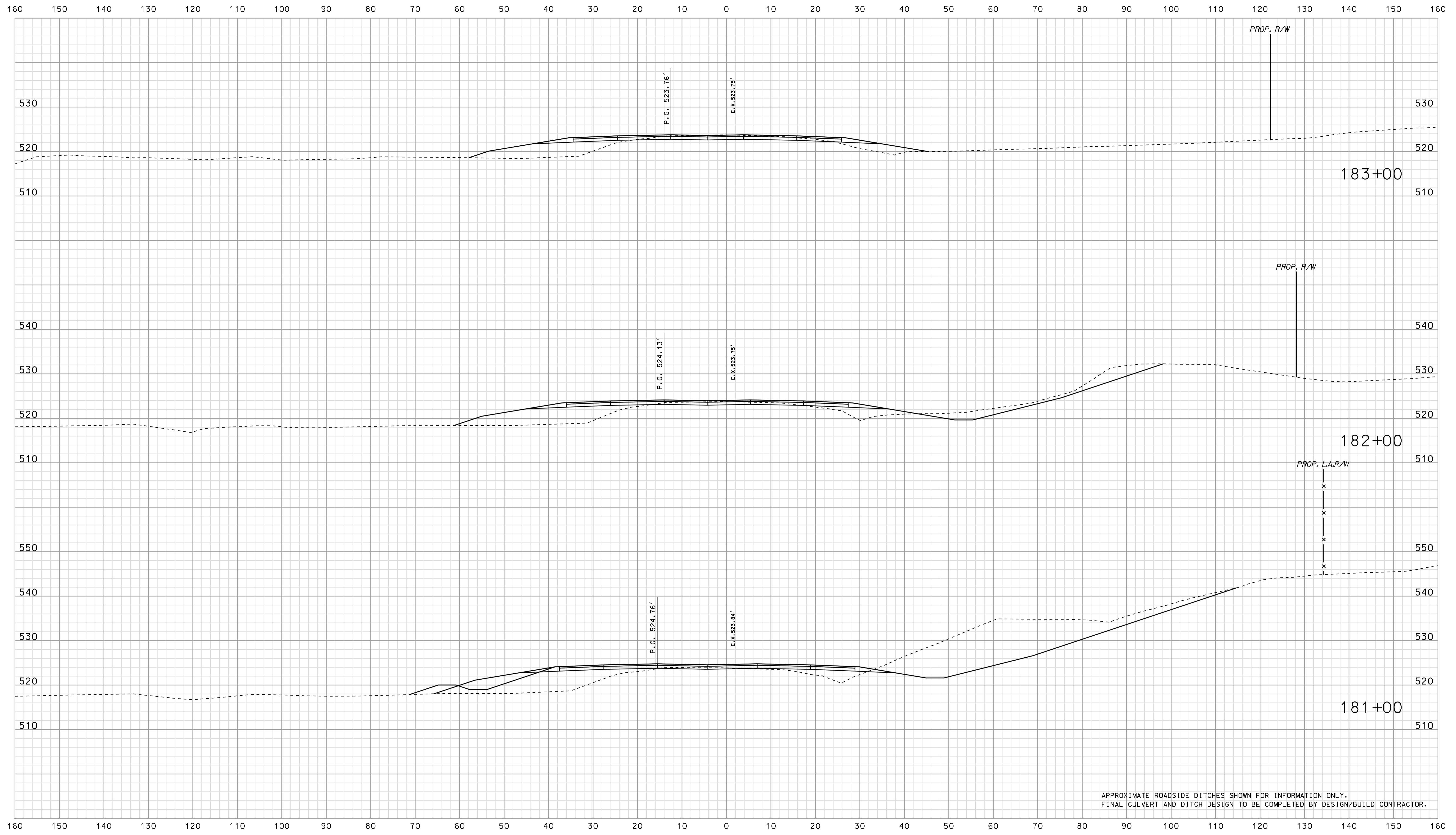


\*\*\*\*\*SPECIFICATION\*\*\*\*\*  
 09-42  
 \*\*\*\*\*

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 ROADWAY CROSS SECTIONS  
 LINE "PR-US 231"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-205	349 of 373
	PROJECT 0500445	



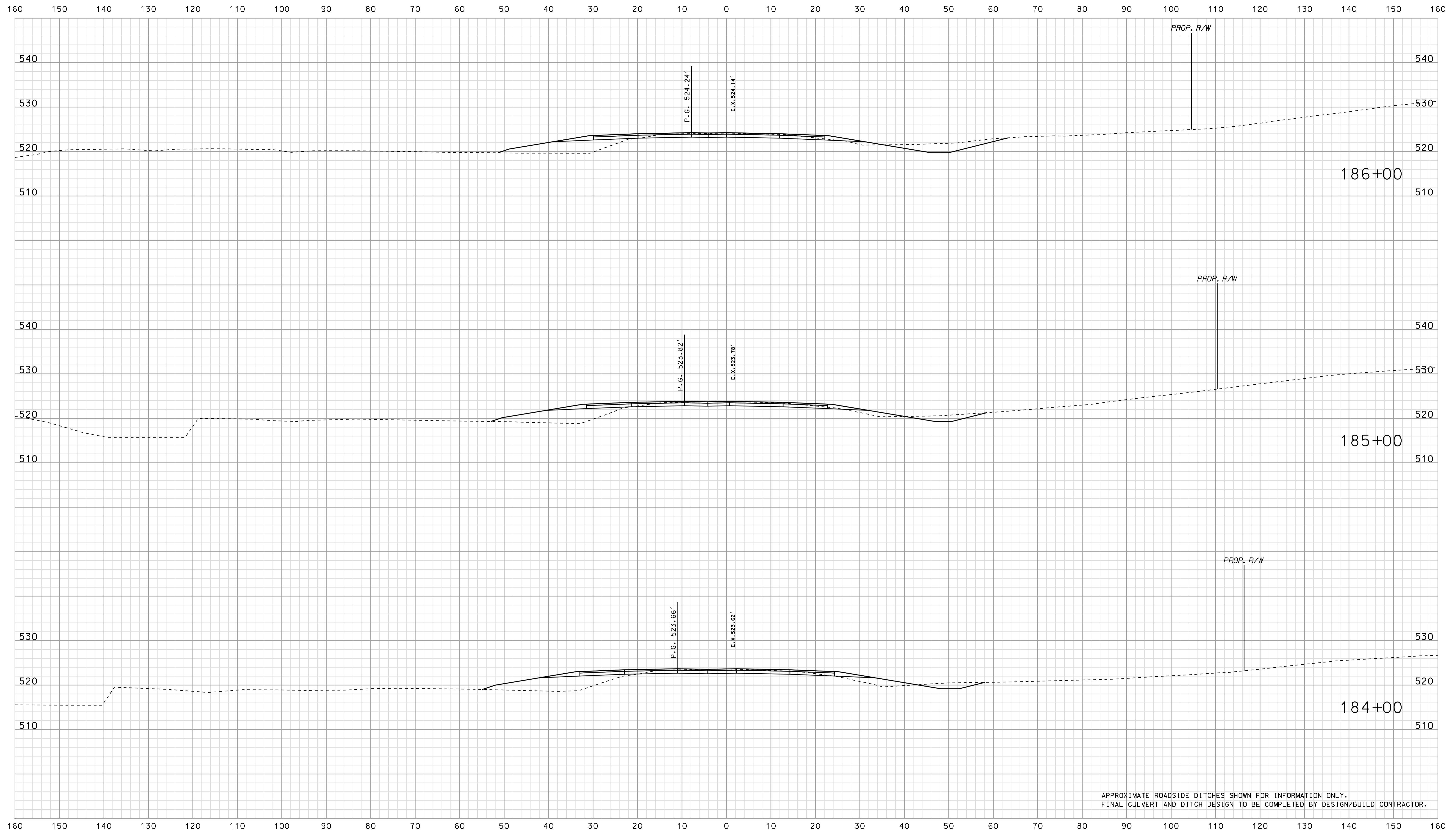
\*\*\*\*\*SPECIFICATION\*\*\*\*\*  
 09-42  
 \*\*\*\*\*



RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH		
CHECKED: NDH	CHECKED: DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-US 231"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-206	SHEET NO. 350 of 373
CONTRACT IR-33051	PROJECT 0500445	



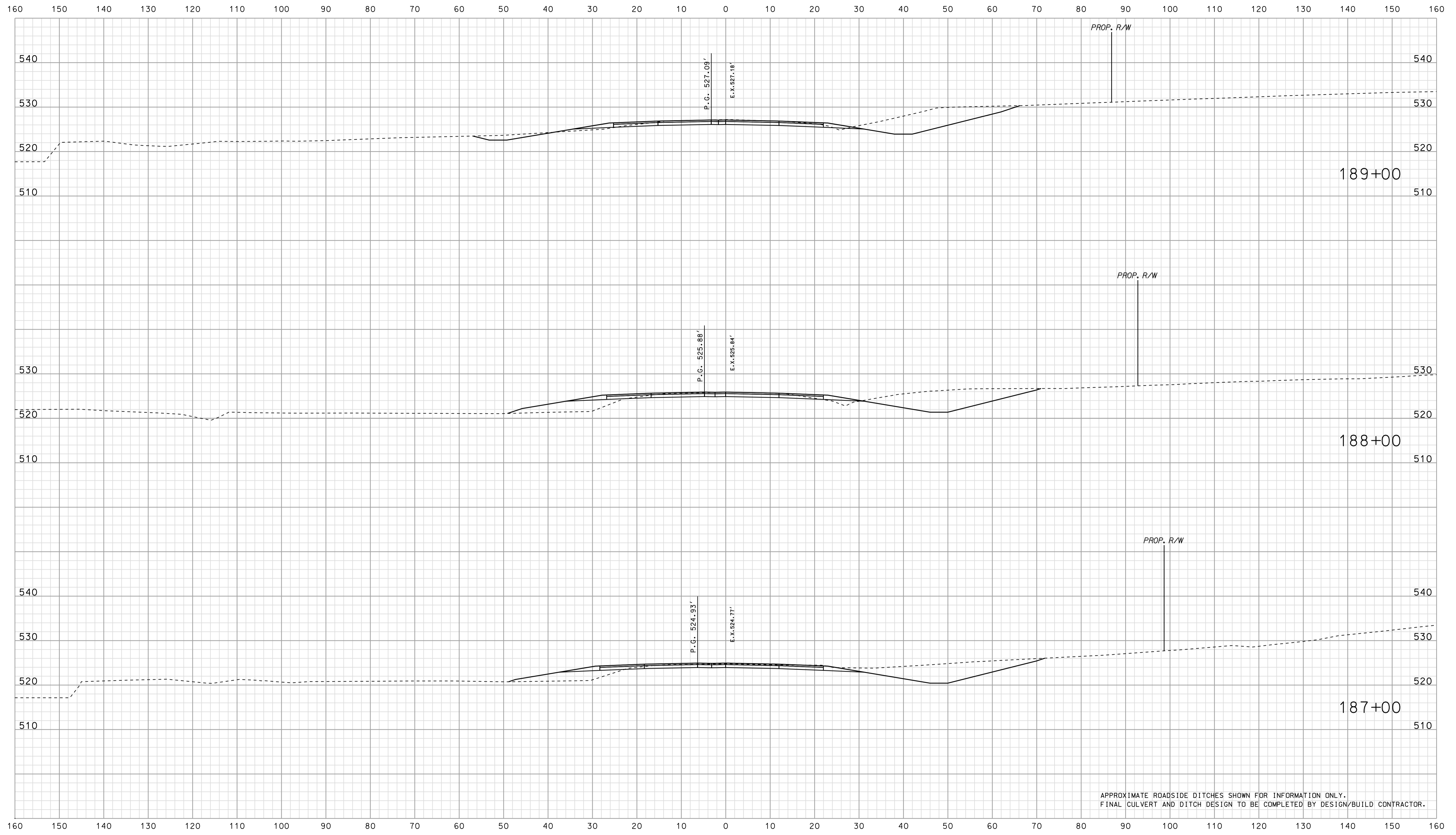
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

\*\*\*\*\*0942 \*\*\*\*\*  
 \*\*\*\*\*CONSTRUCTION\*\*\*\*\*  
 \*\*\*\*\*0500445\*\*\*\*\*

RECOMMENDED FOR APPROVAL _____	
DESIGNED: BJO	DRAWN: DH
CHECKED: NDH	CHECKED: DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-US 231"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-207	SHEET NO. 351 of 373
CONTRACT IR-33051	PROJECT 0500445	



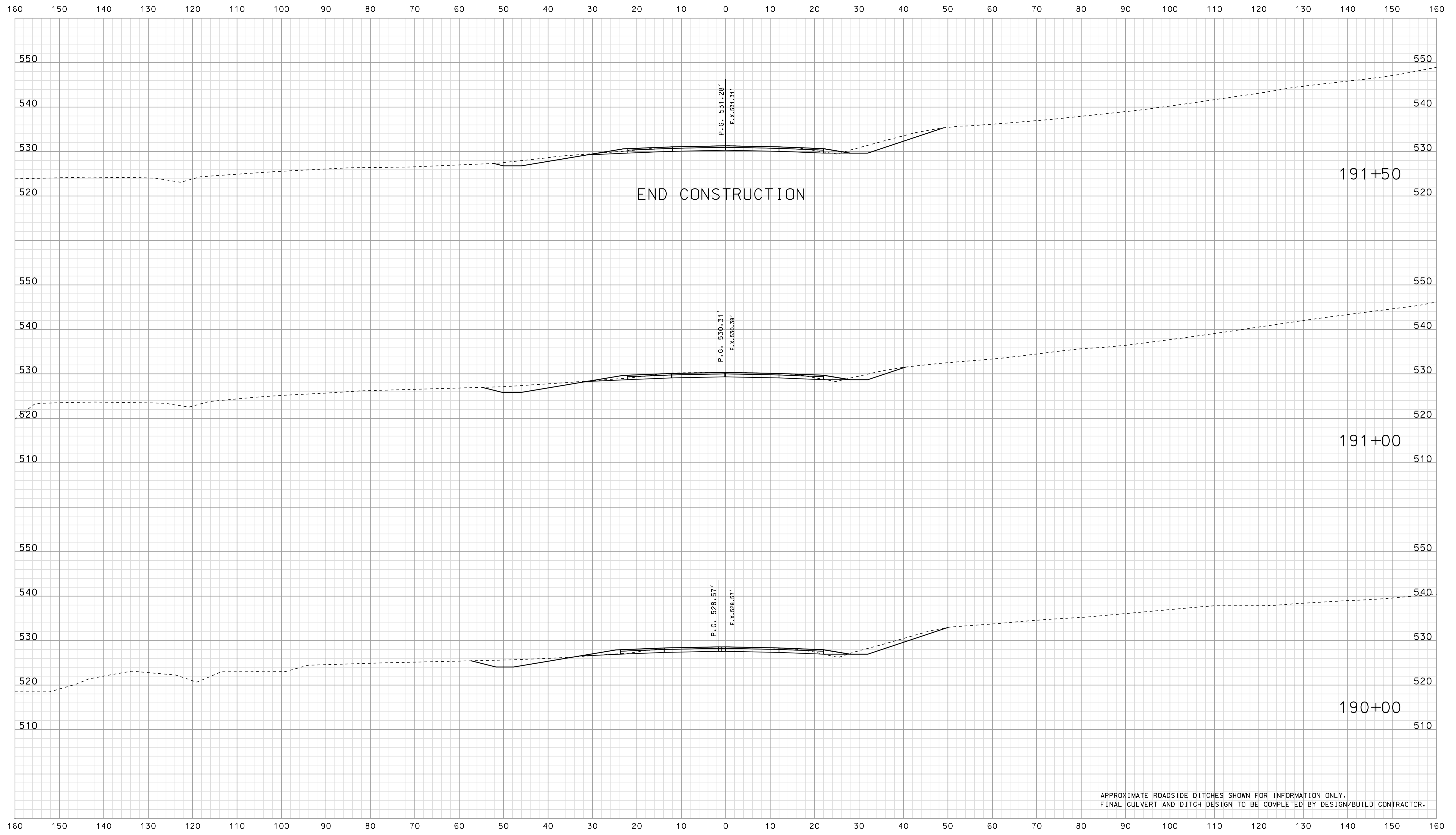
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

\*\*\*\*\*  
 0942  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO		DRAWN: DH			
CHECKED: NDH		CHECKED: DMA			

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-US 231"

HORIZONTAL SCALE 1" = 10'		BRIDGE FILE	
VERTICAL SCALE 1" = 10'		DESIGNATION 0500445	
SURVEY BOOK		DWG. NO.	SHEET NO.
CONTRACT IR-33051		XS-208	352 of 373
		PROJECT 0500445	



END CONSTRUCTION

191+50

191+00

190+00

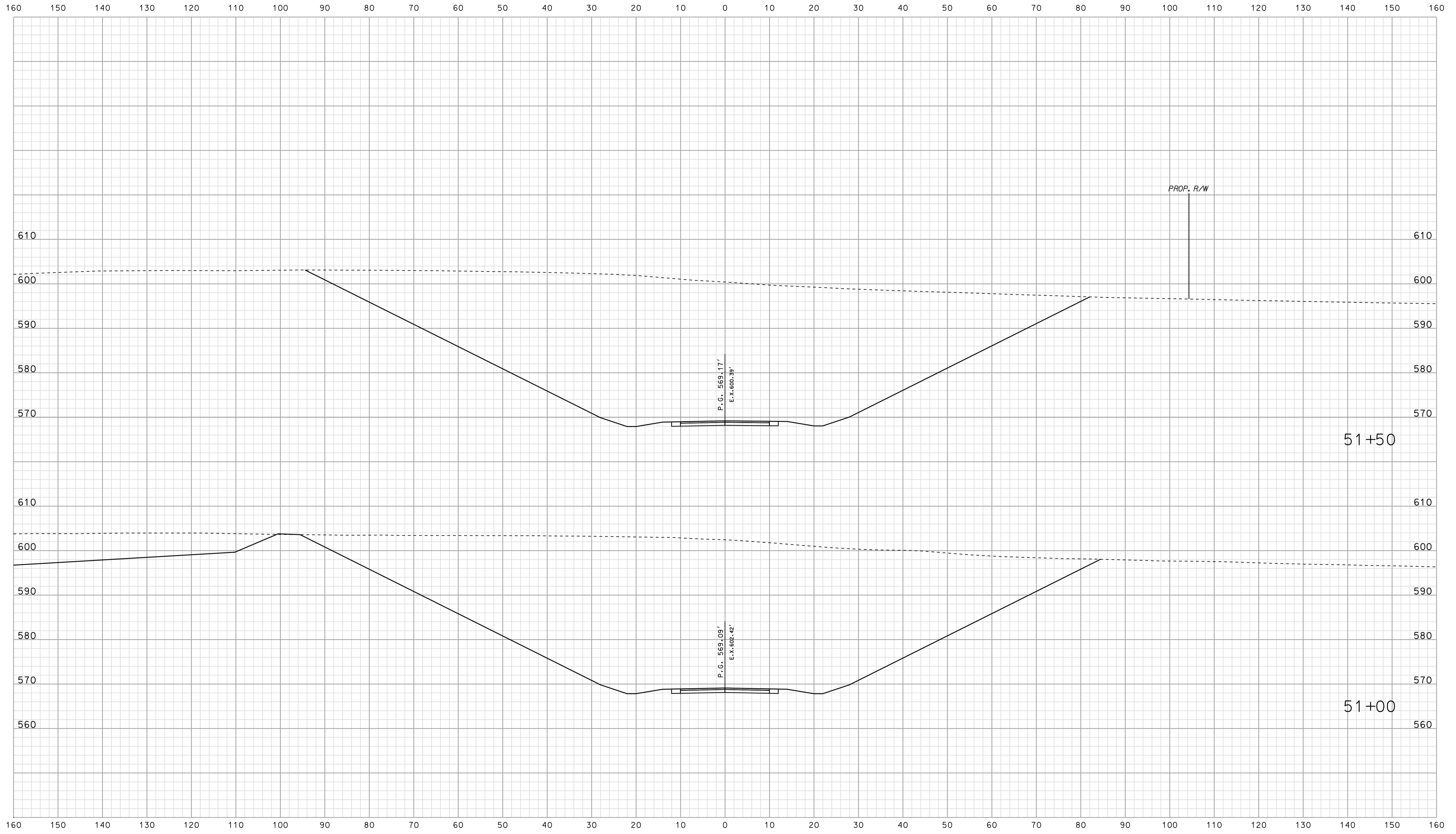
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.  
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

\*\*\*\*\*  
 09-42  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

	RECOMMENDED FOR APPROVAL		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
	DESIGN ENGINEER	DATE		1" = 10'	
DESIGNED: BJO	DRAWN: DH	ROADWAY CROSS SECTIONS LINE "PR-US 231"		VERTICAL SCALE	DESIGNATION
CHECKED: NDH	CHECKED: DMA			1" = 10'	0500445
				SURVEY BOOK	DWG. NO. SHEET NO.
				IR-33051	XS-209 353 of 373
				CONTRACT	PROJECT
				IR-33051	0500445





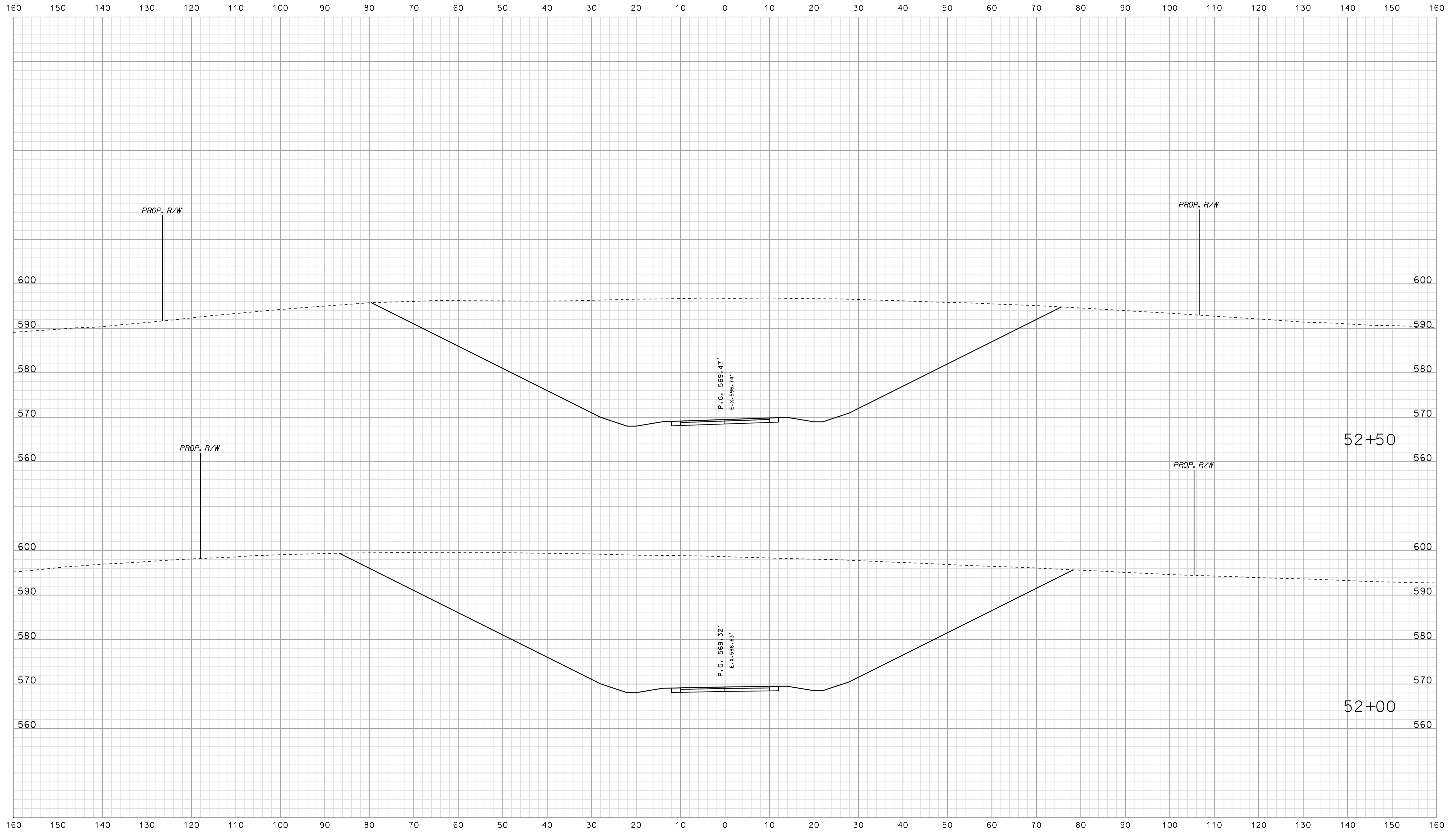


\*\*\*\*\*  
 09-42  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-CR 710 S"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-211	SHEET NO. 355 of 373
CONTRACT IR-33051	PROJECT 0500445	

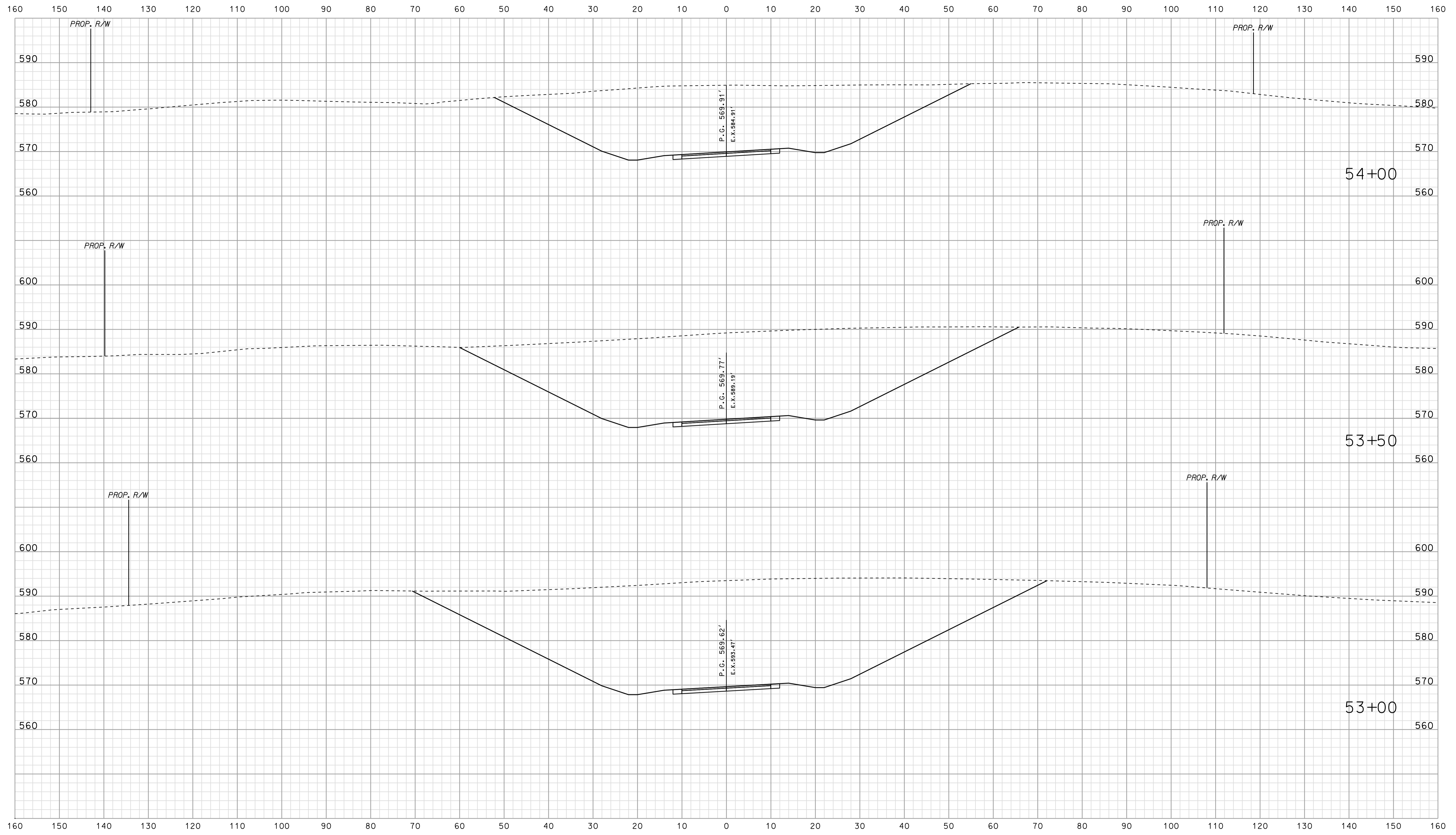


\*\*\*\*\*  
 09-42  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

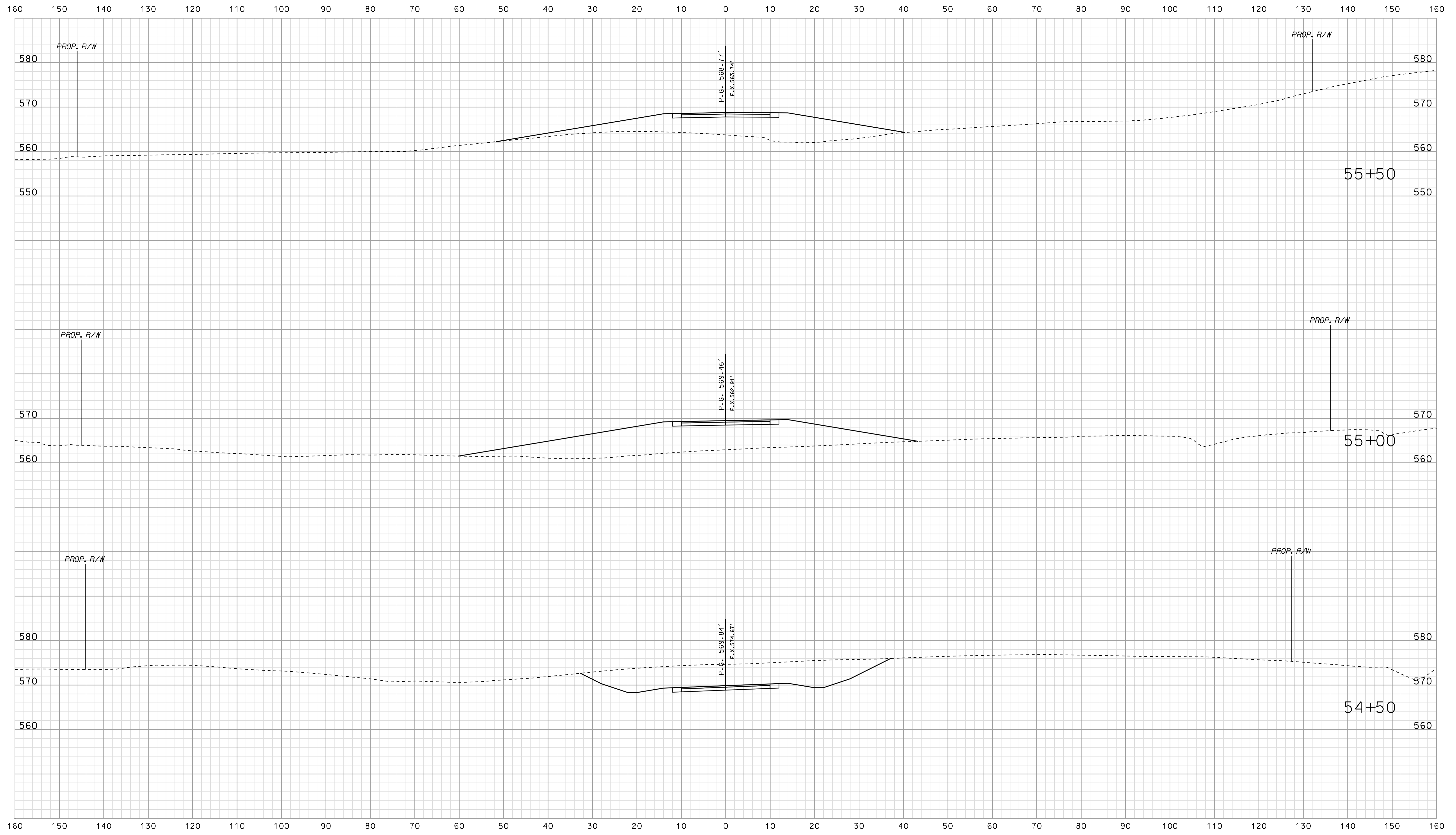
INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-CR 710 S"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-212	356 of 373
	PROJECT	0500445



\*\*\*\*\*09413\*\*\*\*\*  
 \*\*\*\*\*CONSISTENT SPECIFICATION\*\*\*\*\*  
 \*\*\*\*\*0\*\*\*\*\*

	RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION			HORIZONTAL SCALE 1" = 10'	BRIDGE FILE		
	DESIGNED: BJO	DRAWN: DH			ROADWAY CROSS SECTIONS LINE "PR-CR 710 S"			VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
	CHECKED: NDH	CHECKED: DMA						SURVEY BOOK IR-33051	DWG. NO. XS-213	SHEET NO. 357 of 373
								PROJECT 0500445		

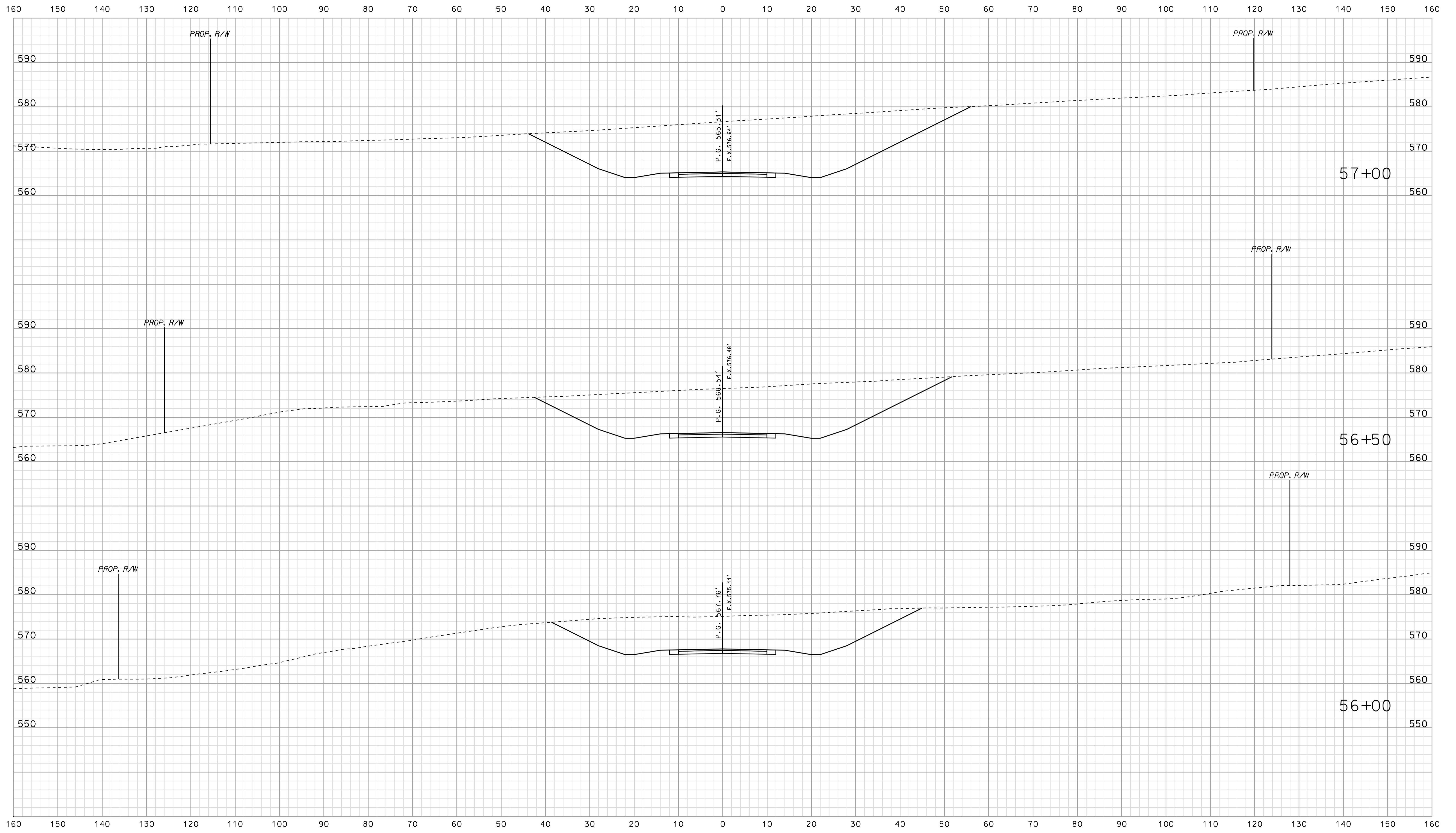


\*\*\*\*\*0943 \*\*\*\*\*  
 \*\*\*\*\*CONSTRUCTION\*\*\*\*\*  
 \*\*\*\*\*0 \*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 ROADWAY CROSS SECTIONS  
 LINE "PR-CR 710 S"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-214	358 of 373
	PROJECT	0500445

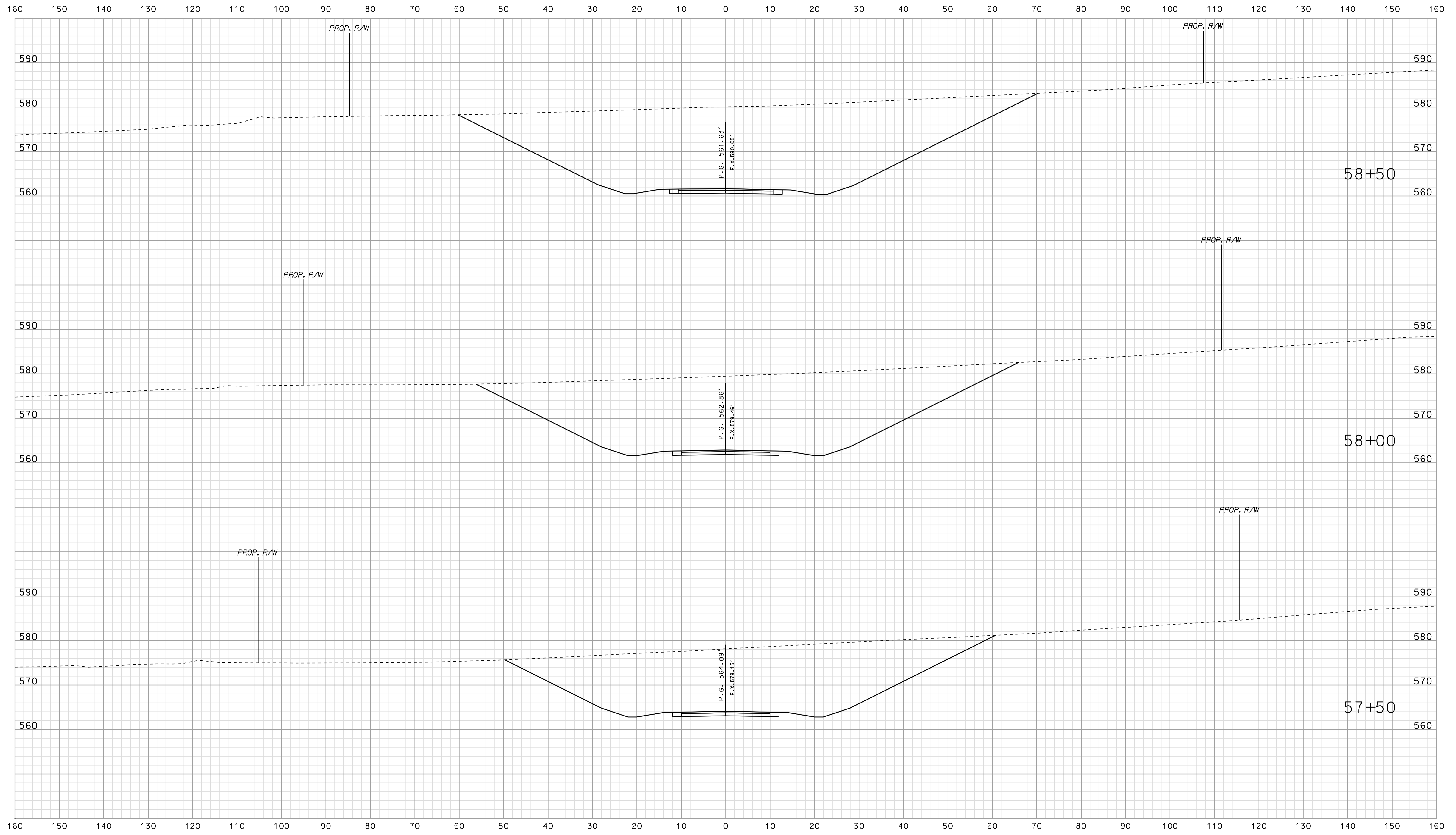


\*\*\*\*\*09413\*\*\*\*\*  
 \*\*\*\*\*CONSOLIDATION\*\*\*\*\*  
 \*\*\*\*\*0500445\*\*\*\*\*

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

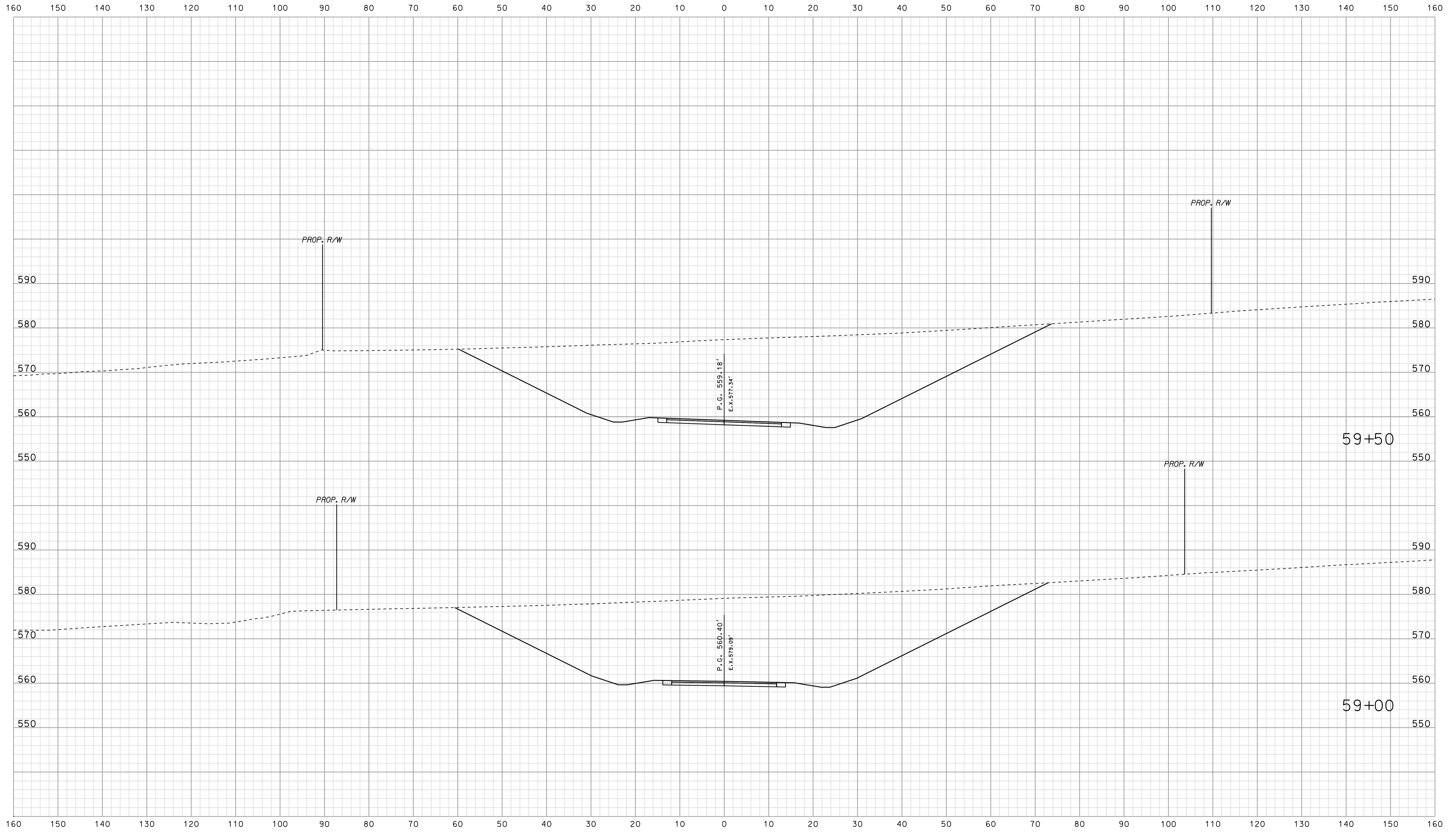
INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-CR 710 S"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-215	SHEET NO. 359 of 373
CONTRACT IR-33051	PROJECT 0500445	



\*\*\*\*\*  
 09-43  
 \*\*\*\*\*  
 CONSTRUCTION SPECIFICATION \*\*\*\*\*

	RECOMMENDED FOR APPROVAL _____	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 10'	BRIDGE FILE
	DESIGN ENGINEER _____ DATE _____		VERTICAL SCALE 1" = 10'	DESIGNATION 0500445
DESIGNED: BJO	DRAWN: DH	ROADWAY CROSS SECTIONS LINE "PR-CR 710 S"		SURVEY BOOK
CHECKED: NDH	CHECKED: DMA	CONTRACT IR-33051	DWG. NO. XS-216	SHEET NO. 360 of 373
			PROJECT	0500445

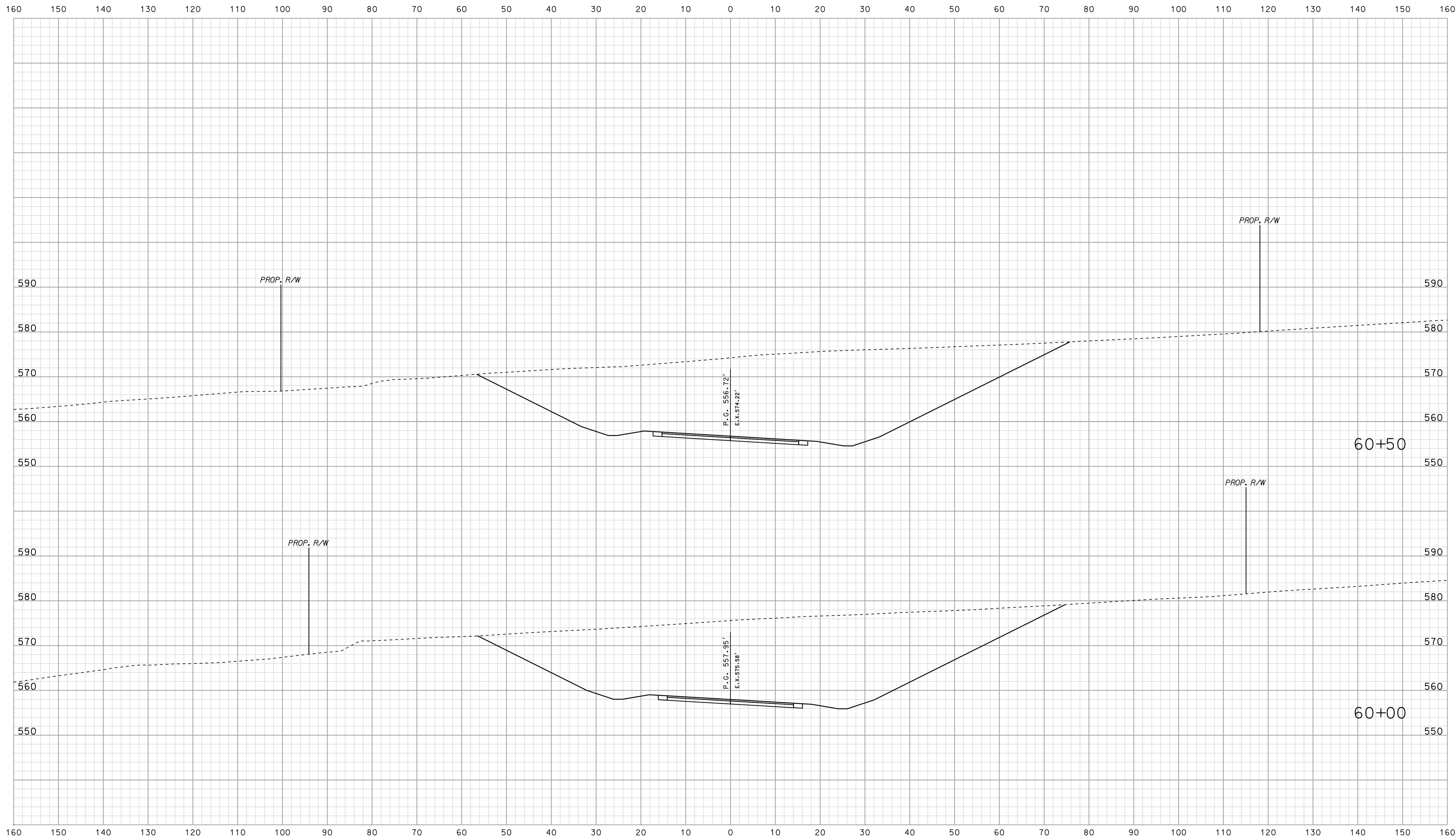


0943  
 \*\*\*\*\*SPECIFICATION\*\*\*\*\*

	RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION			HORIZONTAL SCALE	BRIDGE FILE	
	DESIGNED: BJO	DRAWN: DH	CHECKED: NDH	CHECKED: DMA	ROADWAY CROSS SECTIONS LINE "PR-CR 710 S"			1" = 10'	DESIGNATION
					CONTRACT IR-33051			1" = 10'	0500445
					SURVEY BOOK XS-217			DWG. NO.	SHEET NO.
					PROJECT 0500445			361 of 373	



Scale 1 inch = 10 feet

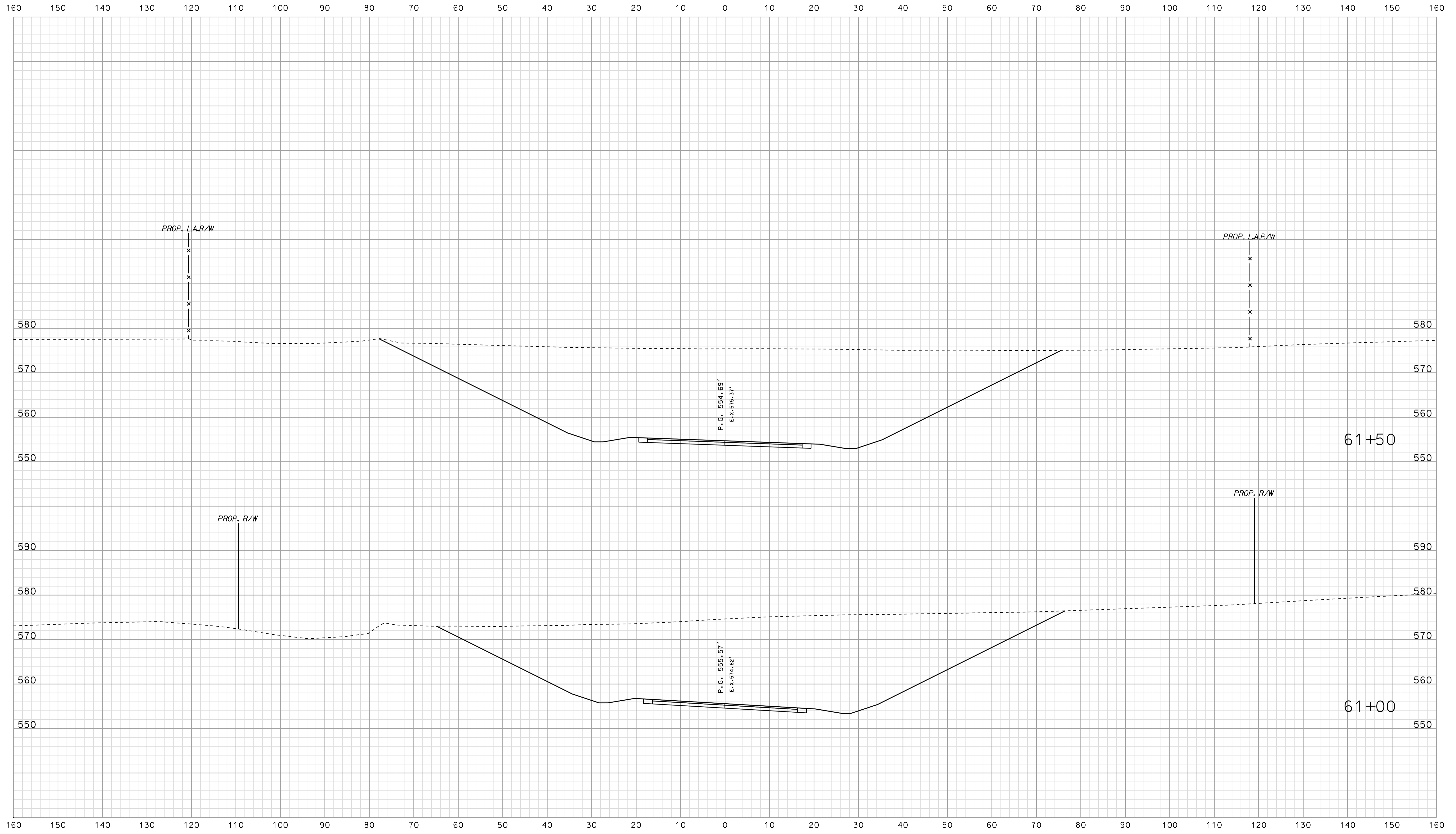


\*\*\*\*\*  
 09413  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH		
CHECKED: NDH	CHECKED: DMA		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 ROADWAY CROSS SECTIONS  
 LINE "PR-CR 710 S"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-218	362 of 373
	PROJECT 0500445	



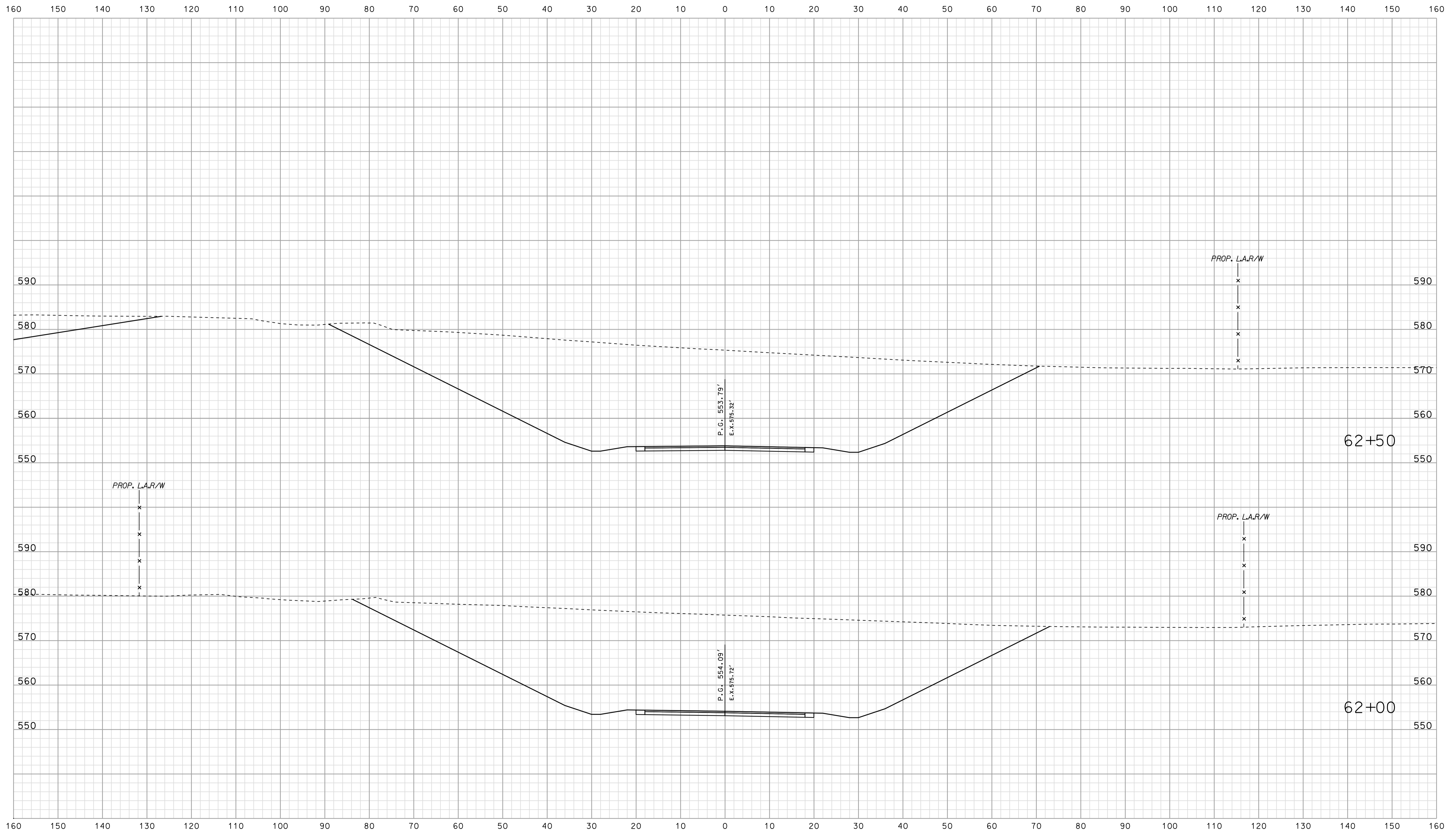
\*\*\*\*\*DISSEMINATION\*\*\*\*\*  
 09-13  
 \*\*\*\*\*DISSEMINATION\*\*\*\*\*

	RECOMMENDED FOR APPROVAL	
	DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH	
CHECKED: NDH	CHECKED: DMA	

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-CR 710 S"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-219	SHEET NO. 363 of 373
CONTRACT IR-33051	PROJECT 0500445	

Scale 1 inch = 10 feet



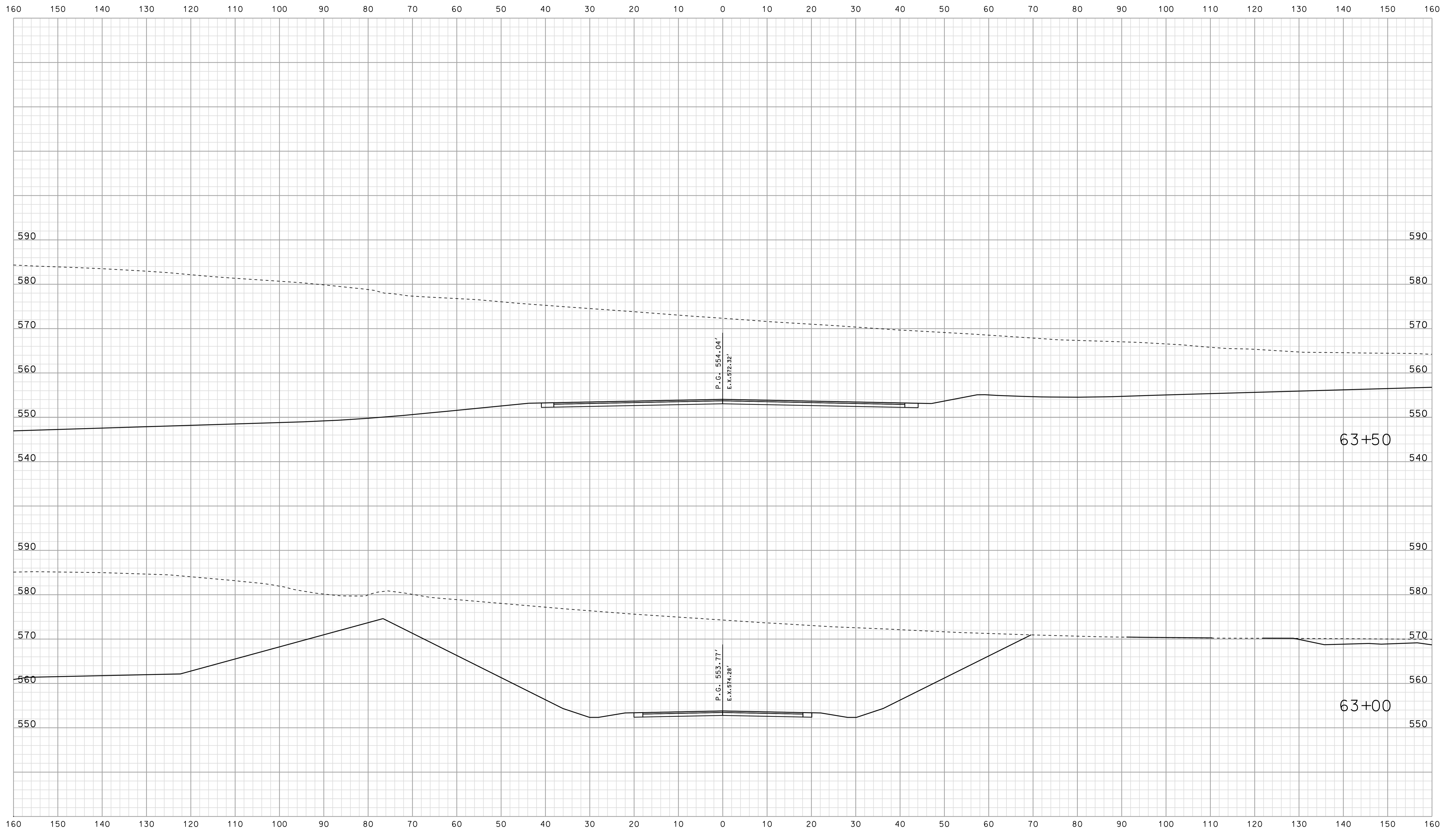
\*\*\*\*\*  
 09-44  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH		
CHECKED: NDH	CHECKED: DMA		

INDIANA  
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS  
LINE "PR-CR 710 S"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-220	364 of 373
	PROJECT	0500445

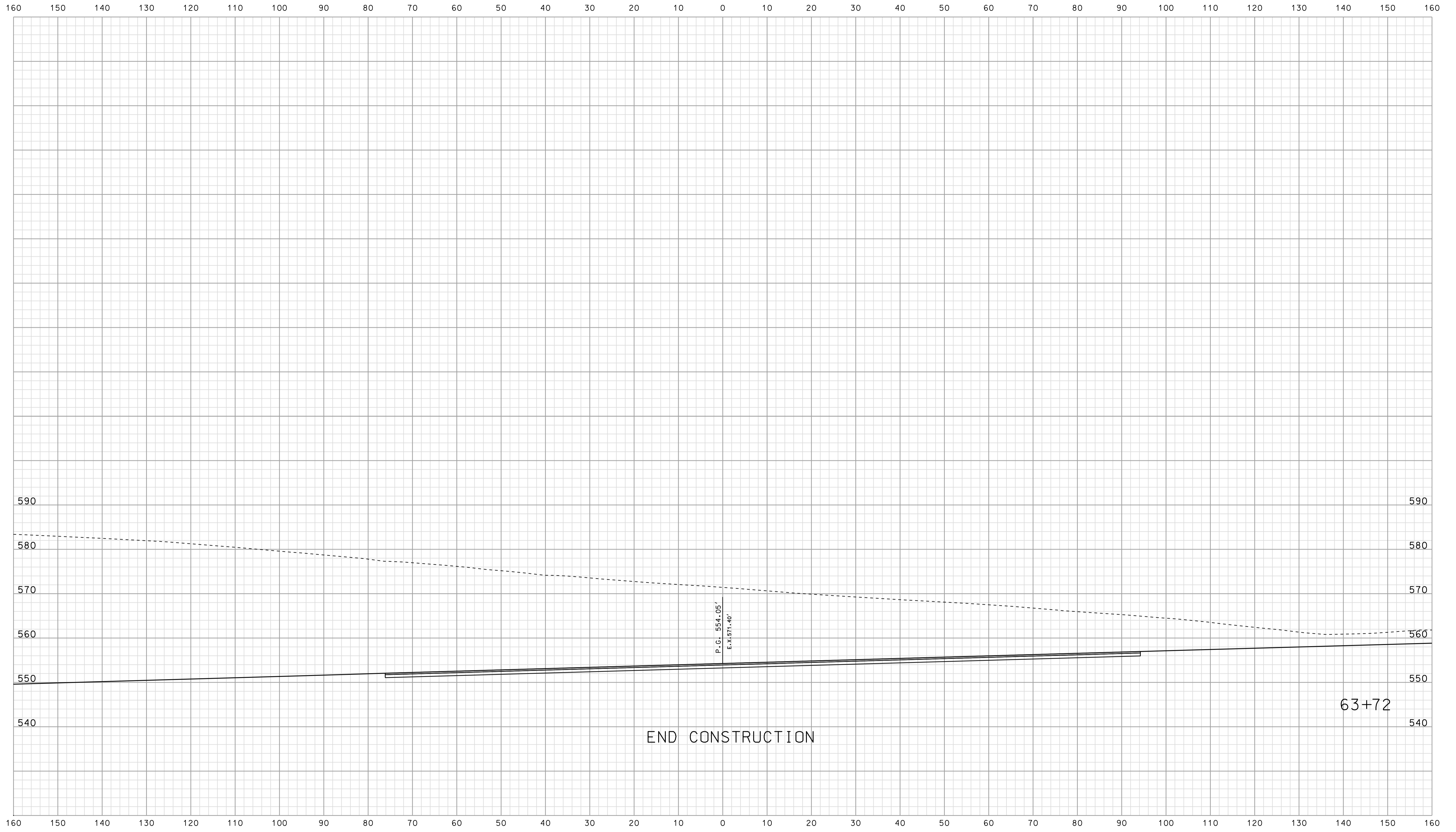


\*\*\*\*\*  
 09-44  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-CR 710 S"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-221	SHEET NO. 365 of 373
CONTRACT IR-33051	PROJECT 0500445	

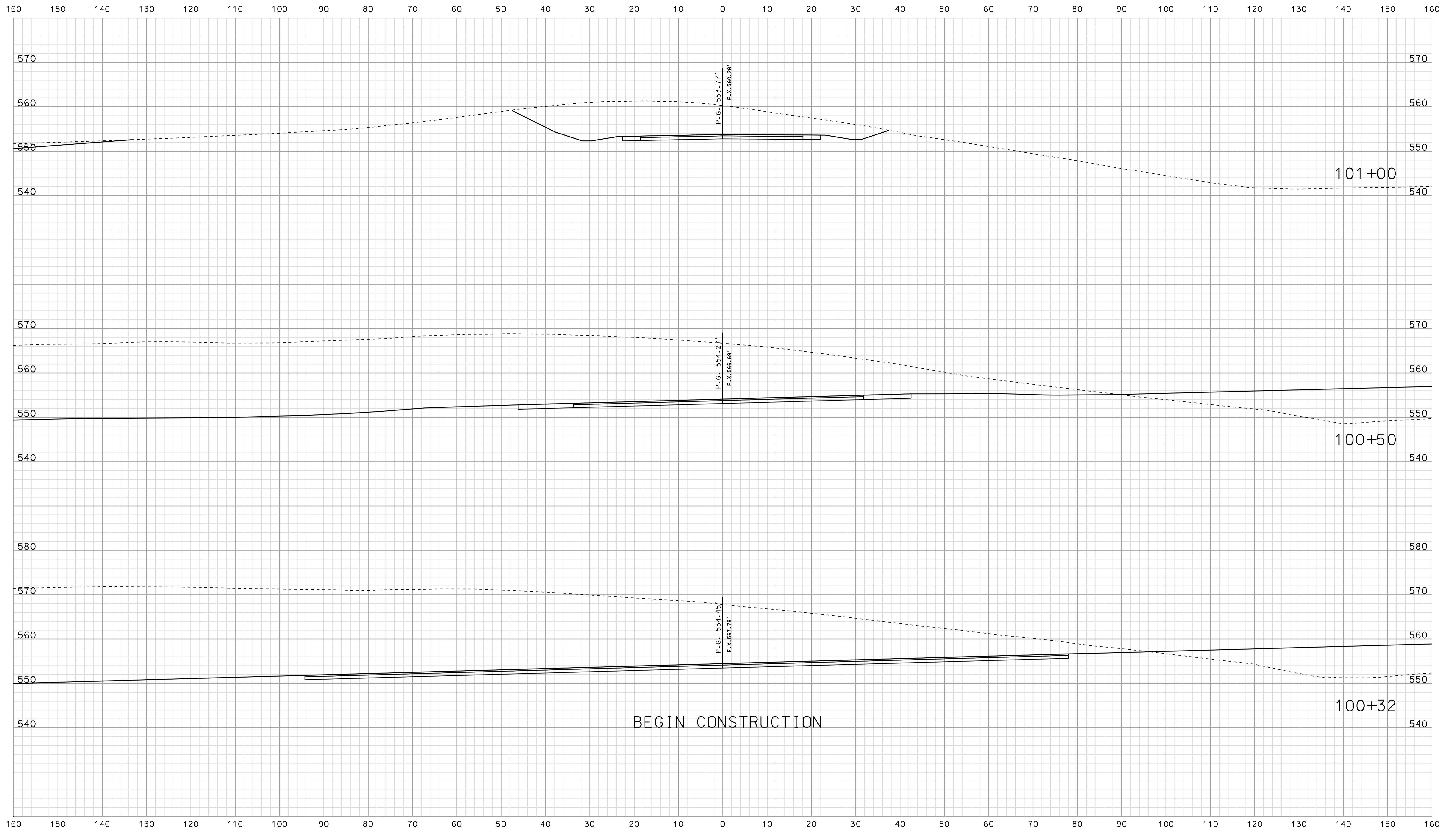


\*\*\*\*\*09-44  
 \*\*\*\*\*CONSTRUCTION\*\*\*\*\*

	RECOMMENDED FOR APPROVAL _____	
	DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH	
CHECKED: NDH	CHECKED: DMA	

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-CR 710 S"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-222	366 of 373
	PROJECT 0500445	

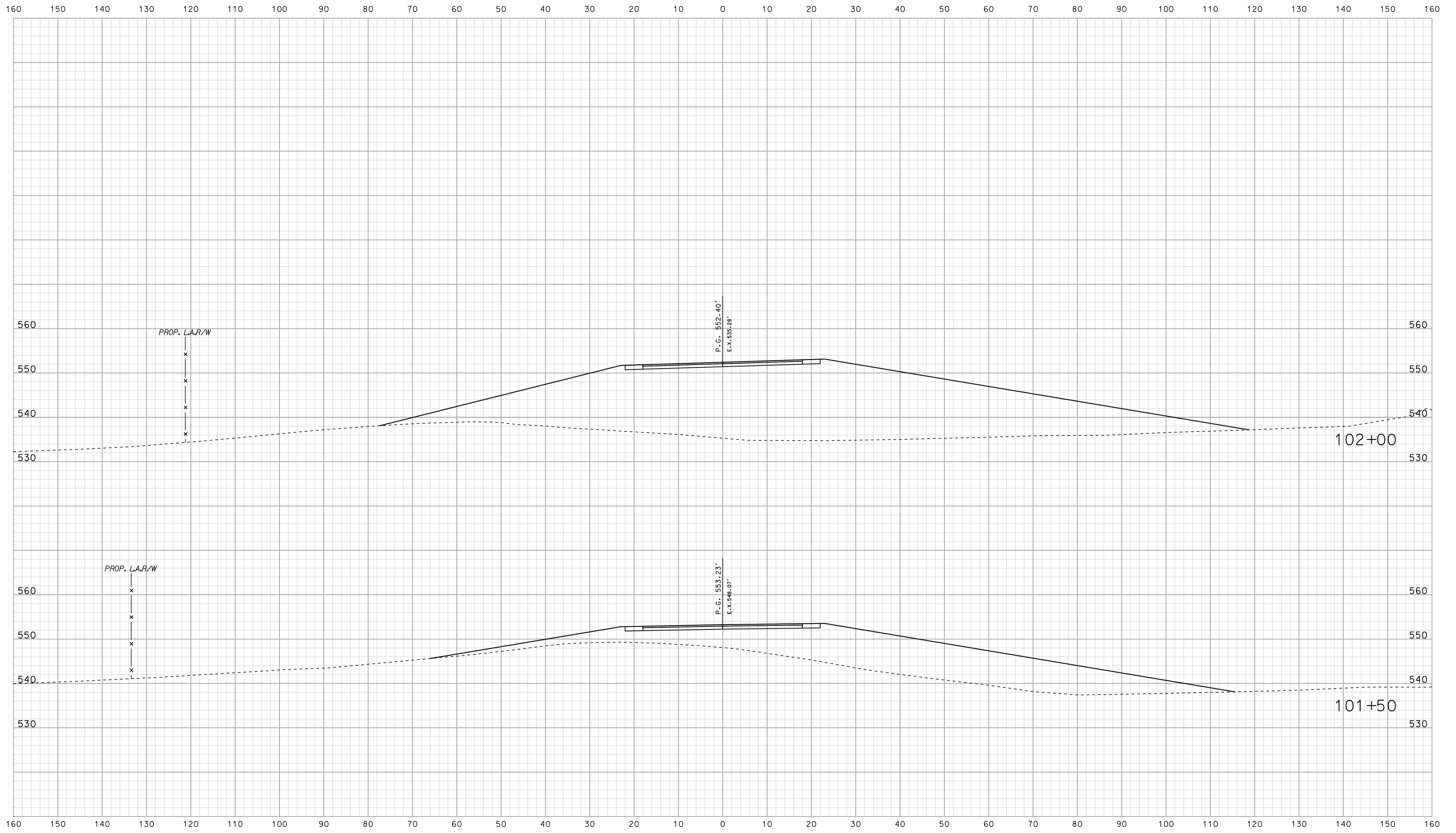


\*\*\*\*\*09-44  
 \*\*\*\*\*CONSTRUCTION\*\*\*\*\*

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
	DESIGNED: BJO	DRAWN: DH
CHECKED: NOH	CHECKED: DMA	

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 ROADWAY CROSS SECTIONS  
 LINE "PR-SR 45/58"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-223	367 of 373
	PROJECT	0500445

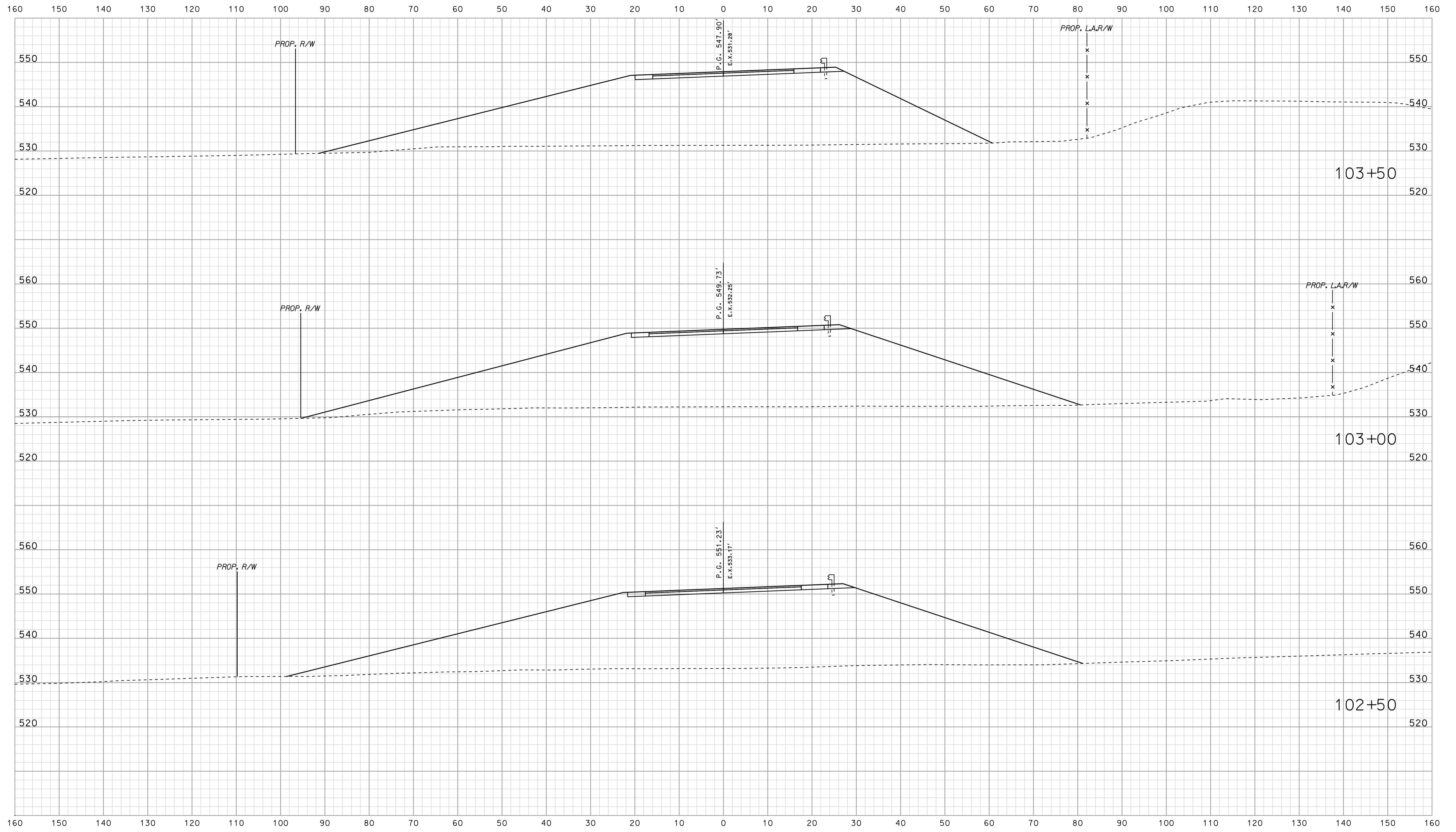


\*\*\*\*\*  
 09-44  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-SR 45/58"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	XS-224	368 of 373
CONTRACT	PROJECT	
	0500445	



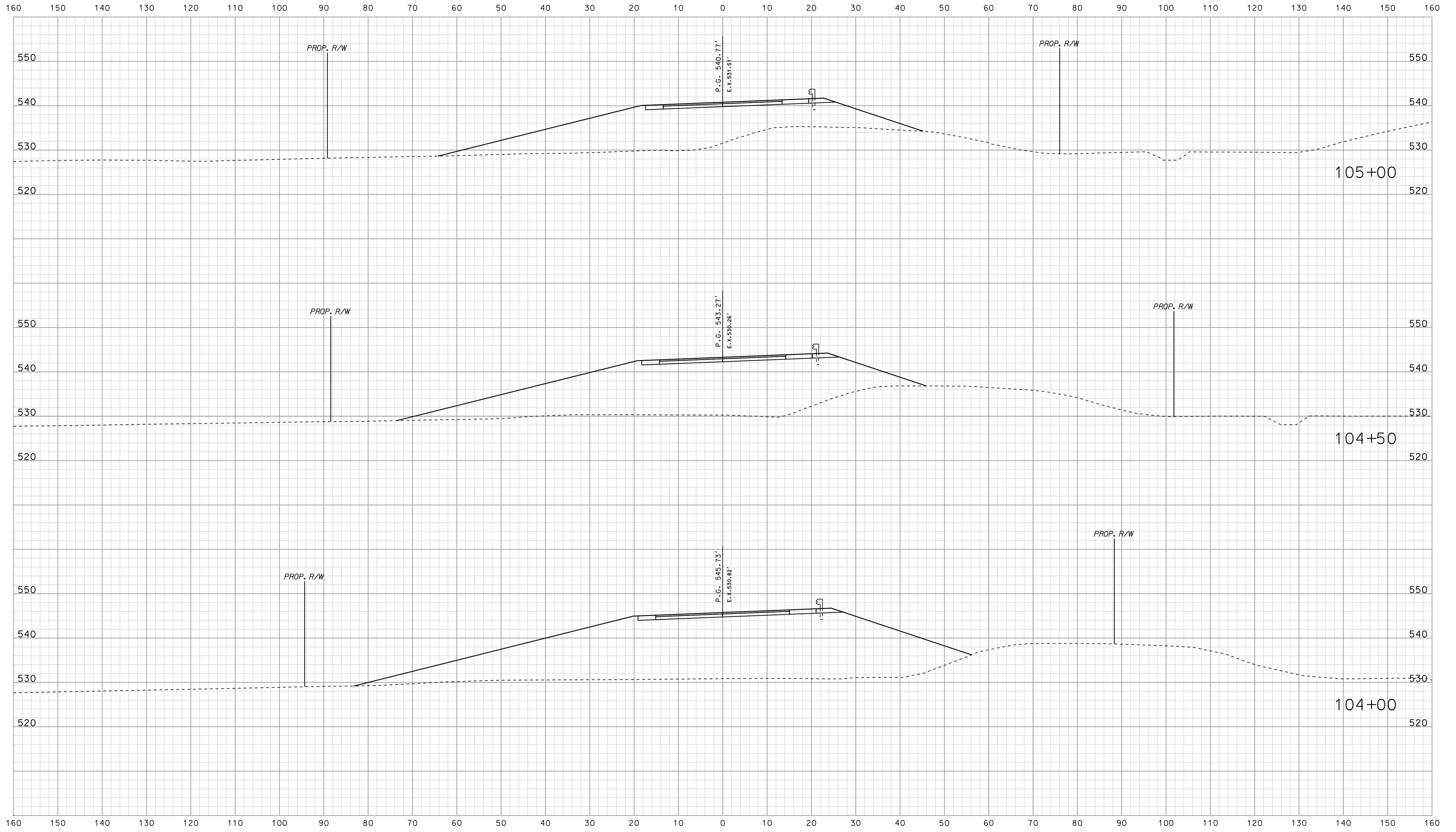
\*\*\*\*\*  
 09-44  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-SR 45/58"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-225	SHEET NO. 369 of 373
CONTRACT IR-33051	PROJECT 0500445	





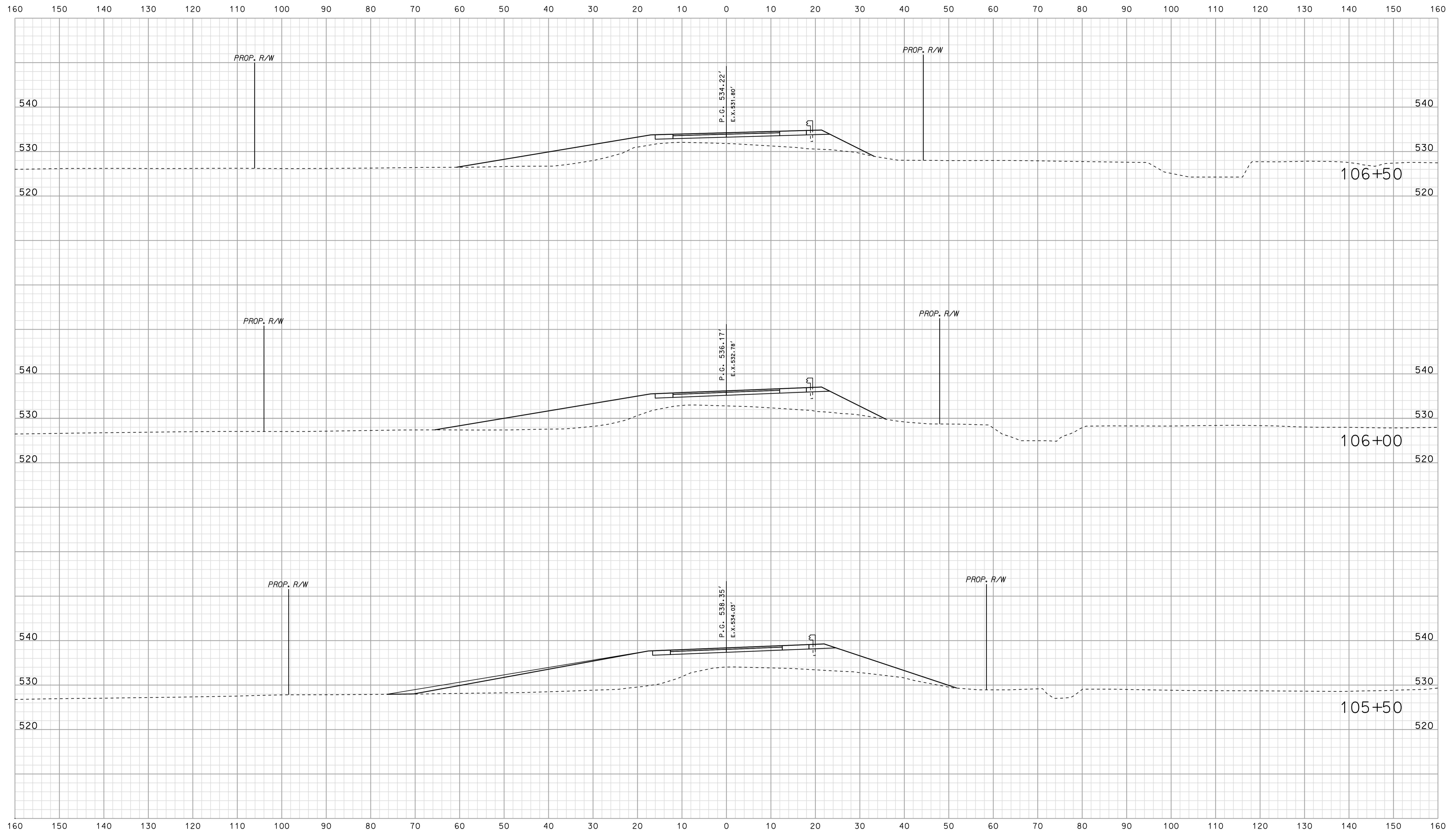
09-44  
 \*\*\*\*\*DISCONTINUOUS SPECIFICATION\*\*\*\*\*

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH	
CHECKED: NDH	CHECKED: DMA	

INDIANA  
 DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS  
 LINE "PR-SR 45/58"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445
SURVEY BOOK	DWG. NO. SHEET NO.
CONTRACT IR-33051	XS-226 370 of 373 PROJECT 0500445

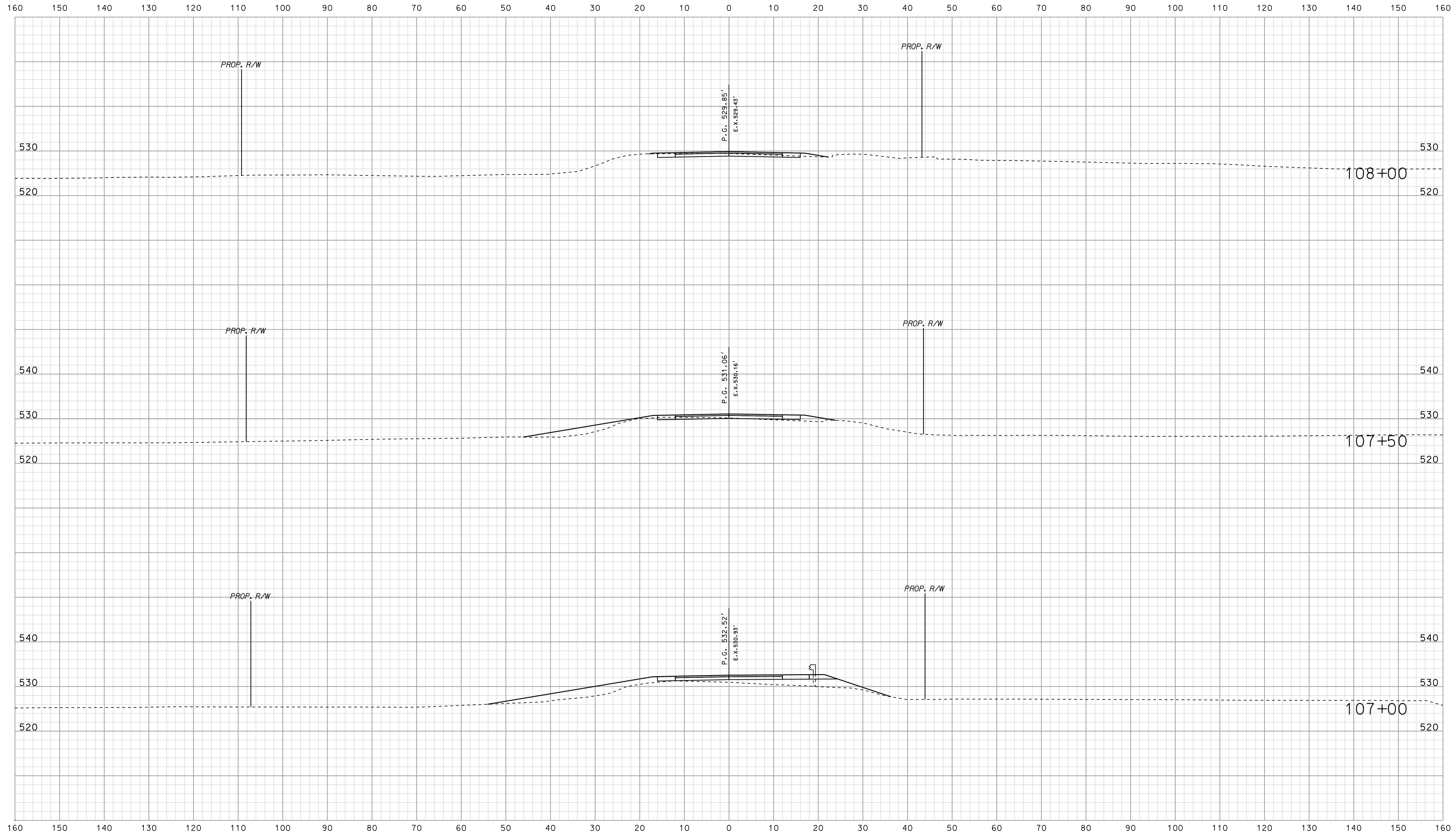


\*\*\*\*\*  
 09-44  
 \*\*\*\*\*  
 SPECIFICATION \*\*\*\*\*

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-SR 45/58"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-227	371 of 373
	PROJECT	0500445

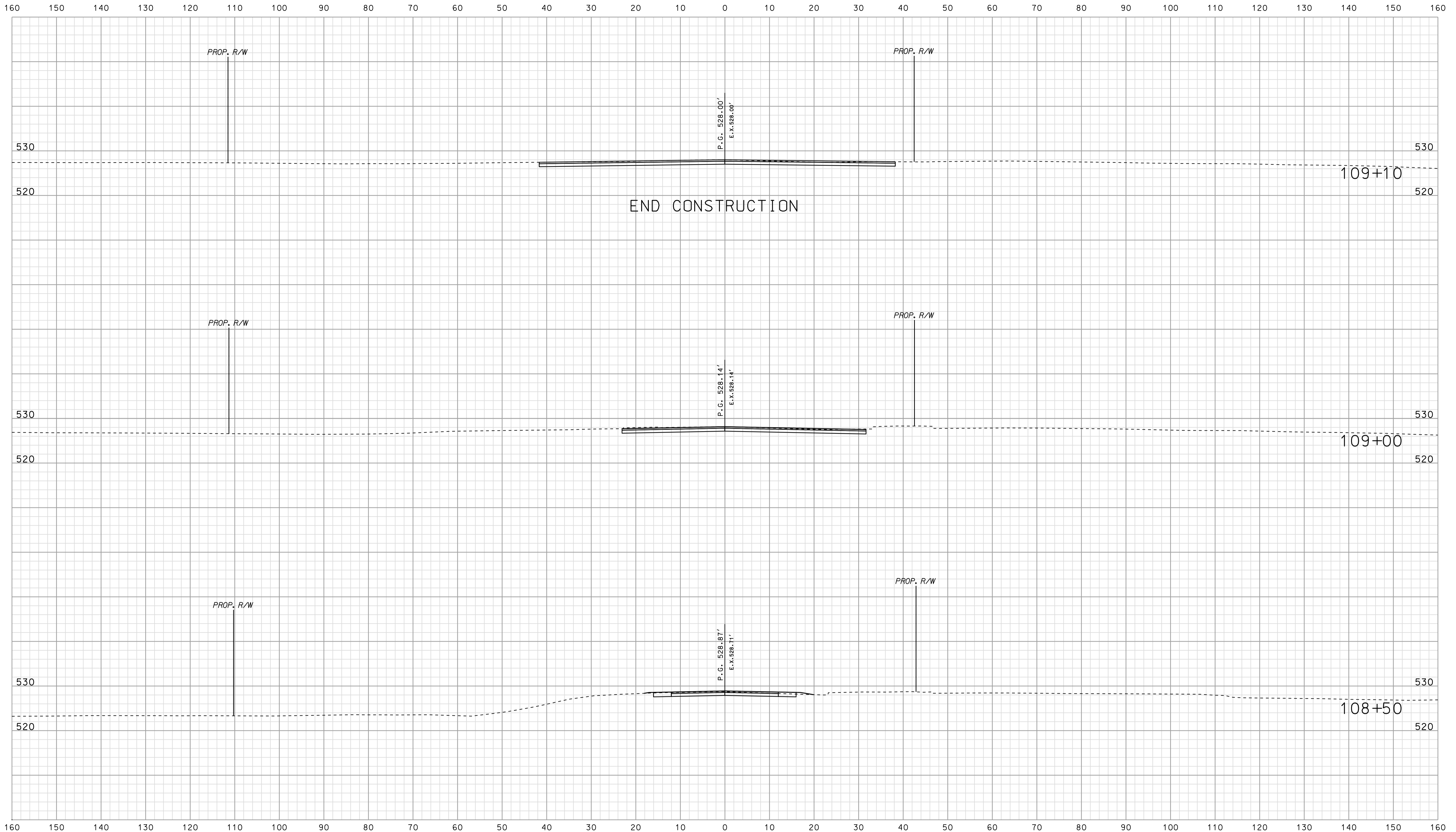


\*\*\*\*\*09445\*\*\*\*\*  
 \*\*\*\*\*CONSISTENT SPECIFICATION\*\*\*\*\*  
 \*\*\*\*\*0\*\*\*\*\*

	RECOMMENDED FOR APPROVAL _____	
	DESIGN ENGINEER _____	DATE _____
DESIGNED: BJO	DRAWN: DH	
CHECKED: NDH	CHECKED: DMA	

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
  
 ROADWAY CROSS SECTIONS  
 LINE "PR-SR 45/58"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-228	SHEET NO. 372 of 373
CONTRACT IR-33051	PROJECT 0500445	



END CONSTRUCTION

0945  
 \*\*\*\*\*SPECIFICATION\*\*\*\*\*

RECOMMENDED FOR APPROVAL \_\_\_\_\_  
 DESIGN ENGINEER DATE  
 DESIGNED: BJO DRAWN: DH  
 CHECKED: NDH CHECKED: DMA

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 ROADWAY CROSS SECTIONS  
 LINE "PR-SR 45/58"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0500445	
SURVEY BOOK	DWG. NO. XS-229	SHEET NO. 373 of 373
CONTRACT IR-33051	PROJECT 0500445	