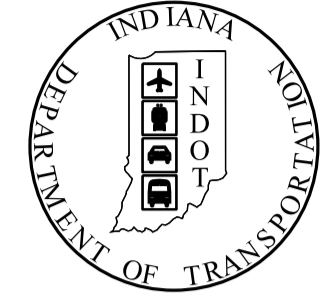


IR-33051 PART 1 OF 24

PROJECT	DESIGNATION
0902176	0902176
CONTRACT	BRIDGE FILE
IR-33051	N/A

DES. NO.	KIN DESIGNATION NUMBERS	DESCRIPTION
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	
0500445	CR 700 E TO US 231 ROAD 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	

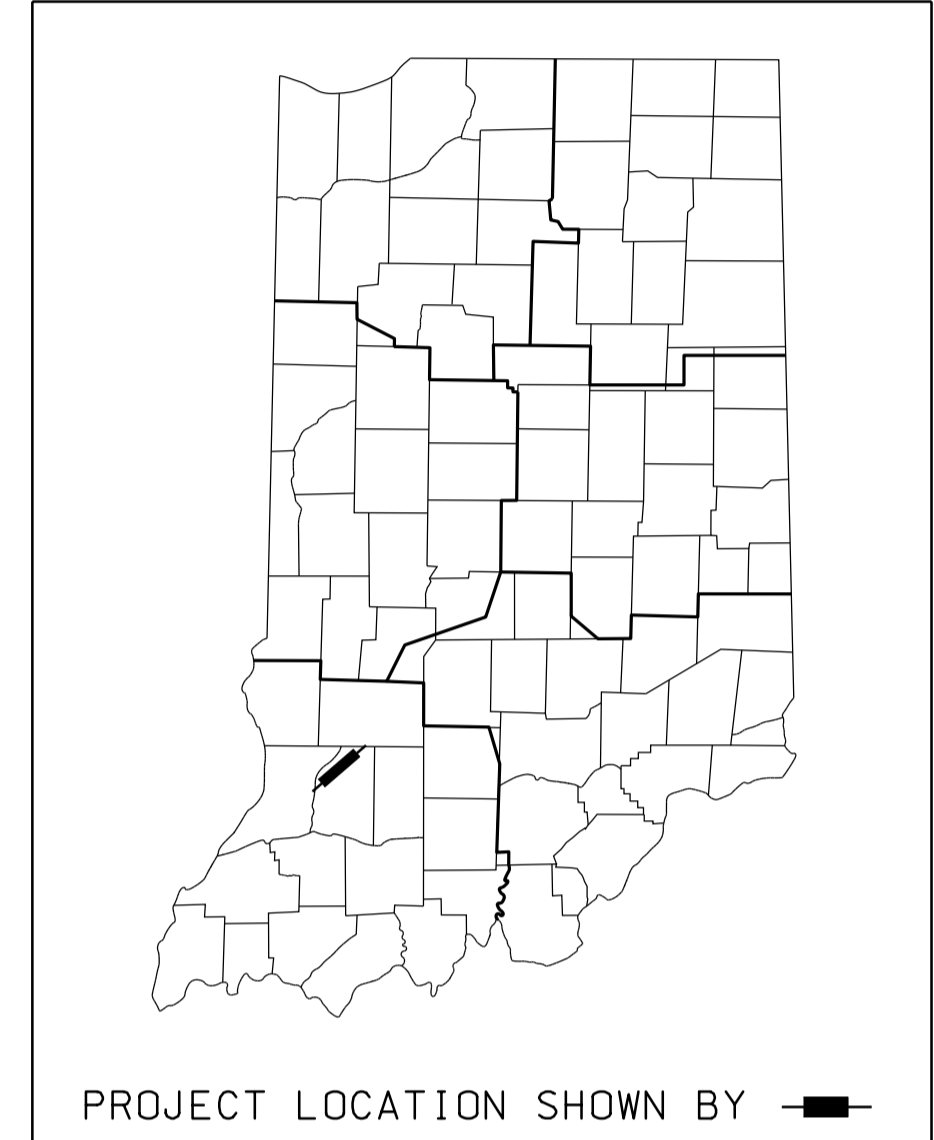
INDIANA DEPARTMENT OF TRANSPORTATION



ROAD PLANS

ROUTE: I-69 FROM: RP 76+94 TO: RP 80+76 PROJECT NO. 0902176 P.E., R/W, CONST.

I-69 FROM CR 1400N TO CR 700E, LOCATED IN SECTIONS 2, 3, 10, 15, & 22, TOWNSHIP 5 NORTH, RANGE 6 WEST, IN ELMORE TOWNSHIP, DAVIESS COUNTY, INDIANA



PROJECT DATA FOR 0902176, LINE "A"

GROSS LENGTH: 3.813 mi
NET LENGTH: 3.699 mi
MAXIMUM GRADE: 3.00%

PROJECT LATITUDE: 38°53'11.57" N
PROJECT LONGITUDE: 87°03'55.13" W

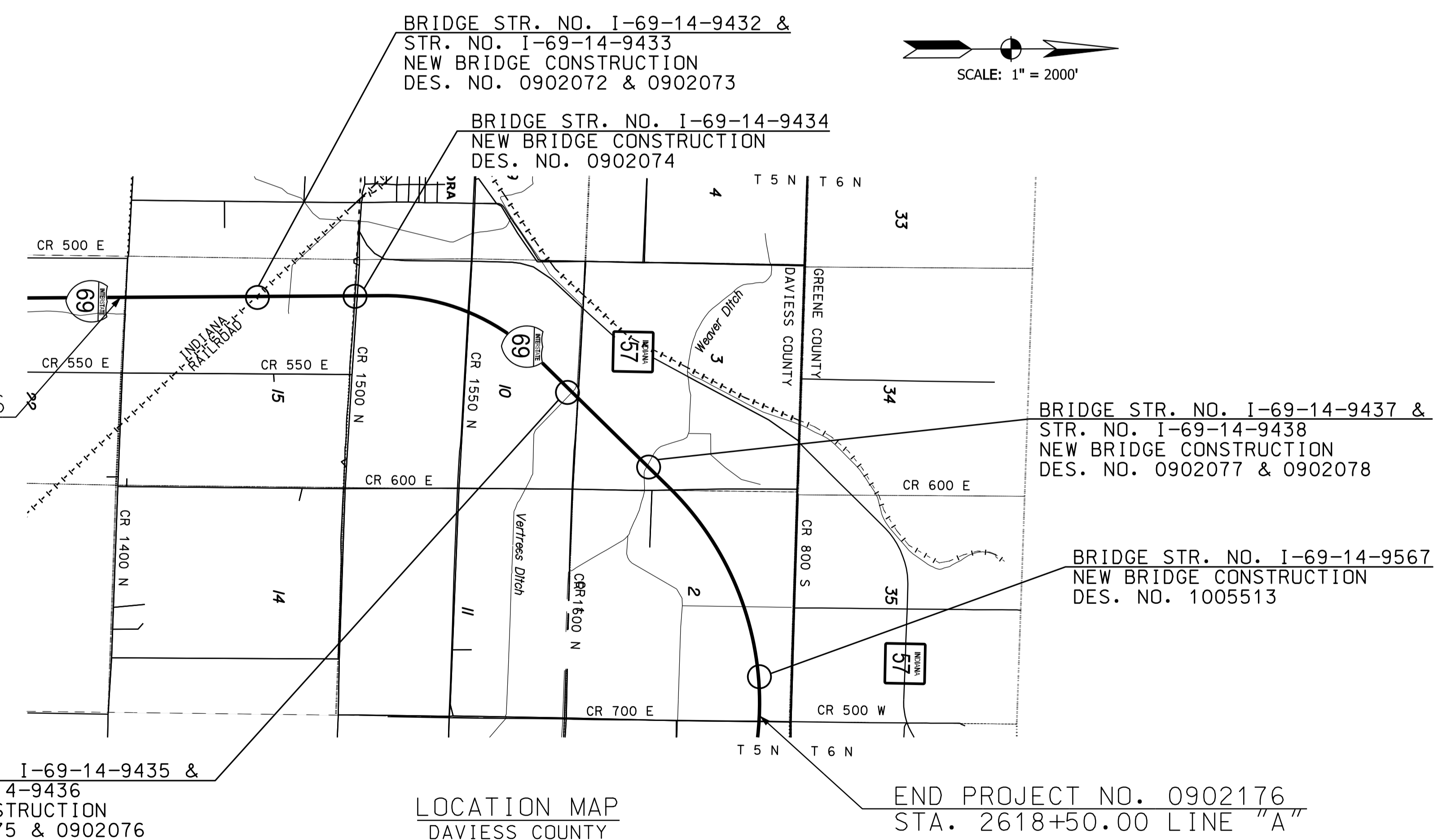
PARSONS

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

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



BEGIN PROJECT NO. 0902176
STA. 2417+20.00 LINE "A"

BRIDGE STR. NO. I-69-14-9435 &
STR. NO. I-69-14-9436
NEW BRIDGE CONSTRUCTION
DES. NO. 0902075 & 0902076

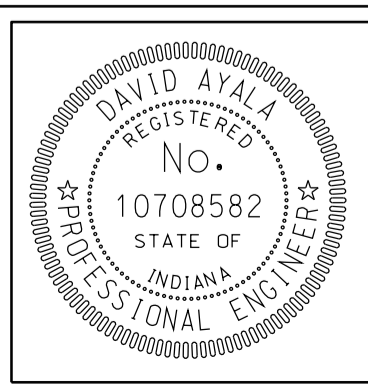
LOCATION MAP
DAVIESS COUNTY

END PROJECT NO. 0902176
STA. 2618+50.00 LINE "A"

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.

FEDERAL HIGHWAY ADMINISTRATION U.S. DEPT. OF TRANSPORTATION APPROVED: _____ DATE _____ DIVISION ADMINISTRATOR	PLANS PREPARED BY: PARSONS 317-616-1000 PHONE NUMBER CERTIFIED BY: <i>[Signature]</i> 5-5-10 DATE APPROVED FOR LETTING: _____ CHIEF, DIVISION OF DESIGN DATE _____
--	--

BRIDGE FILE N/A	DESIGNATION 0902176
DWG. NO. TI-01	SHEET NO. 1 of 150
CONTRACT IR-33051	PROJECT 0902176



REVISED 2010
IP-PW-SP-0245-SEG1/001.dgn
09/16

UTILITIES

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

DUKE ENERGY
ENGINEERING CONTACT
TIM EMMEL
800 WHEATLAND RD
VINCENNES, IN 47591
812-886-3276

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
3-4	TYPICAL SECTIONS
5-6	PLAT 1 SHEETS
7	GEOMETRIC TIE-IN SHEET
8-33	PLAN AND PROFILE SHEETS - LINE "A"
34-37	PLAN AND PROFILE SHEETS - LINE "CR 1500 N"
38-39	PLAN AND PROFILE SHEETS - ACCESS ROAD 17
40-41	SUPERELEVATION DETAILS - LINE "A"
42	SUPERELEVATION DETAILS - LINE "CR 1500 N"
43-52	CULVERT DETAILS
53	MISCELLANEOUS DETAILS
54	PAVEMENT MARKING DETAILS
55-125	ROADWAY CROSS SECTIONS - LINE "A"
126-143	ROADWAY CROSS SECTIONS - LINE "PR-CR 1500 N"
144-150	ROADWAY CROSS SECTIONS - LINE "PR-AR 17"

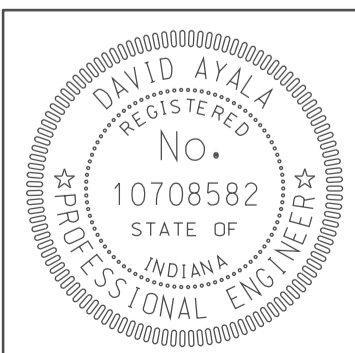
"HOLEY MOLEY"
SEZ?


 DON'T DIG BLIND
 CALL TWO WORKING DAYS BEFORE YOU DIG
 1-800-382-5544
 CALL TOLL FREE
 1-800-428-5200
 FOR CALLS OUTSIDE OF INDIANA

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
CR 1500 N	550	575	620	44	64/36	8%	6%	3R (NON-FREEWAY)	COLLECTOR	RURAL	LEVEL	NONE	35 MPH
AR 17	<400	<400	<400	<40	50/50	8%	8%	3R (NON-FREEWAY)	LOCAL ROAD	RURAL	LEVEL	NONE	30 MPH

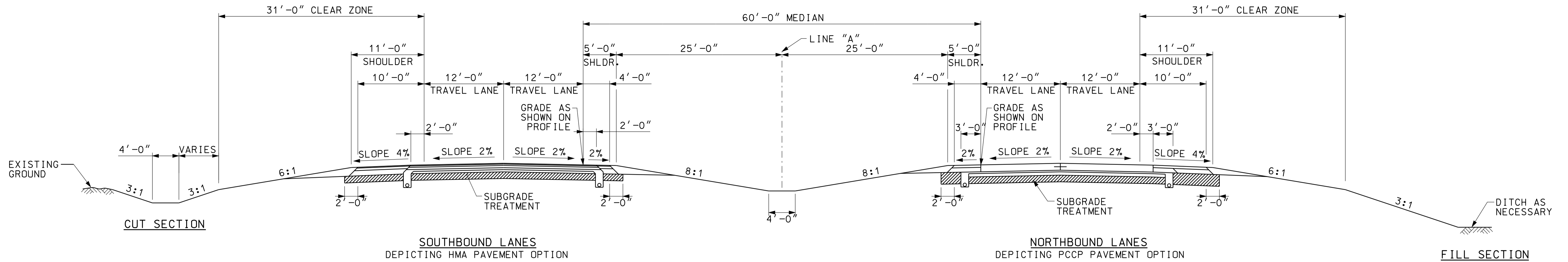
09/17
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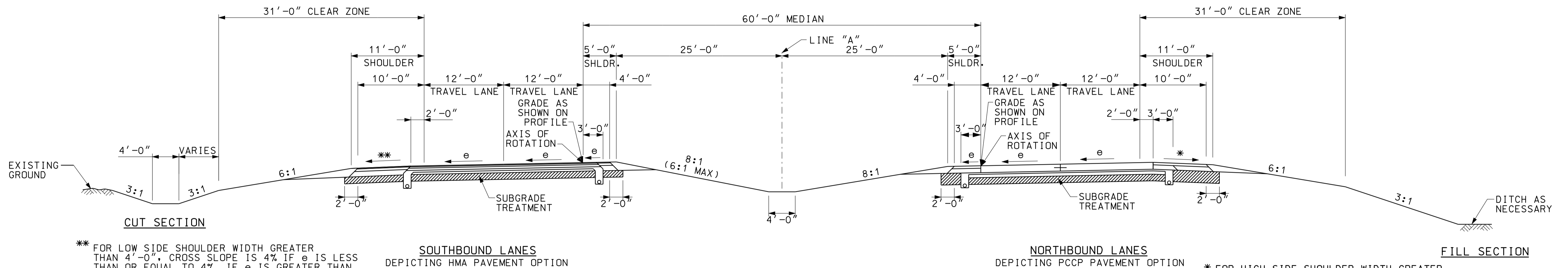
RECOMMENDED FOR APPROVAL *(Signature)* 5/5/10
 DESIGN ENGINEER DATE
 DESIGNED: NOH DRAWN: DH
 CHECKED: DMA CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION
 INDEX SHEET

HORIZONTAL SCALE	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO. 1X-01	SHEET NO. 2 of 150
CONTRACT IR-33051	PROJECT 0902176	



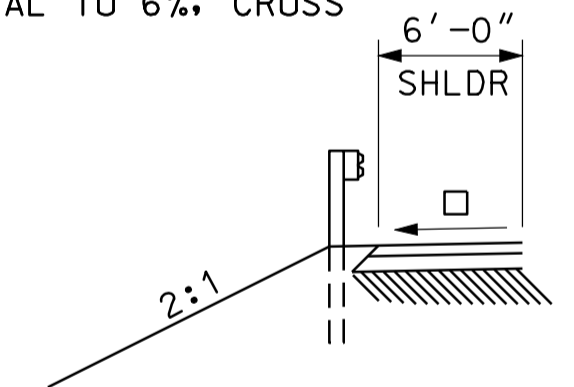
TYPICAL TANGENT SECTION - I-69
 STA. 2417+20.00 "A" TO STA. 2475+36.00 "A"
 STA. 2519+46.00 "A" TO STA. 2558+14.00 "A"



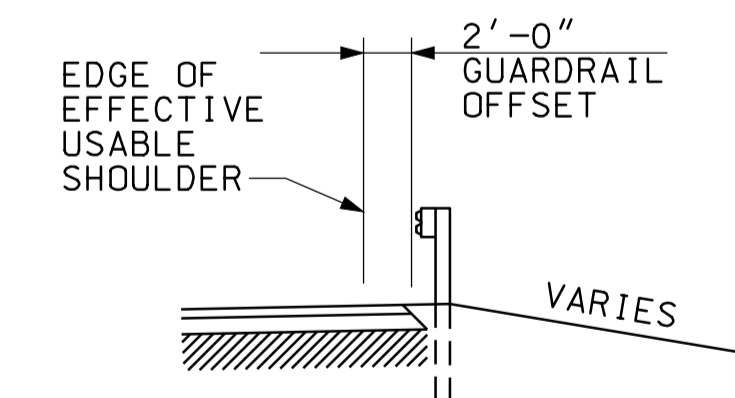
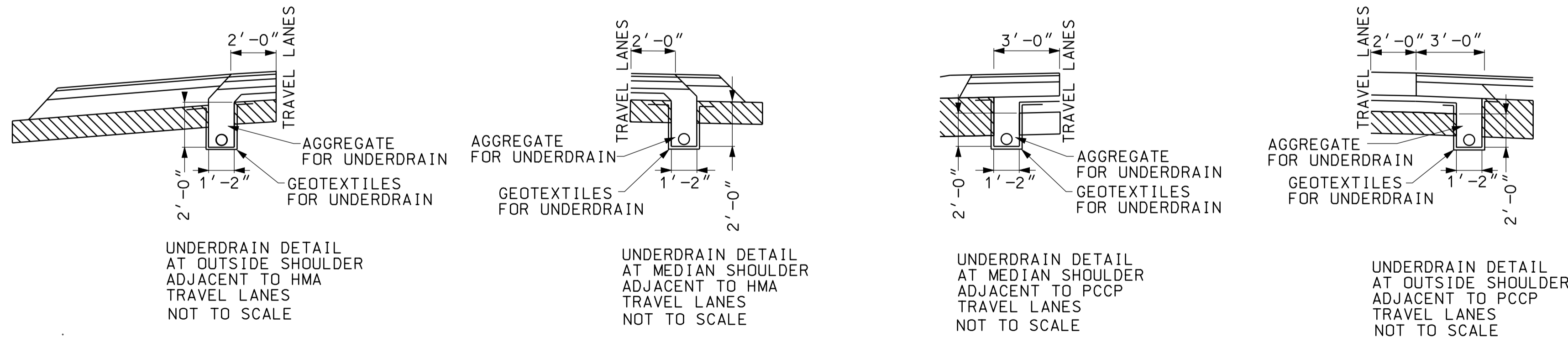
TYPICAL SUPERLEVATED SECTION - I-69
 STA. 2475+36.00 "A" TO STA. 2519+46.00 "A" (R=5000', e=4.2%)
 STA. 2558+14.00 "A" TO STA. 2618+50.00 "A" (R=7000', e=3.0%)
 REVERSE FOR CURVE RIGHT

** 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

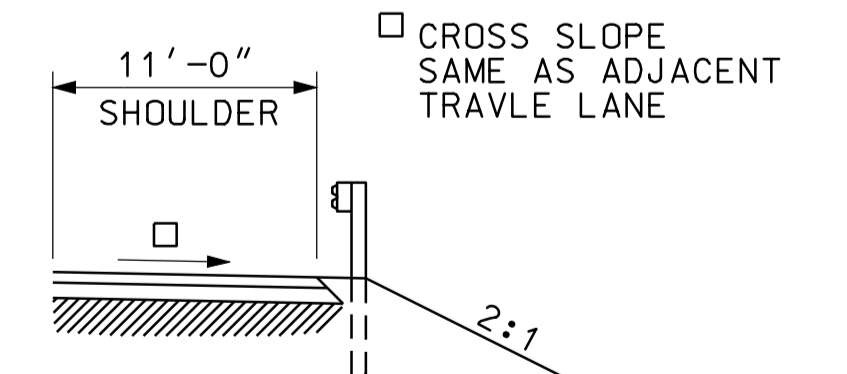
* FOR HIGH SIDE SHOULDER WIDTH GREATER THAN 4'-0", CROSS SLOPE IS 4% IF e IS LESS THAN OR EQUAL TO 4%. IF e IS GREATER THAN 4% BUT LESS THAN OR EQUAL TO 6%, CROSS SLOPE IS 2%



I-69 TYPICAL SHOULDER SECTION AT BRIDGE APPROACH LT.

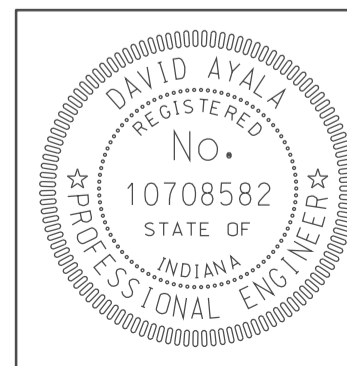


I-69 TYPICAL SHOULDER SECTION W/GUARDRAIL



I-69 TYPICAL SHOULDER SECTION AT BRIDGE APPROACH RT.

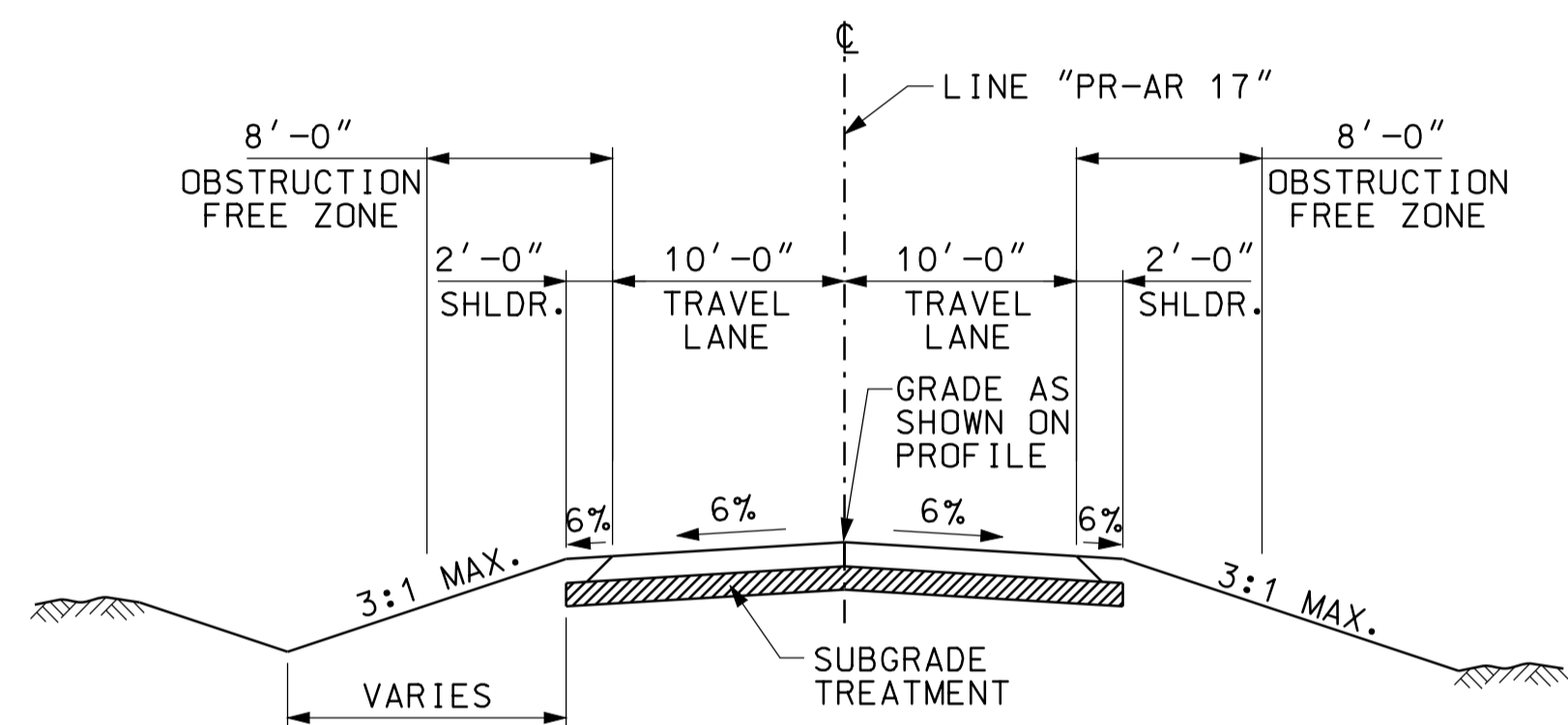
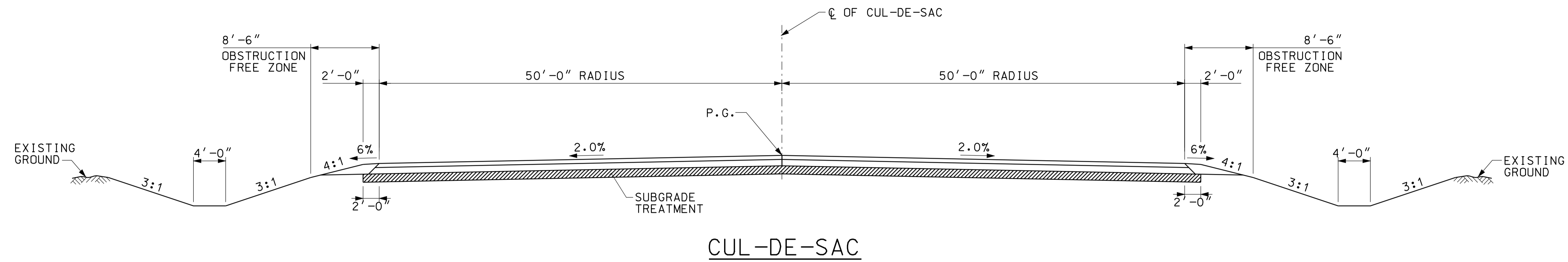
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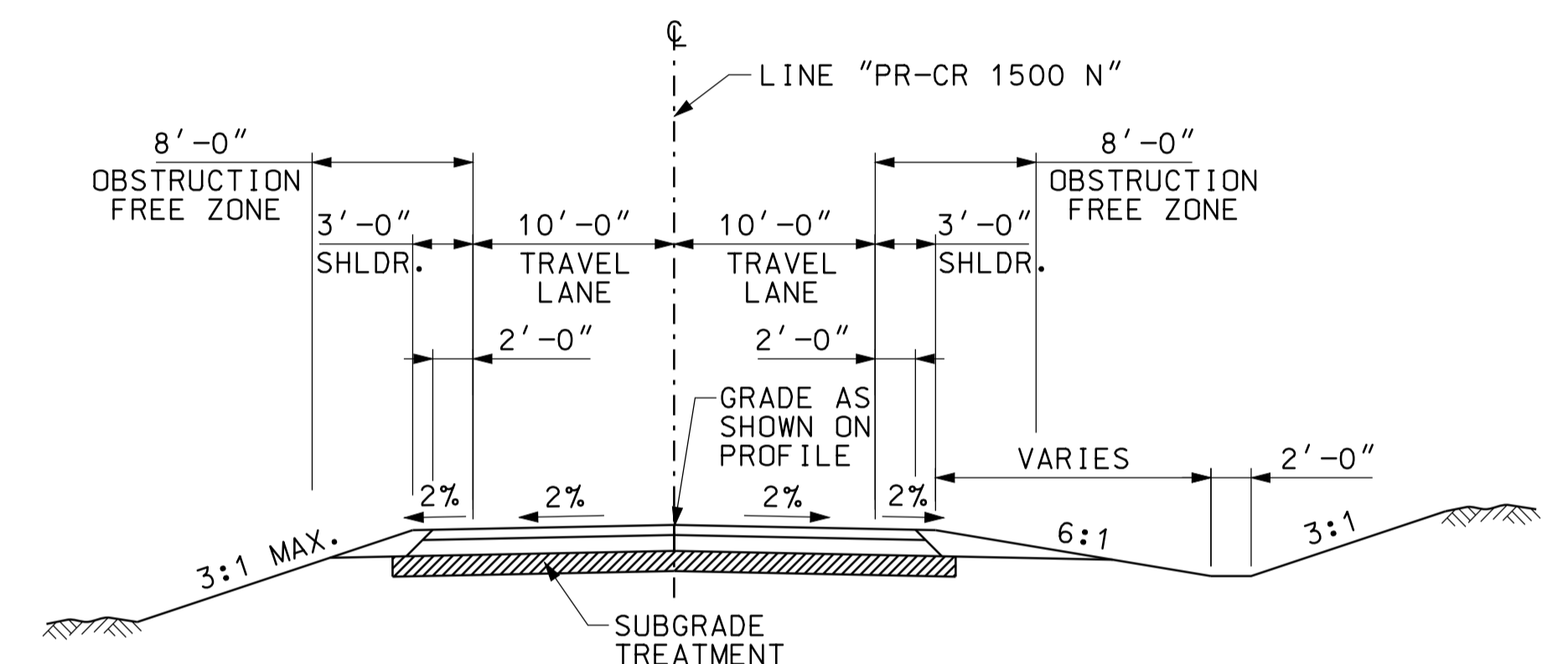
RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
DESIGNED:	TAH	DRAWN: DH
CHECKED:	NOH	CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION	
TYPICAL SECTIONS I-69	

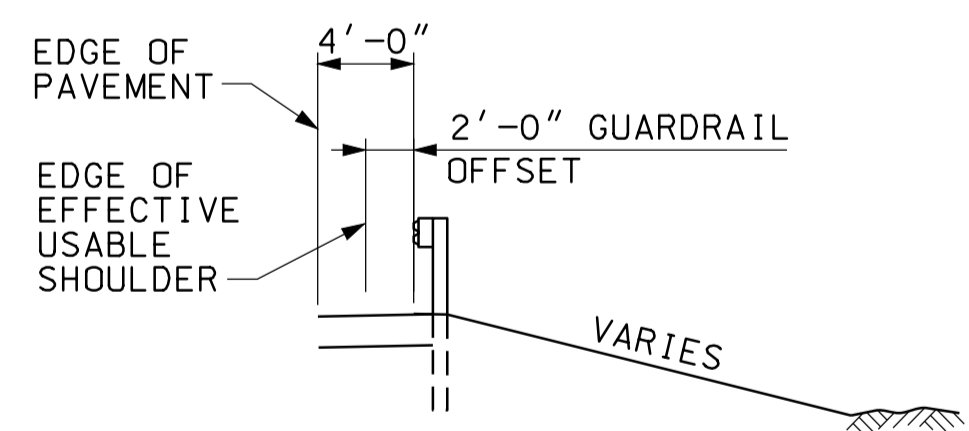
HORIZONTAL SCALE	BRIDGE FILE	
1/8" = 1'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	TS-01	3 of 150
CONTRACT	PROJECT	
IR-33051	0902176	



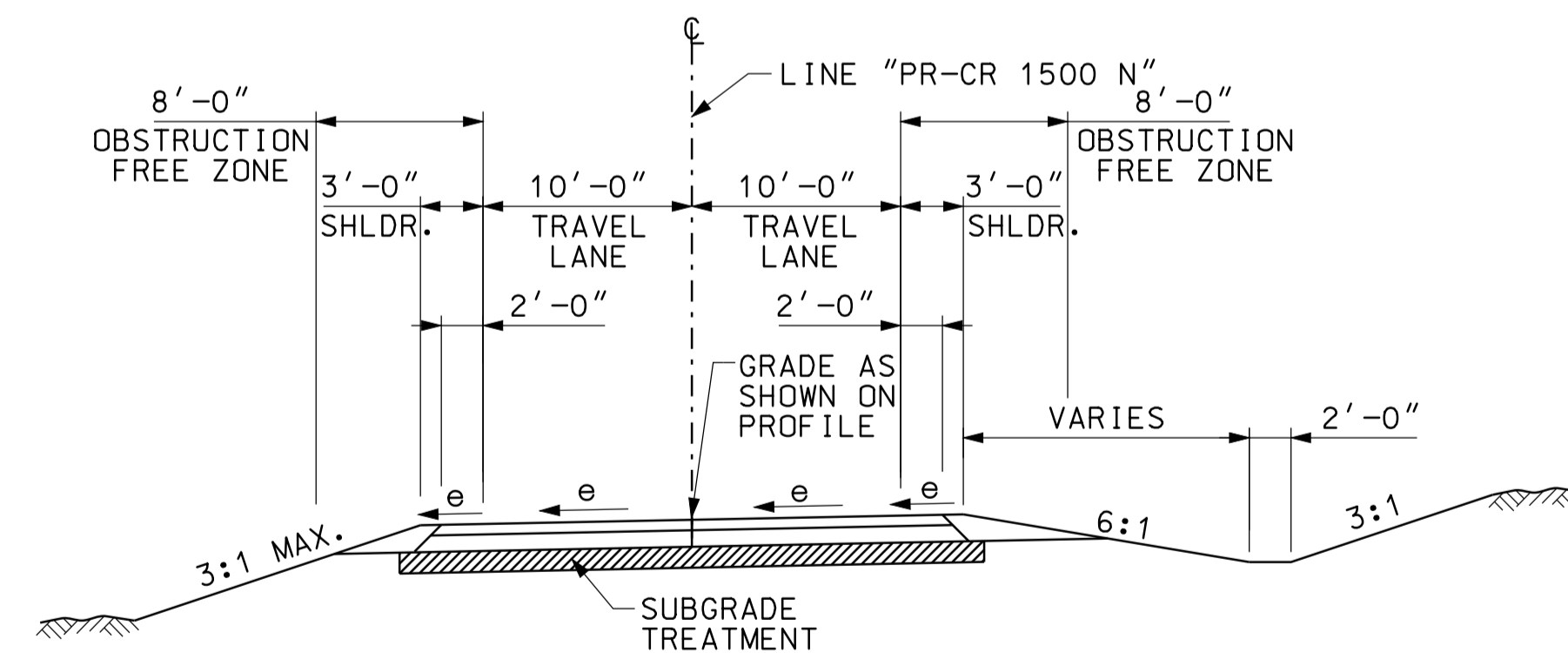
TYPICAL SECTION - AR 17 (AGGREGATE PAVEMENT)
 STA. 47+75.00 "PR-AR 17" TO STA. 56+21.01 "PR-AR 17"



TYPICAL TANGENT SECTION - CR 1500 N (HMA PAVEMENT)
 STA. 1487+08.86 "PR-CR 1500 N" TO STA. 1488+49.00 "PR-CR 1500 N"
 STA. 1493+38.00 "PR-CR 1500 N" TO STA. 1509+36.25 "PR-CR 1500 N"

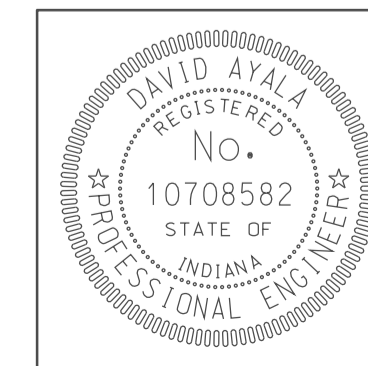


S-LINE TYPICAL SECTION W/GUARDRAIL



TYPICAL SUPERELEVATED SECTION - CR 1500 N (HMA PAVEMENT)
 STA. 1488+49.00 "PR-CR 1500 N" TO STA. 1493+38.00 "PR-CR 1500 N" (R=375', e=4.0%)

10/10/2010 09:47
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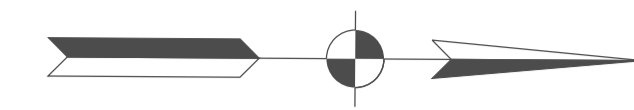


RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
	DESIGN ENGINEER	DATE
DESIGNED: TAH	DRAWN: DH	
CHECKED: NOH	CHECKED: DMA	

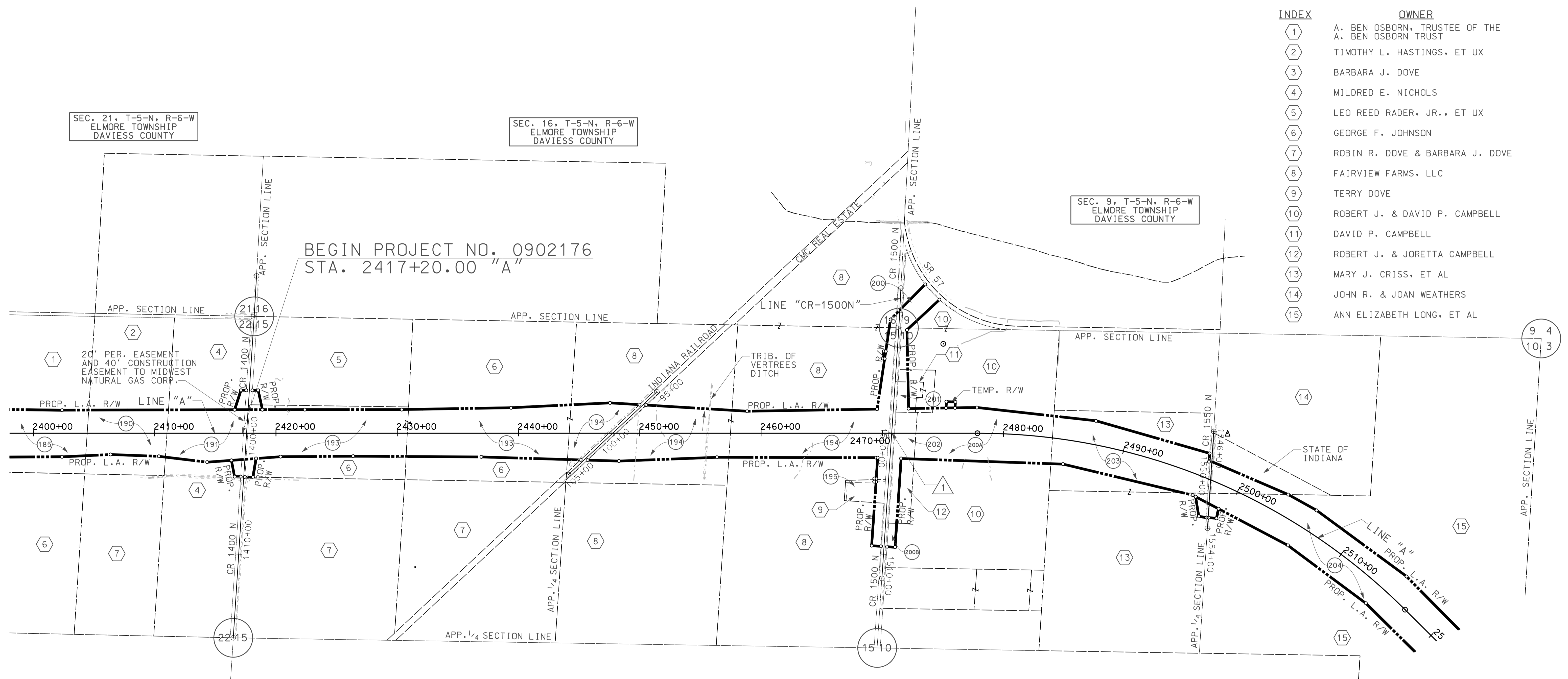
INDIANA
 DEPARTMENT OF TRANSPORTATION

 TYPICAL SECTIONS
 AR-17, CR 1500 N

HORIZONTAL SCALE	BRIDGE FILE	
1/8" = 1'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	TS-02	4 of 150
CONTRACT	PROJECT	
IR-33051	0902176	



INDEX	OWNER
1	A. BEN OSBORN, TRUSTEE OF THE A. BEN OSBORN TRUST
2	TIMOTHY L. HASTINGS, ET UX
3	BARBARA J. DOVE
4	MILDRED E. NICHOLS
5	LEO REED RADER, JR., ET UX
6	GEORGE F. JOHNSON
7	ROBIN R. DOVE & BARBARA J. DOVE
8	FAIRVIEW FARMS, LLC
9	TERRY DOVE
10	ROBERT J. & DAVID P. CAMPBELL
11	DAVID P. CAMPBELL
12	ROBERT J. & JORETTA CAMPBELL
13	MARY J. CRISS, ET AL
14	JOHN R. & JOAN WEATHERS
15	ANN ELIZABETH LONG, ET AL

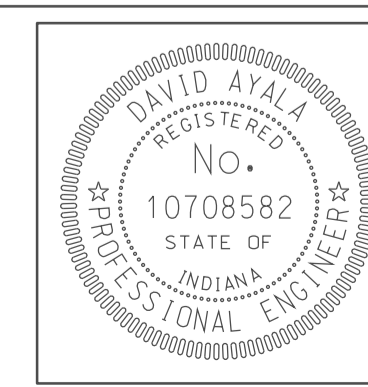


BEGIN PROJECT NO. 0902176
STA. 2417+20.00 "A"

1 P.O.T. 1500+00.00 LINE "CR 1500N"
P.O.T. 2470+77.43 LINE "A"

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

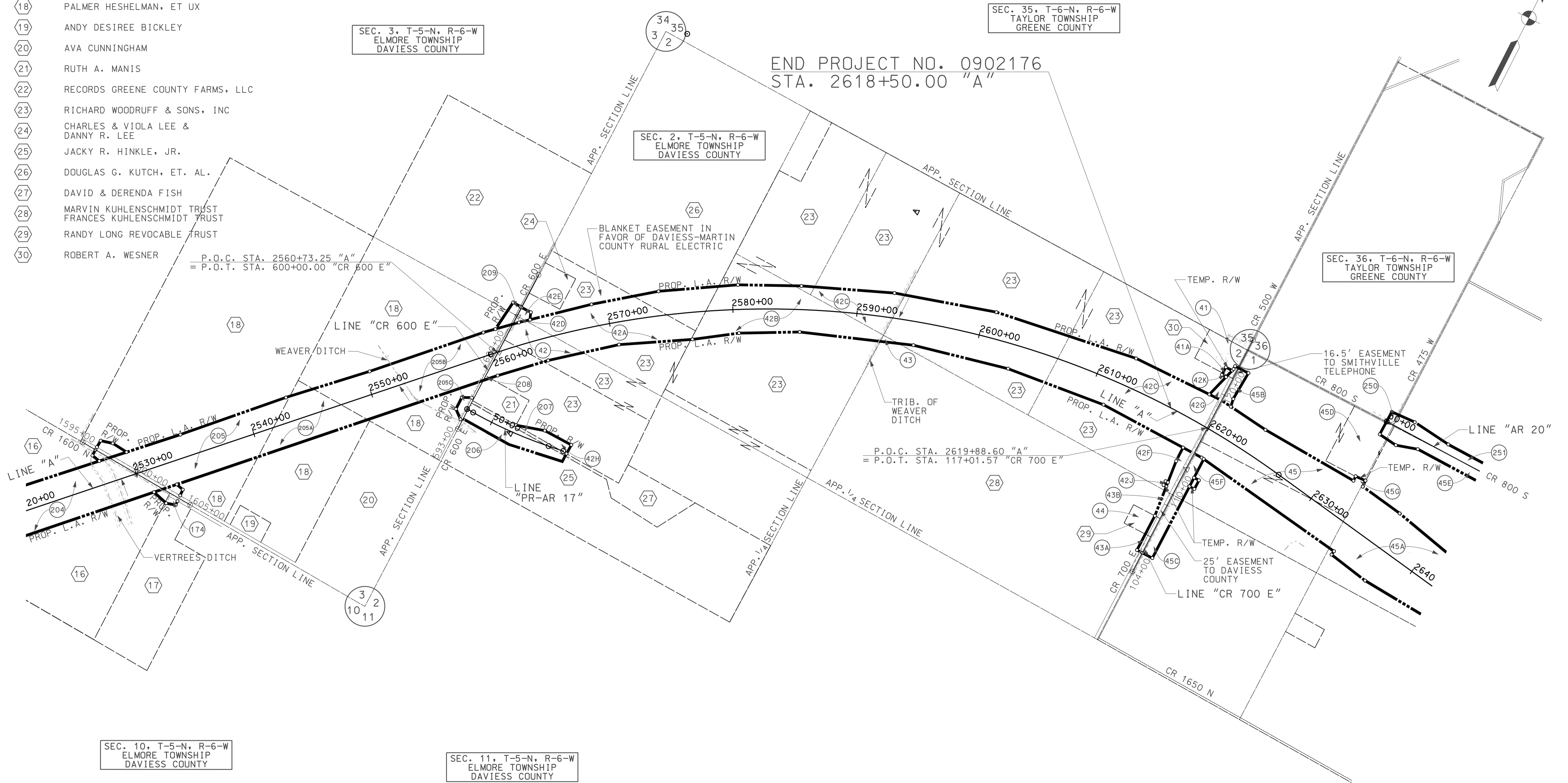
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT NO. 1

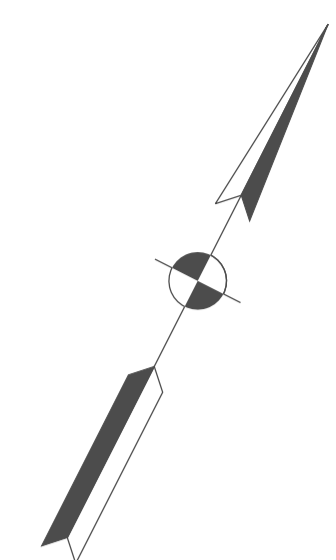
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1" = 400'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PS-01	5 of 150
CONTRACT	PROJECT	
IR-33051	0902176	

09/17
 09/17
 IP_P:\P\2010\0902176\SEGIS\PS001.dgn

INDEX	OWNER
16	ANN ELIZABETH LONG, ET. AL.
17	DAN E. McCULLOUGH, ET UX
18	PALMER HESHELMAN, ET UX
19	ANDY DESIREE BICKLEY
20	AVA CUNNINGHAM
21	RUTH A. MANIS
22	RECORDS GREENE COUNTY FARMS, LLC
23	RICHARD WOODRUFF & SONS, INC
24	CHARLES & VIOLA LEE & DANNY R. LEE
25	JACKY R. HINKLE, JR.
26	DOUGLAS G. KUTCH, ET. AL.
27	DAVID & DERENDA FISH
28	MARVIN KUHLENSCHMIDT TRUST FRANCES KUHLENSCHMIDT TRUST
29	RANDY LONG REVOCABLE TRUST
30	ROBERT A. WESNER

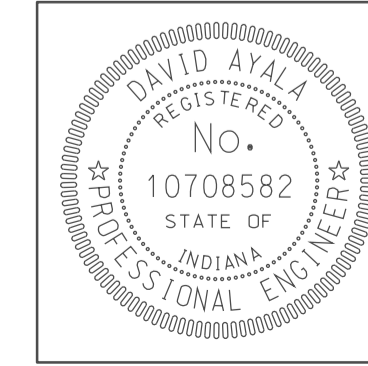


END PROJECT NO. 0902176
STA. 2618+50.00 "A"



LEGEND

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



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

DESIGNED: BEJ DRAWN: DH
CHECKED: SNM CHECKED: DMA

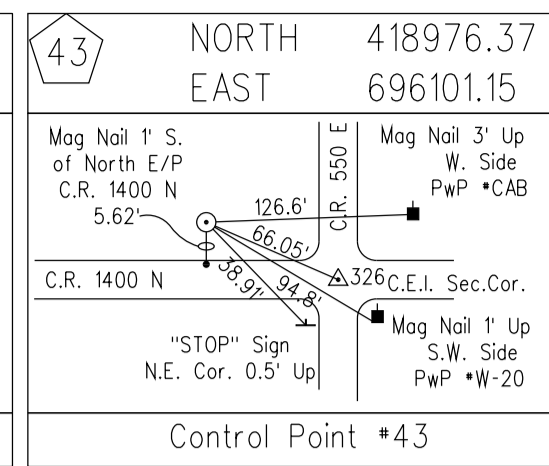
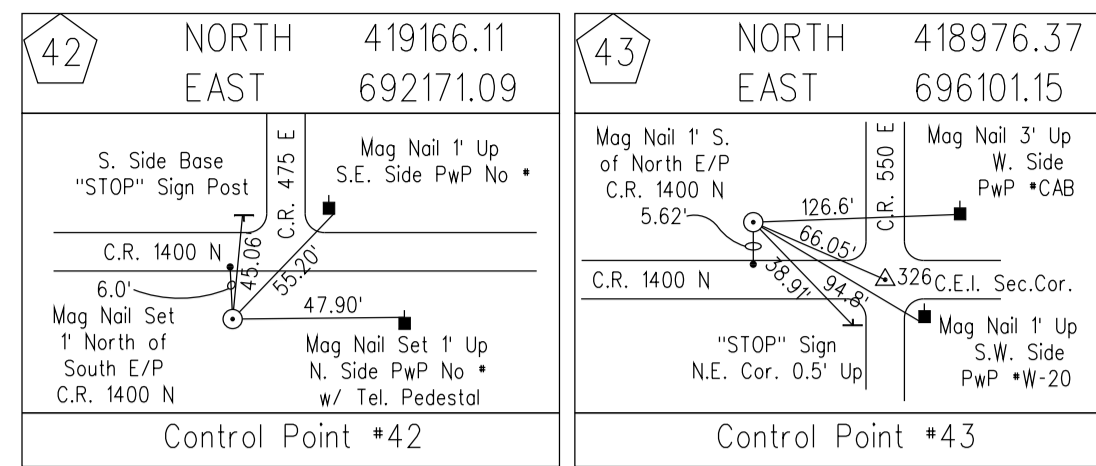
INDIANA DEPARTMENT OF TRANSPORTATION

PLAT NO. 1

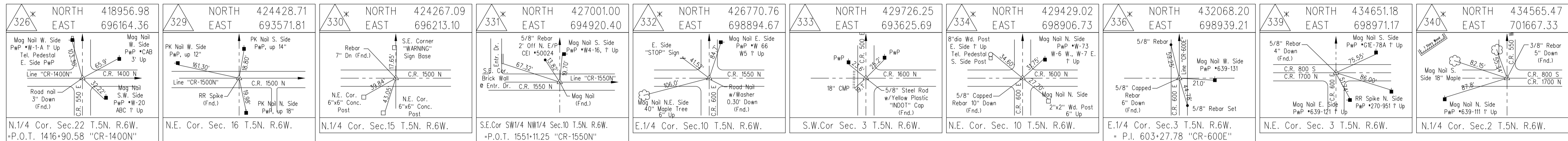
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1" = 400'		
VERTICAL SCALE	DESIGNATION	
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SURVEY BOOK	DWG. NO.	SHEET NO.
	PS-02	6 of 150
CONTRACT	PROJECT	
IR-33051	0902176	

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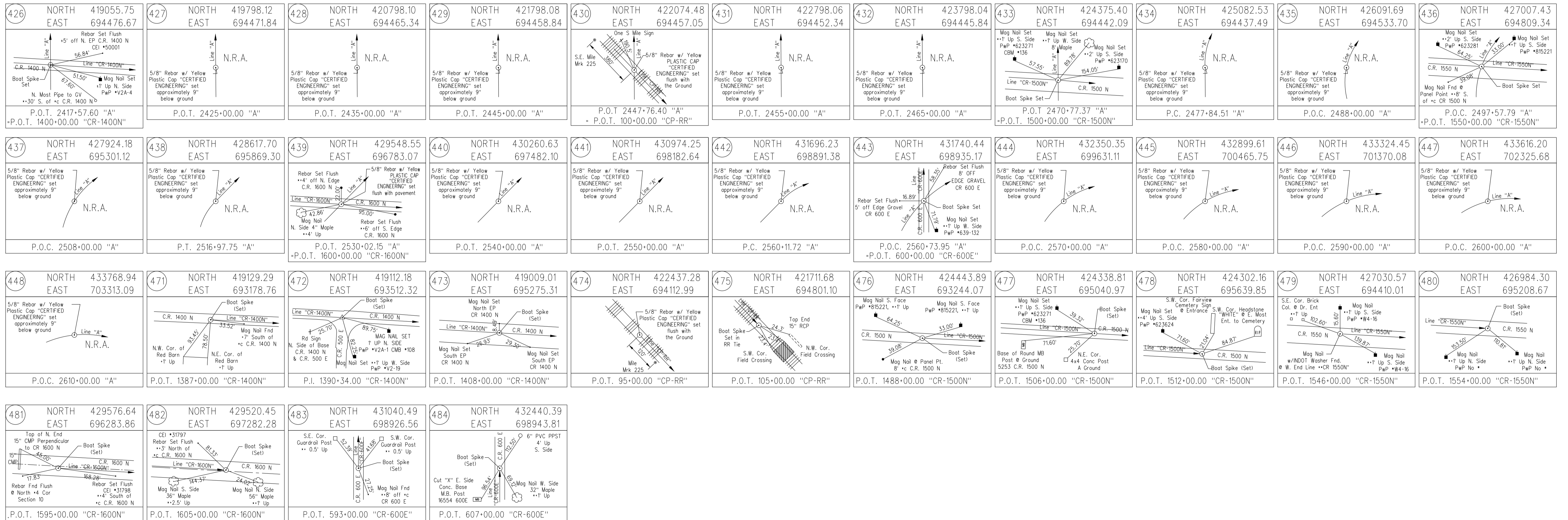
CONTROL POINTS



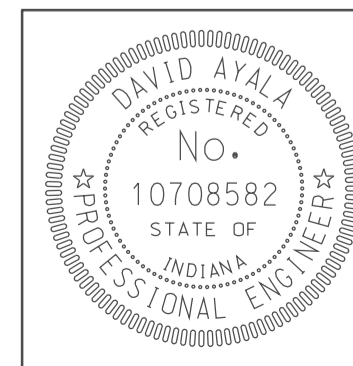
SECTION CORNERS



ALIGNMENT REFERENCE TIE



THE PRIMARY CONTROL, ALIGNMENT REFERENCE TIES AND SECTION CORNER CONTROL POINTS HAVE BEEN DUPLICATED FROM THE LOCATION CONTROL ROUTE SURVEY RECORDED SEPTEMBER 28, 2009 AS INSTR. NO. 09-4676 IN THE OFFICE OF DAVIESS COUNTY RECORDER AND 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: DMA CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION

GEOMETRIC TIE-UP SHEET

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	0902176
SURVEY BOOK	DWG. NO. SHEET NO.
IR-33051	CP-01 7 of 150
CONTRACT	PROJECT
IR-33051	0902176

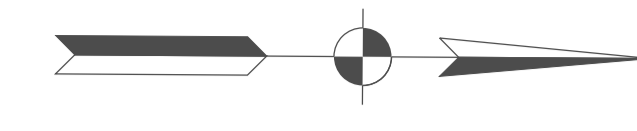
MILDRED E. NICHOLS

BEGIN CONSTRUCTION

P.O.T. STA. 1396+65.19

"CR 1400 N"
OFFSET 0.83' RT.

SEC. 15, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVISS COUNTY



2430

2425

+89.9,14.8'-Tf Riser

(FORCE MAIN)
+55.58
354.00'

+05.68
354.00'

P.O.T. STA. 1397+37.95 "CR 1400 N"
OFFSET 1.06' RT.

+23.2,59.0'-Bush
+23.2,39.4'-24 Maple
+32.7,127.1'-Air Conditioner
+37.8,58.5'-Bush

+65.3,39.7'-12 Maple
+05.4,34.7'-8 Redbud
+08.6,57.0'-10 Maple

+16.6,19.1'-Pw P

BEGIN CONSTRUCTION
PROJECT NO. 0902176
P.O.T. STA. 2417+20.00 "A"
N: 419018.14
E: 694476.91

LEO REED JR. ET UX

+59.00
193.55'

DES. NO. 05000444
DES. NO. 09121176

+88.00
194.13'

+38.00
195.00'

+37.00
195.00'

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

GEORGE F. JOHNSON

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

P.O.T. STA. 2417+57.60 "A"
= P.O.T. STA. 1400+00.00 "CR 1400 N"

STR. NO. 242000
STA. 2420+18
L= 207 LFT. 16'x4'
CONCRETE BOX CULVERT

CONSTR. LIMITS

Cultivated

GUARDRAIL

I-69 (SOUTHBOUND LANES)

I-69 (SOUTHBOUND LANES)

LINE "A"

2420+00

2425+00

2430+00

LINE "A"

N 0°22'21" W

I-69 (NORTHBOUND LANES)

I-69 (NORTHBOUND LANES)

GUARDRAIL

CONSTR. LIMITS

Cultivated

LINE "CR 1400 N"

U-TURN
MEDIAN
OPENING

CONSTR. LIMITS

+08 "CR 1400 N",
CLASS V DRIVE,
W=12'

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

+56.5,77.6'-24 Maple
+81.6,94.6'-Mail Box

GEORGE F. JOHNSON

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

GEORGE F. JOHNSON

(FORCE MAIN)

+33.00
223.12'

P.O.T. STA. 1402+90.70 "CR 1400 N"
OFFSET 1.31' RT.

+97 "CR 1400 N",
CLASS V DRIVE,
W=12'

+42.1,21.4'-Sanitary MH
+58.4,43.7'-Utility Marker-GAS
+69.2,19.8'-42 CMP

+59.00
358.00'

+44.10
361.70'

+10.00
362.79'

END CONSTRUCTION
P.O.T. STA. 1403+62.33 "CR 1400 N"
OFFSET 0.71' RT.

ROBIN R. DOVE AND
BARBARA J. DOVE

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

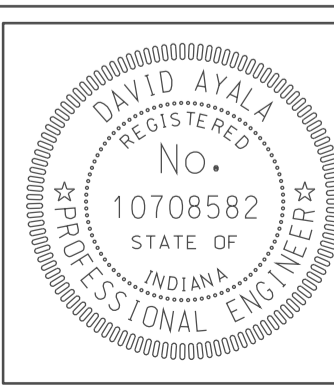
ALL TOPD NOTE STATION CALLOUTS ARE REFERENCED TO
RECORDED LOCATION CONTROL SURVEY ALIGNMENT

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

ROBIN R. DOVE AND
BARBARA J. DOVE

LEGEND

✕	BUILDING REMOVAL
ⓑ	BEGIN L.A. R/W
ⓔ	END L.A. R/W
ⓧ	REMOVE EXISTING ROADWAY



RECOMMENDED FOR APPROVAL *com jo*

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

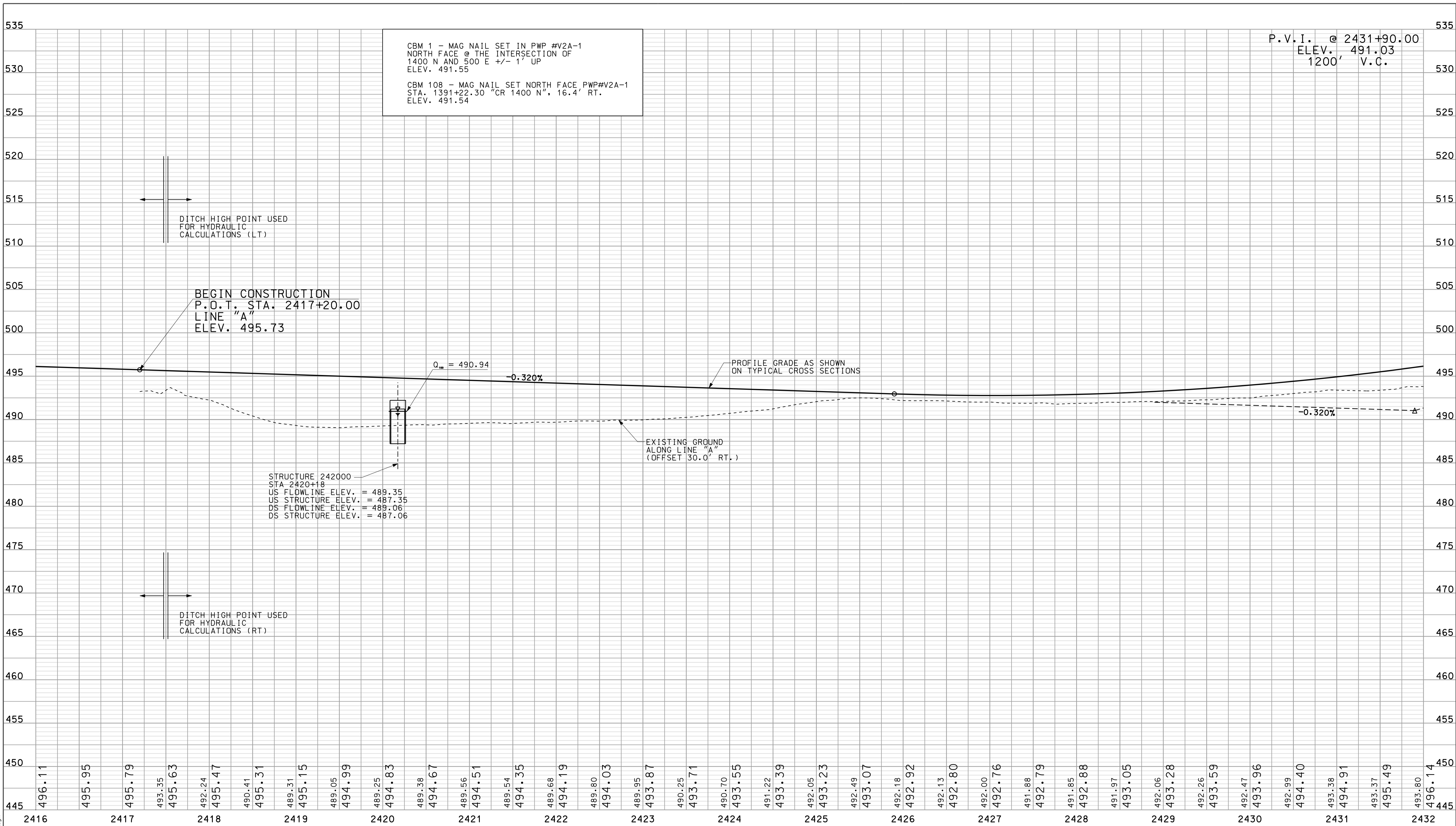
DESIGN ENGINEER DATE 5/5/10

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN SHEET
LINE "A"
STA. 2417+20 TO STA. 2432+00

HORIZONTAL SCALE 1" = 50'		BRIDGE FILE	
VERTICAL SCALE		DESIGNATION 0902176	
SURVEY BOOK IR-33051	DWG. NO. PN-01	SHEET NO. 8 of 150	
PROJECT 0902176			

0948
1P-PWP-000245-SEG-001.dgn
05/05/2010



CBM 1 - MAG NAIL SET IN PWP #V2A-1
 NORTH FACE @ THE INTERSECTION OF
 1400 N AND 500 E +/- 1' UP
 ELEV. 491.55

CBM 108 - MAG NAIL SET NORTH FACE PWP#V2A-1
 STA. 1391+22.30 "CR 1400 N", 16.4' RT.
 ELEV. 491.54

P.V.I. @ 2431+90.00
 ELEV. 491.03
 1200' V.C.

DITCH HIGH POINT USED
 FOR HYDRAULIC
 CALCULATIONS (LT)

BEGIN CONSTRUCTION
 P.O.T. STA. 2417+20.00
 LINE "A"
 ELEV. 495.73

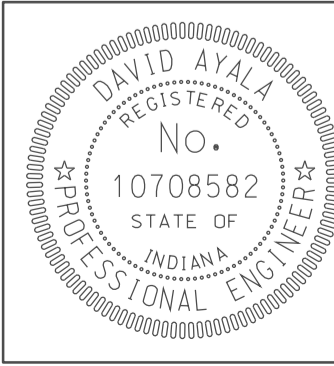
PROFILE GRADE AS SHOWN
 ON TYPICAL CROSS
 SECTIONS

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

STRUCTURE 242000
 STA. 2420+18
 US FLOWLINE ELEV. = 489.35
 US STRUCTURE ELEV. = 487.35
 DS FLOWLINE ELEV. = 489.06
 DS STRUCTURE ELEV. = 487.06

DITCH HIGH POINT USED
 FOR HYDRAULIC
 CALCULATIONS (RT)

09/18
 10/15/2010
 IP_PWP-IR-33051-0902176-SEG1EPR001.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
 LINE "A"
 STA. 2417+20 TO STA. 2432+00

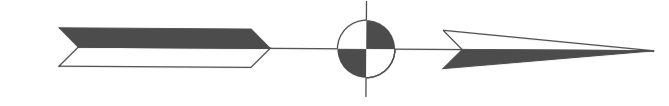
HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 5'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. PR-01	SHEET NO. 9 of 150
CONTRACT IR-33051	PROJECT 0902176	

2435

2440

2445

SEC. 15, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVIESS COUNTY



+81.2, 10.2-4 PVC

GEORGE F. JOHNSON

FAIRVIEW FARMS, LLC

P.O.T. STA. 2447+76.40 "A"
= P.O.T. STA. 100+00.00 "CP-RR"

+55.00
250.00'

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

CONSTR. LIMITS

STR. NO. I-69-14-9433
DES. NO. 0902073
SB I-69 OVER INDIANA
RAILROAD

STR. NO. 244600
STA. 2445+87
L = 433 LFT.
84" DIA. CULVERT

39°01'12"

GUARDRAIL

Cultivated
CONSTR. LIMITS

Cultivated

I-69 (SOUTHBOUND LANES)

I-69 (SOUTHBOUND LANES)

LINE "A"

2435+00

2440+00

2445+00

N 0°22'21" W

I-69 (NORTHBOUND LANES)

I-69 (NORTHBOUND LANES)

LINE "A"

Cultivated
CONSTR. LIMITS

Cultivated

STR. NO. I-69-14-9432
DES. NO. 0902072
NB I-69 OVER INDIANA
RAILROAD

TOP OF BERM
CONSTRUCT TO
ELEV. 495.00

S 43°28'52" E

CONSTR. LIMITS

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

+94.00
195.00'

E +12.60
219.54'

B +69.31
221.24'

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

GEORGE F. JOHNSON

FAIRVIEW FARMS, LLC

P.O.T. STA. 105+00 "CP-RR"
N: 421711.68
E: 694801.10

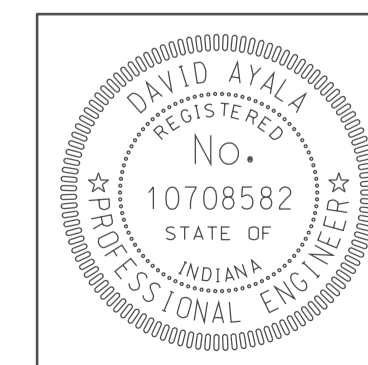
R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.

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



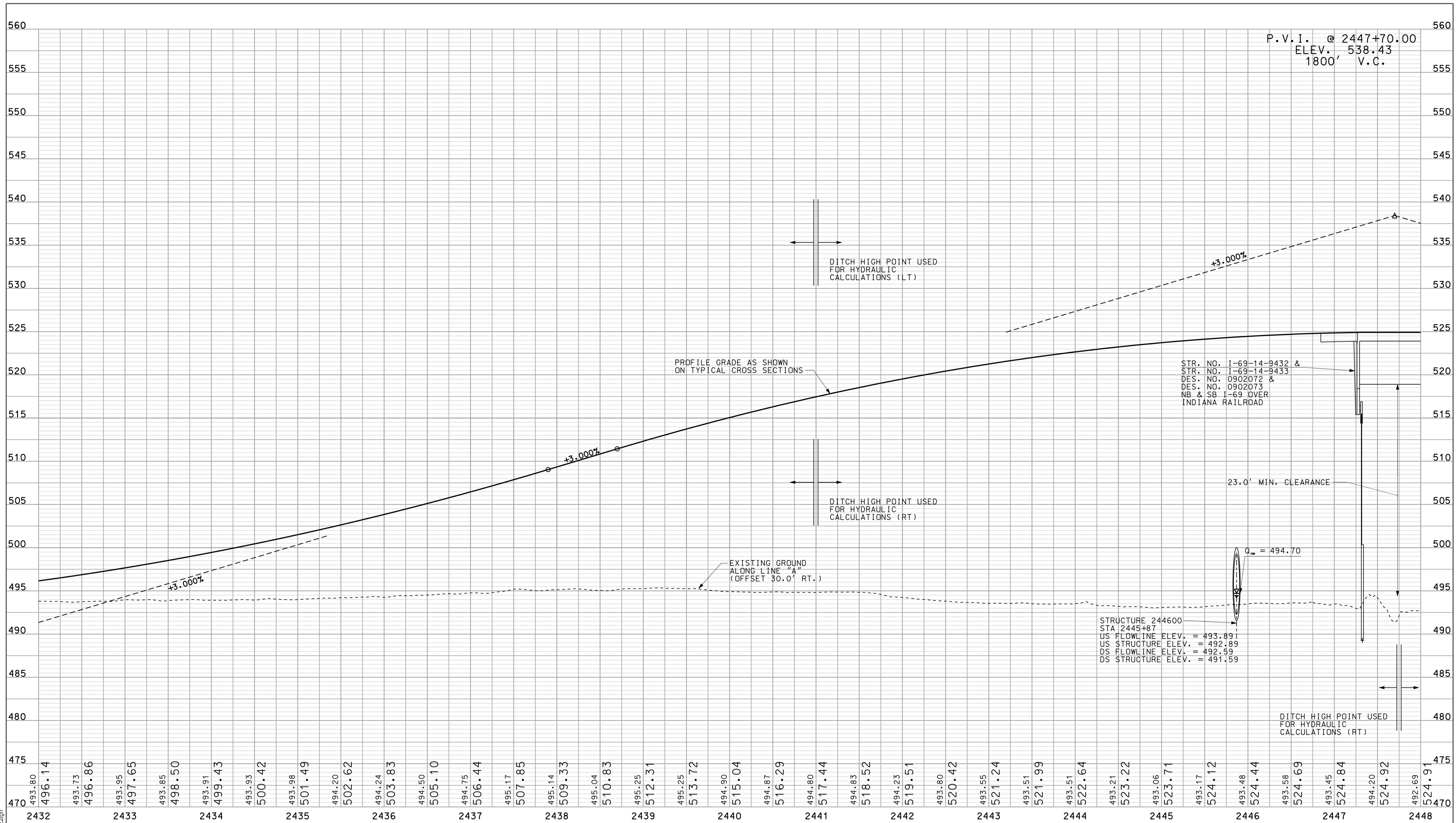
RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
LINE "A"
STA. 2432+00 TO STA. 2448+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-02	10 of 150
CONTRACT	PROJECT	
IR-33051	0902176	

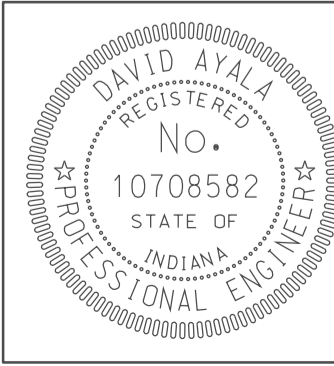
09/18
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P.V.I. @ 2447+70.00
 ELEV. 538.43
 1800' V.C.

STR. NO. I-69-14-9432 &
 STR. NO. I-69-14-9433
 DES. NO. 0902072 &
 DES. NO. 0902073
 NB & SB I-69 OVER
 INDIANA RAILROAD

STRUCTURE 244600
 STA 2445+87
 US FLOWLINE ELEV. = 493.891
 US STRUCTURE ELEV. = 492.89
 DS FLOWLINE ELEV. = 492.59
 DS STRUCTURE ELEV. = 491.59

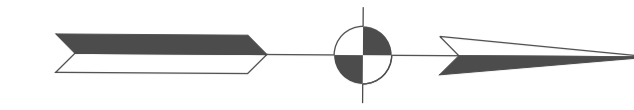


RECOMMENDED FOR APPROVAL *Rem Jo*
 DESIGN ENGINEER DATE 5/5/10
 DESIGNED: OCS DRAWN: DH
 CHECKED: NDH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION
 PROFILE SHEET
 LINE "A"
 STA. 2432+00 TO STA. 2448+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 5'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. PR-02	SHEET NO. 11 of 150
CONTRACT IR-33051	PROJECT 0902176	

09/18
 10/15/10
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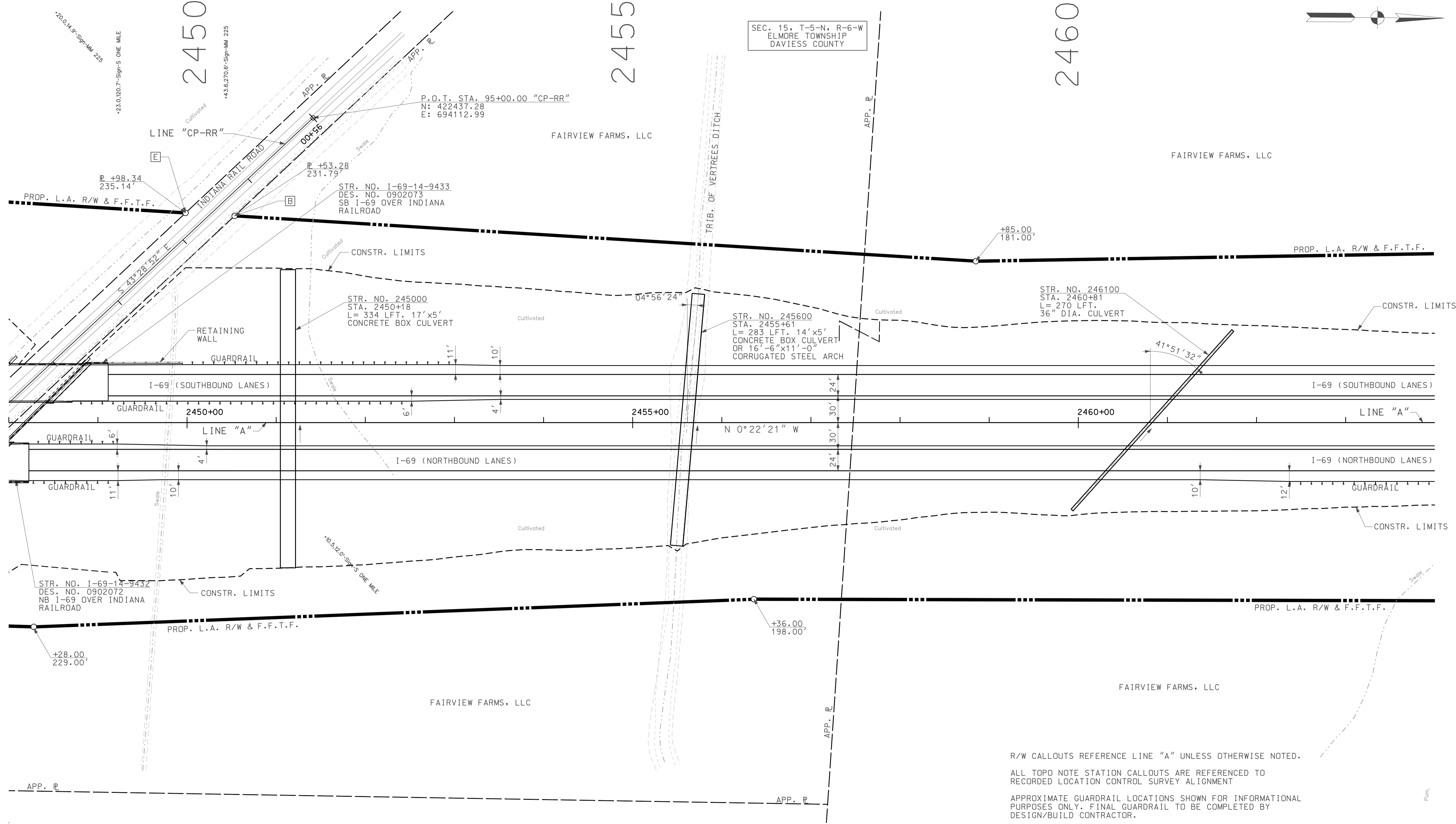


SEC. 15, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVISS COUNTY

2450

2455

2460

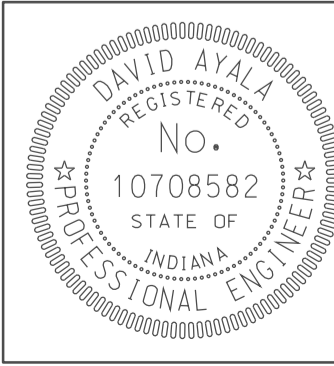


R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.
ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO RECORDED LOCATION CONTROL SURVEY ALIGNMENT
APPROXIMATE GUARDRAIL LOCATIONS SHOWN FOR INFORMATIONAL PURPOSES ONLY. FINAL GUARDRAIL TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/19
IP: P:\P\100245\SEG\IP\003.dgn

LEGEND

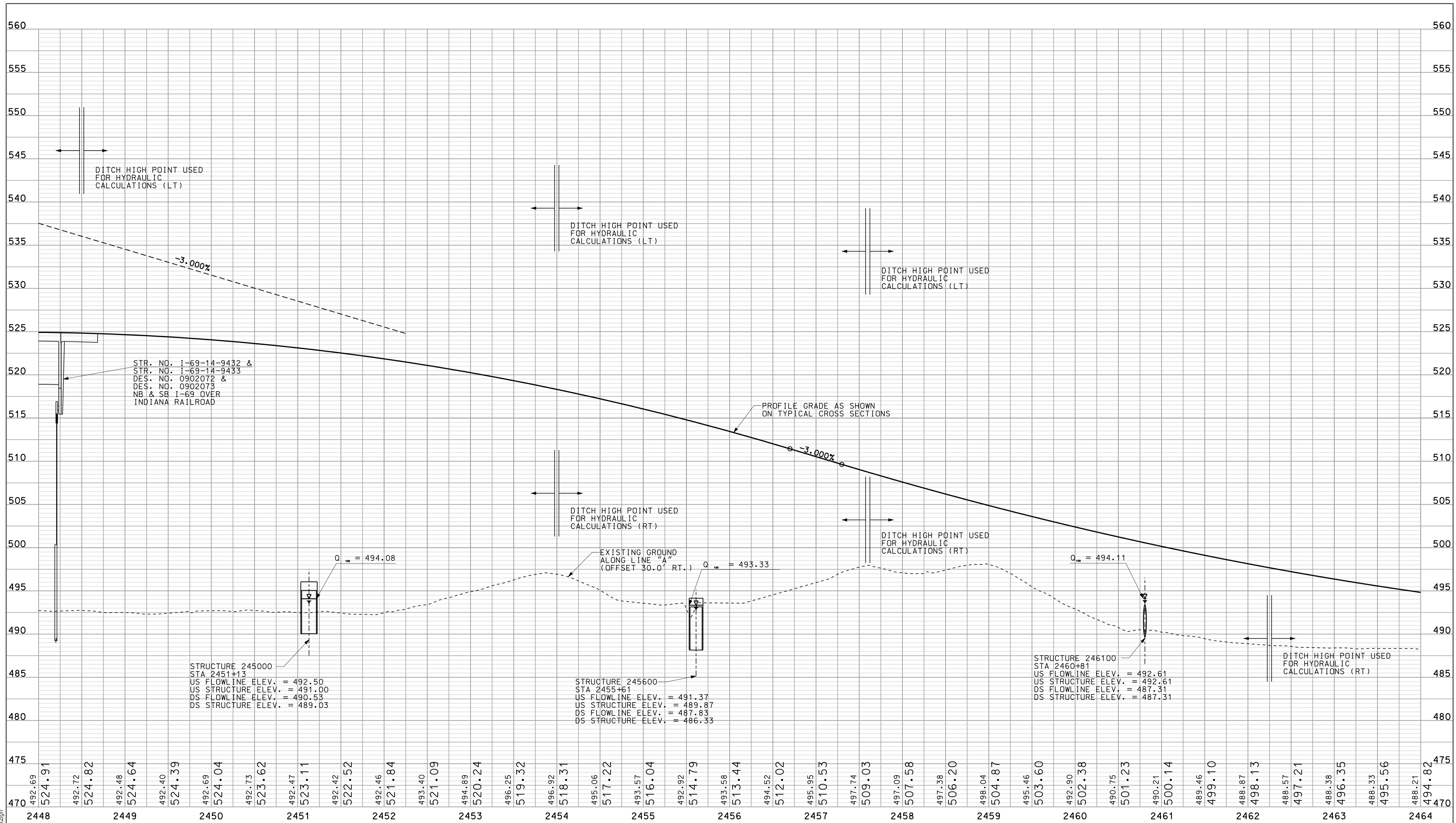
	BUILDING REMOVAL
	BEGIN L.A. R/W
	END L.A. R/W
	REMOVE EXISTING ROADWAY



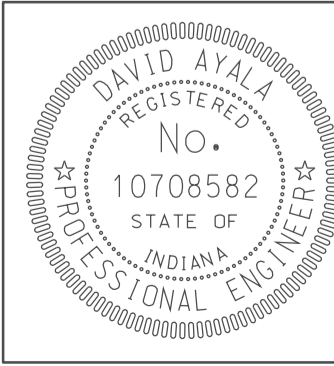
RECOMMENDED FOR APPROVAL	<i>com jo</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA
DEPARTMENT OF TRANSPORTATION
PLAN SHEET
LINE "A"
STA. 2448+00 TO STA. 2464+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-03	12 of 150
CONTRACT	PROJECT	
IR-33051	0902176	



09/09
 10/05/2010
 IP_PWP-81m020455EGIEPR003.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
LINE "A"
STA. 2448+00 TO STA. 2464+00

HORIZONTAL SCALE 1" = 50'		BRIDGE FILE	
VERTICAL SCALE 1" = 5'		DESIGNATION 0902176	
SURVEY BOOK IR-33051	DWG. NO. PR-03	SHEET NO. 13 of 150	
PROJECT 0902176			

2465

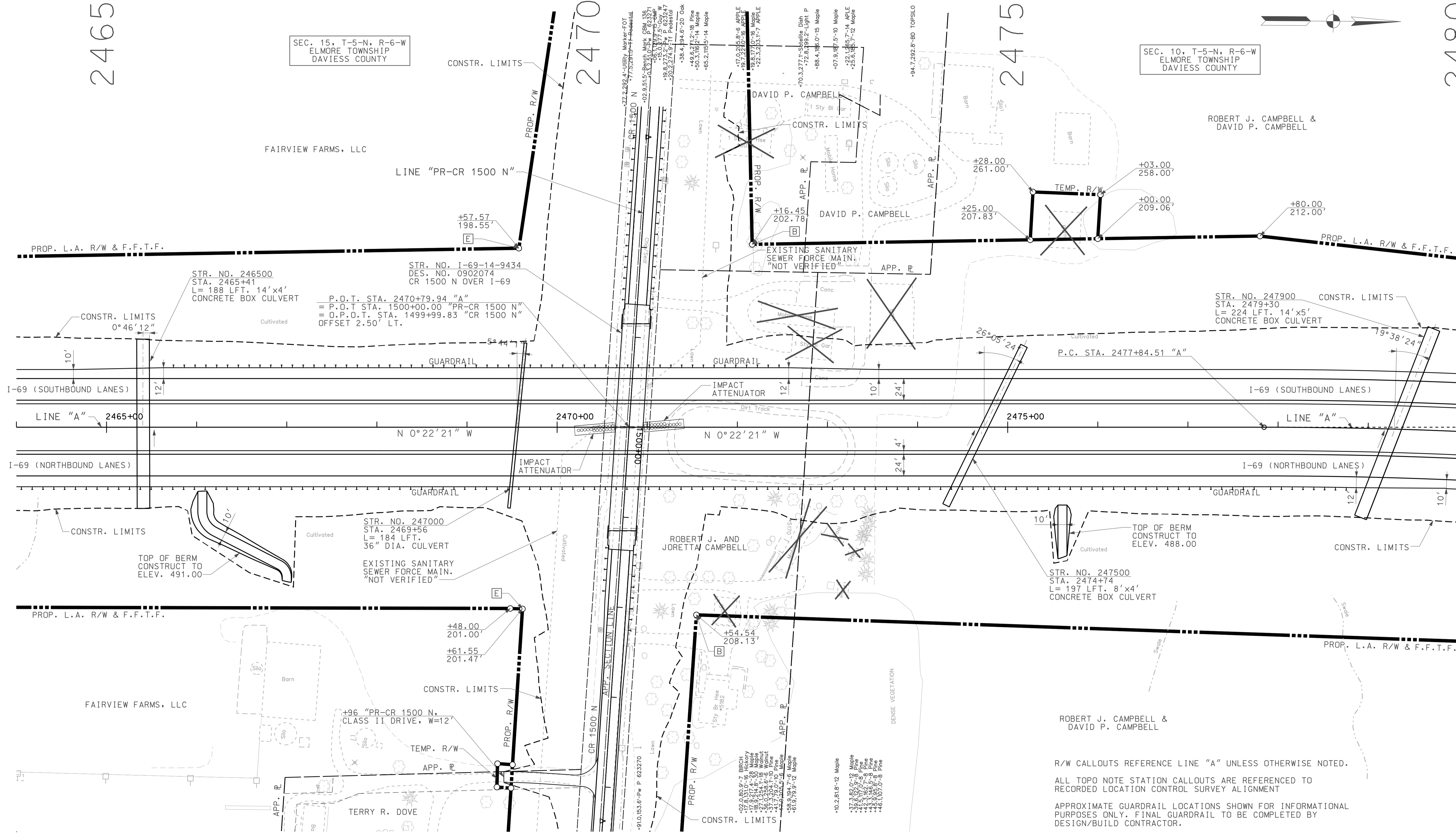
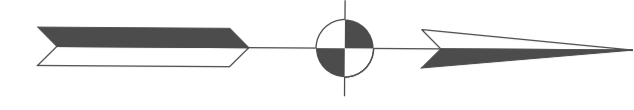
SEC. 15, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVISS COUNTY

2470

2475

SEC. 10, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVISS COUNTY

2480



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

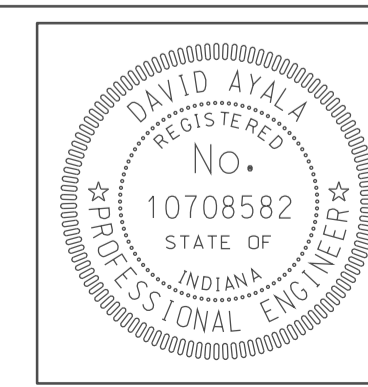
ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO RECORDED LOCATION CONTROL SURVEY ALIGNMENT

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

09/09
IP: P:\P\100245\SEG\004.dgn

LEGEND

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

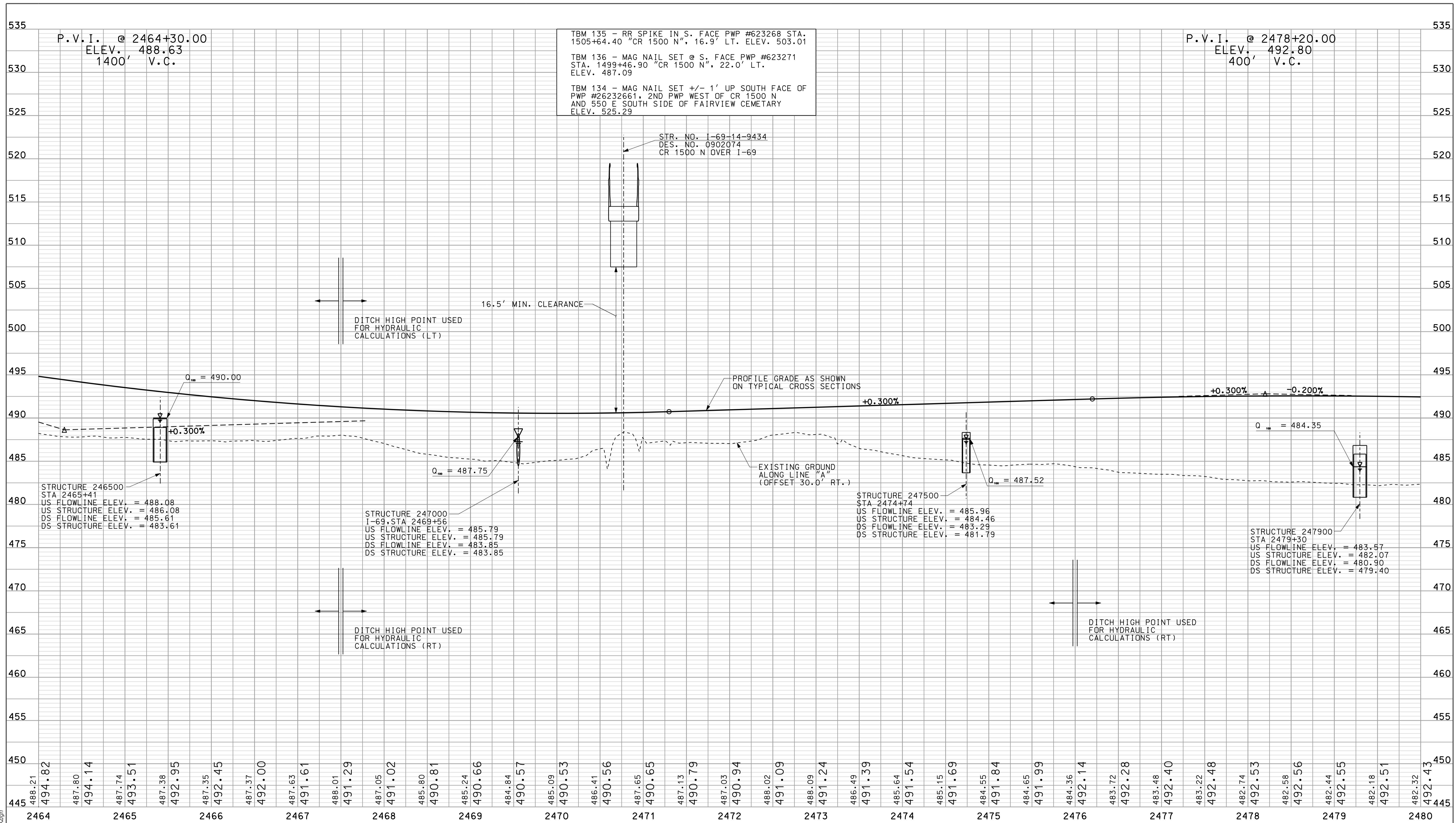


RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	DESIGN ENGINEER	5/5/10	DATE
DESIGNED:	OCs	DRAWN:	DH	
CHECKED:	NOH	CHECKED:	DMA	

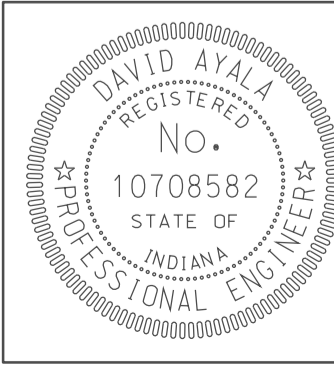
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
LINE "A"
STA. 2464+00 TO STA. 2480+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-04	14 of 150
CONTRACT	PROJECT	
IR-33051	0902176	



09/09
 10/05/2010
 IP_PWP-IR-33051-0902176-04.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
 LINE "A"
 STA. 2464+00 TO STA. 2480+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 5'	DESIGNATION 0902176	
SURVEY BOOK IR-33051	DWG. NO. PR-04	SHEET NO. 15 of 150
	PROJECT 0902176	

2480

2485

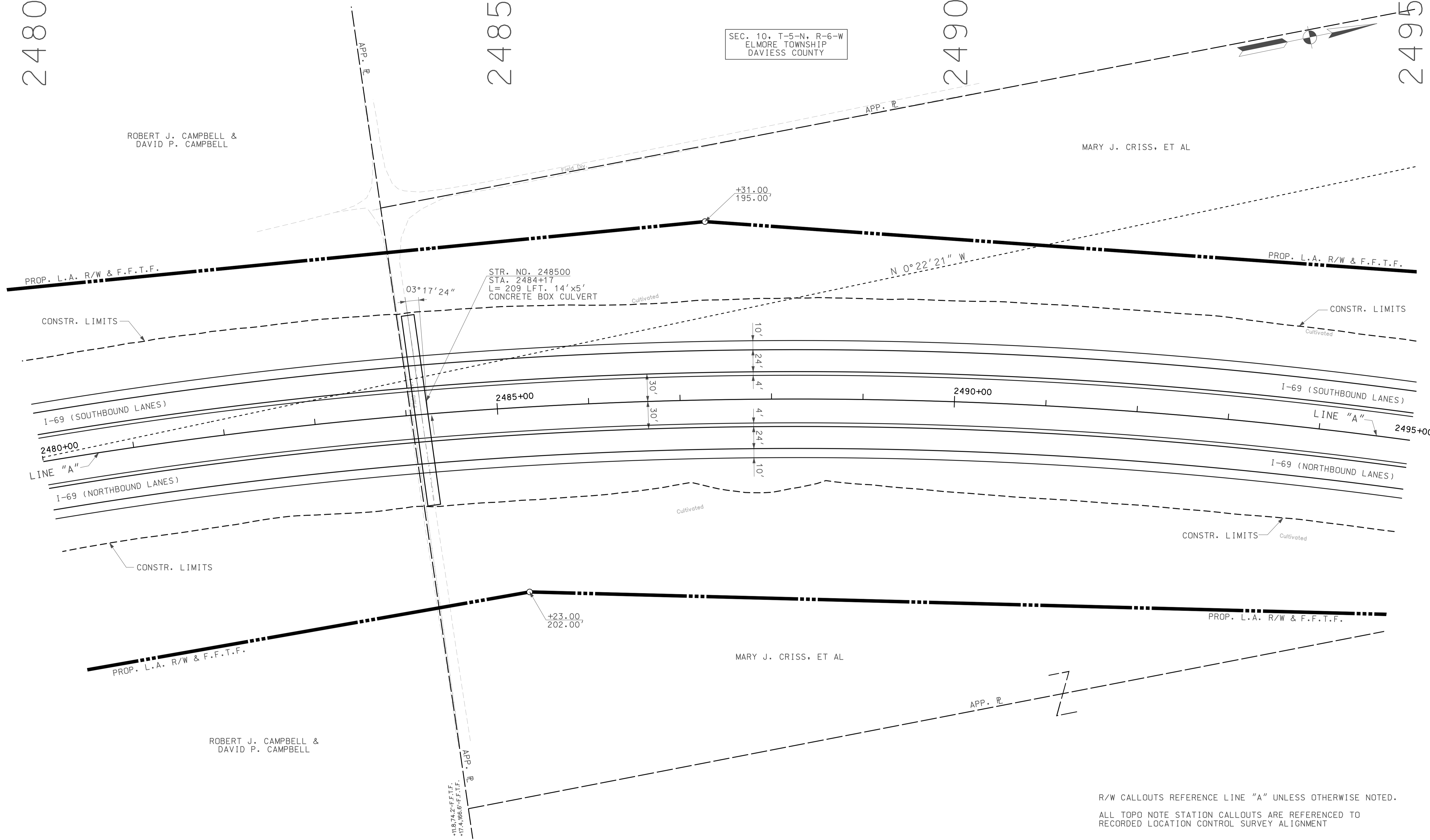
2490

2495

SEC. 10, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVISS COUNTY

ROBERT J. CAMPBELL &
DAVID P. CAMPBELL

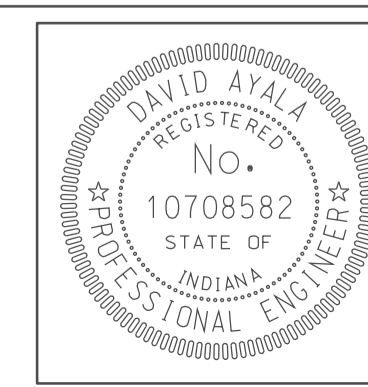
MARY J. CRISS, ET AL



09/20
IP: P:\P\100245\SEG\IP005.dgn

LEGEND

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



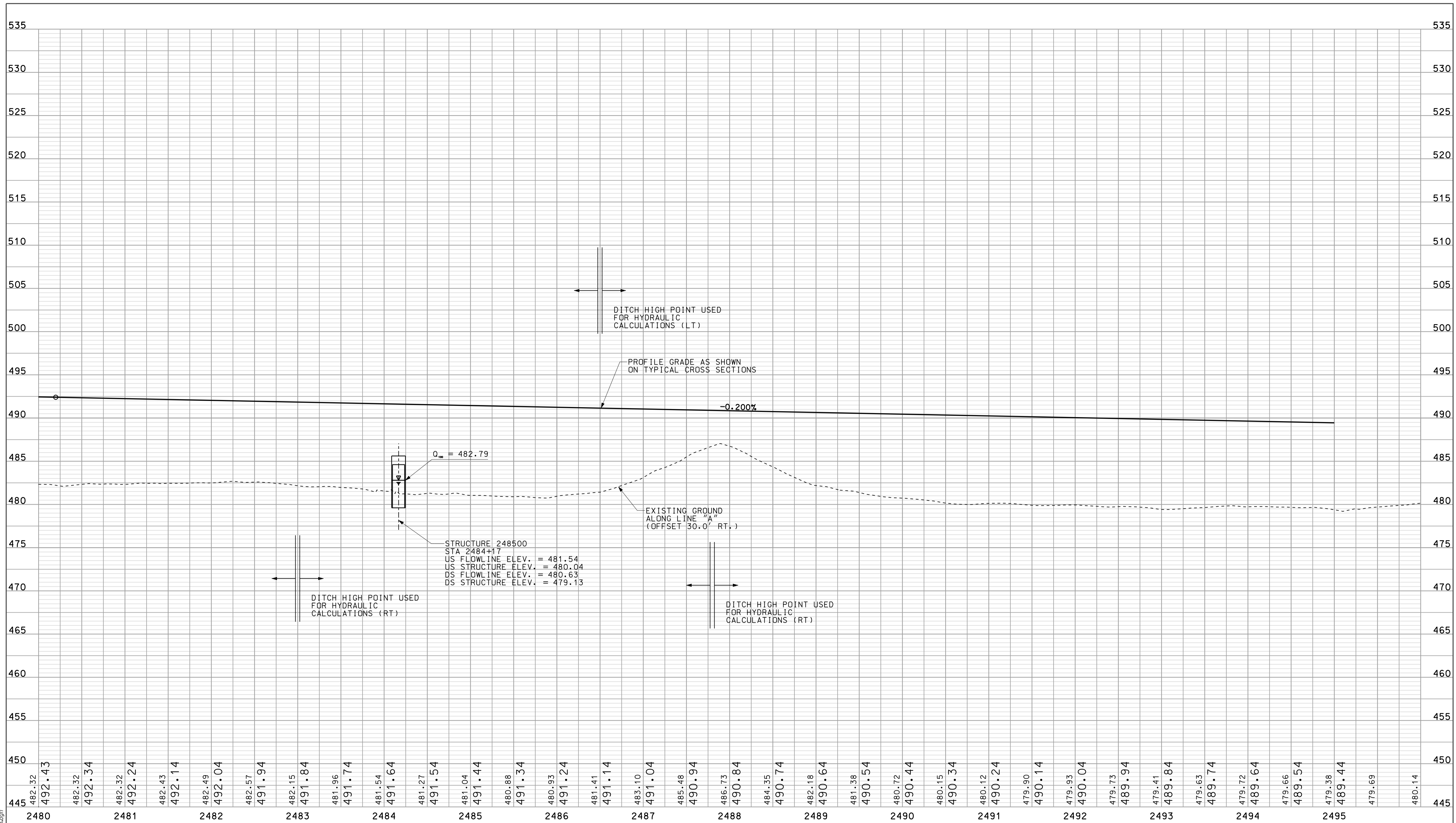
RECOMMENDED FOR APPROVAL	<i>em jg</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA
DEPARTMENT OF TRANSPORTATION

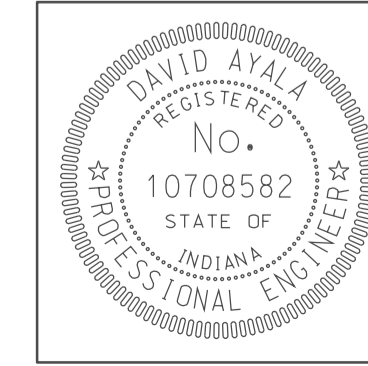
PLAN SHEET
LINE "A"
STA. 2480+00 TO STA. 2495+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-05	16 of 150
CONTRACT	PROJECT	
IR-33051	0902176	

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



09/20
 09/20
 IP: P:\P\100245\SEG\PR005.dgn



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

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

INDIANA
 DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
 LINE "A"
 STA. 2480+00 TO STA. 2495+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 5'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. PR-05	SHEET NO. 17 of 150
CONTRACT IR-33051	PROJECT 0902176	

BEGIN CONSTRUCTION

P.O.T. STA. 1547+10.41
"CR 1550 N"
OFFSET 4.18' RT.

P.O.T. STA. 1546+00.00
"CR 1550 N"
N: 427030.57
E: 594410.01

P.O.T. STA. 1547+95.43 "CR 1550 N"
OFFSET 36.56' LT.

2500

2505

2510

SEC. 10, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVISS COUNTY

ANN ELIZABETH LONG ET AL

CURVE DATA
P.I. STA. 2498+47.53 "A"
Δ = 44° 50' 33" RT.
D = 1° 08' 45"
R = 5000.00'
T = 2063.02'
L = 3913.24'
E = 408.88'
DS = 70 MPH
e = 4.2%

STATE OF INDIANA

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

STR. NO. 250400
STA. 2503+71
L = 196 LFT. 16' x 5'
CONCRETE BOX CULVERT

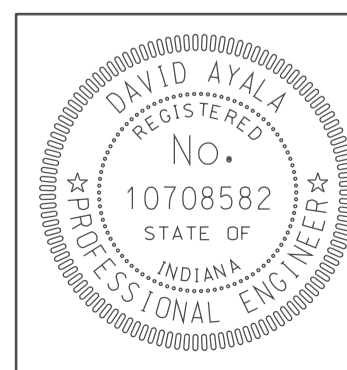
END CONSTRUCTION
P.O.T. STA. 1553+41.17 "CR 1550 N"
OFFSET 4.37' RT.

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



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

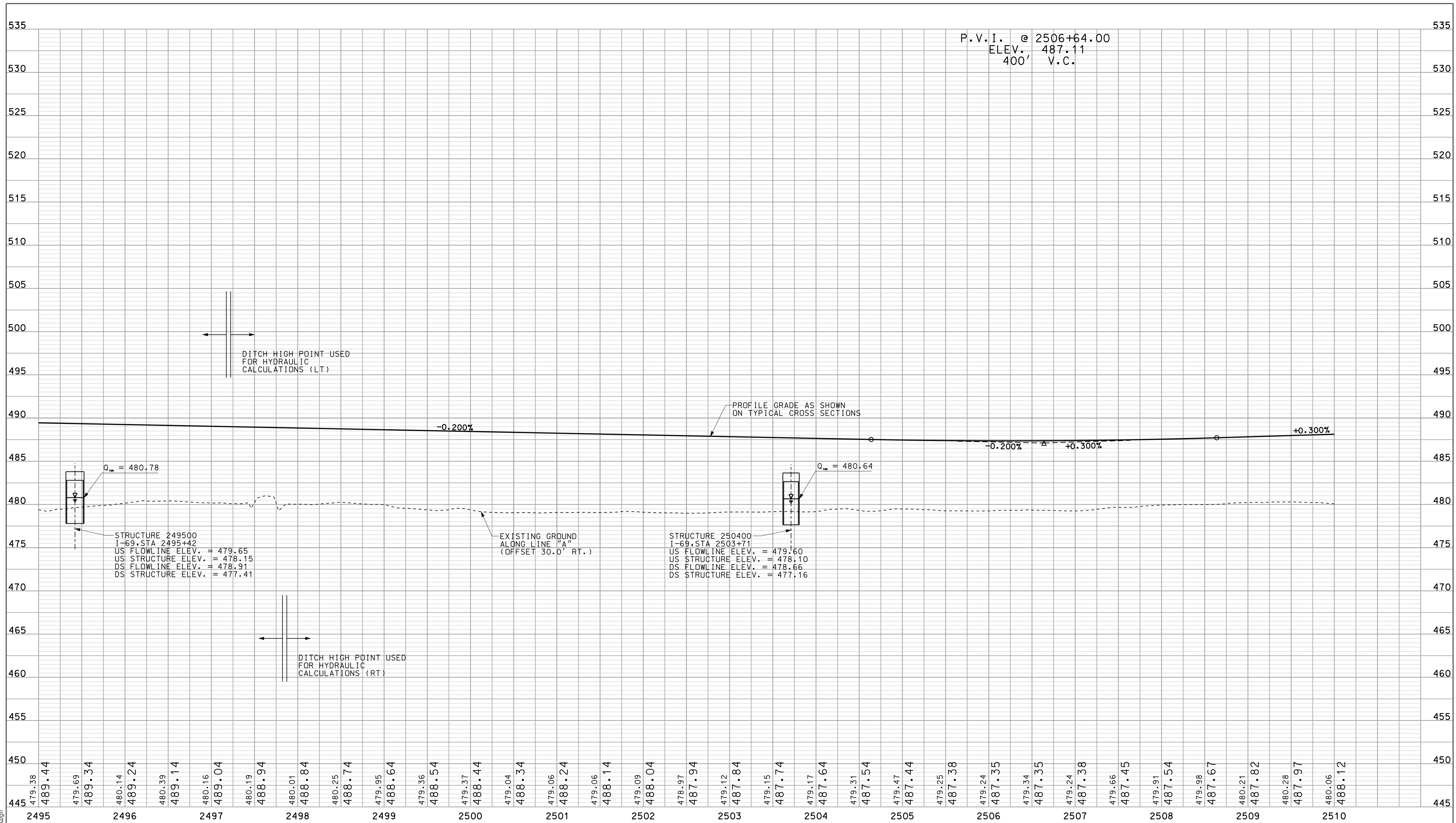
DESIGNED: OCS DRAWN: DH
CHECKED: NDH CHECKED: DMA

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
LINE "A"
STA. 2495+00 TO STA. 2510+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 0902176
SURVEY BOOK IR-33051	DWG. NO. PN-06 SHEET NO. 18 of 150 PROJECT 0902176

09/20 1P:\P\100245\SE\02\006.dgn



09/20
 09/20
 1P-WP-IR-33051-SEG19-06.dgn

	RECOMMENDED FOR APPROVAL <i>David Ayala</i> DESIGN ENGINEER	5/5/10 DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 50' VERTICAL SCALE 1" = 5'	BRIDGE FILE DESIGNATION 0902176
	DESIGNED: OCS CHECKED: NDH	DRAWN: DH CHECKED: DMA	PROFILE SHEET LINE "A" STA. 2495+00 TO STA. 2510+00		SURVEY BOOK IR-33051	DWG. NO. PR-06 SHEET NO. 19 of 150 PROJECT 0902176

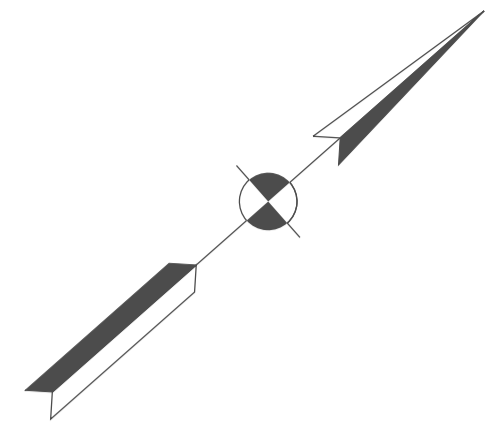
2510

2515

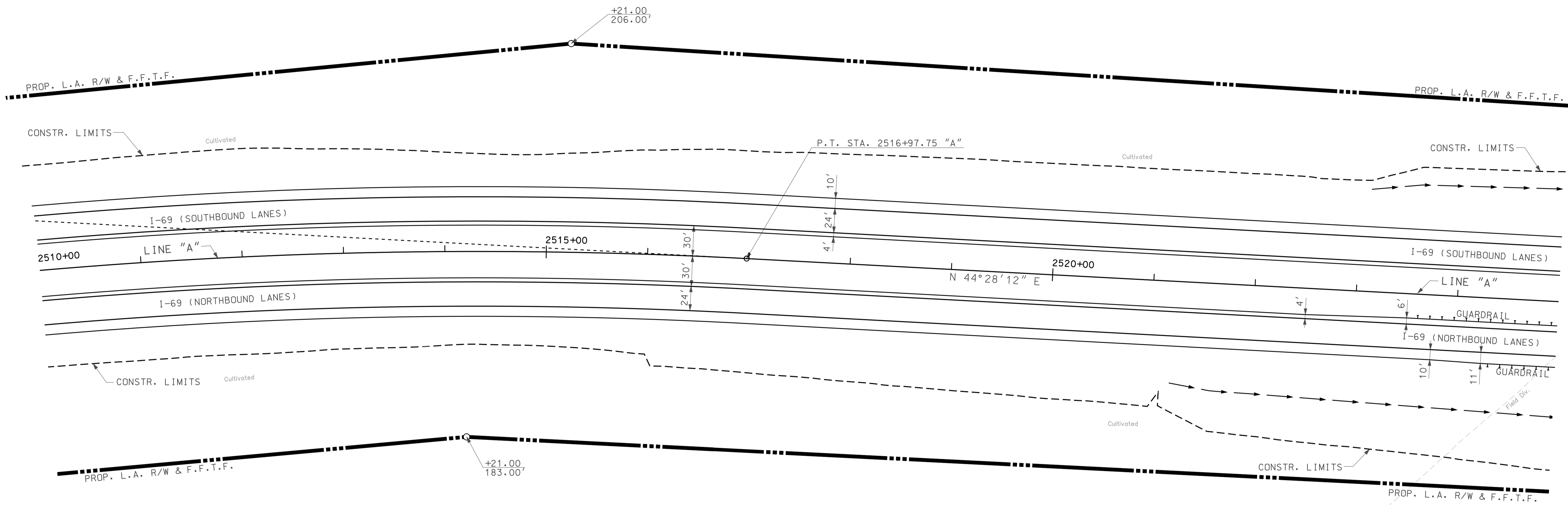
2520

2525

SEC. 10, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVISS COUNTY



ANN ELIZABETH LONG ET AL



ANN ELIZABETH LONG ET AL

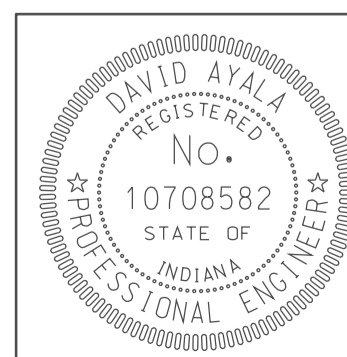
R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.

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



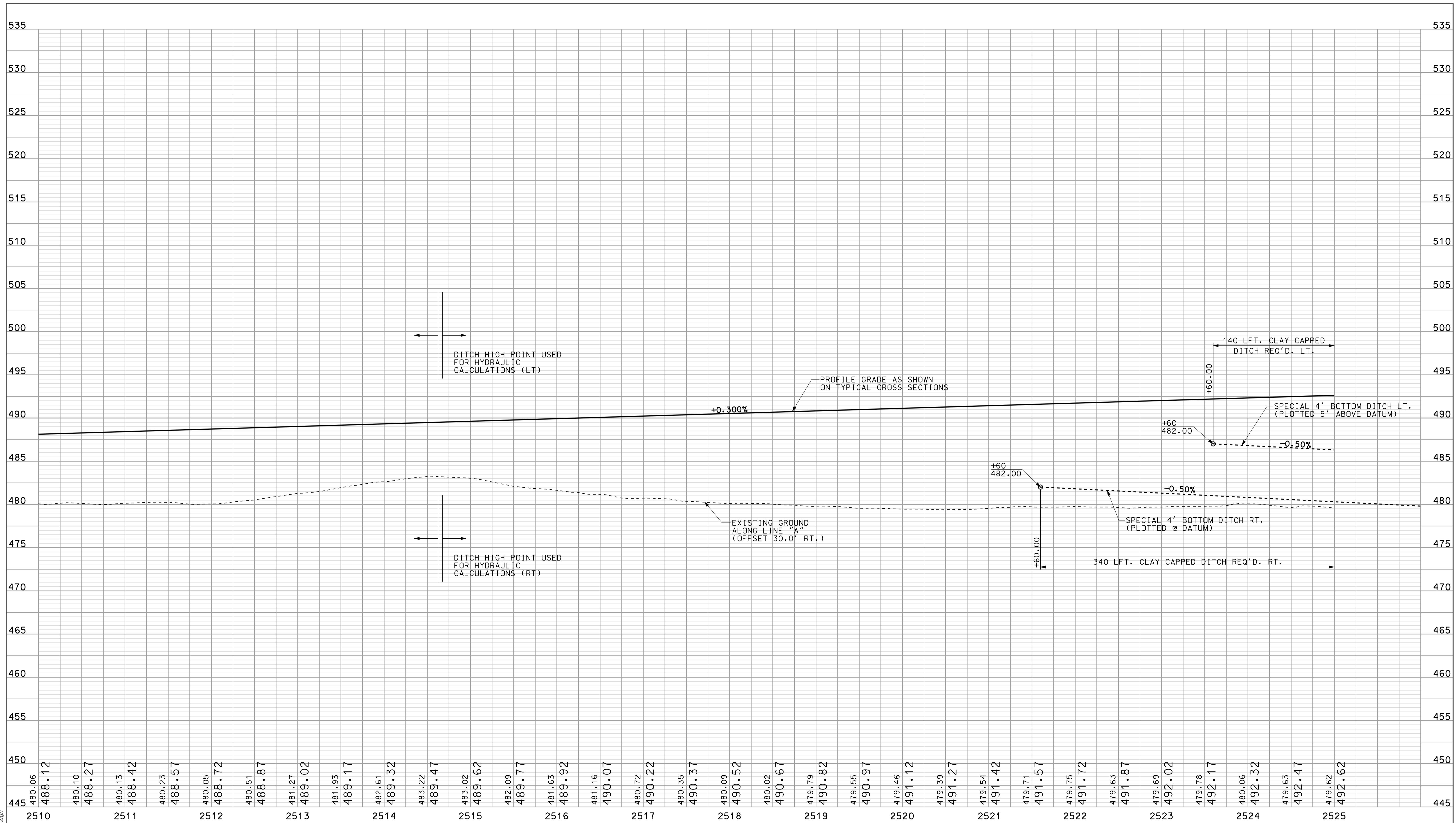
RECOMMENDED FOR APPROVAL	<i>em jg</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NDH	CHECKED:	DMA

INDIANA
DEPARTMENT OF TRANSPORTATION

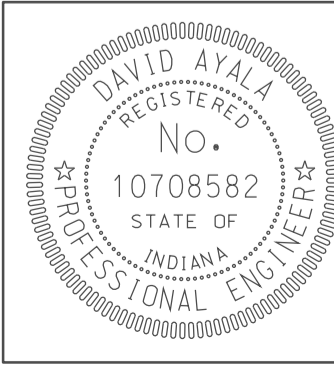
PLAN SHEET
LINE "A"
STA. 2510+00 TO STA. 2525+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-07	20 of 150
CONTRACT	PROJECT	
IR-33051	0902176	

09/20
IP: P:\P\100245\SEG\PROT.dgn



09/21
 10/10/2010
 IP: P:\P\100245\SE\GIP\ROOT.dgn



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. 2510+00 TO STA. 2525+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 5'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. PR-07	SHEET NO. 21 of 150
CONTRACT IR-33051	PROJECT 0902176	

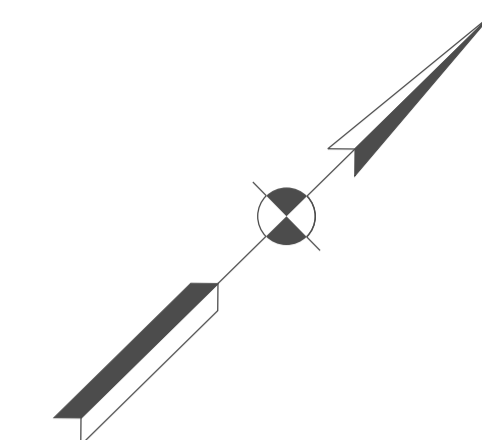
2525

2535

2540

BEGIN CONSTRUCTION
P.O.T. STA. 1596+23.50
"CR 1600 N"
OFFSET 10.54' LT.

SEC. 3, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVISS COUNTY



P.O.T. STA. 1595+00.00
"CR 1600 N"
N: 429576.64
E: 696283.86

ANN ELIZABETH LONG ET AL

SEC. 10, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVISS COUNTY

SPILL CONTAINMENT DAM
(SEE DWG. NO. MD-01)

PALMER HESHELMAN, ET UX

2530

P.O.T. STA. 1597+07.61 "CR 1600 N"
OFFSET 51.72' LT.

+57 "CR 1600 N",
CLASS V DRIVE,
W=12'

+82.00
189.21'

STR. NO. I-69-14-9436
DES. NO. 0902076
SB I-69 OVER VERTREES DITCH

P.O.T. STA. 2530+02.15 "A"
= P.O.T. STA. 1600+00.00 "CR 1600 N"

+38.00
185.00'

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

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

+51.00
191.34'

CONSTR. LIMITS

DO NOT
DISTURB
VERTREES
DITCH

SPILL CONTAINMENT DAM
(SEE DWG. NO. MD-01)

CONSTR. LIMITS

10'
11'
GUARDRAIL
I-69 (SOUTHBOUND LANES)

10'
11'
GUARDRAIL
I-69 (SOUTHBOUND LANES)

I-69 (SOUTHBOUND LANES)

2525+00 LINE "A" 2530+00

2530+00 2535+00

2535+00 LINE "A" 2540+00

6'
GUARDRAIL
I-69 (NORTHBOUND LANES)

6'
GUARDRAIL
I-69 (NORTHBOUND LANES)

I-69 (NORTHBOUND LANES)

11'
GUARDRAIL

11'
GUARDRAIL

CONSTR. LIMITS

STR. NO. I-69-14-9435
DES. NO. 0902075
NB I-69 OVER VERTREES DITCH

CONSTR. LIMITS

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

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

SPILL CONTAINMENT DAM
(SEE DWG. NO. MD-01)

+89.00
186.26'

+82 "CR 1600 N",
CLASS V DRIVE,
W=12'

+53.00
301.77'

+21.00
340.00'

+53 "CR 1600 N",
CLASS V DRIVE,
W=12'

+21.00
340.00'

+45.13
315.00'

+25.7
279.1'-36 Ash

+73.2
218.4'-24 CMP

+86.7
229.1'-24 CMP

+96.0
241.2'-12 Maple

+101.4
263.7'-40 TWIN-Ash

+57.2
18.9'-36 Ash

P.O.T. STA. 1603+21.97 "CR 1600 N"
OFFSET 7.01' LT.

+83.00
185.78'

+62 "CR 1600 N",
CLASS V DRIVE,
W=12'

+15.00
241.00'

+80.00
278.92'

END CONSTRUCTION
P.O.T. STA. 1603+94.42
"CR 1600 N"
OFFSET 6.71' LT.

P.O.T. STA. 1605+00.00

"CR 1600 N"

N: 429520.45

E: 697282.28

APP. R

APP. R

APP. R

APP. R

APP. R

APP. R

APP. R

APP. R

APP. R

APP. R

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.

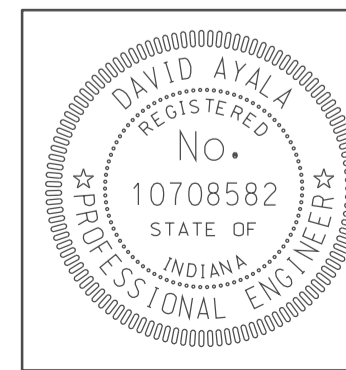
ANN ELIZABETH LONG ET AL

PALMER HESHELMAN, ET UX

PALMER HESHELMAN, ET UX

LEGEND

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



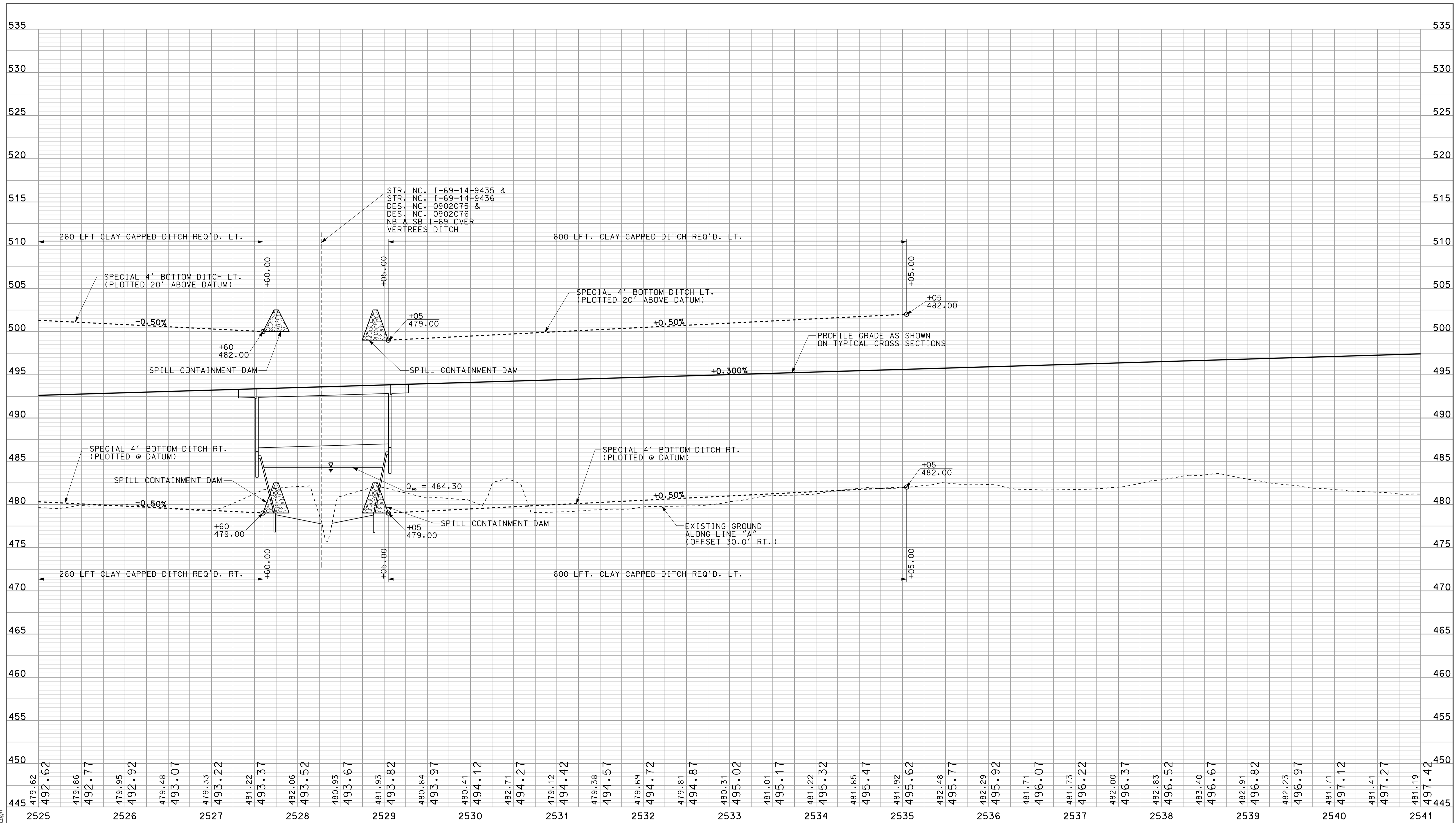
RECOMMENDED FOR APPROVAL		5/5/10
DESIGNED:	OCs	DRAWN: DH
CHECKED:	NOH	CHECKED: DMA

INDIANA
DEPARTMENT OF TRANSPORTATION

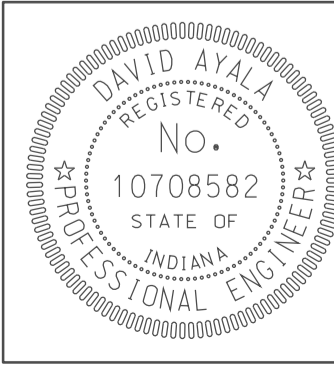
PLAN SHEET
LINE "A"
STA. 2525+00 TO STA. 2541+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-08	22 of 150
CONTRACT	PROJECT	
IR-33051	0902176	

09/21
IP: P:\P\2010\0245\SEG\0902176.dgn



09/21
 10/15/2010
 IP: P:\P\100245\SE\GIP\008.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 LINE "A"
 STA. 2525+00 TO STA. 2541+00

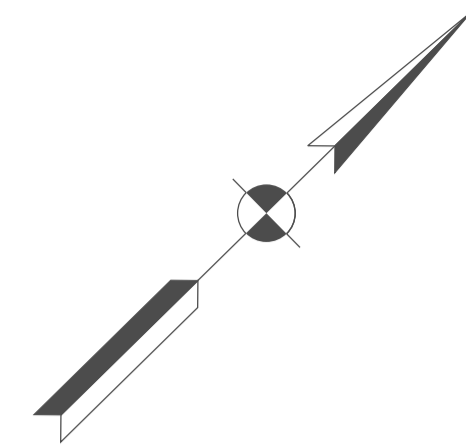
HORIZONTAL SCALE 1" = 50'		BRIDGE FILE	
VERTICAL SCALE 1" = 5'		DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. PR-08	SHEET NO. 23 of 150	
CONTRACT IR-33051	PROJECT 0902176		

SEC. 3, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVISS COUNTY

2545

2550

2555



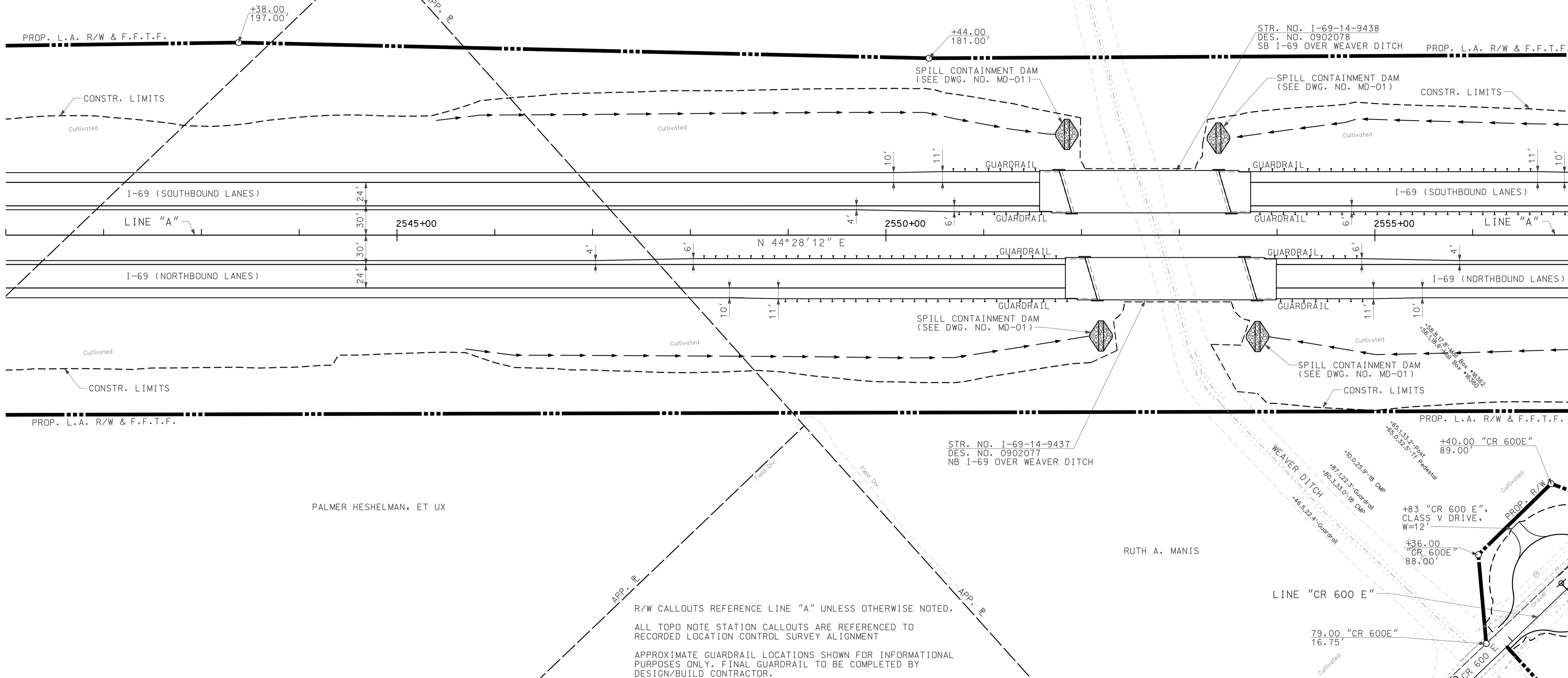
PALMER HESHELMAN, ET UX

PALMER HESHELMAN, ET UX

PALMER HESHELMAN, ET UX

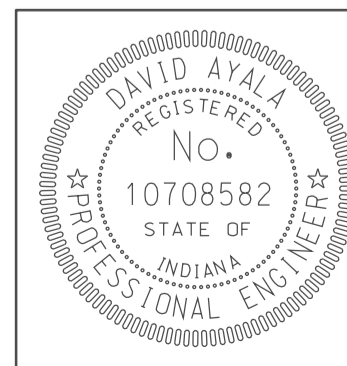
RUTH A. MANIS

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

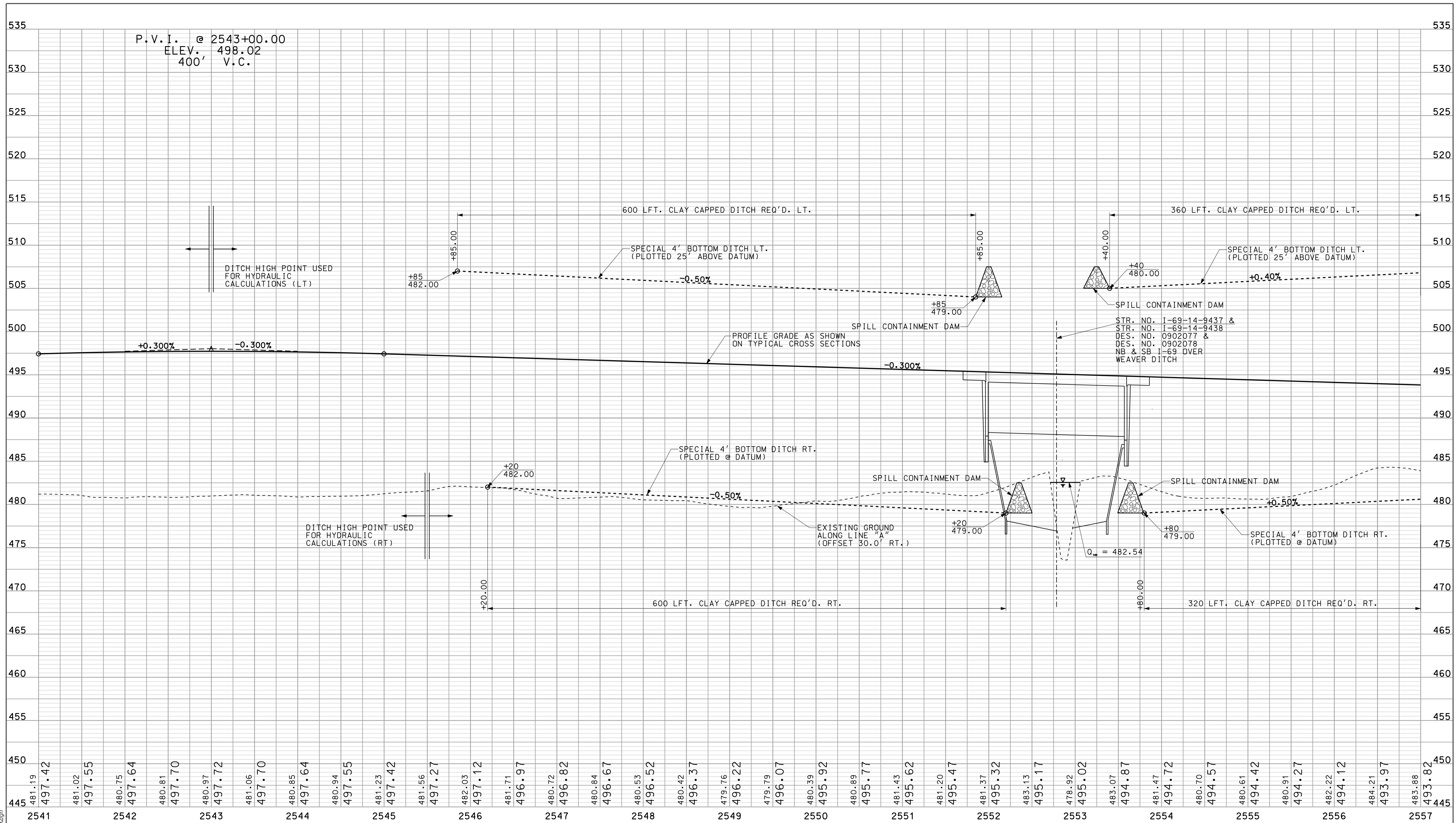


RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

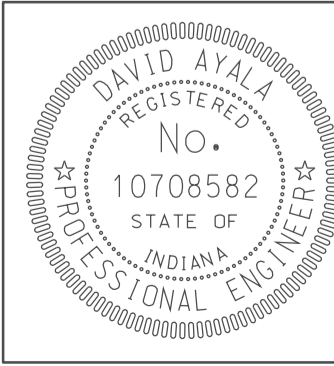
INDIANA
DEPARTMENT OF TRANSPORTATION
PLAN SHEET
LINE "A"
STA. 2541+00 TO STA. 2557+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-09	24 of 150
CONTRACT	PROJECT	
IR-33051	0902176	

09/21
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 09/21



09/21
 10/10/2010
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RECOMMENDED FOR APPROVAL
 DESIGN ENGINEER
 DATE 5/5/10

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

INDIANA
 DEPARTMENT OF TRANSPORTATION

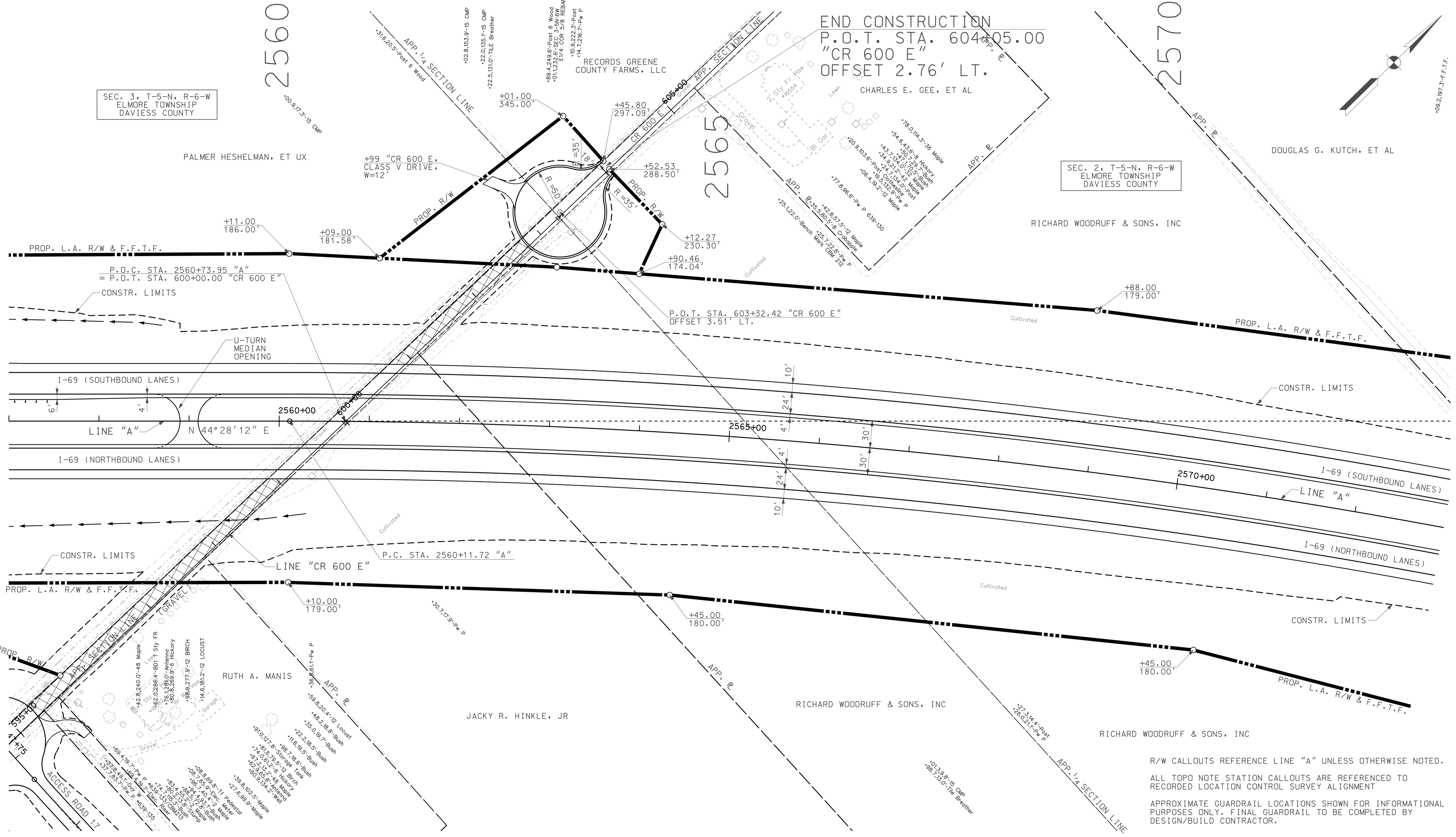
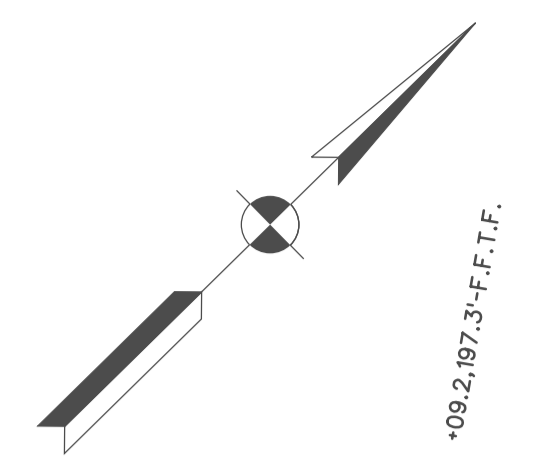
PROFILE SHEET
 LINE "A"
 STA. 2541+00 TO STA. 2557+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE 1" = 5'	DESIGNATION 0902176
SURVEY BOOK	DWG. NO. PR-09
CONTRACT IR-33051	SHEET NO. 25 of 150
	PROJECT 0902176

SEC. 3, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVISS COUNTY

SEC. 2, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVISS COUNTY

END CONSTRUCTION
P.O.T. STA. 604+05.00
"CR 600 E"
OFFSET 2.76' LT.

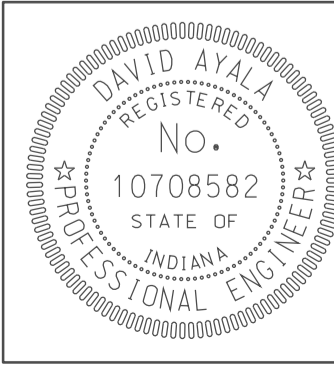


R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.
ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO RECORDED LOCATION CONTROL SURVEY ALIGNMENT
APPROXIMATE GUARDRAIL LOCATIONS SHOWN FOR INFORMATIONAL PURPOSES ONLY. FINAL GUARDRAIL TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

09/22
IP: P:\P\600245\SEG\BPO04.dgn

LEGEND

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



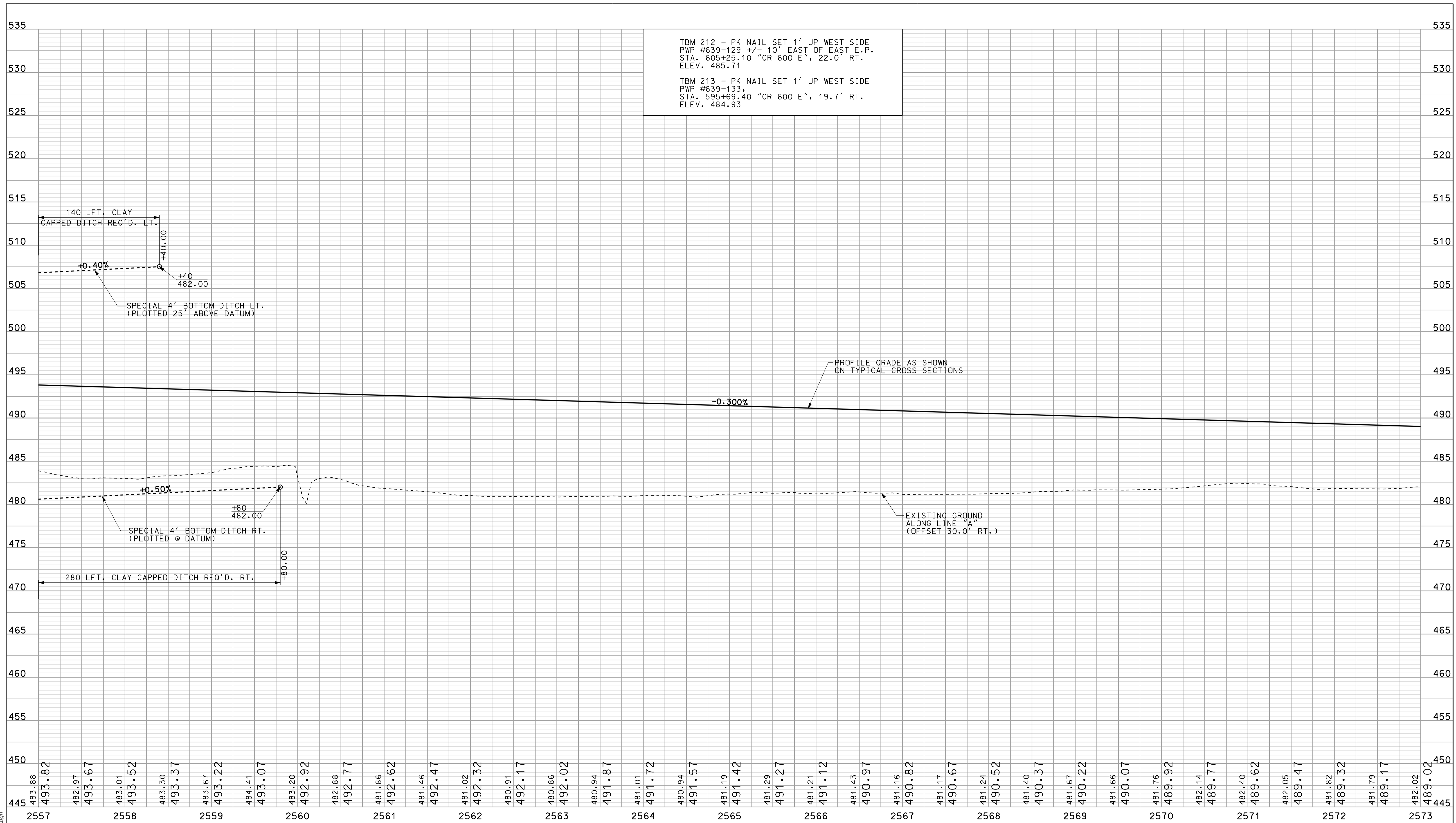
RECOMMENDED FOR APPROVAL	<i>com jg</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA
DEPARTMENT OF TRANSPORTATION
PLAN SHEET
LINE "A"
STA. 257+00 TO STA. 253+00

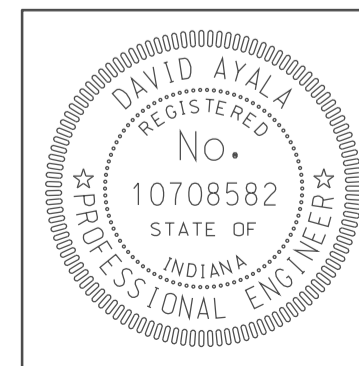
HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-10	26 of 150
CONTRACT	PROJECT	
IR-33051	0902176	

TBM 212 - PK NAIL SET 1' UP WEST SIDE
PWP #639-129 +/- 10' EAST OF EAST E.P.
STA. 605+25.10 "CR 600 E", 22.0' RT.
ELEV. 485.71

TBM 213 - PK NAIL SET 1' UP WEST SIDE
PWP #639-133.
STA. 595+69.40 "CR 600 E", 19.7' RT.
ELEV. 484.93



APR 25 2010
IP_PWP-60024555-SEG1P010.dgn
09:22



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. 2557+00 TO STA. 2573+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 5'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. PR-10	SHEET NO. 27 of 150
CONTRACT IR-33051	PROJECT 0902176	

SEC. 2, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVIESS COUNTY

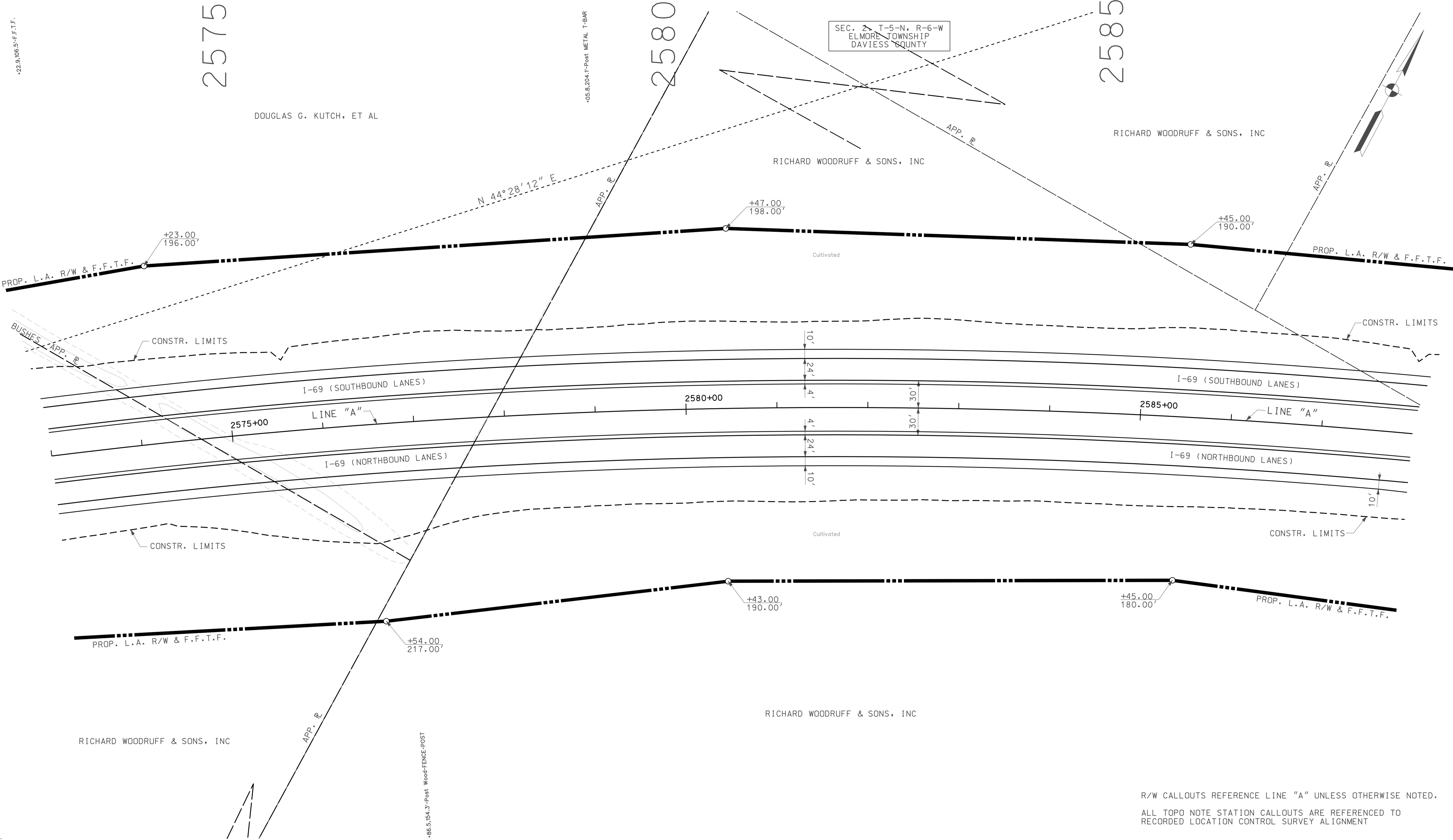
DOUGLAS G. KUTCH, ET AL

RICHARD WOODRUFF & SONS, INC

RICHARD WOODRUFF & SONS, INC

RICHARD WOODRUFF & SONS, INC

RICHARD WOODRUFF & SONS, INC

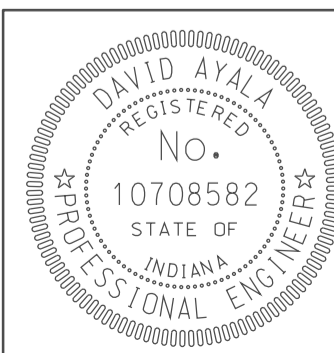


R/W CALLOUTS REFERENCE LINE "A" UNLESS OTHERWISE NOTED.

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

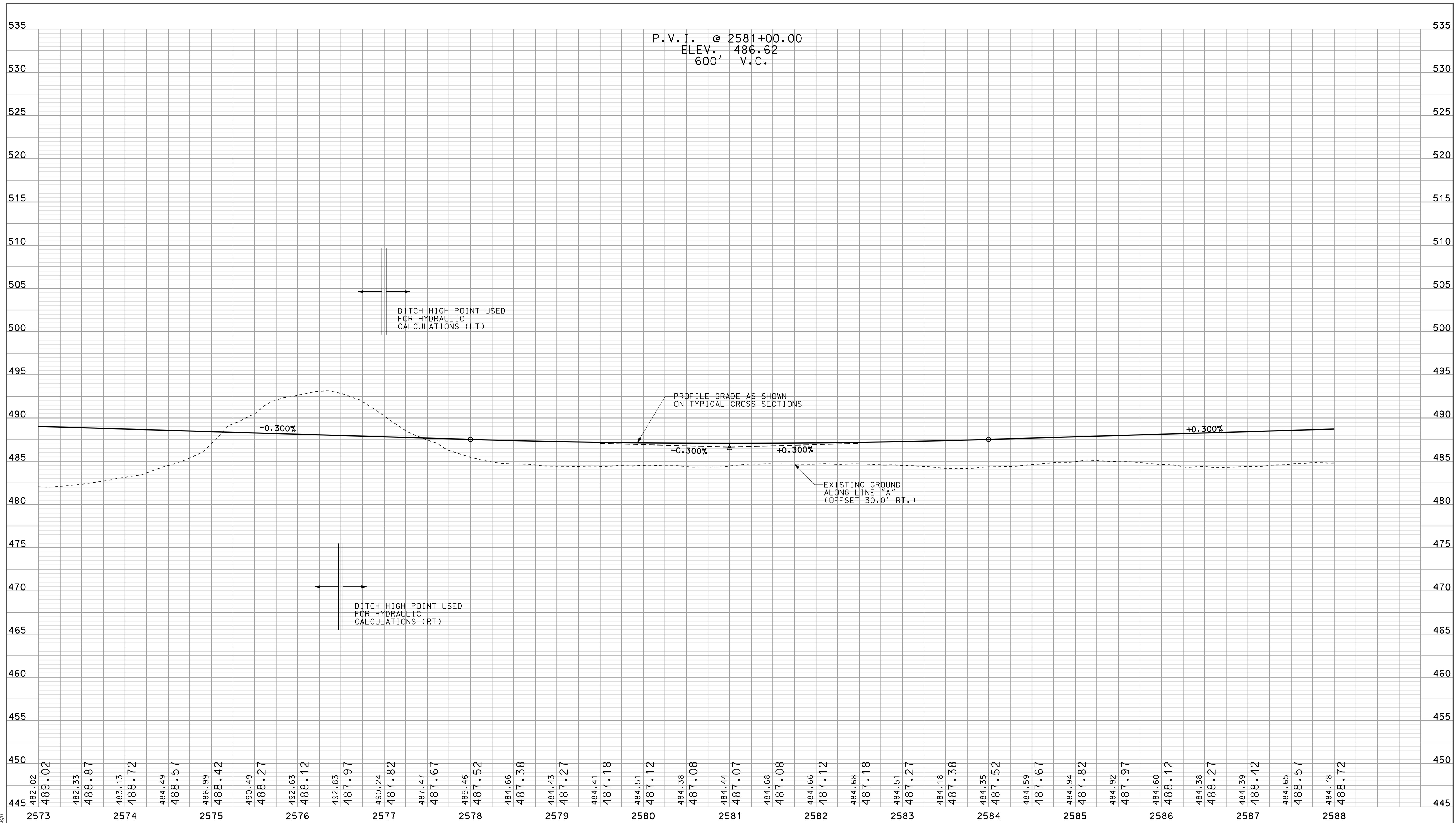


RECOMMENDED FOR APPROVAL	<i>com jg</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

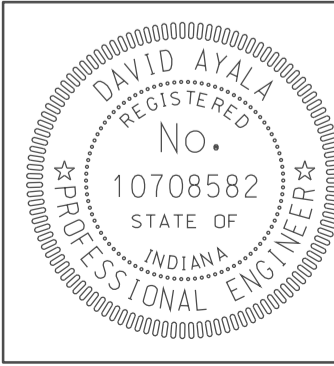
INDIANA
DEPARTMENT OF TRANSPORTATION
PLAN SHEET
LINE "A"
STA. 2573+00 TO STA. 2588+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	PN-11	28 of 150
	PROJECT	
	0902176	

09/22
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09/22
 10/05/2010
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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. 2573+00 TO STA. 2588+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 5'	DESIGNATION 0902176	
SURVEY BOOK IR-33051	DWG. NO. PR-11	SHEET NO. 29 of 150
	PROJECT 0902176	

2590

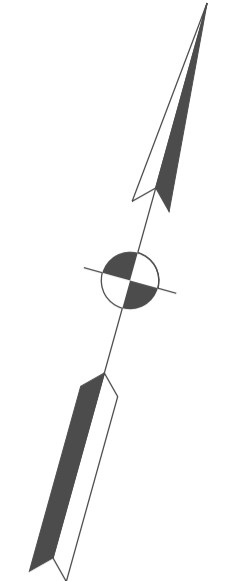
2595

2600

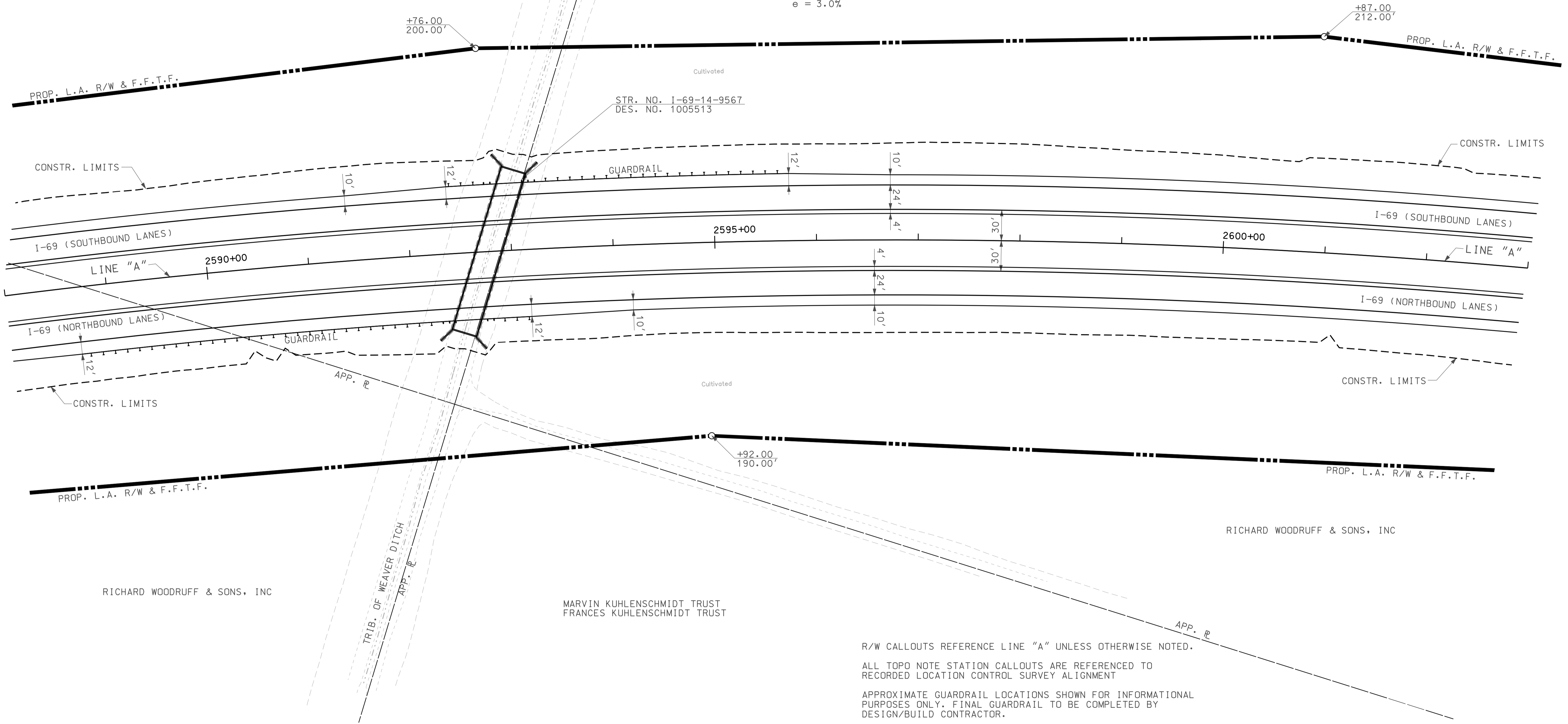
SEC. 2, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVISS COUNTY

RICHARD WOODRUFF & SONS, INC

RICHARD WOODRUFF & SONS, INC



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%



RICHARD WOODRUFF & SONS, INC

MARVIN KUHLENSCHMIDT TRUST
FRANCES KUHLENSCHMIDT TRUST

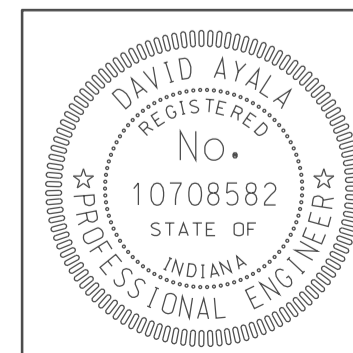
RICHARD WOODRUFF & SONS, INC

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



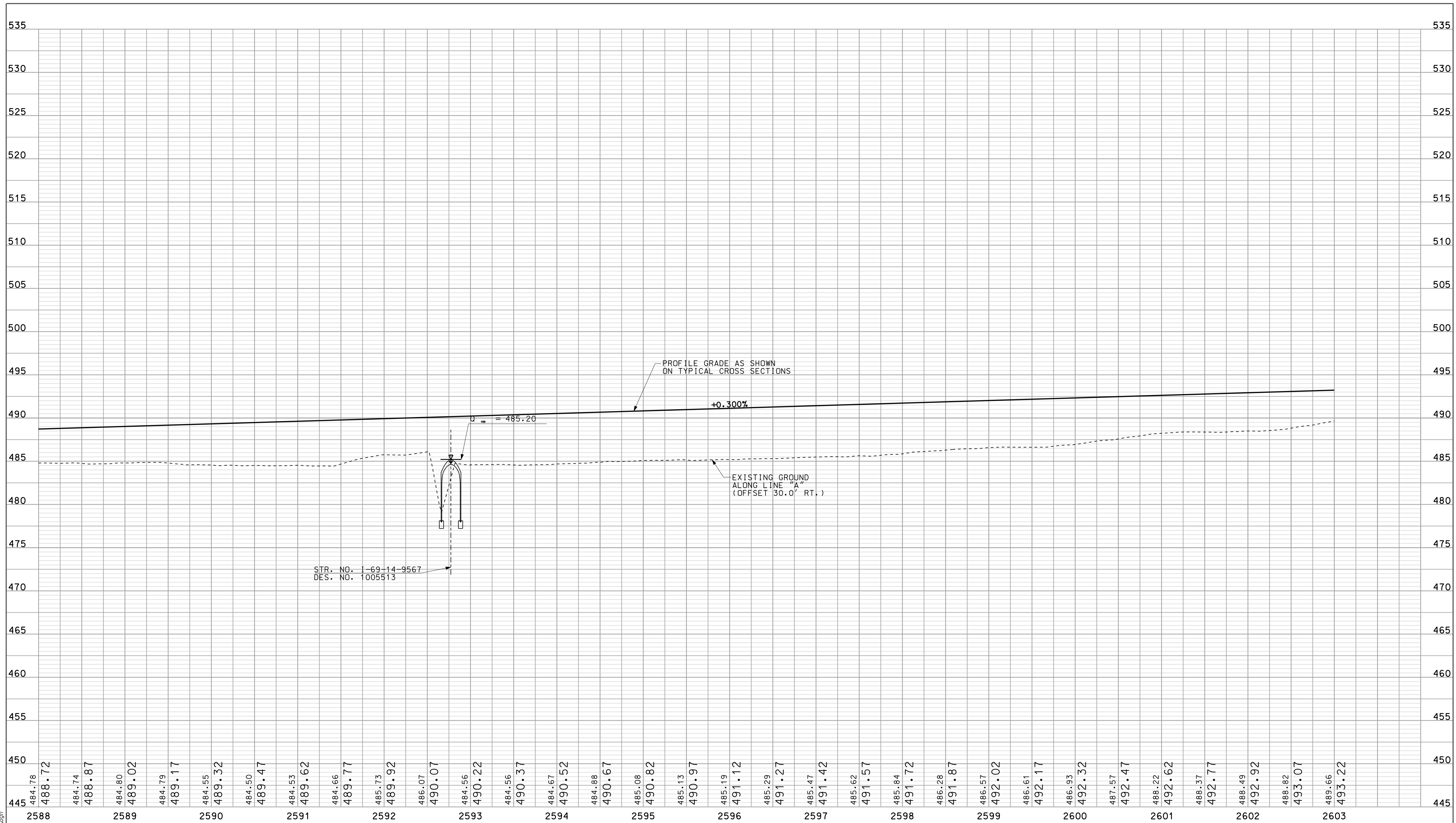
RECOMMENDED FOR APPROVAL	<i>em jo</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
LINE "A"
STA. 2588+00 TO STA. 2603+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-12	30 of 150
CONTRACT	PROJECT	
IR-33051	0902176	

09/22
IP: P:\P\14060245\SEG\0212.dgn



484.78	484.74	484.80	484.79	484.55	484.50	484.53	484.66	485.73	486.07	484.56	484.56	484.67	484.88	485.08	485.13	485.19	485.29	485.47	485.62	485.84	486.28	486.57	486.61	486.93	487.57	488.22	488.37	488.49	488.82	489.66
488.72	488.87	489.02	489.17	489.32	489.47	489.62	489.77	489.92	490.07	490.22	490.37	490.52	490.67	490.82	490.97	491.12	491.27	491.42	491.57	491.72	491.87	492.02	492.17	492.32	492.47	492.62	492.77	492.92	493.07	493.22
2588		2589		2590		2591		2592		2593		2594		2595		2596		2597		2598		2599		2600		2601		2602		2603

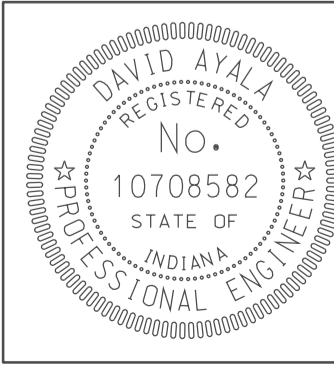
STR. NO. I-69-14-9567
DES. NO. 1005513

PROFILE GRADE AS SHOWN
ON TYPICAL CROSS SECTIONS

+0.300%

0.00 = 485.20

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



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. 2588+00 TO STA. 2603+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 5'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. PR-12	SHEET NO. 31 of 150
CONTRACT IR-33051	PROJECT 0902176	

09/22
 10/10/2010
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2605

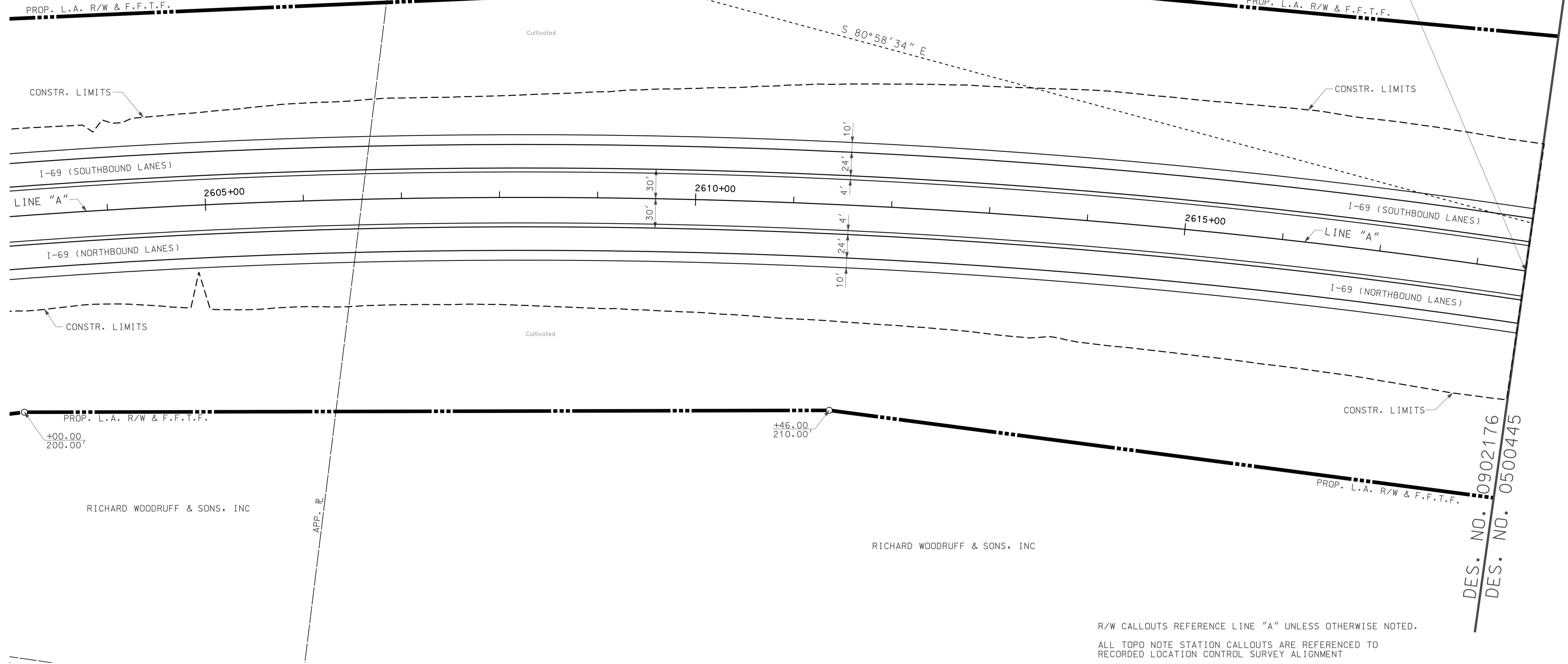
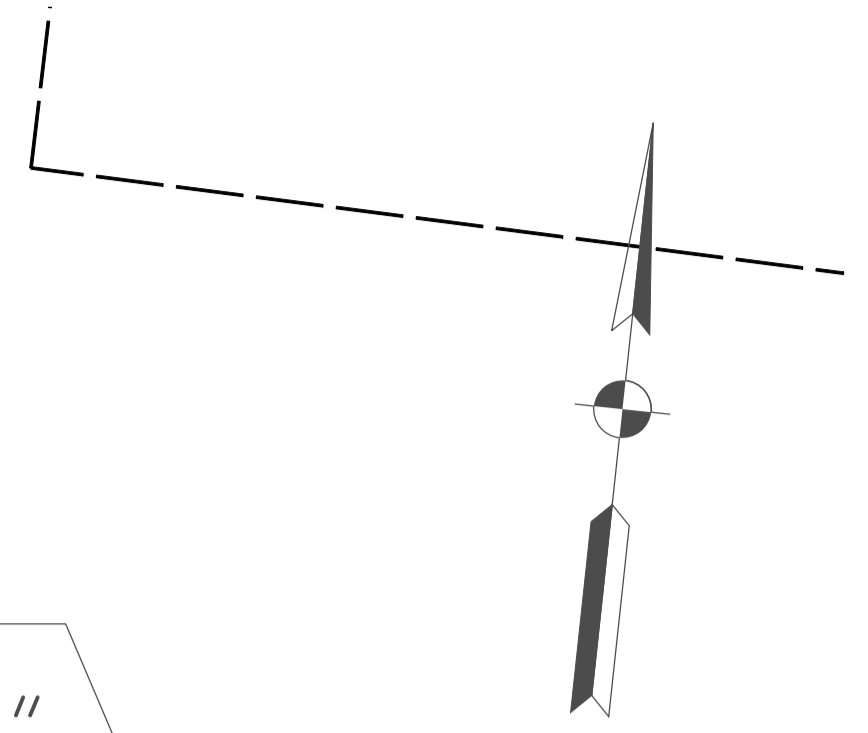
2610

2615

SEC. 2, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVISS COUNTY

RICHARD WOODRUFF & SONS, INC

END CONSTRUCTION
PROJECT NO. 0902176
P.O.C. STA. 2618+50.00 "A"
N: 433787.05
E: 704162.37



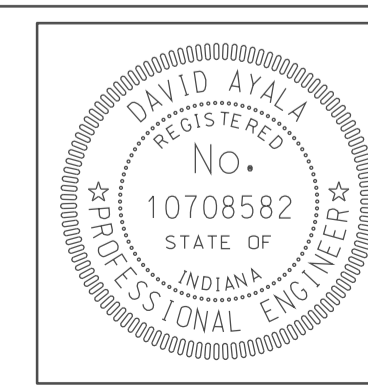
DES. NO. 0902176
DES. NO. 0500445

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

09/23
IP: P:\P\0902176\SE\0902176.dgn

LEGEND

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

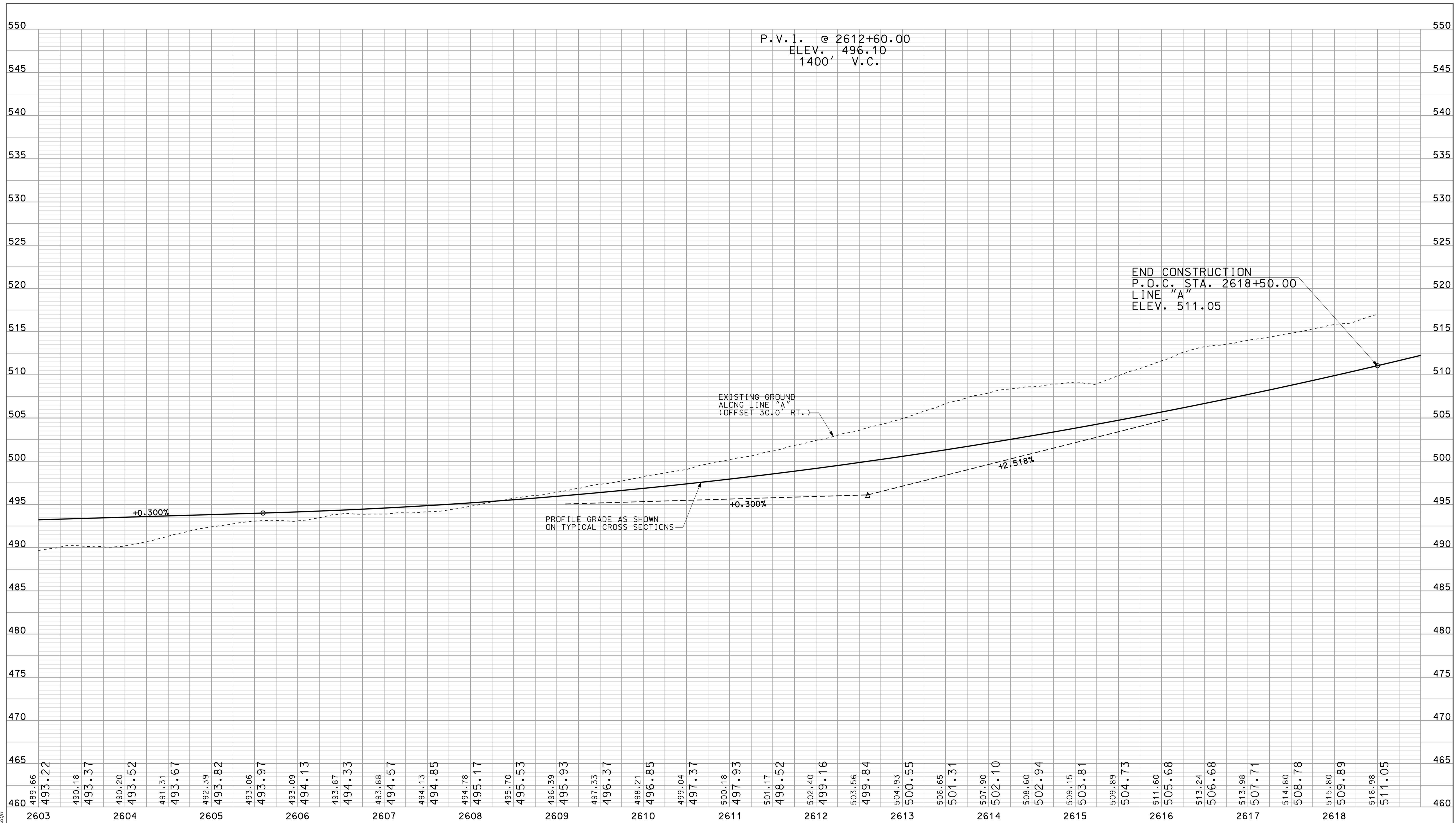


RECOMMENDED FOR APPROVAL		DATE	5/5/10
DESIGNED:	OCS	DRAWN:	DH
CHECKED:	NDH	CHECKED:	DMA

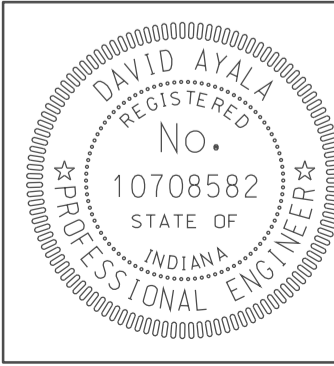
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
LINE "A"
STA. 2603+00 TO STA. 2618+50

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-13	32 of 150
CONTRACT	PROJECT	
IR-33051	0902176	



09/23
 09/23
 10/10/2010
 IP: P:\P\100245\SEG\PROJ3.dgn



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

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

INDIANA
 DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
 LINE "A"
 STA. 2603+00 TO STA. 2618+50

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 5'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. PR-13	SHEET NO. 33 of 150
CONTRACT IR-33051	PROJECT 0902176	

SEC. 9, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVISS COUNTY

SEC. 10, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVISS COUNTY

SEC. 16, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVISS COUNTY

SEC. 15, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVISS COUNTY

BEGIN CONSTRUCTION
PROJECT NO. 0902176
P.O.C. STA. 1487+08.86
"PR-CR 1500 N" =
O.P.O.T. STA. 1488+06.64,
274.84 LT. "CR 1500 N"
N: 424718.13
E: 693263.42

P.O.T. STA. 1486+96.55
"PR-CR 1500 N"
N: 424727.17
E: 693255.07

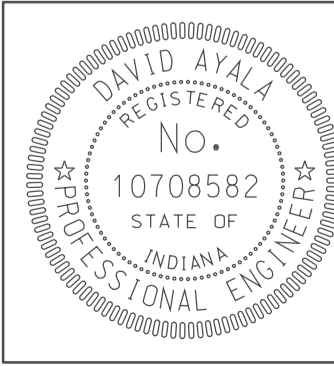
P.C. STA. 1489+49.28 "PR-CR 1500N"
= O.P.O.T. STA. 1489+77.75 "CR 1500 N"
OFFSET 105.94' LT.

CURVE DATA
P.I. STA. 1491+01.33 "PR-CR 1500 N"
 $\Delta = 44^{\circ}08'24"$ LT.
D = 15' 16" 44"
R = 375.00'
T = 152.04'
L = 288.89'
E = 29.65'
DS = 35 MPH
e = 4.0%

CURVE DATA
P.I. STA. 1496+77.47 "PR-CR 1500 N"
 $\Delta = 0^{\circ}19'17"$ RT.
NO CURVE RUN

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

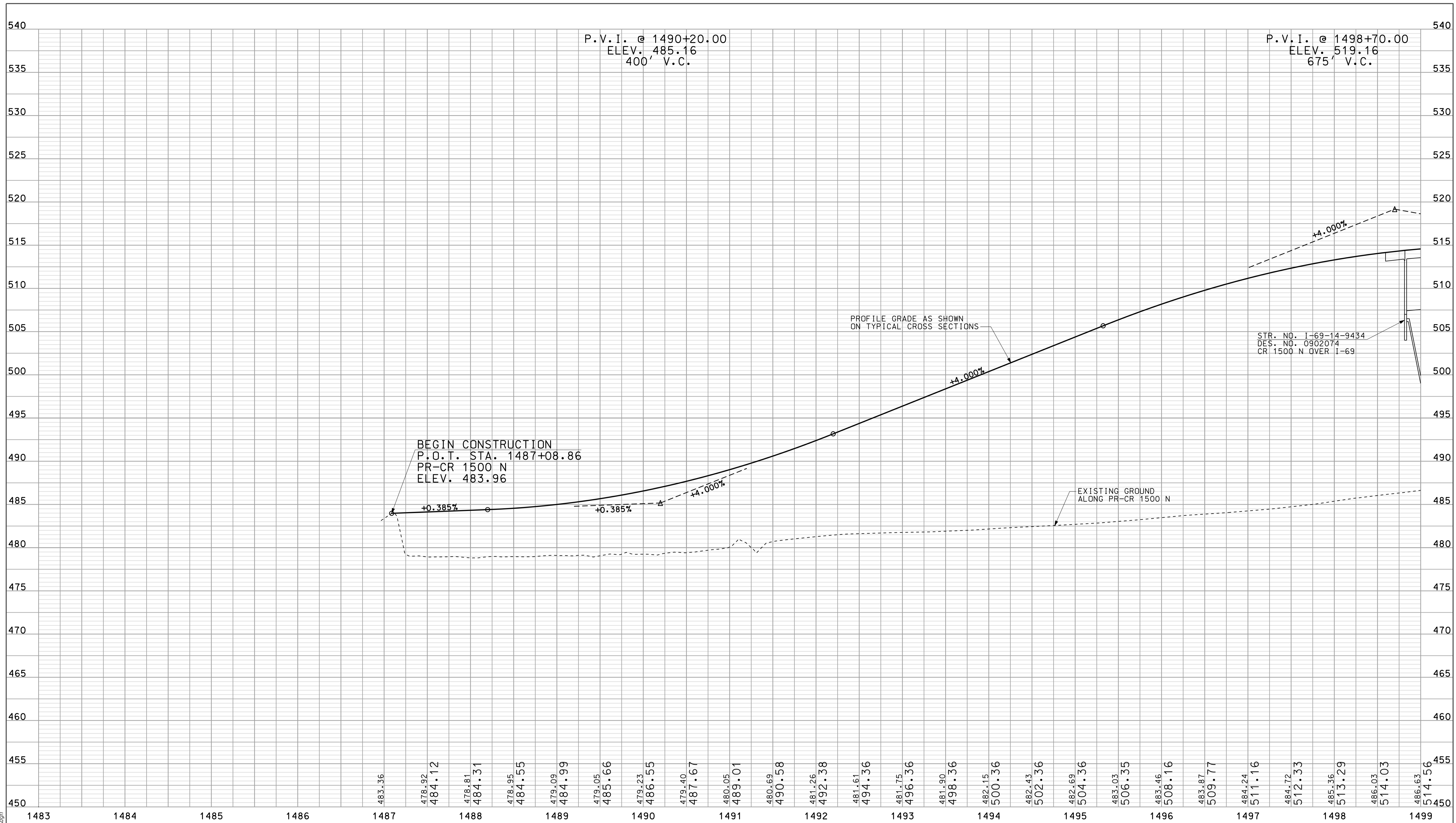


RECOMMENDED FOR APPROVAL		5/5/10
DESIGNED:	OCs	DRAWN: DH
CHECKED:	NOH	CHECKED: DMA

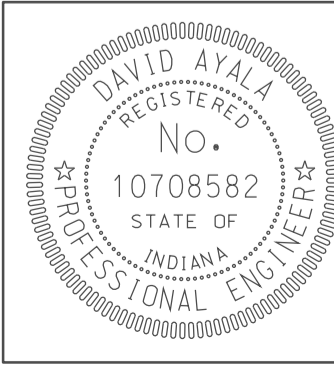
INDIANA
DEPARTMENT OF TRANSPORTATION
PLAN SHEET
CR 1500 N
STA. 1486+96 TO STA. 1499+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	PN-14	34 of 150
CONTRACT	PROJECT	
	0902176	

0902176
 IP: P:\P\1486+96 TO 1499+00\SEC16\04.dgn
 05/05/2010



09/23
 09/23
 10/10/2010
 IP_PWP-002455-SEG1P014.dgn



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

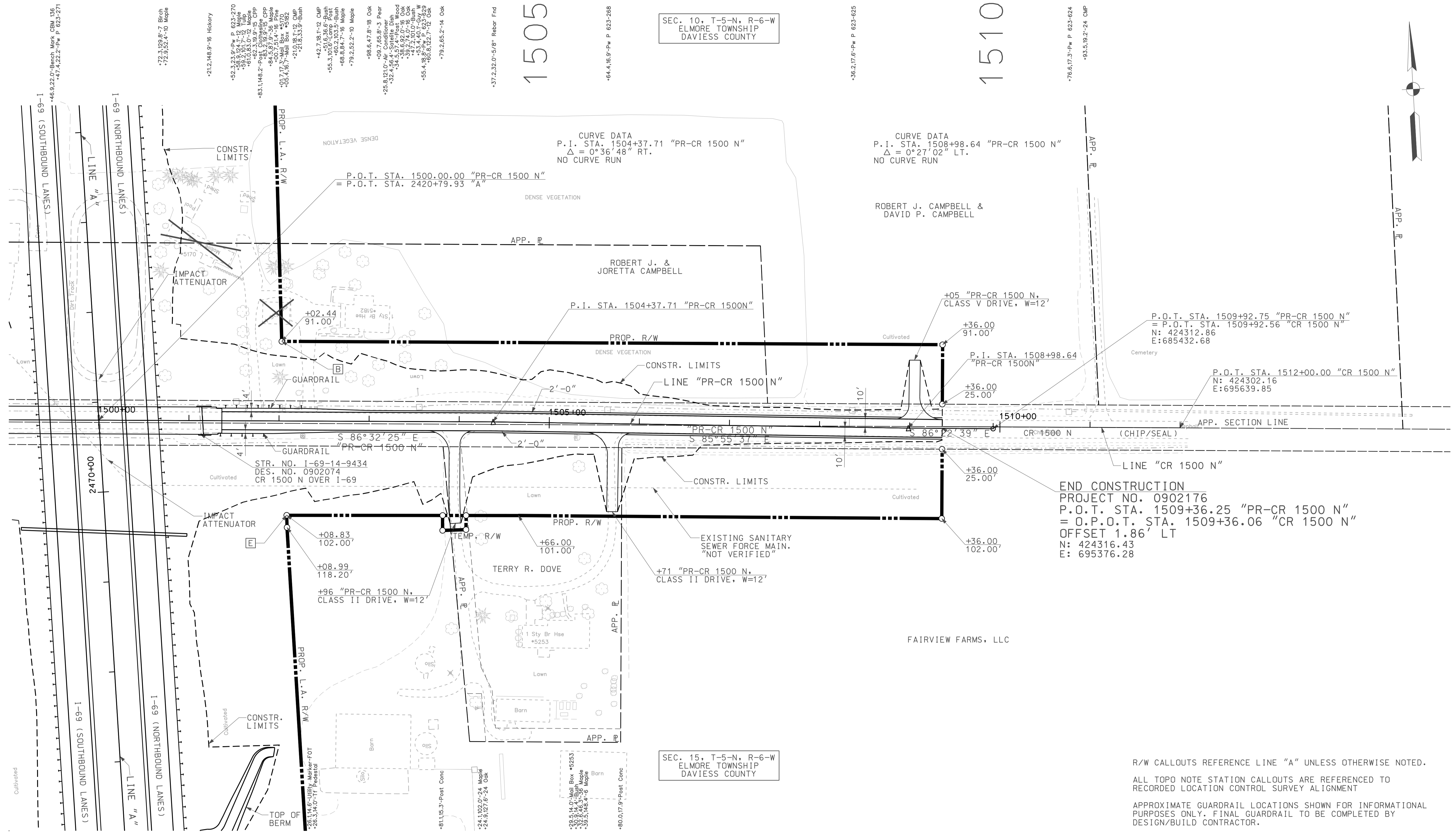
DESIGNED: OCS DRAWN: DH
 CHECKED: NDH CHECKED: DMA

INDIANA
 DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
 CR 1500 N
 STA. 1487+09 TO STA. 1499+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 5'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. PR-14	SHEET NO. 35 of 150
CONTRACT IR-33051	PROJECT 0902176	

0923
 09/23/2010
 IP: P:\P\1600245\SEG\09015.dgn

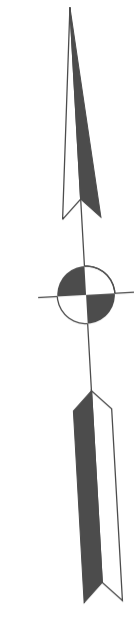


SEC. 10, T-5-N, R-6-W
 ELMORE TOWNSHIP
 DAVIESS COUNTY

SEC. 15, T-5-N, R-6-W
 ELMORE TOWNSHIP
 DAVIESS COUNTY

1505

1510

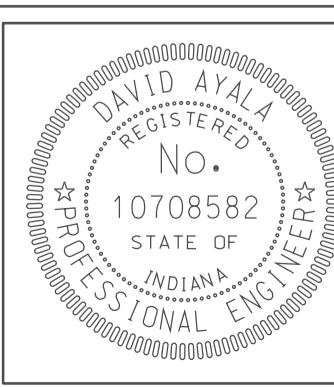


END CONSTRUCTION
 PROJECT NO. 0902176
 P.O.T. STA. 1509+36.25 "PR-CR 1500 N"
 = O.P.O.T. STA. 1509+36.06 "CR 1500 N"
 OFFSET 1.86' LT
 N: 424316.43
 E: 695376.28

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

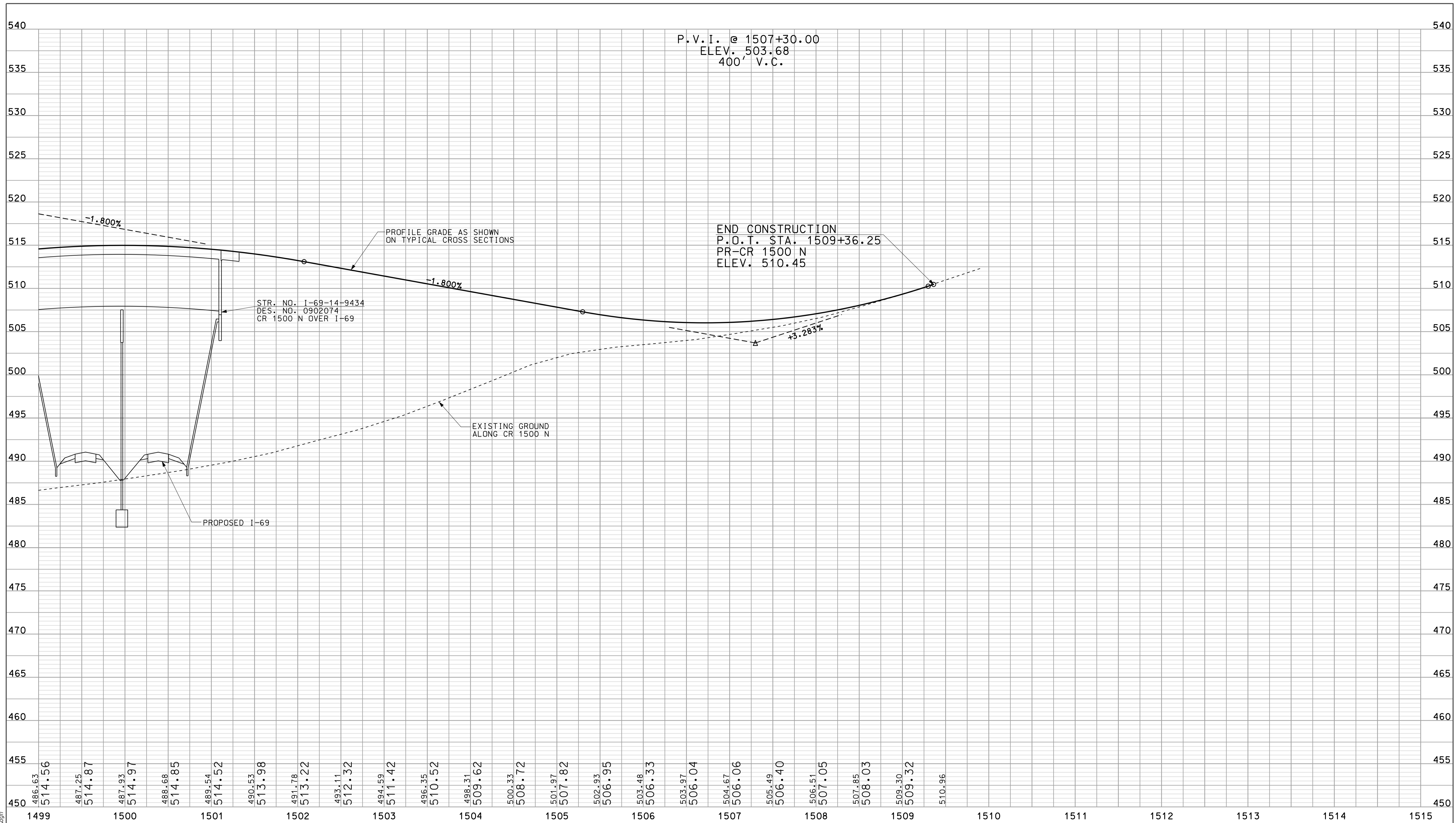
	BUILDING REMOVAL
	BEGIN L.A. R/W
	END L.A. R/W
	REMOVE EXISTING ROADWAY



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

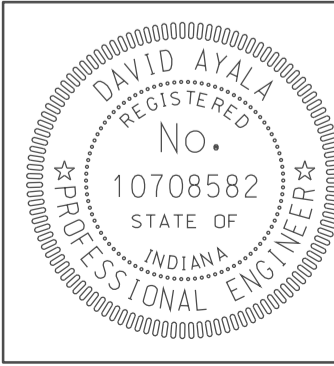
INDIANA
 DEPARTMENT OF TRANSPORTATION
 PLAN SHEET
 CR 1500 N
 STA. 1499+00 TO STA. 1510+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	PN-15	36 of 150
	PROJECT	0902176



09/24
 0902176
 1509+36.25
 I-69
 0902176

486.63	487.25	487.93	488.68	489.54	490.53	491.78	493.11	494.59	496.35	498.31	500.33	501.97	502.93	503.48	503.97	504.67	505.49	506.51	507.85	509.30	510.96						
514.56	514.87	514.97	514.85	514.52	513.98	513.22	512.32	511.42	510.52	509.62	508.72	507.82	506.95	506.33	506.04	506.06	506.40	507.05	508.03	509.32							
1499		1500		1501		1502		1503		1504		1505		1506		1507		1508		1509		1510	1511	1512	1513	1514	1515



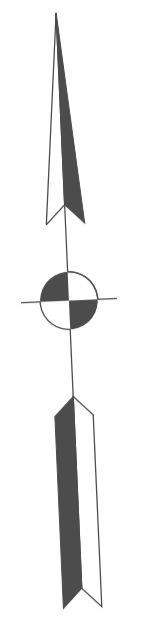
RECOMMENDED FOR APPROVAL: *David Ayala*
 DESIGN ENGINEER DATE: 5/5/10
 DESIGNED: OCS DRAWN: DH
 CHECKED: NDH CHECKED: DMA

INDIANA DEPARTMENT OF TRANSPORTATION
 PROFILE SHEET
 CR 1500 N
 STA. 1499+00 TO STA. 1509+36

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 5'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. PR-15	SHEET NO. 37 of 150
CONTRACT IR-33051	PROJECT 0902176	

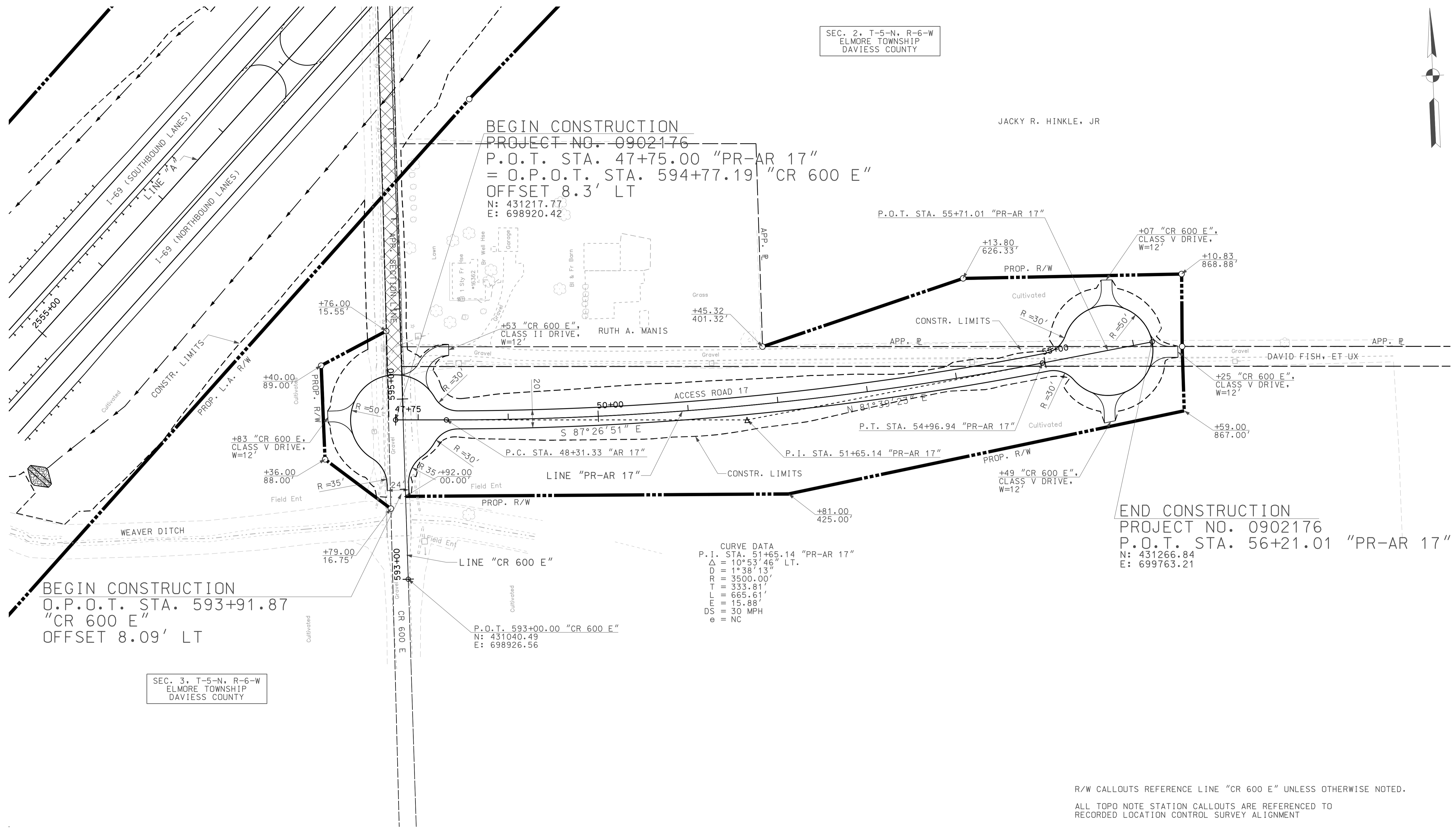
SEC. 2, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVISS COUNTY

JACKY R. HINKLE, JR



BEGIN CONSTRUCTION
PROJECT NO. 0902176
P.O.T. STA. 47+75.00 "PR-AR 17"
= O.P.O.T. STA. 594+77.19 "CR 600 E"
OFFSET 8.3' LT
N: 431217.77
E: 698920.42

END CONSTRUCTION
PROJECT NO. 0902176
P.O.T. STA. 56+21.01 "PR-AR 17"
N: 431266.84
E: 699763.21



BEGIN CONSTRUCTION
O.P.O.T. STA. 593+91.87
"CR 600 E"
OFFSET 8.09' LT

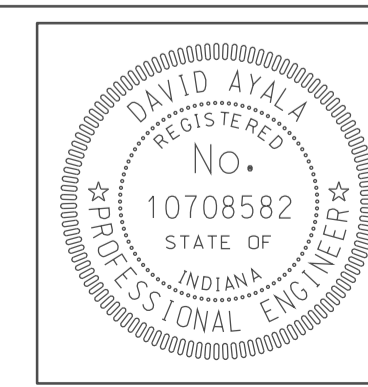
SEC. 3, T-5-N, R-6-W
ELMORE TOWNSHIP
DAVISS COUNTY

R/W CALLOUTS REFERENCE LINE "CR 600 E" UNLESS OTHERWISE NOTED.
ALL TOPO NOTE STATION CALLOUTS ARE REFERENCED TO RECORDED LOCATION CONTROL SURVEY ALIGNMENT

09/24
IP: P:\P\161600245\SEG\EP016.dgn

LEGEND

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

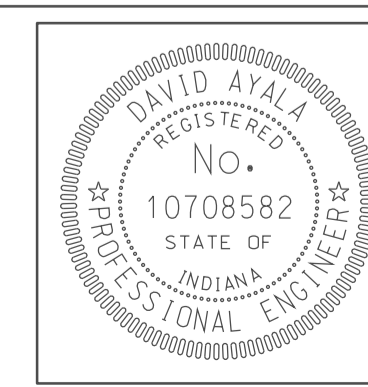
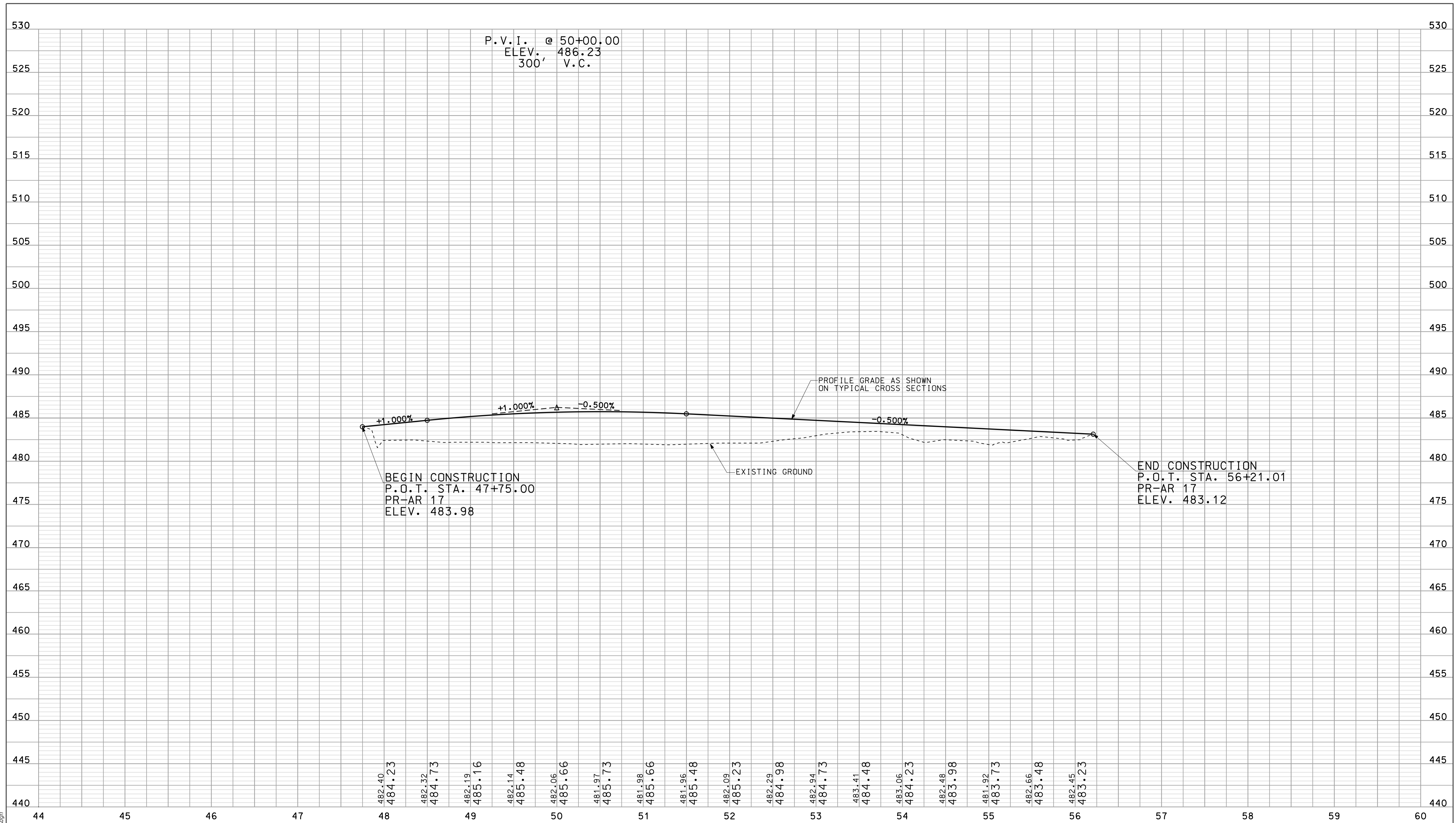


RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	DESIGN ENGINEER	DATE
DESIGNED:	OCs	DRAWN:	DH
CHECKED:	NOH	CHECKED:	DMA

INDIANA
DEPARTMENT OF TRANSPORTATION
PLAN SHEET
ACCESS ROAD 17
STA. 47+75 TO STA. 56+21

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
	0902176
SURVEY BOOK	DWG. NO. SHEET NO.
	PN-16 38 of 150
CONTRACT	PROJECT
IR-33051	0902176

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

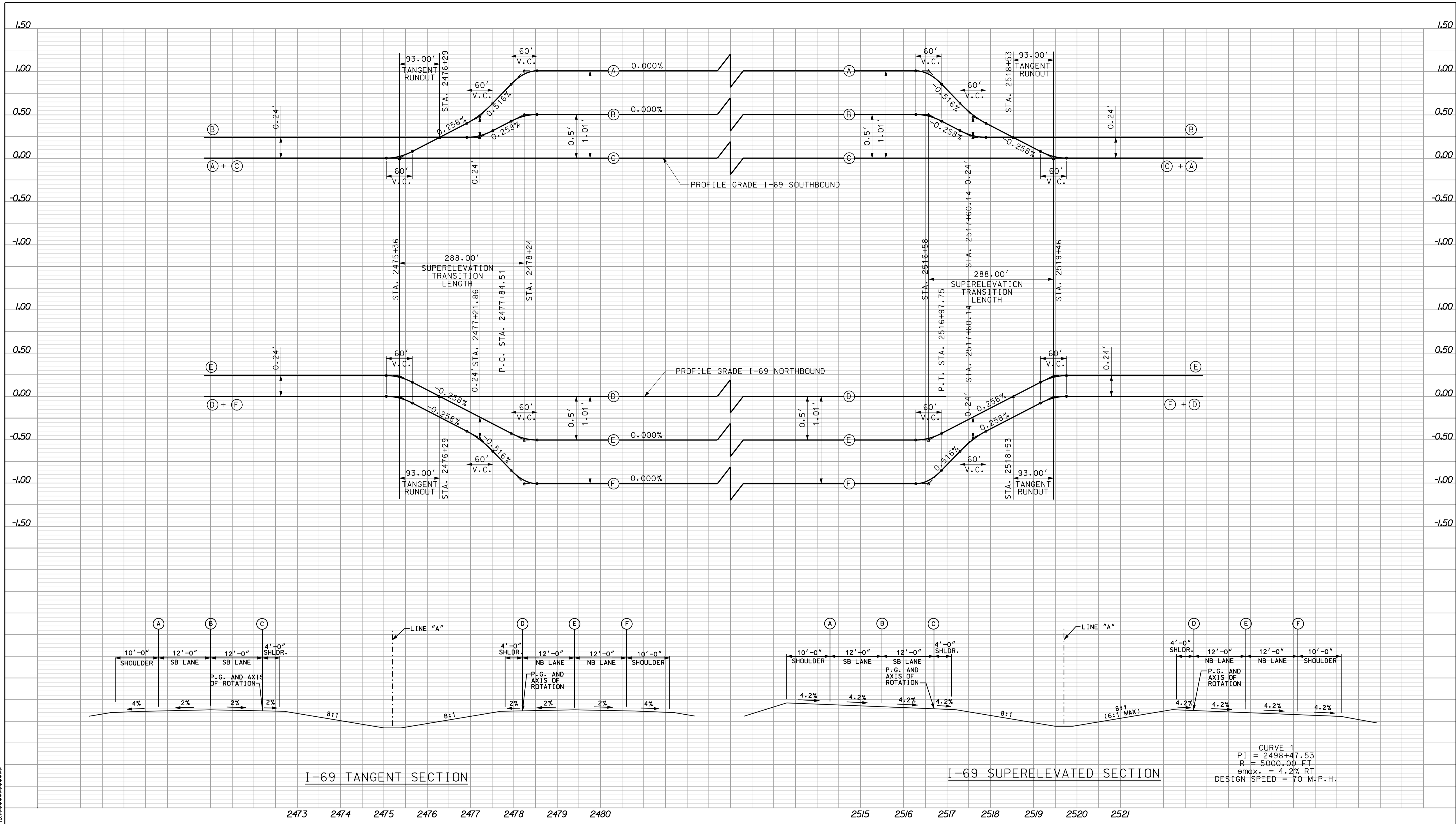
DESIGNED: OCS DRAWN: DH

CHECKED: NDH CHECKED: DMA

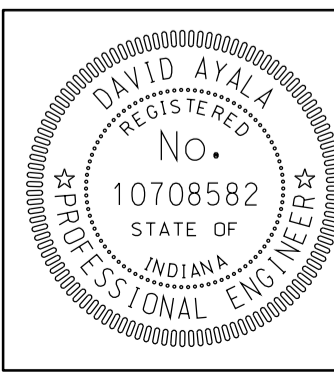
INDIANA DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
ACCESS ROAD 17
STA. 47+75 TO STA. 56+21

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE 1" = 5'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. PR-16	SHEET NO. 39 of 150
CONTRACT IR-33051	PROJECT 0902176	



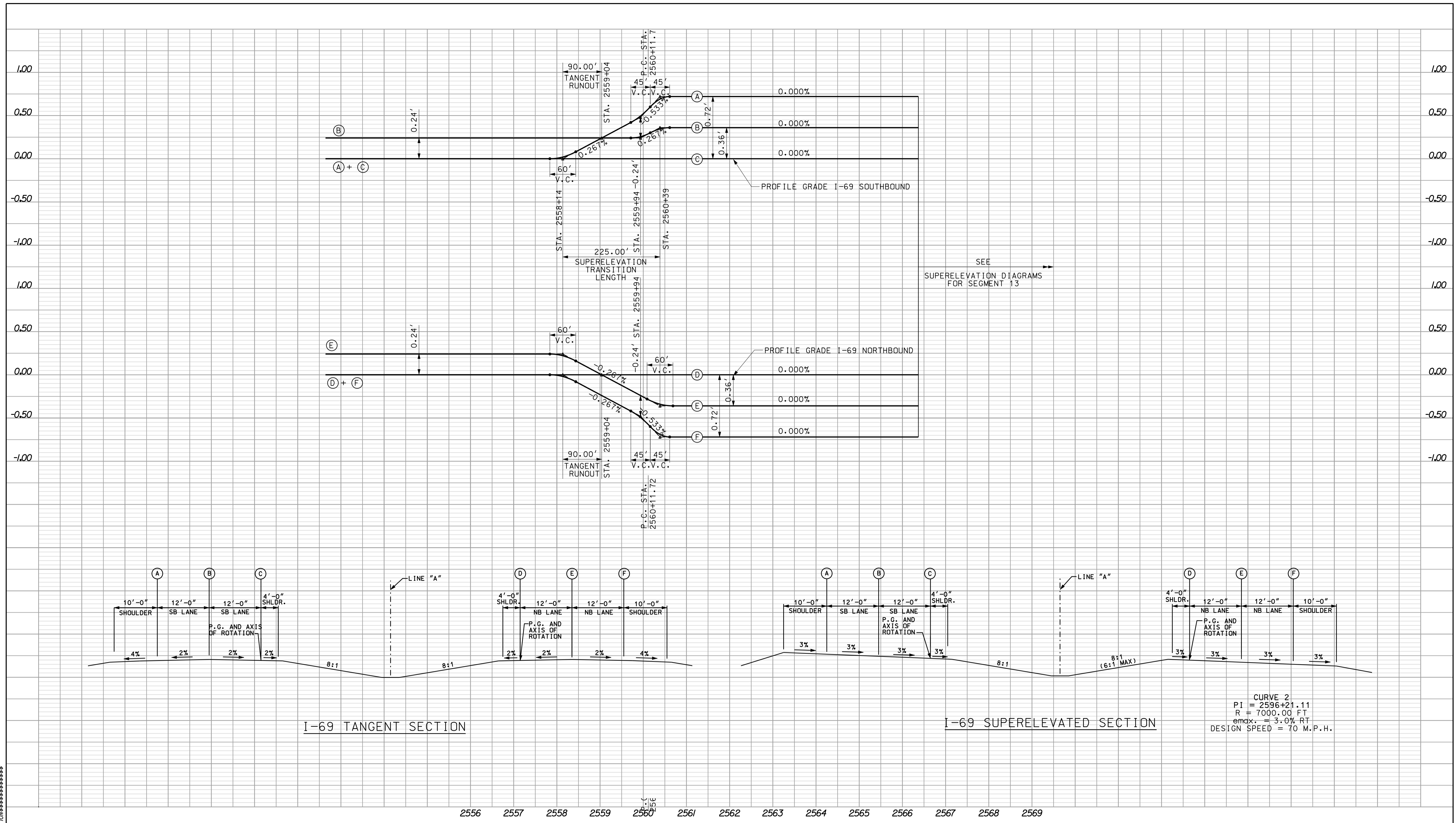
0924
 *****CONSISTENT SPECIFICATION*****



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

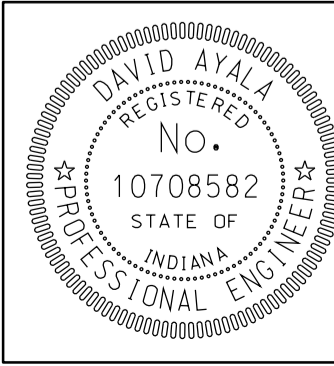
INDIANA DEPARTMENT OF TRANSPORTATION
 SUPERELEVATION DETAIL
 LINE "A"

HORIZONTAL SCALE 1" = 100'	BRIDGE FILE
VERTICAL SCALE 1" = 0.5'	DESIGNATION 0902176
SURVEY BOOK	DWG. NO. SHEET NO.
CONTRACT IR-33051	SE-01 40 of 150 PROJECT 0902176



CURVE 2
 PI = 2596+21.11
 R = 7000.00 FT
 emax = 3.0% RT
 DESIGN SPEED = 70 M.P.H.

0924
 *****CONSOLIDATION*****
 *****CONSOLIDATION*****



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

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

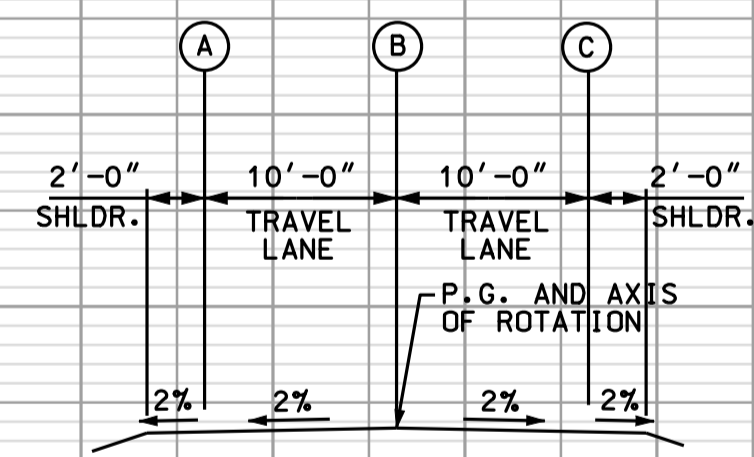
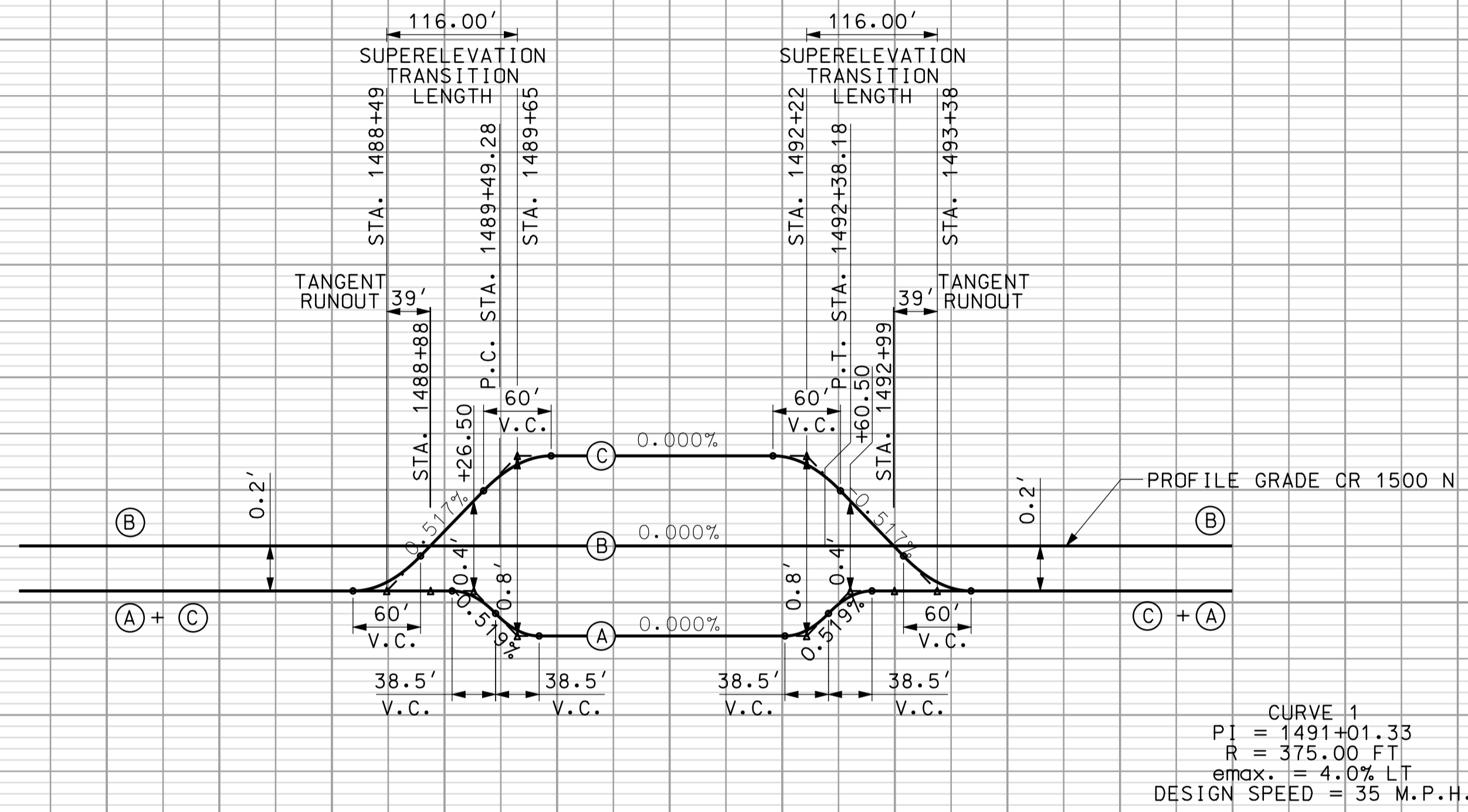
INDIANA DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DETAIL
 LINE "A"

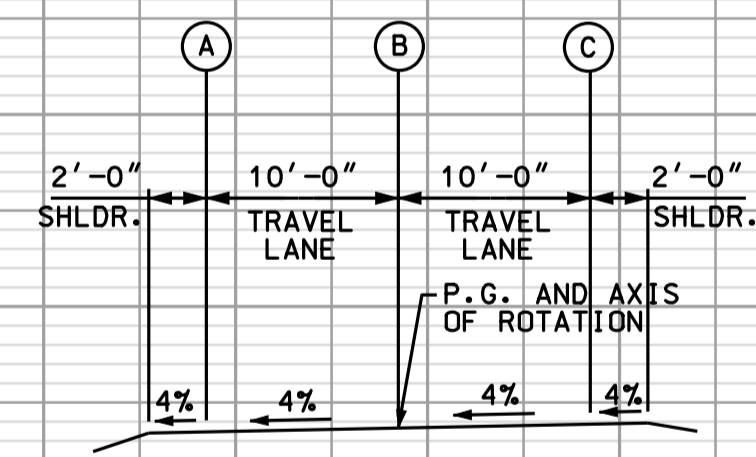
HORIZONTAL SCALE 1" = 100'	BRIDGE FILE
VERTICAL SCALE 1" = 0.5'	DESIGNATION 0902176
SURVEY BOOK	DWG. NO. SHEET NO.
CONTRACT IR-33051	SE-02 41 of 150 PROJECT 0902176

1.00
0.50
0.00
-0.50
-1.00

1.00
0.50
0.00
-0.50
-1.00



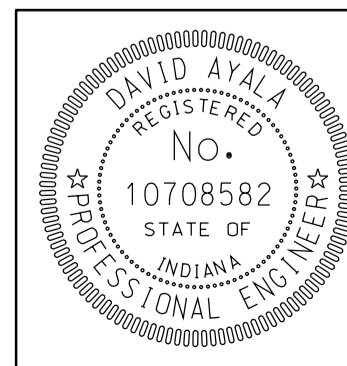
CR 1500N TANGENT SECTION



CR 1500N SUPERELEVATED SECTION

1486 1487 1488 1489 1490 1491 1492 1493 1494 1495 1496

*****0924
 *****CONSISTENT SPECIFICATION*****

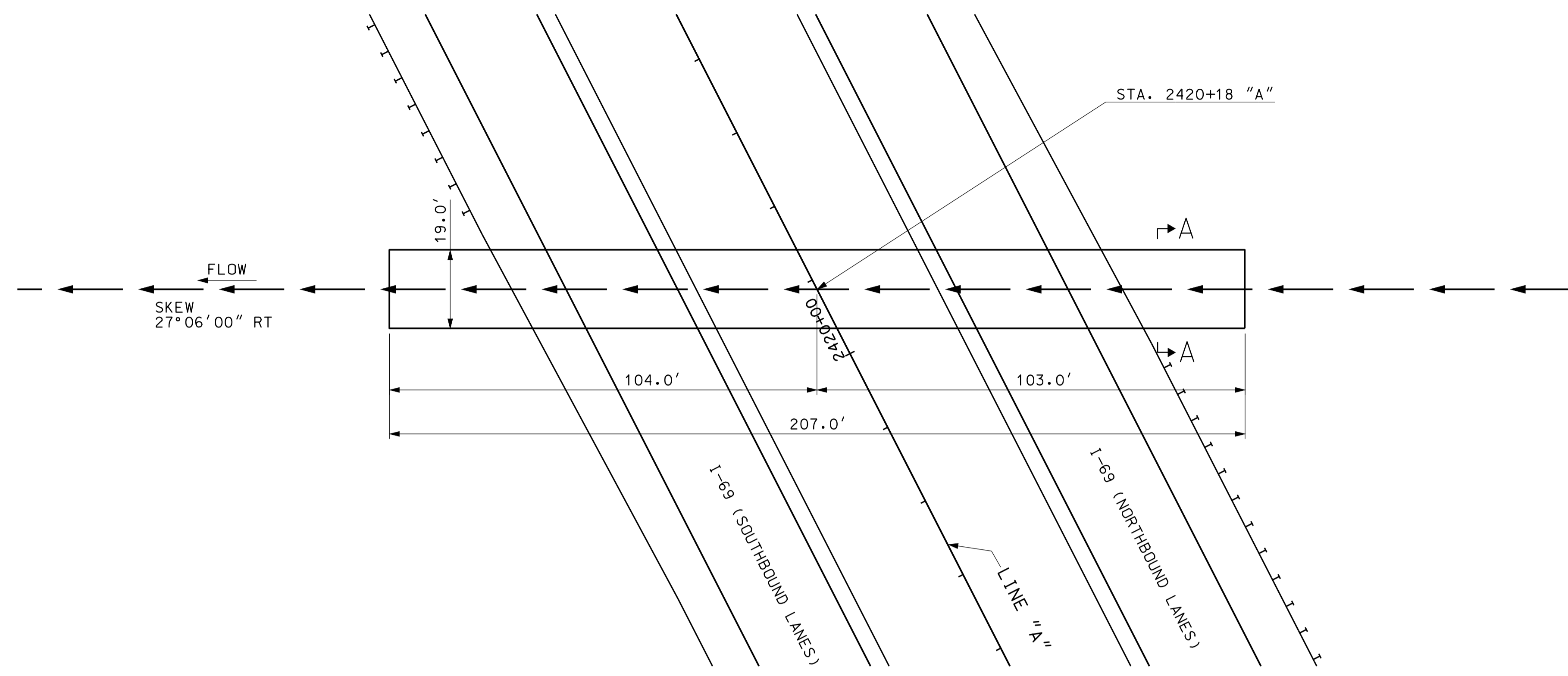
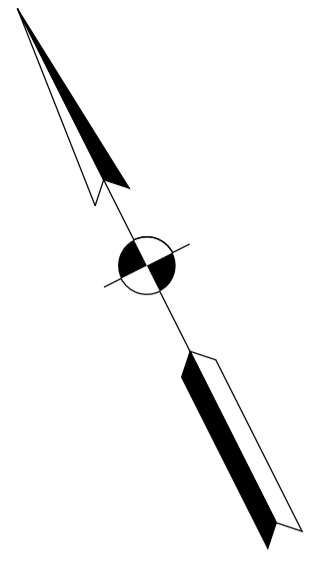


RECOMMENDED FOR APPROVAL	<i>em jo</i>	5/5/10
	DESIGN ENGINEER	DATE
DESIGNED: OCS	DRAWN: DH	
CHECKED: NDH	CHECKED: DMA	

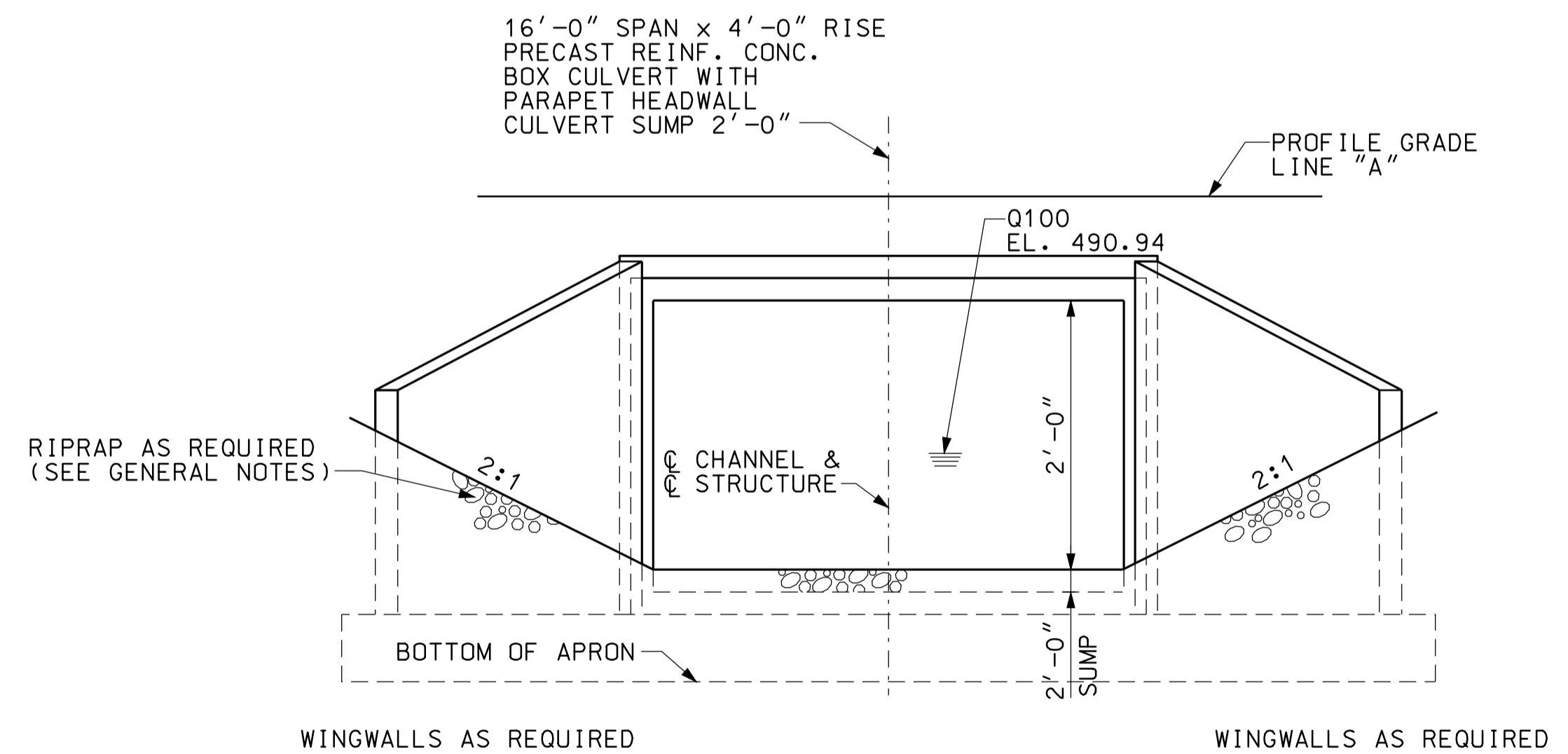
INDIANA
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DETAIL
LINE "CR 1500 N"

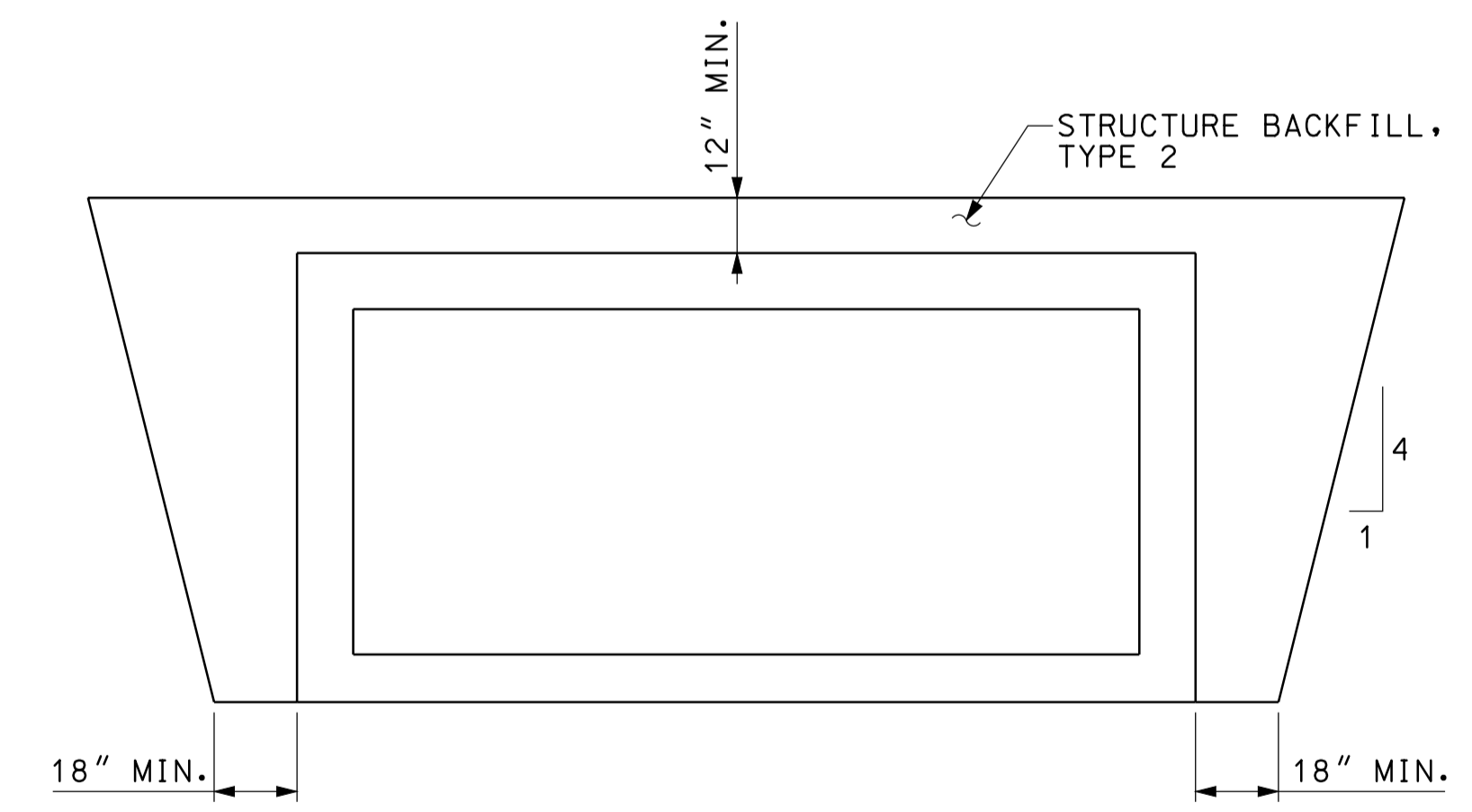
HORIZONTAL SCALE 1" = 100'	BRIDGE FILE	
VERTICAL SCALE 1" = 0.5'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. SE-03	SHEET NO. 42 of 150
CONTRACT IR-33051	PROJECT 0902176	



PLAN
SCALE: 1"=20'



END ELEVATION
NOT TO SCALE



SECTION A-A
NOT TO SCALE

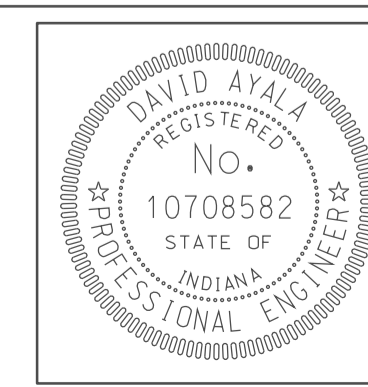
GENERAL NOTES

ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

HYDRAULIC DATA

DRAINAGE AREA	66.33 AC.
Q100	65.0 CFS.
Q100 ELEVATION	490.94 FT.
EXISTING BACKWATER	N/A
PROPOSED BACKWATER	0.41 FT.
Q100 VELOCITY	2.91 FPS.
ROADWAY OVERFLOW WATERWAY AREA	0 FT.
AVERAGE FLOW LINE ELEVATION	489.21 FT.

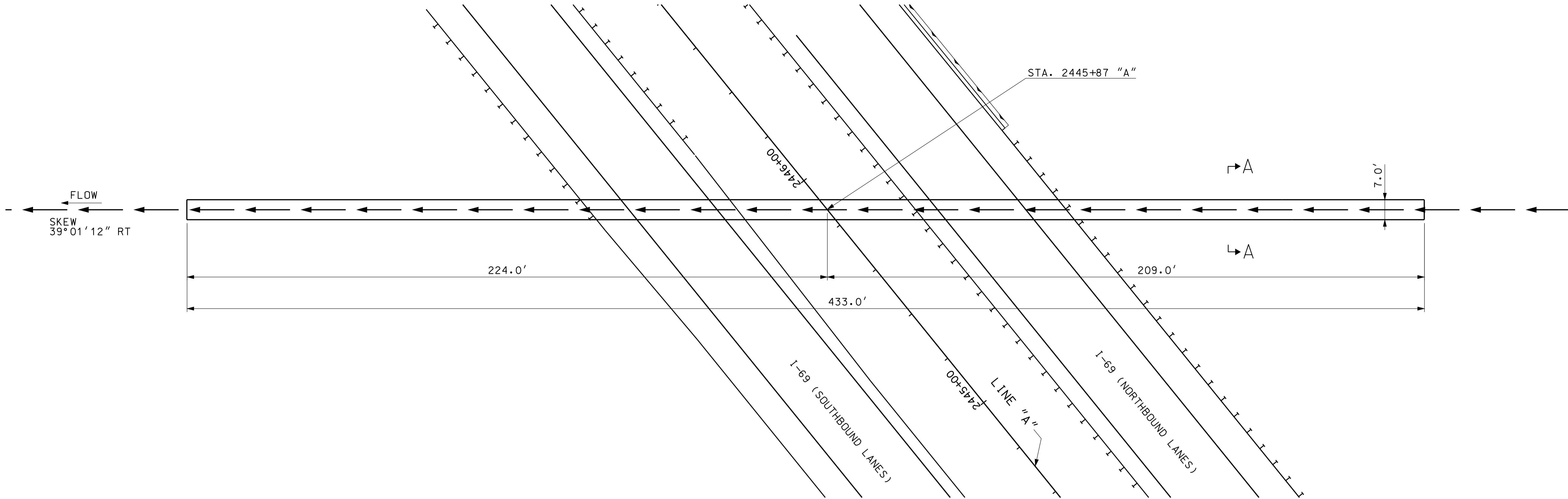
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RECOMMENDED FOR APPROVAL	<i>com jo</i>	DESIGN ENGINEER	DATE	5/5/10
DESIGNED:	CLE	DRAWN:	DH	
CHECKED:	KLR	CHECKED:	DMA	

INDIANA
DEPARTMENT OF TRANSPORTATION
CULVERT DETAILS
CROSSING #242000

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PB-01	43 of 150
CONTRACT	PROJECT	
IR-33051	0902176	



STA. 2445+87 "A"

FLOW
SKEW
39° 01' 12" RT

224.0'

433.0'

209.0'

7.0'

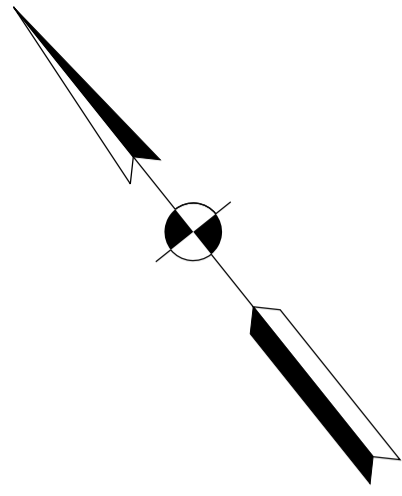
I-69 (SOUTHBOUND LANES)

LINE "A"

I-69 (NORTHBOUND LANES)

PLAN
SCALE: 1"=20'

84" DIAMETER CULVERT



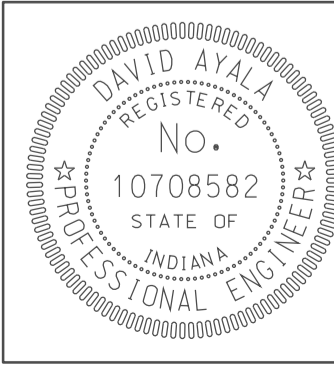
GENERAL NOTES

ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

HYDRAULIC DATA

DRAINAGE AREA	4.53 AC.
Q100	7 CFS.
Q100 ELEVATION	494.70 FT.
EXISTING BACKWATER	N/A
PROPOSED BACKWATER	0.07 FT
Q100 VELOCITY	1.74 FPS.
ROADWAY OVERFLOW WATERWAY AREA	0 FT.
AVERAGE FLOW LINE ELEVATION	493.24 FT.

10/25/2010 09:25
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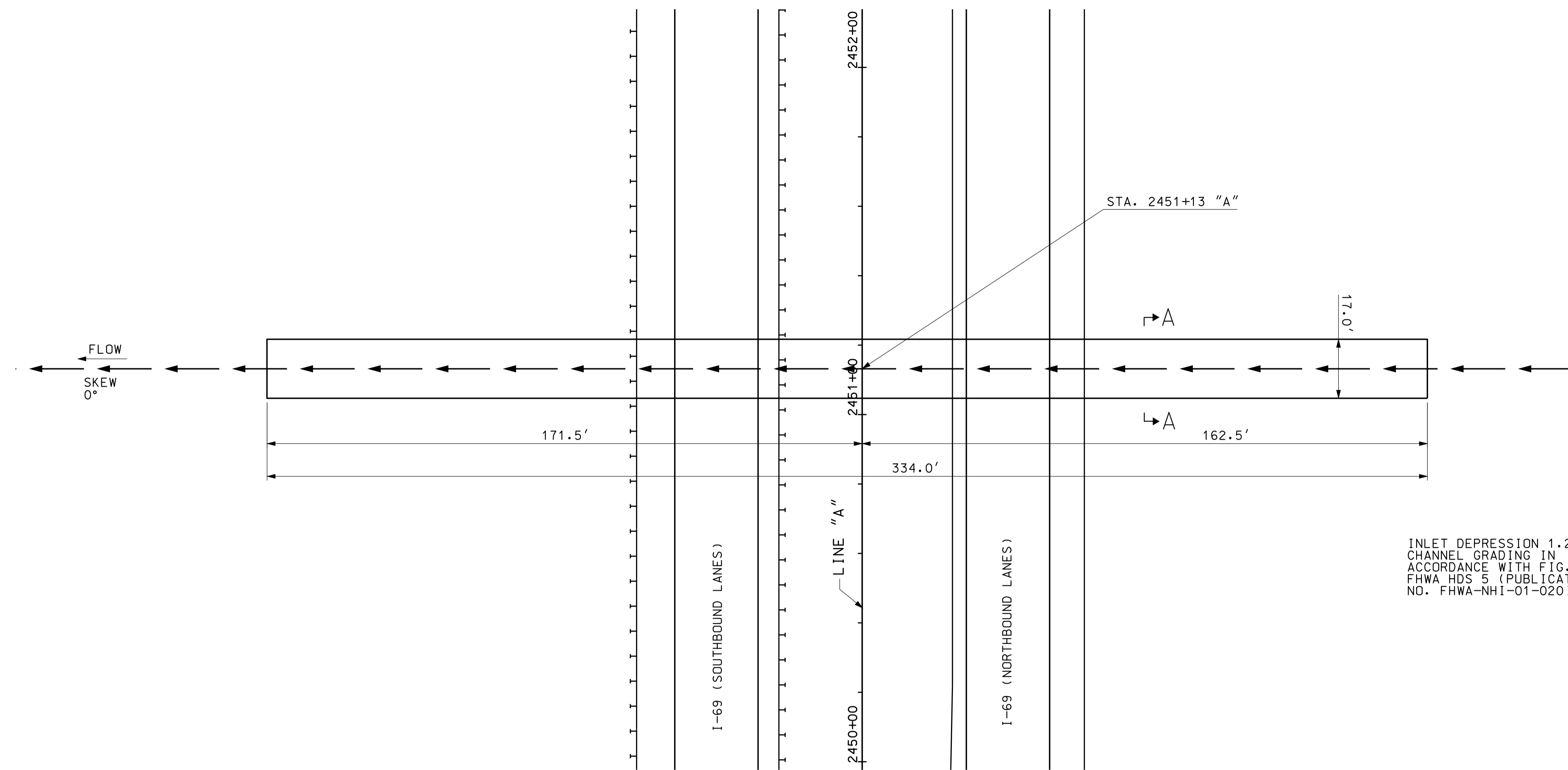
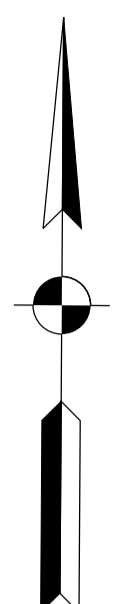


RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
DESIGNED:	CLE	DRAWN: DH
CHECKED:	KLR	CHECKED: DMA

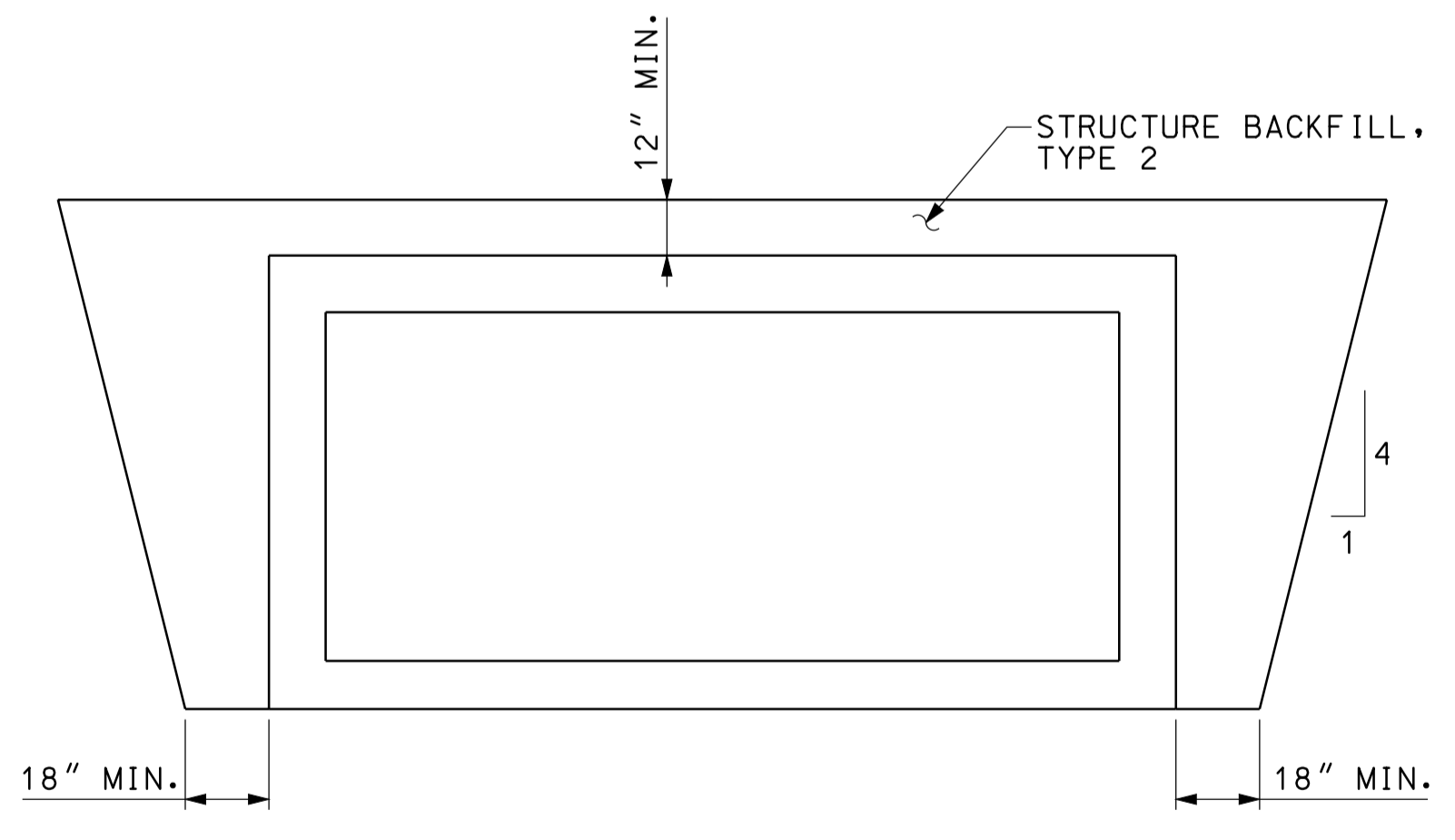
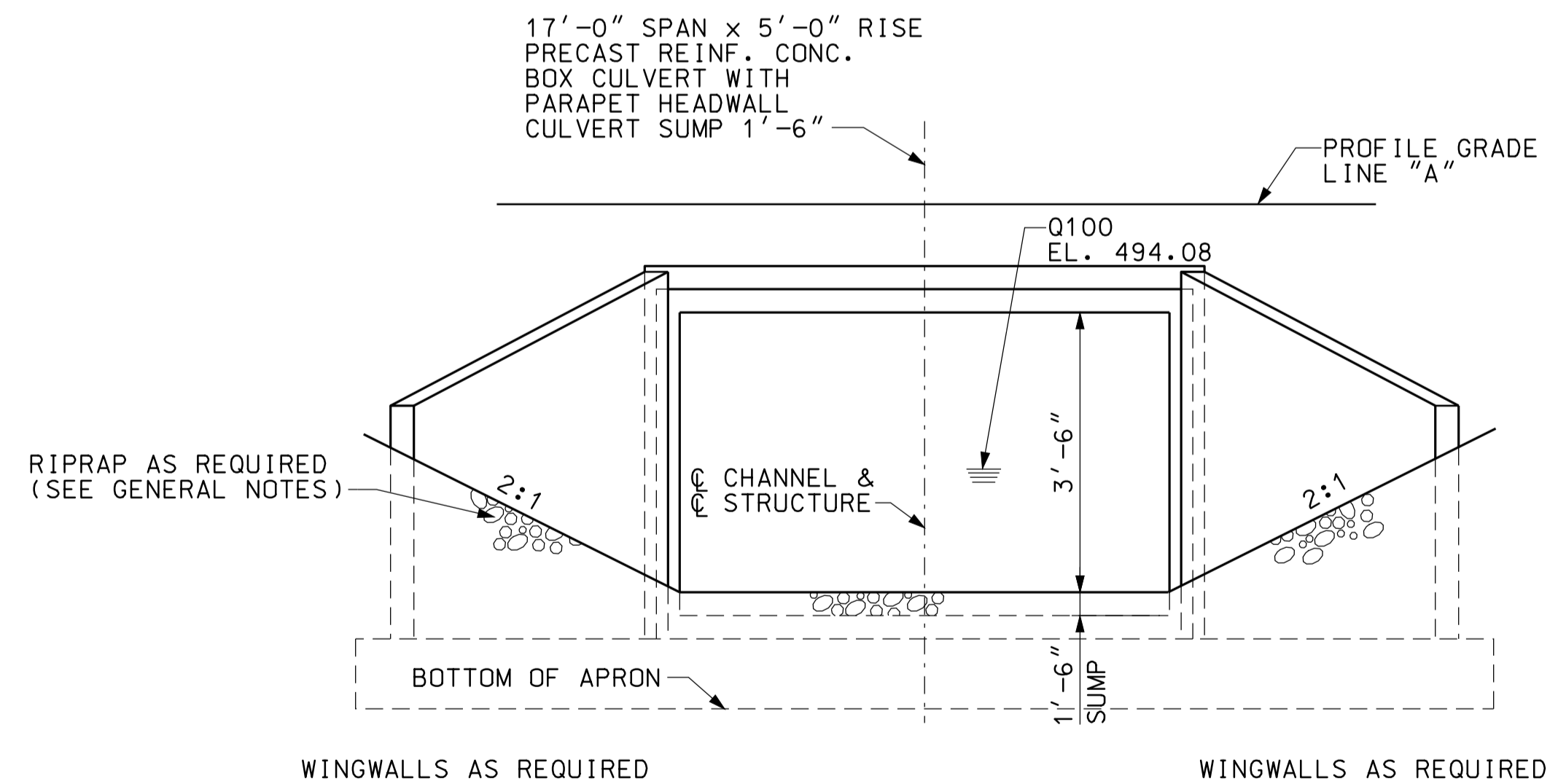
INDIANA
DEPARTMENT OF TRANSPORTATION

**CULVERT DETAILS
CROSSING #244600**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PB-02	44 of 150
CONTRACT	PROJECT	
IR-33051	0902176	



INLET DEPRESSION 1.27'
CHANNEL GRADING IN
ACCORDANCE WITH FIG. 111-5
FHWA HDS 5 (PUBLICATION
NO. FHWA-NHI-01-020)



GENERAL NOTES

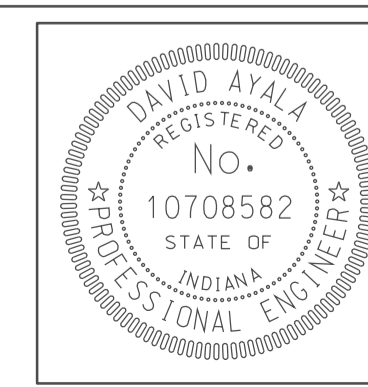
ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

HYDRAULIC DATA

DRAINAGE AREA	46.93 AC.
Q100	78 CFS.
Q100 ELEVATION	494.08 FT.
EXISTING BACKWATER	N/A
PROPOSED BACKWATER	0.73 FT.
Q100 VELOCITY	5.27 FPS.
ROADWAY OVERFLOW WATERWAY AREA	0 FT.
AVERAGE FLOW LINE ELEVATION	491.75 FT.

BACKWATER DISSIPATES TO 0.14' OR LESS AT ROW

10/04/09
 IP_PWP-010245-SEG/EP/003.dgn
 09:25

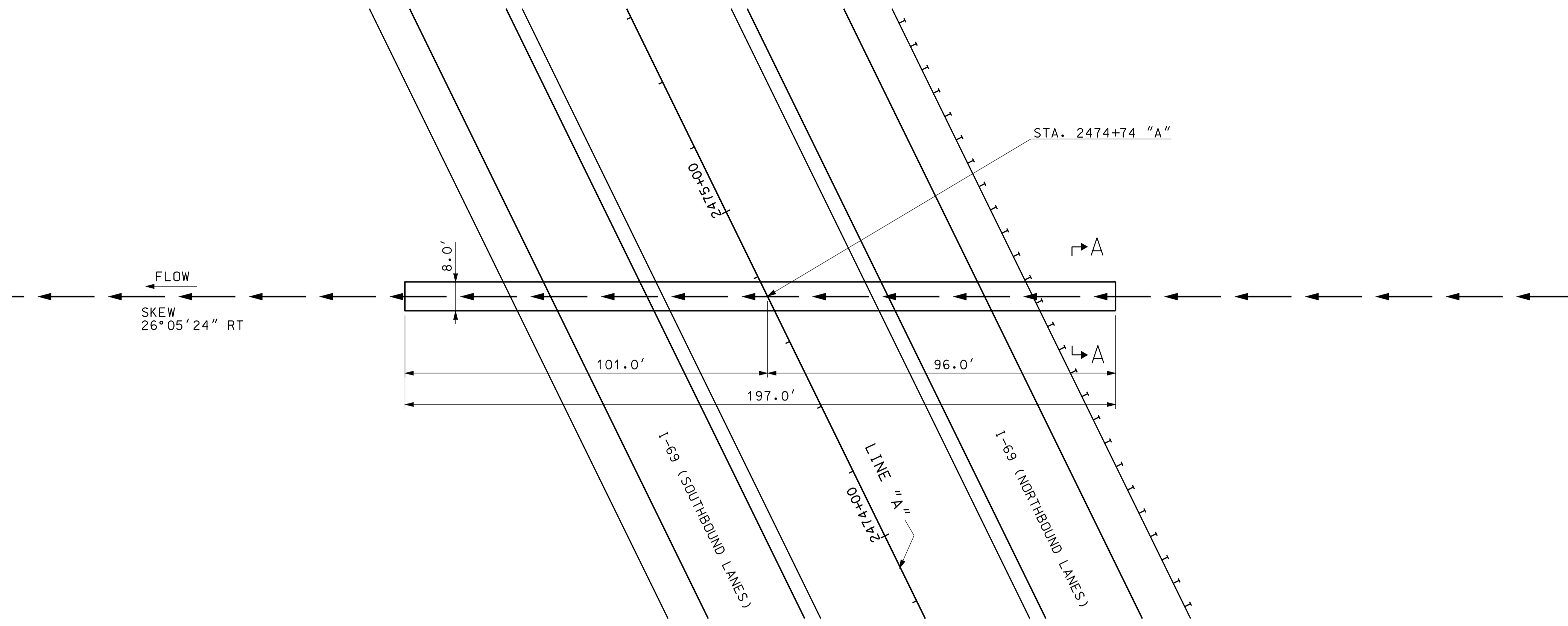
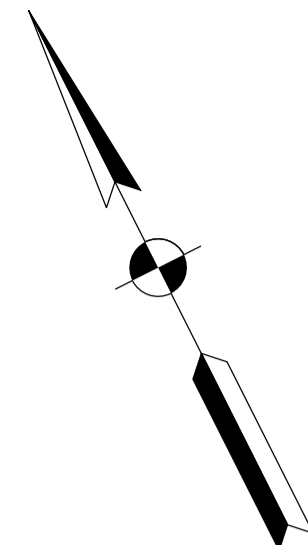


RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
DESIGNED:	CLE	DRAWN:
CHECKED:	KLR	CHECKED:
		DMA

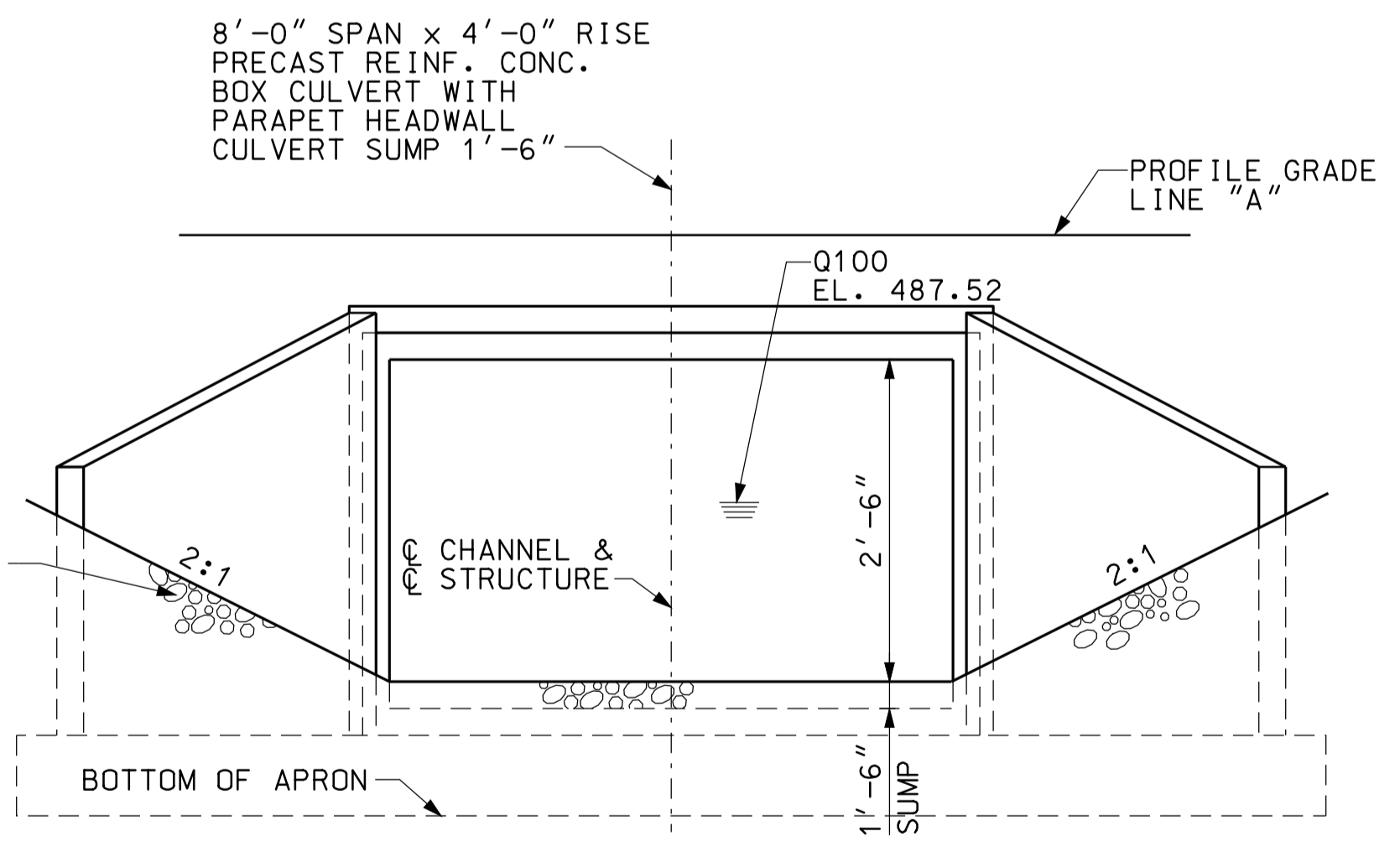
INDIANA
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS
CROSSING #245000

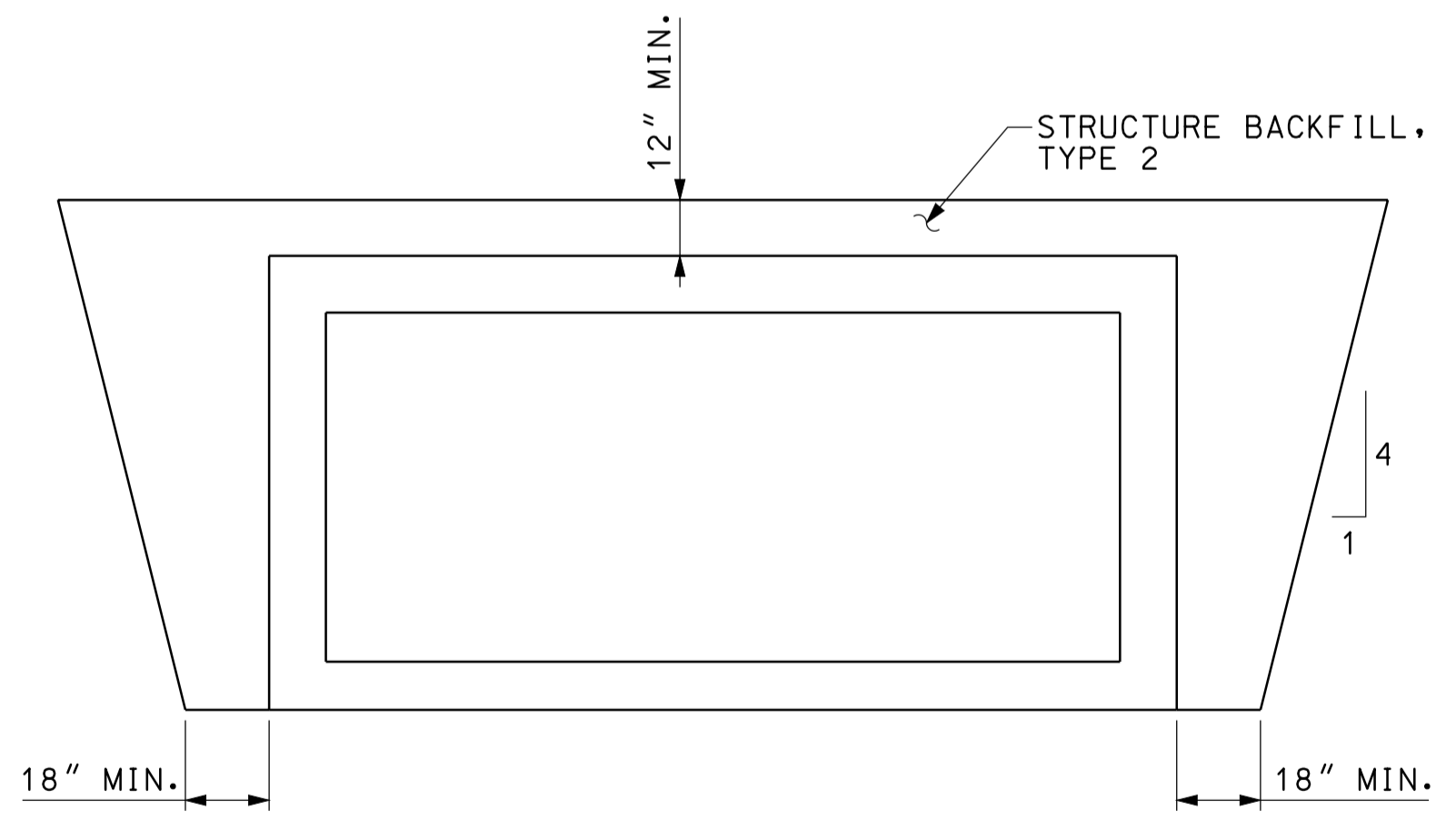
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1" = 20'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PB-03	45 of 150
CONTRACT	PROJECT	
IR-33051	0902176	



PLAN
SCALE: 1"=20'



END ELEVATION
NOT TO SCALE



SECTION A-A
NOT TO SCALE

GENERAL NOTES

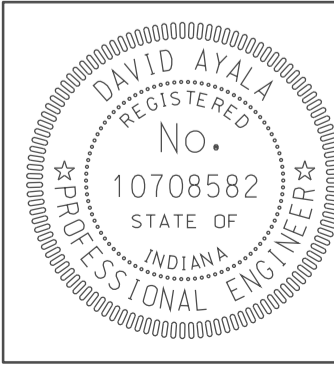
ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

HYDRAULIC DATA

DRAINAGE AREA	28.52 AC.
Q100	39 CFS.
Q100 ELEVATION	487.52 FT.
EXISTING BACKWATER	N/A
PROPOSED BACKWATER	0.65 FT.
Q100 VELOCITY	5.38 FPS.
ROADWAY OVERFLOW WATERWAY AREA	0 FT.
AVERAGE FLOW LINE ELEVATION	484.63 FT.

BACKWATER DISSIPATES TO 0.14' OR LESS AT ROW

09/25
 10/10/2010
 IP_PWP-80024555EGEPB006.dgn

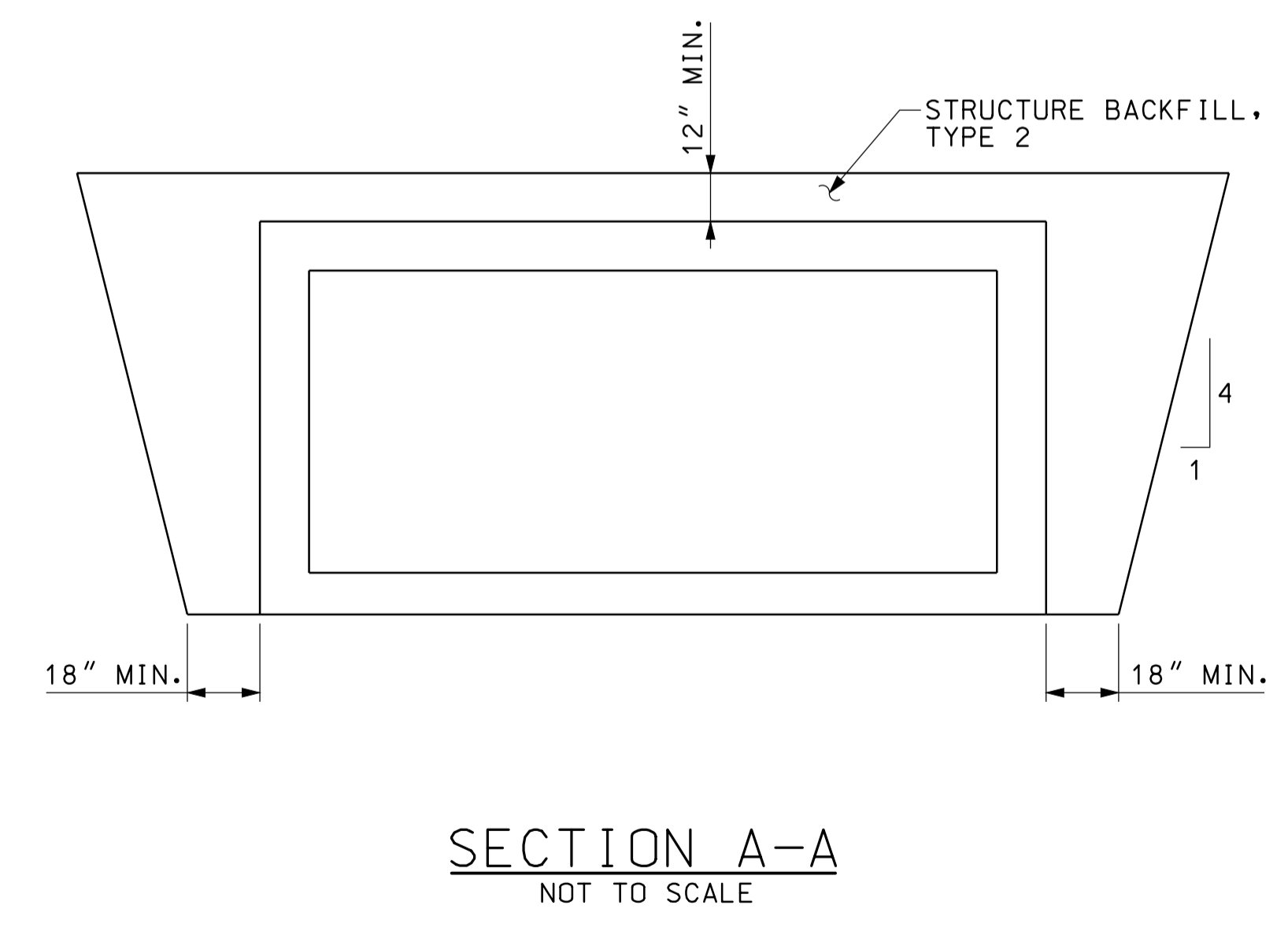
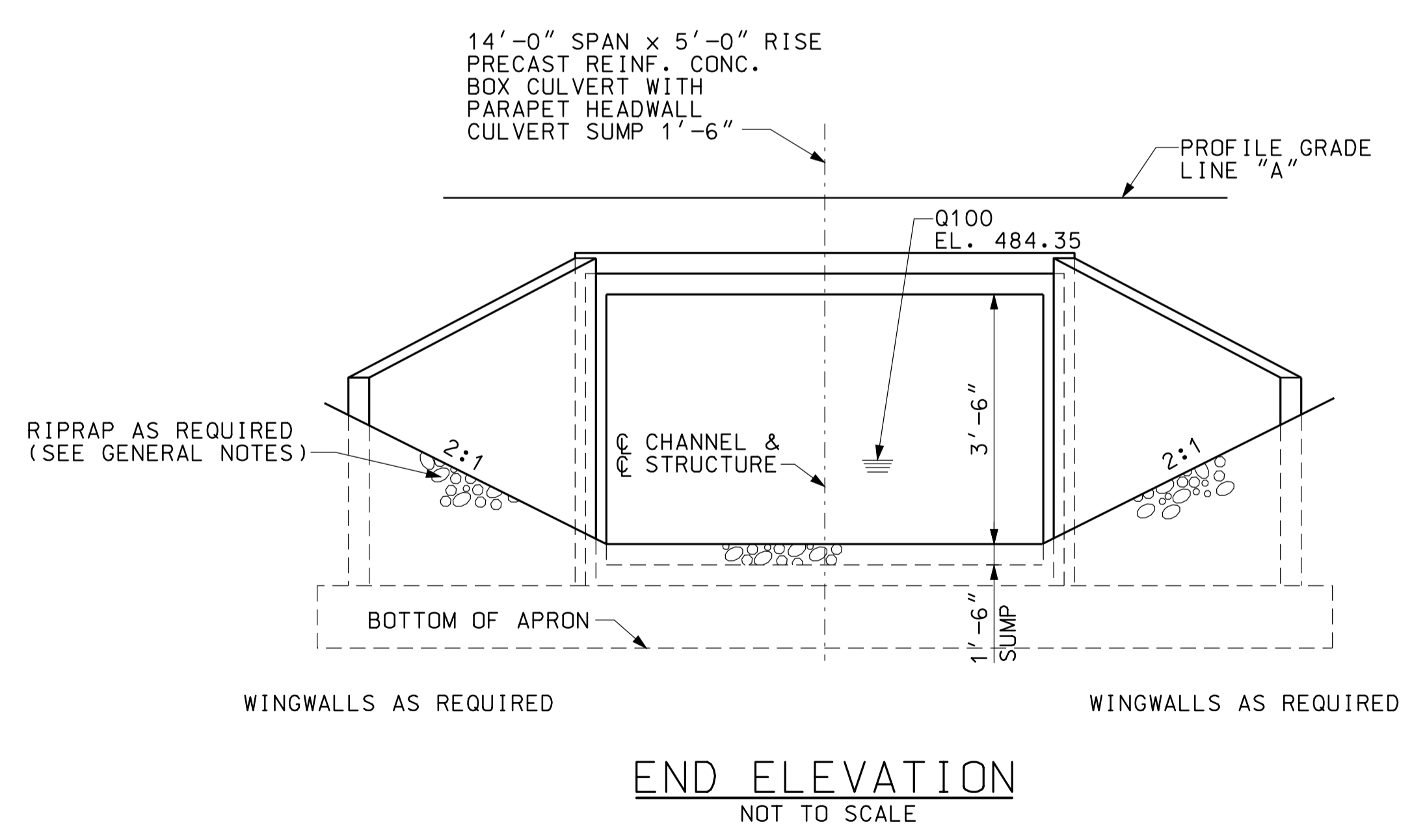
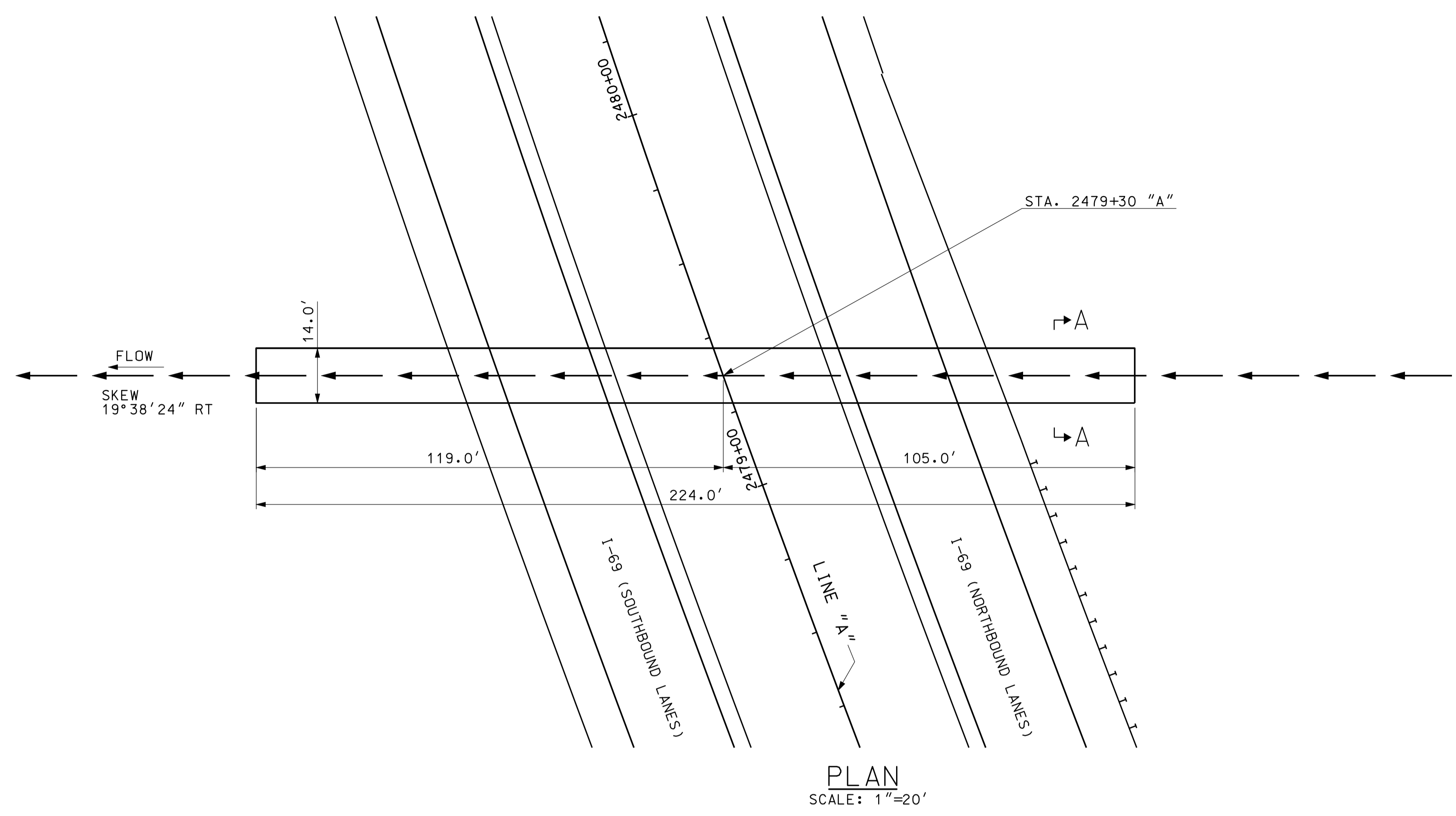
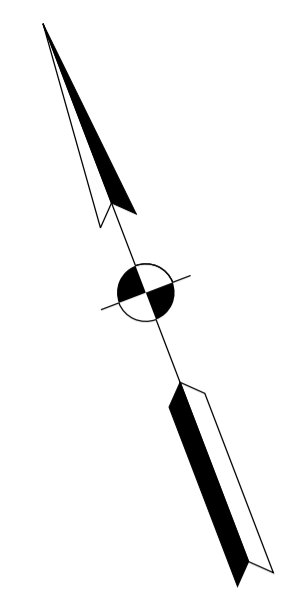


RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
	DESIGN ENGINEER	DATE
DESIGNED: CLE	DRAWN: DH	
CHECKED: KLR	CHECKED: DMA	

INDIANA
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS
CROSSING #247500

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
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SURVEY BOOK	DWG. NO.	SHEET NO.
	PB-06	48 of 150
CONTRACT	PROJECT	
IR-33051	0902176	



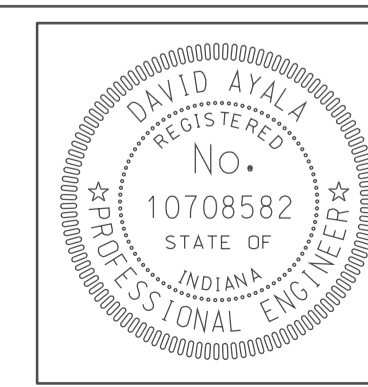
GENERAL NOTES

ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.
 RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

HYDRAULIC DATA

DRAINAGE AREA	16.02 AC.
Q100	24 CFS.
Q100 ELEVATION	484.35 FT.
EXISTING BACKWATER	N/A
PROPOSED BACKWATER	0.11 FT
Q100 VELOCITY	2.57 FPS.
ROADWAY OVERFLOW WATERWAY AREA	0 FT.
AVERAGE FLOW LINE ELEVATION	482.24 FT.

0926
 09/26/10
 IP_PWP-8100245-SEG1P007.dgn

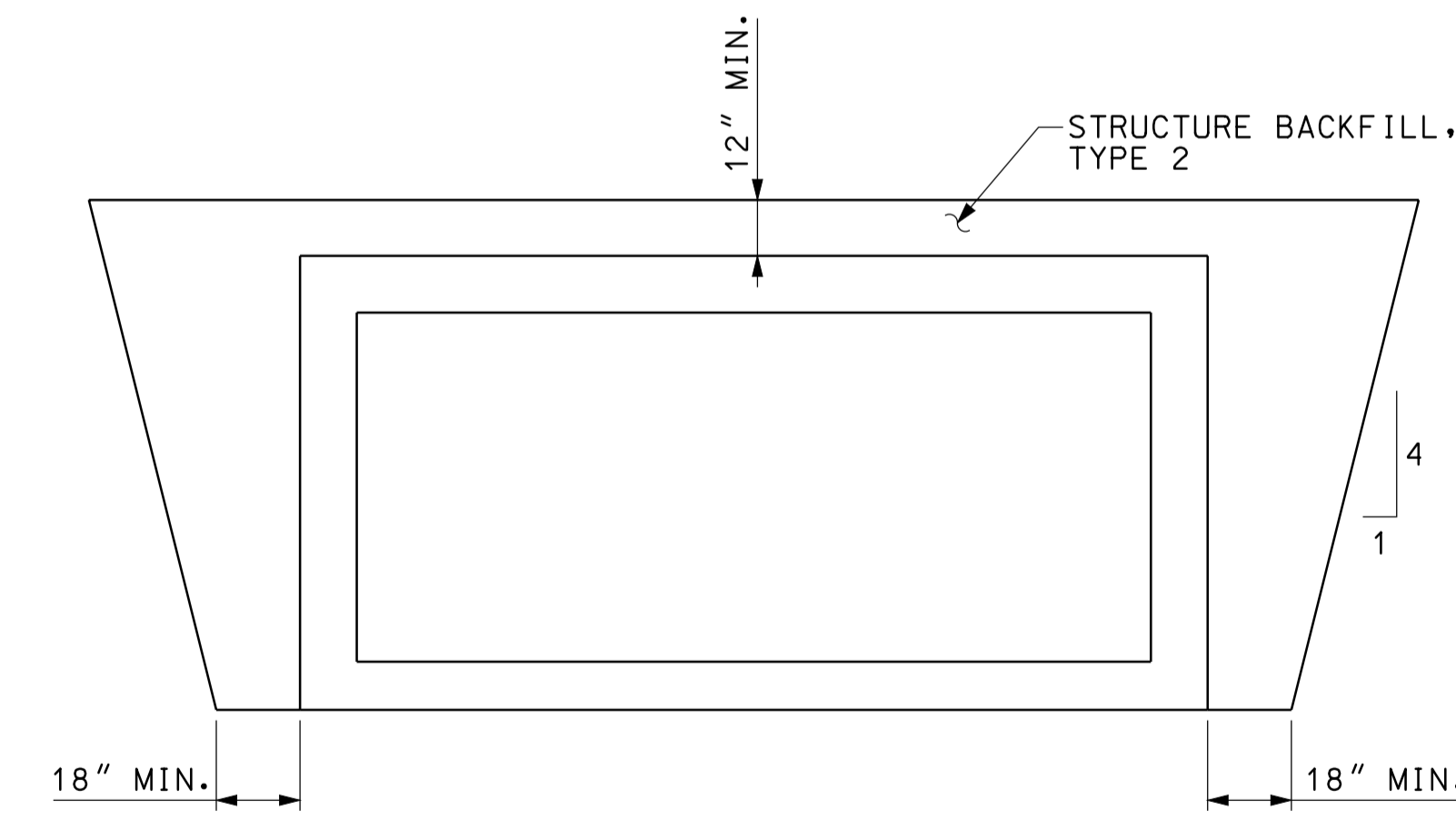
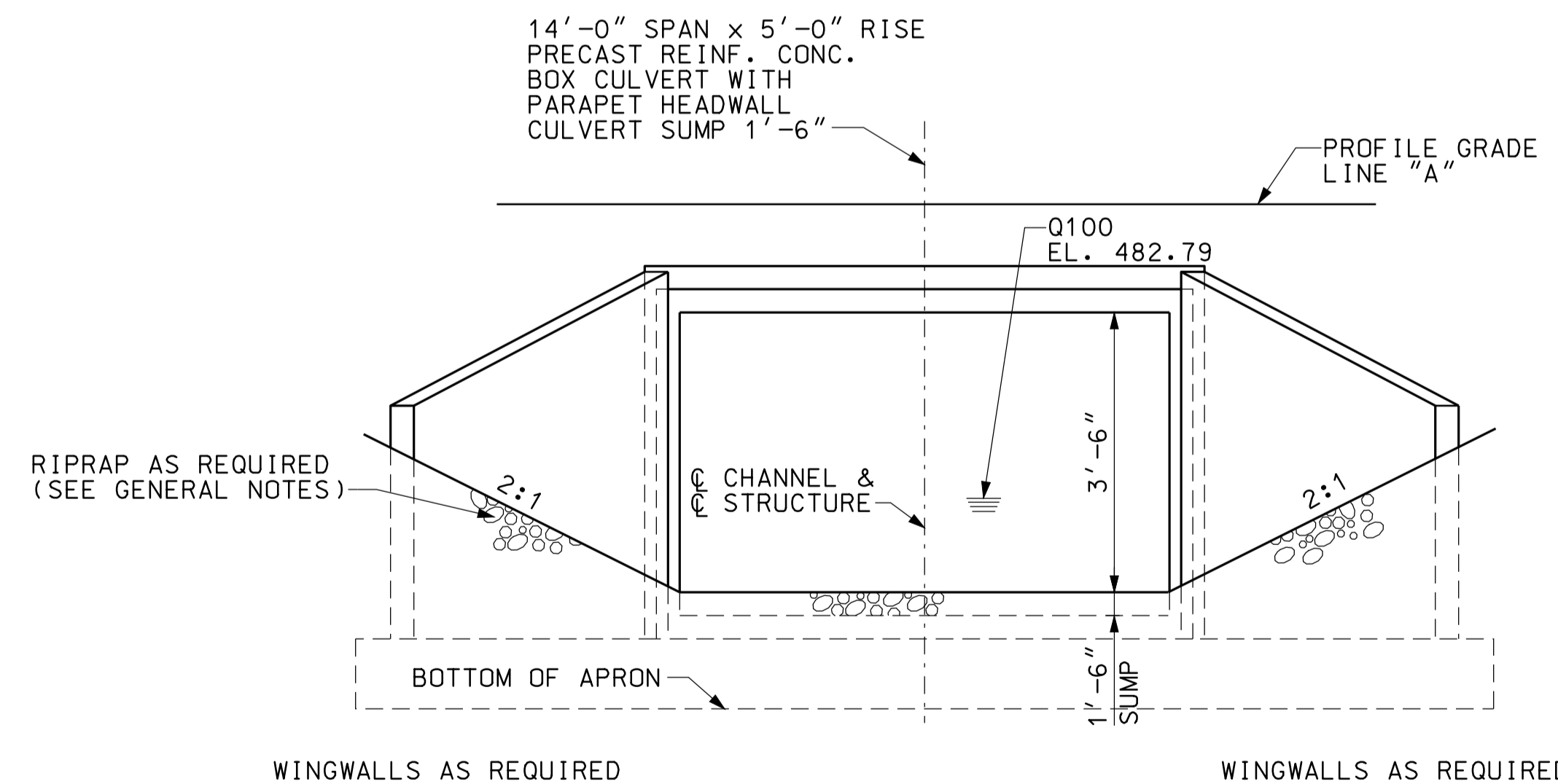
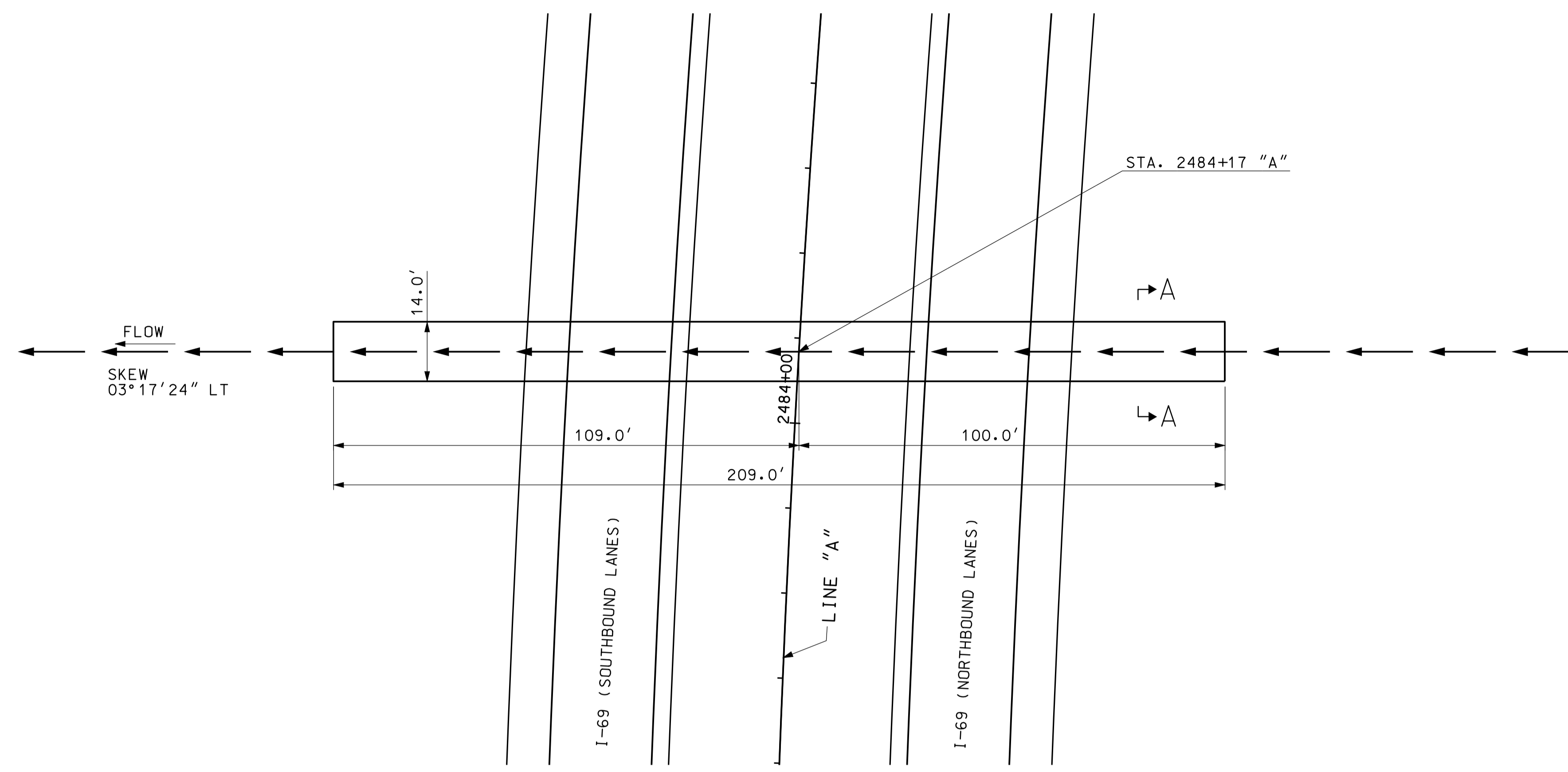
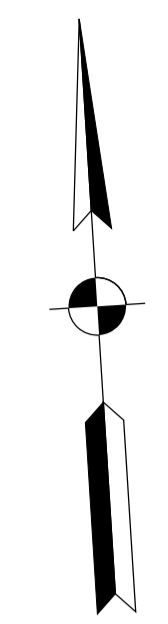


RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
DESIGNED:	CLE	DRAWN: DH
CHECKED:	KLR	CHECKED: DMA

INDIANA
 DEPARTMENT OF TRANSPORTATION

**CULVERT DETAILS
 CROSSING #247900**

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	DWG. NO. SHEET NO.
	PB-07 49 of 150
CONTRACT	PROJECT
IR-33051	0902176



GENERAL NOTES

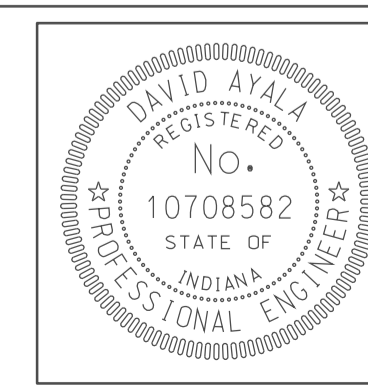
ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

HYDRAULIC DATA

DRAINAGE AREA	22.35 AC.
Q100	41 CFS.
Q100 ELEVATION	482.79 FT.
EXISTING BACKWATER	N/A
PROPOSED BACKWATER	0.61 FT
Q100 VELOCITY	4.60 FPS.
ROADWAY OVERFLOW WATERWAY AREA	0 FT.
AVERAGE FLOW LINE ELEVATION	481.09 FT.

BACKWATER DISSIPATES TO 0.14' OR LESS AT ROW

0926
 09/26/2010
 IP: P:\P\100245\SEG\EP\B008.dgn

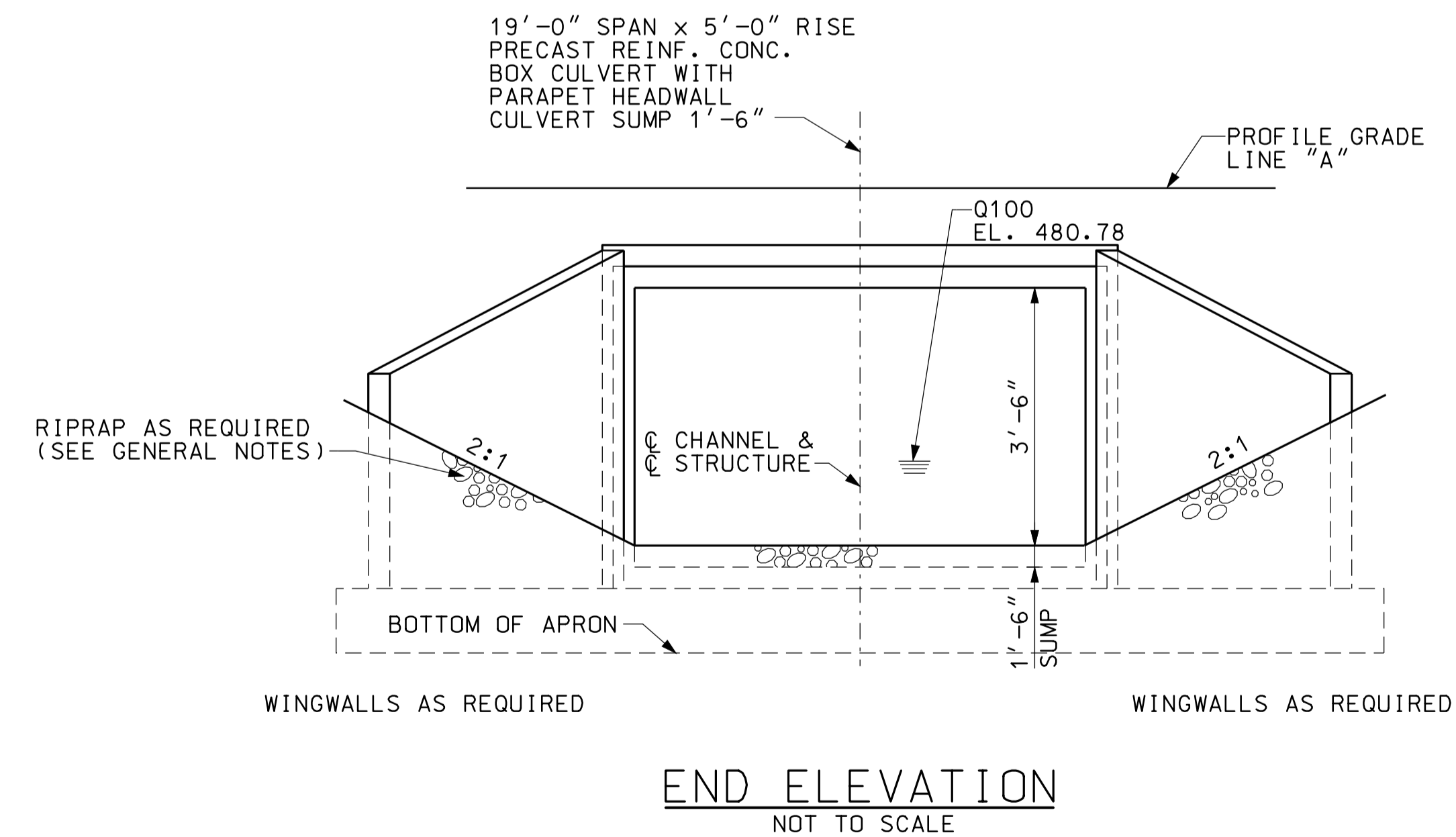
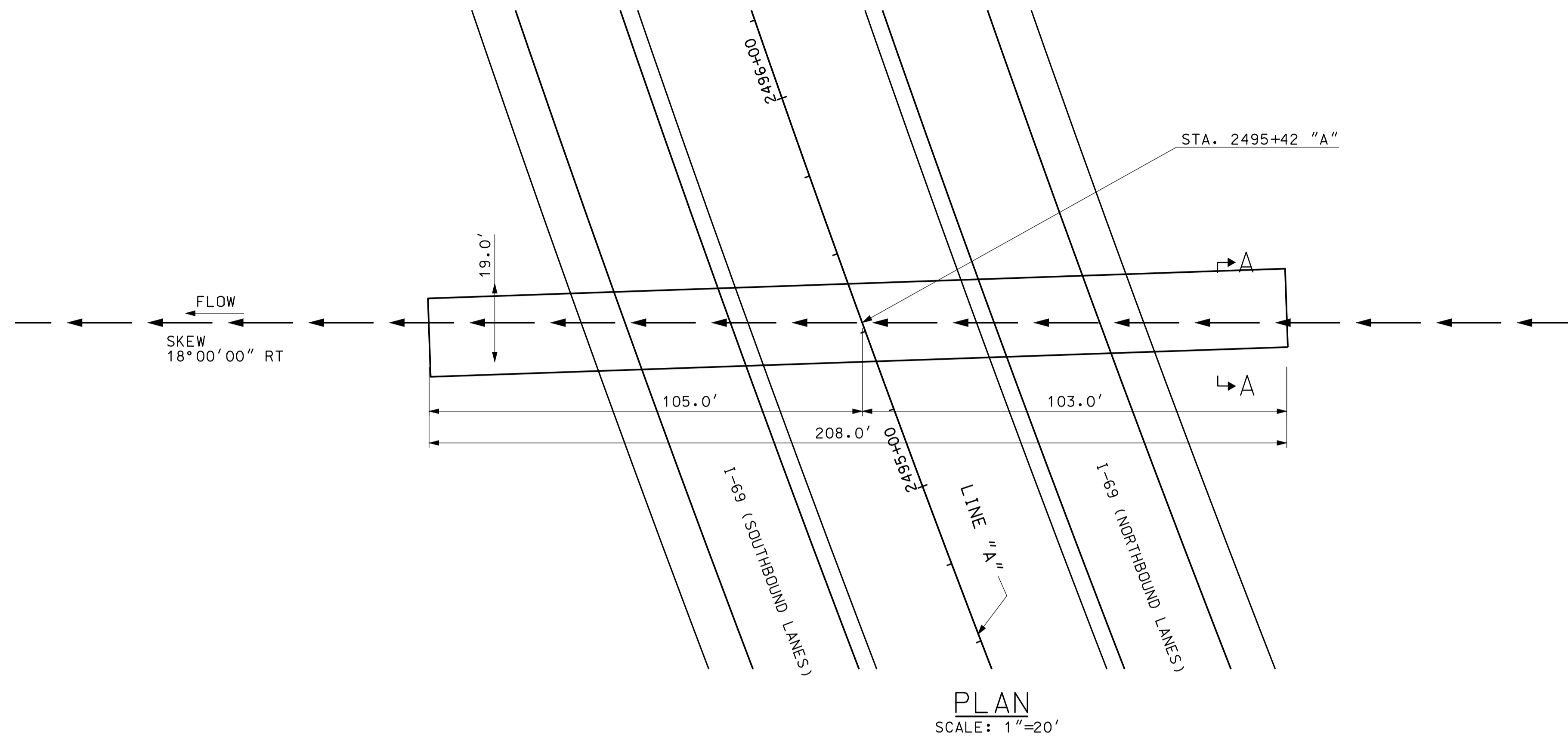
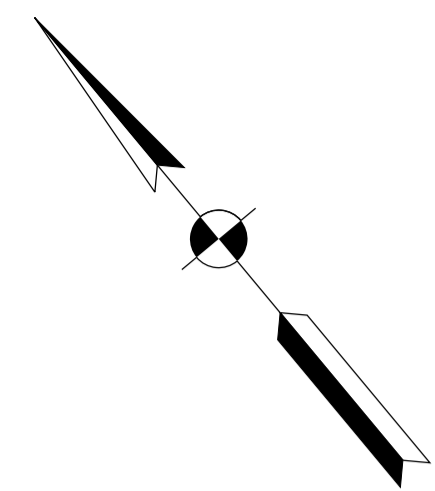


RECOMMENDED FOR APPROVAL	<i>com jo</i>	5/5/10
DESIGNED:	CLE	DRAWN: DH
CHECKED:	KLR	CHECKED: DMA

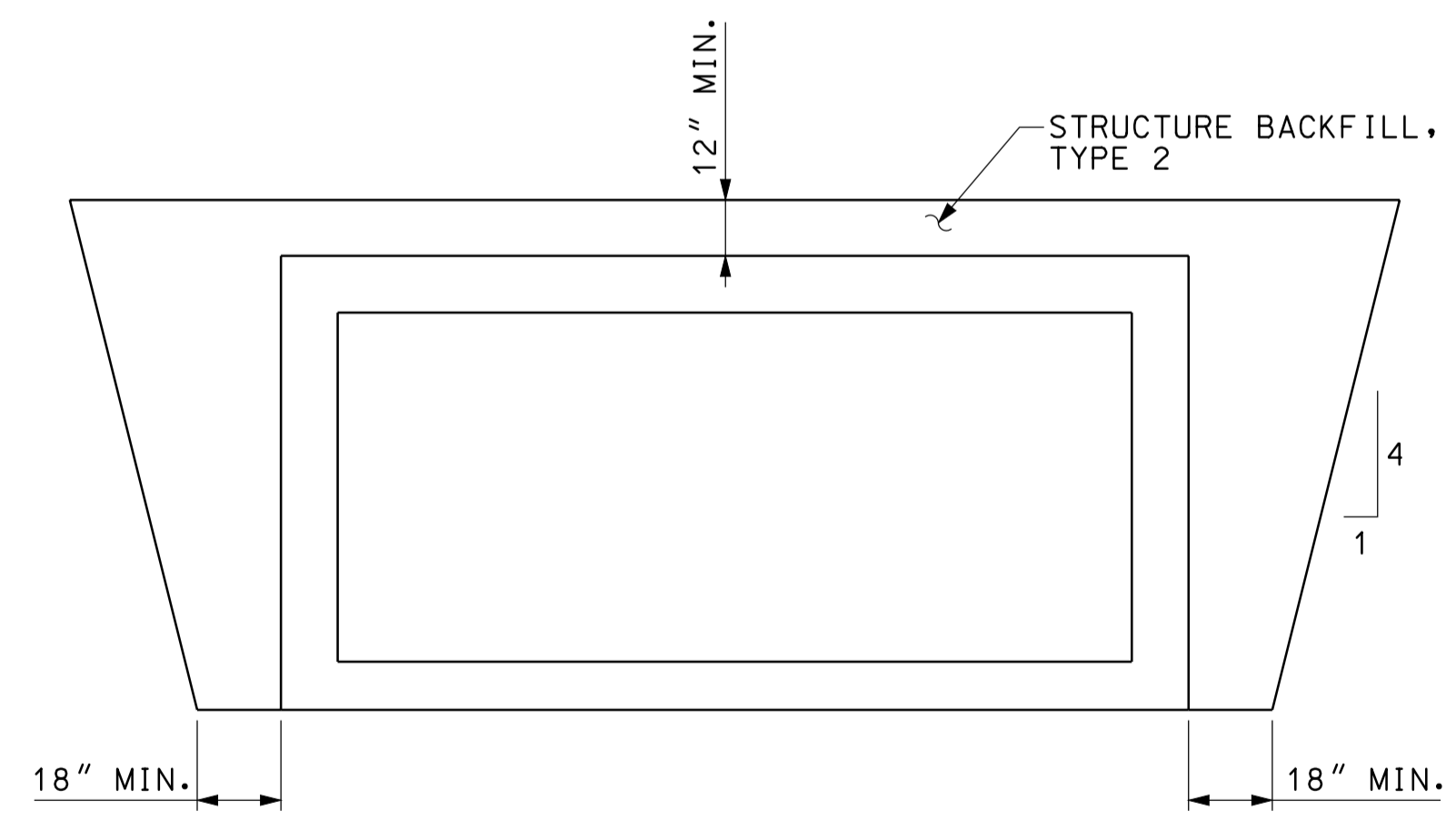
INDIANA
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS
CROSSING #248500

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	0902176
SURVEY BOOK	DWG. NO. SHEET NO.
	PB-08 50 of 150
CONTRACT	PROJECT
IR-33051	0902176



END ELEVATION
NOT TO SCALE



SECTION A-A
NOT TO SCALE

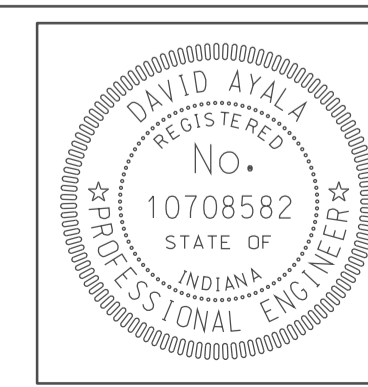
GENERAL NOTES

ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

HYDRAULIC DATA

DRAINAGE AREA	22.70 AC.
Q100	45 CFS.
Q100 ELEVATION	480.78 FT.
EXISTING BACKWATER	N/A
PROPOSED BACKWATER	0.11 FT
Q100 VELOCITY	2.31 FPS.
ROADWAY OVERFLOW WATERWAY AREA	0 FT.
AVERAGE FLOW LINE ELEVATION	479.28 FT.

0926
 09/26/10
 IP_PWP-81002455-SEG1P/B009.dgn

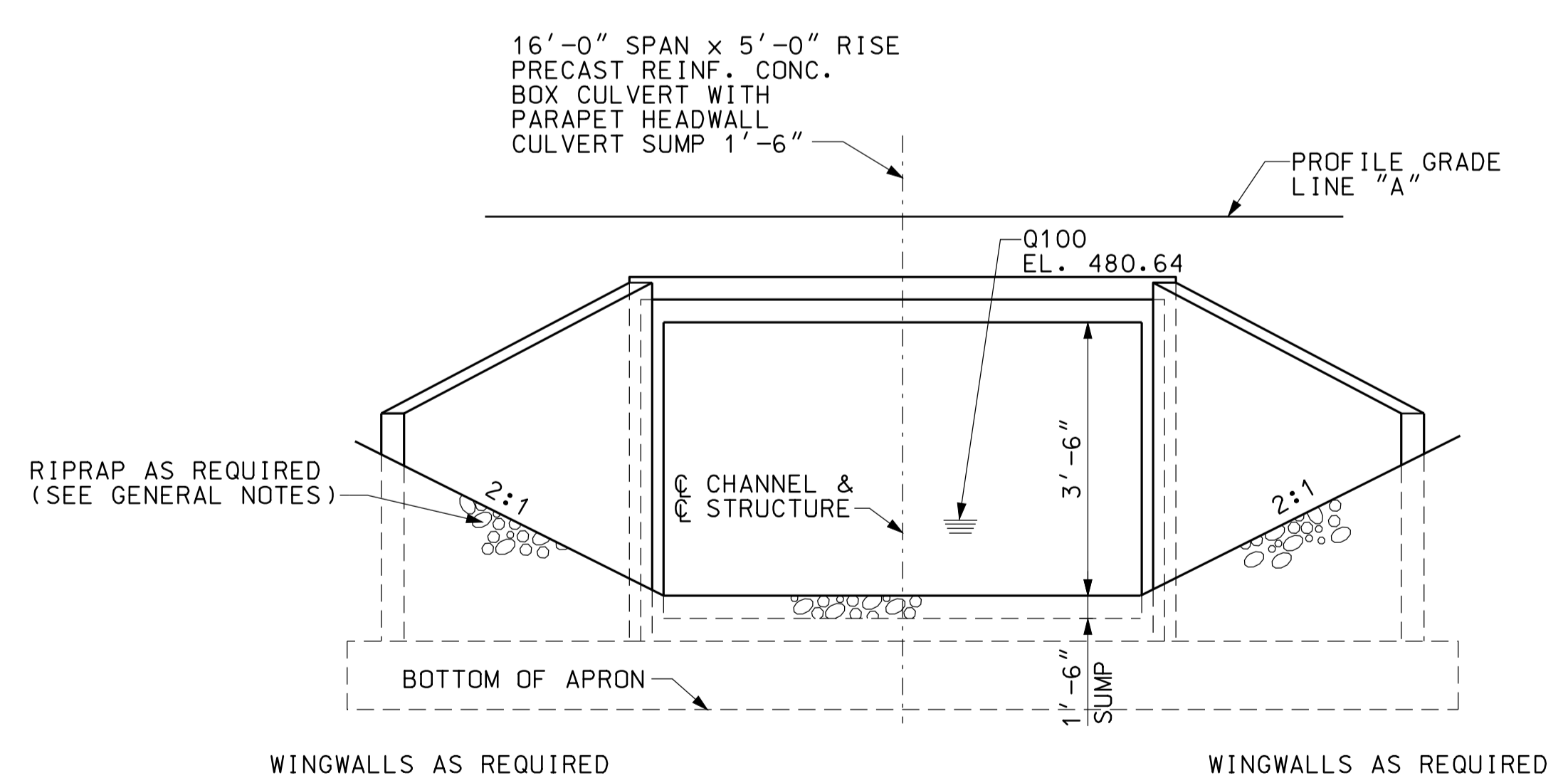
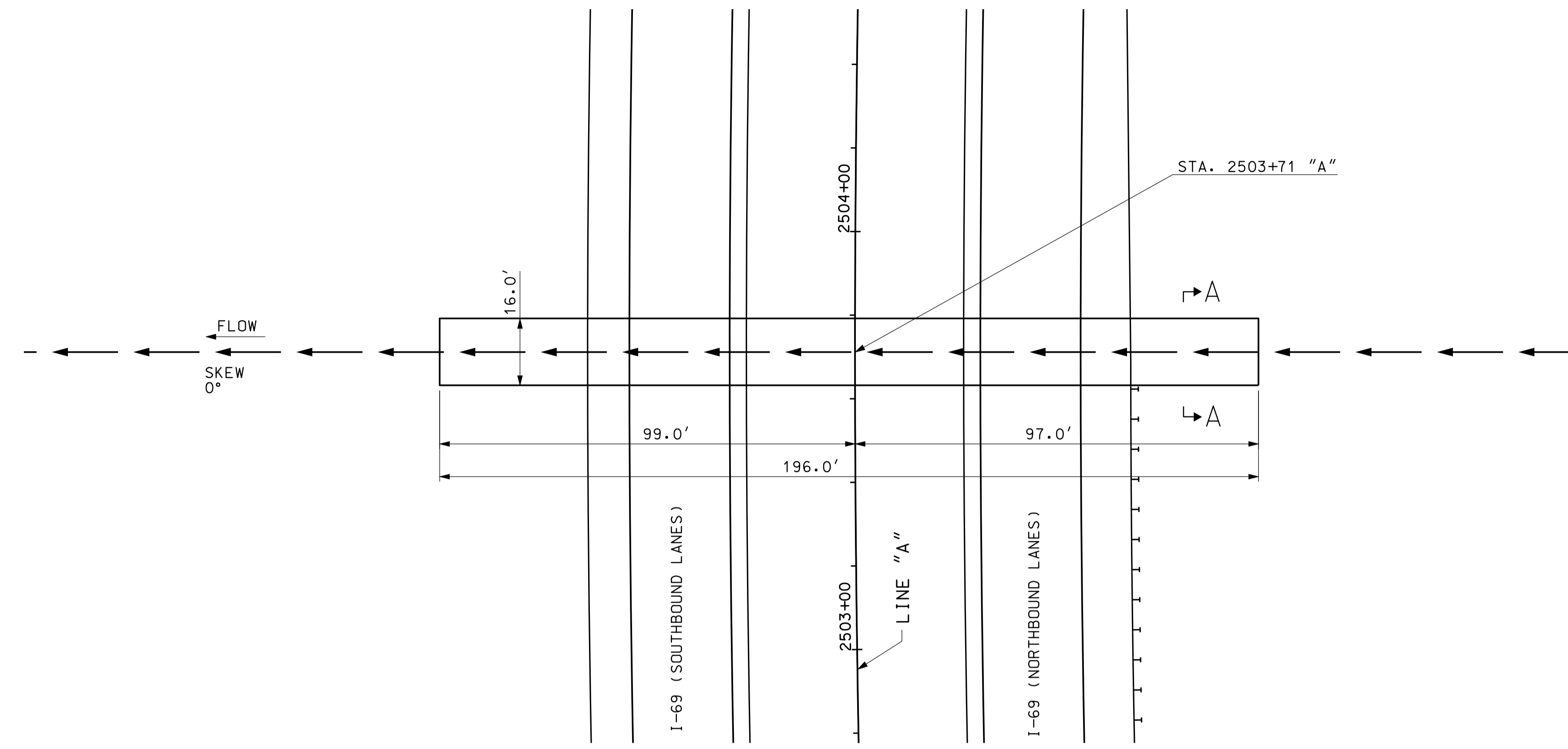
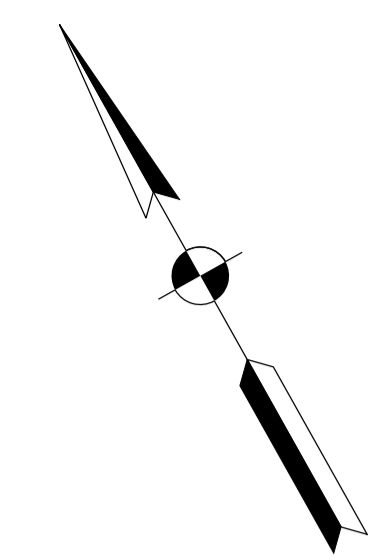


RECOMMENDED FOR APPROVAL	<i>com jo</i>	5/5/10
DESIGNED:	CLE	DRAWN:
CHECKED:	KLR	CHECKED:
		DMA

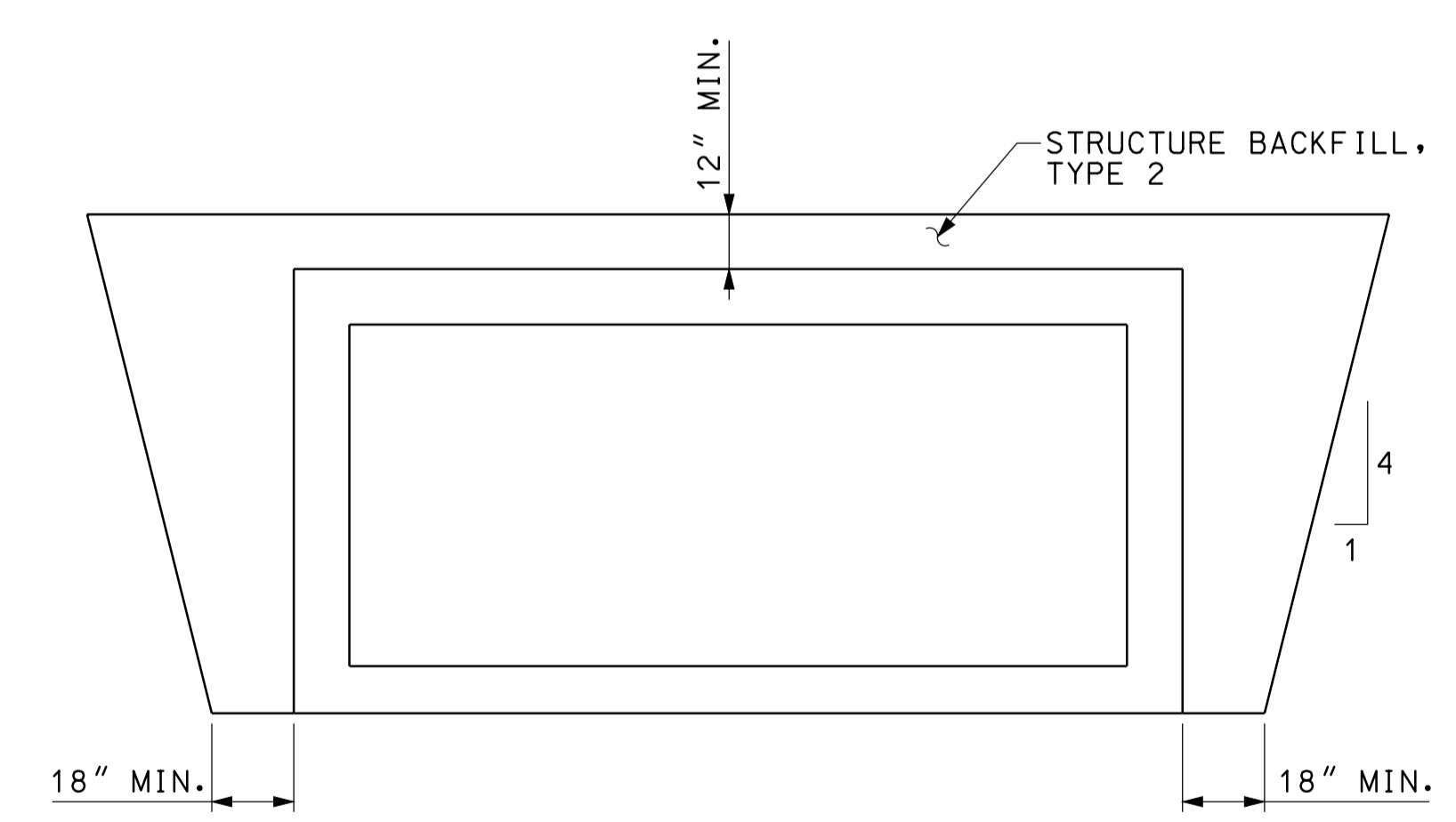
INDIANA
DEPARTMENT OF TRANSPORTATION

**CULVERT DETAILS
CROSSING #249500**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PB-09	51 of 150
CONTRACT	PROJECT	
IR-33051	0902176	



END ELEVATION
NOT TO SCALE



SECTION A-A
NOT TO SCALE

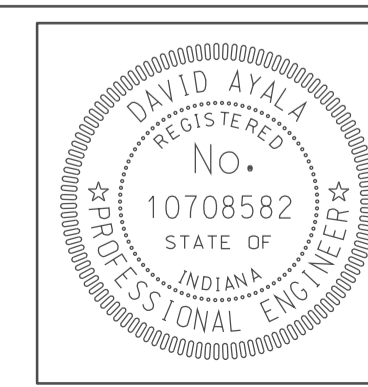
GENERAL NOTES

ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) EXCEPT AS NOTED.
RIPRAP REQUIRED AT INLET AND AT OUTLET AS SHOWN.

HYDRAULIC DATA

DRAINAGE AREA	23.94 AC.
Q100	36 CFS.
Q100 ELEVATION	480.64 FT.
EXISTING BACKWATER	N/A
PROPOSED BACKWATER	0.10 FT
Q100 VELOCITY	2.39 FPS.
ROADWAY OVERFLOW WATERWAY AREA	0 FT.
AVERAGE FLOW LINE ELEVATION	479.13 FT.

0926
 09/26/10
 IP_PWP-IR-33051-SEG12-PB10.dgn

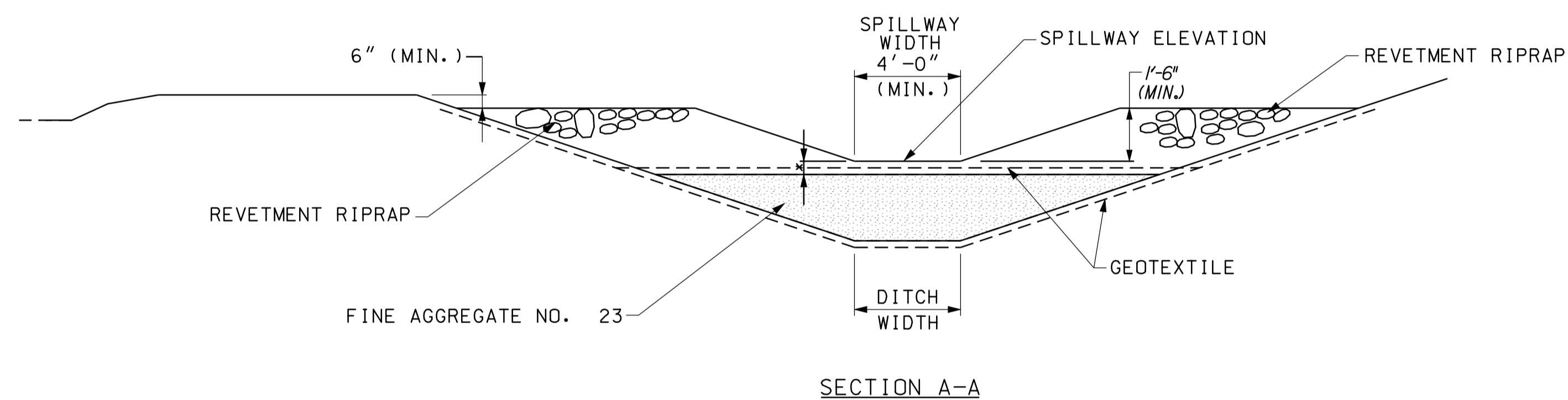
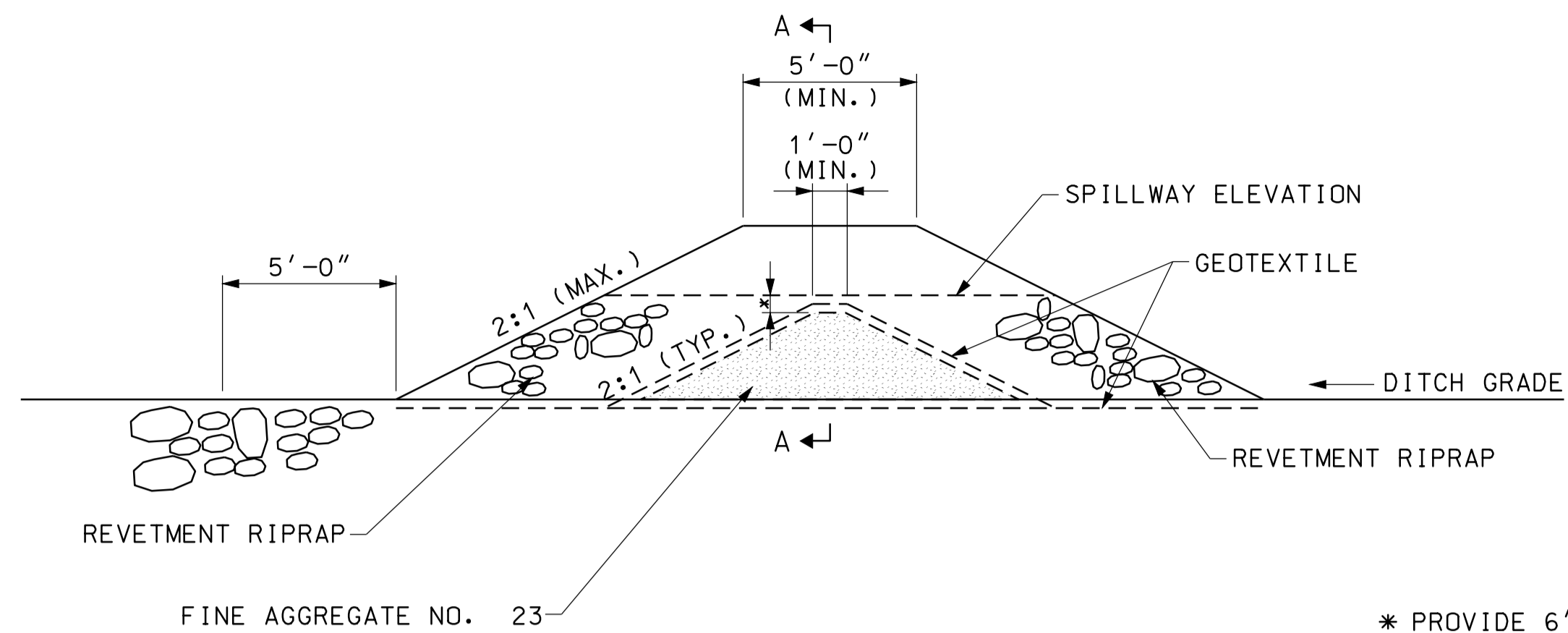


RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	5/5/10
	DESIGN ENGINEER	DATE
DESIGNED:	CLE	DRAWN: DH
CHECKED:	KLR	CHECKED: DMA

INDIANA
DEPARTMENT OF TRANSPORTATION

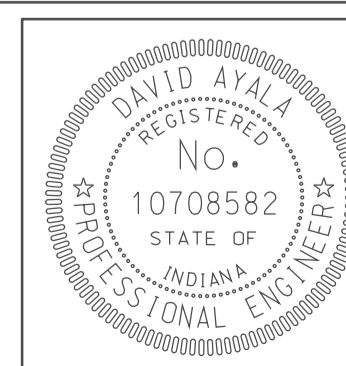
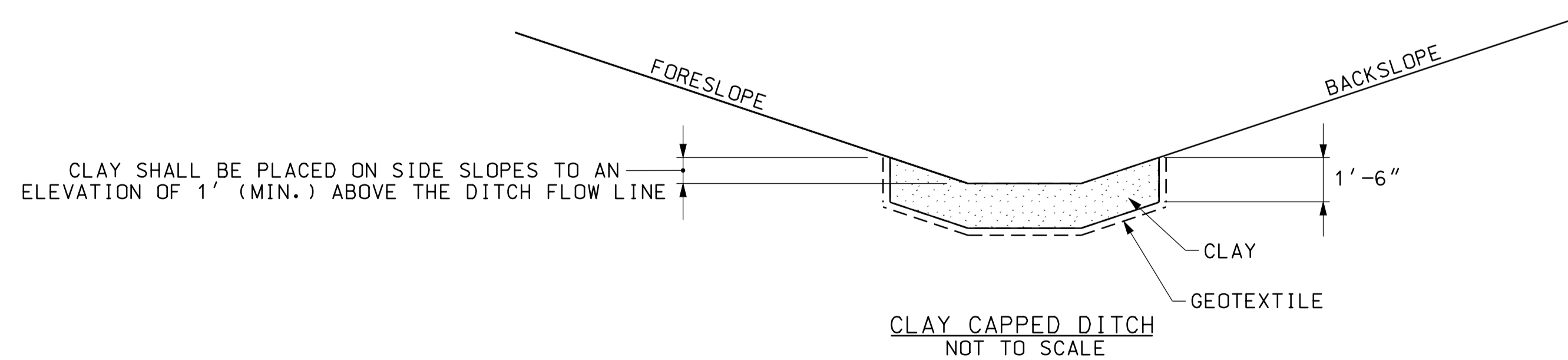
**CULVERT DETAILS
CROSSING #250400**

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PB-10	52 of 150
CONTRACT	PROJECT	
IR-33051	0902176	



LOCATION TABLE		
STATION	TOTAL STORAGE CAPACITY	SPILLWAY ELEVATION
2527+60 LT	47,127 GAL	482.50
2527+60 RT	120,062 GAL	482.50
2529+05 LT	120,062 GAL	482.50
2529+05 RT	120,062 GAL	482.50
2551+85 LT	120,062 GAL	482.50
2552+20 RT	120,062 GAL	482.50
2553+40 LT	58,909 GAL	482.50
2553+80 RT	120,062 GAL	482.50

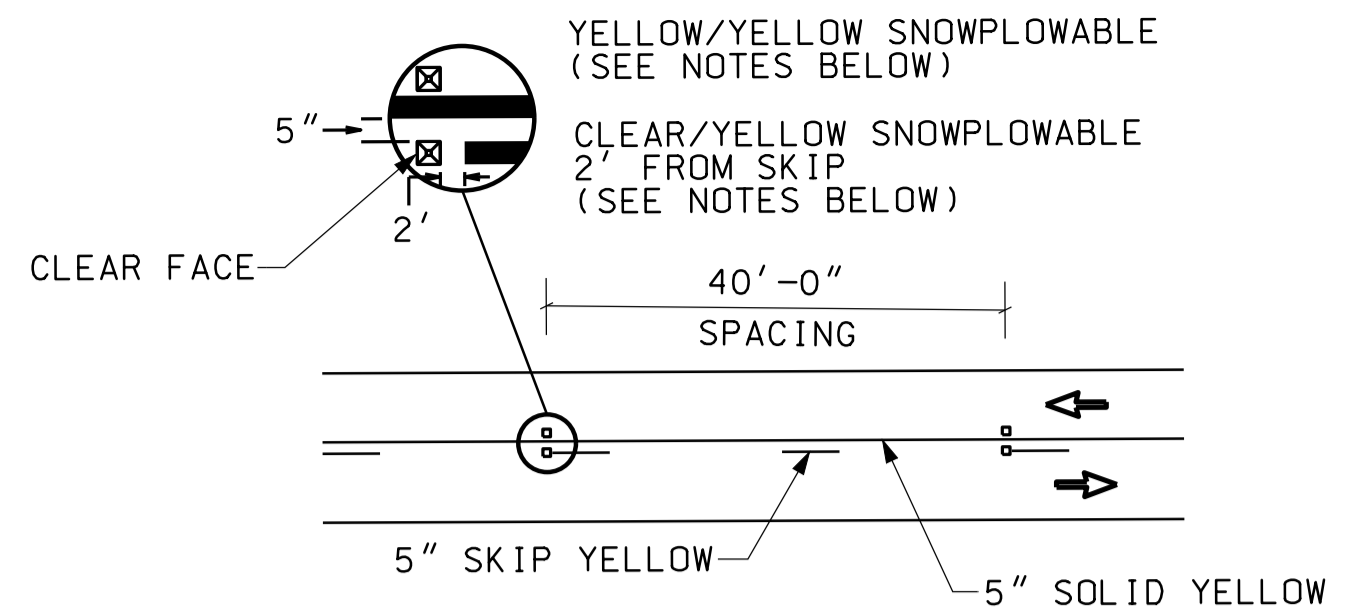
SPILL CONTAINMENT DAM
NOT TO SCALE



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

INDIANA DEPARTMENT OF TRANSPORTATION	
MISCELLANEOUS DETAILS	

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
	0902176
SURVEY BOOK	DWG. NO. SHEET NO.
	MD-01 53 of 150
CONTRACT	PROJECT
IR-33051	0902176



NO PASSING ZONE RPM DETAIL
(FOR LOCAL ROAD APPLICATION)

CL LINE "A" I-69
CL TYP. LOCAL ROAD CROSSING

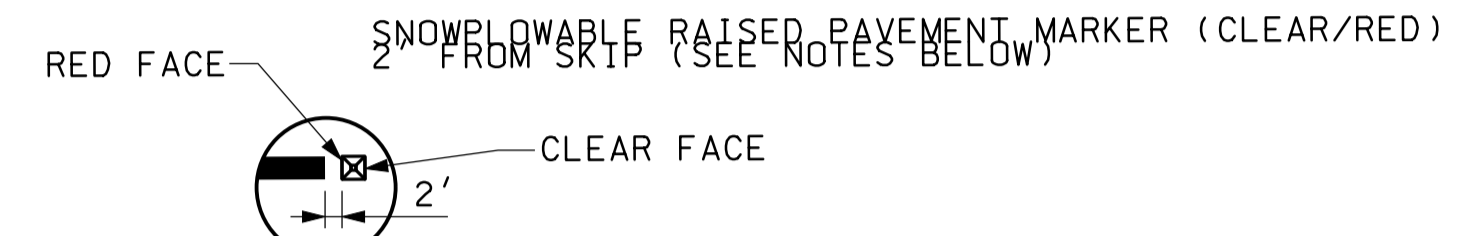
4 IN. SOLID YELLOW LINE
(ACROSS BRIDGES TYP.)

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

YYYY+00

EDGE OF PAVEMENT

NORMAL EDGE OF PCCP PAVEMENT

80'

30'

10'

11'-6"

11'-6"

4'-0"

12'-0"

10'-0" SHOULDER PAVING

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)

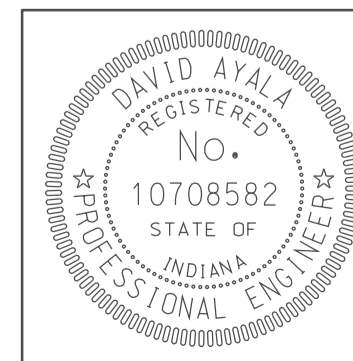
4 IN. SOLID DOUBLE YELLOW LINE

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

09/27
 10/10/2010
 IP_PWP-848602455EGEM.P001.dgn



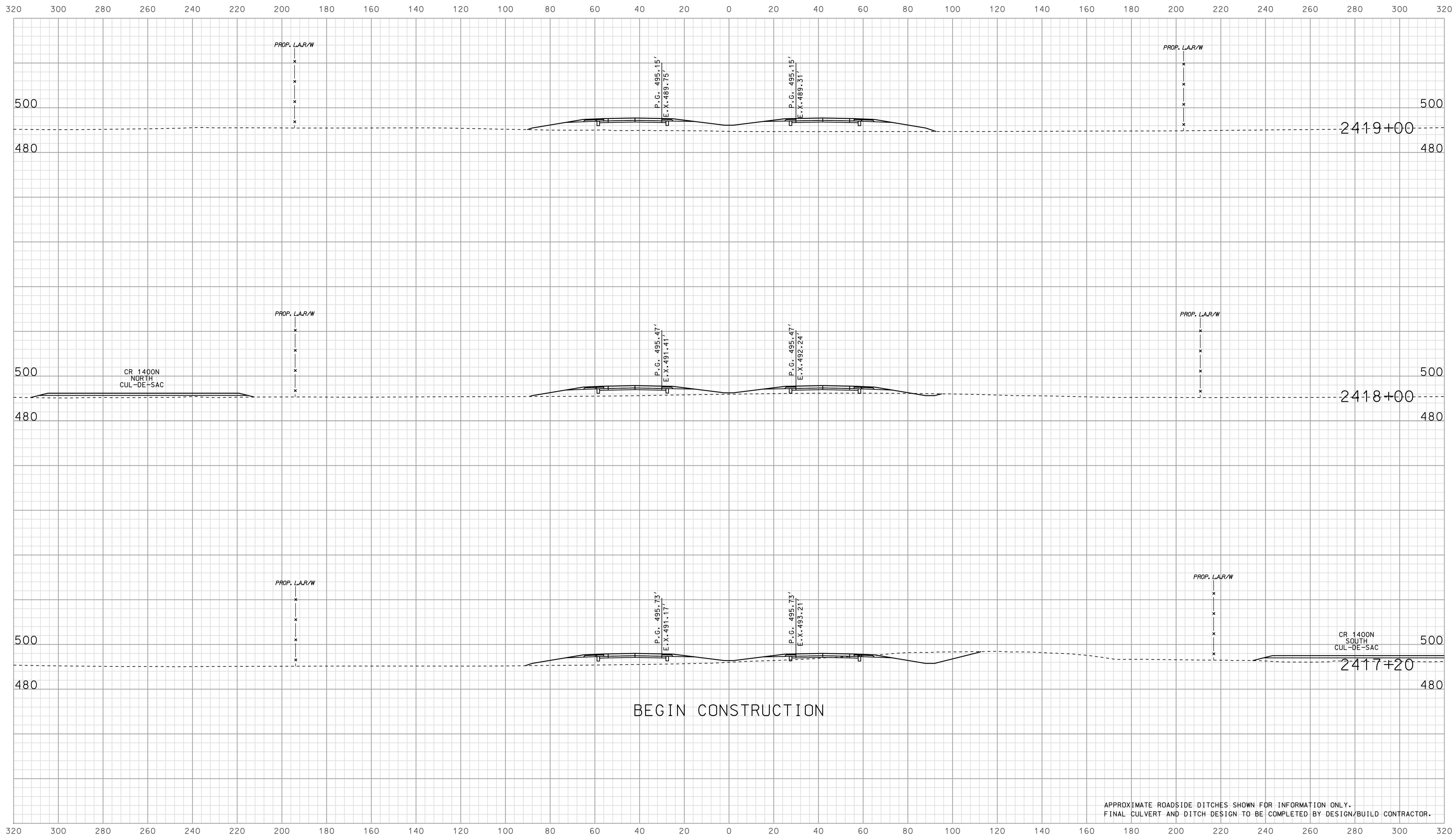
RECOMMENDED FOR APPROVAL *com jg*
DESIGN ENGINEER DATE 5/5/10

DESIGNED: BEJ DRAWN: DH
CHECKED: SNM CHECKED: DMA

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAIL

HORIZONTAL SCALE 1" = 30'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 0902176
SURVEY BOOK	DWG. NO. SHEET NO. MP-01 54 of 150
CONTRACT IR-33051	PROJECT 0902176



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

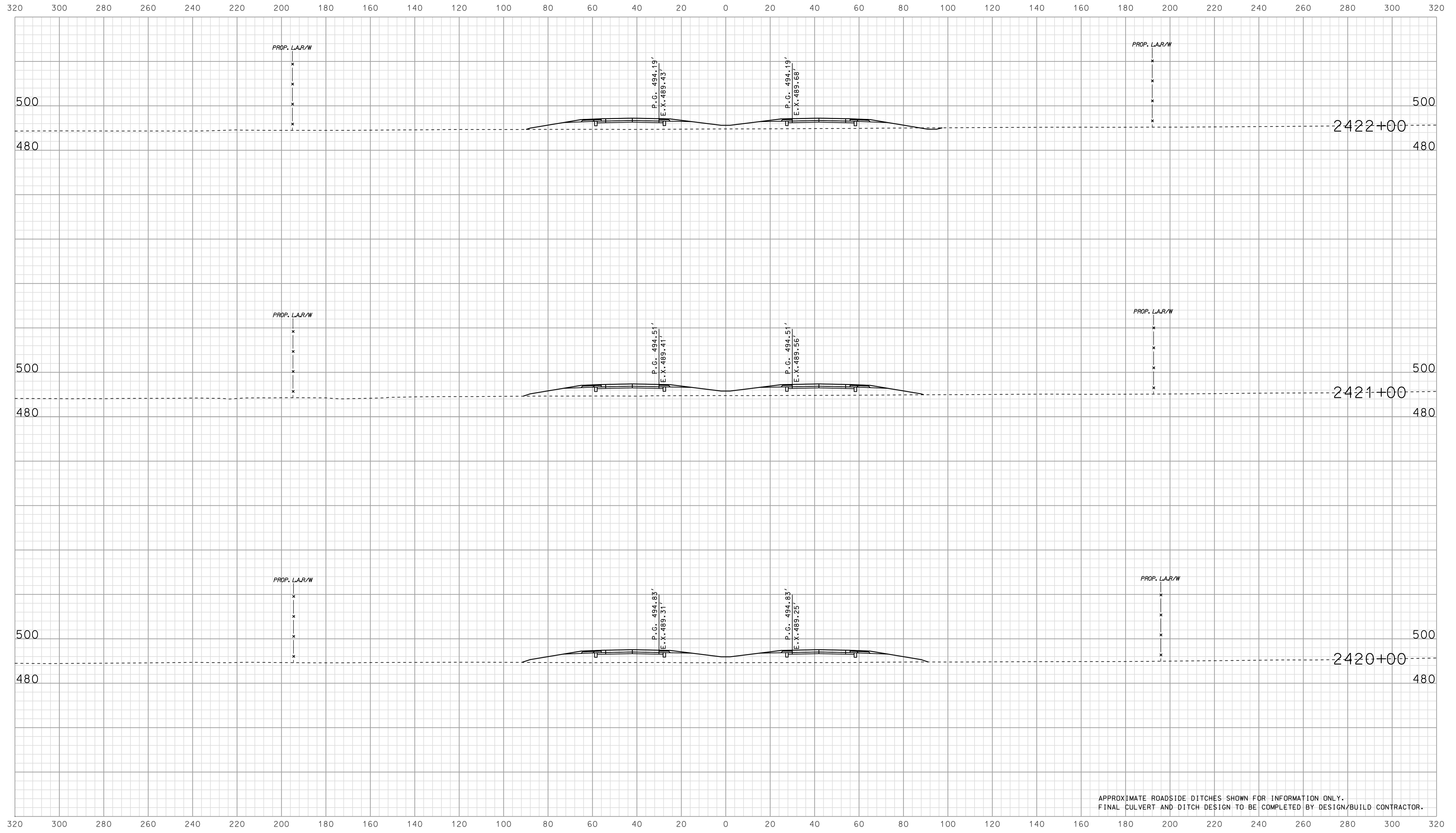
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS
LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-01	SHEET NO. 55 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

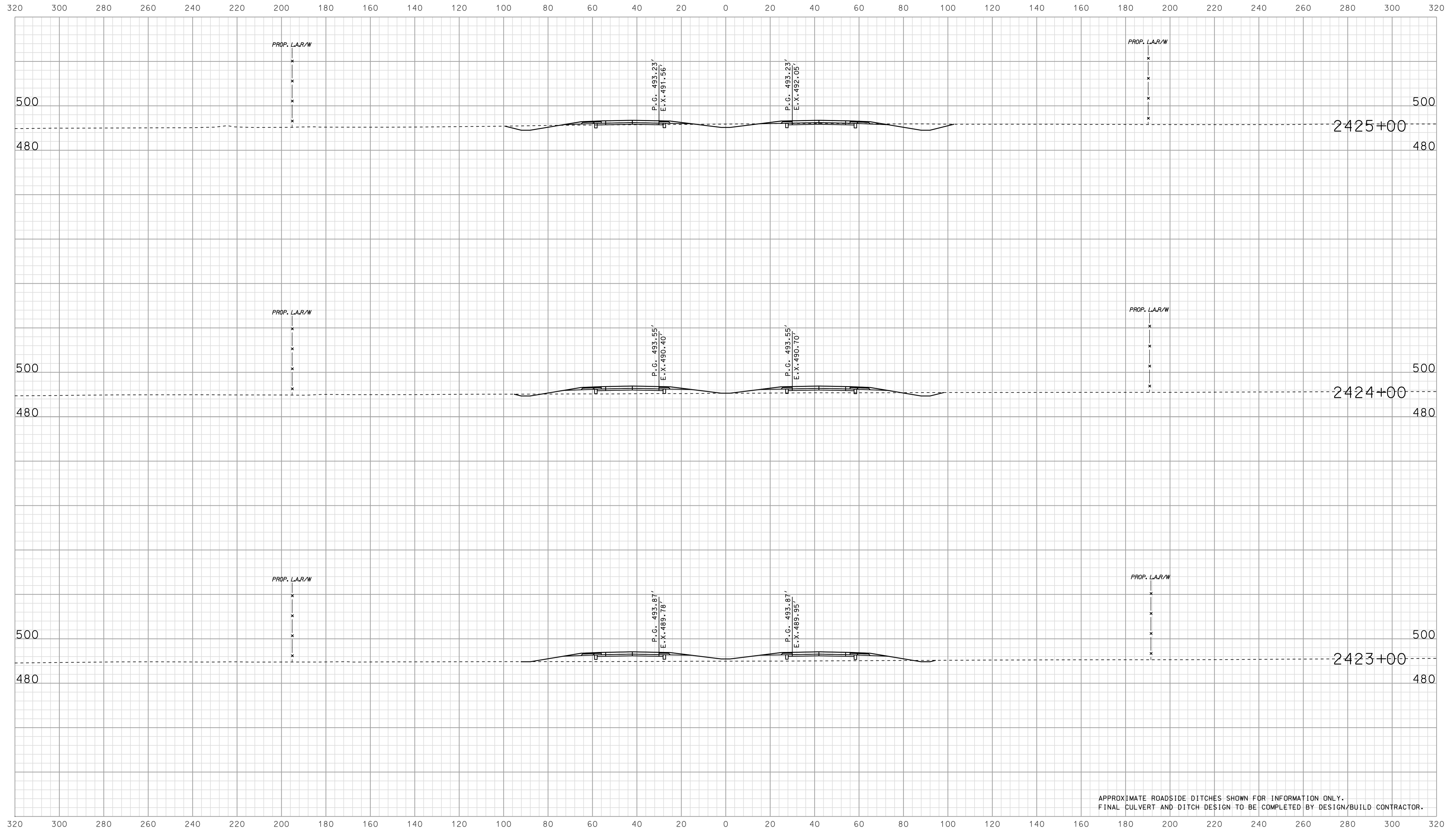
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: BJO	DRAWN: DH		
CHECKED: NOH	CHECKED: DMA		

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-02	SHEET NO. 56 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

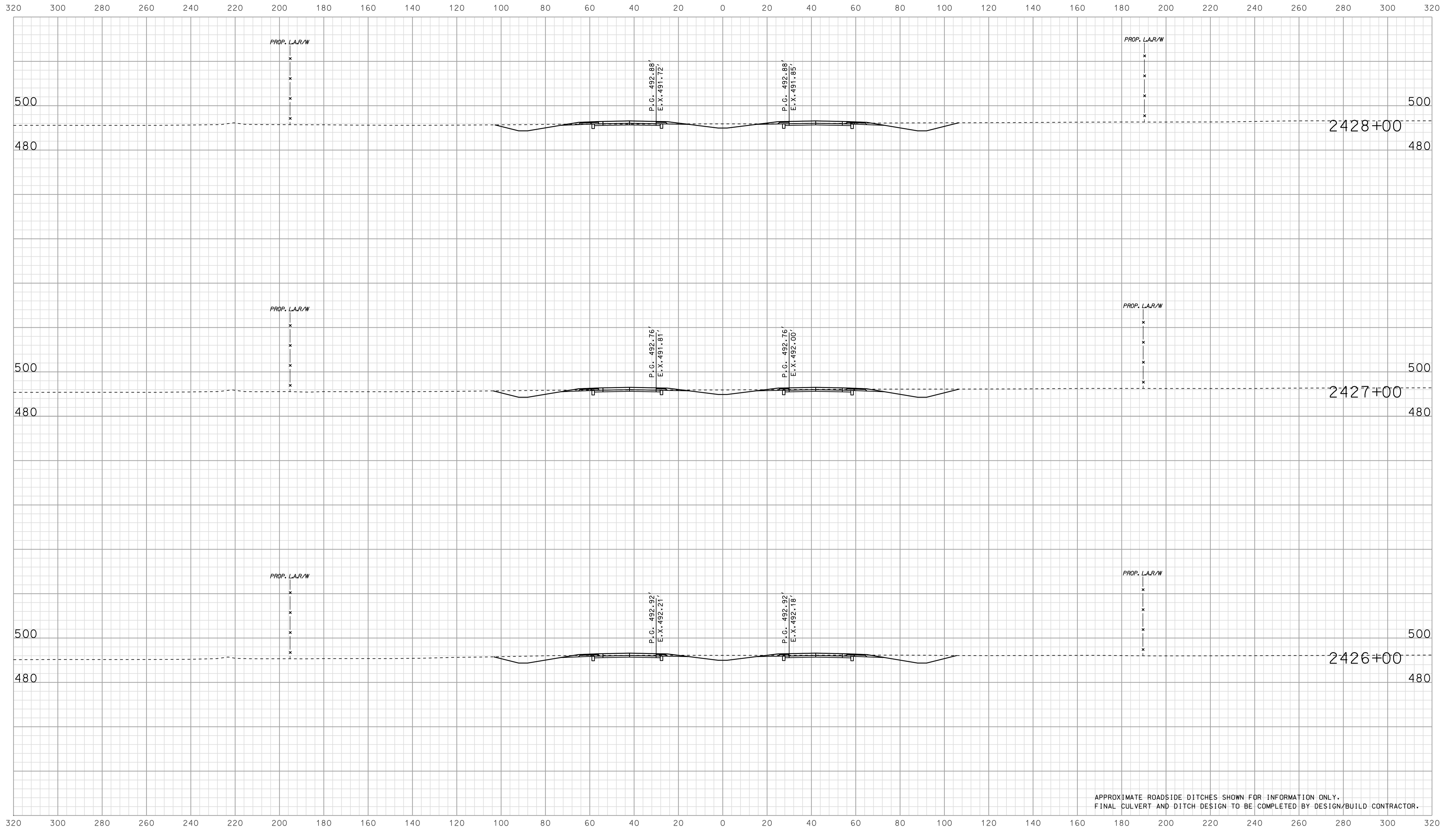
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-03	SHEET NO. 57 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

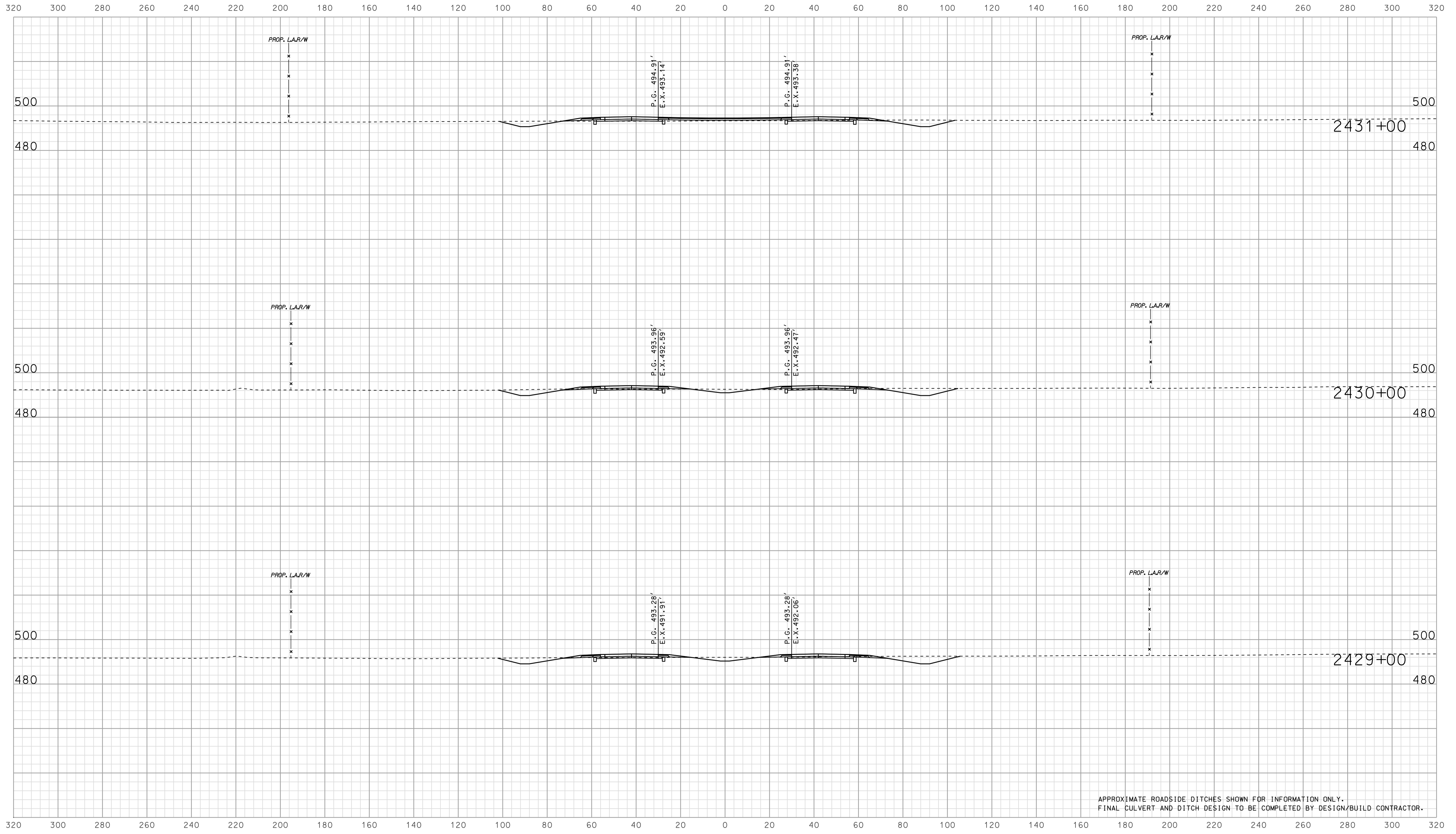
06659
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-04	SHEET NO. 58 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

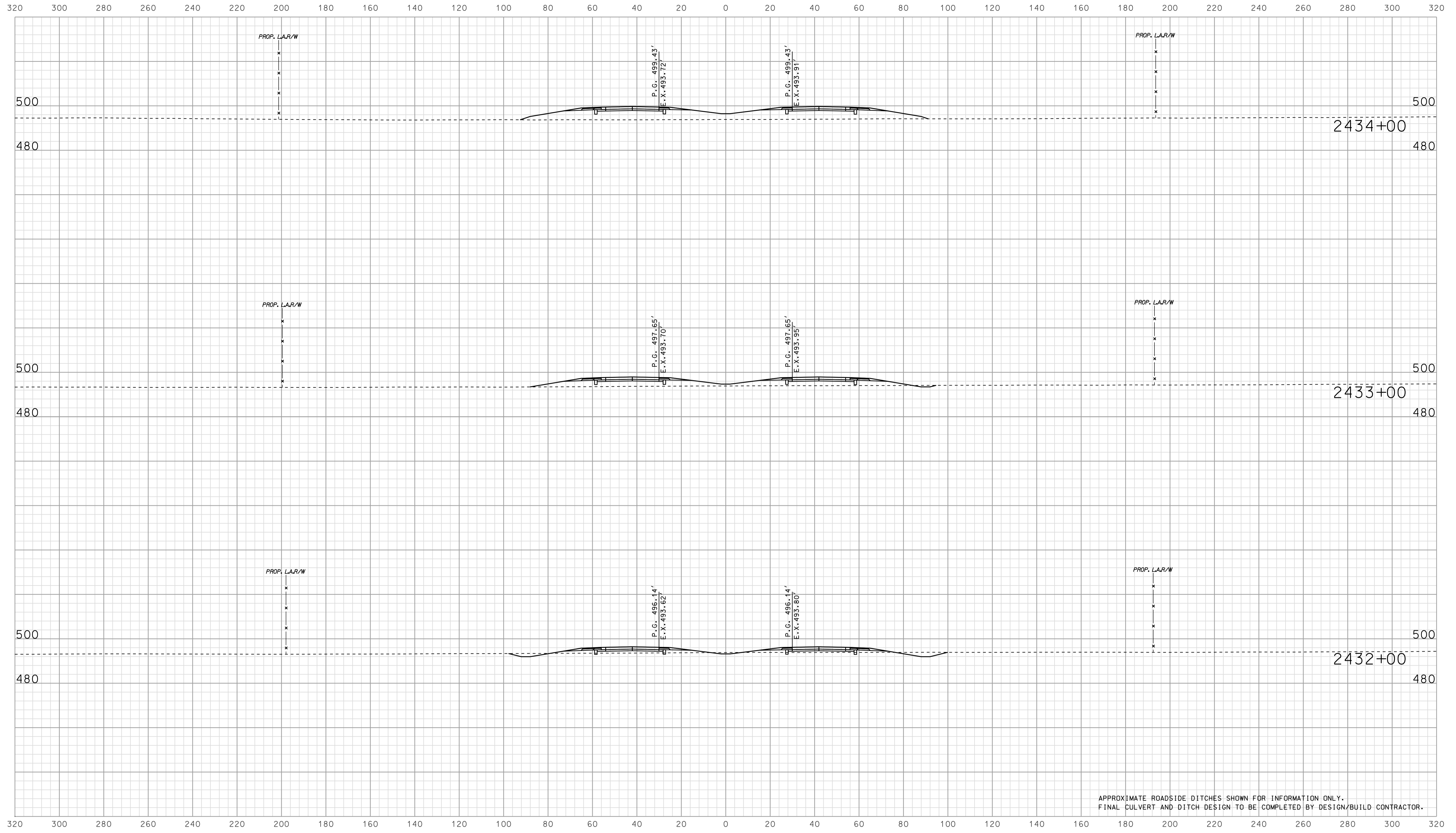
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-05	SHEET NO. 59 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

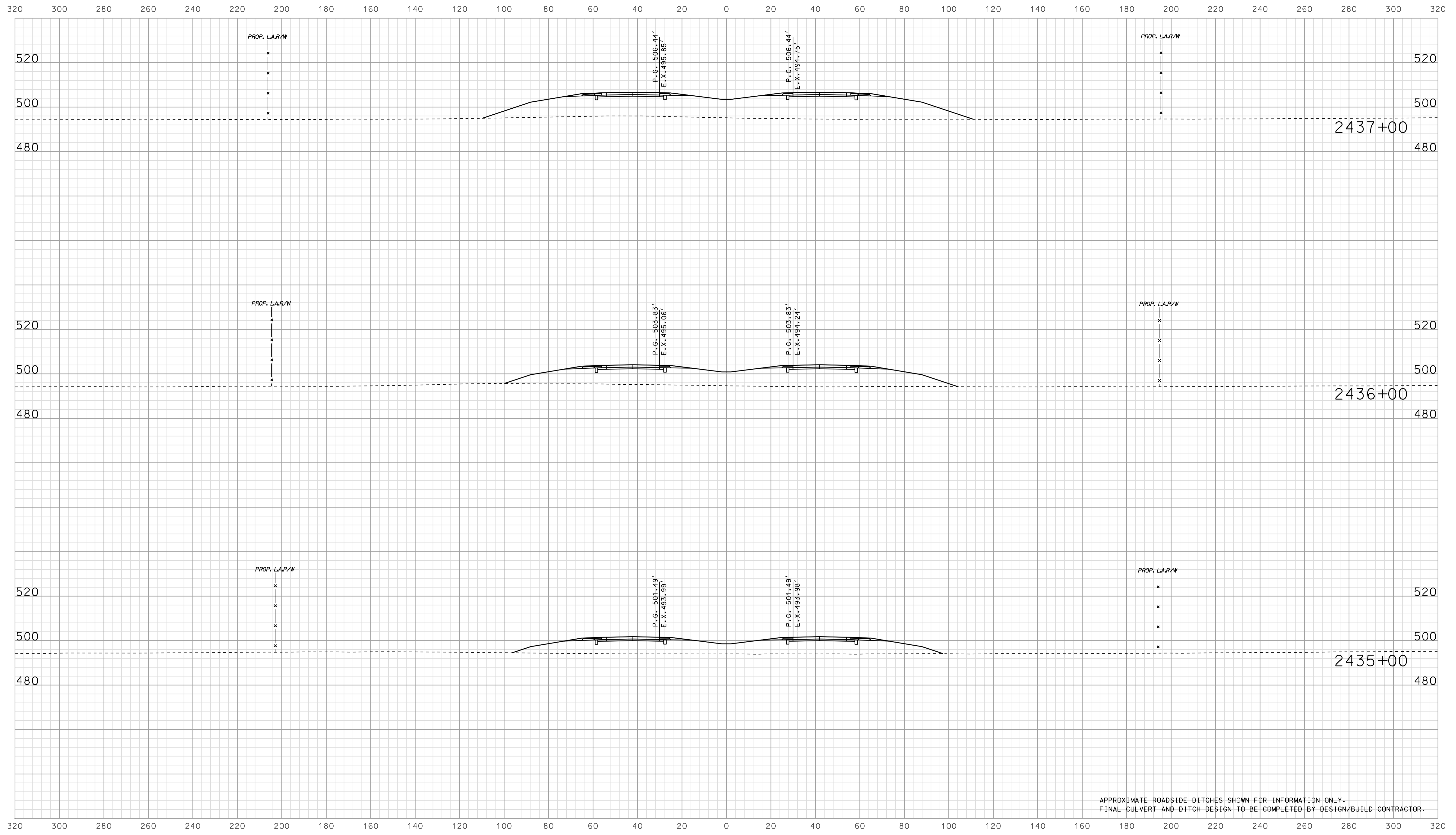
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: BJO	DRAWN: DH		
CHECKED: NOH	CHECKED: DMA		

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-06	SHEET NO. 60 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

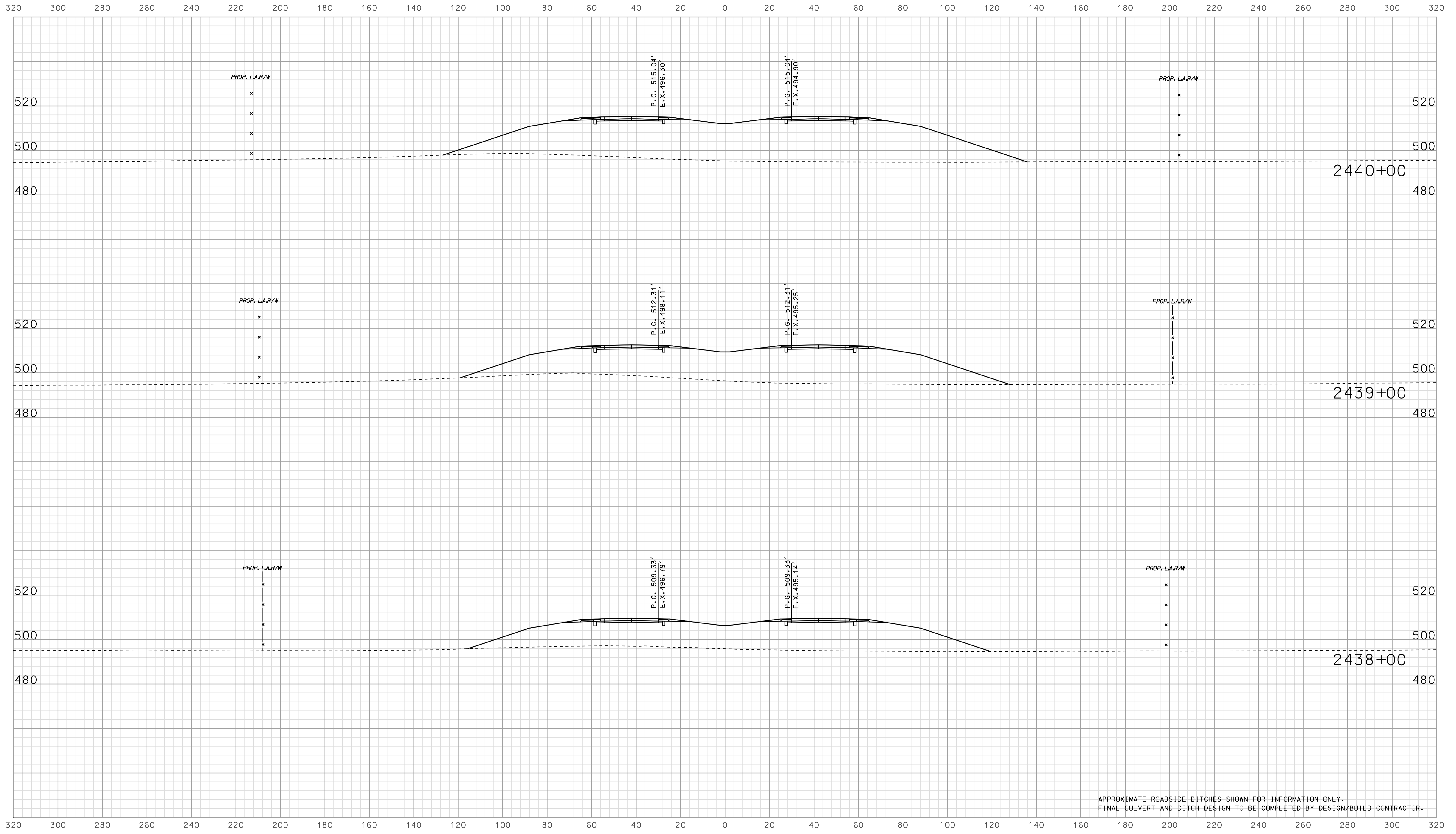
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-07	SHEET NO. 61 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
 FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

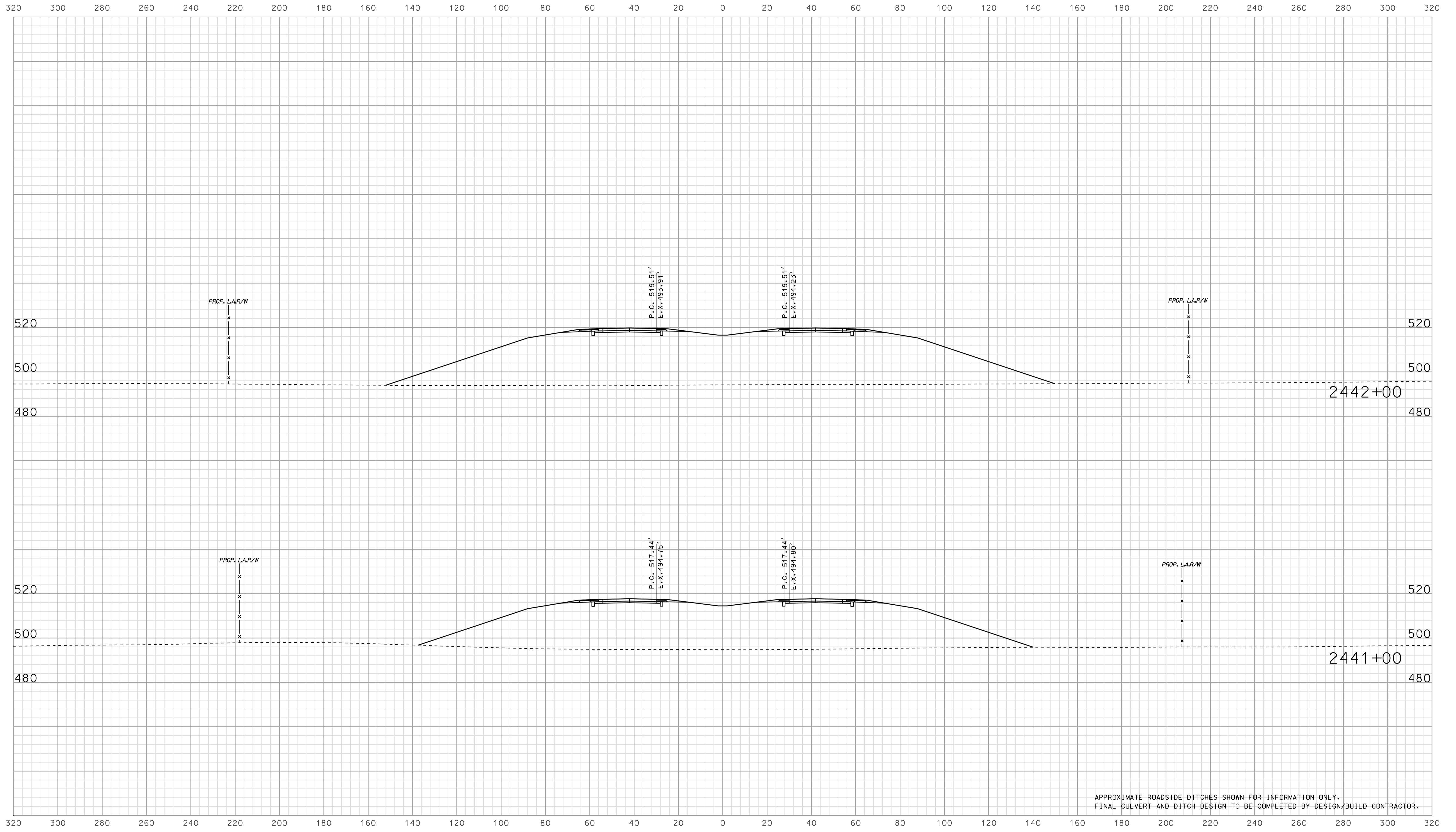
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-08	SHEET NO. 62 of 150
CONTRACT IR-33051	PROJECT 0902176	



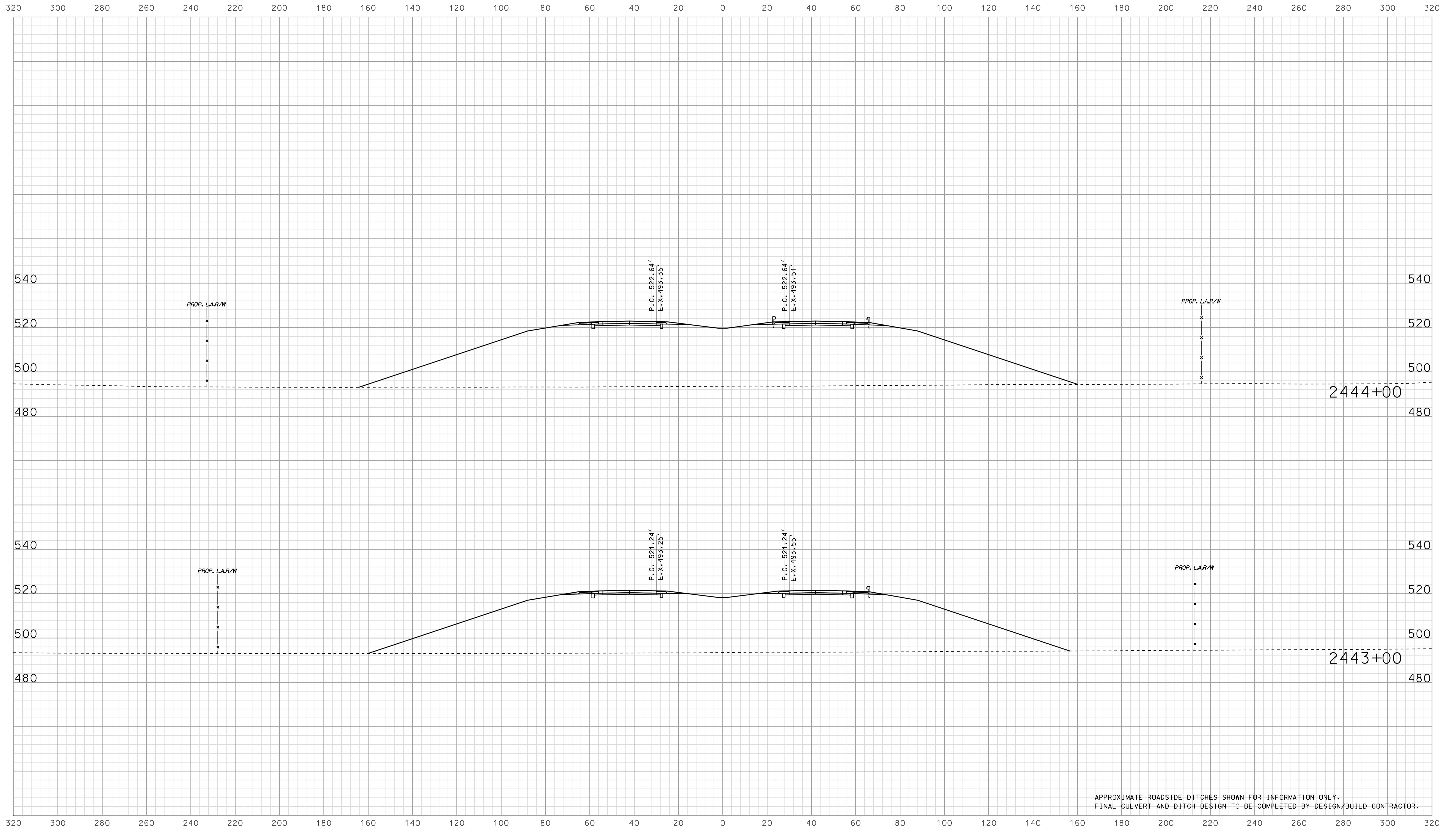
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-09	SHEET NO. 63 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

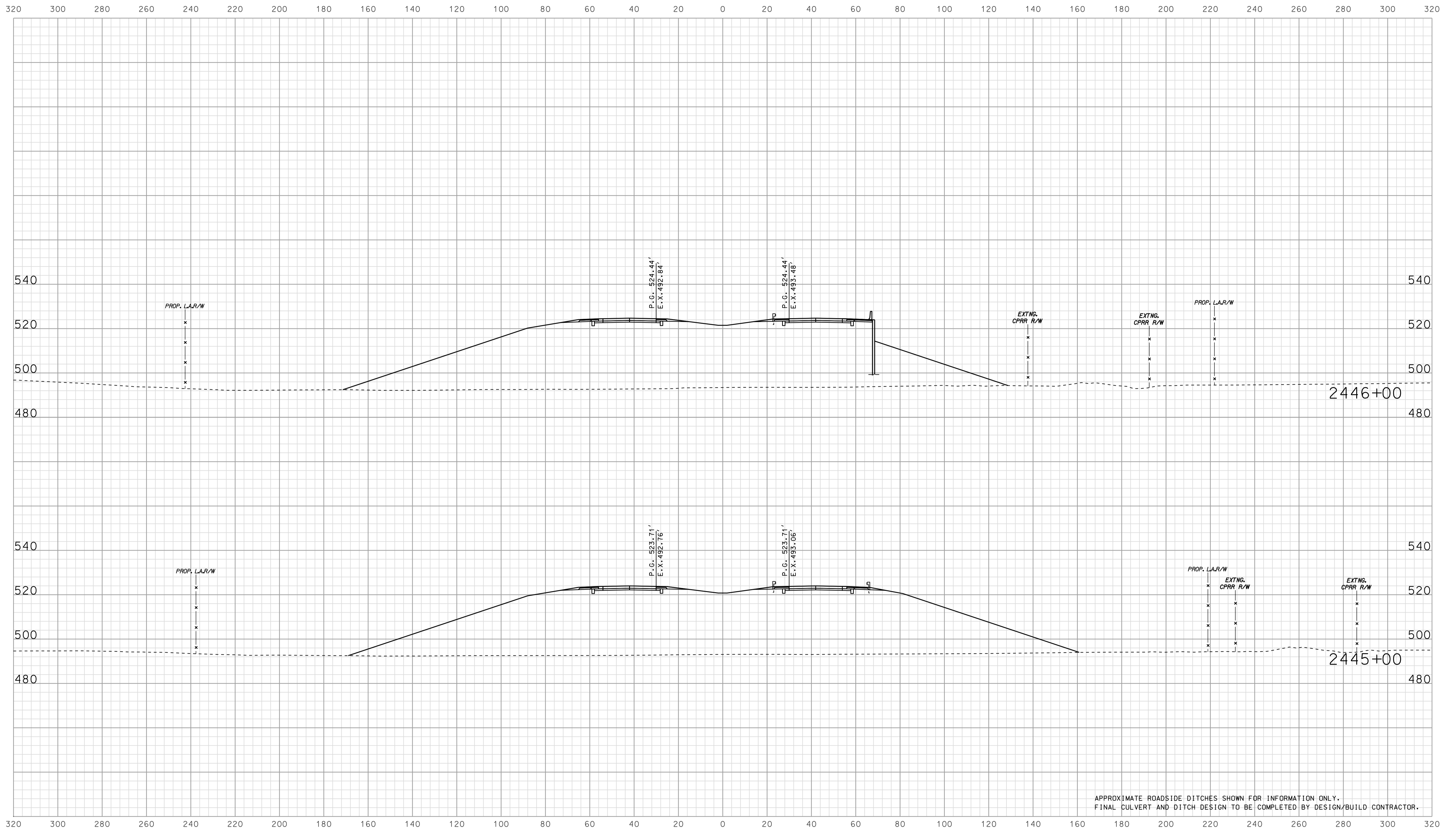
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-10	64 of 150	
CONTRACT		PROJECT	
IR-33051		0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

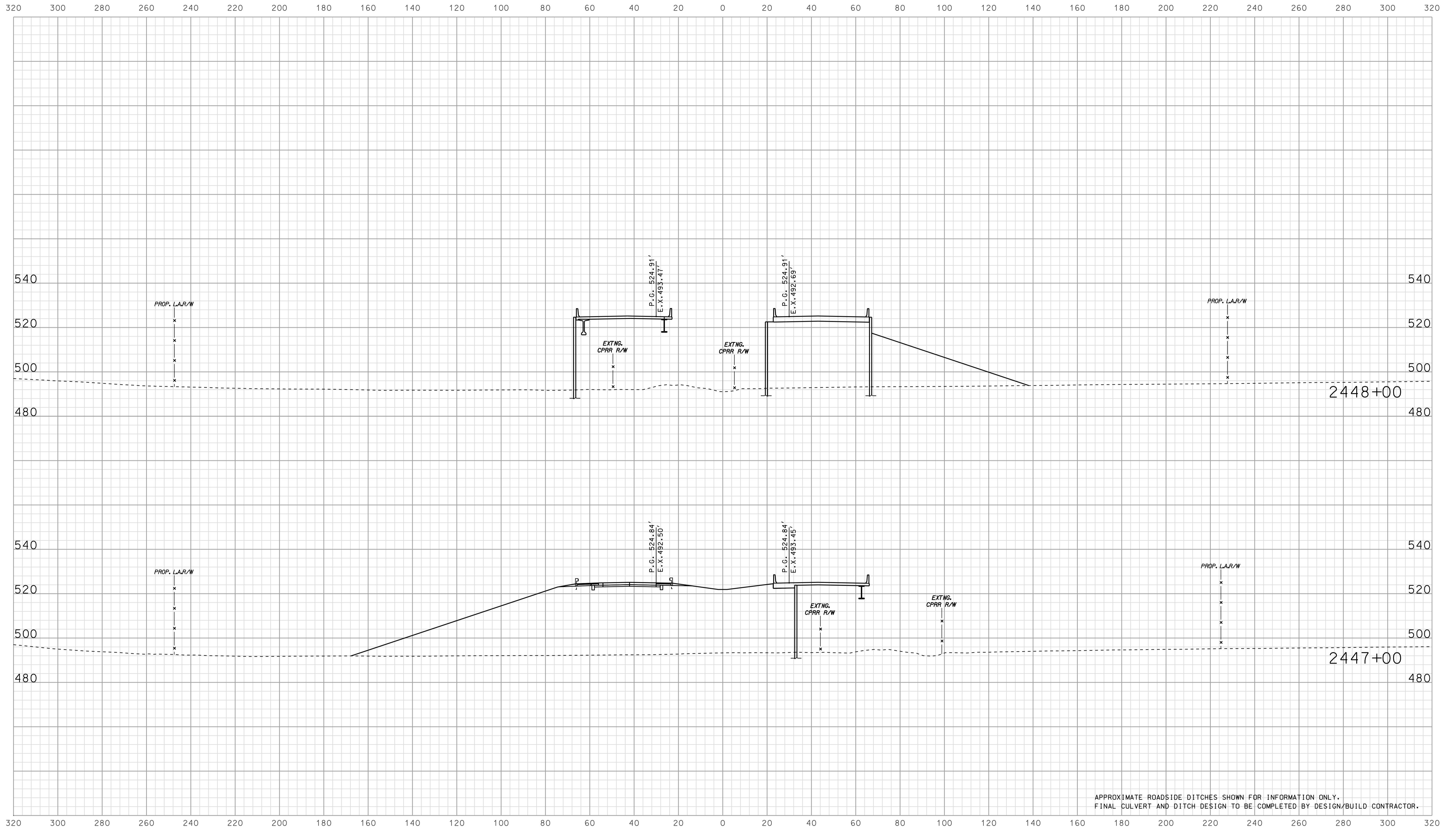
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-11	65 of 150	
CONTRACT		PROJECT	
IR-33051		0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

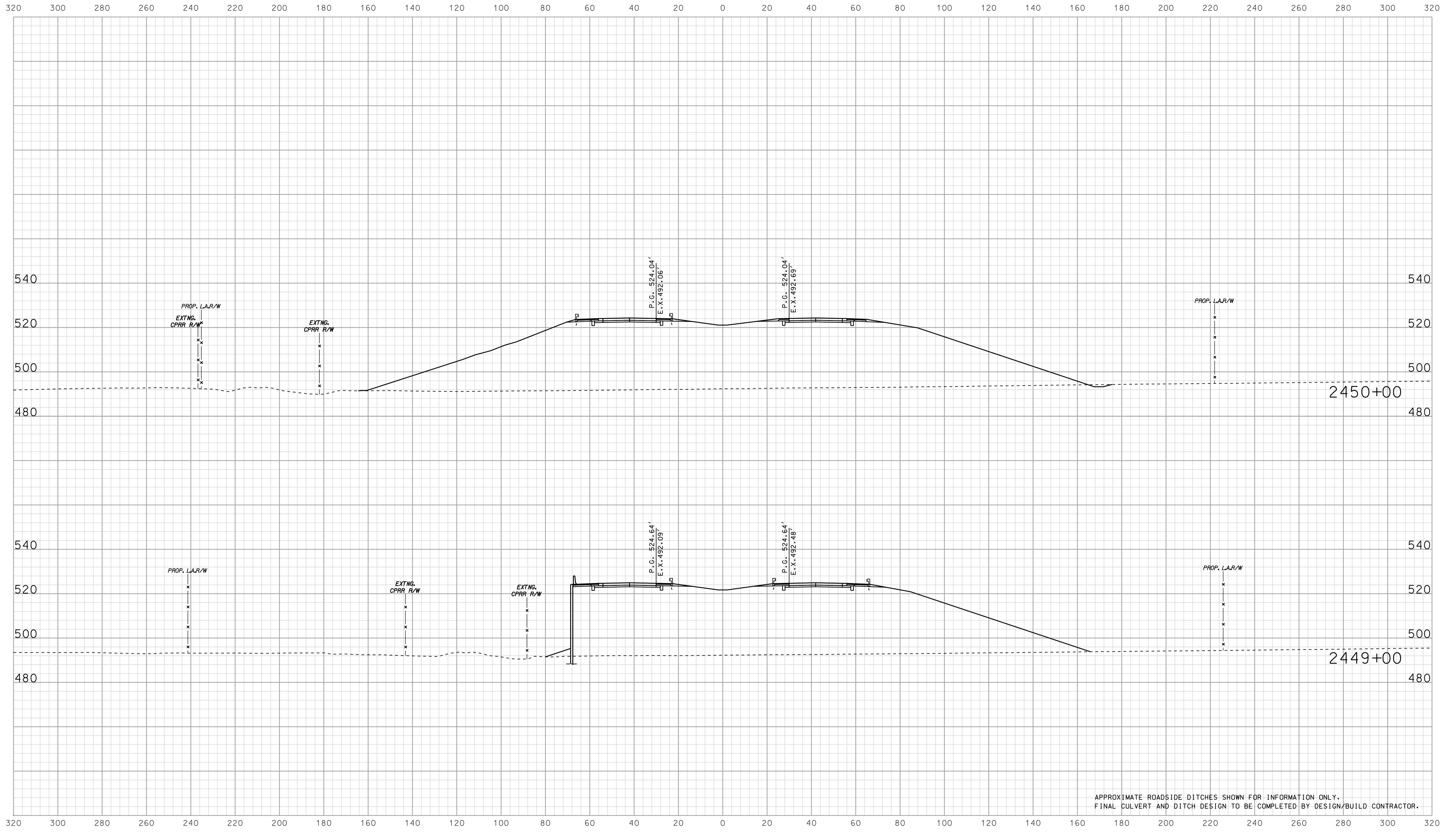
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: BJO	DRAWN: DH		
CHECKED: NOH	CHECKED: DMA		

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-12	SHEET NO. 66 of 150
CONTRACT IR-33051	PROJECT 0902176	



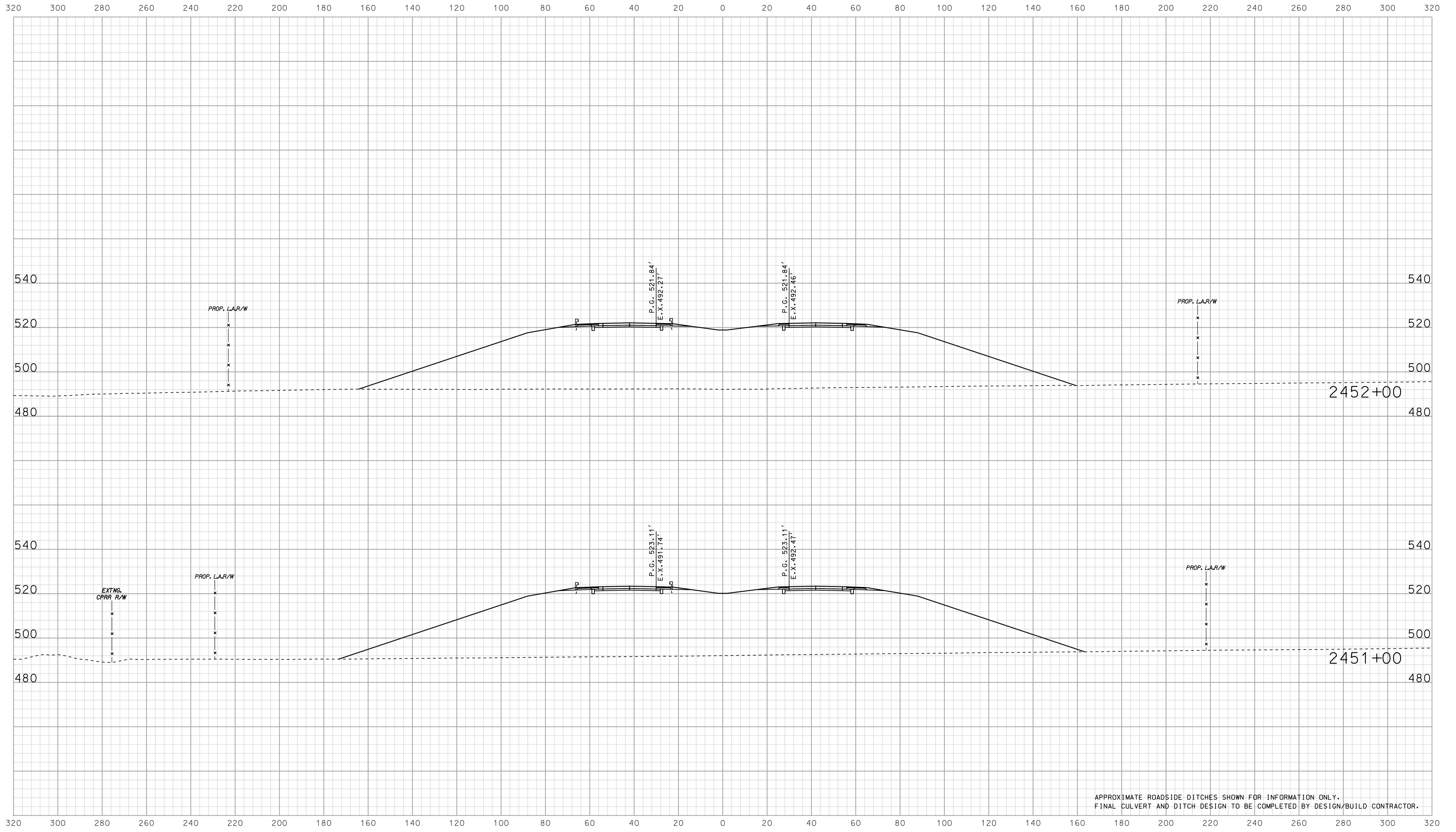
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH		
CHECKED: NOH	CHECKED: DMA		

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-13	SHEET NO. 67 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

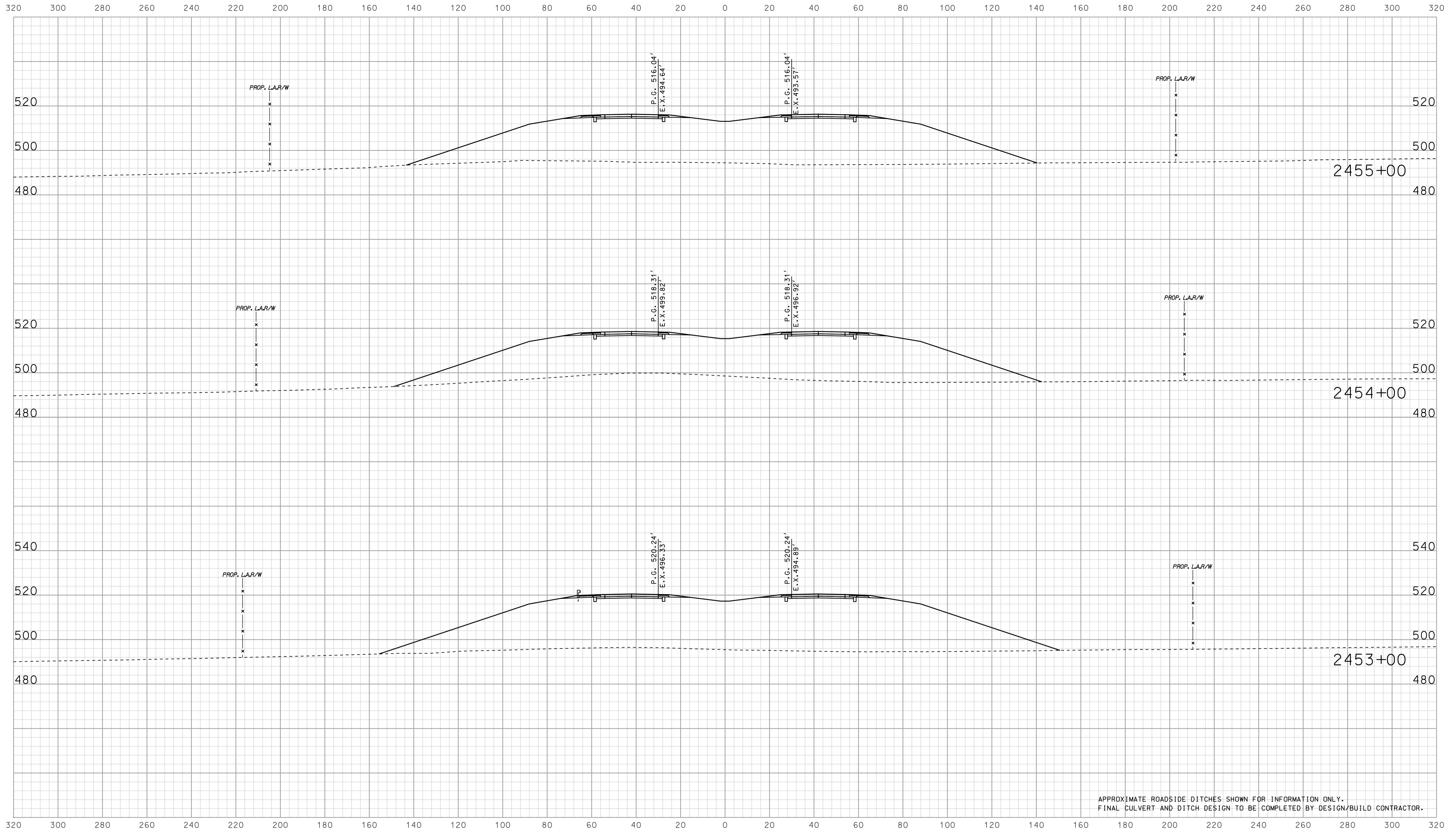
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-14	68 of 150	
CONTRACT	PROJECT		
IR-33051	0902176		



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

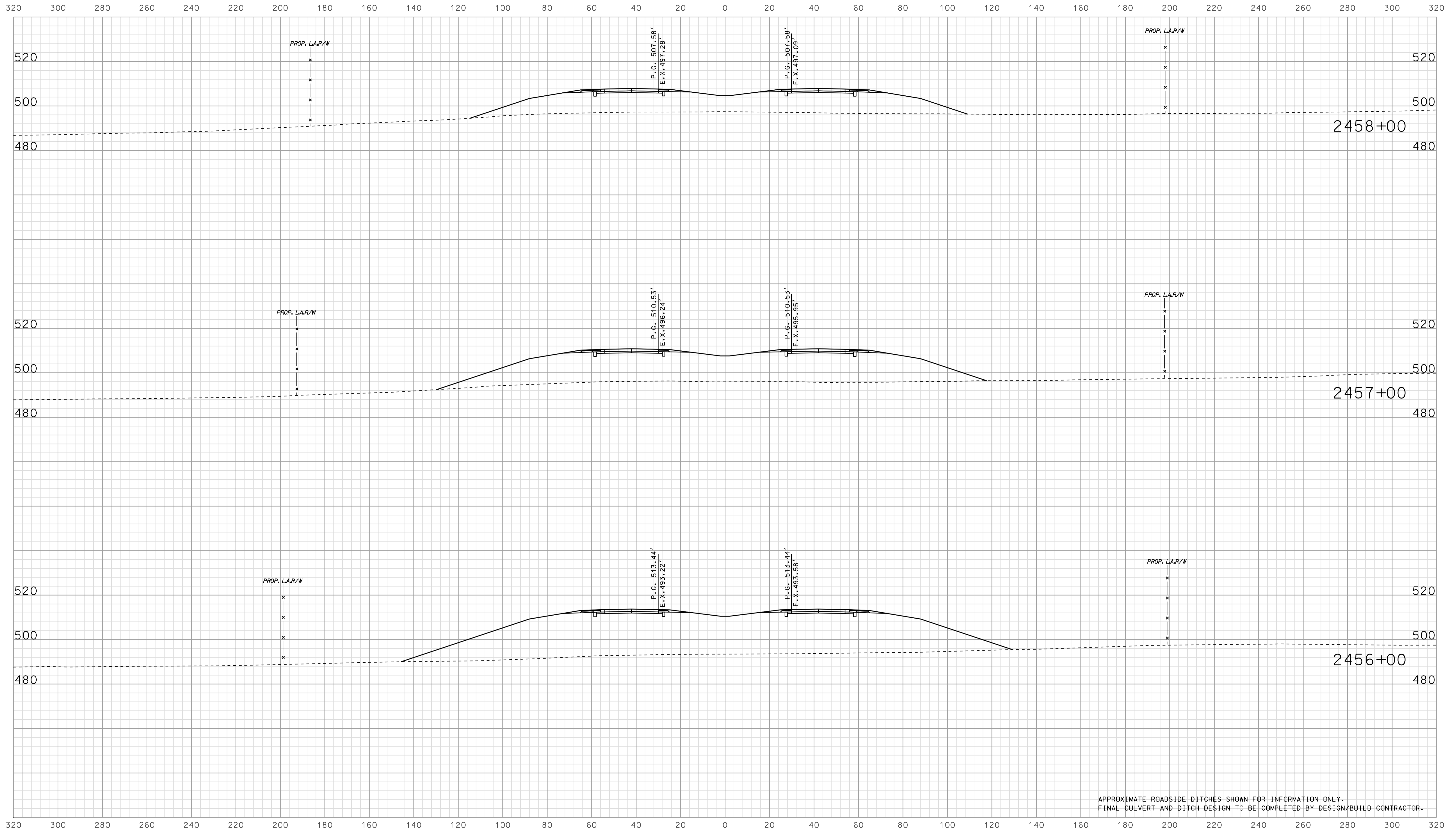
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-15	SHEET NO. 69 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

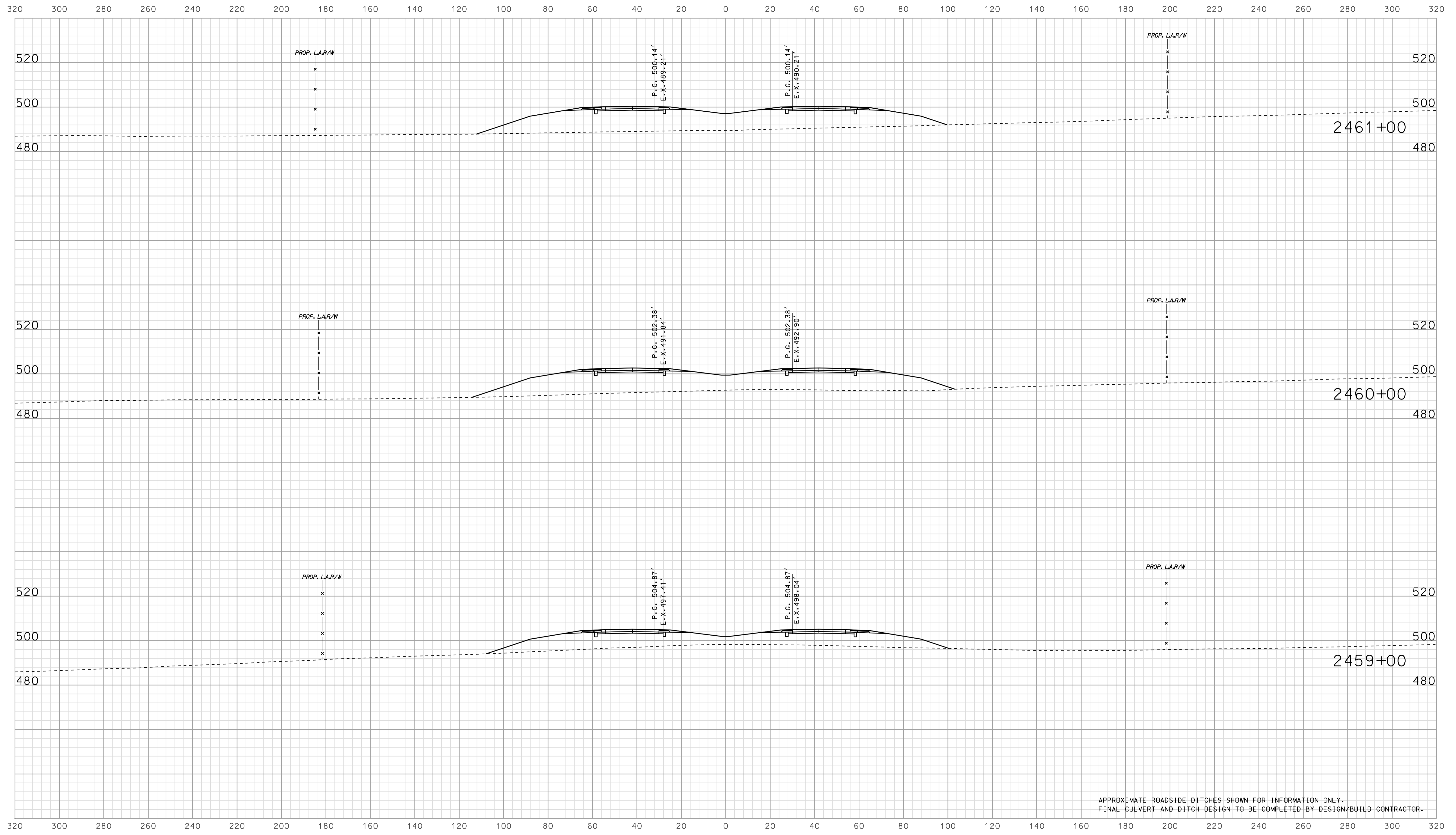
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-16	SHEET NO. 70 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

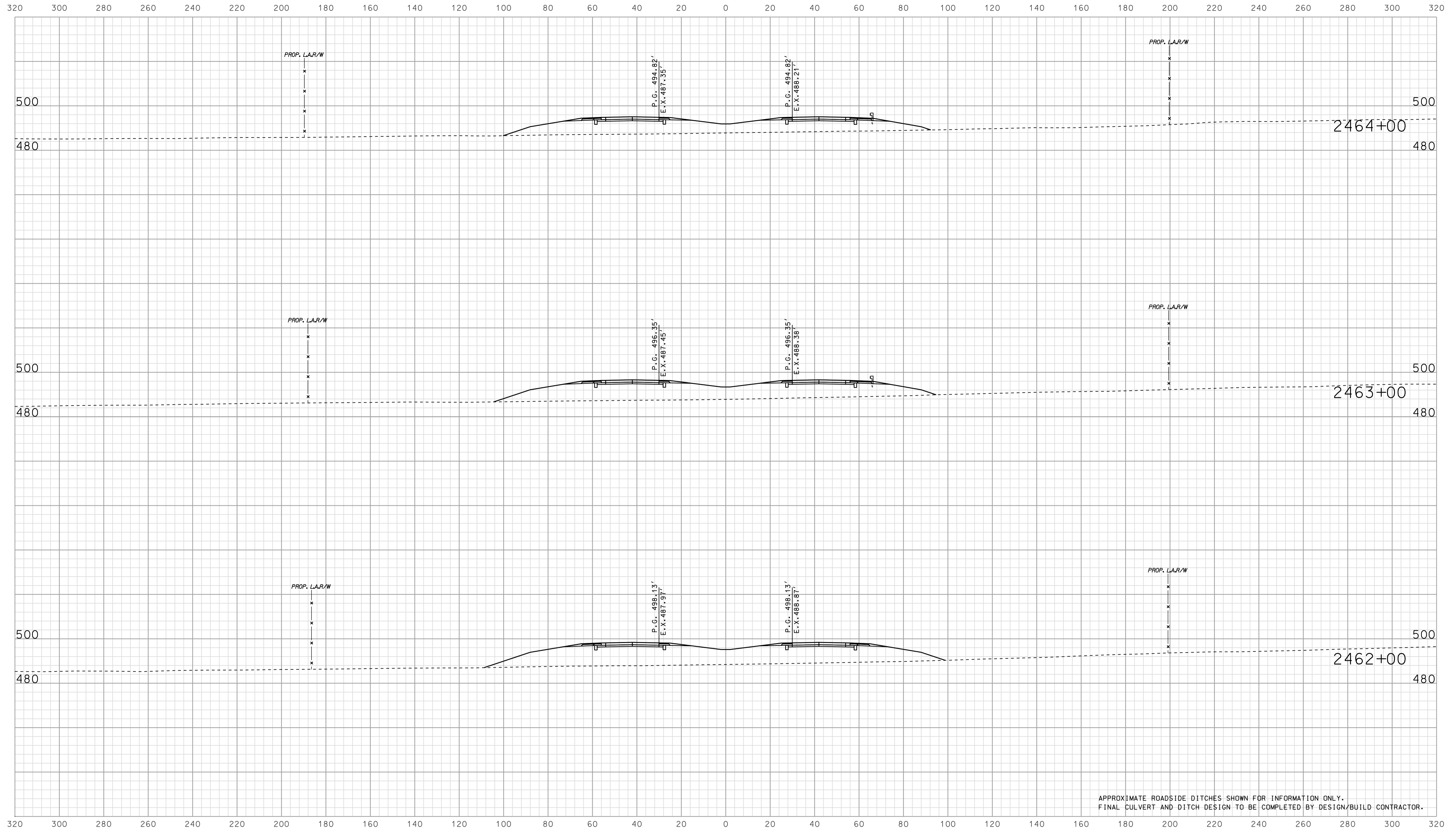
07/21
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.	
	XS-17	71 of 150	
CONTRACT	PROJECT		
IR-33051	0902176		



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

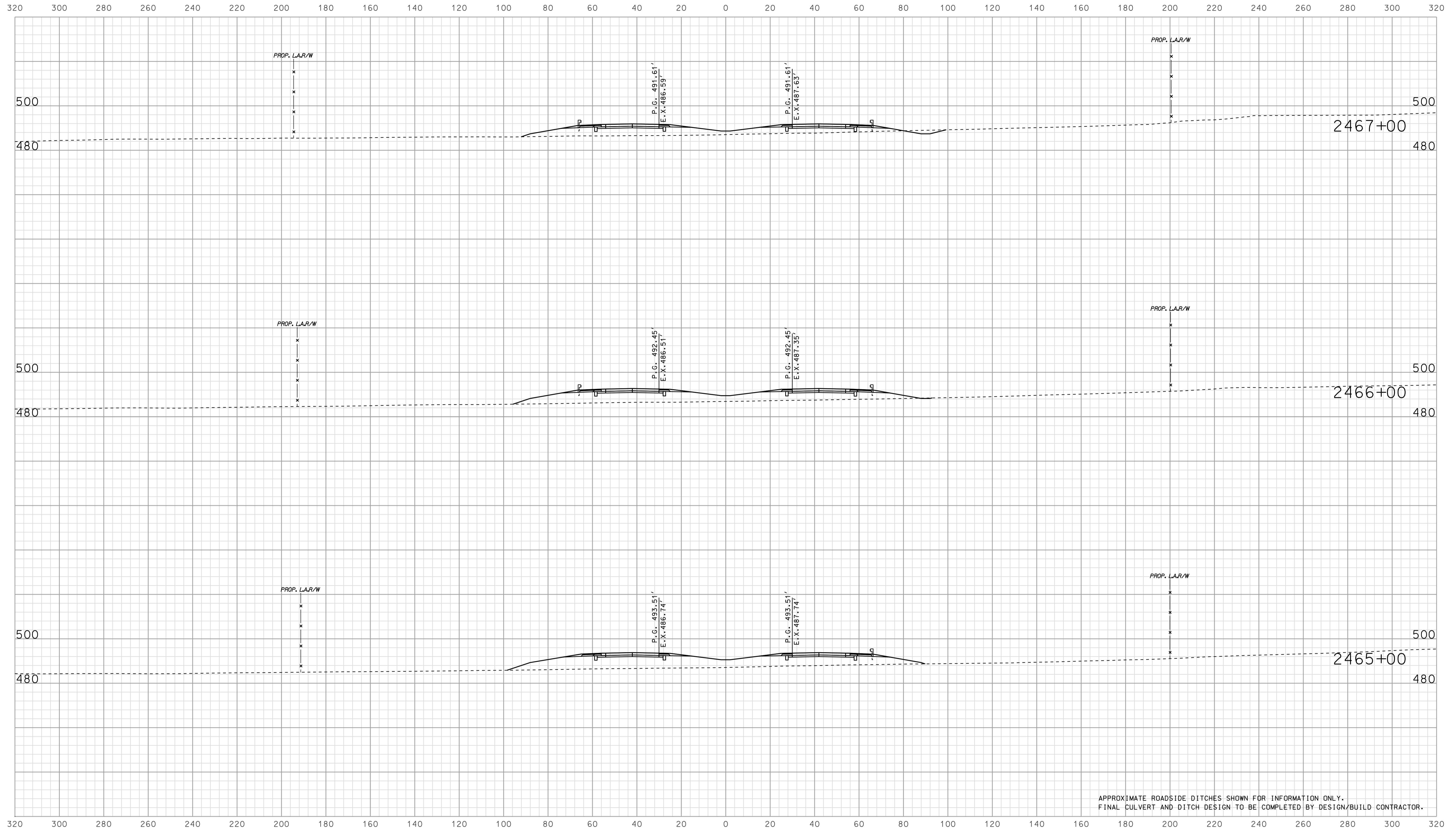
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: BJO	DRAWN: DH		
CHECKED: NOH	CHECKED: DMA		

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-18	SHEET NO. 72 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

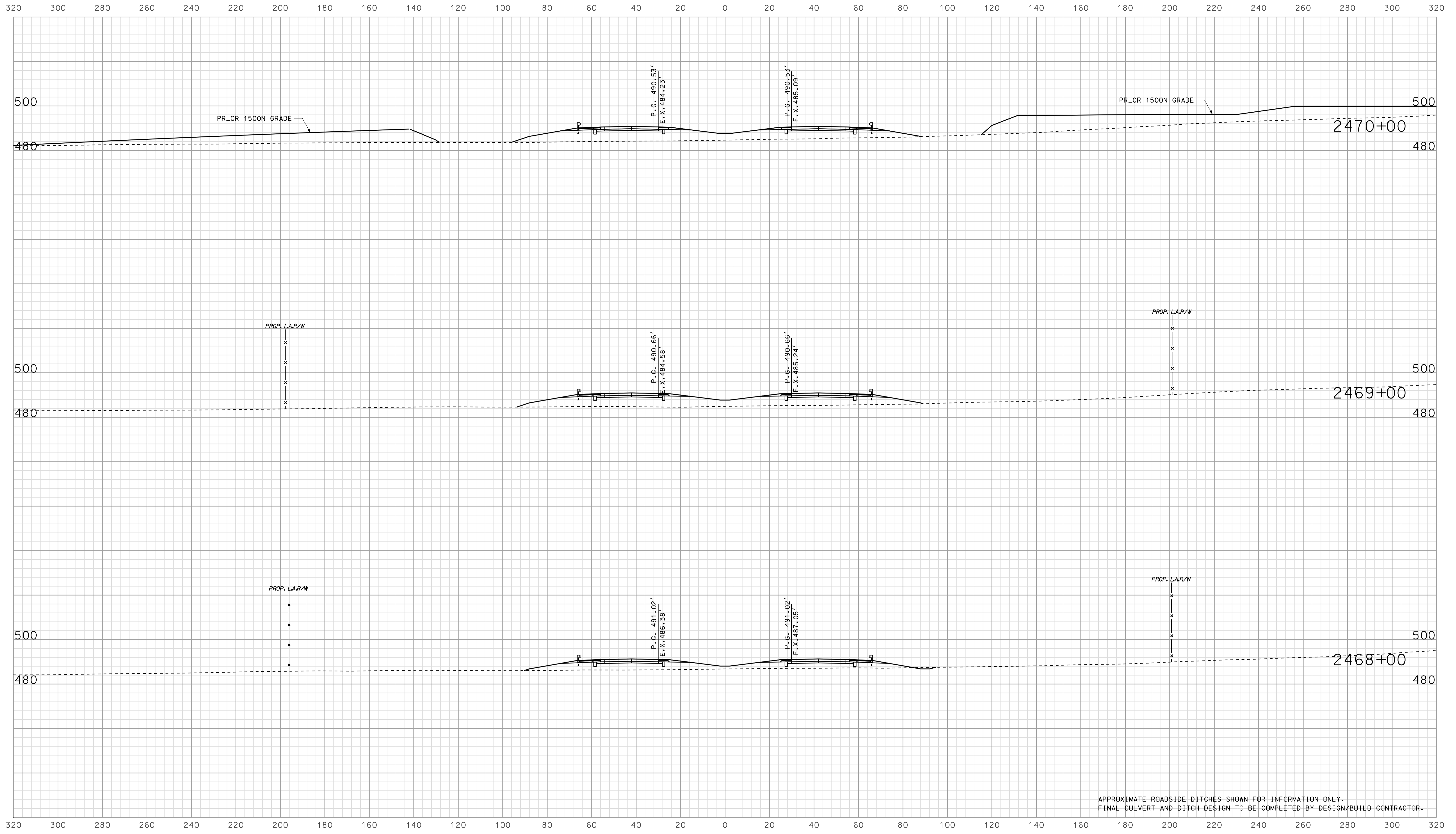
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
1" = 20'	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-19	73 of 150
CONTRACT	PROJECT	
IR-33051	0902176	



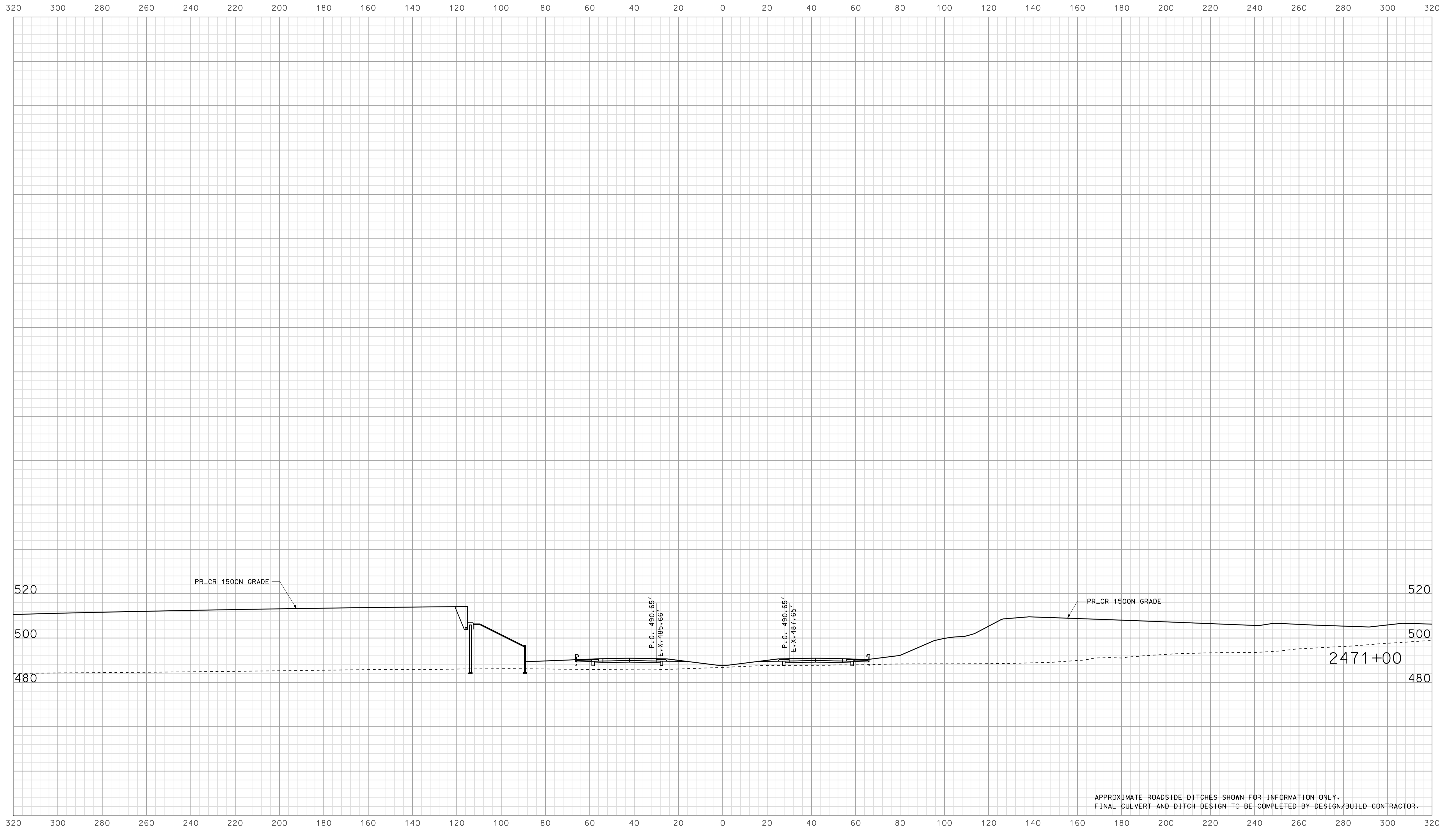
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-20	SHEET NO. 74 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

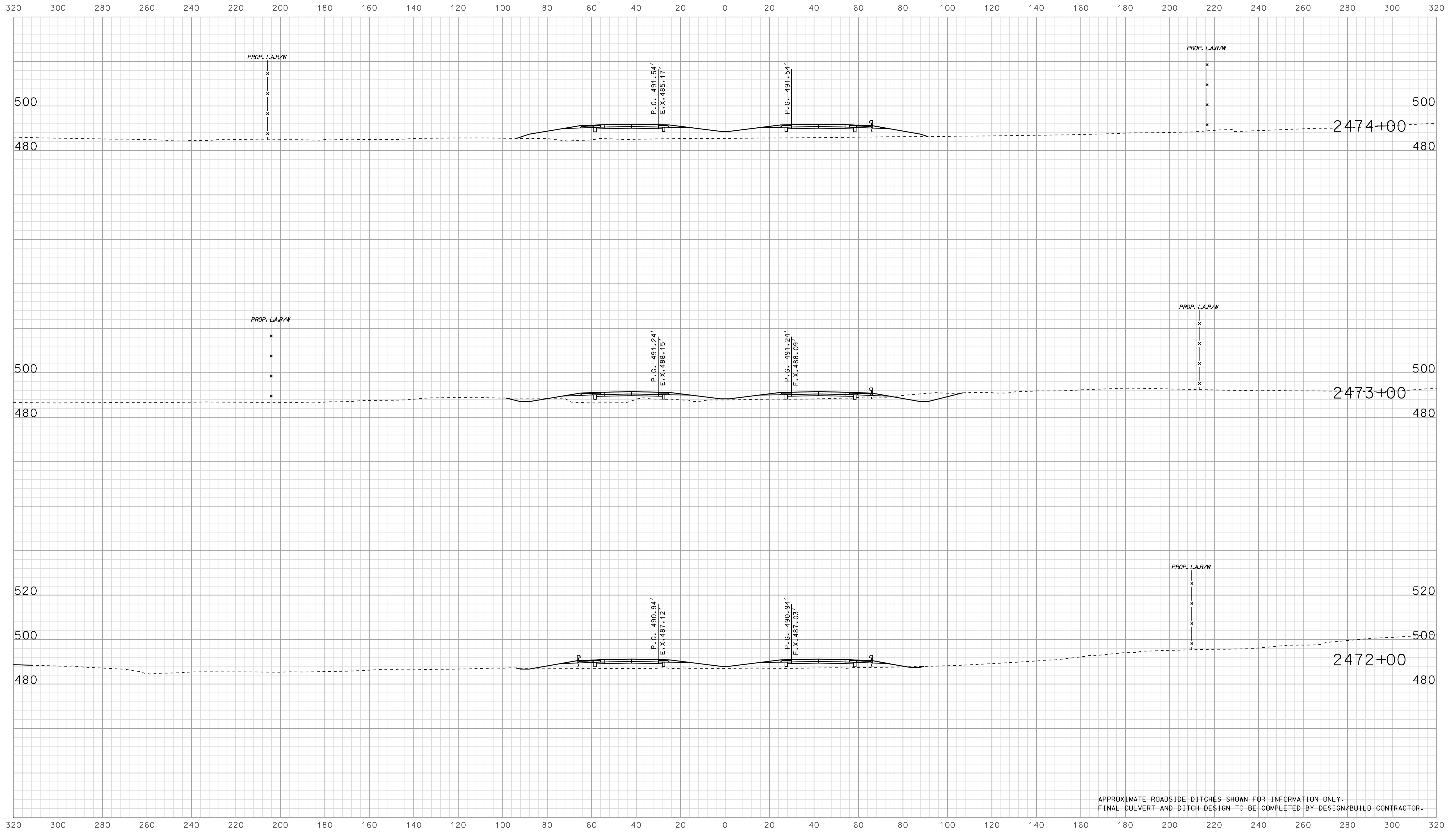
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-21	SHEET NO. 75 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

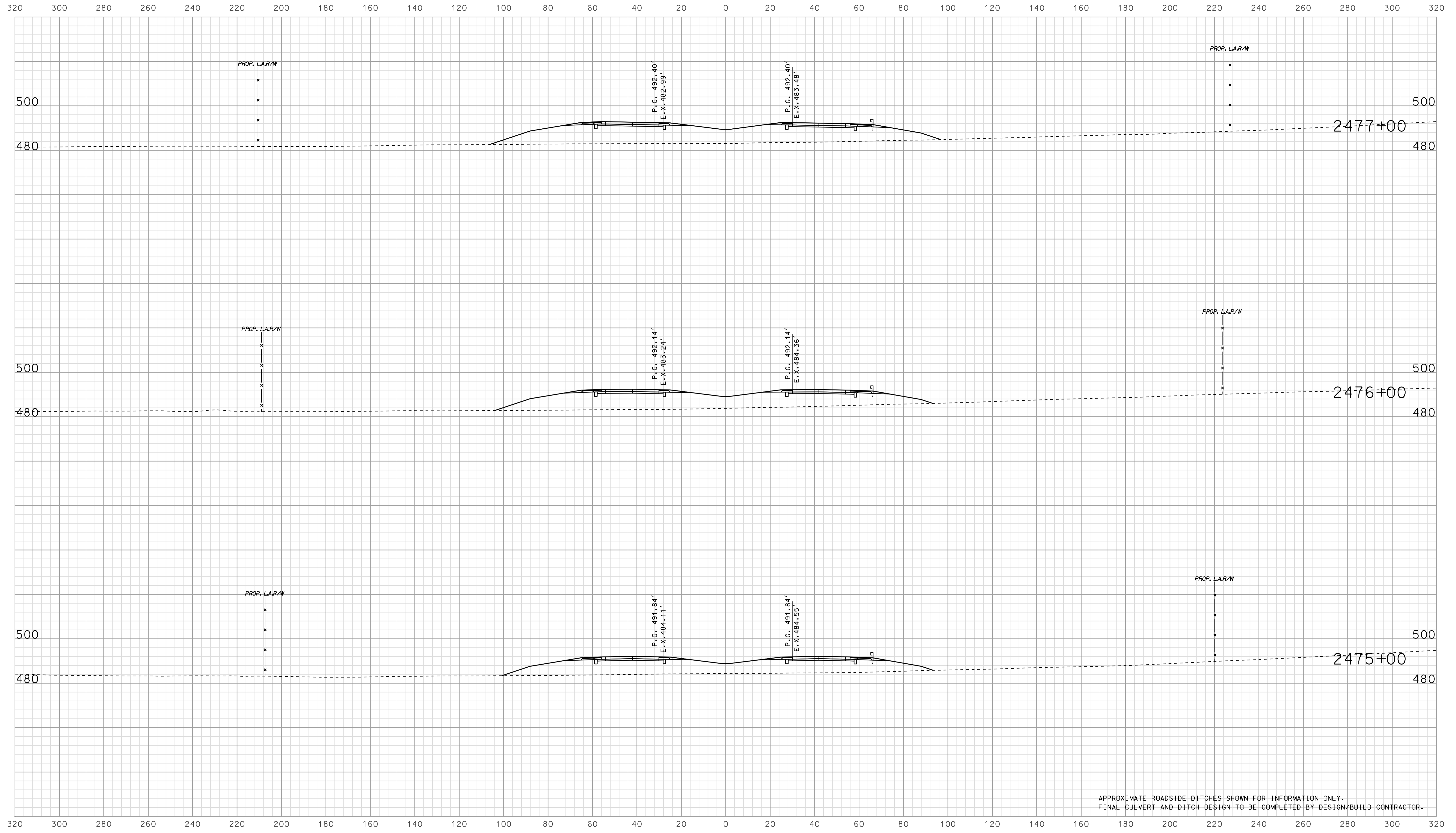
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: BJO	DRAWN: DH		
CHECKED: NOH	CHECKED: DMA		

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-22	SHEET NO. 76 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

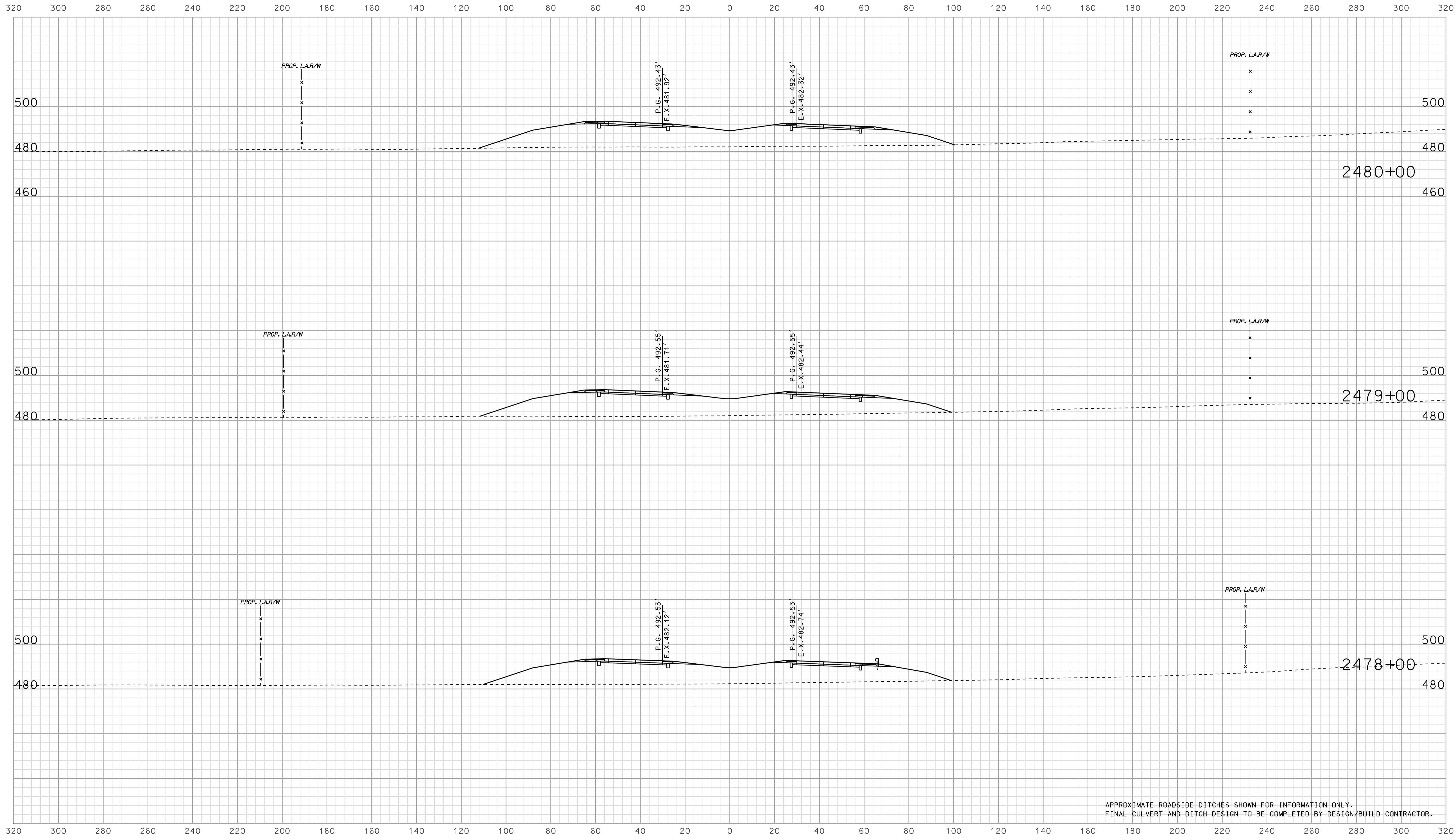
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-23	77 of 150	
PROJECT		PROJECT	
0902176		0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
 FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

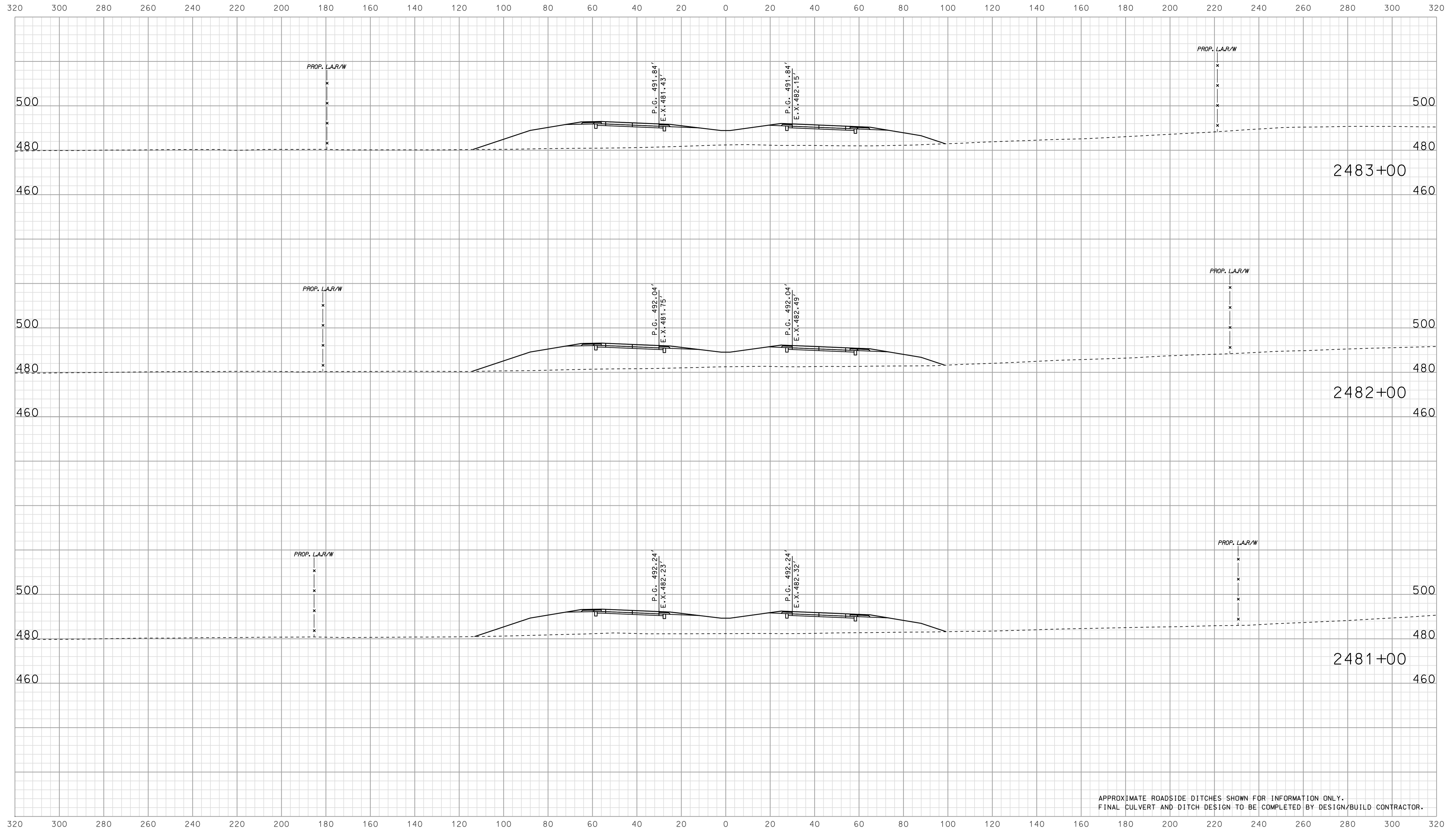
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: BJO	DRAWN: DH		
CHECKED: NOH	CHECKED: DMA		

INDIANA
 DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-24	SHEET NO. 78 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

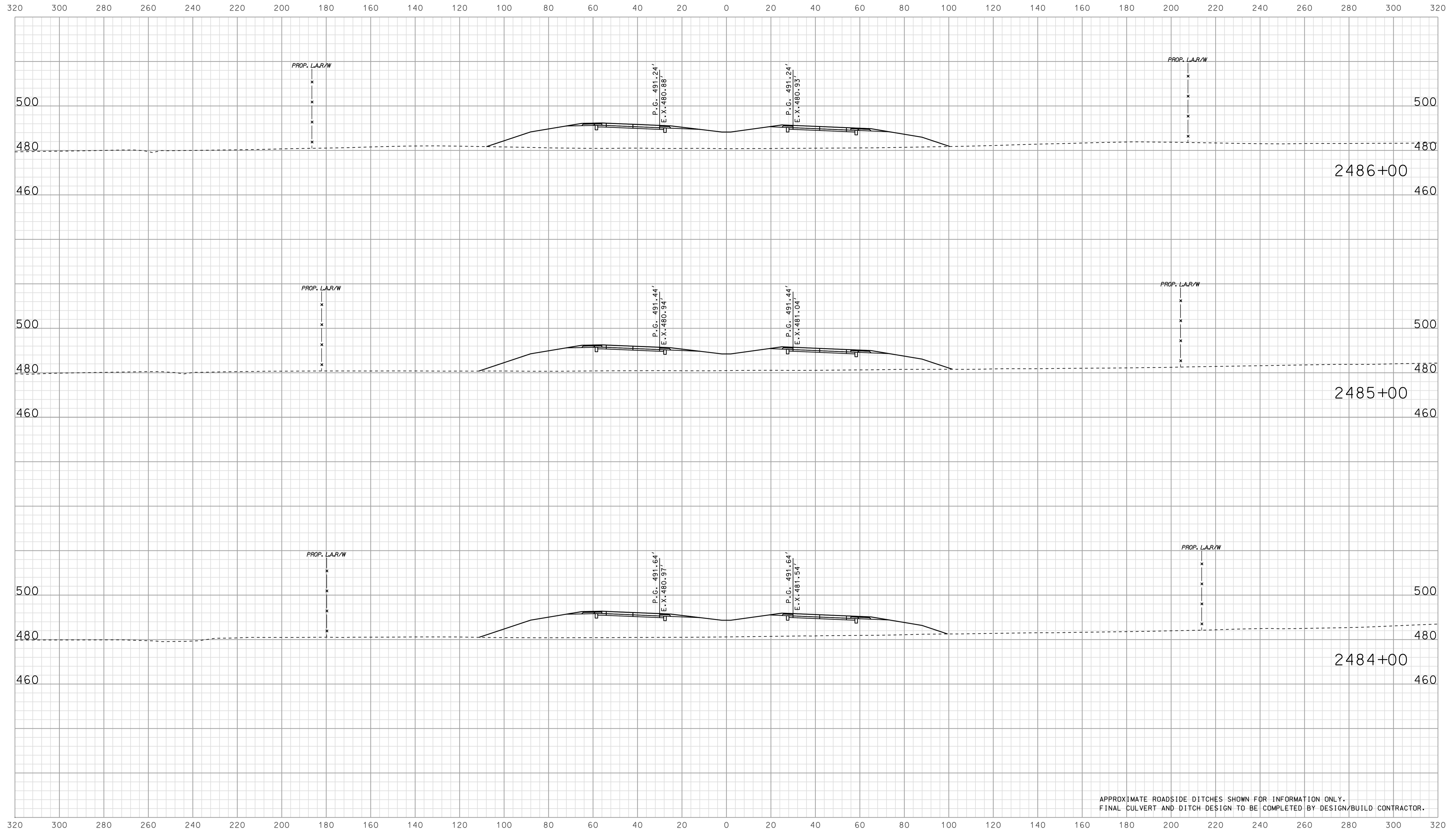
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-25	79 of 150	
PROJECT		PROJECT	
		0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

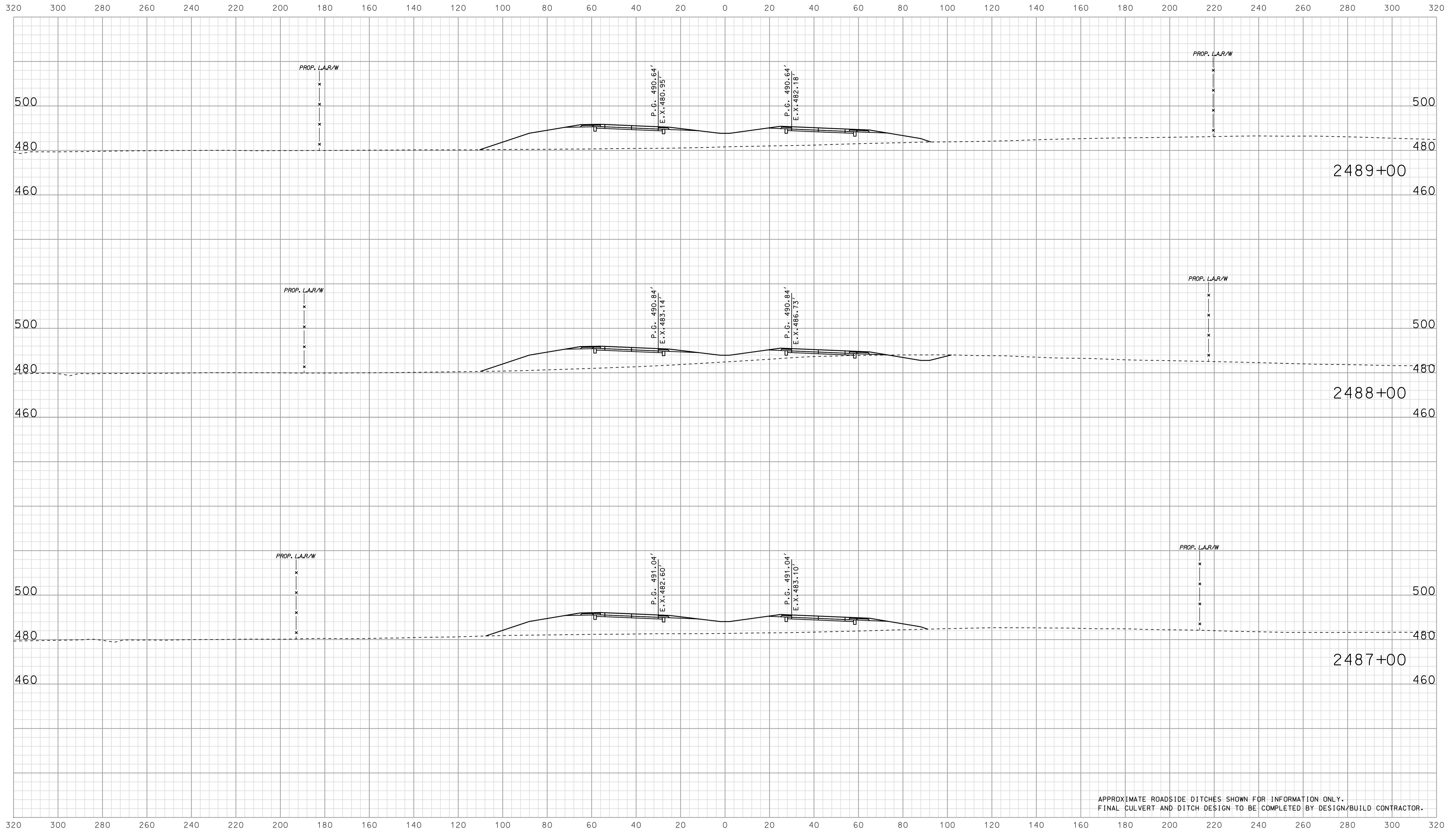
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-26	SHEET NO. 80 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

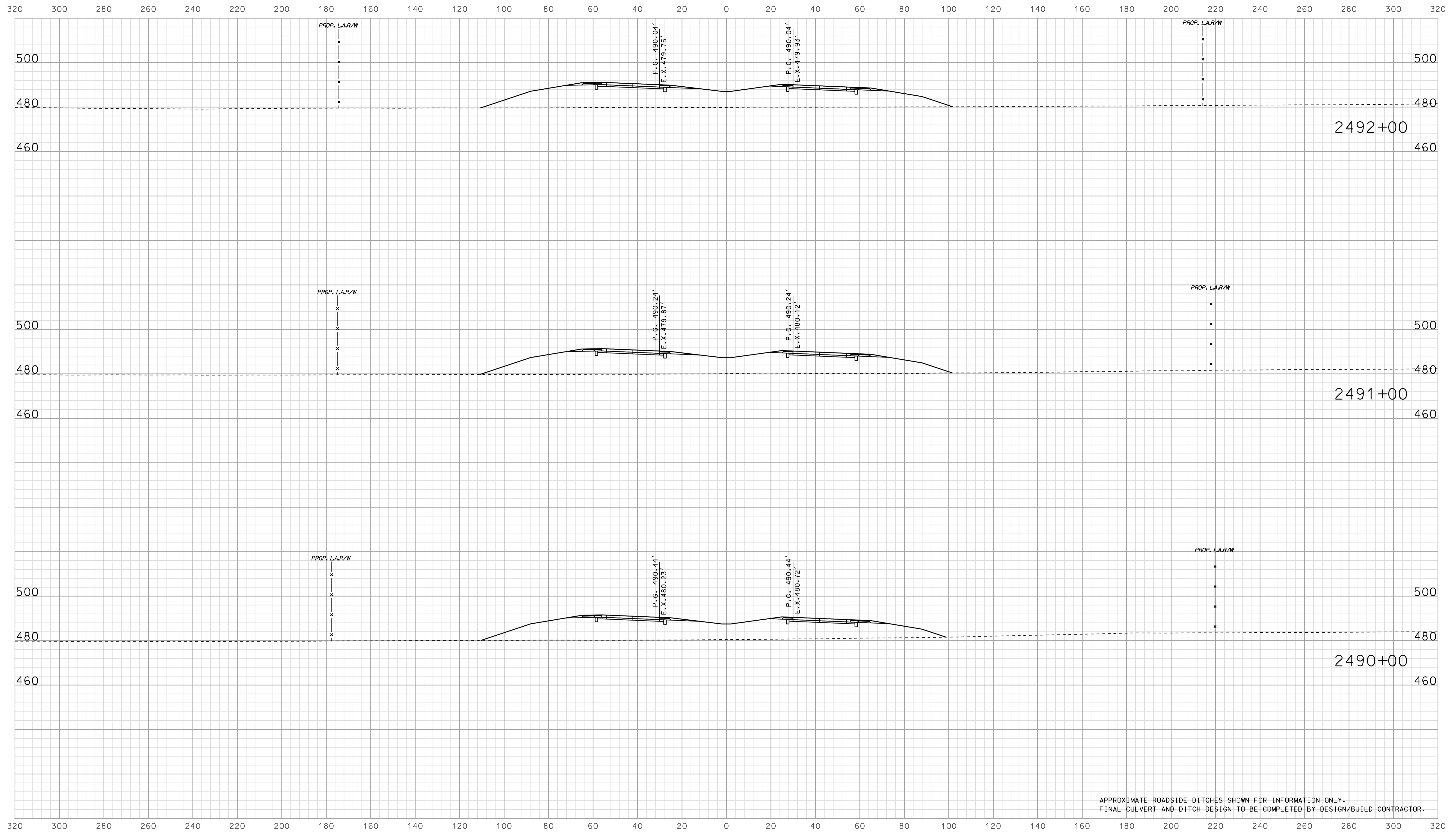
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
1" = 20'	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-27	81 of 150
CONTRACT	PROJECT	
IR-33051	0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
 FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

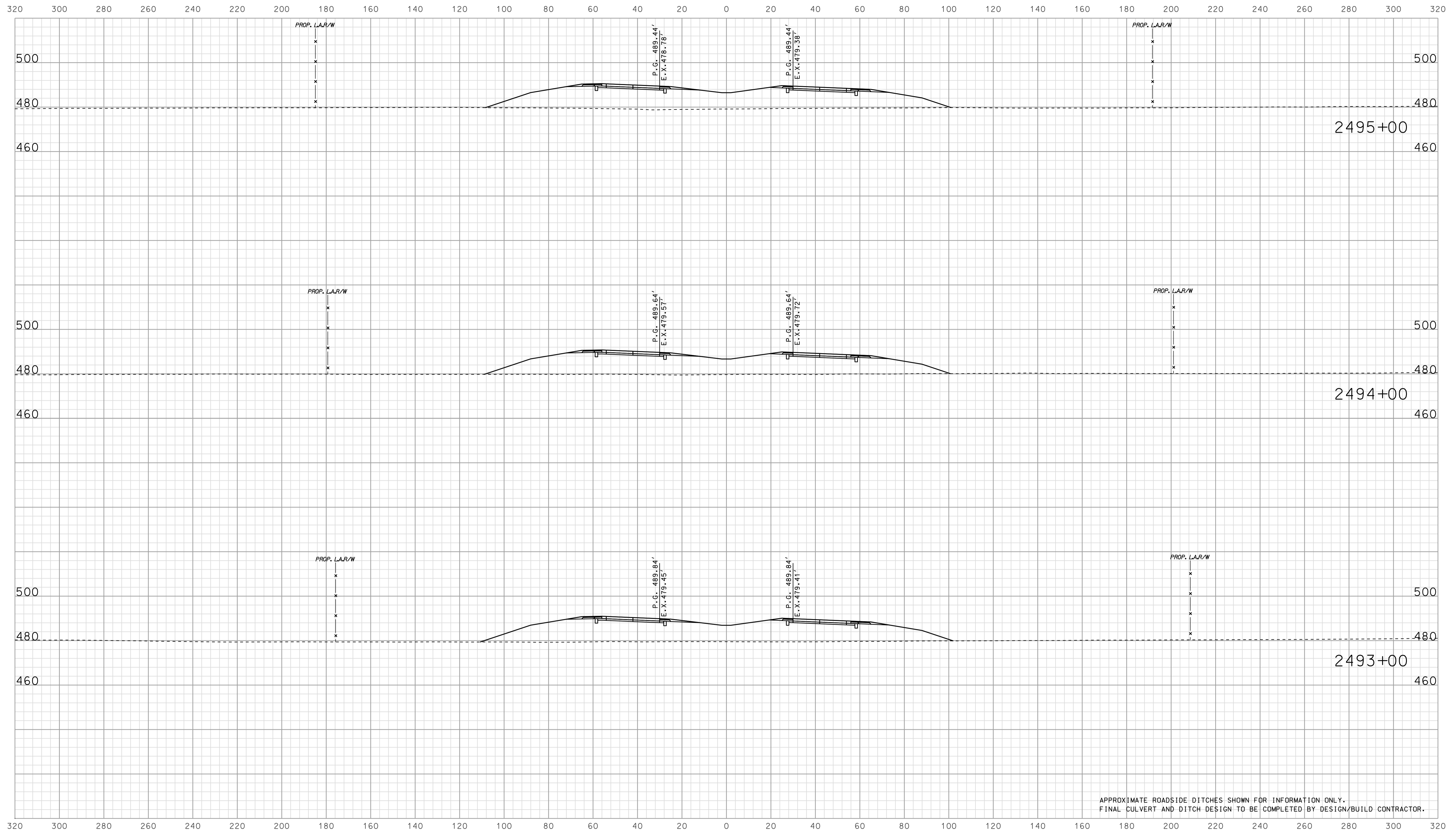
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-28	SHEET NO. 82 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

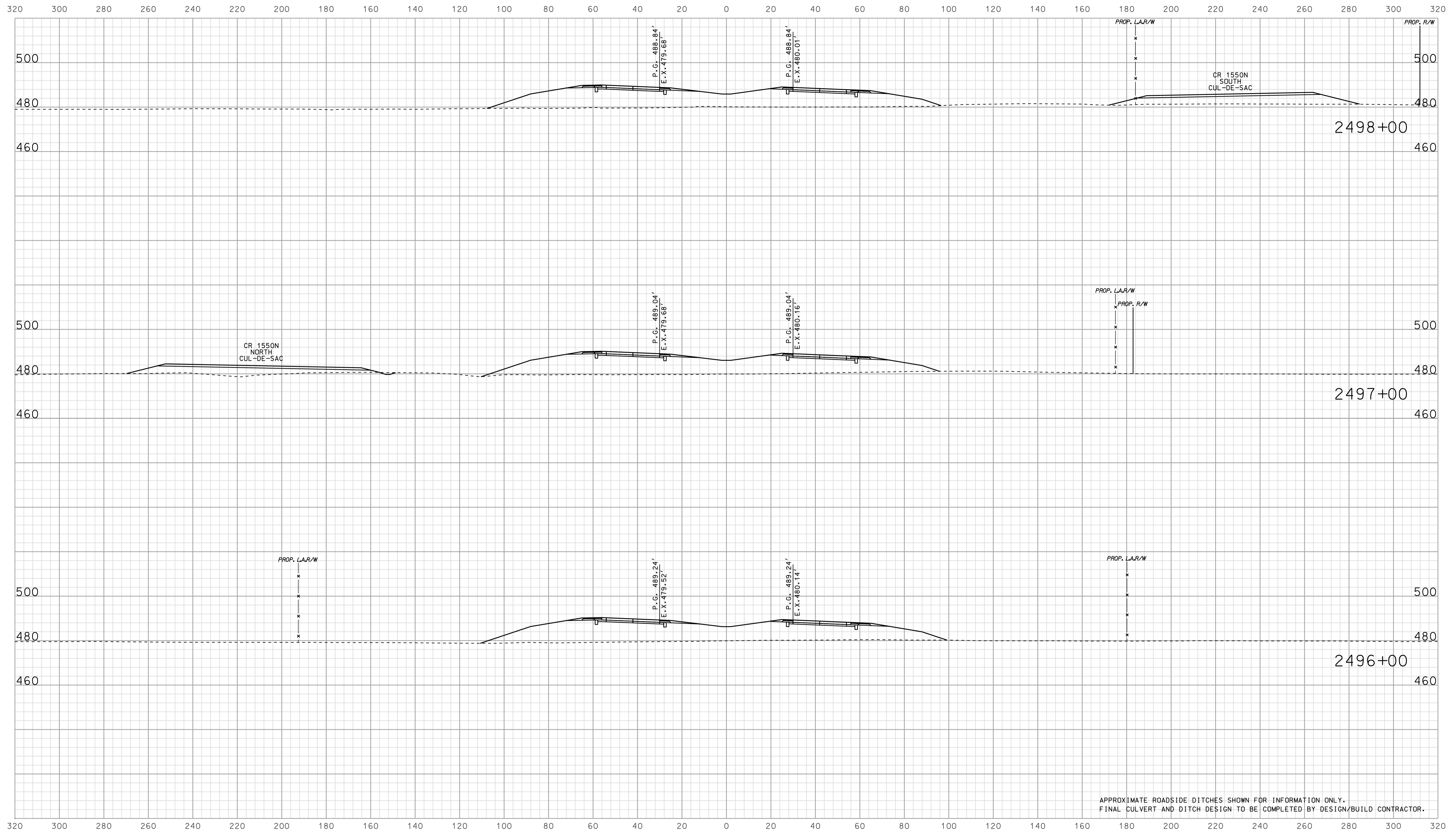
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-29	SHEET NO. 83 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

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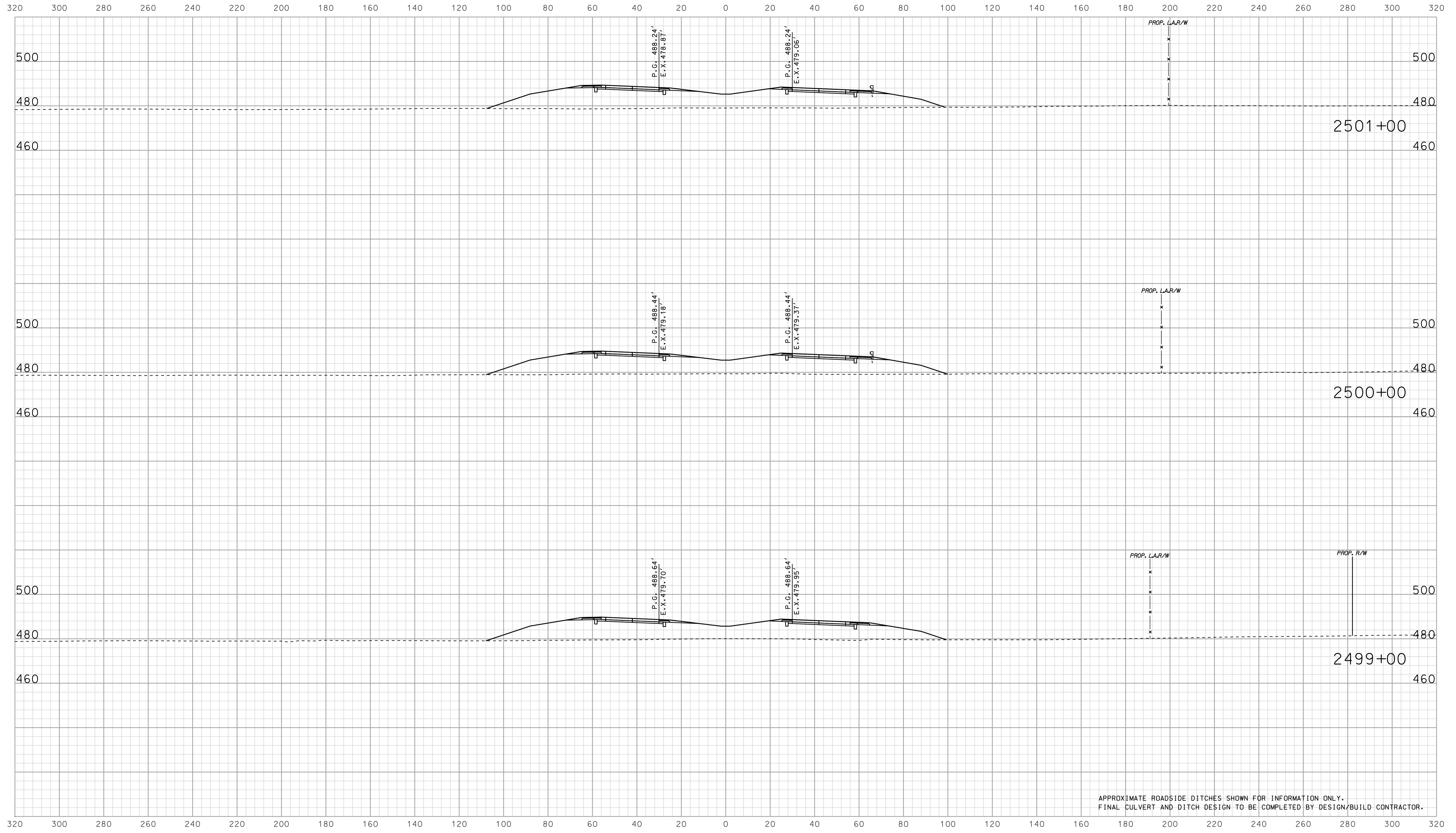
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DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-30	SHEET NO. 84 of 150
CONTRACT IR-33051	PROJECT 0902176	

Scale 1 inch = 20 feet



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

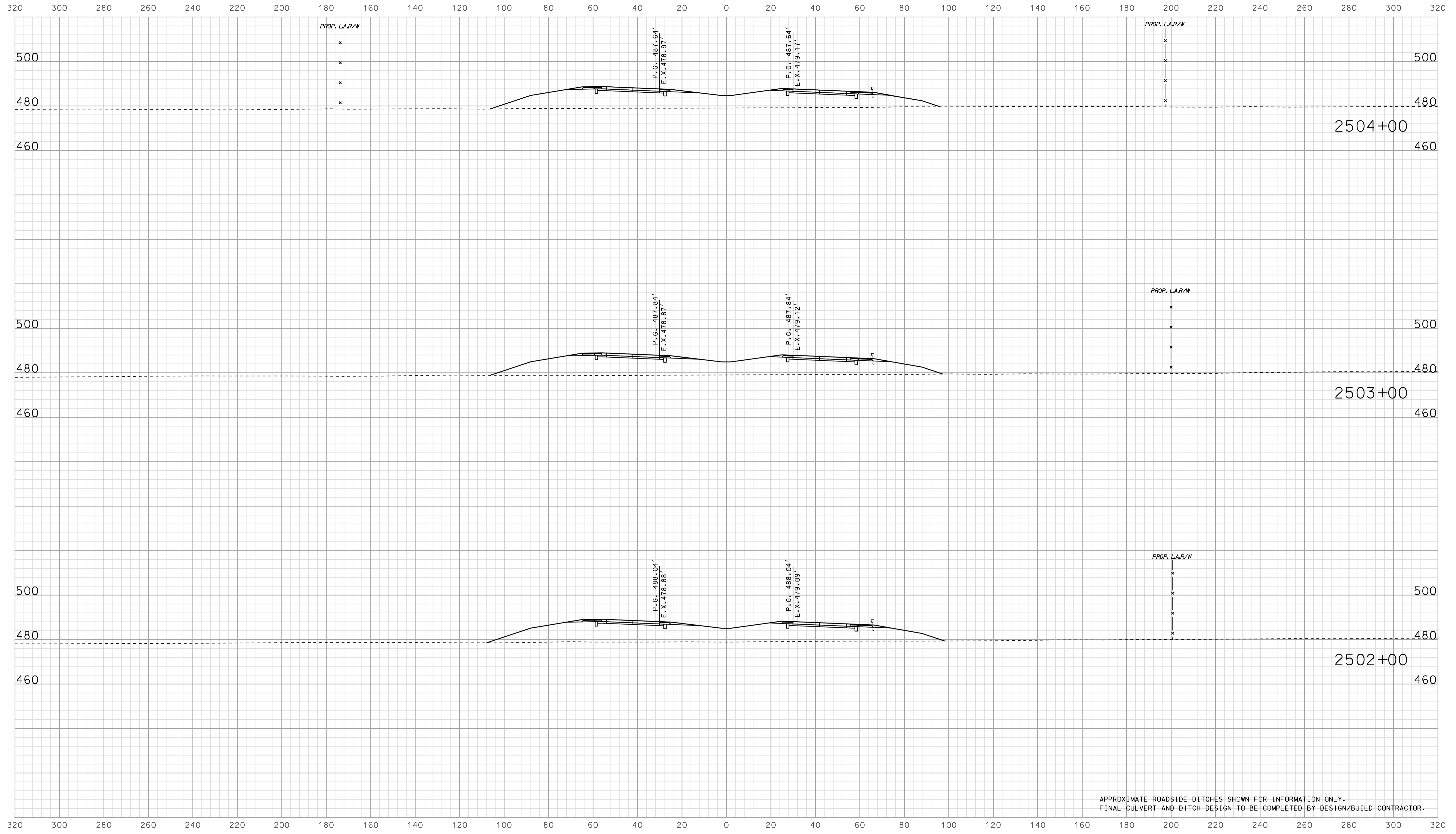
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH		
CHECKED: NOH	CHECKED: DMA		

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-31	SHEET NO. 85 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

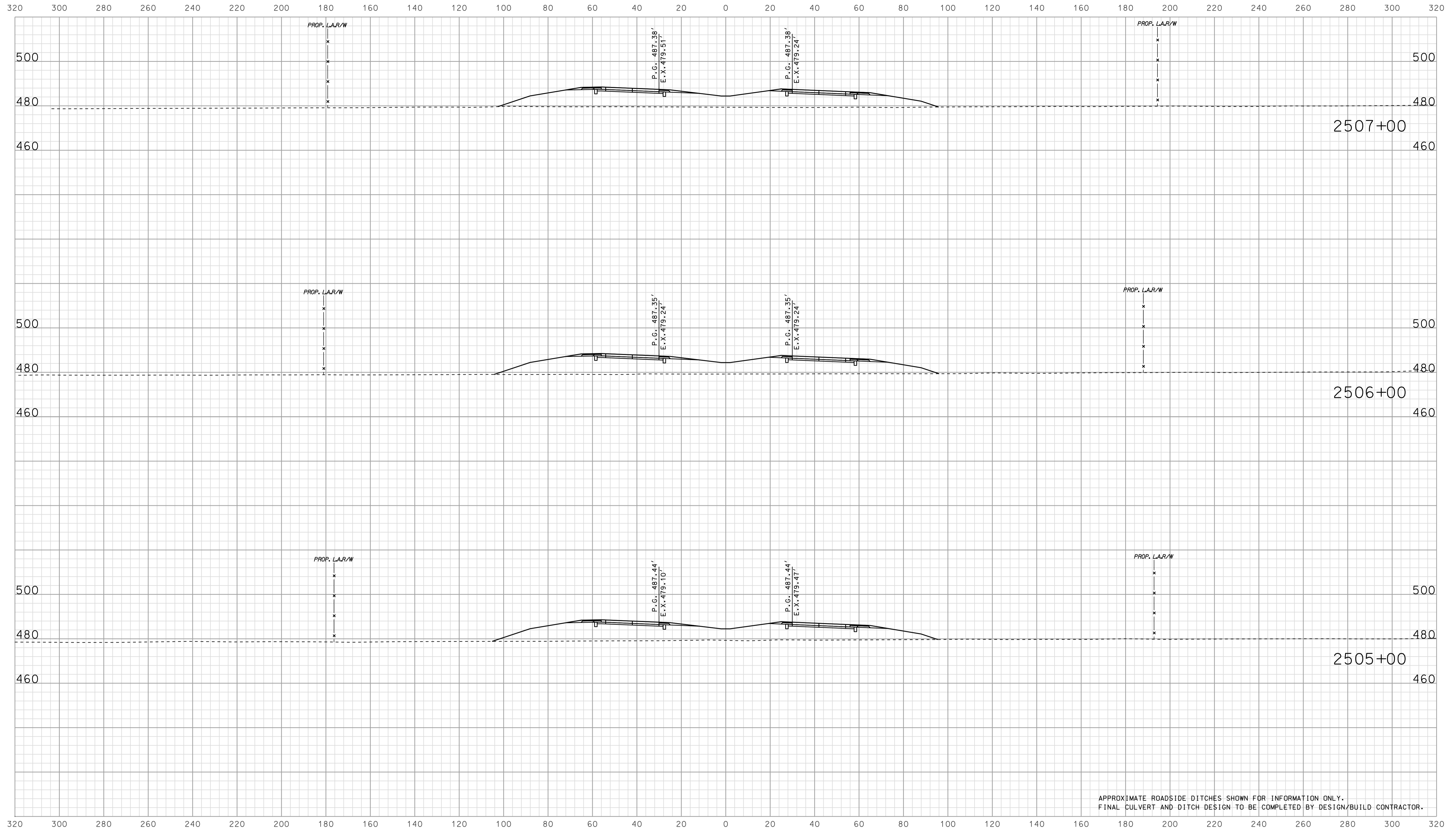
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

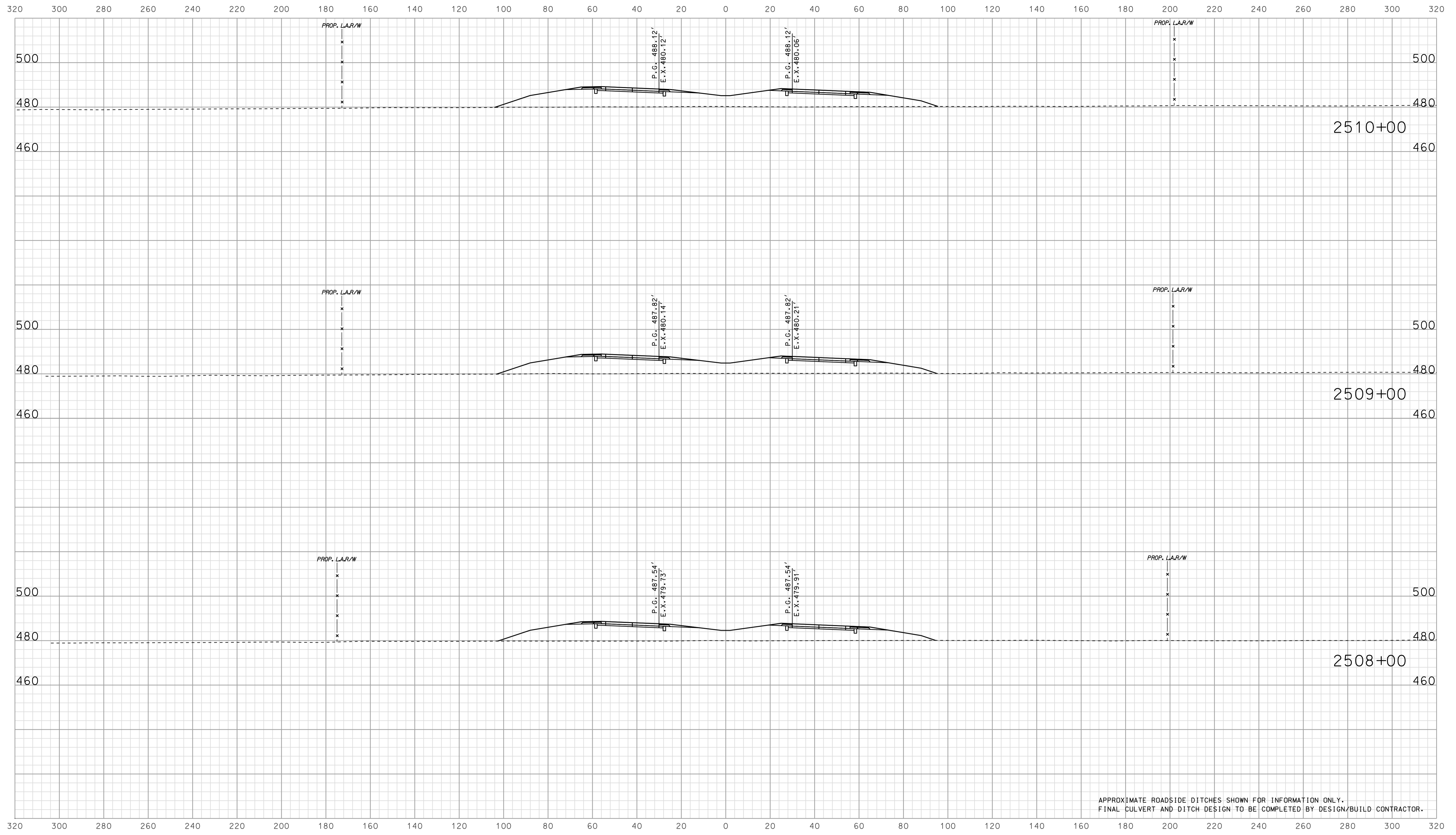
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VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-32	SHEET NO. 86 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

07/04
 IP_PWP-IR-33051-0902176-0902176.dgn

	RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION			BRIDGE FILE	
	DESIGNED: BJO	DRAWN: DH			ROADWAY CROSS SECTIONS LINE "A"			DESIGNATION 0902176
	CHECKED: NOH	CHECKED: DMA						SURVEY BOOK XS-33
							DWG. NO. 87 SHEET NO. of 150	
							CONTRACT IR-33051	
							PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

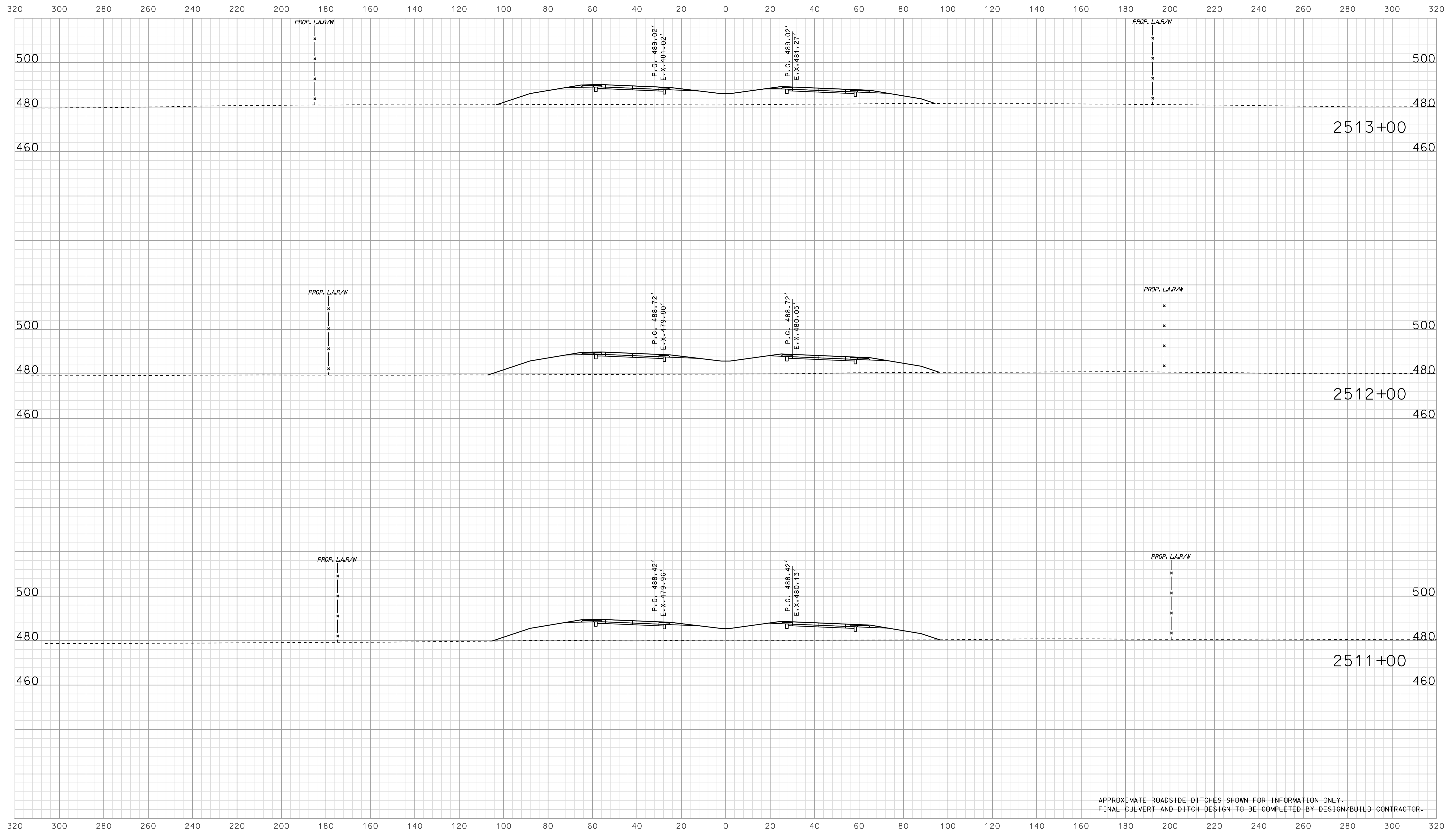
07/04
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0902176	
SURVEY BOOK		DWG. NO.	SHEET NO.
		XS-34	88 of 150
CONTRACT		PROJECT	
IR-33051		0902176	



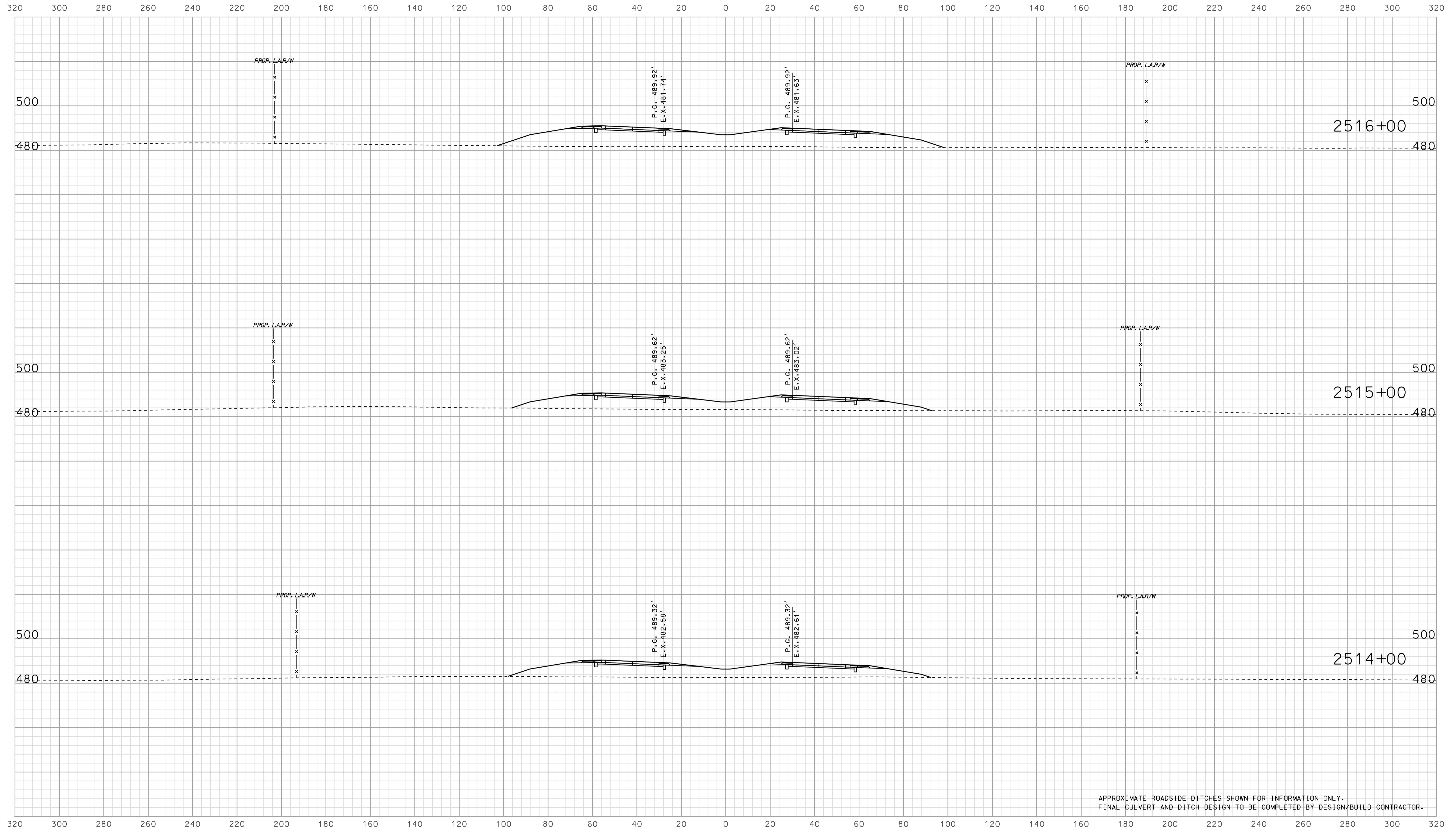
APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

07/04
 IP_PWP-IR-33051-0902176-0902176.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'		0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-35	89 of 150	
CONTRACT		PROJECT	
IR-33051		0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

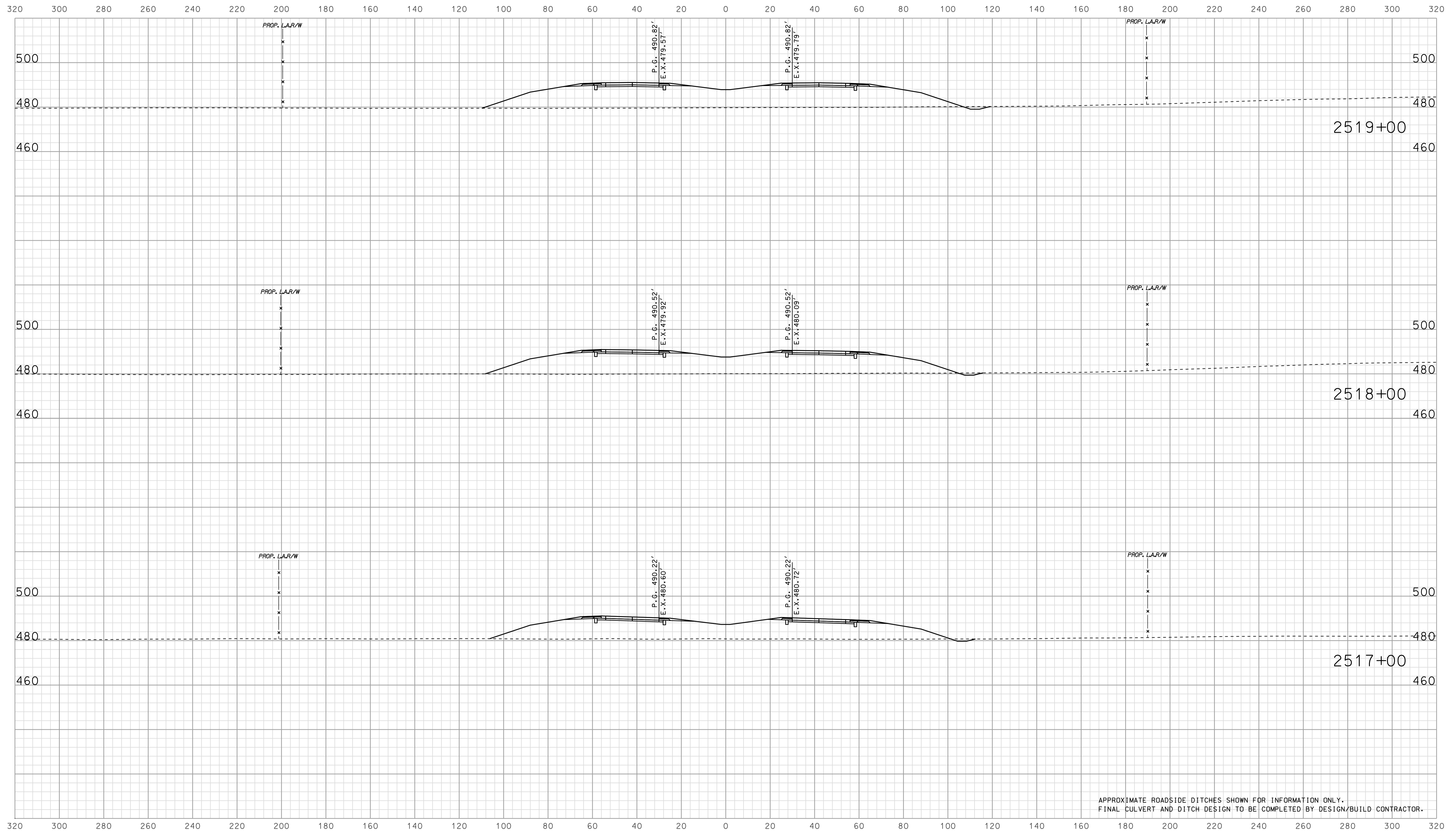
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

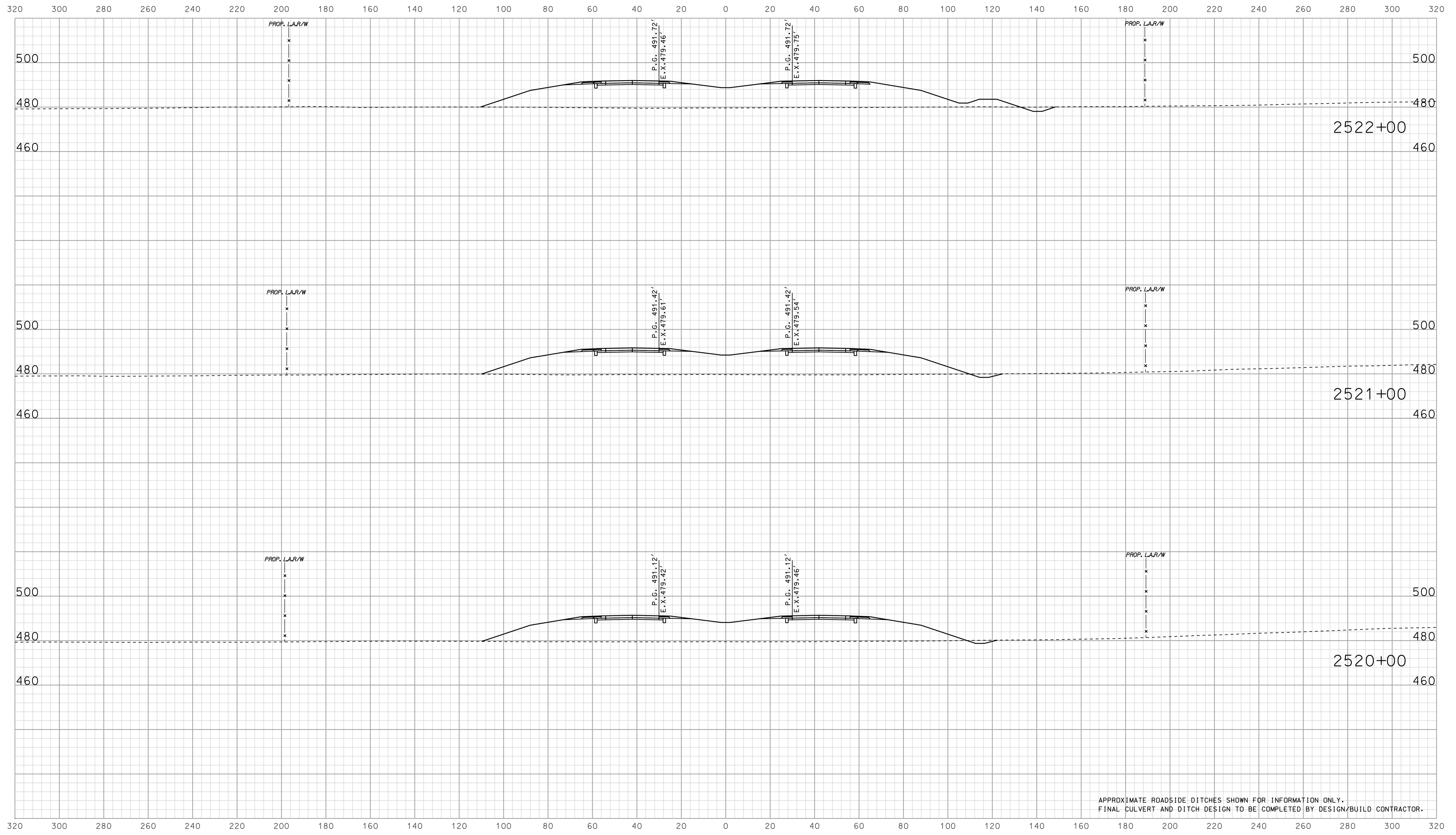
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1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0902176	
SURVEY BOOK		DWG. NO.	SHEET NO.
		XS-36	90 of 150
CONTRACT		PROJECT	
IR-33051		0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

07/04
 IP_PWP-IR-33051-0902176-0902176.dgn

	RECOMMENDED FOR APPROVAL		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
	DESIGN ENGINEER	DATE			VERTICAL SCALE 1" = 20'	DESIGNATION 0902176
	DESIGNED: BJO	DRAWN: DH	ROADWAY CROSS SECTIONS LINE "A"		SURVEY BOOK	DWG. NO. SHEET NO. XS-37 91 of 150
	CHECKED: NOH	CHECKED: DMA			CONTRACT IR-33051	PROJECT 0902176



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

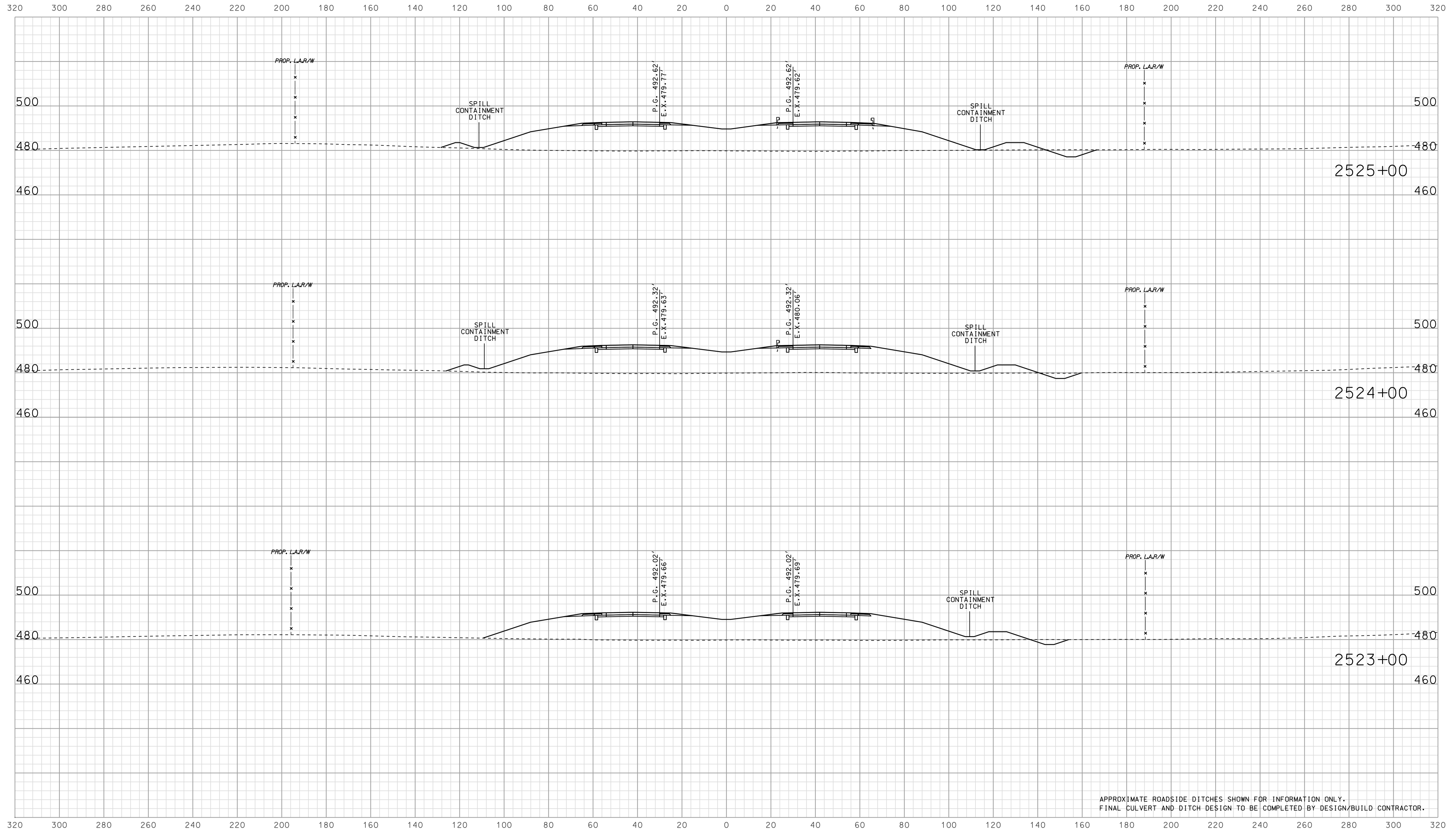
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-38	SHEET NO. 92 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

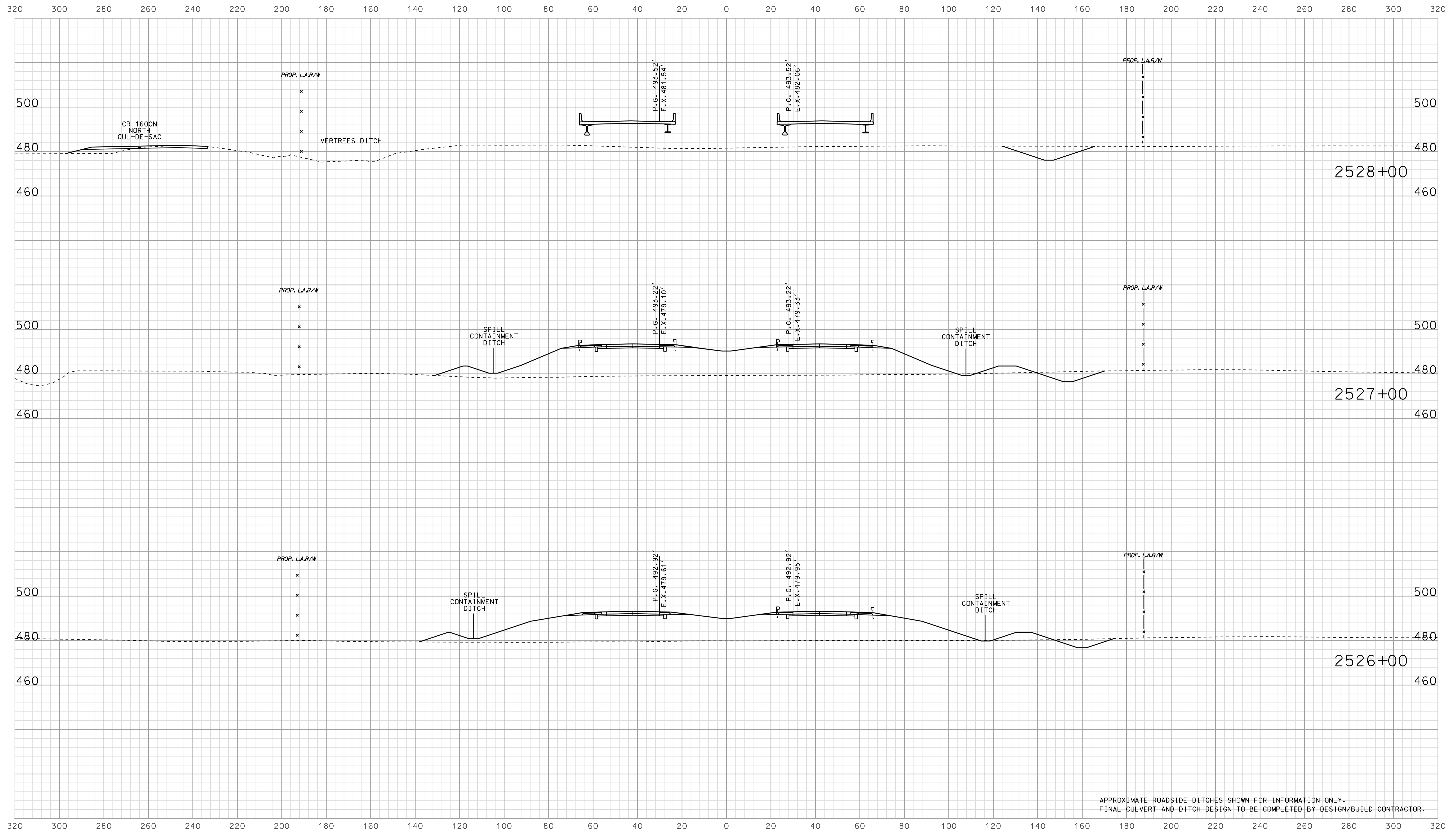
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-39	SHEET NO. 93 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

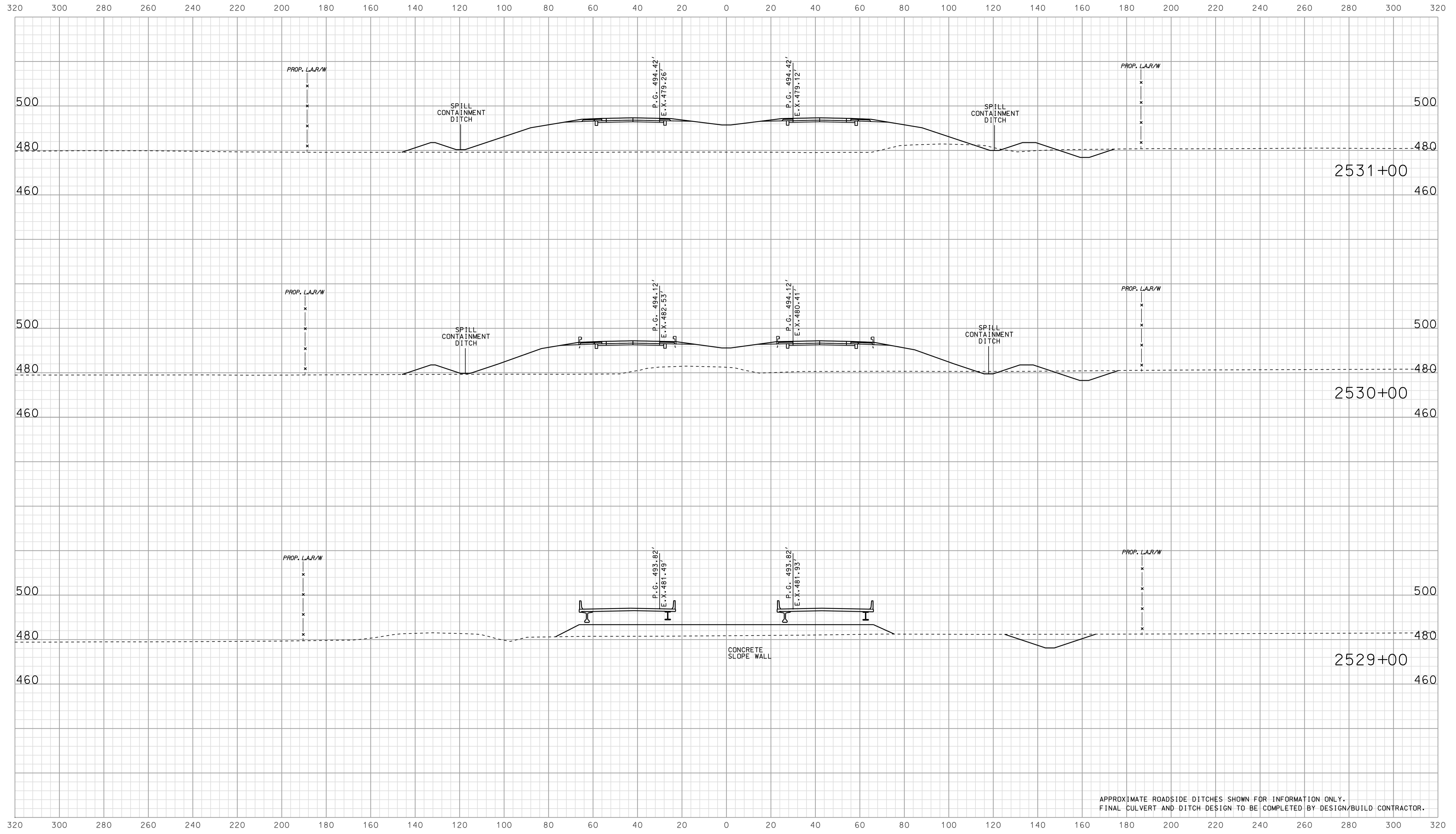
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0902176	
SURVEY BOOK		DWG. NO.	SHEET NO.
		XS-40	94 of 150
CONTRACT		PROJECT	
IR-33051		0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

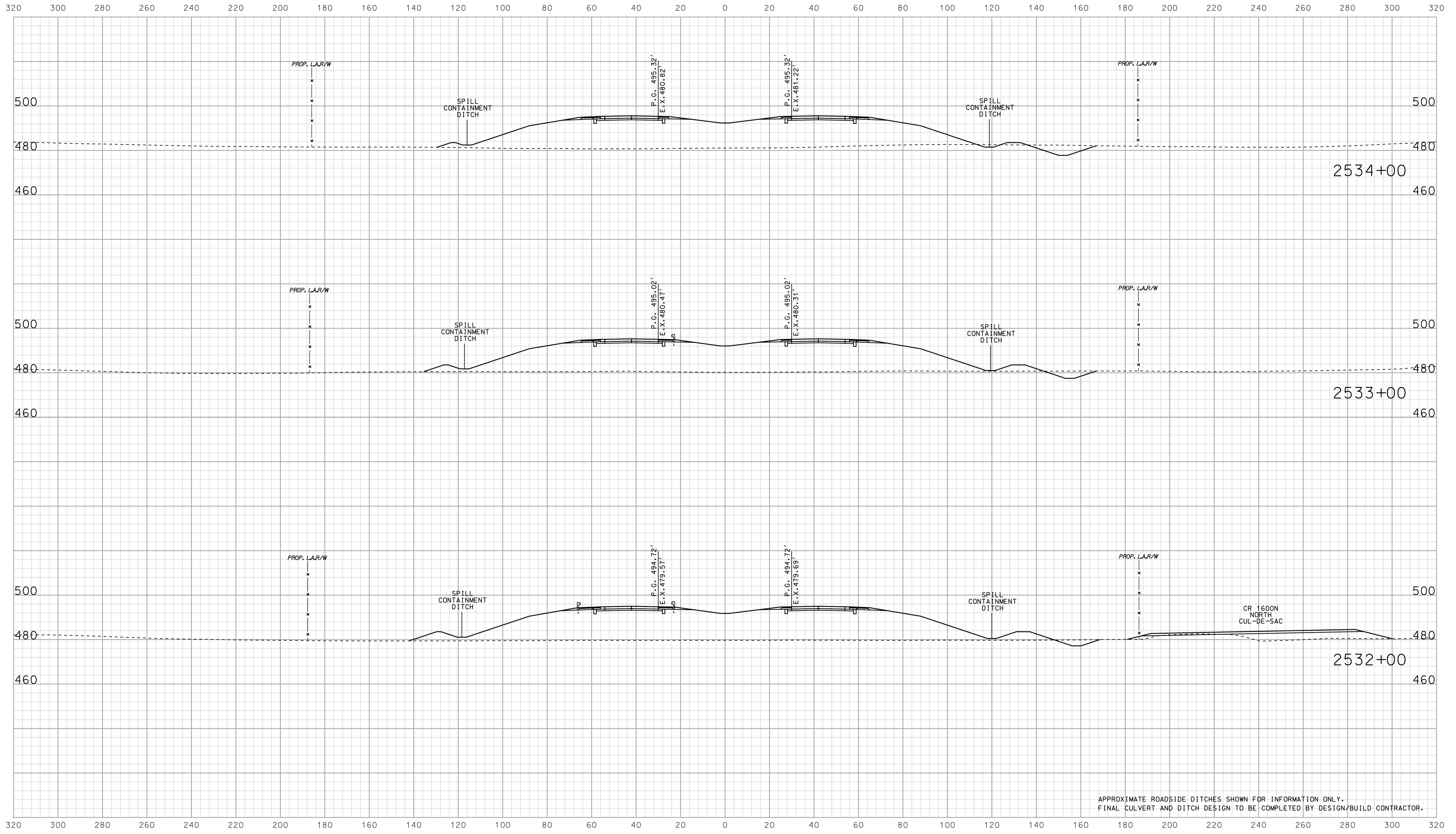
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

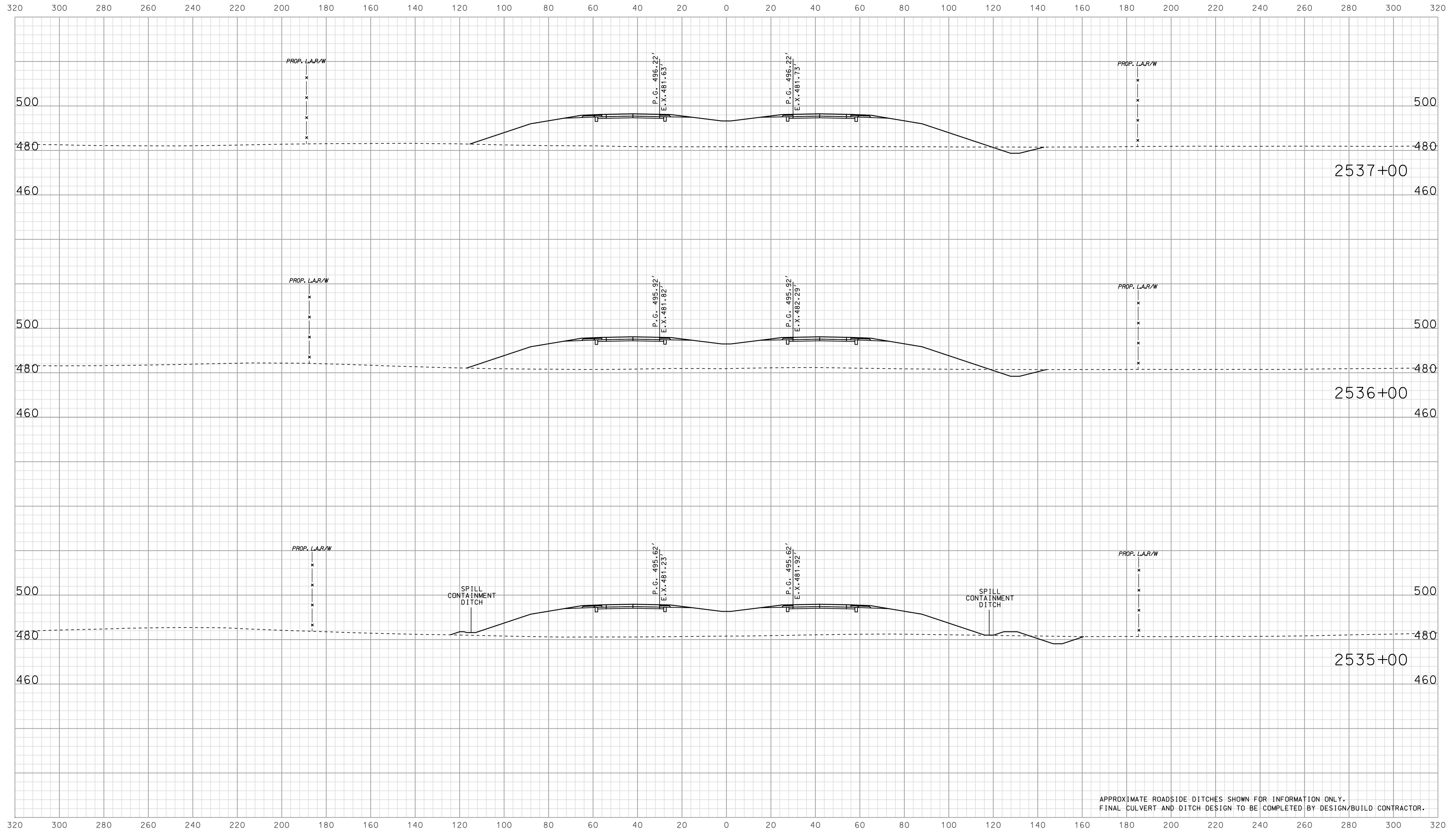
HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.	
CONTRACT	XS-41	95 of 150	
IR-33051	PROJECT	0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

07A05
 IP_PWP-IR-33051-0902176-0902176.dgn

RECOMMENDED FOR APPROVAL DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
	ROADWAY CROSS SECTIONS LINE "A"		VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
DESIGNED: BJO	DRAWN: DH	SURVEY BOOK		DWG. NO.	SHEET NO.
CHECKED: NOH	CHECKED: DMA	CONTRACT		XS-42	96 of 150
		IR-33051		PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

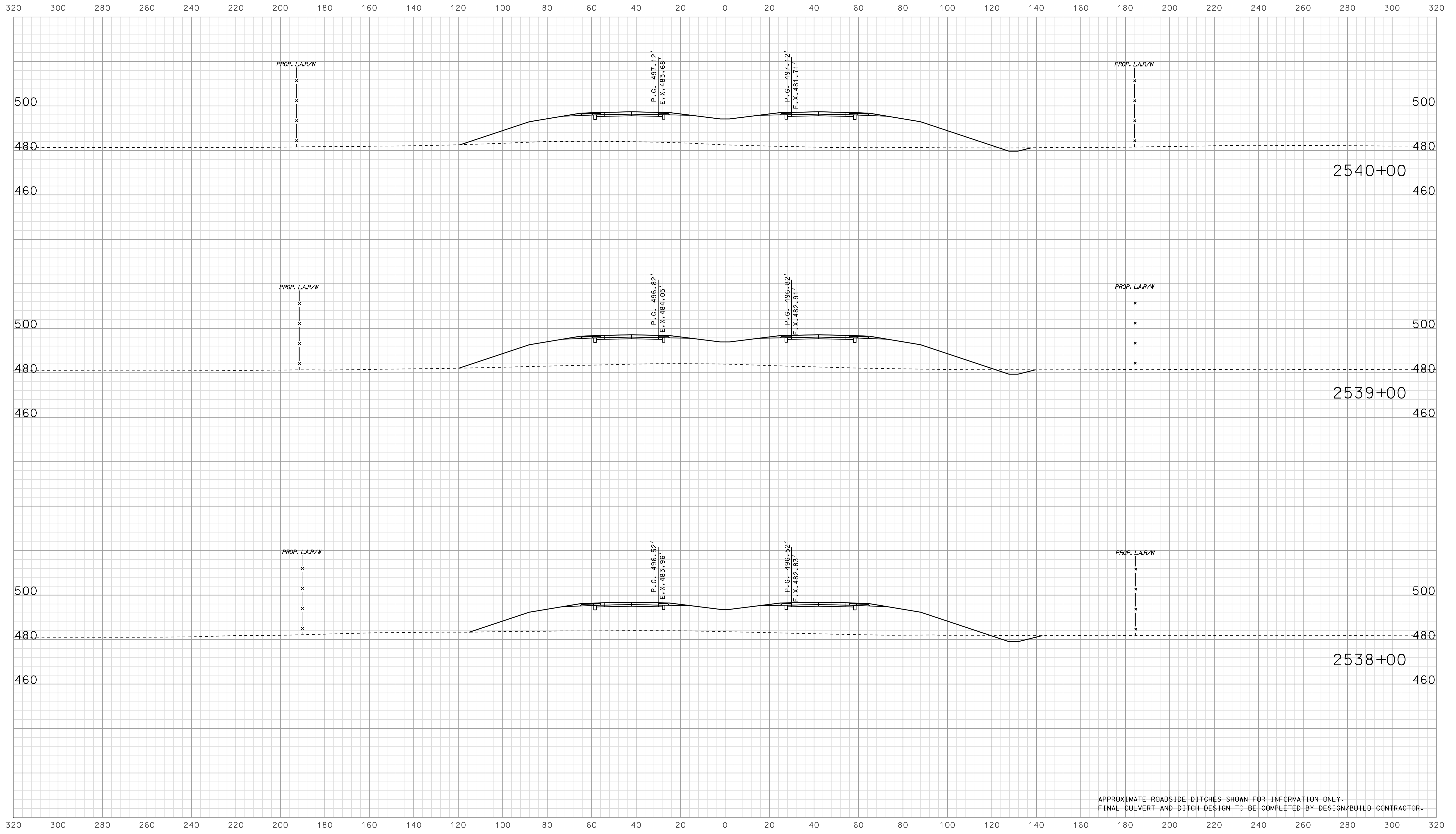
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 20'			
VERTICAL SCALE		DESIGNATION	
1" = 20'		0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.	
IR-33051	XS-43	97 of 150	
CONTRACT		PROJECT	
IR-33051		0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

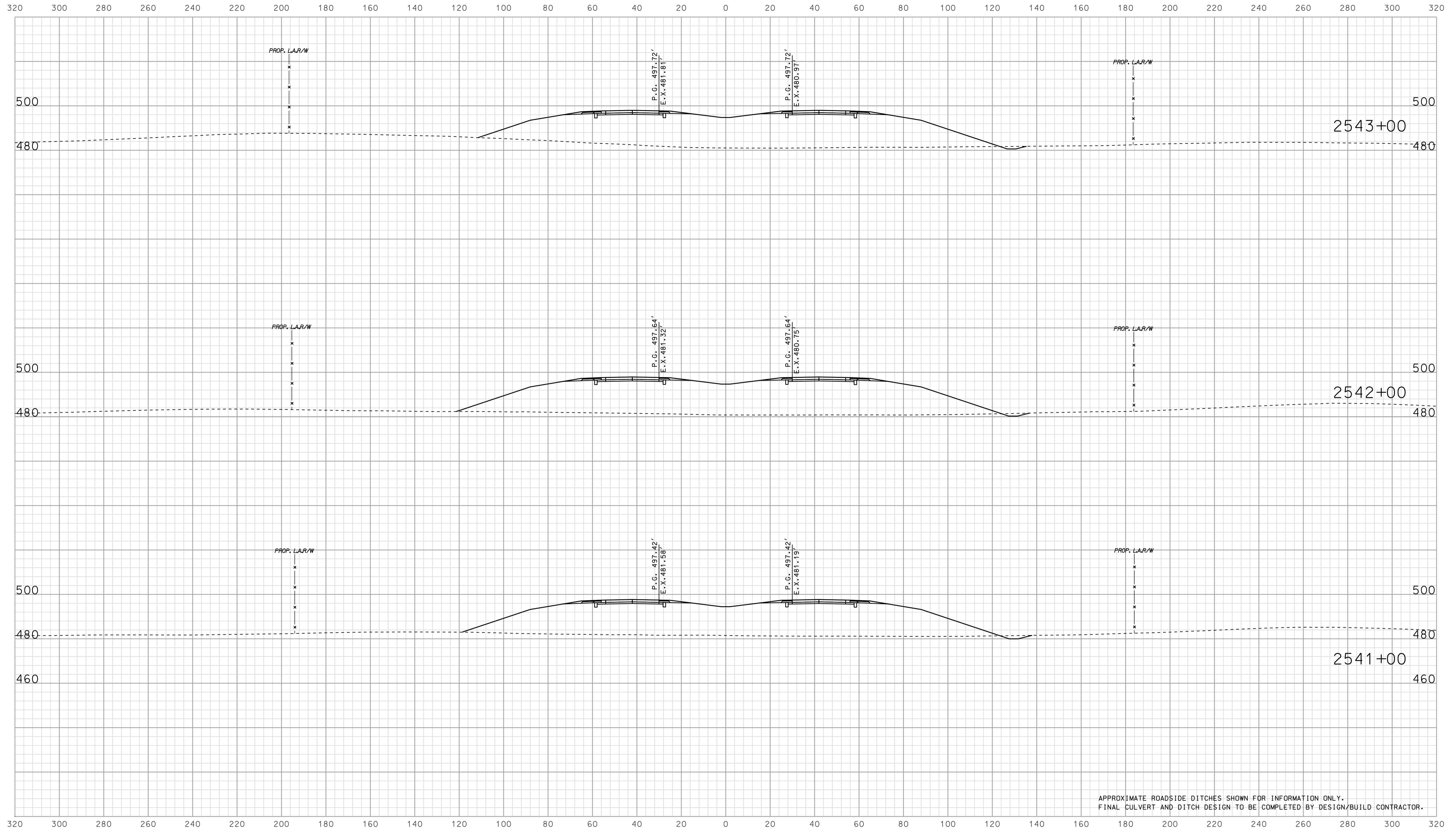
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-44	SHEET NO. 98 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

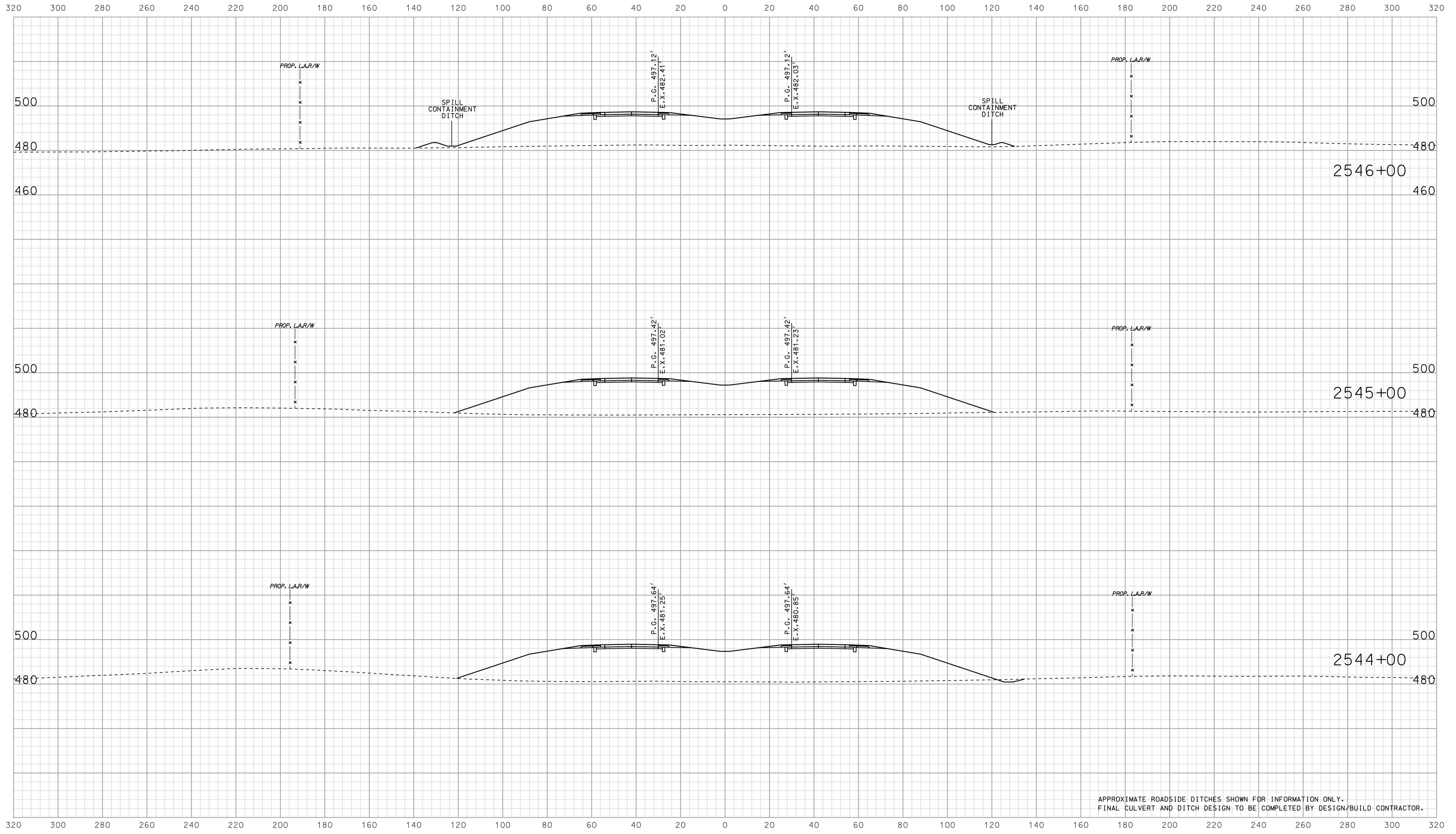
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

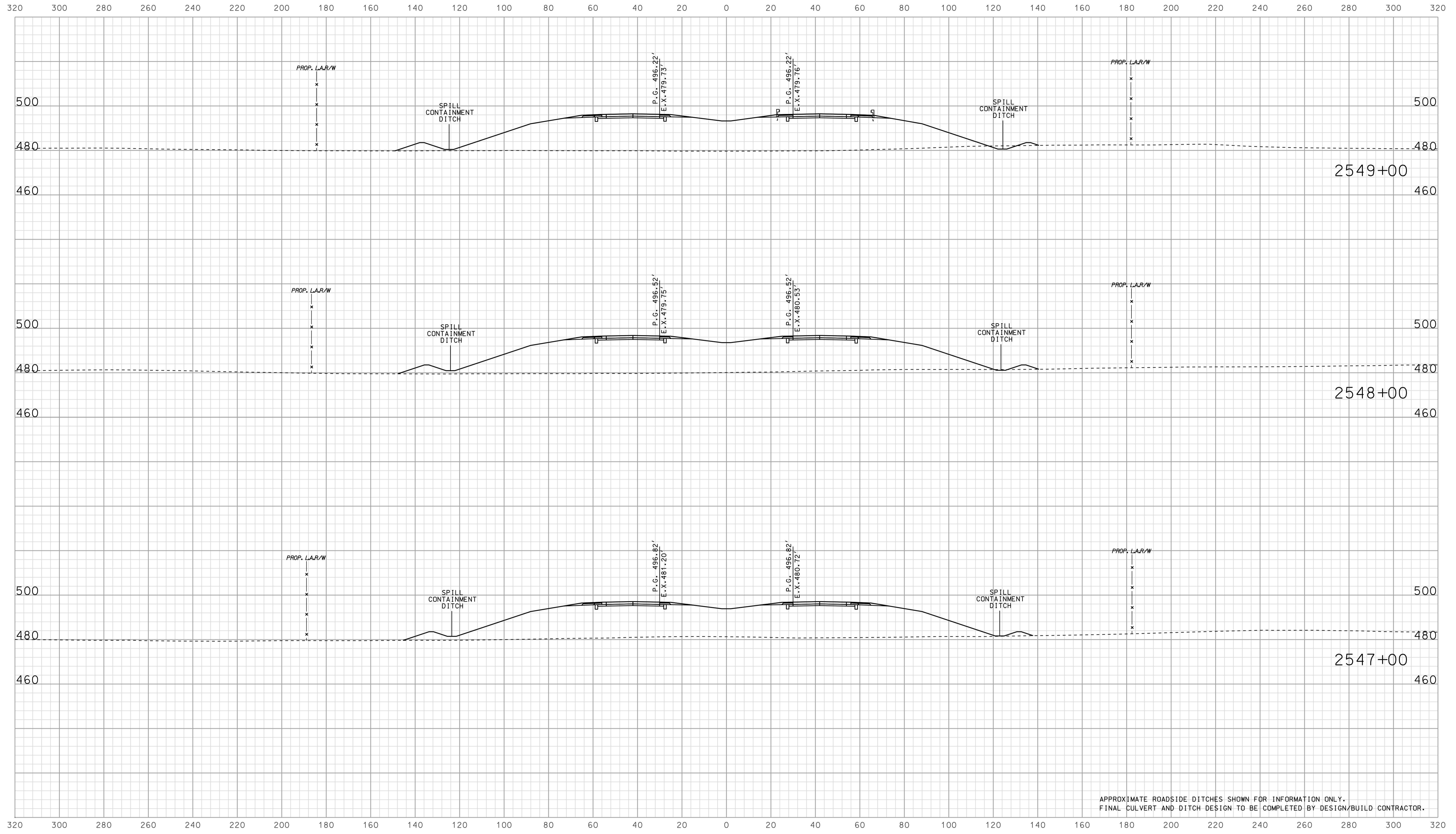
HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-45	SHEET NO. 99 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

07A06
 IP_PWP-IR-33051-0902176-0902176.dgn

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER		DATE		INDIANA DEPARTMENT OF TRANSPORTATION			HORIZONTAL SCALE		BRIDGE FILE		
	DESIGNED: BJO		DRAWN: DH					1" = 20'		DESIGNATION		0902176
CHECKED: NOH		CHECKED: DMA		ROADWAY CROSS SECTIONS LINE "A"			VERTICAL SCALE		SURVEY BOOK		DWG. NO.	
							1" = 20'		IR-33051		XS-46	
							PROJECT		100 of 150			
							0902176					



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

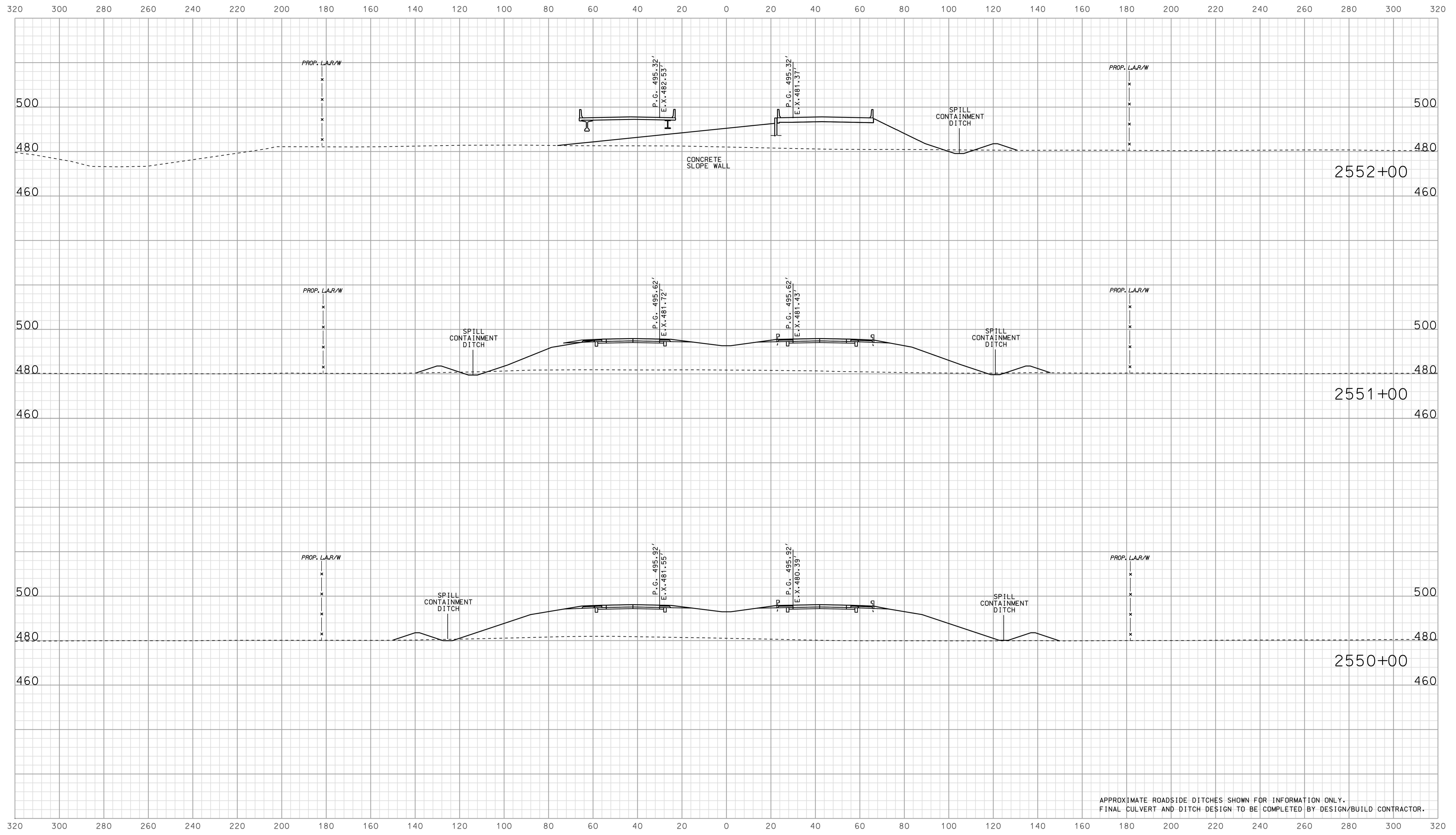
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

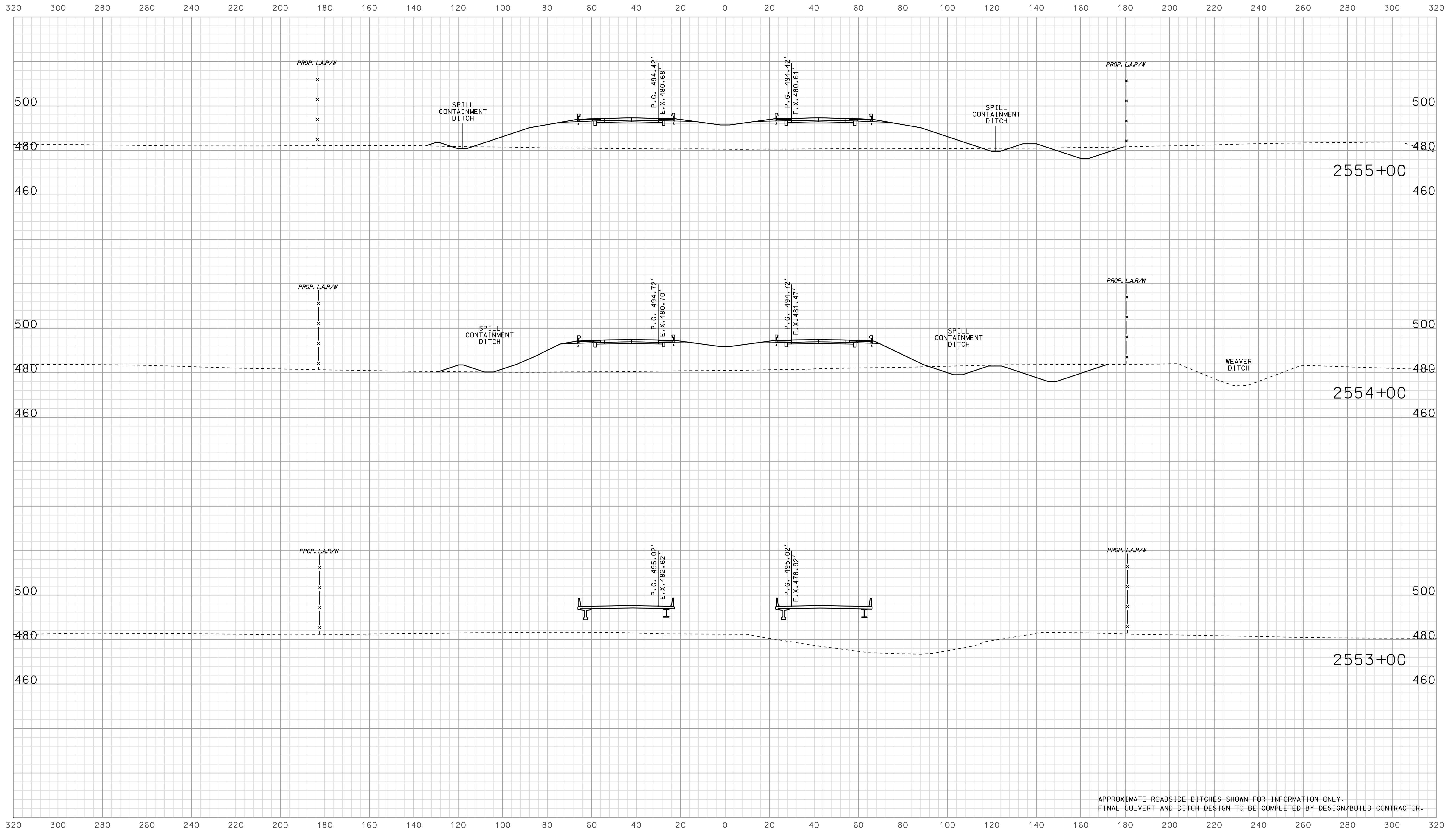
HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-47	SHEET NO. 101 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

07A06
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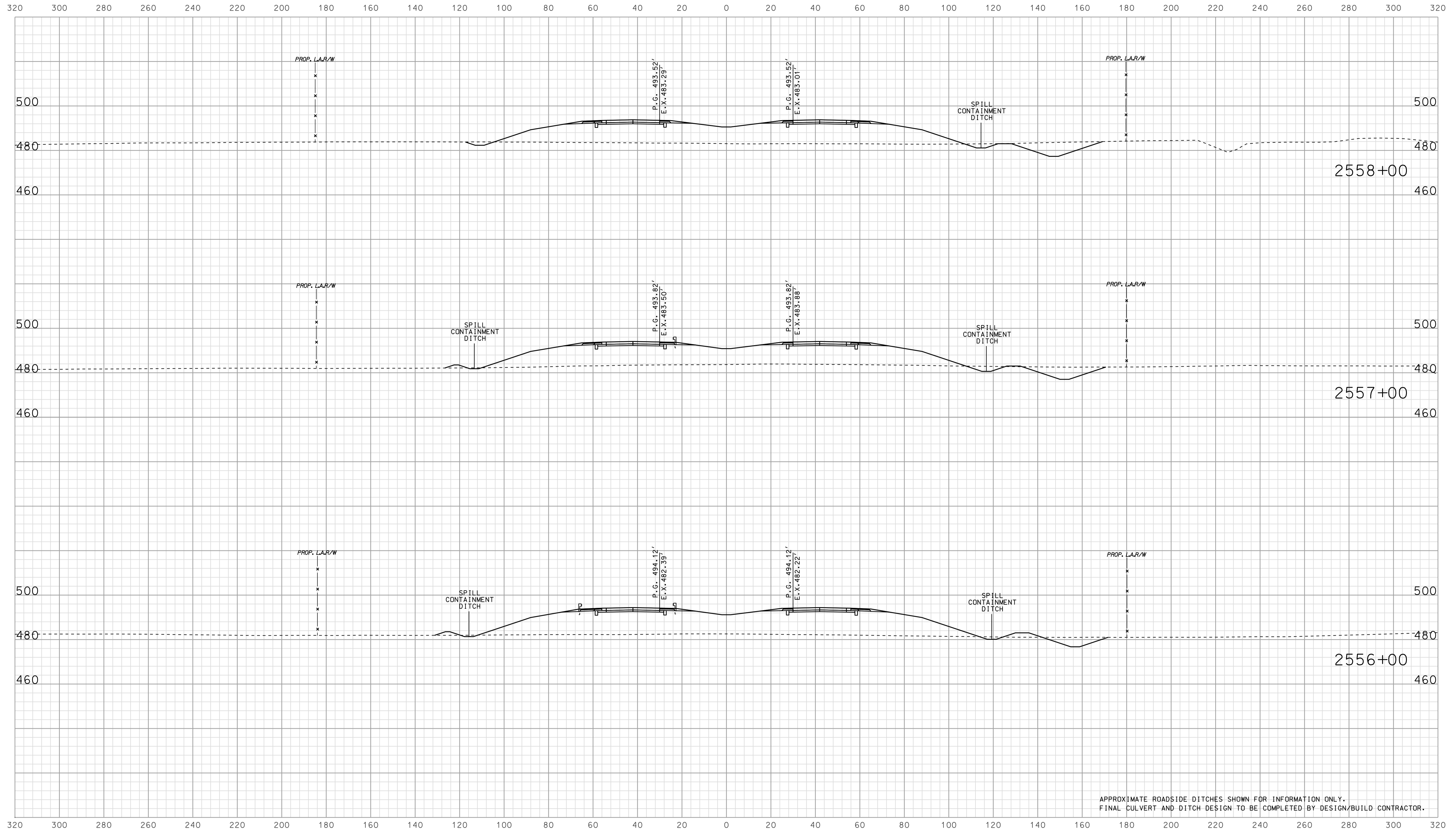
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DESIGNED: BJO CHECKED: NOH	DRAWN: DH CHECKED: DMA	ROADWAY CROSS SECTIONS LINE "A"	SURVEY BOOK IR-33051	DWG. NO. XS-48 SHEET NO. 102 of 150 PROJECT 0902176



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

07A06
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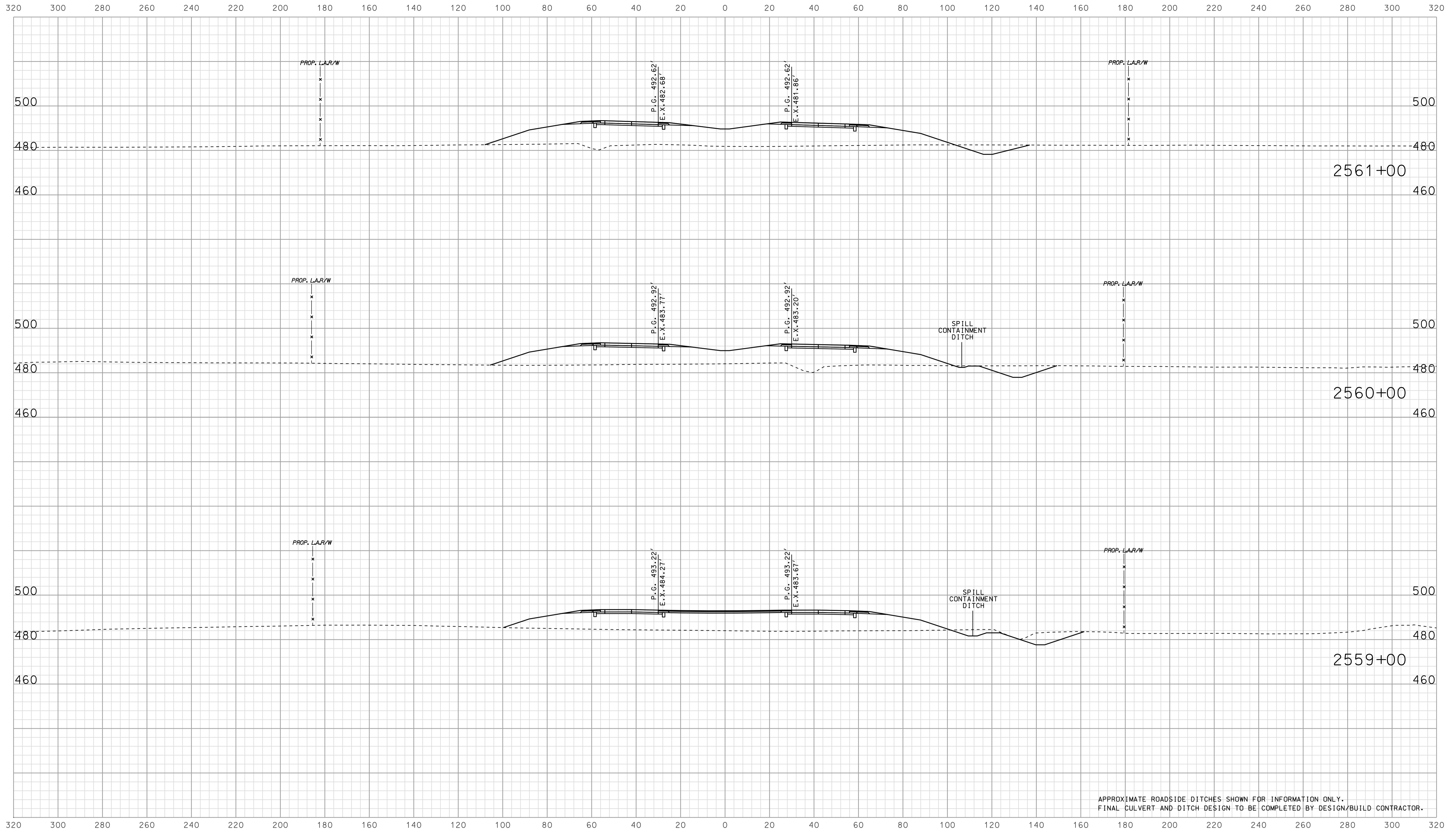
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
					1" = 20'	
DESIGNED: BJO	DRAWN: DH	ROADWAY CROSS SECTIONS LINE "A"		VERTICAL SCALE	DESIGNATION	
CHECKED: NOH	CHECKED: DMA			1" = 20'	0902176	
			SURVEY BOOK	DWG. NO.	SHEET NO.	
			IR-33051	XS-49	103 of 150	
			PROJECT		0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

07A06
 IP_PWP-IR-33051-0902176-0902176.dgn

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER		DATE		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE	
	DESIGNED: BJO		DRAWN: DH				1" = 20'		DESIGNATION	
CHECKED: NOH		CHECKED: DMA		ROADWAY CROSS SECTIONS LINE "A"		VERTICAL SCALE		0902176		
						1" = 20'		SURVEY BOOK		DWG. NO. SHEET NO.
						CONTRACT		XS-50 104 of 150		
						IR-33051		PROJECT		
								0902176		



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

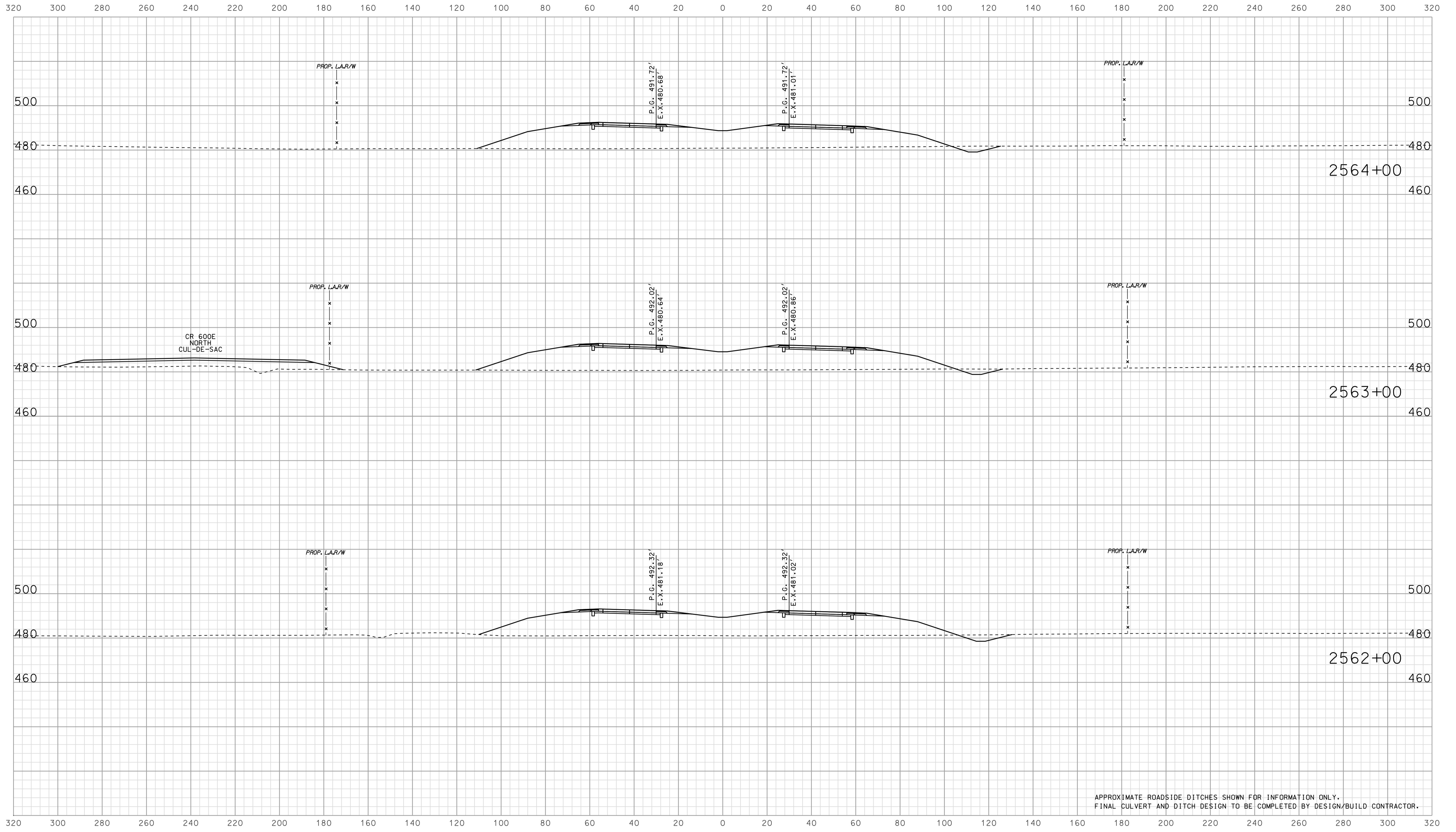
07/07
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-51	SHEET NO. 105 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

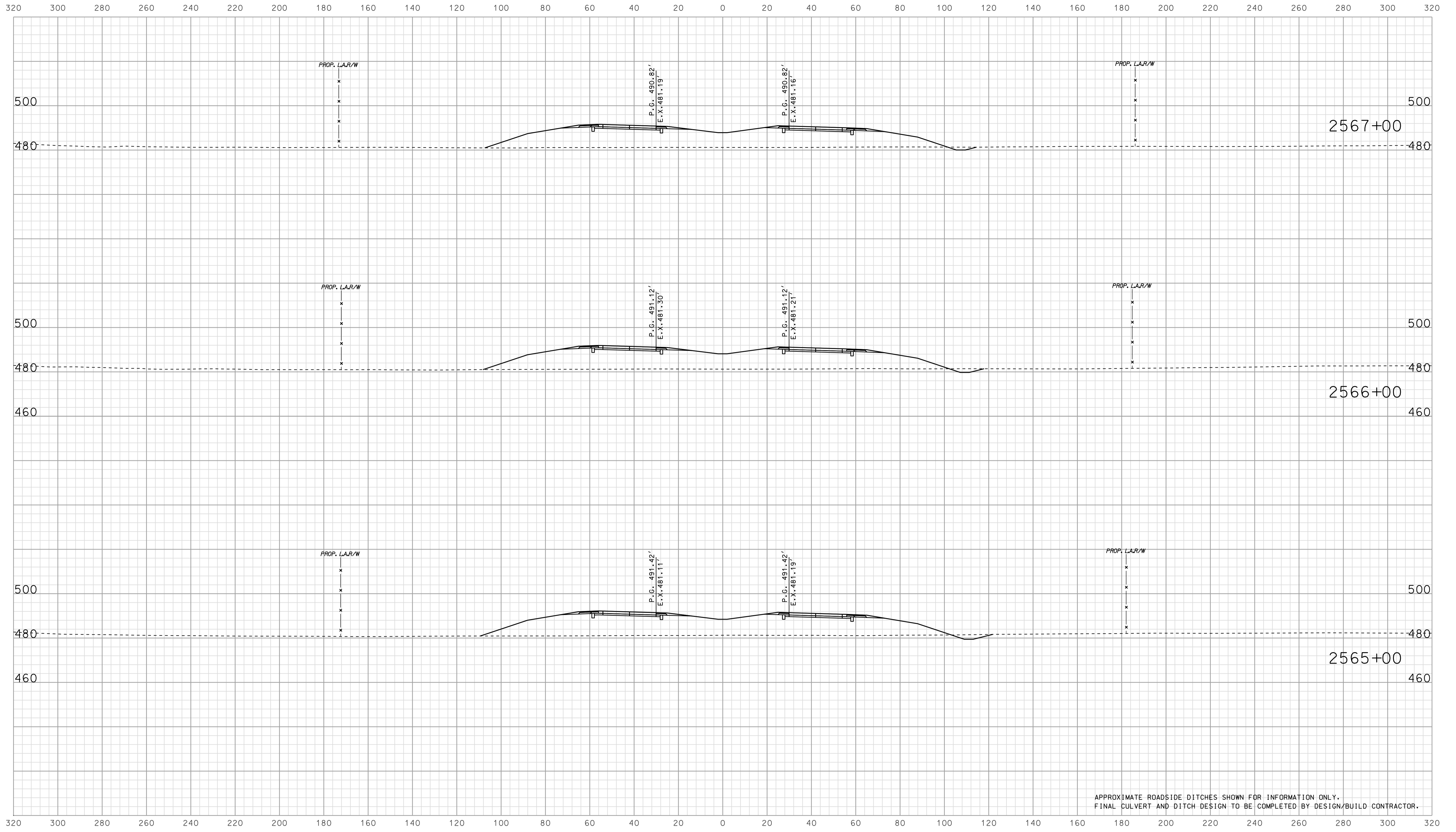
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-52	SHEET NO. 106 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

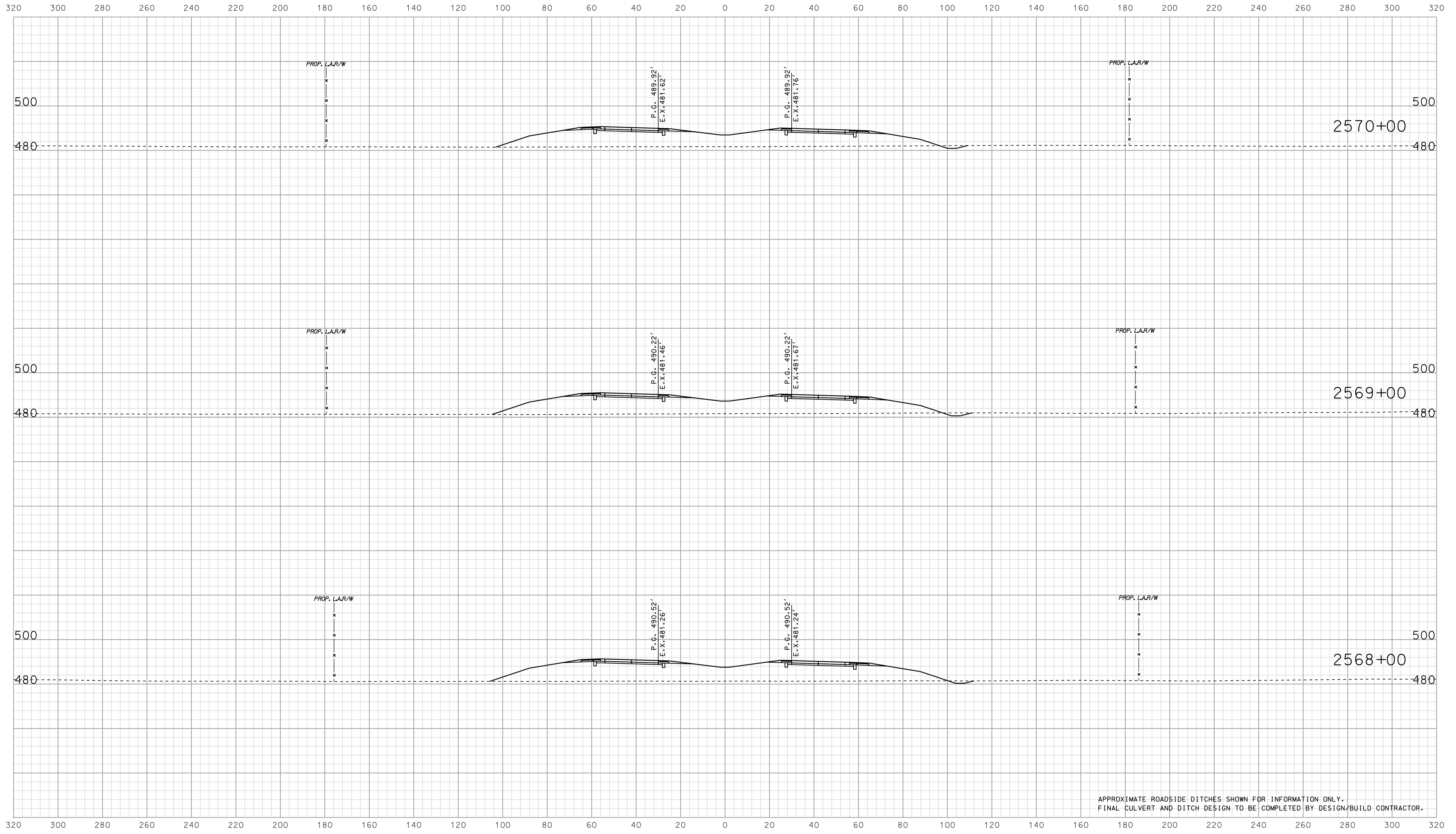
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
1" = 20'	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-53	107 of 150
CONTRACT	PROJECT	
IR-33051	0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

07/07
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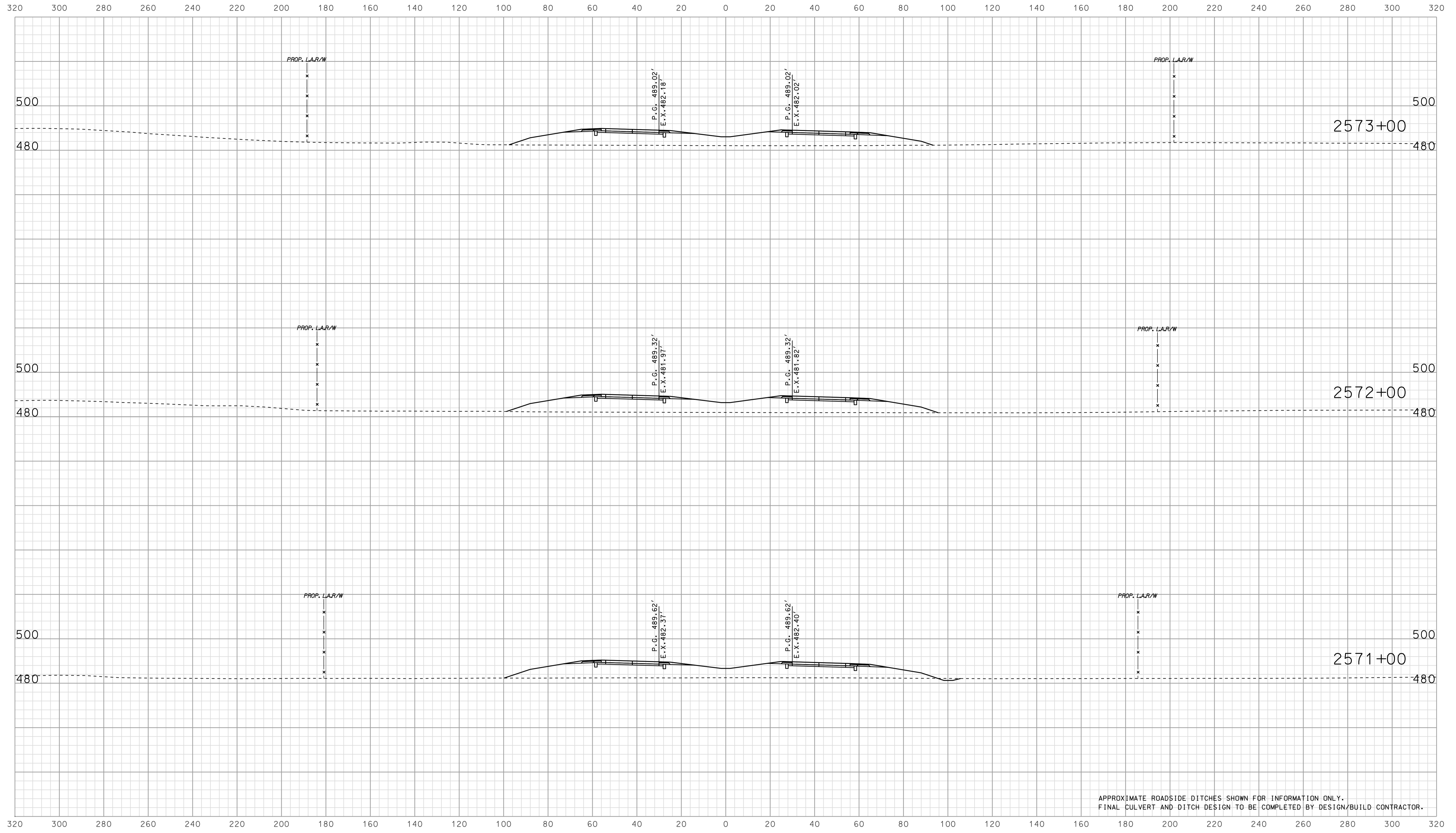


RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
1" = 20'	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-54	108 of 150
CONTRACT	PROJECT	
IR-33051	0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

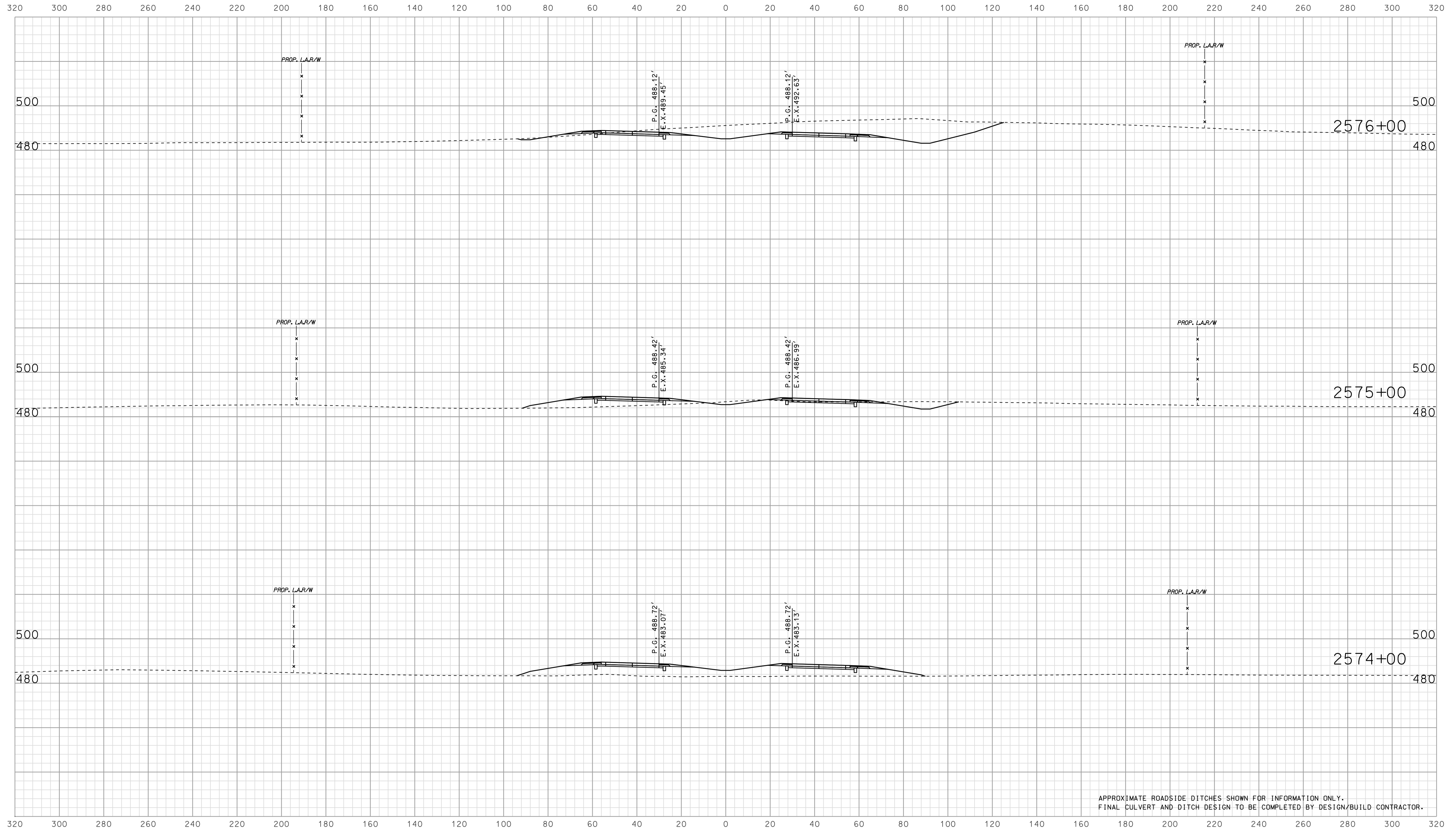
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-55	SHEET NO. 109 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

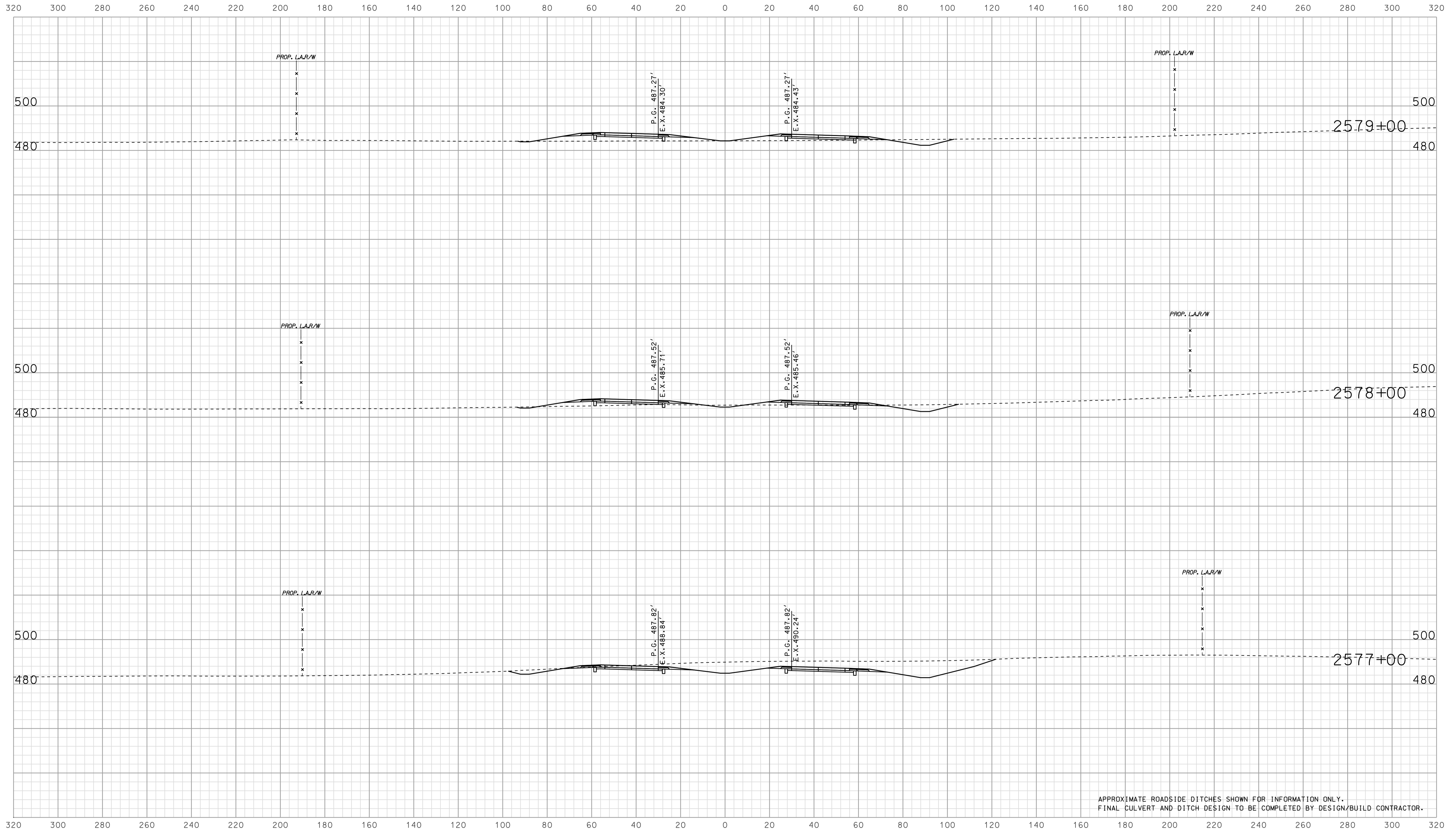
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-56	SHEET NO. 110 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

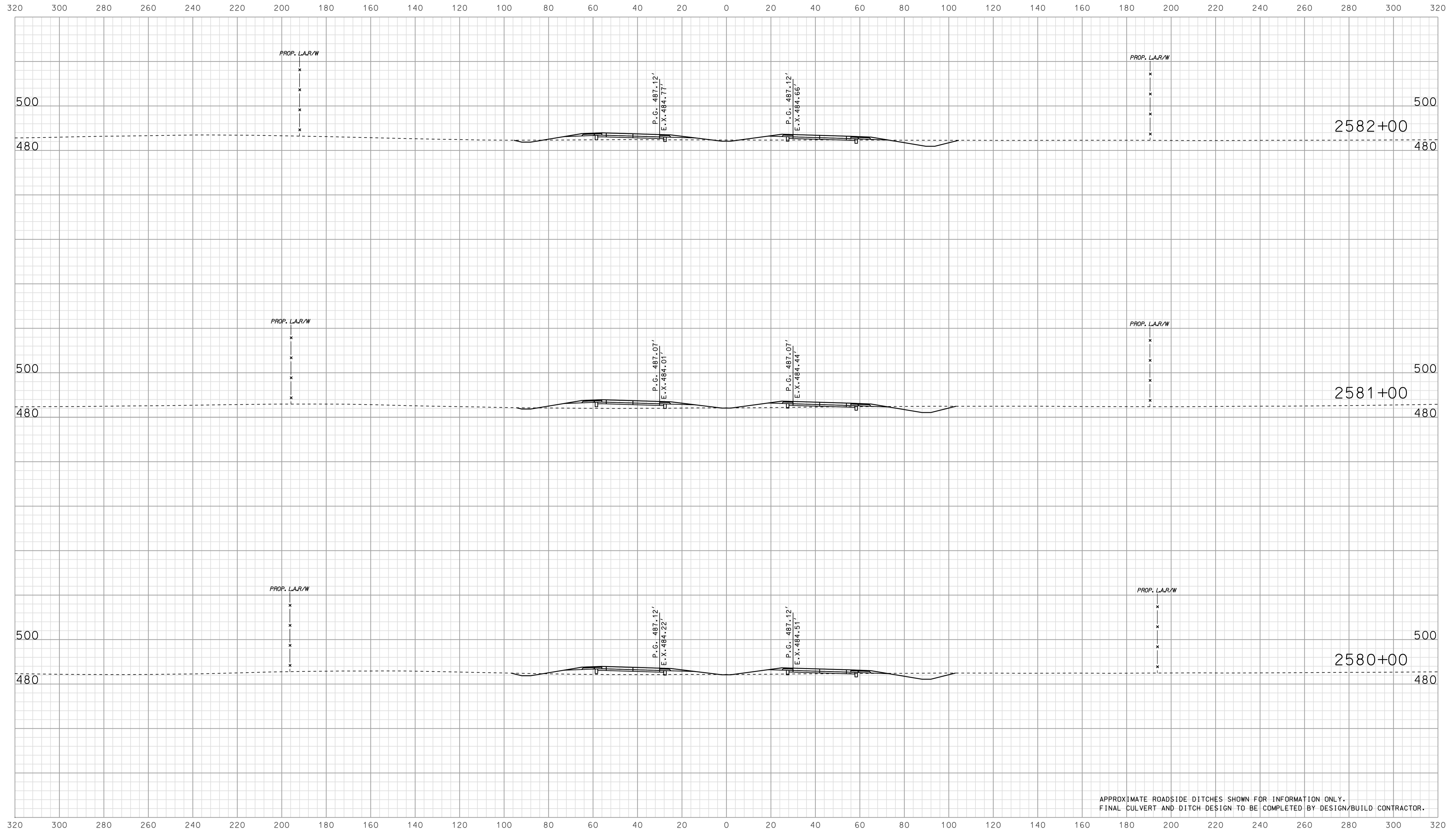
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-57	SHEET NO. 111 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

07A08
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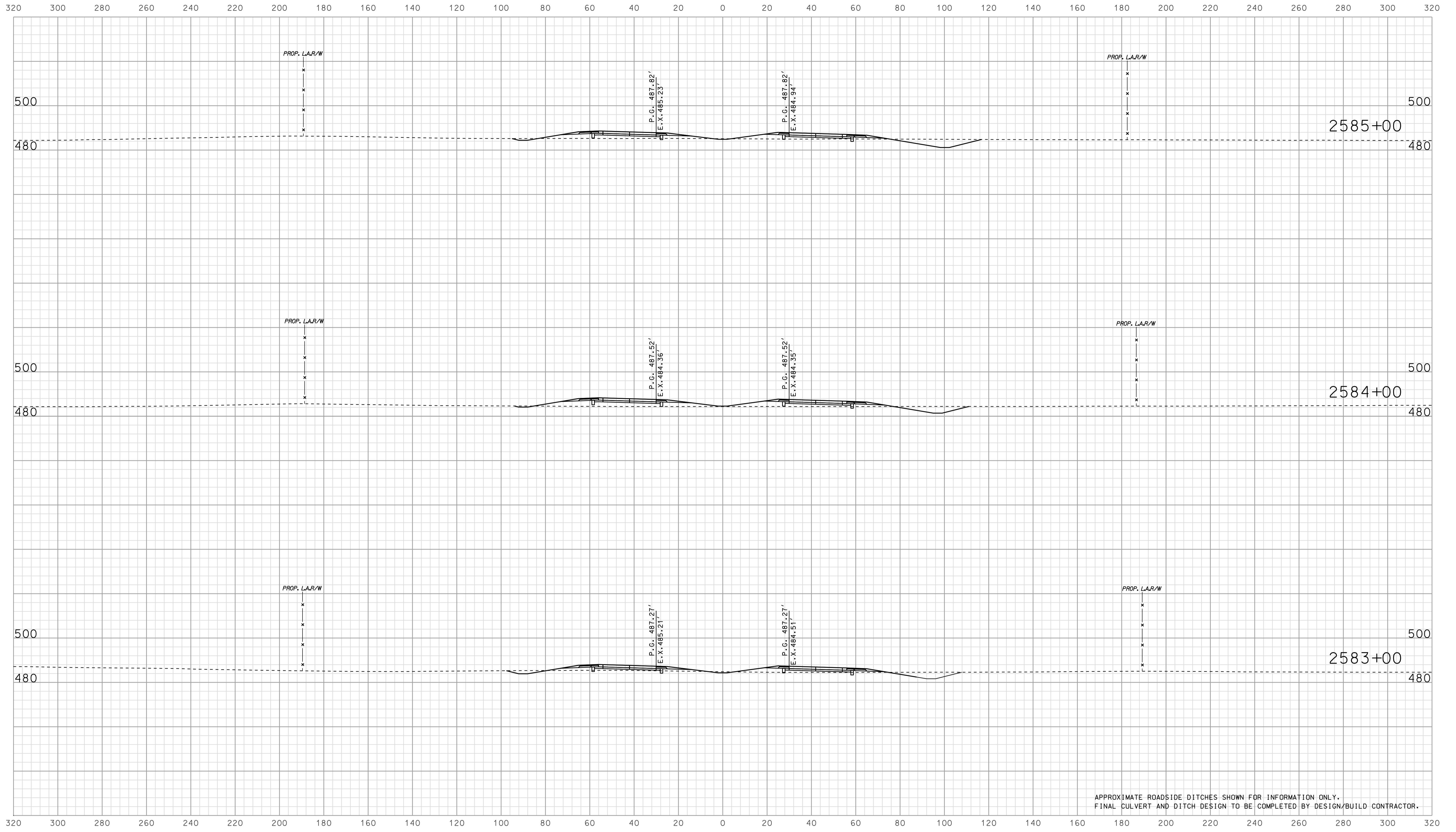
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
1" = 20'	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-58	112 of 150
CONTRACT	PROJECT	
IR-33051	0902176	

Scale 1 inch = 20 feet



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

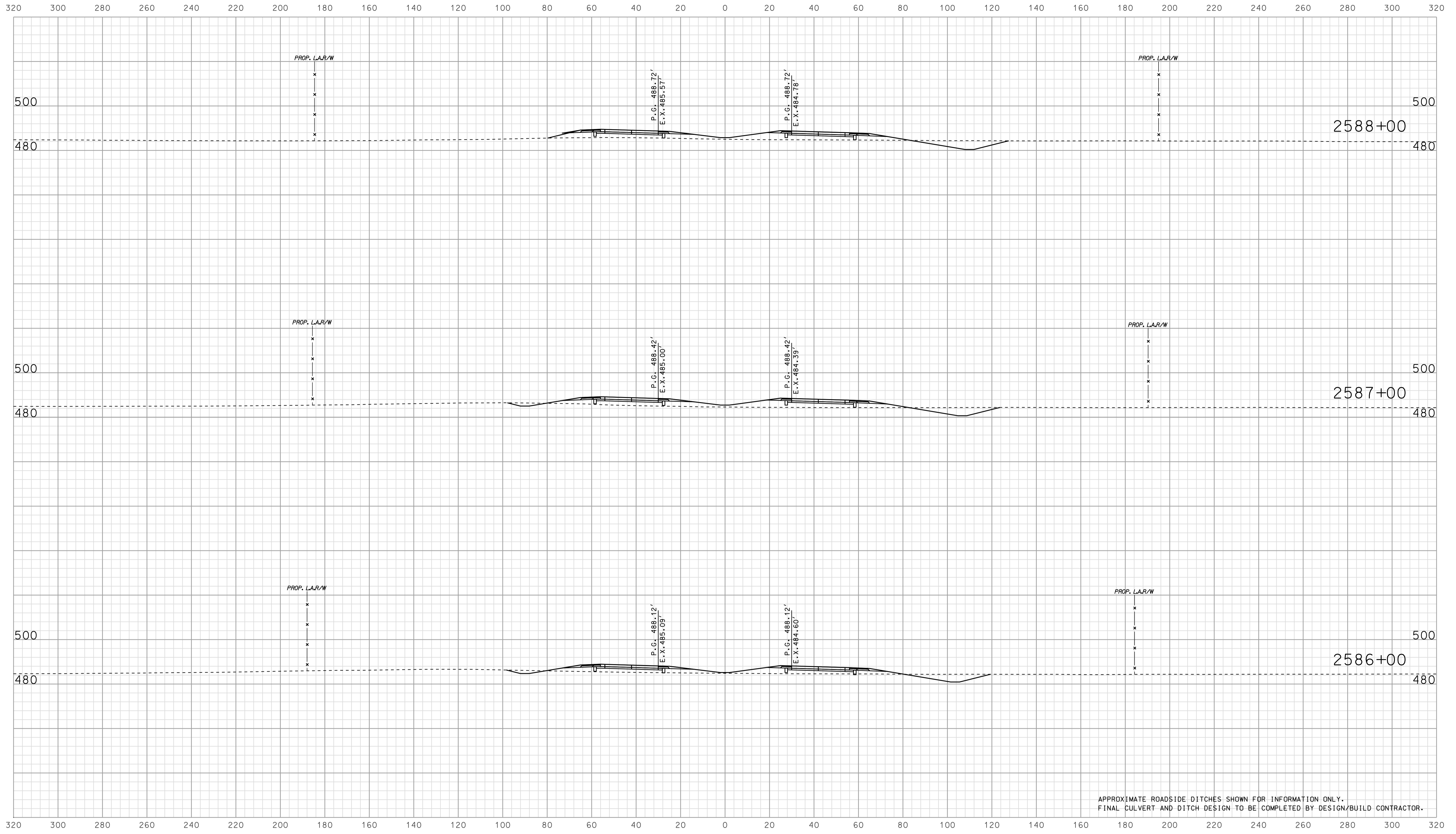
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
1" = 20'	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-59	113 of 150
CONTRACT	PROJECT	
IR-33051	0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

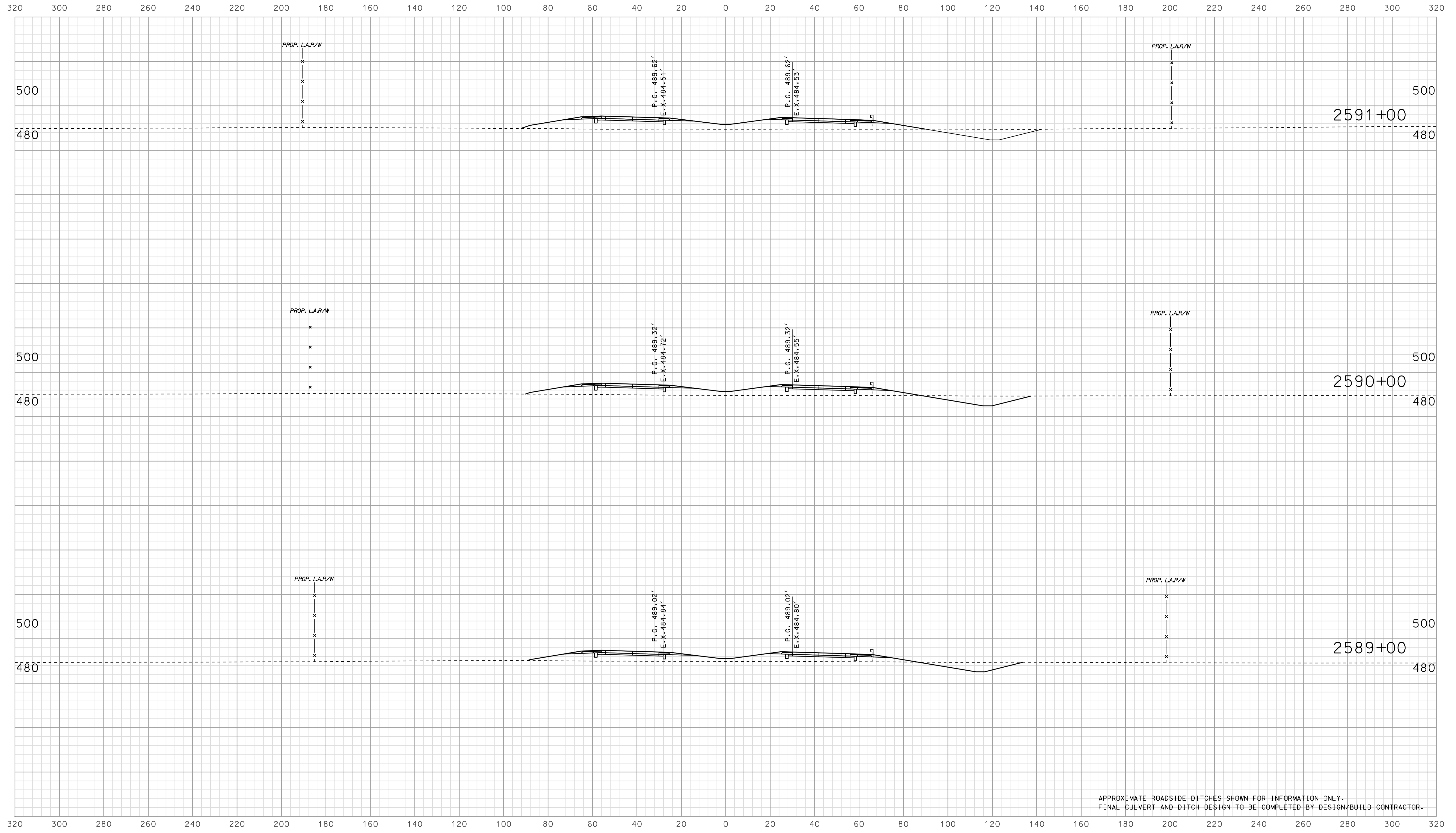
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: BJO	DRAWN: DH		
CHECKED: NOH	CHECKED: DMA		

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-60	SHEET NO. 114 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

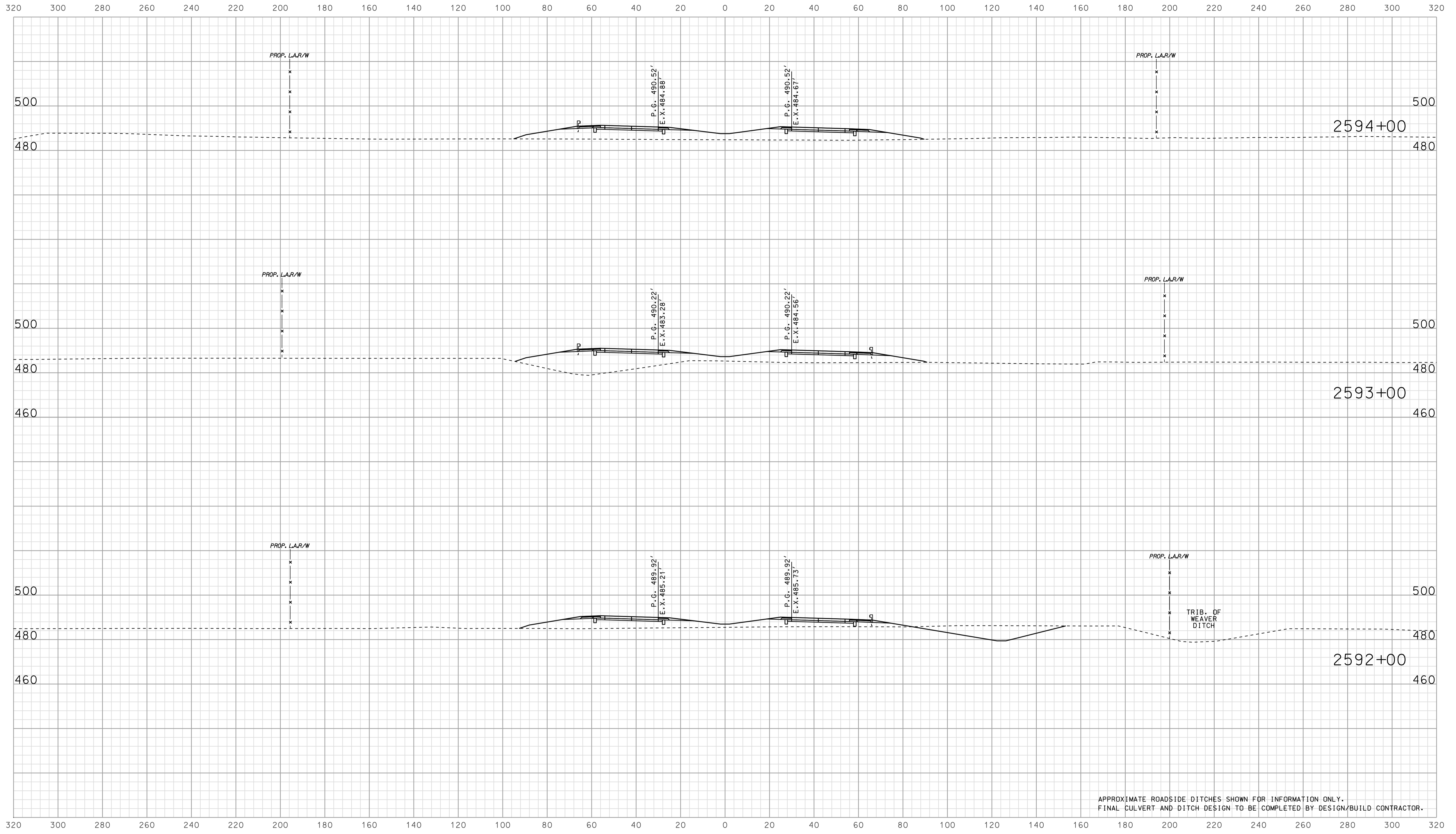
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: BJO	DRAWN: DH		
CHECKED: NOH	CHECKED: DMA		

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-61	SHEET NO. 115 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

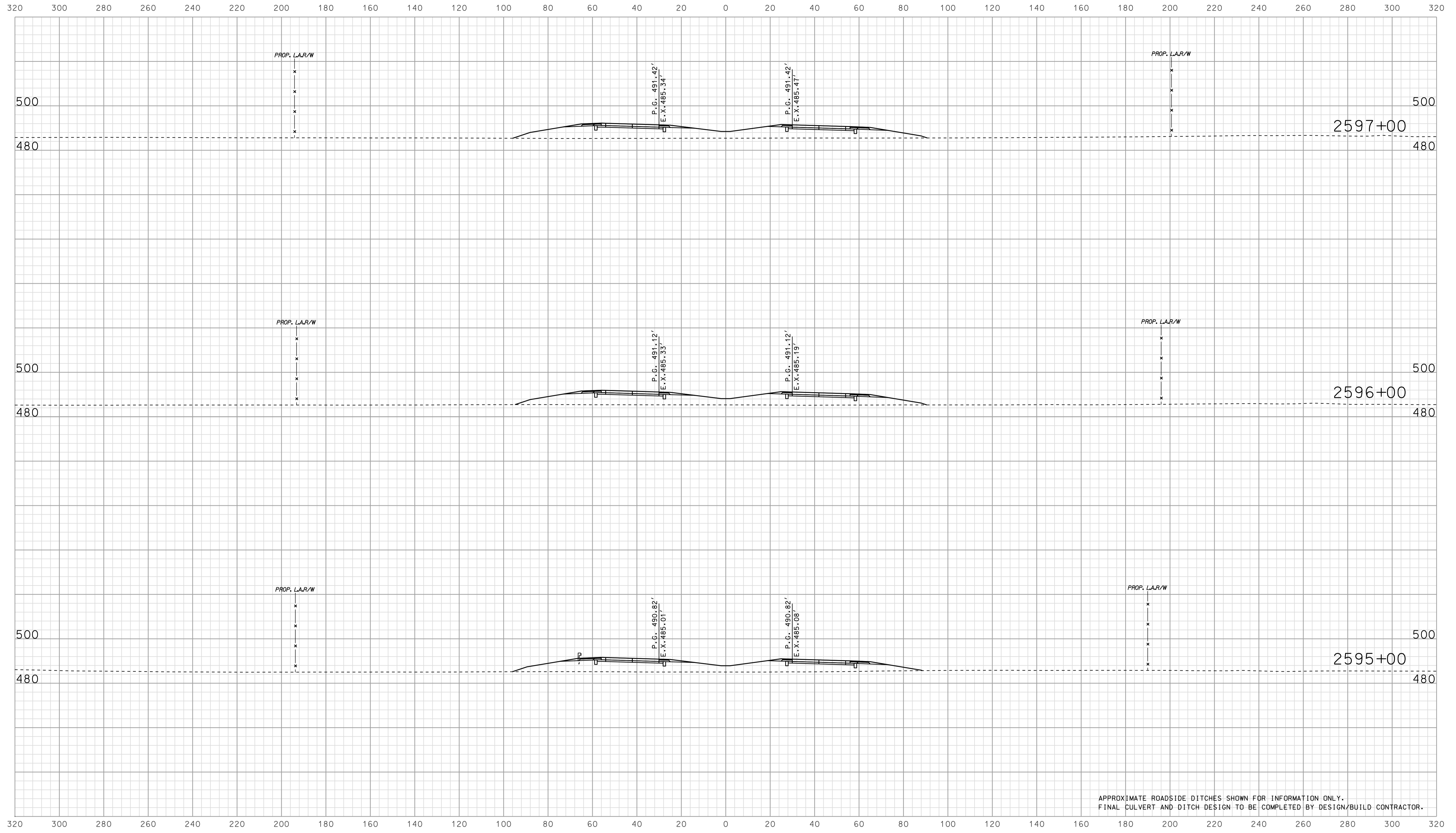
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS
LINE "A"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
1" = 20'	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
	XS-62	116 of 150
CONTRACT	PROJECT	
IR-33051	0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

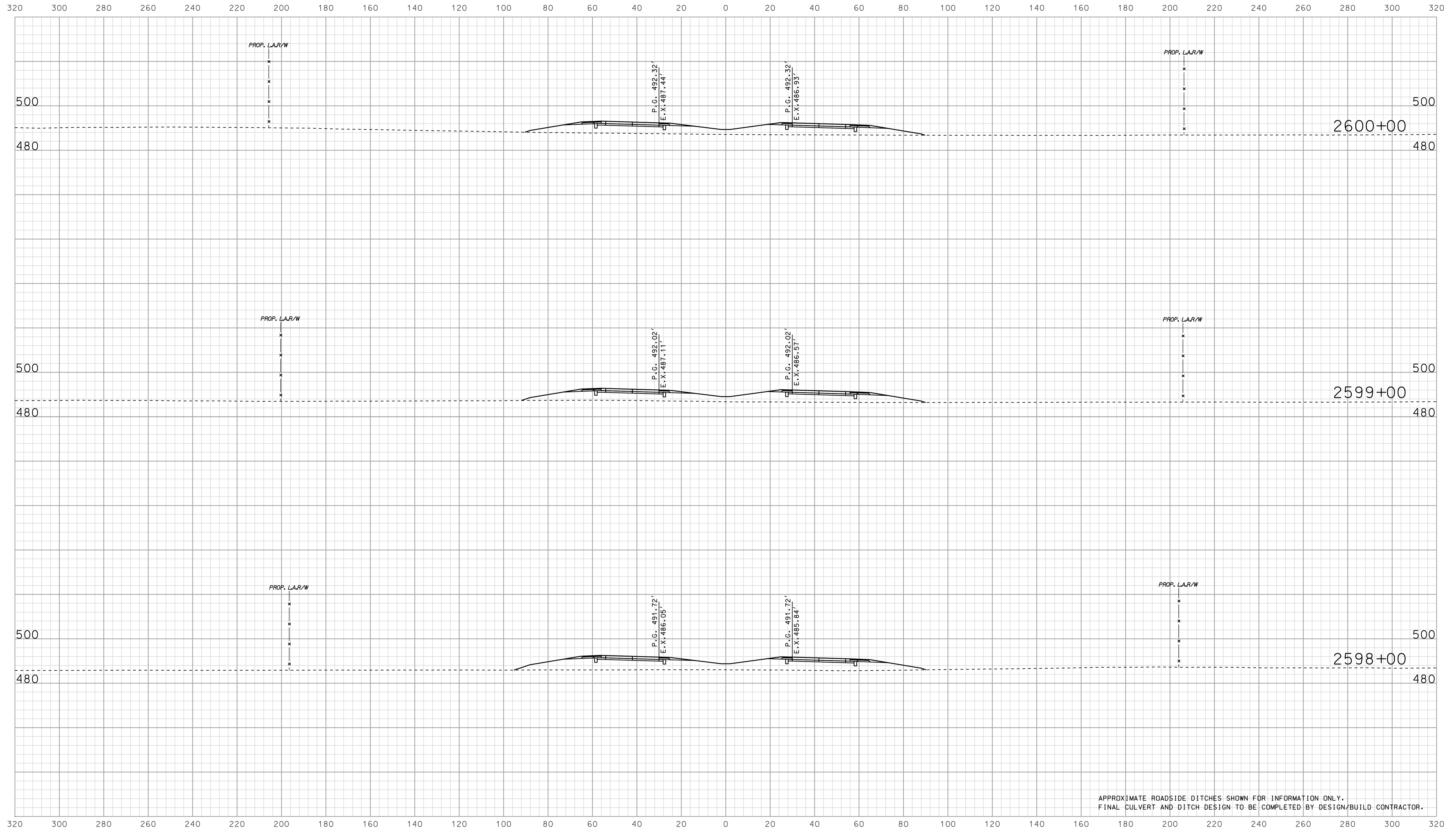
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: TAH	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-63	SHEET NO. 117 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

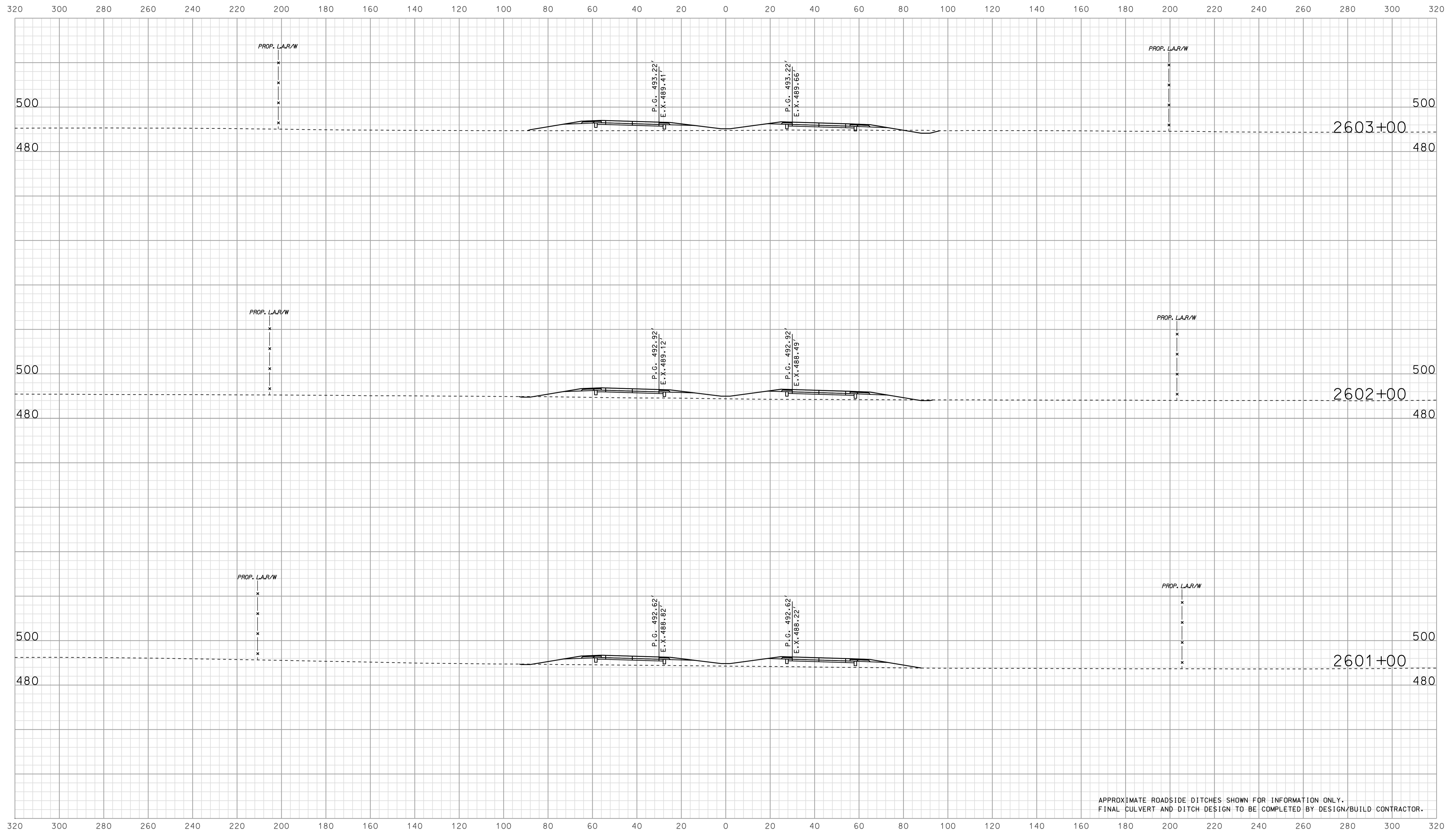
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-64	SHEET NO. 118 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

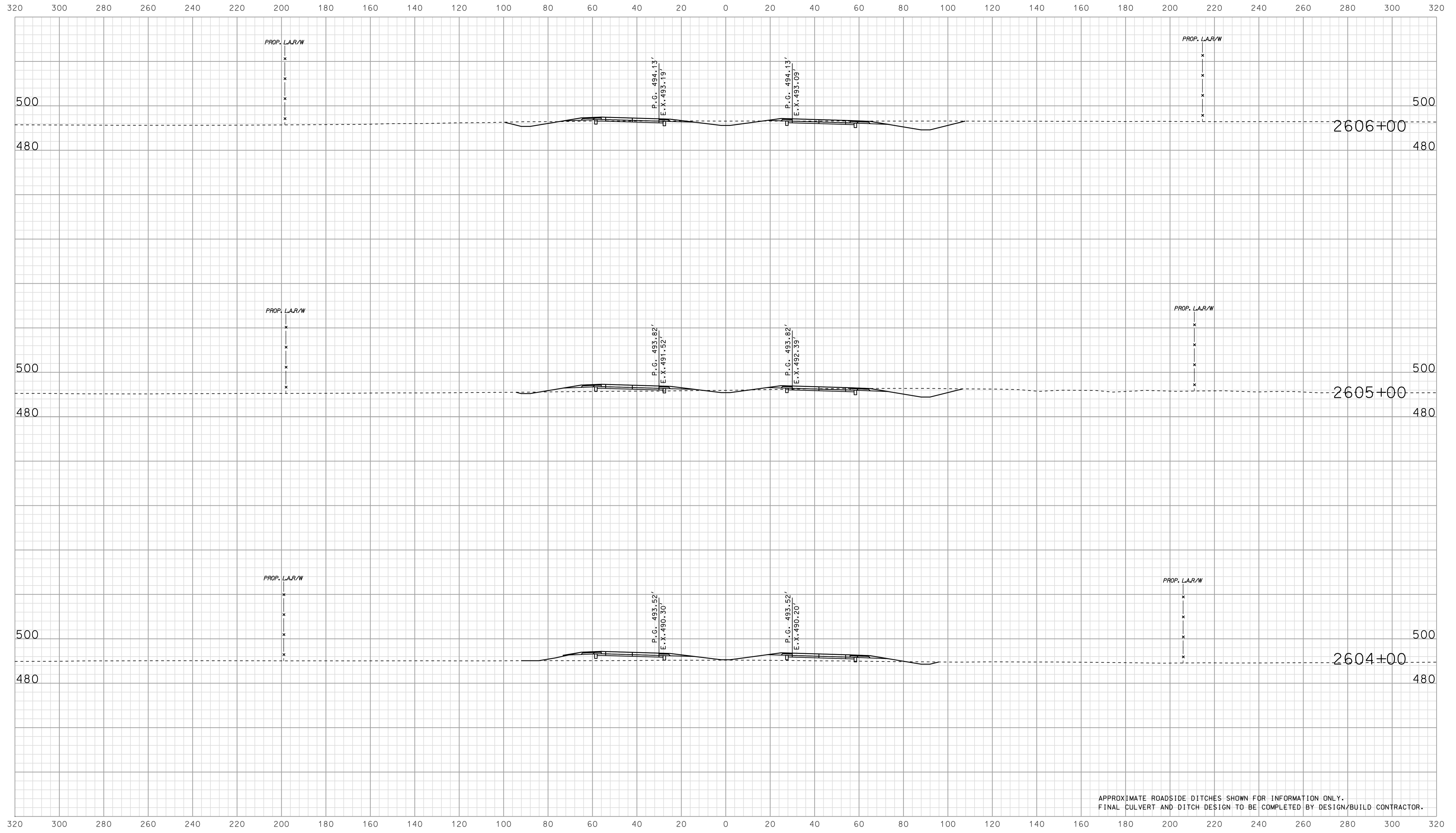
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: BJO	DRAWN: DH		
CHECKED: NOH	CHECKED: DMA		

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-65	SHEET NO. 119 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

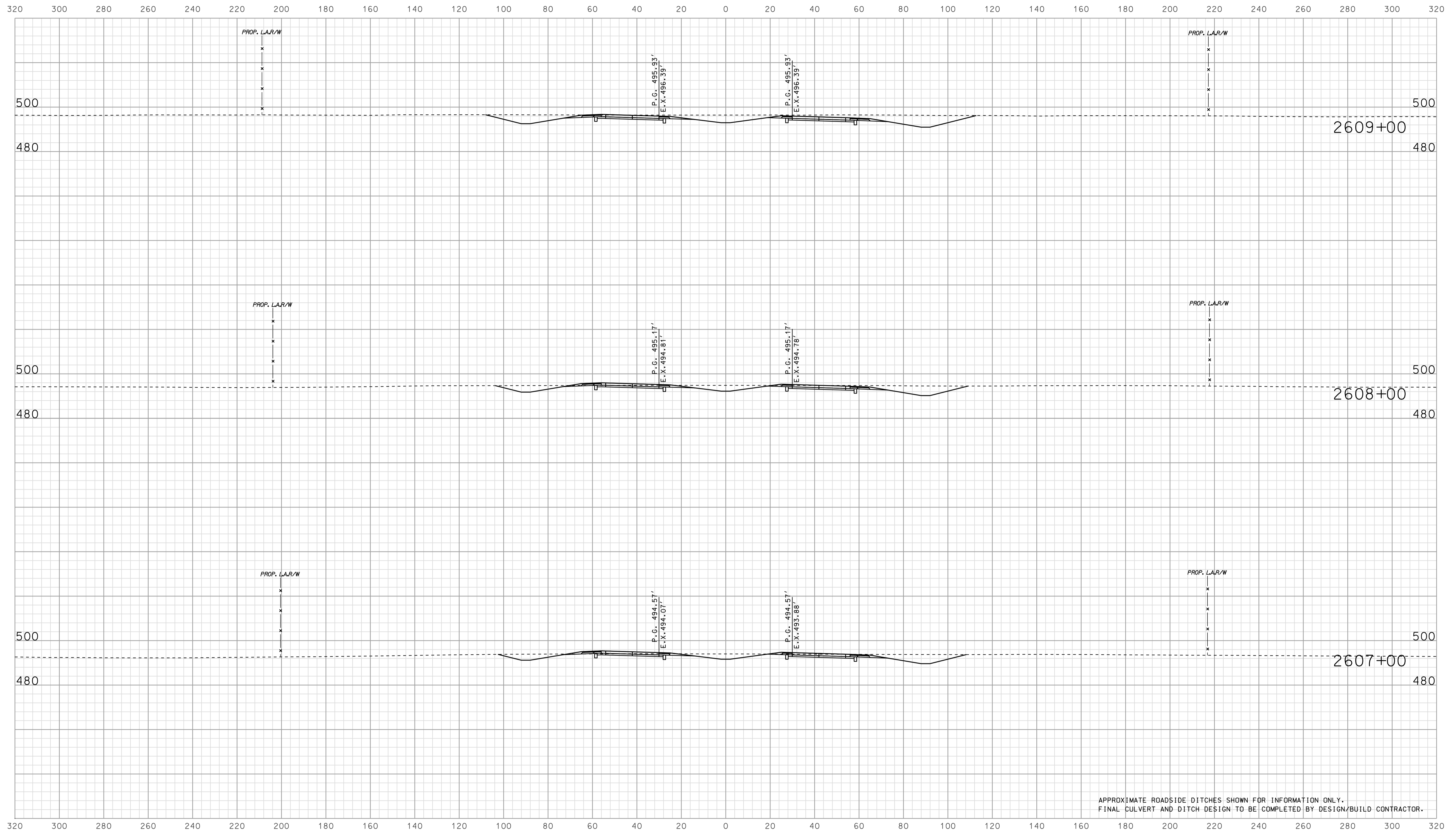
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-66	SHEET NO. 120 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

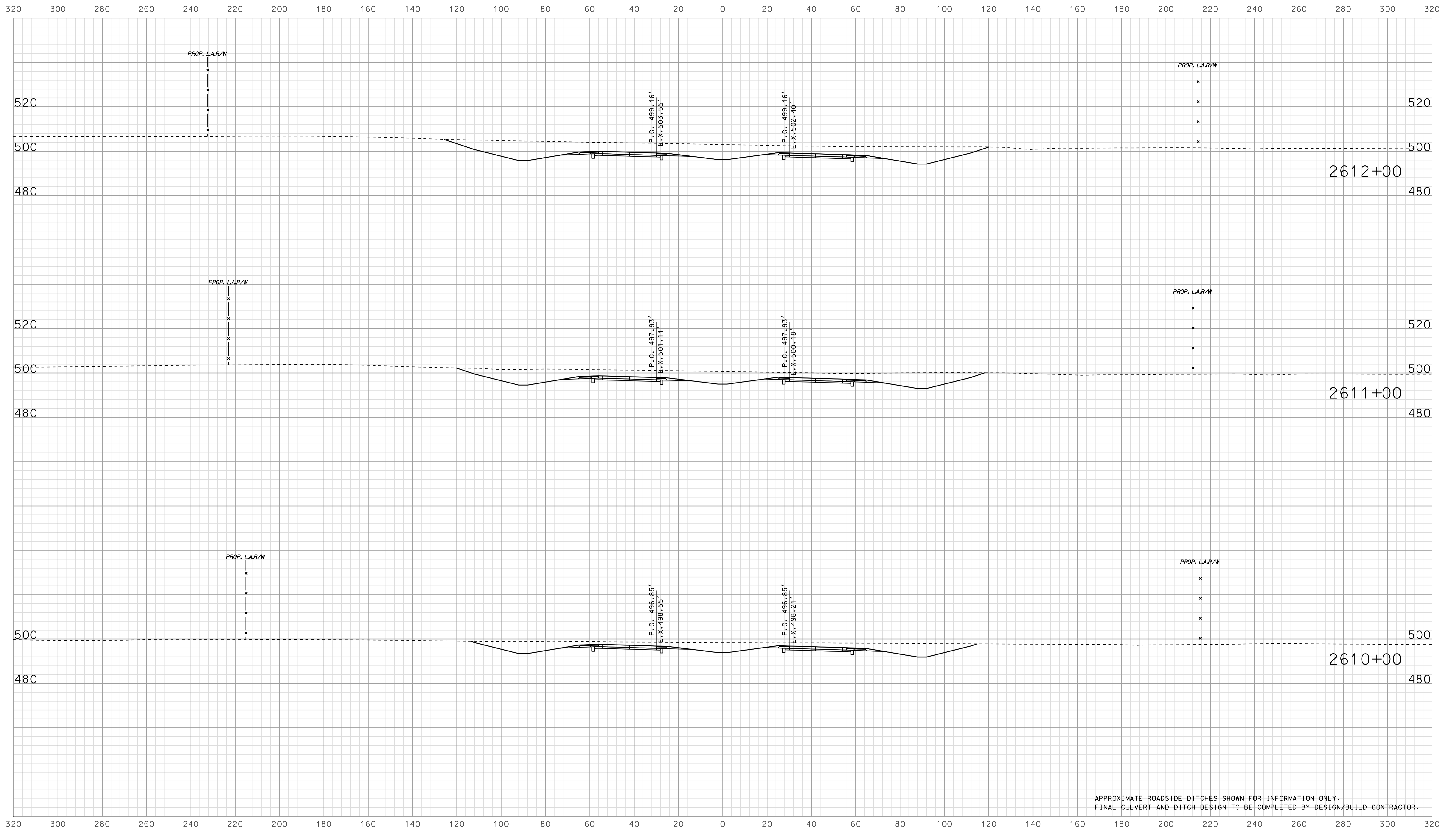
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-67	SHEET NO. 121 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

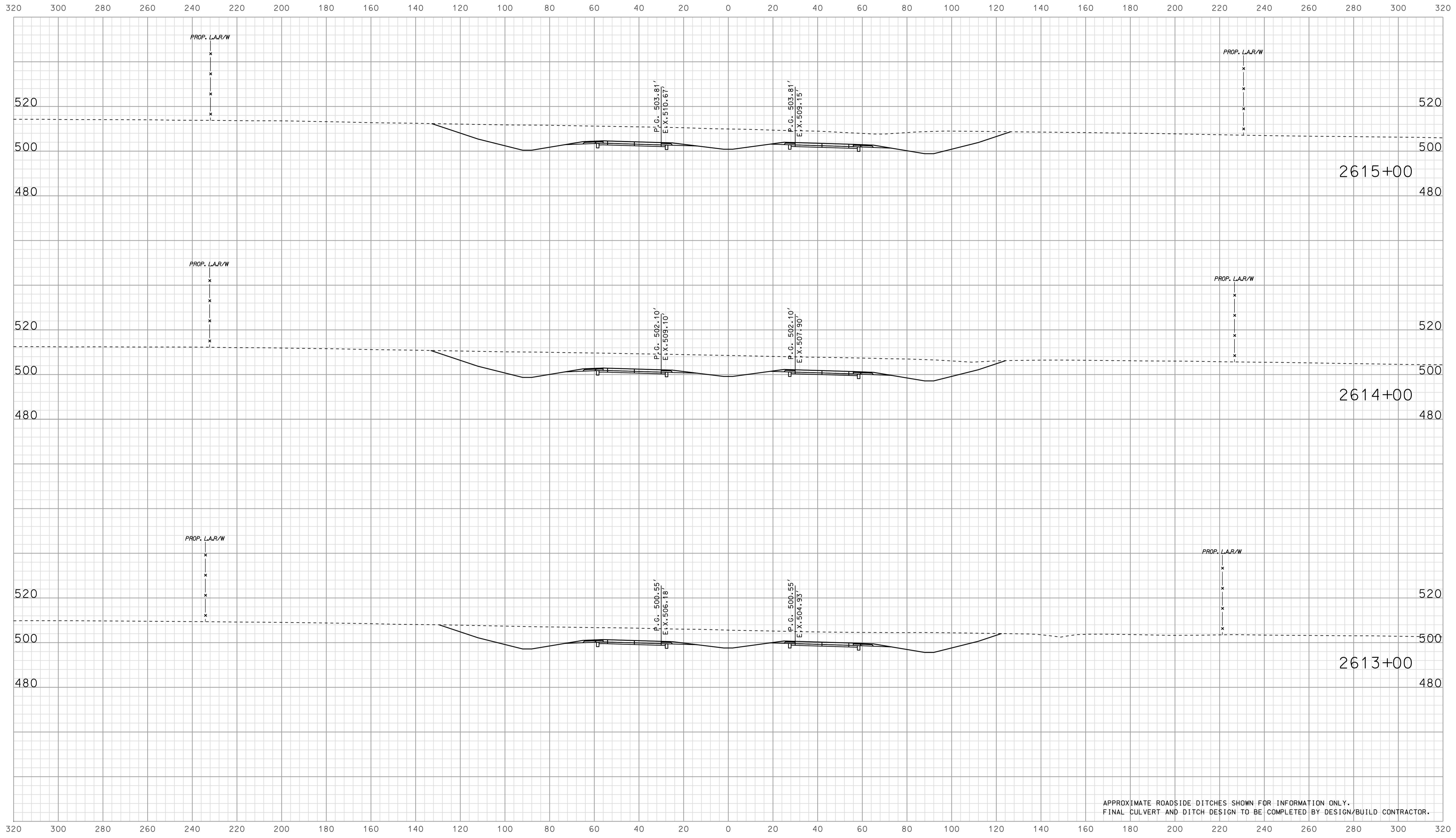
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-68	SHEET NO. 122 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

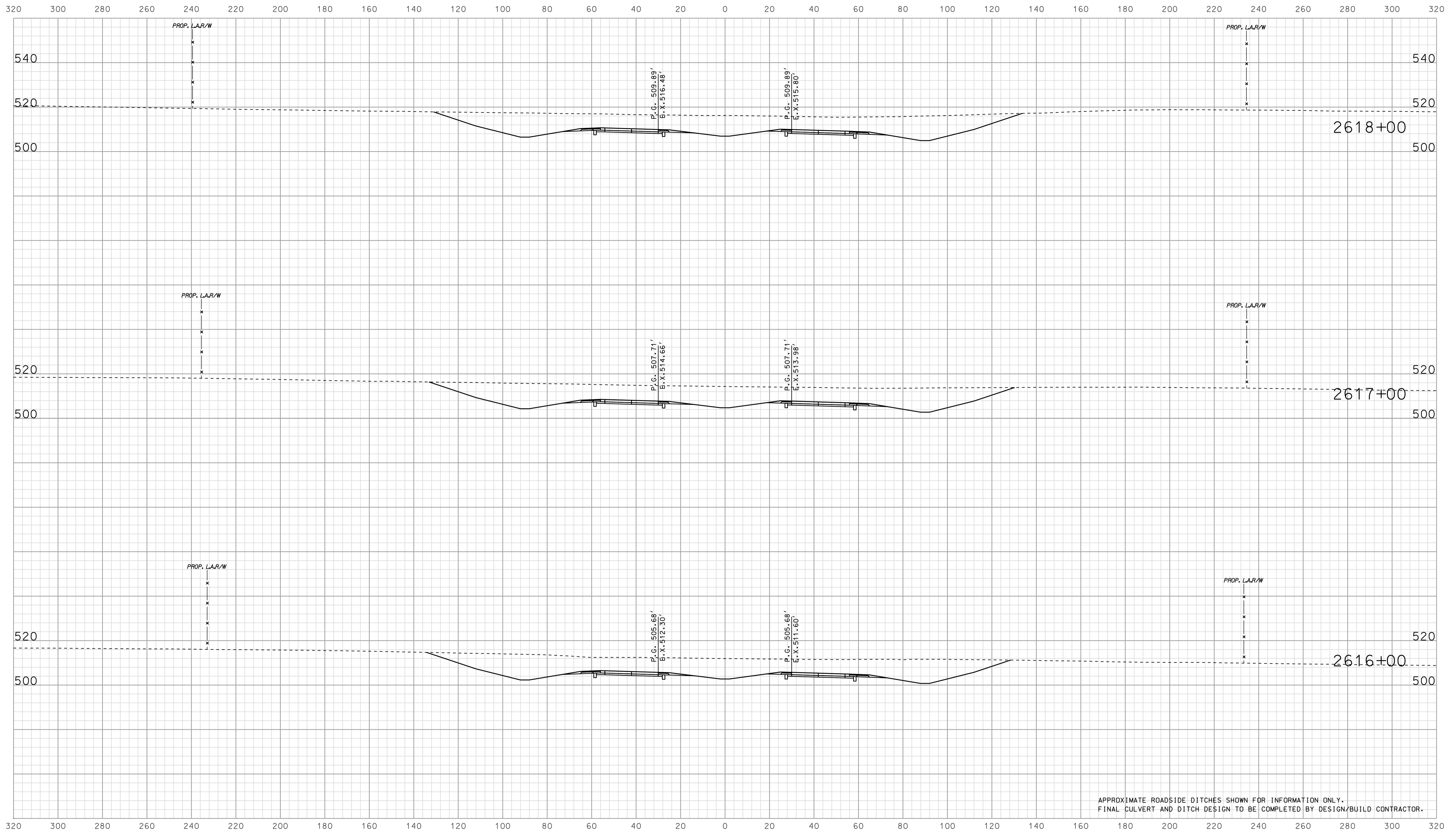
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE
DESIGNED: BJO	DRAWN: DH			
CHECKED: NOH	CHECKED: DMA			

INDIANA
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS
LINE "A"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE	
VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-69	SHEET NO. 123 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

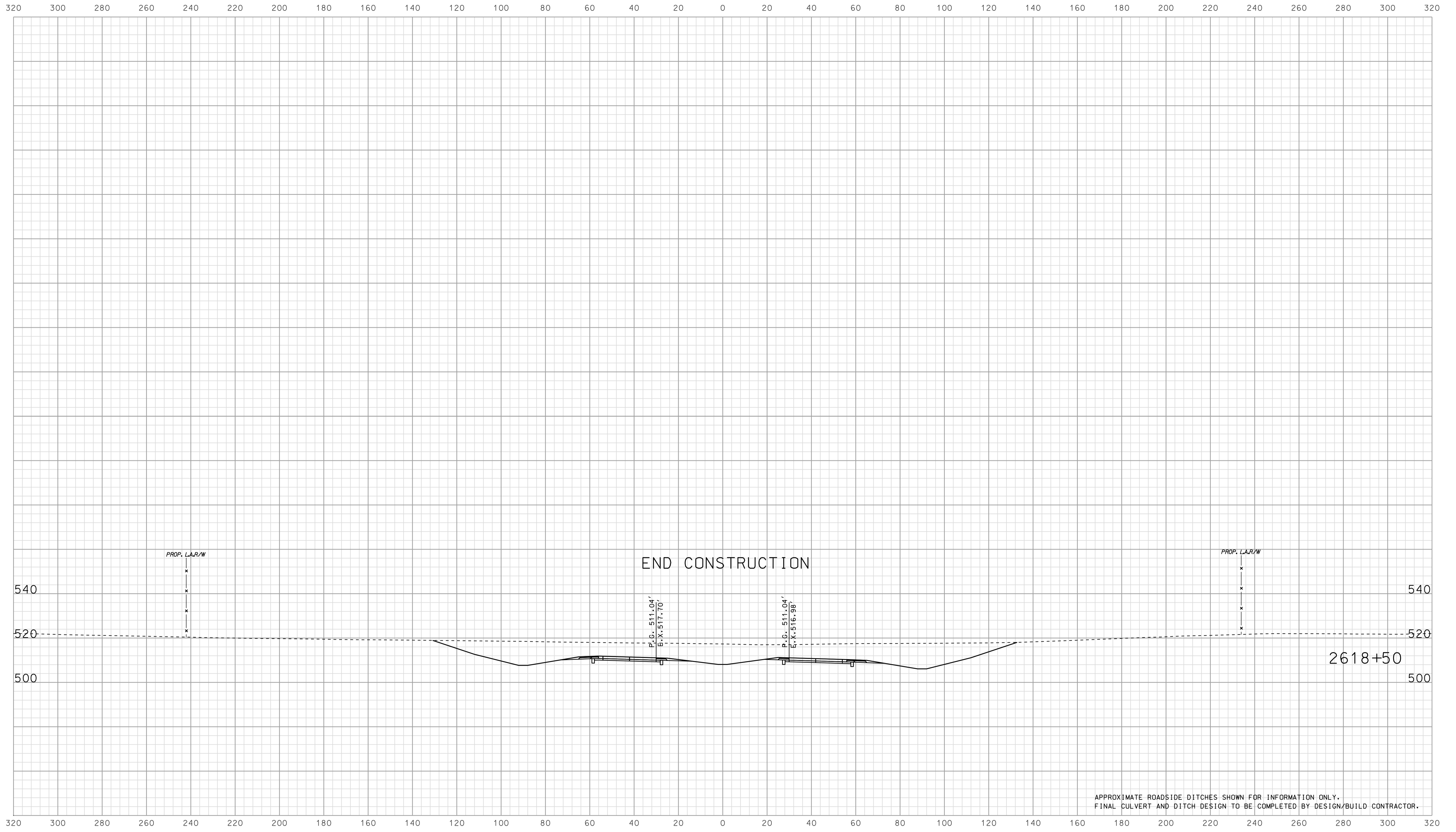
07/10
 09/05
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NOH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "A"

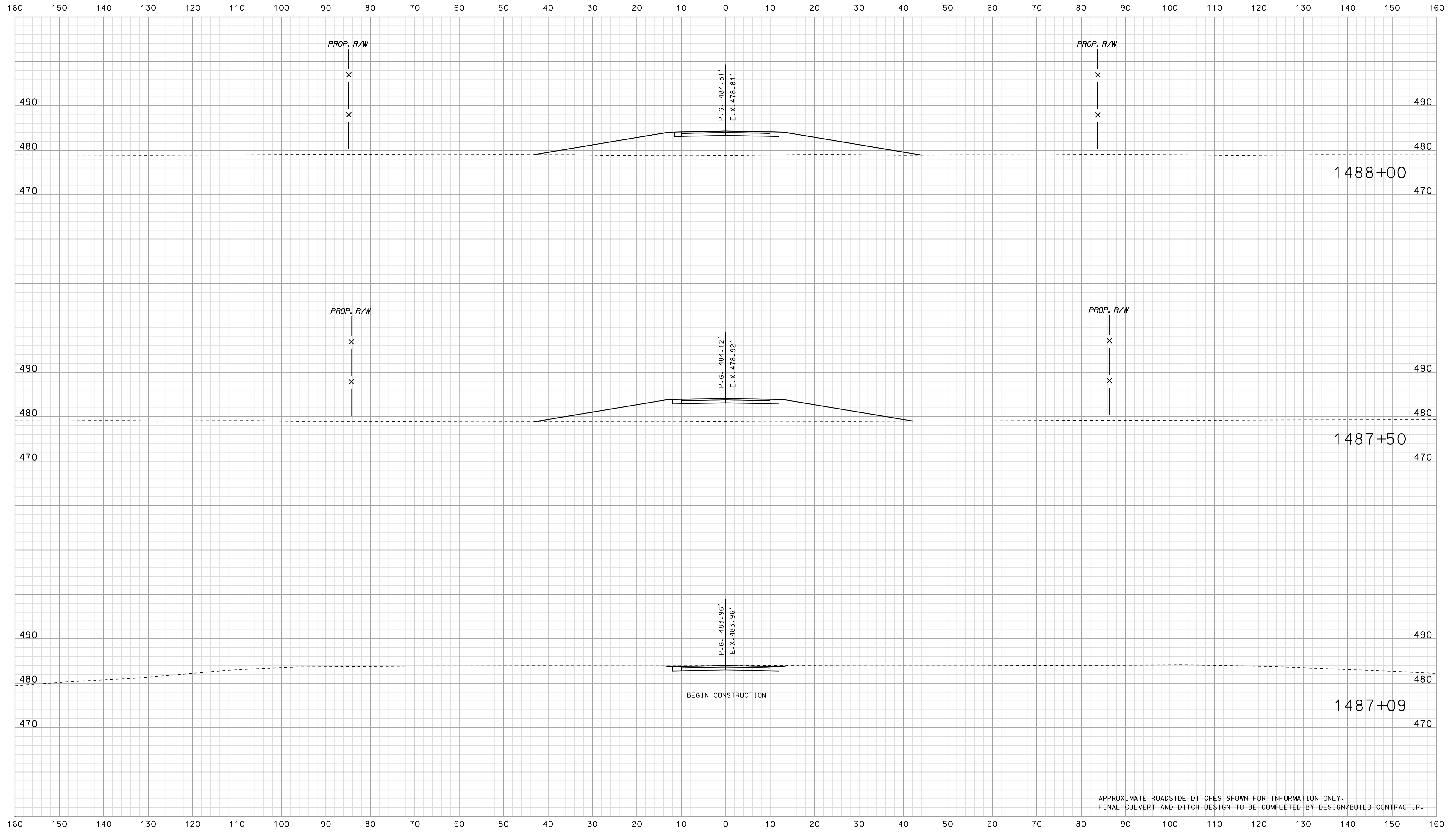
HORIZONTAL SCALE	BRIDGE FILE	
1" = 20'		
VERTICAL SCALE	DESIGNATION	
1" = 20'	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
IR-33051	XS-70	124 of 150
	PROJECT	
	0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

07/10
 2010
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	RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION			HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
	DESIGNED: BJO	DRAWN: DH	ROADWAY CROSS SECTIONS LINE "A"			VERTICAL SCALE 1" = 20'	DESIGNATION 0902176	
CHECKED: NOH	CHECKED: DMA				SURVEY BOOK	DWG. NO. XS-71	SHEET NO. 125 of 150	
				CONTRACT IR-33051	PROJECT 0902176			



BEGIN CONSTRUCTION

APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

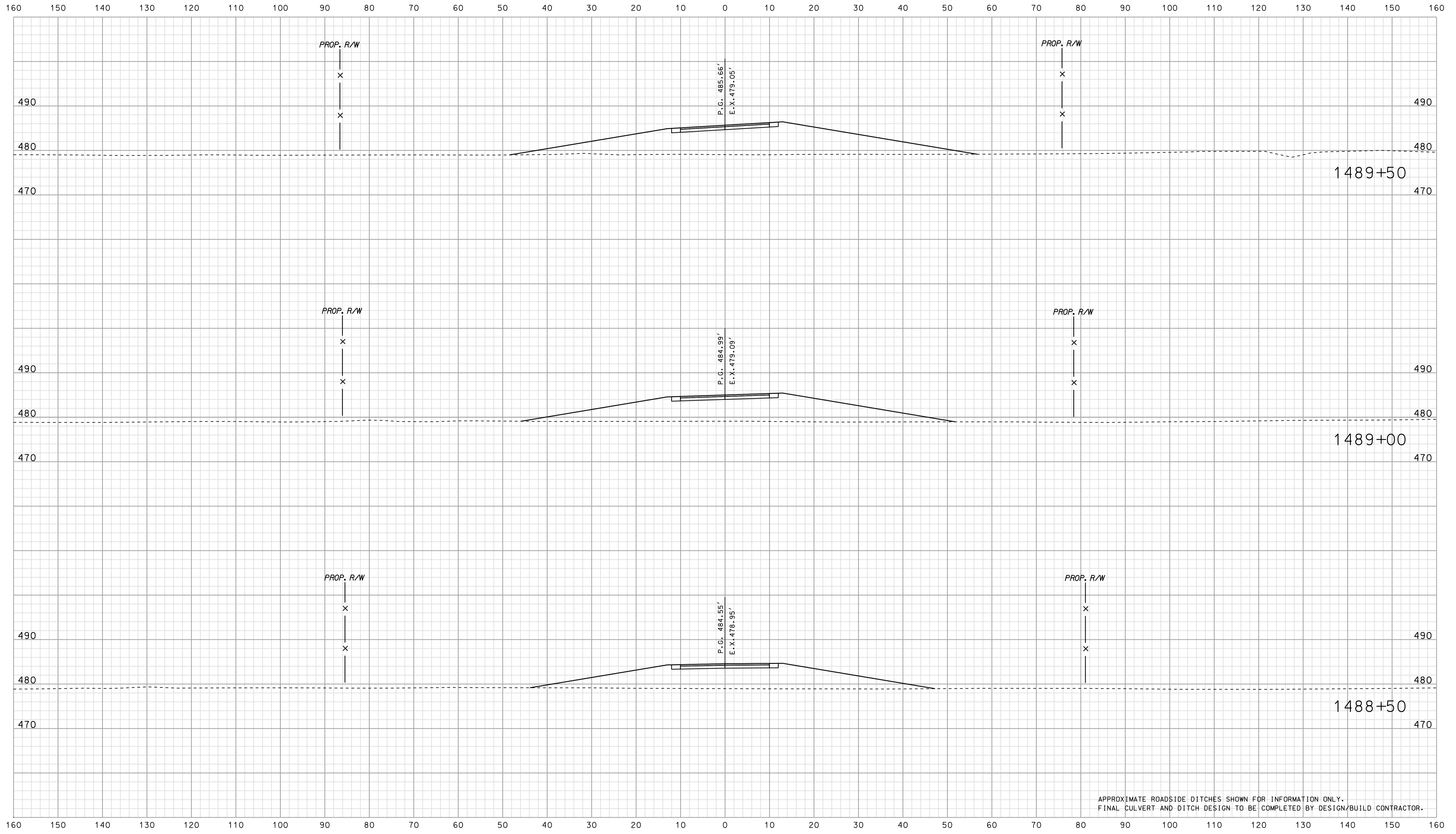
*****SPECIFICATION*****
 07-10

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "PR-CR 1500 N"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-72	SHEET NO. 126 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

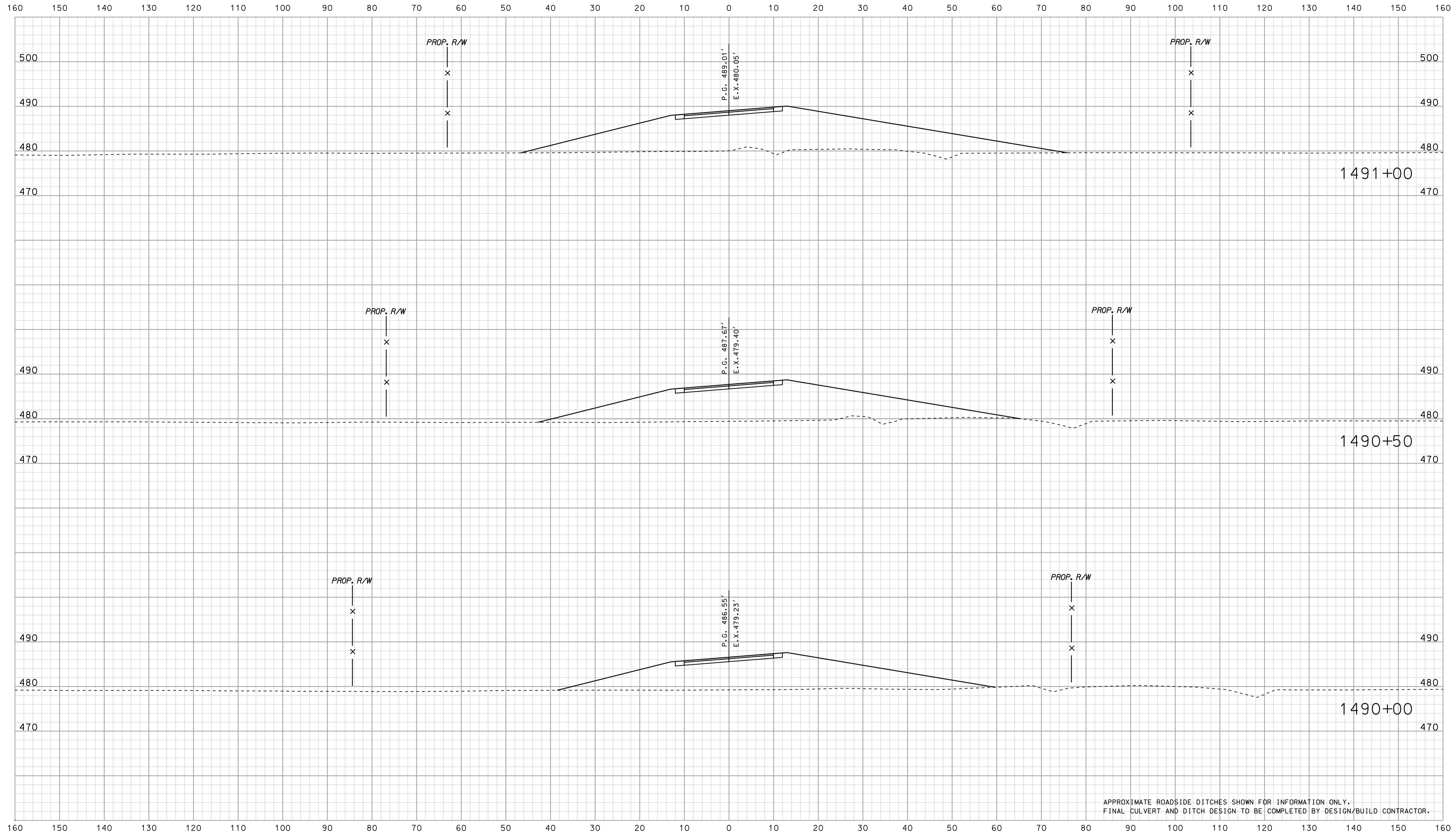
*****SPECIFICATION*****
 *****07-10*****

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS
LINE "PR-CR 1500 N"

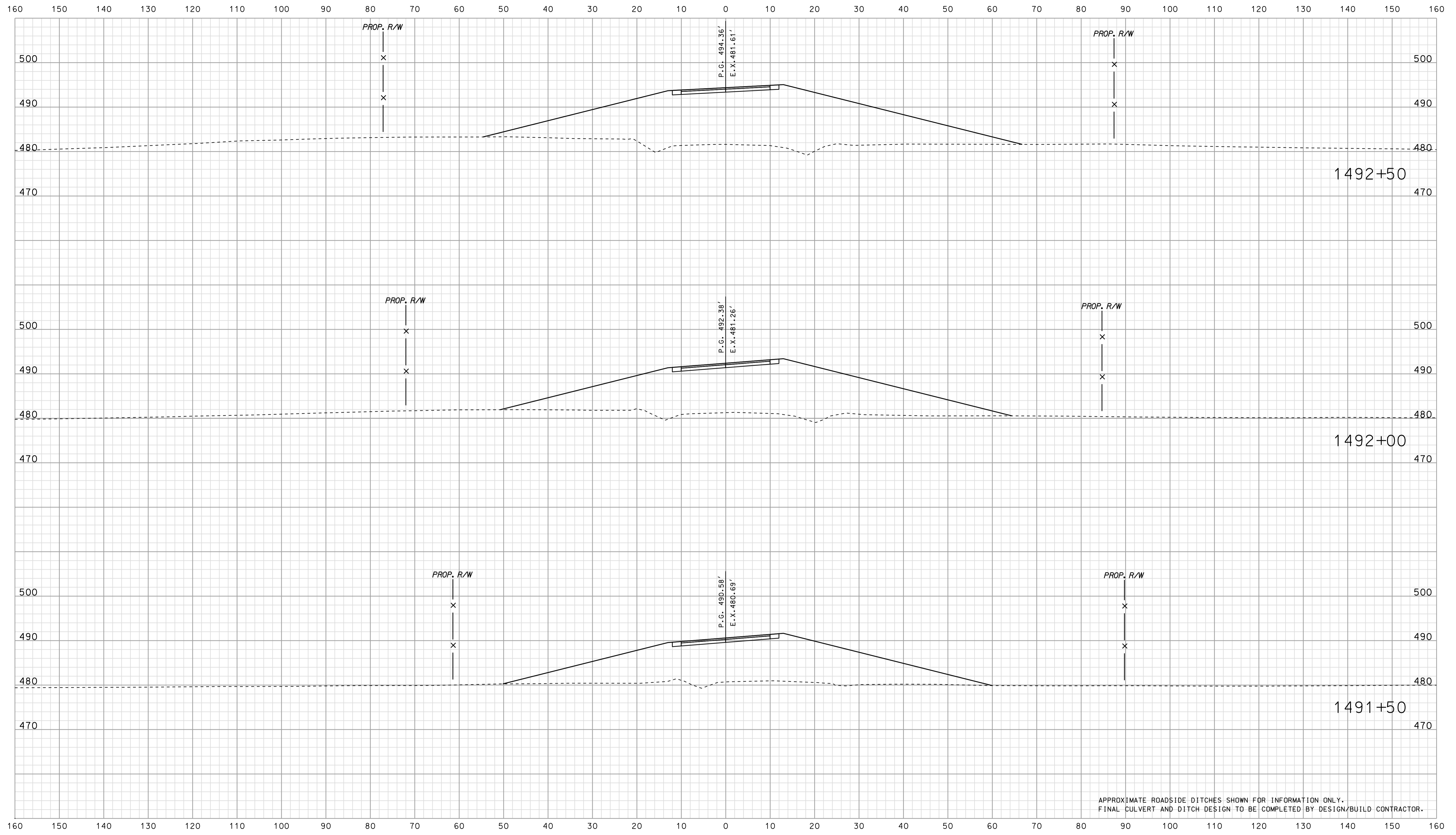
HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-73	SHEET NO. 127 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

*****07-10 *****
 *****SPECIFICATION*****

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION			BRIDGE FILE		
						DESIGNATION		
DESIGNED: BJO	DRAWN: DH	ROADWAY CROSS SECTIONS LINE "PR-CR 1500 N"			SURVEY BOOK		DWG. NO.	SHEET NO.
CHECKED: NDH	CHECKED: DMA				CONTRACT		XS-74	128 of 150
			IR-33051		PROJECT		0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

*****07/11*****
 *****SPECIFICATION*****
 *****0902176*****

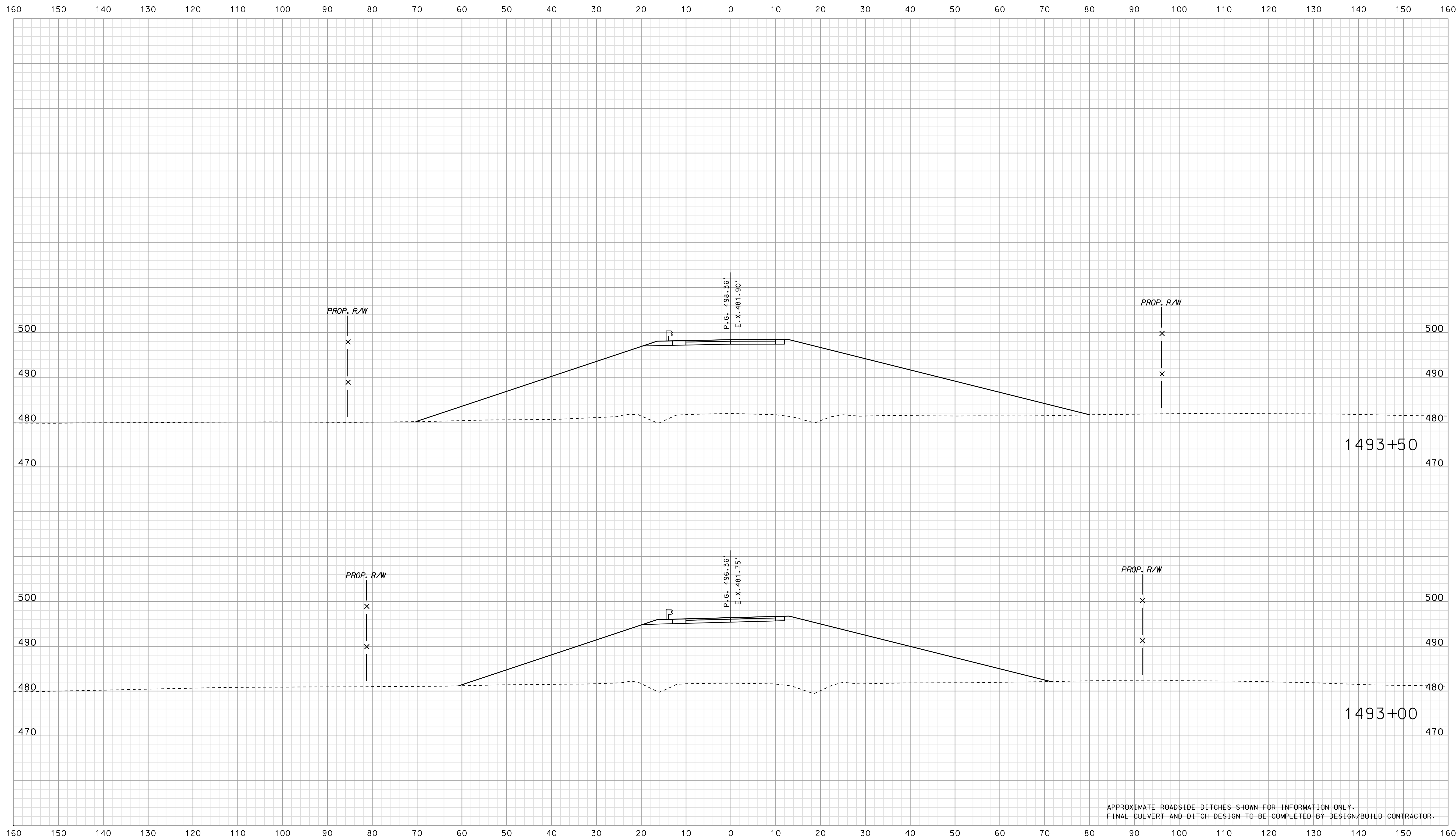
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "PR-CR 1500 N"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-75	SHEET NO. 129 of 150
CONTRACT IR-33051	PROJECT 0902176	

Scale 1 inch = 10 feet



 05-MAY-2006

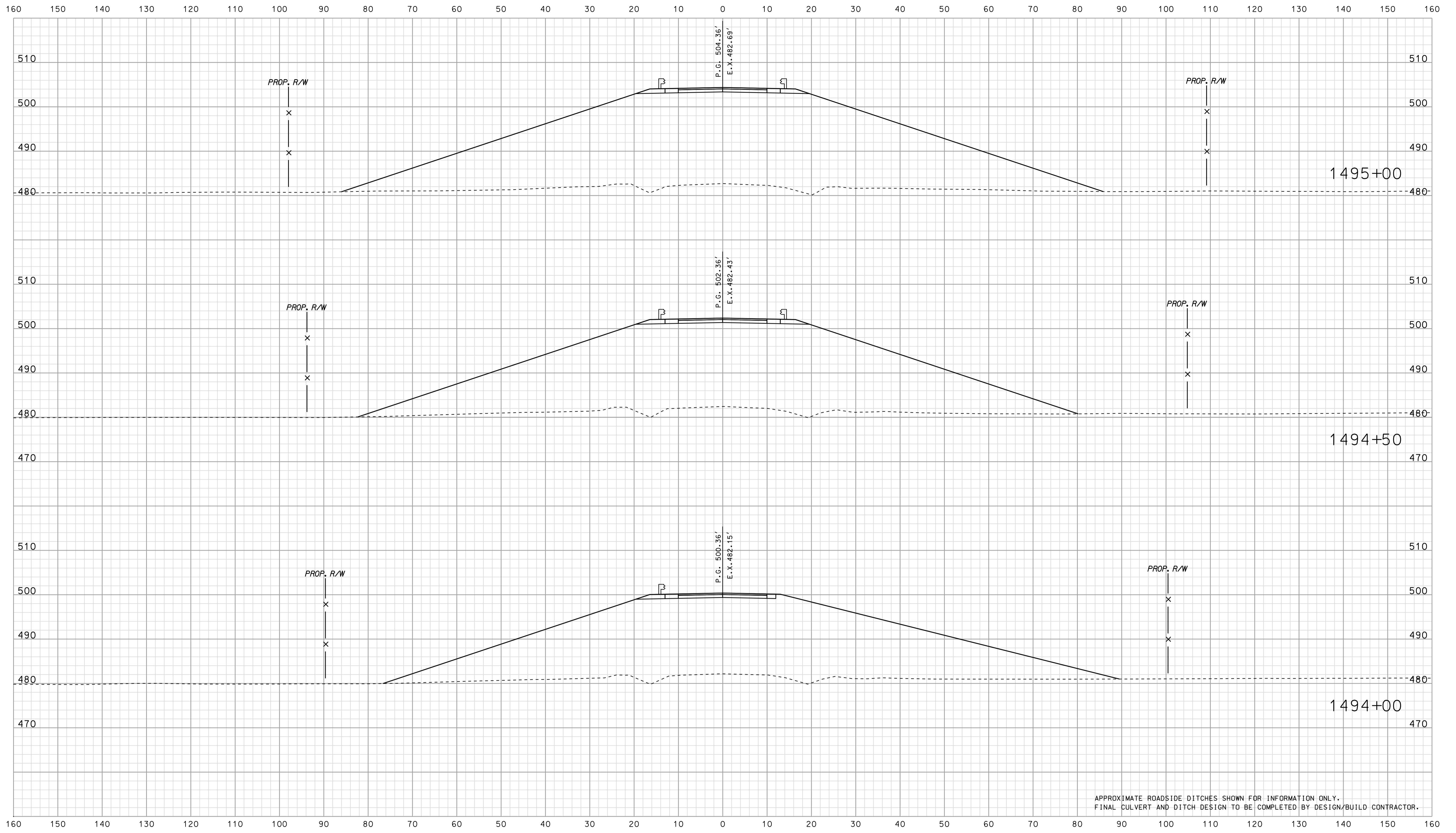
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RECOMMENDED FOR APPROVAL _____	
DESIGN ENGINEER	DATE
DESIGNED: BJO	DRAWN: DH
CHECKED: NDH	CHECKED: DMA

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "PR-CR 1500 N"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-76	SHEET NO. 130 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

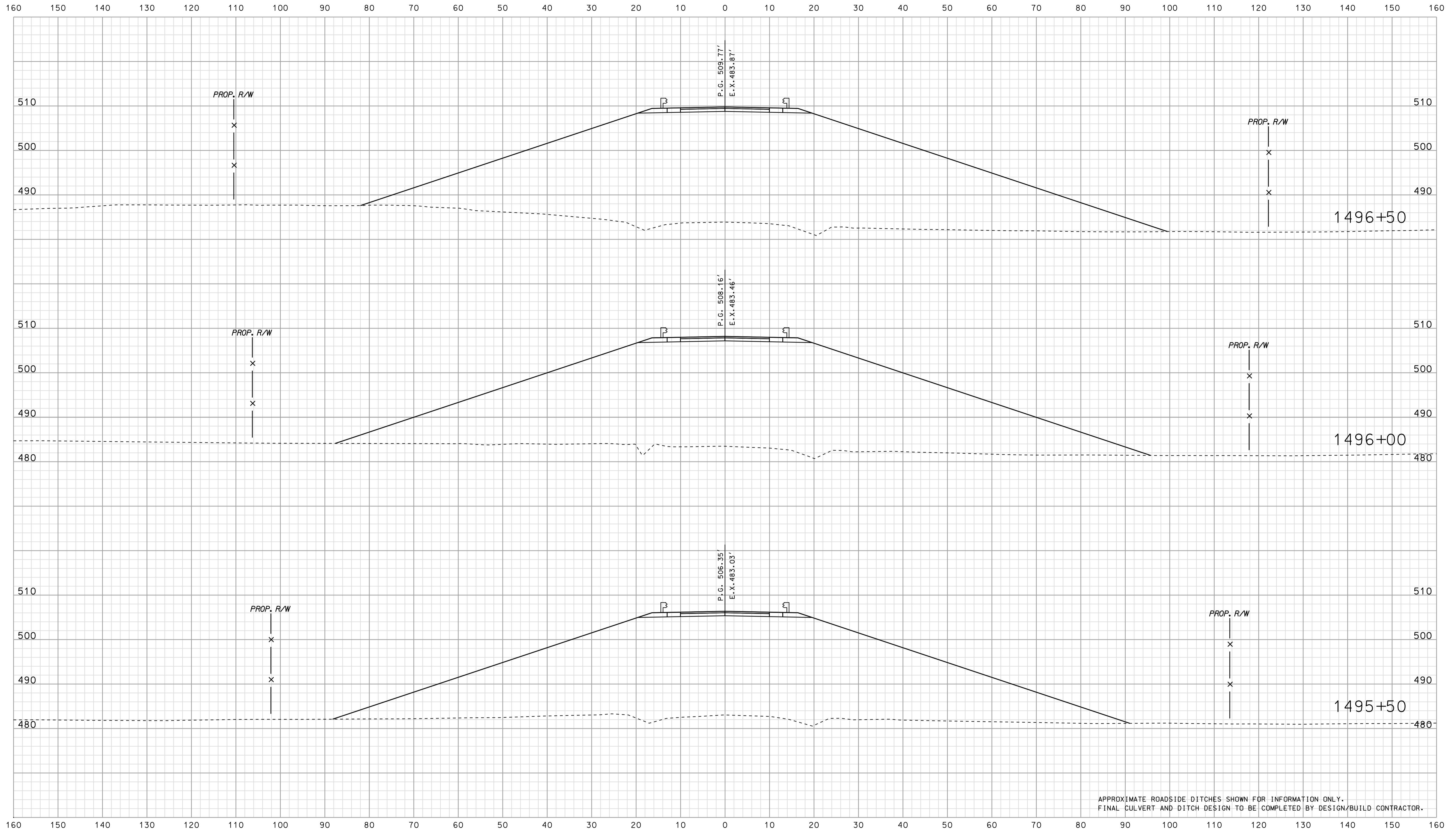
*****07/11*****
 *****SPECIFICATION*****

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "PR-CR 1500 N"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-77	SHEET NO. 131 of 150
CONTRACT IR-33051	PROJECT 0902176	

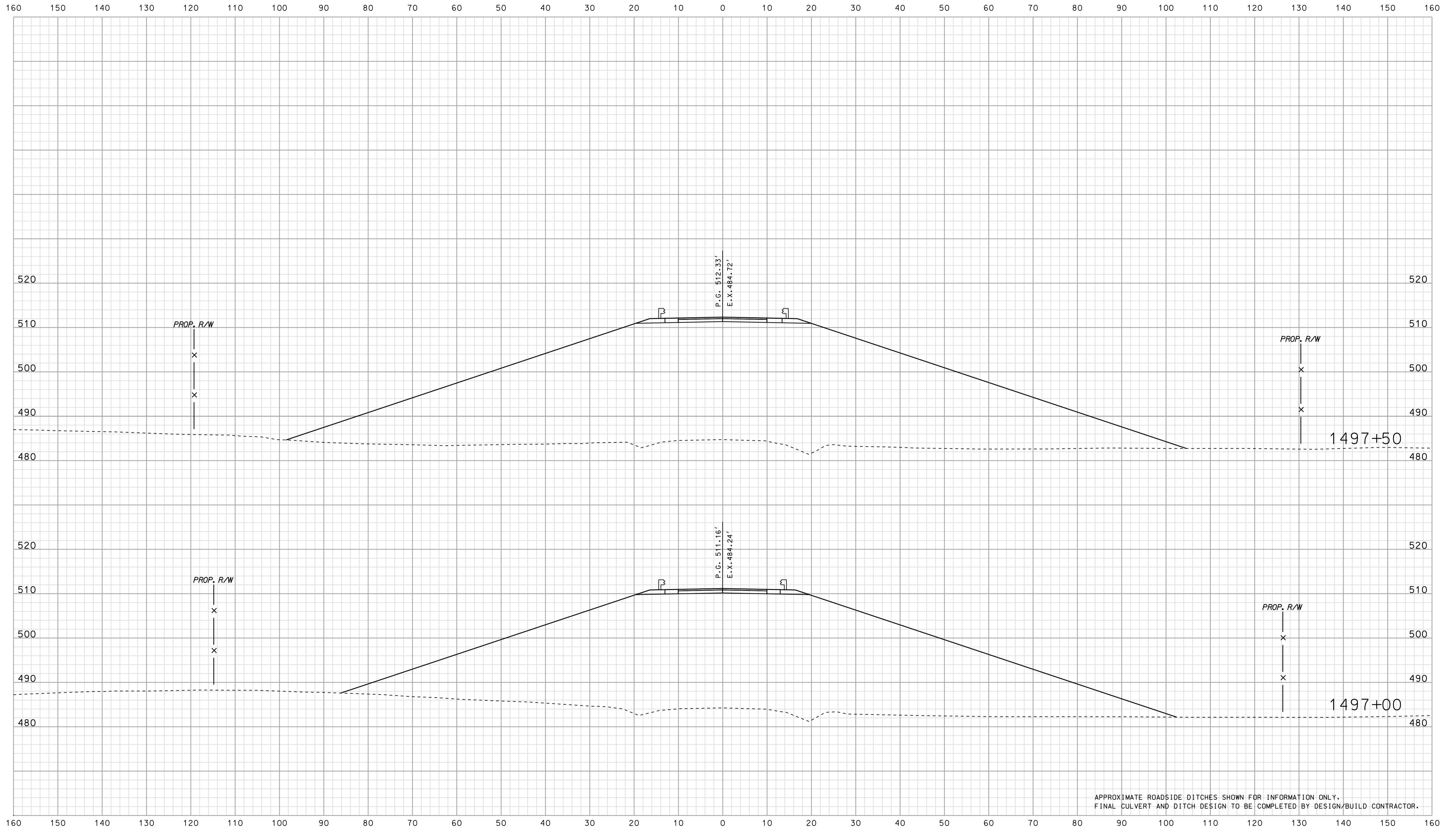


APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

07-11
 *****SPECIFICATION*****

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

	RECOMMENDED FOR APPROVAL		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 10'		BRIDGE FILE		
	DESIGN ENGINEER _____ DATE _____				VERTICAL SCALE 1" = 10'		DESIGNATION 0902176		
DESIGNED: BJO	DRAWN: DH	ROADWAY CROSS SECTIONS LINE "PR-CR 1500 N"		SURVEY BOOK		DWG. NO. XS-78		SHEET NO. 132 of 150	
CHECKED: NOH	CHECKED: DMA			CONTRACT IR-33051		PROJECT		0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

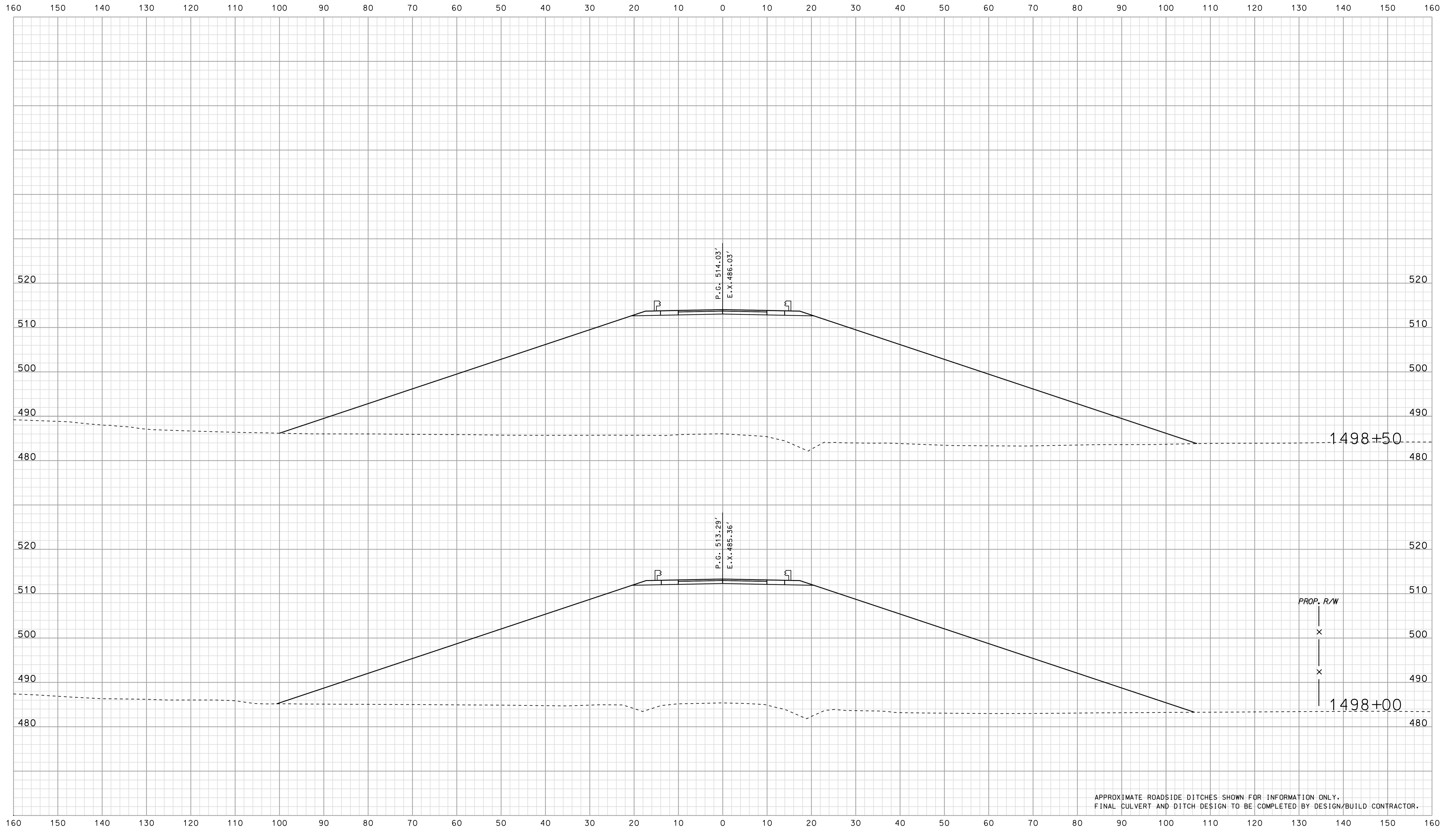
*****SPECIFICATION*****
 07/11

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "PR-CR 1500 N"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT IR-33051	XS-79	133 of 150
	PROJECT	0902176



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

 07/11

 SPECIFICATION *****

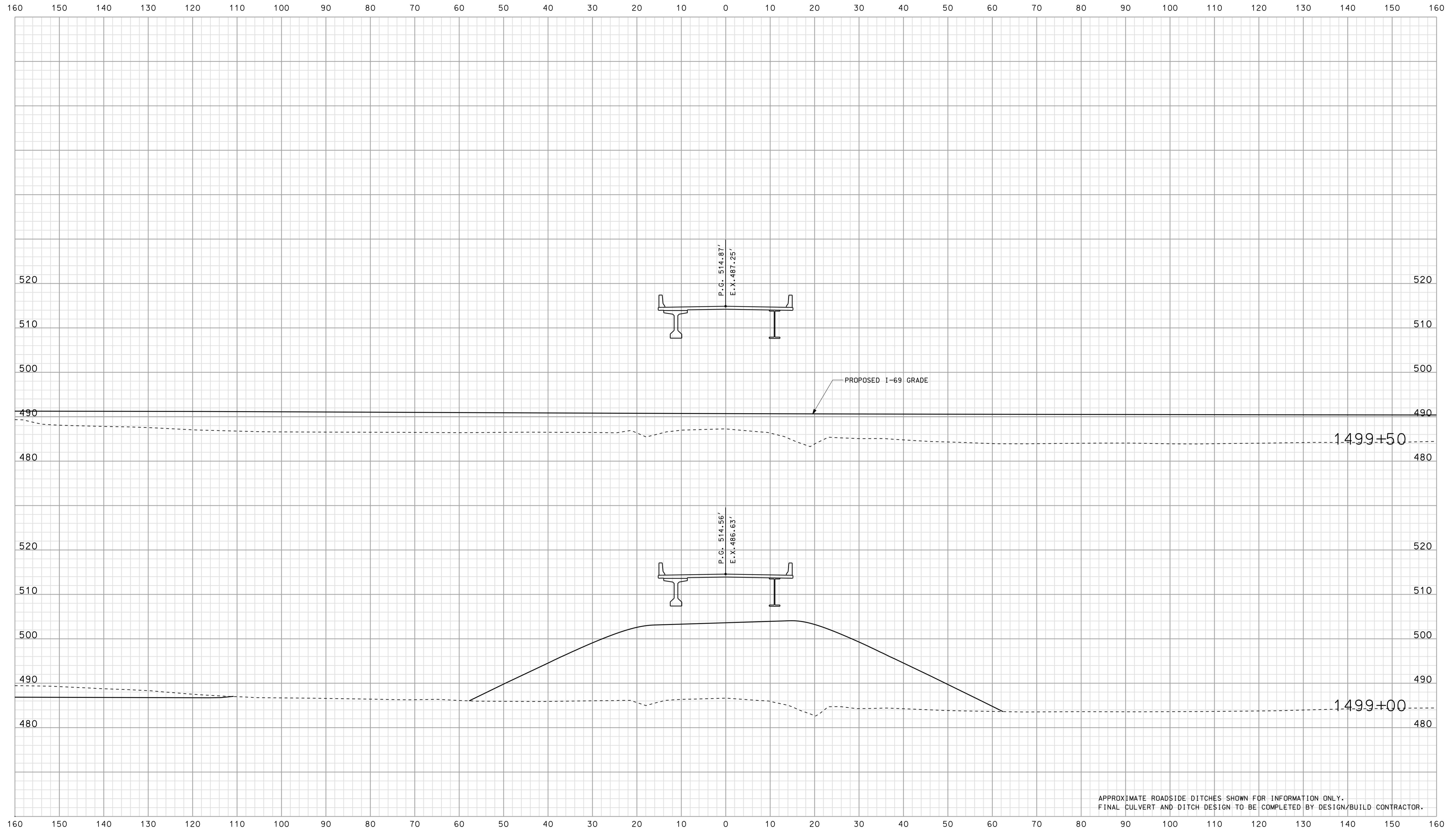
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "PR-CR 1500 N"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-80	SHEET NO. 134 of 150
CONTRACT IR-33051	PROJECT 0902176	

Scale 1 inch = 10 feet



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

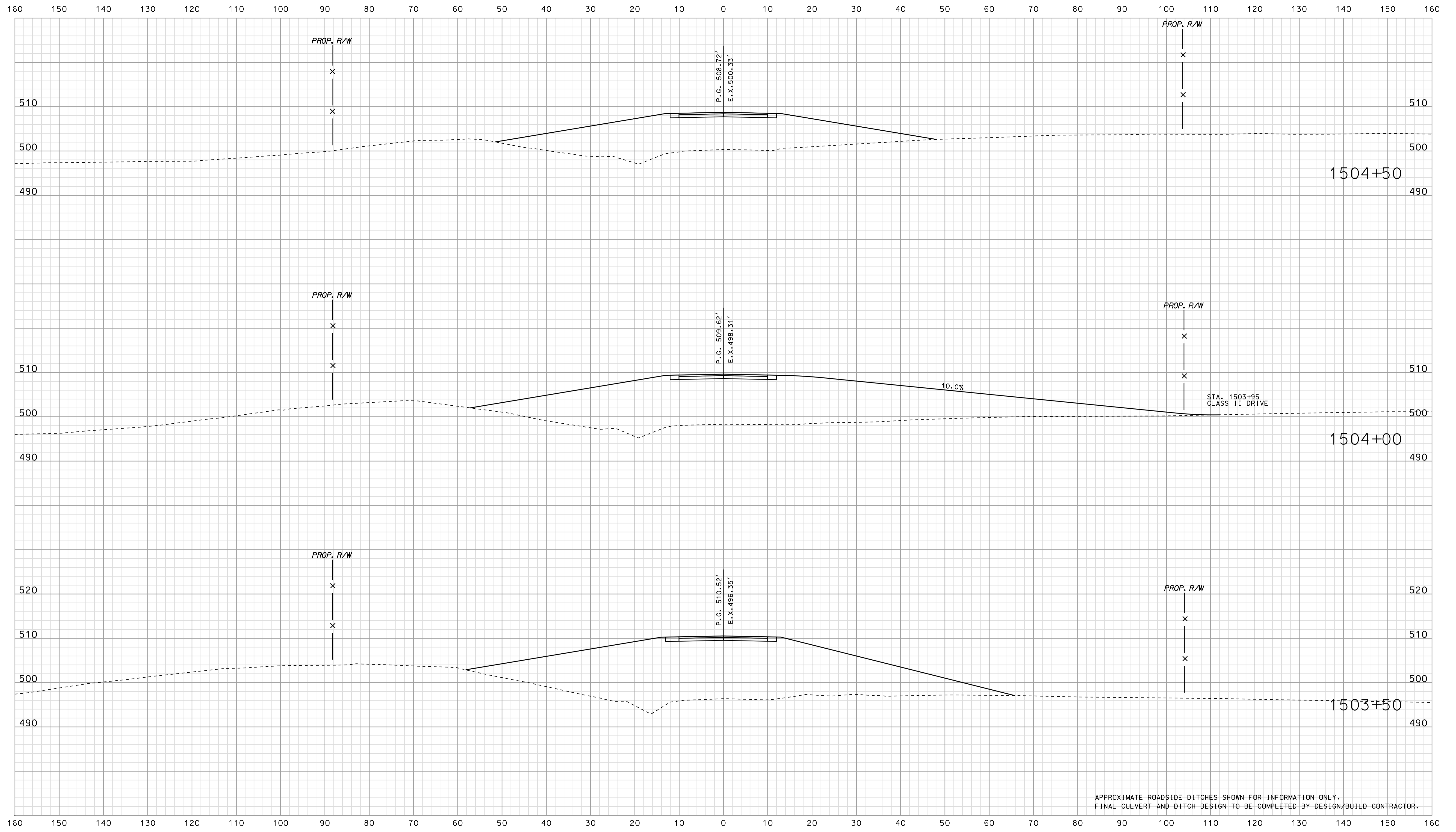
*****SPECIFICATION*****
 *****07-UP*****

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE
DESIGNED: BJO	DRAWN: DH			
CHECKED: NDH	CHECKED: DMA			

INDIANA
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS
LINE "PR-CR 1500 N"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-81	SHEET NO. 135 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

 07-UP

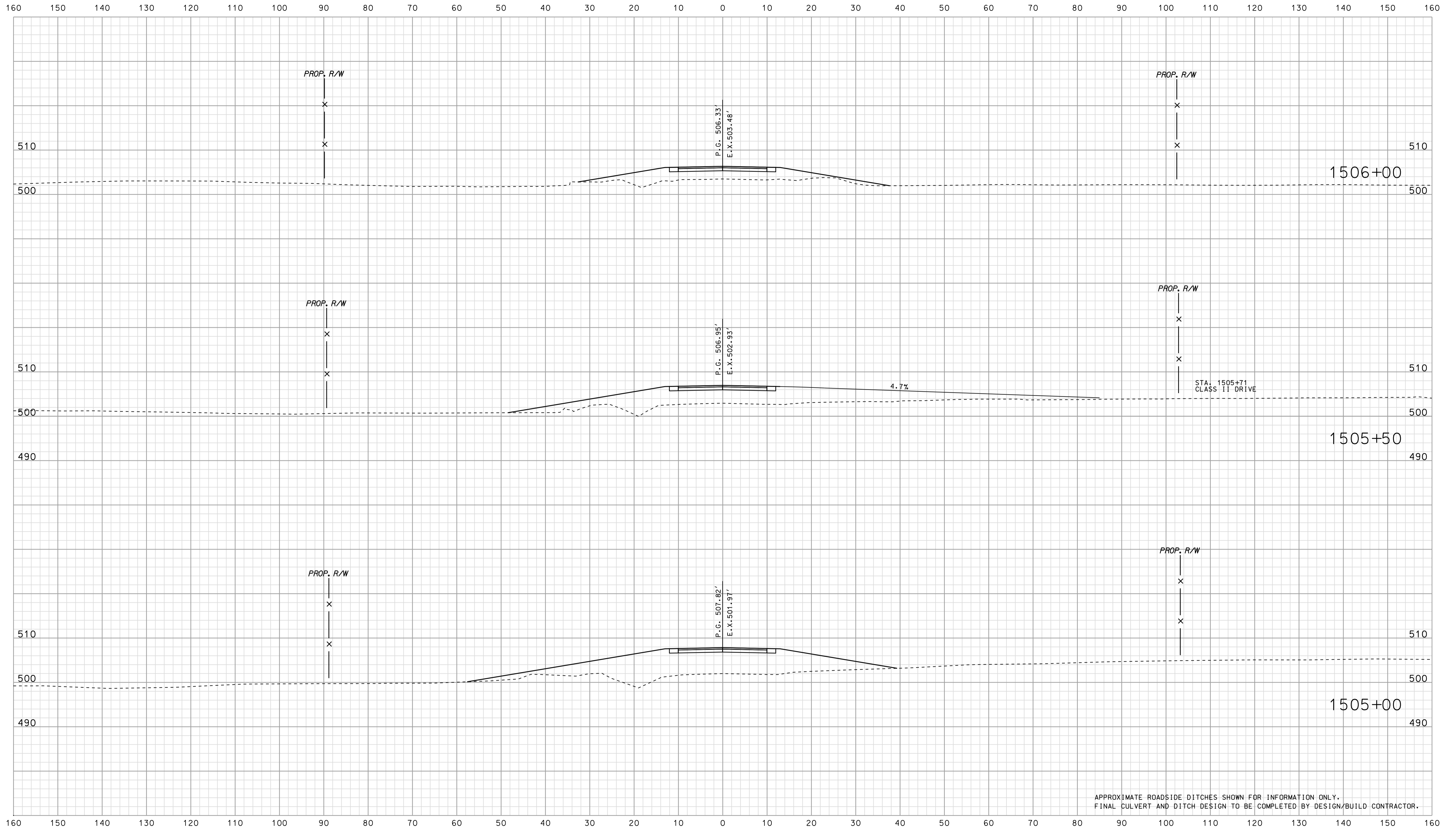
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "PR-CR 1500 N"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-85	SHEET NO. 139 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

 07-UP

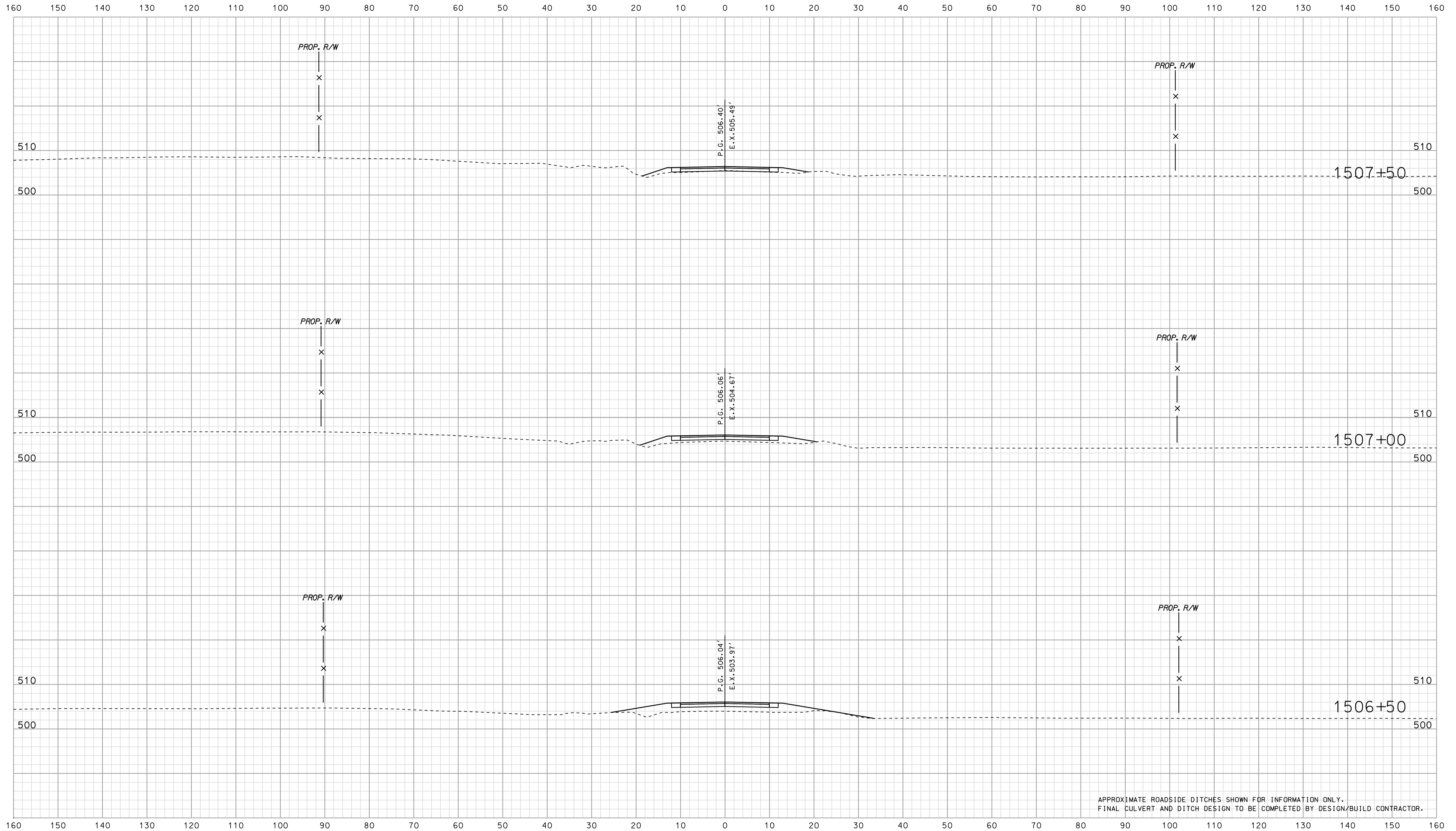
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "PR-CR 1500 N"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-86	SHEET NO. 140 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

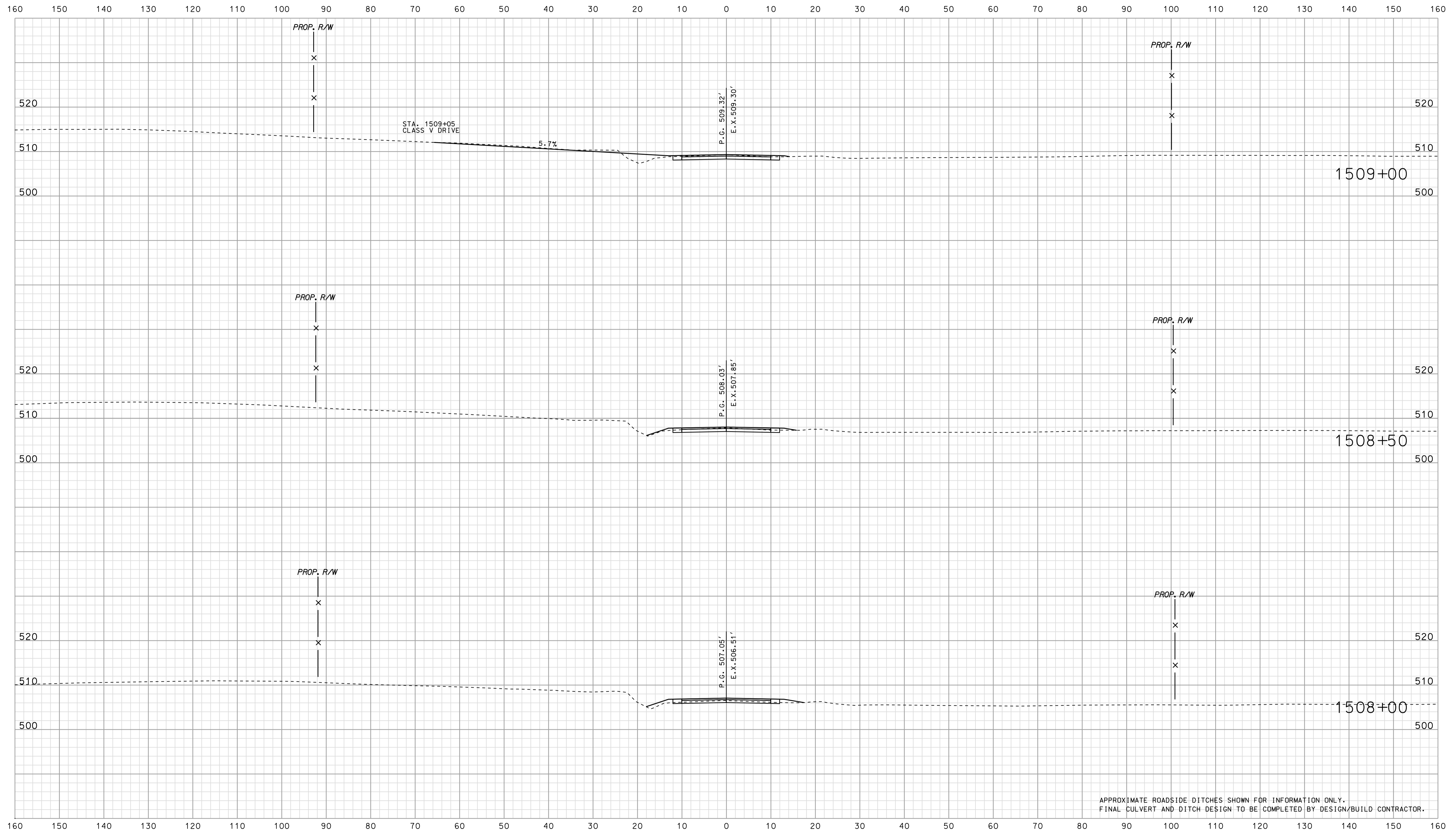
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "PR-CR 1500 N"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-87	SHEET NO. 141 of 150
CONTRACT IR-33051	PROJECT 0902176	



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

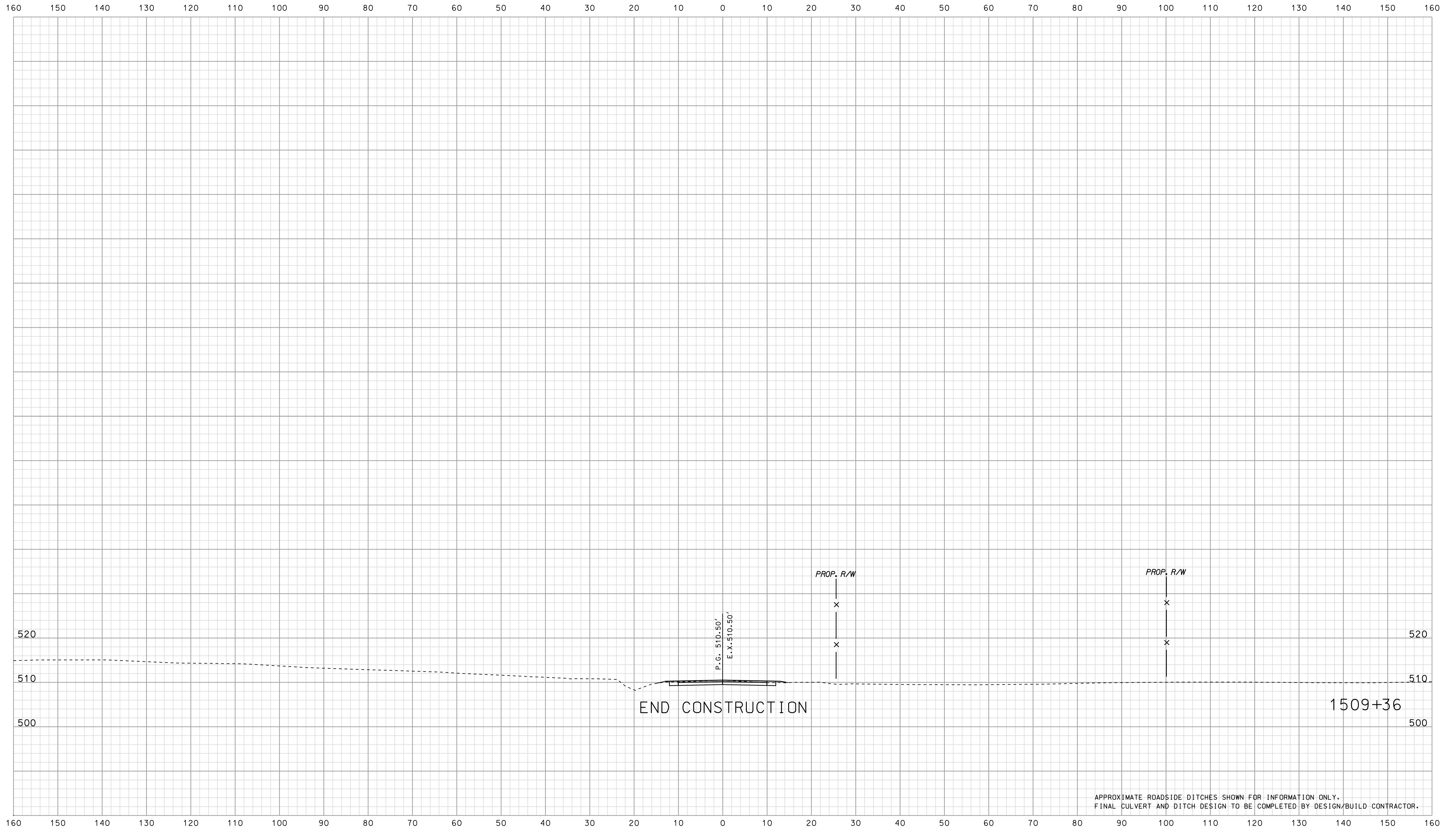
*****07-13*****
 *****CONSTRUCTION*****

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION
 ROADWAY CROSS SECTIONS
 LINE "PR-CR 1500 N"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-88	SHEET NO. 142 of 150
CONTRACT IR-33051	PROJECT 0902176	

Scale 1 inch = 10 feet



APPROXIMATE ROADSIDE DITCHES SHOWN FOR INFORMATION ONLY.
FINAL CULVERT AND DITCH DESIGN TO BE COMPLETED BY DESIGN/BUILD CONTRACTOR.

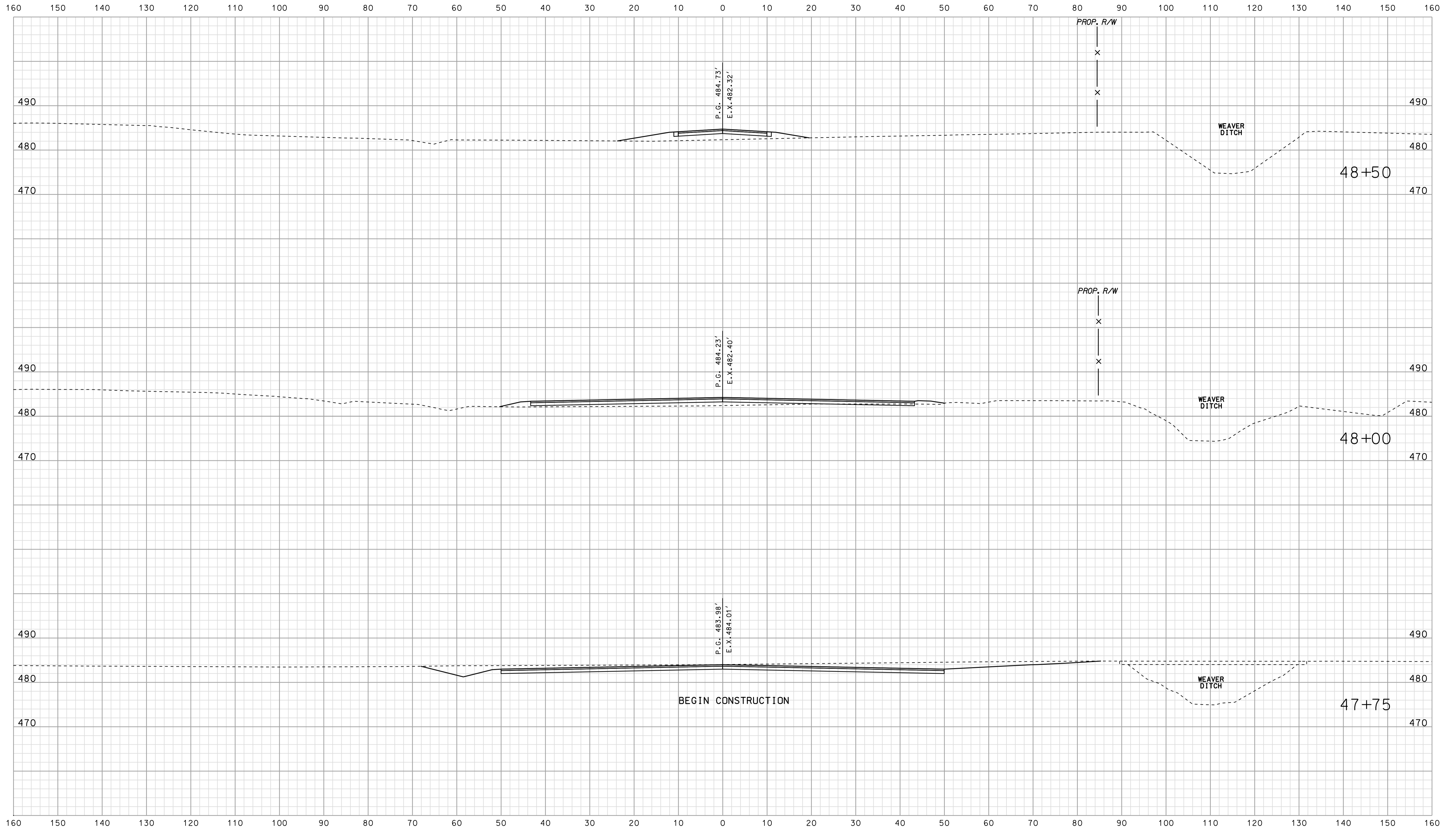
07-13
*****SPECIFICATION*****

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	BJO	DRAWN:	DH		
CHECKED:	NOH	CHECKED:	DMA		

INDIANA
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS
LINE "PR-CR 1500 N"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 10'		
VERTICAL SCALE	DESIGNATION	
1" = 10'	0902176	
SURVEY BOOK	DWG. NO.	SHEET NO.
CONTRACT	XS-89	143 of 150
IR-33051	PROJECT	0902176



 07-13

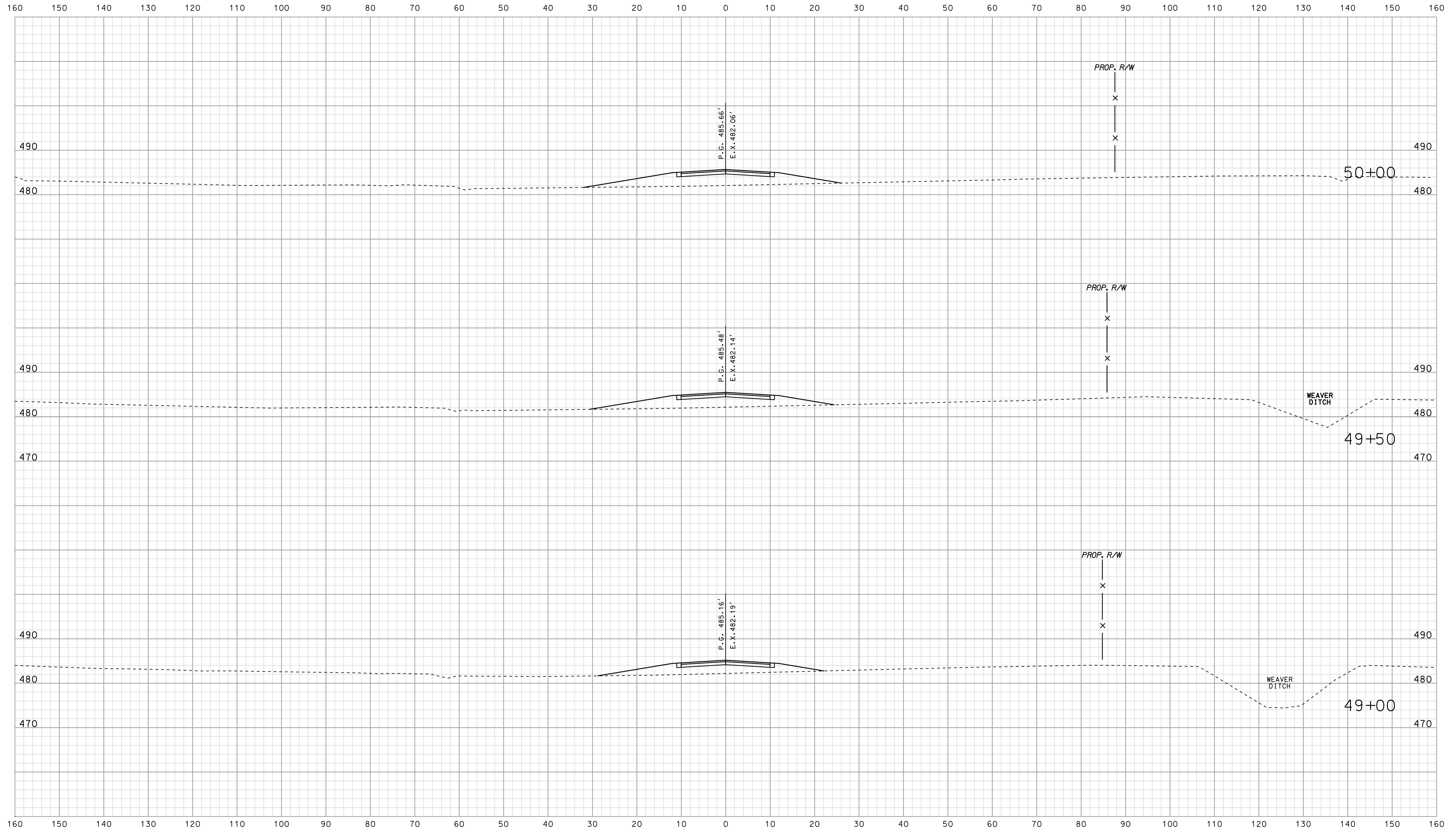
 SPECIFICATION *****

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "PR-AR 17"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-90	SHEET NO. 144 of 150
CONTRACT IR-33051	PROJECT 0902176	



 07-13

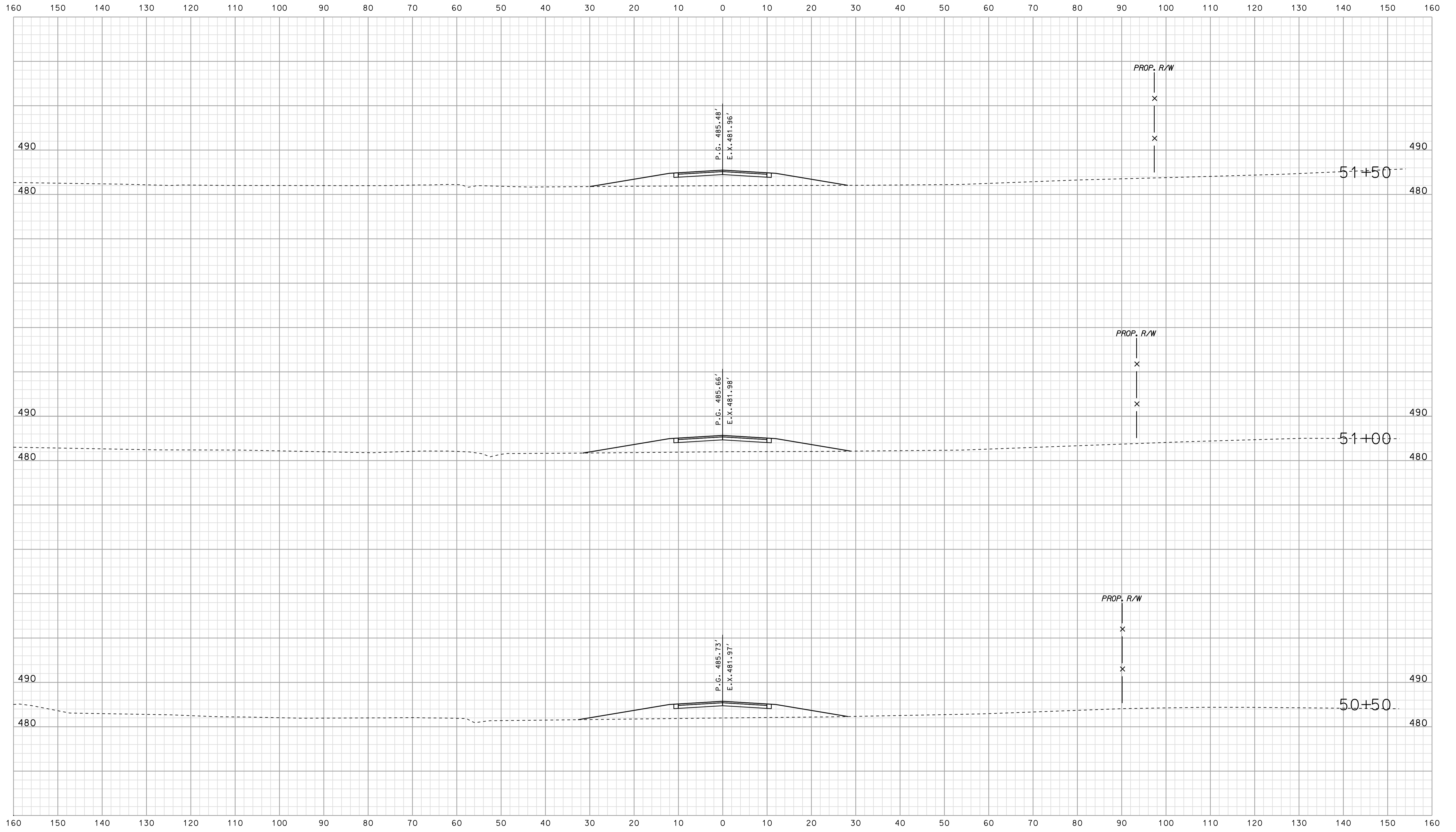
 SPECIFICATION *****

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: BJO	DRAWN: DH		
CHECKED: NDH	CHECKED: DMA		

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "PR-AR 17"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-91	SHEET NO. 145 of 150
CONTRACT IR-33051	PROJECT 0902176	



 07/14

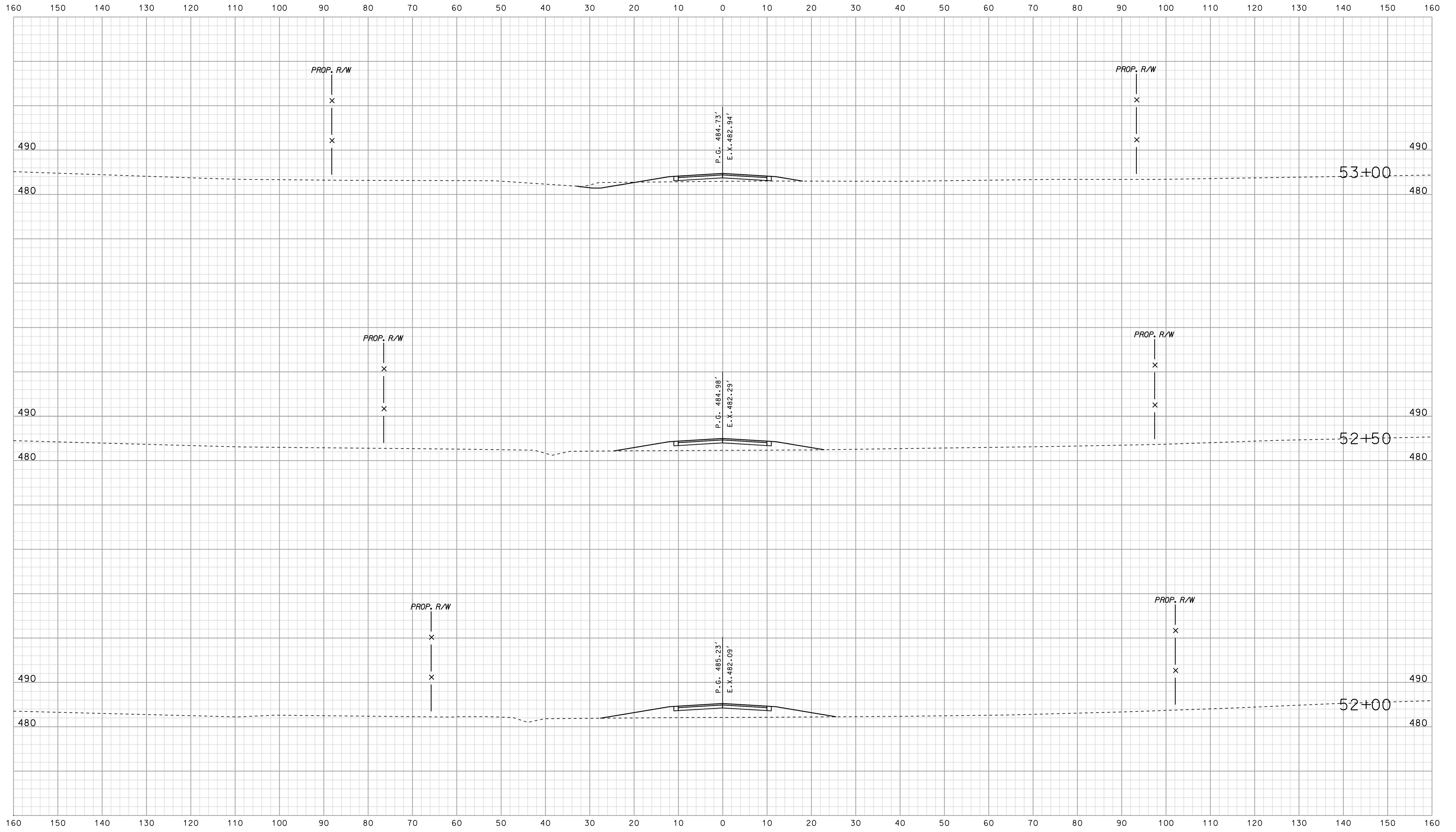
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

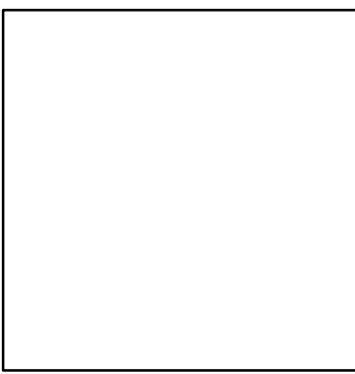
INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "PR-AR 17"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-92	SHEET NO. 146 of 150
CONTRACT IR-33051	PROJECT 0902176	



*****07/14 *****
 *****SPECIFICATION*****

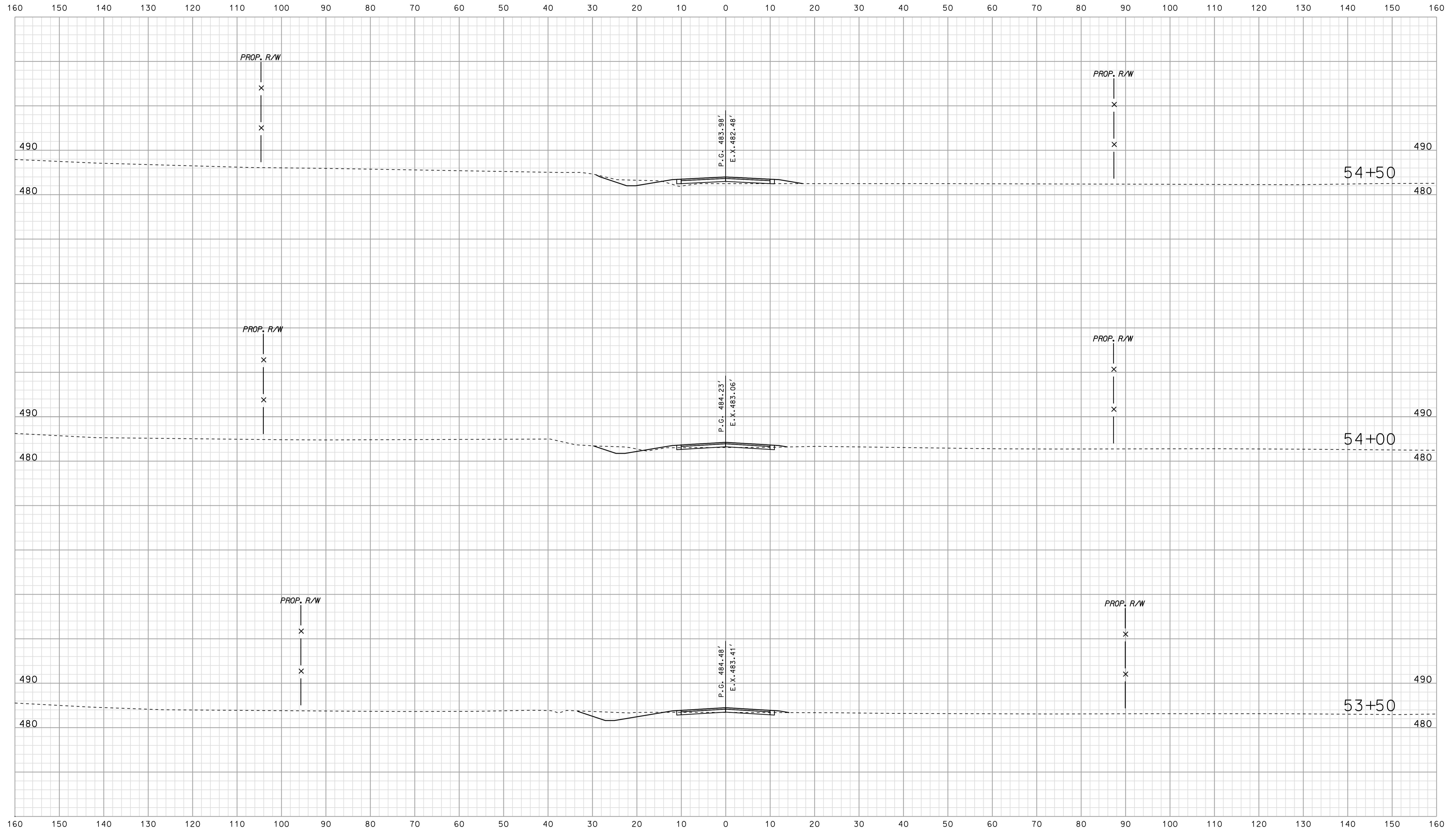


RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "PR-AR 17"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-93	SHEET NO. 147 of 150
CONTRACT IR-33051	PROJECT 0902176	



 07/14

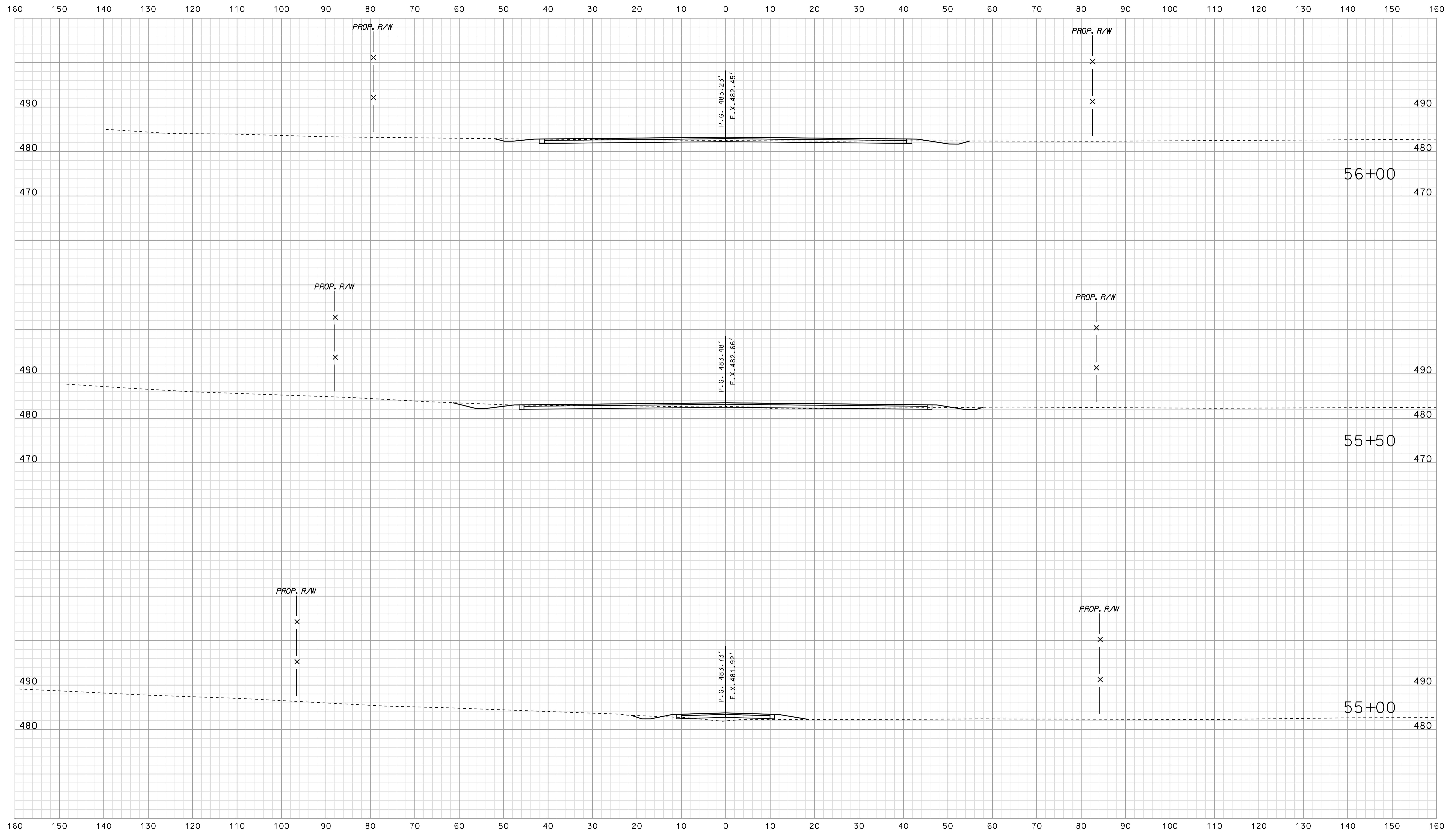
 SPECIFICATION *****

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: BJO	DRAWN: DH				
CHECKED: NDH	CHECKED: DMA				

INDIANA
 DEPARTMENT OF TRANSPORTATION

 ROADWAY CROSS SECTIONS
 LINE "PR-AR 17"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-94	SHEET NO. 148 of 150
CONTRACT IR-33051	PROJECT 0902176	



*****07/14 *****
 *****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 17"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE	
VERTICAL SCALE 1" = 10'	DESIGNATION 0902176	
SURVEY BOOK	DWG. NO. XS-95	SHEET NO. 149 of 150
CONTRACT IR-33051	PROJECT 0902176	

