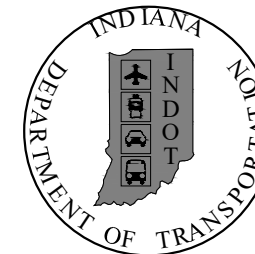


PROJECT	DESIGNATION
1700091	1700091
CONTRACT	BRIDGE FILE
R-40742	N/A

INDIANA DEPARTMENT OF TRANSPORTATION



ROAD PLANS

U.S. ROUTE 231 - ADDED AUXILIARY LANES (ACCEL AND TURN LANES)

PROJECT NO. 1700091 P.E.
 PROJECT NO. 1700091 R/W
 PROJECT NO. 1700091 CONST.

Added Travel Lanes Along U.S. Route 231, Located 0.27 Miles North of the I-70 Junction, RP 141+69 to 1.05 Miles North of the I-70 Junction, RP 142+47, in Sections 24 & 25, Township 13 North, Range 4 West, in Warren Township, Putnam County, Indiana.

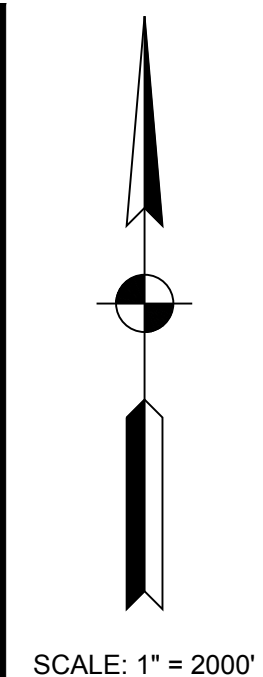
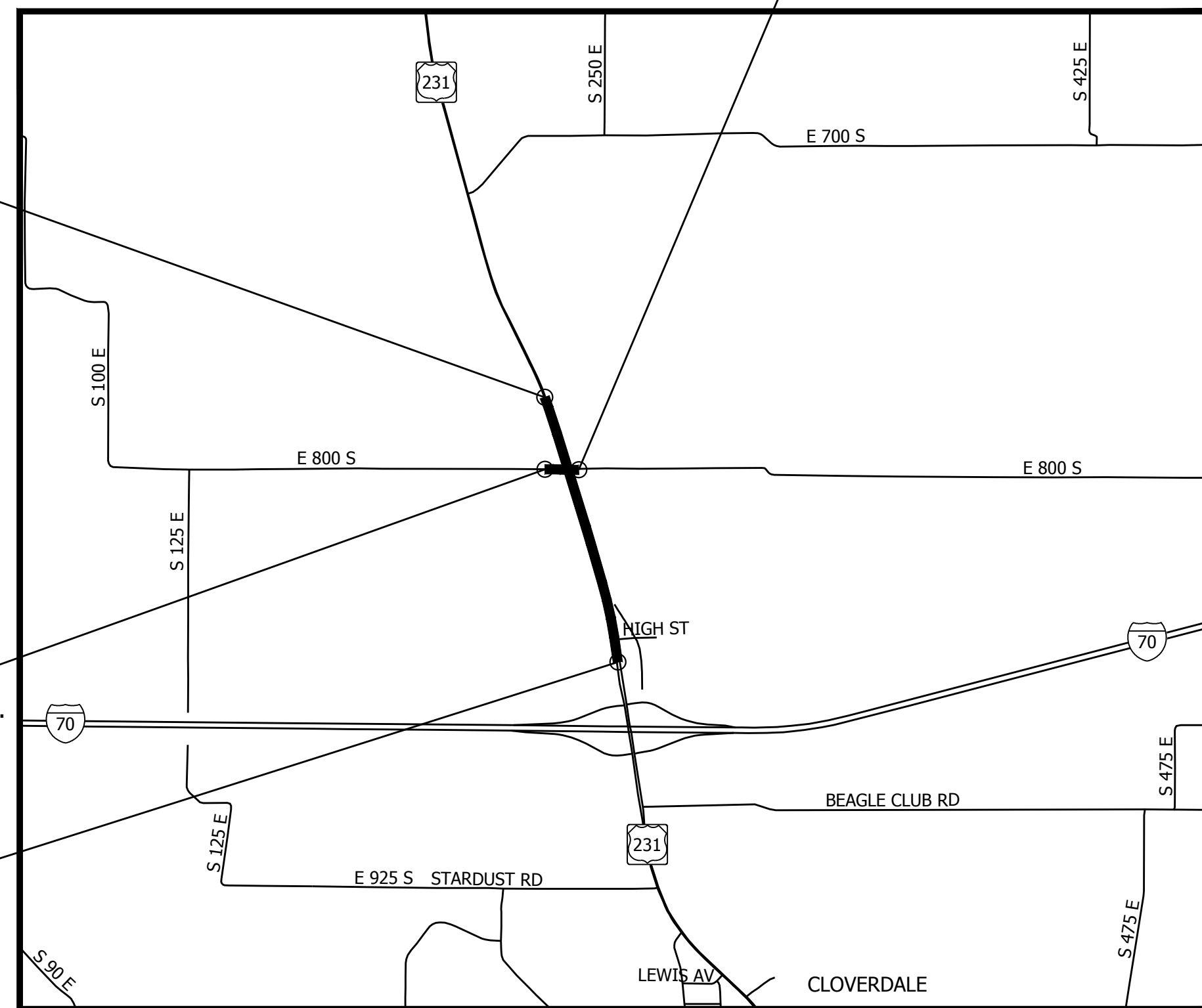
Gross Length: 0.78 MI.
 Net Length: 0.78 MI.
 Maximum Grade: 4.07 %

END CONSTRUCTION
 P.O.T. 50+35.00 "PR-S-5-C"
 P.O.T. 50+34.77 "S-5-C"

END PROJECT
 P.O.T. 563+50.00 "PR-C"
 O.P.O.C. 563+69.02 "C", 26.48' Lt.

BEGIN CONSTRUCTION
 P.O.T. 44+50.00 "PR-S-5-C"
 O.P.O.T. 44+50.00 "S-5-C", 11.71' Lt.

BEGIN PROJECT
 P.C. 522+42.19 "PR-C"
 O.P.O.C. 522+42.19 "C", 0.09' Rt.



LOCATION MAP
 PUTNAM COUNTY, INDIANA

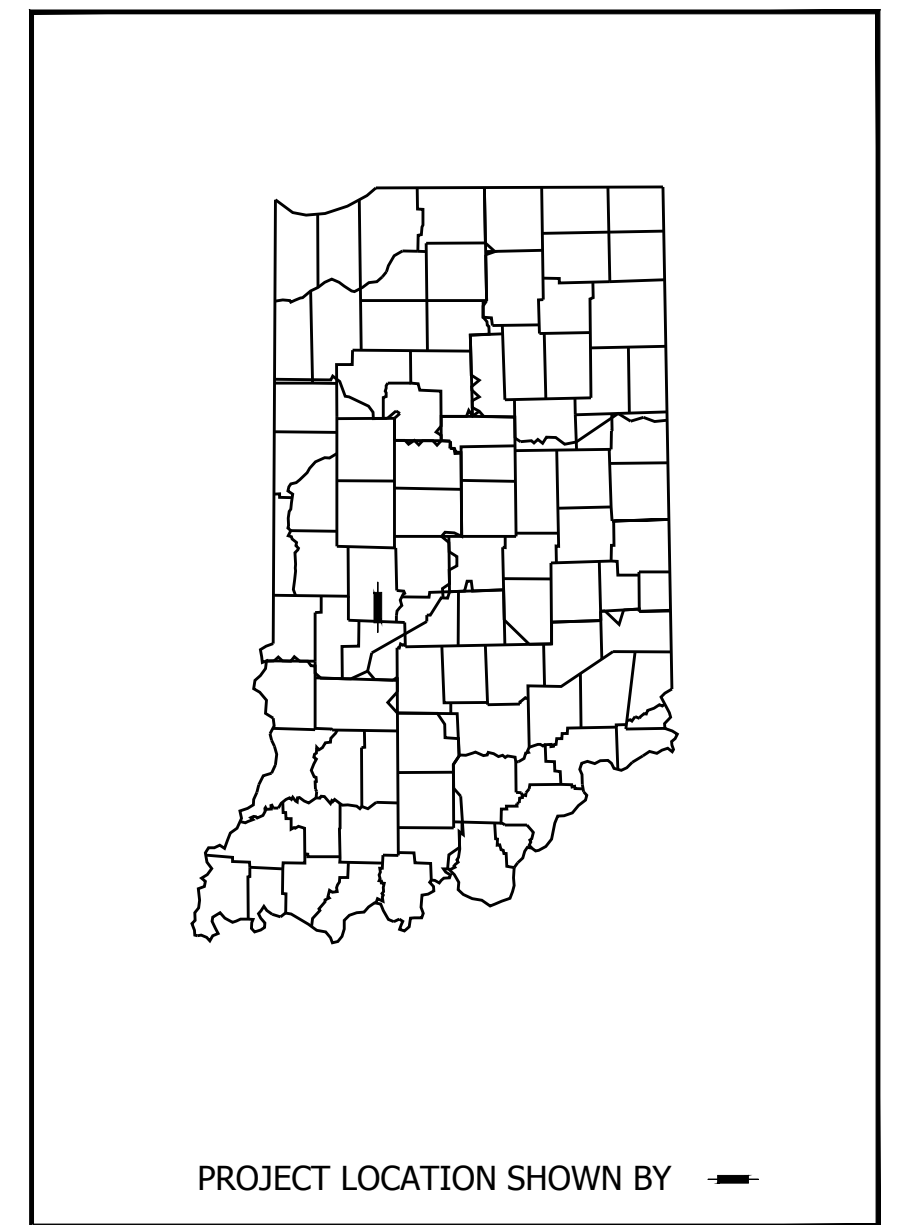
TRAFFIC DATA		U.S. 231	
A.A.D.T.	(2021)	12,129	V.P.D.
A.A.D.T.	(2041)	13,246	V.P.D.
D.H.V	(2041)	50.01	V.P.H.
DIRECTIONAL DISTRIBUTION		50.01	%
TRUCKS		12.94	% A.A.D.T.
		9.89	% D.H.V.

DESIGN DATA (BEGIN PROJECT TO CR 800)	
DESIGN SPEED	45 M.P.H.
PROJECT DESIGN CRITERIA	RECONSTRUCTION (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL
RURAL/URBAN	URBAN/SUBURBAN
TERRAIN	LEVEL
ACCESS CONTROL	NONE

DESIGN DATA (CR 800 TO END PROJECT)	
DESIGN SPEED	55 M.P.H.
PROJECT DESIGN CRITERIA	RECONSTRUCTION (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL
RURAL/URBAN	URBAN/SUBURBAN
TERRAIN	LEVEL
ACCESS CONTROL	NONE

TRAFFIC DATA		C.R. 800	
A.A.D.T.	(2021)	1001	V.P.D.
A.A.D.T.	(2041)	1035	V.P.D.
D.H.V	(2041)	104	V.P.H.
DIRECTIONAL DISTRIBUTION		64.33	%
TRUCKS		10.00	% A.A.D.T.
		-	% D.H.V.

DESIGN DATA	
DESIGN SPEED	30 M.P.H.
PROJECT DESIGN CRITERIA	RECONSTRUCTION (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	LOCAL ROAD
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE



BEGIN: LATITUDE: 39° 32' 12" N LONGITUDE: 86° 48' 13" W
 END: LATITUDE: 39° 32' 51" N LONGITUDE: 86° 48' 27" W

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

PRINT DATE: 11/25/20 PLOT SCALE: 1:1,002 EDIT DATE: 7/12/21 10:45 AM DRAWING FILE: P:\19-500-057-1 US 231 ATLVACAD\01 TITLE\RD-TITLE-US231.DWG

RQAW
 INTENTIONAL INNOVATION

8770 NORTH ST., STE. 110
 FISHERS, IN 46038
 P: 317.588.1798
 F: 317.588.1799
 WWW.RQAW.COM

PLANS PREPARED BY:	RQAW Corporation	317-588-1798
		PHONE NUMBER
CERTIFIED BY:		DATE
APPROVED FOR LETTING:		DATE
INDIANA DEPARTMENT OF TRANSPORTATION		

DESIGNATION	
1700091	
SURVEY BOOK	SHEET
	1 of 84
CONTRACT	PROJECT
R-40742	1700091

UTILITIES

UTILITY	OWNER	ADDRESS
ELECTRIC	DUKE ENERGY	100 S. MILL CREEK RD. NOBLESVILLE, IN 46062 CONTACT: CINDY ROWLAND EMAIL: cindy.rowland@duke-energy.com PHONE: 317-776-5341
ELECTRIC	HENDRICKS POWER	P.O. BOX 309 DANVILLE, IN 46122 CONTACT: JASON STEWART EMAIL: jstewart@hendrickspower.com PHONE: 317-745-5473
CABLE TV & COMMUNICATION	COMCAST CABLE COMMUNICATIONS	1600 W. FOUNTAIN DR. CONTACT: GREG WHITE BLOOMINGTON, IN 47404 EMAIL: Greg_White@cable.comcast.com PHONE: 317-516-2358
COMMUNICATION	ENDEAVOR COMMUNICATIONS	2 S. WEST ST. P.O. BOX 237 CLOVERDALE, IN 46120 CONTACT: JASON LOTZ EMAIL: jlotz@weendeavor.com PHONE: 765-795-5554
COMMUNICATION & TELEPHONE	FRONTIER COMMUNICATIONS	9209 CASTLEGATE DR. INDIANAPOLIS, IN 46256 CONTACT: JOE SARLL EMAIL: joseph.a.sarll@ftr.com@ftr.com PHONE: 260-461-3324
GAS DISTRIBUTION	VECTREN	16000 ALLISONVILLE RD. NOBLESVILLE, IN 46061 CONTACT: TYLER ENGLE EMAIL: Tyler.Engle@centerpointenergy.com PHONE: 812-231-6310
GAS TRANSMISSION	VECTREN	16000 ALLISONVILLE RD. NOBLESVILLE, IN 46061 CONTACT: JEFF DONNELLY EMAIL: Jeff.Donnelly@centerpointenergy.com PHONE: 812-491-5558
ELECTRIC, SANITARY SEWER, AND WATER	THE TOWN OF CLOVERDALE	154 S. MAIN ST. CLOVERDALE, IN 46120 CONTACT: WAYNE GALLOWAY EMAIL: manager@cloverdalein.com PHONE: 765-795-3588
COMMUNICATION	ZAYO BANDWIDTH	9209 CASTLEGATE DR. INDIANAPOLIS, IN 46256 CONTACT: WAYLON HIGGINS EMAIL: waylon.higgins@zayo.com PHONE: 765-341-1199
COMMUNICATION	WINDSTREAM	5020 SMYTHE DR. EVANSVILLE, IN 47715 CONTACT: DANIEL LESKINEN EMAIL: Daniel.Leskinen@windstream.com PHONE: 812-759-2833

GENERAL NOTES

**	This set of Plans shall not be construed to be a property retracement survey. Where apparent property lines, corners, subdivision or section corner information are shown, they are based on physical evidence or testimony.
**	These plans show the location of the utilities as existing in the field by the respective utility companies; therefore, the firm of RQAW Corporation does not accept any responsibility for the accuracy of this information.
**	In accordance with Indiana Code 8-1, Chapter 26, the Contractor shall notify the Indiana Underground Plant Protection Service at 1-800-382-5544 at least two (2) full working days prior to any excavation or demolition.

** REPRESENTS GENERAL NOTES REQUIRED

REVISIONS

SHEET NO.	DATE	REVISED

INDEX

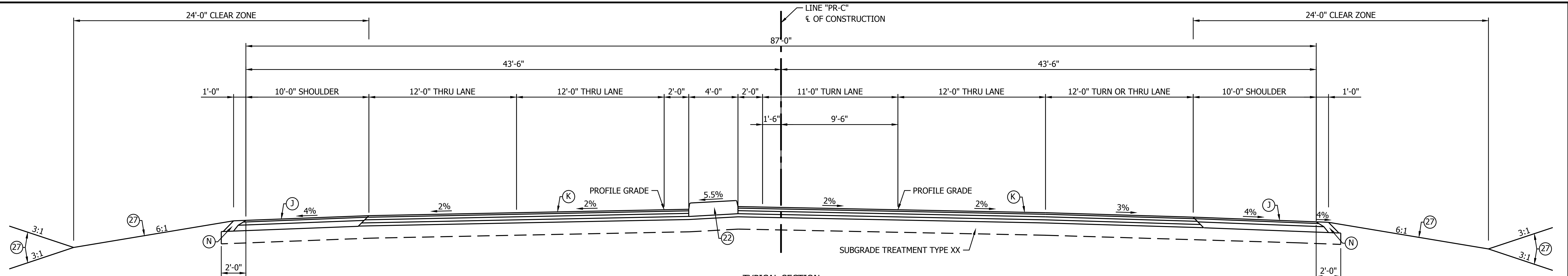
SHEET NO.	DESIGNATION
1	TITLE SHEET
2	INDEX SHEET
3 - 5	TYPICAL CROSS SECTIONS
6	PLAT NO. 1
7 - 23	MAINTENANCE OF TRAFFIC
24 - 31	PLAN AND PROFILE
32 - 41	CONSTRUCTION DETAILS
42	SUPERELEVATION DIAGRAM
43	APPROACH TABLE
44	STRUCTURE DATA TABLE
45 - 84	CROSS SECTIONS

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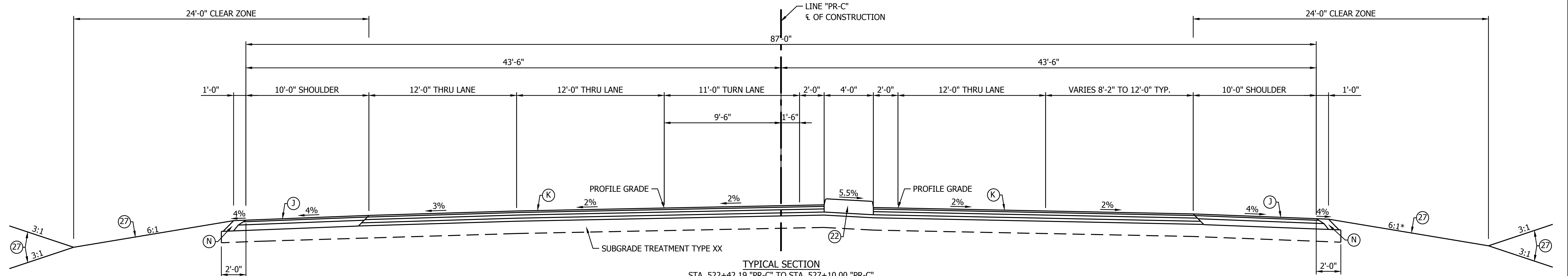


CALL 811 OR 1-800-382-5544
24 HOURS A DAY,
SEVEN DAYS A WEEK

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE N/A	BRIDGE FILE N/A
DESIGNED: LLC	DRAWN: MSS	INDEX SHEET	VERTICAL SCALE N/A	DESIGNATION 1700091
CHECKED: RDS	CHECKED: LLC		SURVEY BOOK	SHEET 2 of 84
			CONTRACT R-40742	PROJECT 1700091

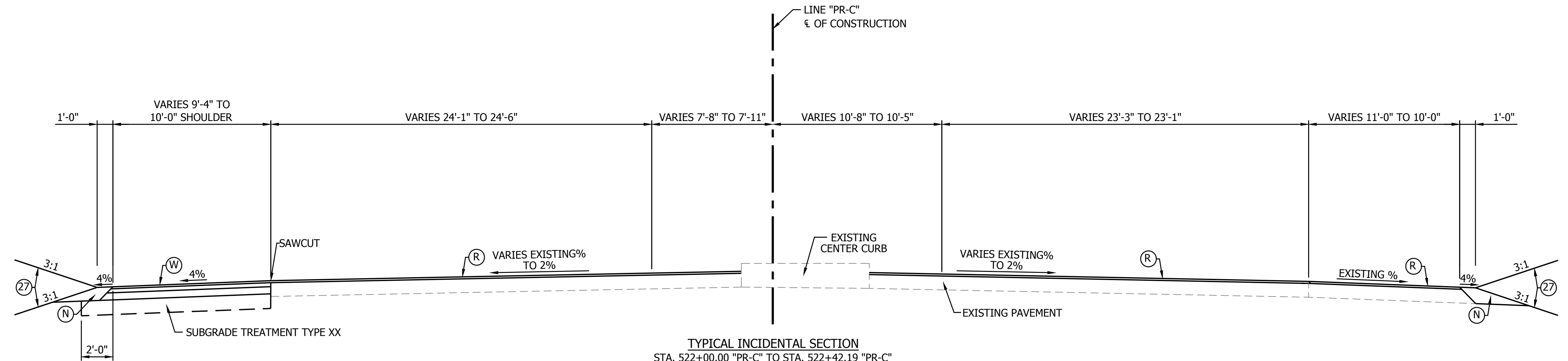


TYPICAL SECTION
 STA. 528+78.00 "PR-C" TO STA. 532+18.00 "PR-C"
 STA. 544+08.90 "PR-C" TO STA. 550+88.90 "PR-C"



TYPICAL SECTION
 STA. 527+10.00 "PR-C" TO STA. 528+78.00 "PR-C" (TAPER FROM CENTER CURB RT. TO CENTER CURB LT.)
 STA. 552+03.51 "PR-C" TO STA. 557+58.51 "PR-C"

*8:1 FROM STA. 552+03.51 "PR-C" TO STA. 557+58.51 "PR-C"



TYPICAL INCIDENTAL SECTION
 STA. 522+00.00 "PR-C" TO STA. 522+42.19 "PR-C"

LEGEND		
(K) HMA FULL DEPTH PAVEMENT 165 LB/SYS QC/QA HMA, 3, 70, SURFACE 9.5 MM, ON 275 LB/SYS QC/QA HMA, 3, 70, INTERMEDIATE 19 MM, ON 880 LB/STS QC/QA HMA, 3, 64, BASE, 19.0 MM ON 9 IN. OF COMPACTED AGGREGATE NO. 53 ON SUBGRADE TREATMENT, TYPE IBC (14" OF Chemical Soil Modification)	(J) HMA FOR SHOULDERS 165 LB/SYS HMA SURFACE 9.5 MM, ON 330 LB/SYS HMA INTERMEDIATE 19 MM, ON 5.5 IN. OF COMPACTED AGGREGATE NO. 53 BASE	(R) HMA RESURFACE MILLING ASPHALT, 1.5" 165 LB/SYD HMA, SURFACE 9.5 mm
(N) COMPACTED AGGREGATE, NO. 53	(W) WIDENING WITH HMA TYPE B (2' Minimum)	(22) CONCRETE CENTER CURB, TYPE D
		(27) MULCHED SEEDING, R

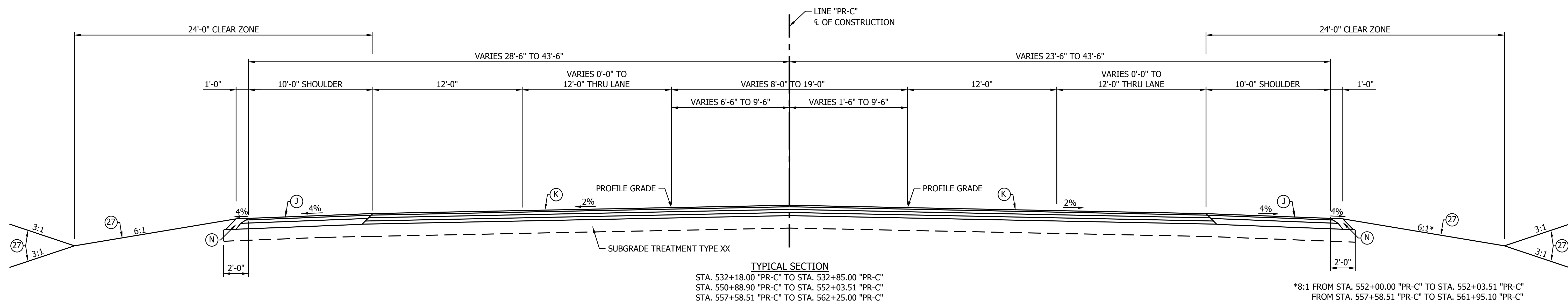
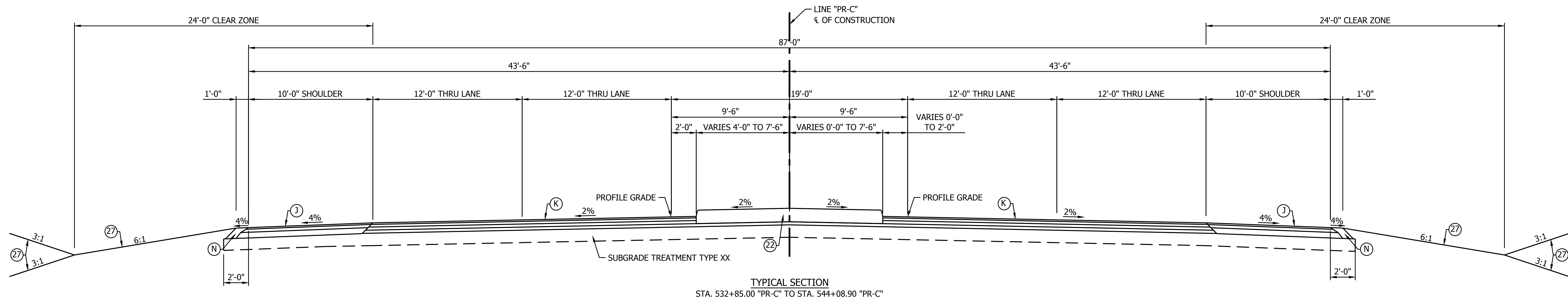
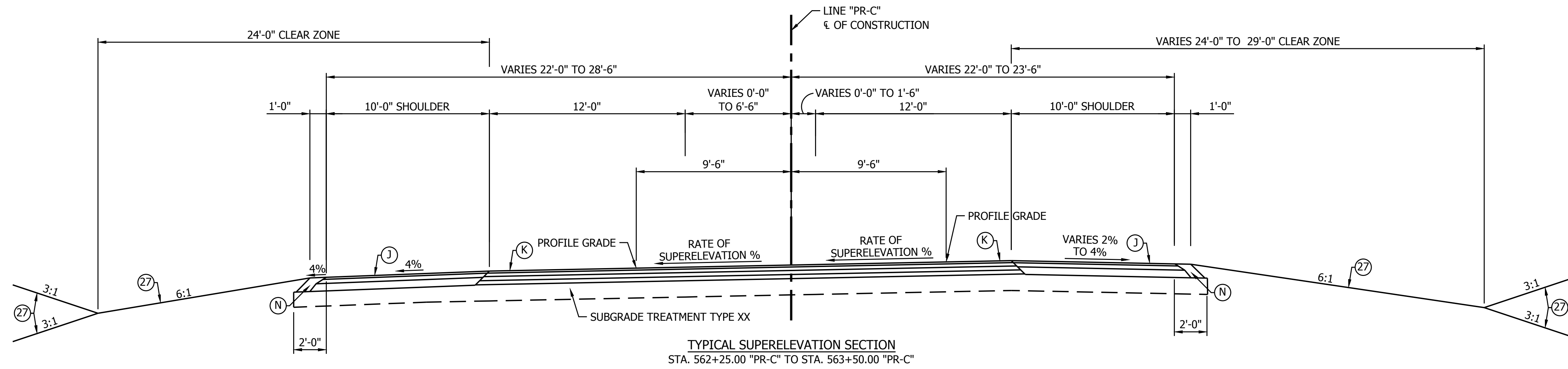
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DESIGNED: RDS	DRAWN: MSS	
CHECKED: LLC	CHECKED: LLC	

INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

HORIZONTAL SCALE 1/4" = 1'	BRIDGE FILE N/A
VERTICAL SCALE 1/4" = 1'	DESIGNATION 1700091
SURVEY BOOK N/A	SHEET 3 of 84
CONTRACT R-40742	PROJECT 1700091

PRINT DATE: 11/25/20 PLOT SCALE: 1:1.002 EDIT DATE: 7/12/11 10:57 AM EDITED BY: KUPSHAW DRAWING FILE: P:\19-500-057-1 US 231 ATILACAO\03 TYPICAL RD-TYPICALS-US231.DWG



LEGEND		
(K) HMA FULL DEPTH PAVEMENT 165 LB/SYS QC/QA HMA, 3, 70, SURFACE 9.5 MM, ON 275 LB/SYS QC/QA HMA, 3, 70, INTERMEDIATE 19 MM, ON 880 LB/STS QC/QA HMA, 3, 64, BASE, 19.0 MM ON 9 IN. OF COMPACTED AGGREGATE NO. 53 ON SUBGRADE TREATMENT, TYPE IBC (14" OF Chemical Soil Modification)	(J) HMA FOR SHOULDERS 165 LB/SYS HMA SURFACE 9.5 MM, ON 330 LB/SYS HMA INTERMEDIATE 19 MM, ON 5.5 IN. OF COMPACTED AGGREGATE NO. 53 BASE	(R) HMA RESURFACE MILLING ASPHALT, 1.5" 165 LB/SYD HMA, SURFACE 9.5 mm
(N) COMPACTED AGGREGATE, NO. 53	(W) WIDENING WITH HMA TYPE B (2' Minimum)	(22) CONCRETE CENTER CURB, TYPE D
		(27) MULCHED SEEDING, R

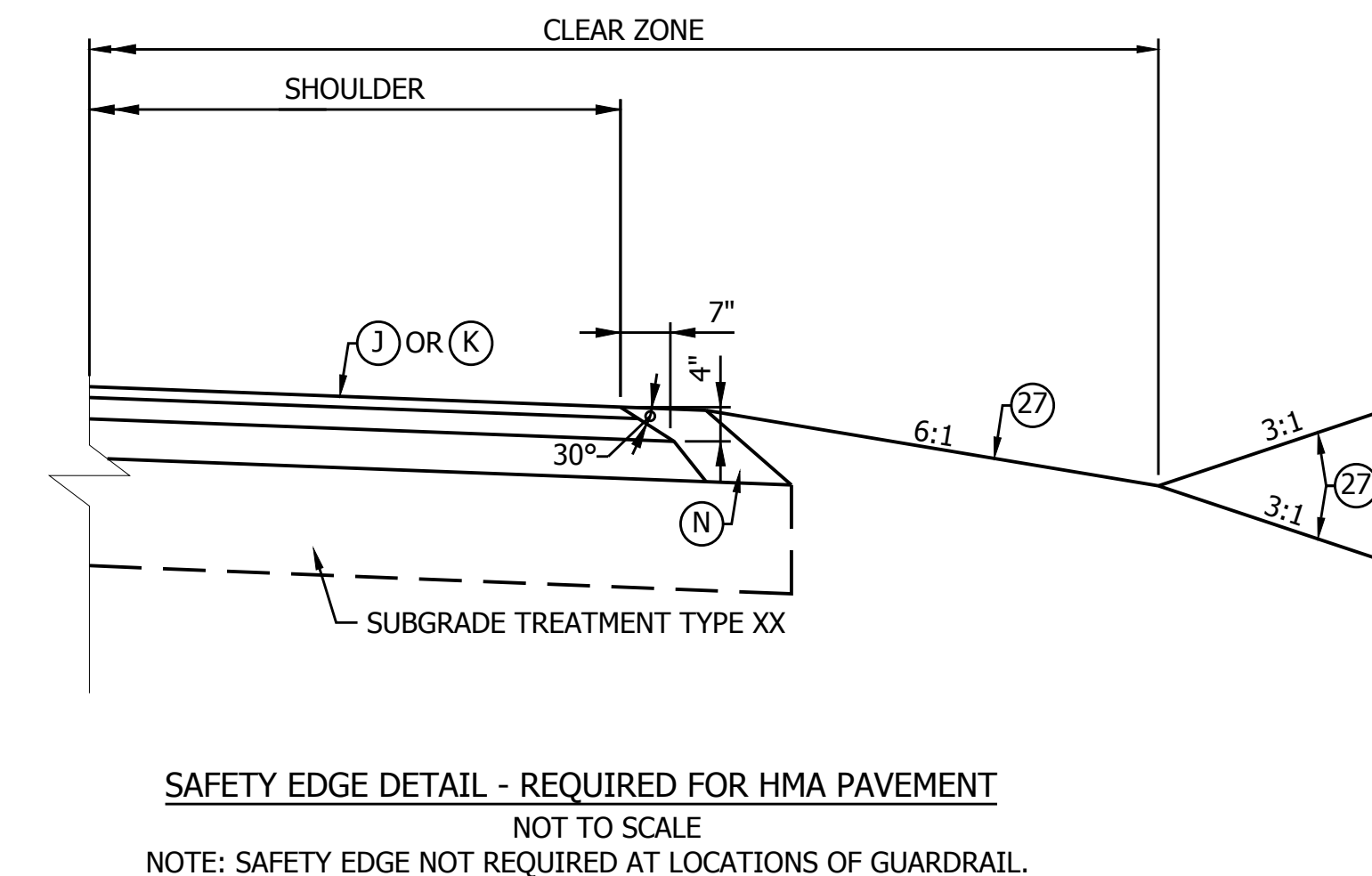
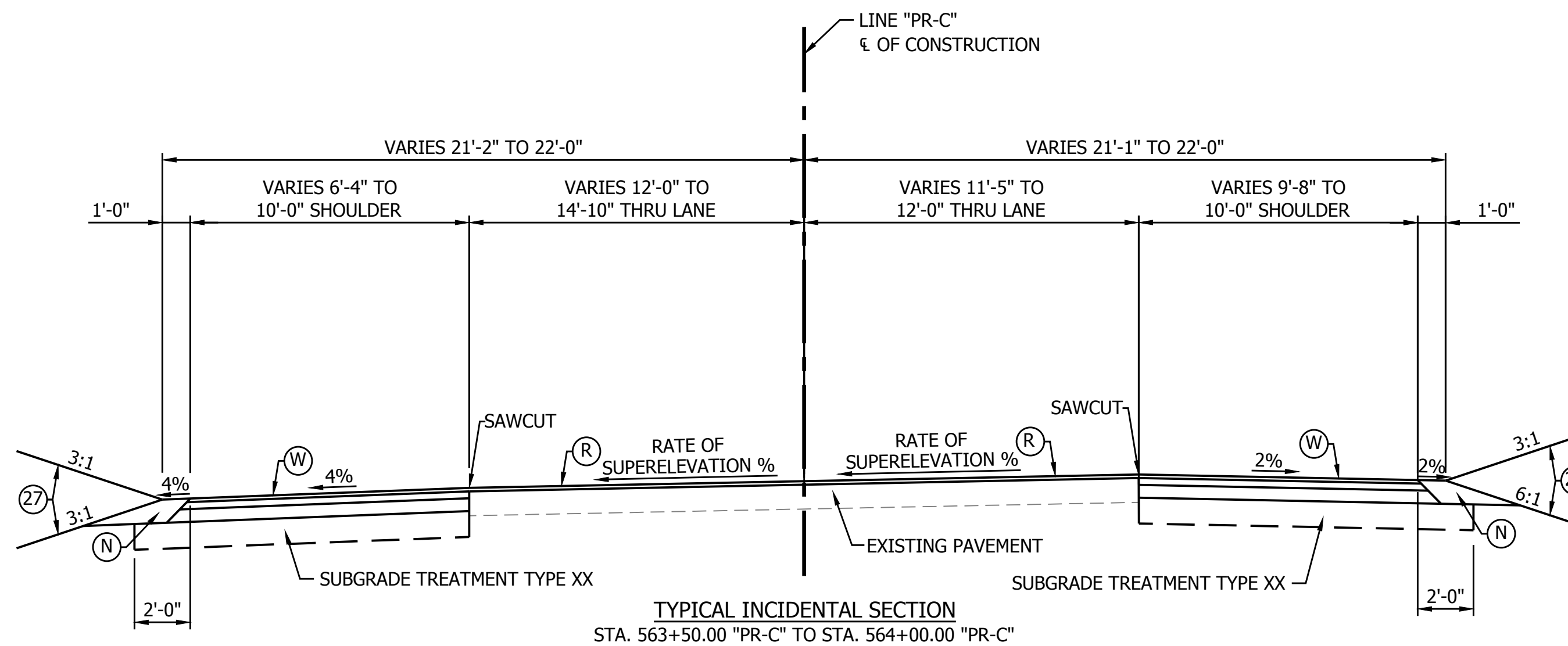
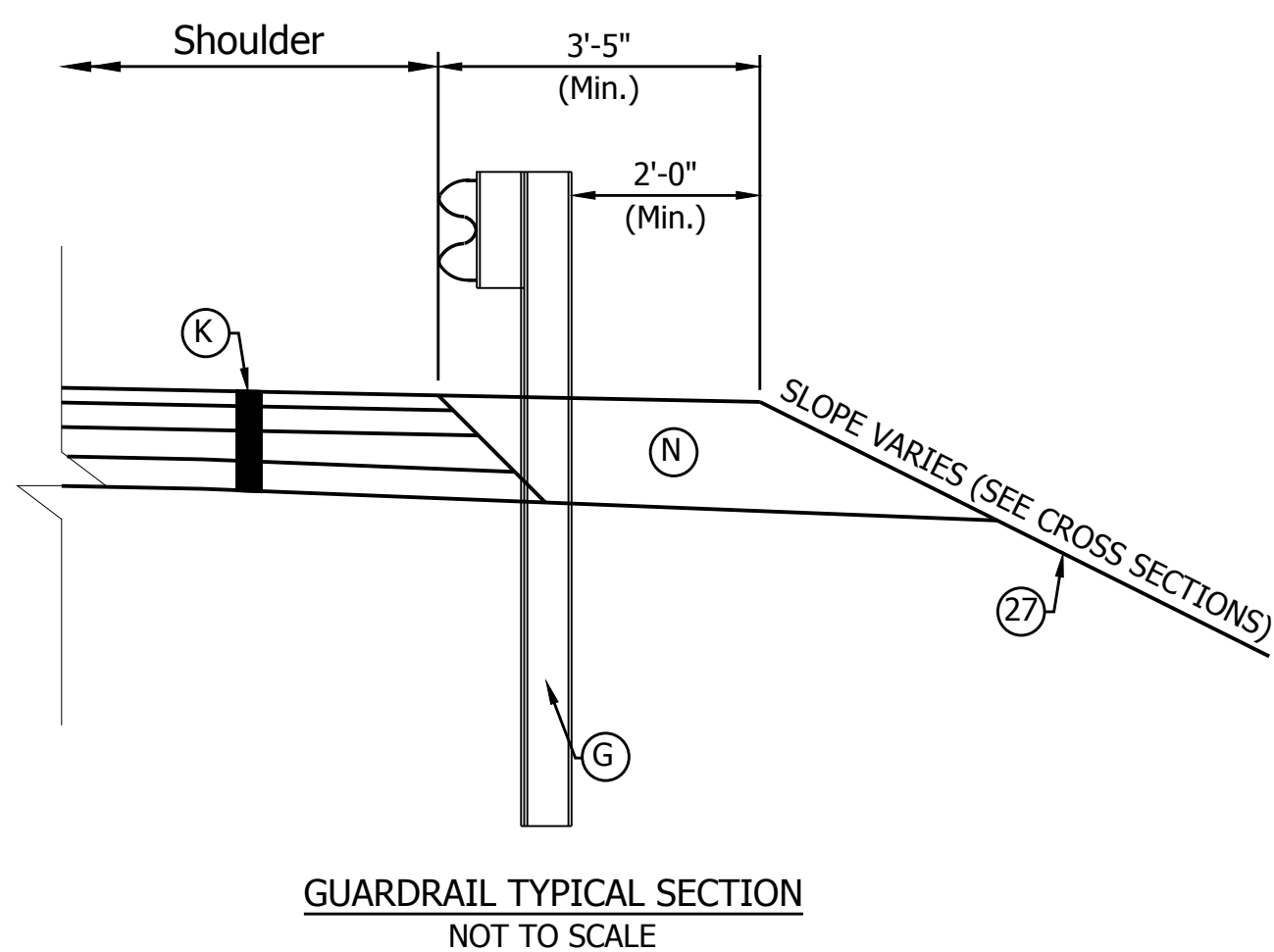
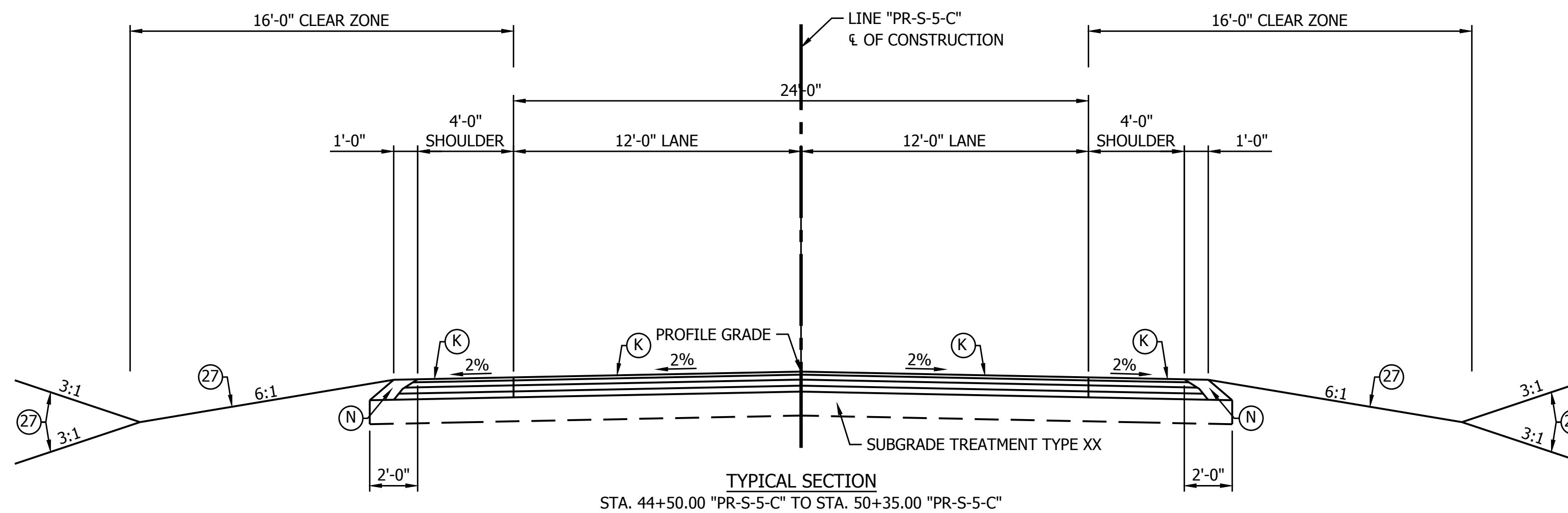
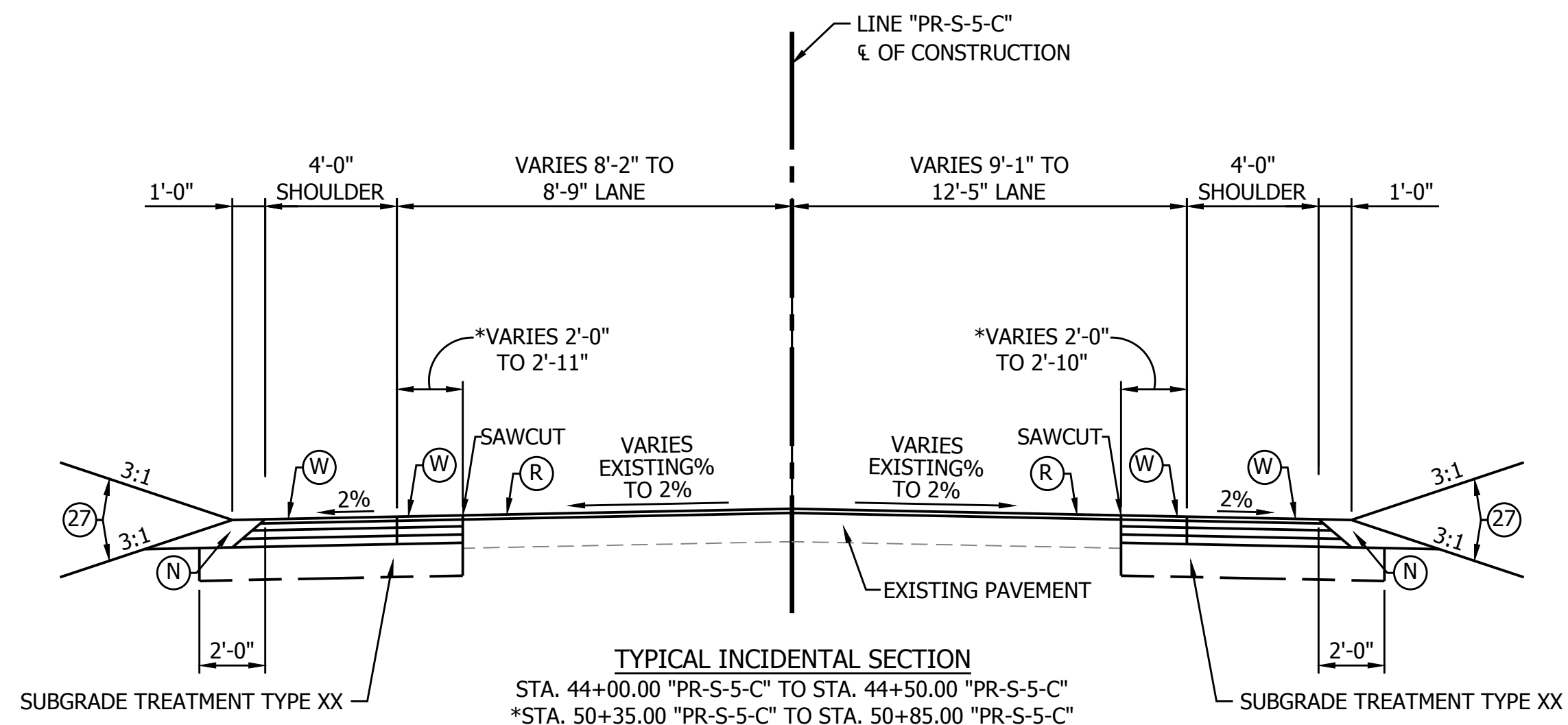
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DESIGNED: RDS	DRAWN: MSS	
CHECKED: LLC	CHECKED: LLC	

INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

HORIZONTAL SCALE 1/4" = 1'	BRIDGE FILE N/A
VERTICAL SCALE 1/4" = 1'	DESIGNATION 1700091
SURVEY BOOK N/A	SHEET 4 of 84
CONTRACT R-40742	PROJECT 1700091

PRINT DATE: 11/25/20
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(K) HMA FULL DEPTH PAVEMENT
165 LB/SYS QC/QA HMA, 3, 70, SURFACE 9.5 MM, ON
275 LB/SYS QC/QA HMA, 3, 70, INTERMEDIATE 19 MM, ON
880 LB/STS QC/QA HMA, 3, 64, BASE, 19.0 MM ON
9 IN. OF COMPACTED AGGREGATE NO. 53 ON
SUBGRADE TREATMENT, TYPE IBC (14" OF Chemical Soil Modification)

LEGEND
(J) HMA FOR SHOULDERS
165 LB/SYS HMA SURFACE 9.5 MM, ON
330 LB/SYS HMA INTERMEDIATE 19 MM, ON
5.5 IN. OF COMPACTED AGGREGATE NO. 53 BASE
(N) COMPACTED AGGREGATE, NO. 53

(R) HMA RESURFACE
MILLING ASPHALT, 1.5"
165 LB/SYD HMA, SURFACE 9.5 mm
(W) WIDENING WITH HMA TYPE B (2' Minimum)
(22) CONCRETE CENTER CURB, TYPE D
(27) MULCHED SEEDING, R

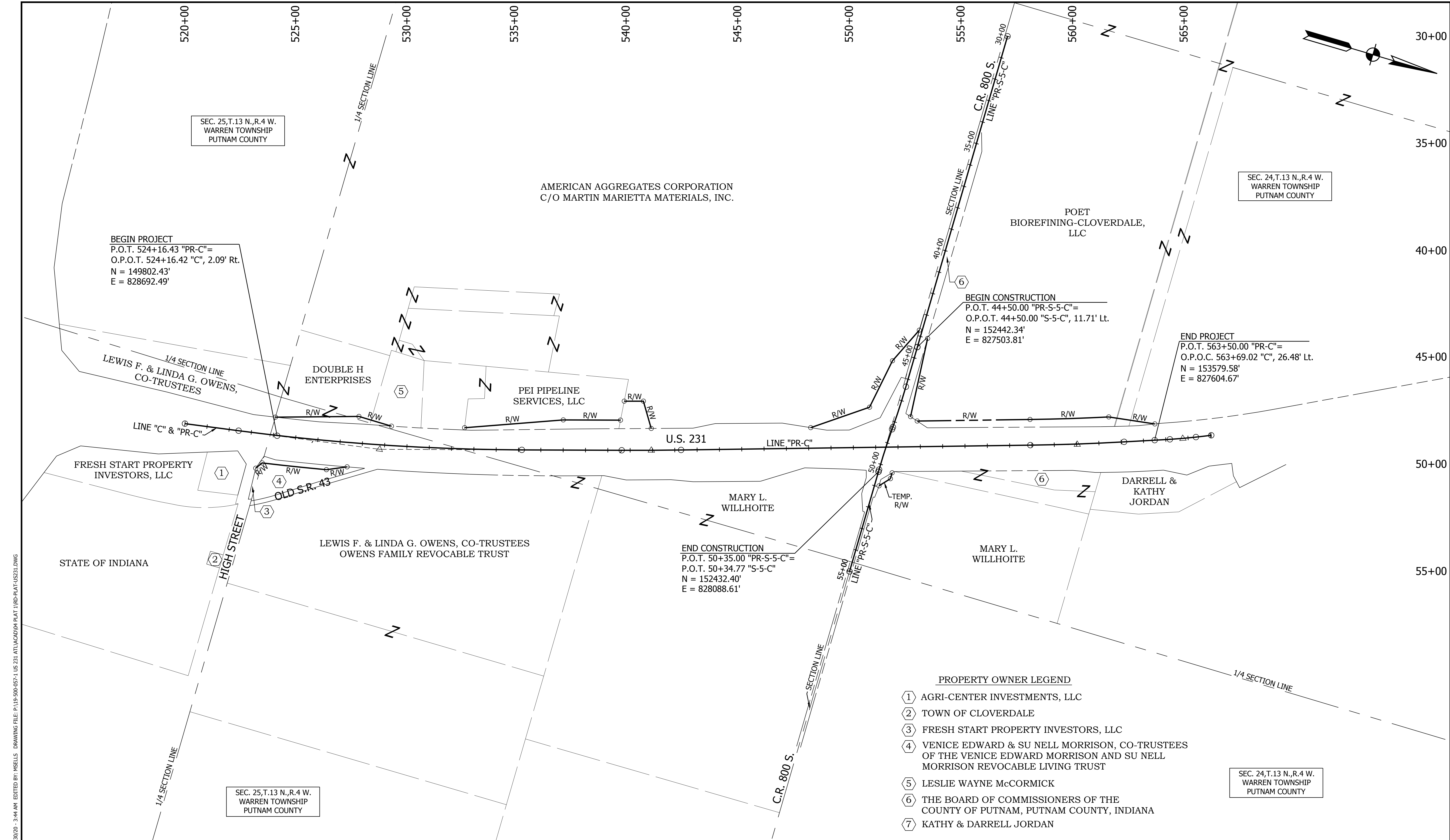
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: RDS DRAWN: MSS
CHECKED: LLC CHECKED: LLC

INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

HORIZONTAL SCALE 1/4" = 1'	BRIDGE FILE N/A
VERTICAL SCALE 1/4" = 1'	DESIGNATION 1700091
SURVEY BOOK N/A	SHEET 5 of 84
CONTRACT R-40742	PROJECT 1700091



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PROPERTY OWNER LEGEND

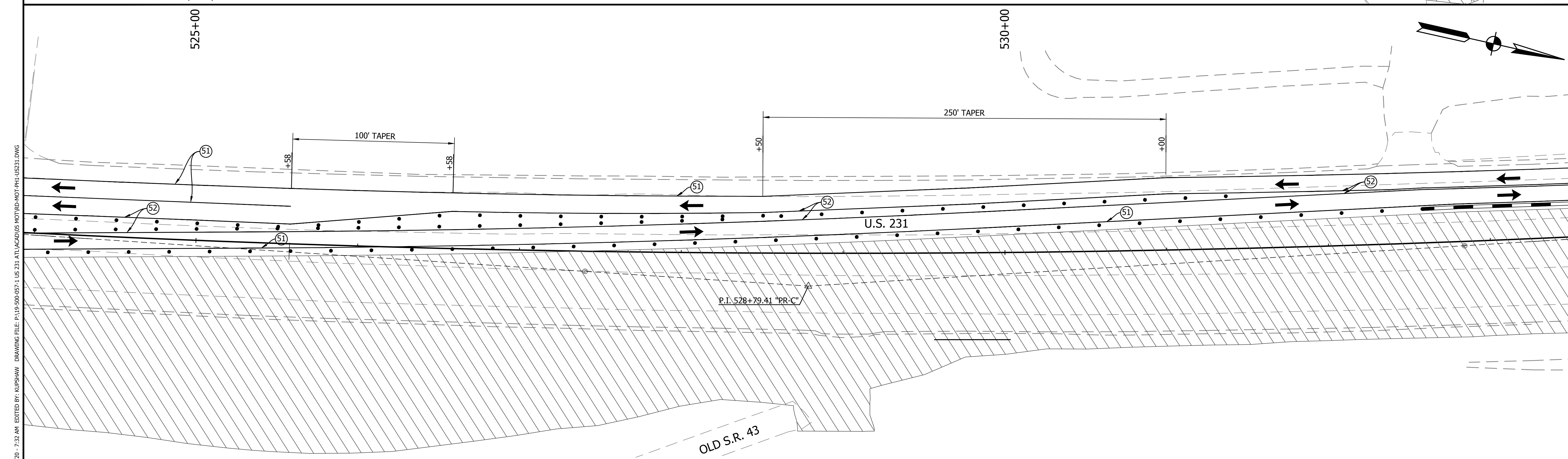
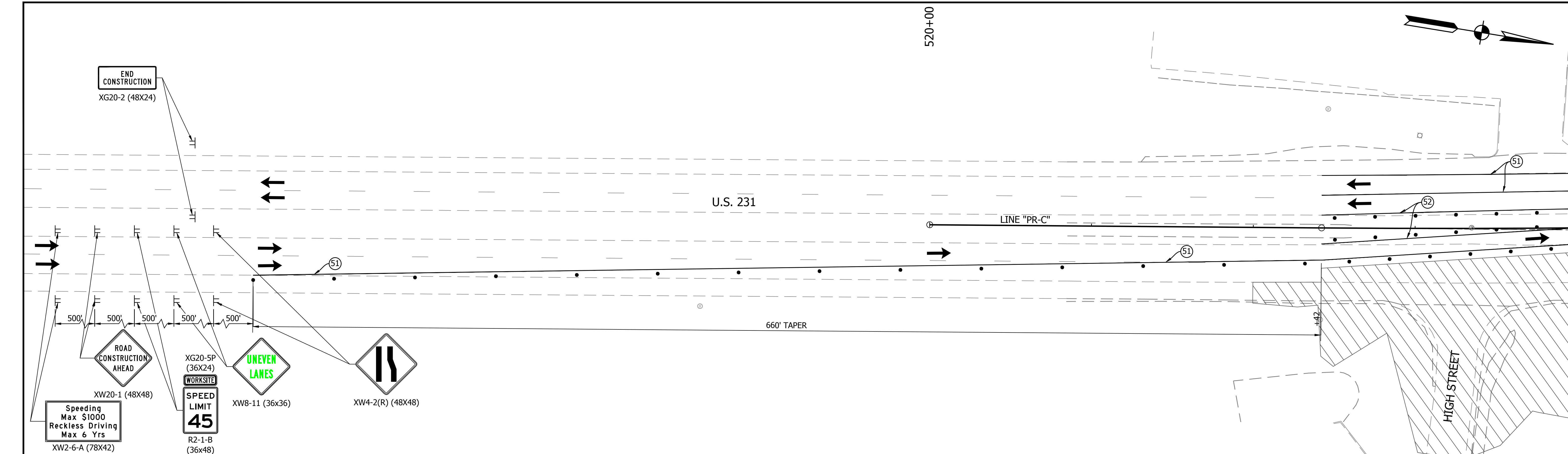
- ① AGRI-CENTER INVESTMENTS, LLC
- ② TOWN OF CLOVERDALE
- ③ FRESH START PROPERTY INVESTORS, LLC
- ④ VENICE EDWARD & SU NELL MORRISON, CO-TRUSTEES OF THE VENICE EDWARD MORRISON AND SU NELL MORRISON REVOCABLE LIVING TRUST
- ⑤ LESLIE WAYNE McCORMICK
- ⑥ THE BOARD OF COMMISSIONERS OF THE COUNTY OF PUTNAM, PUTNAM COUNTY, INDIANA
- ⑦ KATHY & DARRELL JORDAN

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: <u>RDS</u>	DRAWN: <u>MSS</u>		
CHECKED: <u>LLC</u>	CHECKED: <u>RDS</u>		

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT NO. 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 200'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700091
SURVEY BOOK	SHEET
	6 of 84
CONTRACT	PROJECT
R-40742	1700091



PRINT DATE: 11/25/20
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WORK ZONE DESIGN SPEED = 35 MPH		LEGEND		51 TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (WHITE) 52 TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (YELLOW) 53 TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (DASHED) 54 TEMPORARY PAVEMENT MARKING, REMOVABLE, 24 IN. , REMOVABLE, 24"
→	TRAFFIC DIRECTION		AREA OF CONSTRUCTION	
TT	CONSTRUCTION SIGN		HMA FOR TEMPORARY PAVEMENT, TYPE C: 165 LB/SYD HMA, SURFACE, TYPE C, ON 495 LB/SYD HMA, INTERMEDIATE, TYPE C, ON SUBGRADE TREATMENT, TYPE II	
TT	BARRICADE TYPE III B		TEMPORARY TRAFFIC BARRIER, TYPE 2	
X	LINE REMOVAL			
•	DRUM w/ WARNING LIGHT			

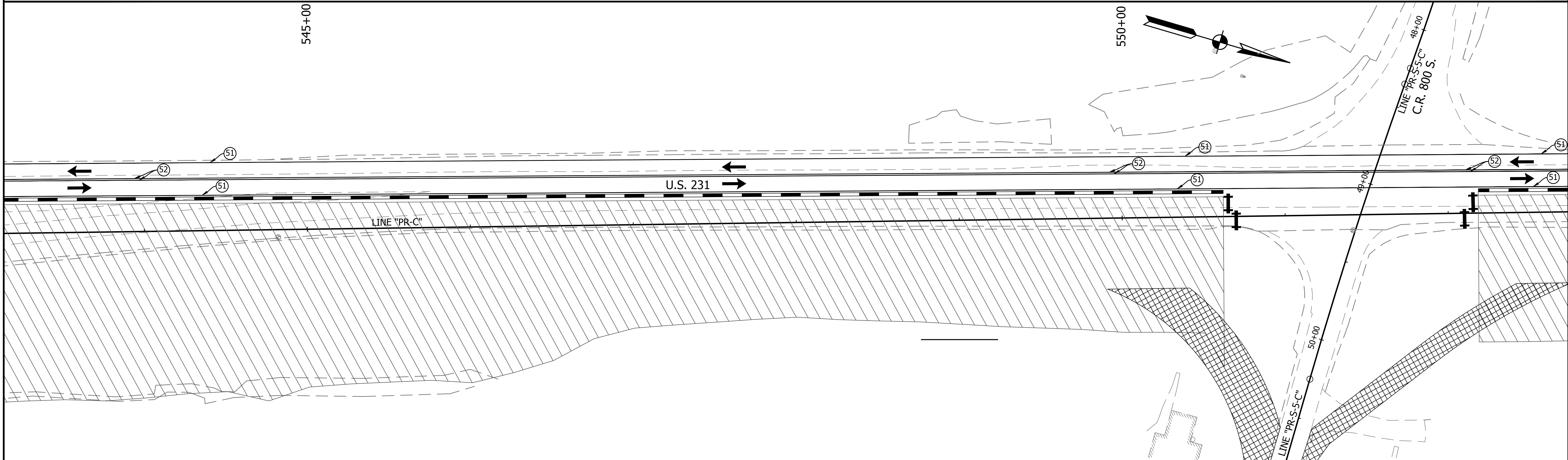
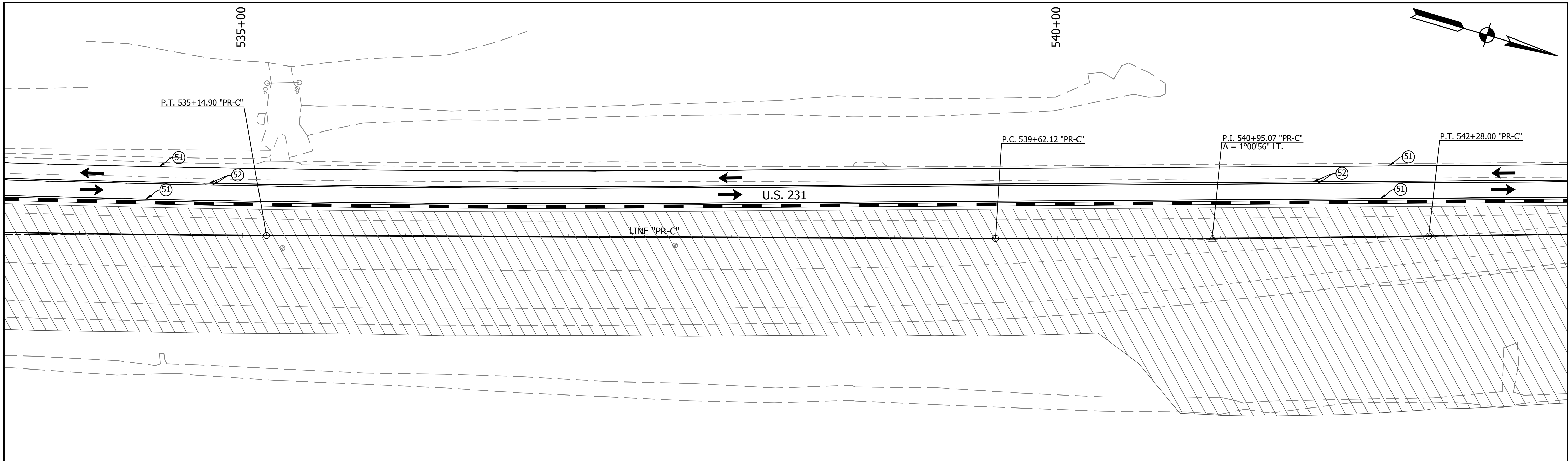
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BEH	DRAWN: MSS	
CHECKED: RDS	CHECKED: RDS	

INDIANA
 DEPARTMENT OF TRANSPORTATION

 MAINTENANCE OF TRAFFIC
 PHASE 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700091
SURVEY BOOK	SHEET
	7 of 84
CONTRACT	PROJECT
R-40742	1700091

PRINT DATE: 11/25/20
 PLOT SCALE: 1:1
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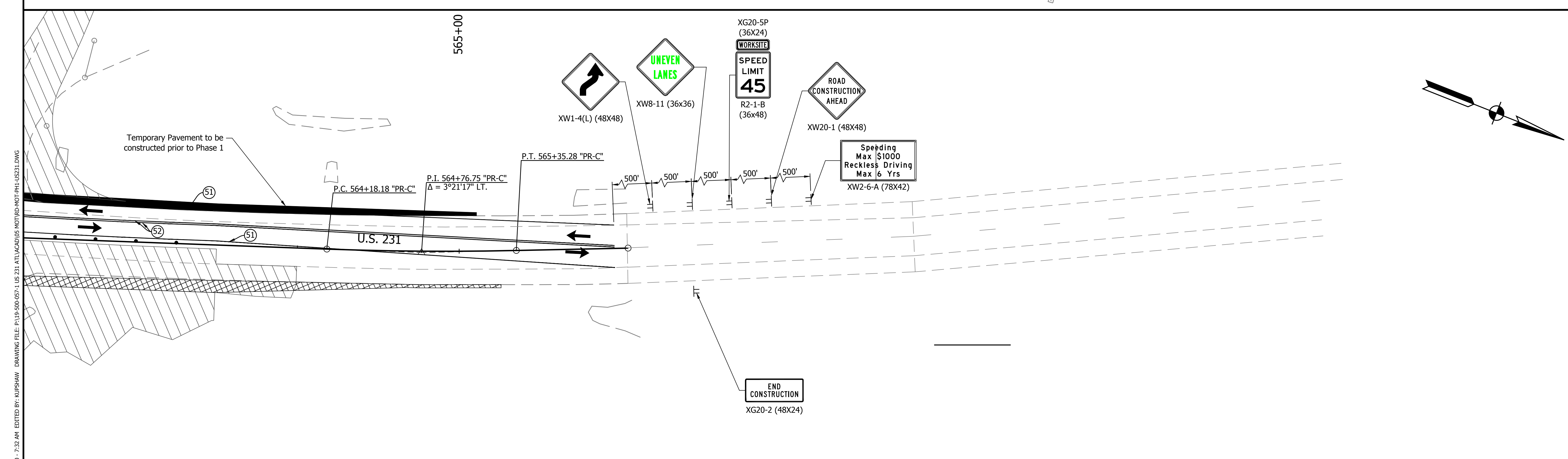
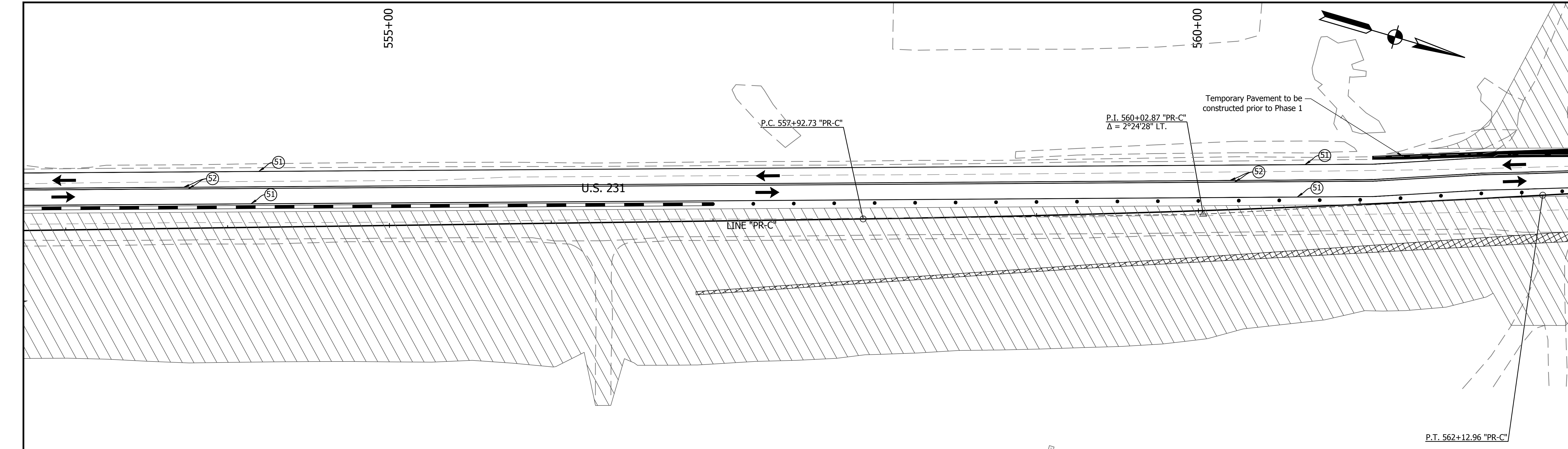
WORK ZONE DESIGN SPEED = 35 MPH TRAFFIC DIRECTION CONSTRUCTION SIGN BARRICADE TYPE III B LINE REMOVAL DRUM w/ WARNING LIGHT		LEGEND AREA OF CONSTRUCTION HMA FOR TEMPORARY PAVEMENT, TYPE C: 165 LB/SYD HMA, SURFACE, TYPE C, ON 495 LB/SYD HMA, INTERMEDIATE, TYPE C, ON SUBGRADE TREATMENT, TYPE II TEMPORARY TRAFFIC BARRIER, TYPE 2		TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (WHITE) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (YELLOW) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (DASHED) TEMPORARY PAVEMENT MARKING, REMOVABLE, 24 IN. , REMOVABLE, 24"	
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: <u>BEH</u>	DRAWN: <u>MSS</u>	
CHECKED: <u>RDS</u>	CHECKED: <u>RDS</u>	

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700091
SURVEY BOOK	SHEET
	8 of 84
CONTRACT	PROJECT
R-40742	1700091



PRINT DATE: 11/25/20 PLOT SCALE: 1:1 EDIT DATE: 11/25/20 - 7:32 AM EDITED BY: KUSHAW DRAWING FILE: P:\19-500-057-1 US 231 ATILACAD\05 MOTOR\HOT-PH-US231.DWG

WORK ZONE DESIGN SPEED = 35 MPH		LEGEND		(51) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (WHITE) (52) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (YELLOW) (53) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (DASHED) (54) TEMPORARY PAVEMENT MARKING, REMOVABLE, 24 IN. , REMOVABLE, 24"
→ TRAFFIC DIRECTION TT CONSTRUCTION SIGN † BARRICADE TYPE III B — LINE REMOVAL • DRUM w/ WARNING LIGHT	AREA OF CONSTRUCTION HMA FOR TEMPORARY PAVEMENT, TYPE C: 165 LB/SYD HMA, SURFACE, TYPE C, ON 495 LB/SYD HMA, INTERMEDIATE, TYPE C, ON SUBGRADE TREATMENT, TYPE II TEMPORARY TRAFFIC BARRIER, TYPE 2			

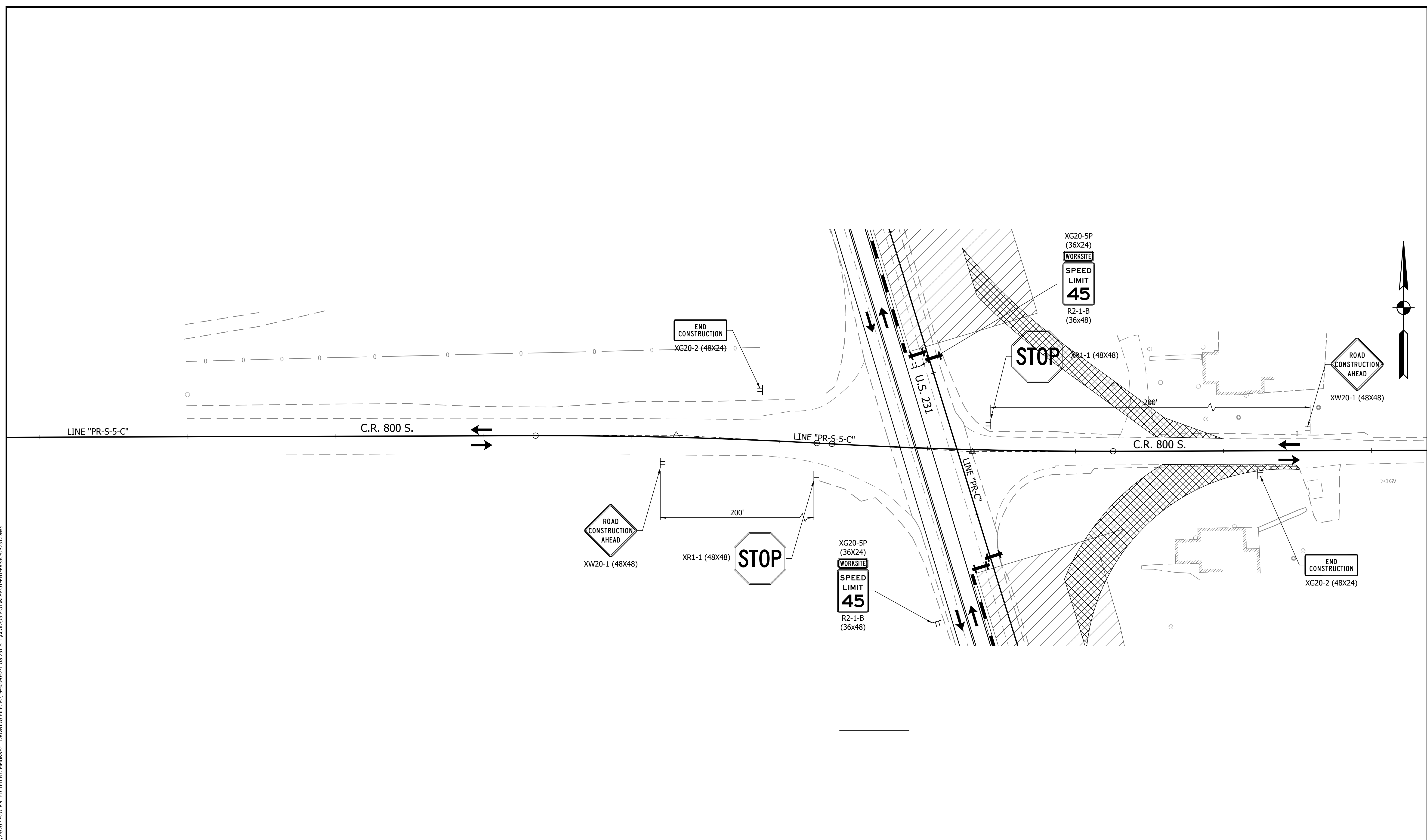
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DESIGNED: BEH	DRAWN: MSS	
CHECKED: RDS	CHECKED: RDS	

INDIANA
DEPARTMENT OF TRANSPORTATION

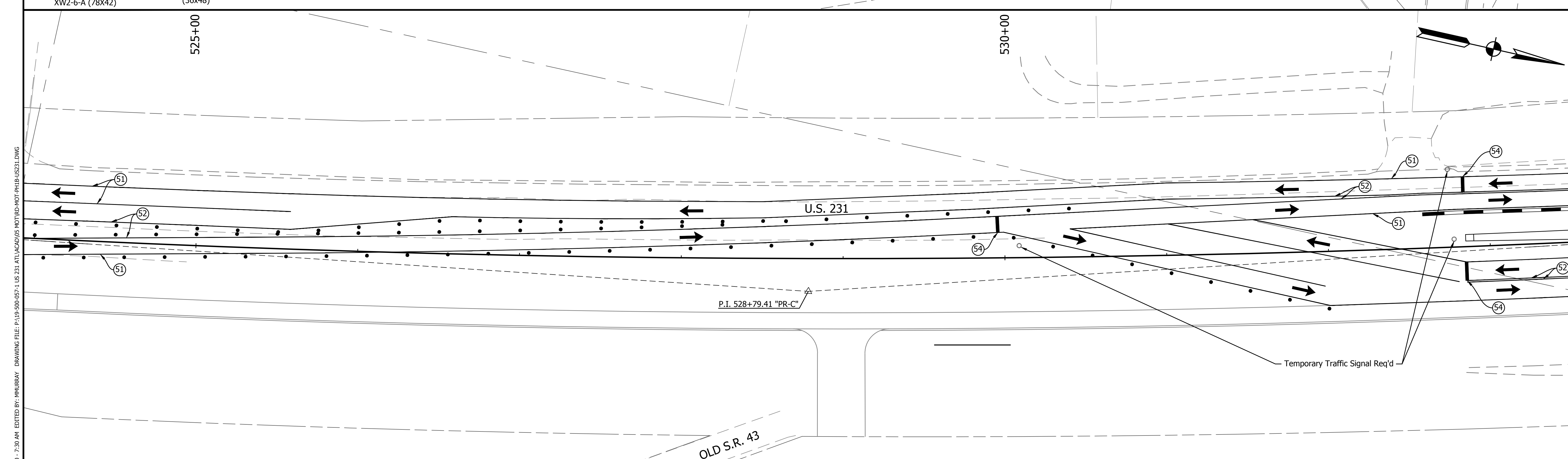
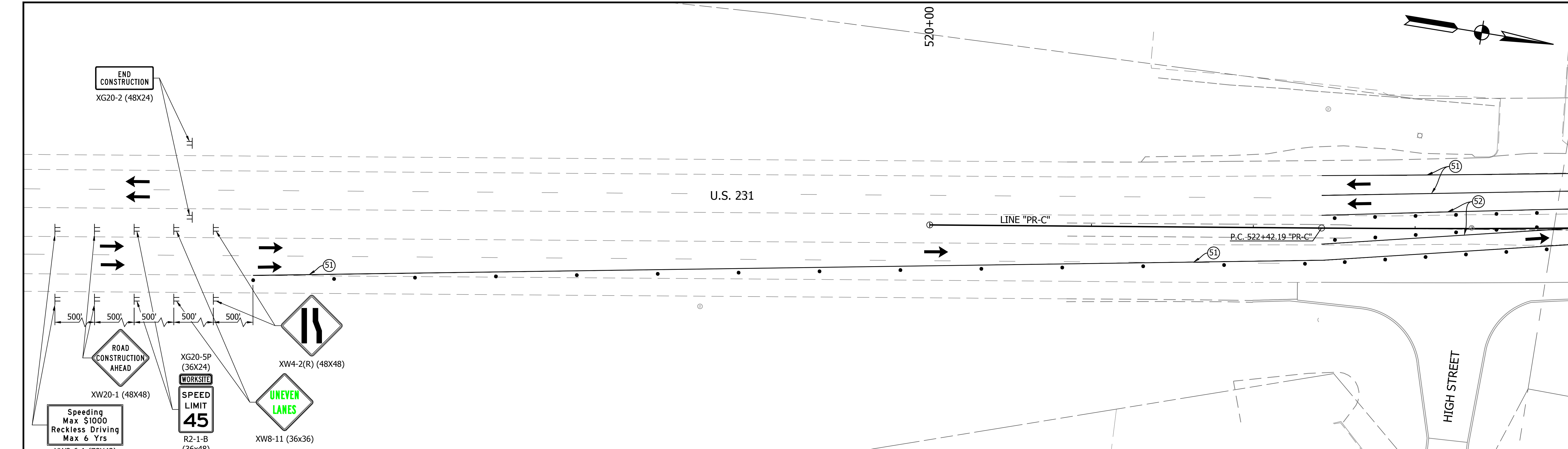
MAINTENANCE OF TRAFFIC
PHASE 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700091
SURVEY BOOK	SHEET
	9 of 84
CONTRACT	PROJECT
R-40742	1700091

PRINT DATE: 11/25/20
 PLOT SCALE: 1:1000
 DRAWING FILE: P:\19-500-057-1 US 231 ATLACAD\05 NOT-IND-MOT-PH1-RES5C-05231.DWG
 EDITED BY: MURRAY



<p>WORK ZONE DESIGN SPEED = 35 MPH</p> <p>→ TRAFFIC DIRECTION</p> <p>TT CONSTRUCTION SIGN</p> <p>⊥ BARRICADE TYPE III B</p> <p>X LINE REMOVAL</p> <p>• DRUM w/ WARNING LIGHT</p>	<p>LEGEND</p> <p>▨ AREA OF CONSTRUCTION</p> <p>▩ HMA FOR TEMPORARY PAVEMENT, TYPE C: 165 LB/SYD HMA, SURFACE, TYPE C, ON 495 LB/SYD HMA, INTERMEDIATE, TYPE C, ON SUBGRADE TREATMENT, TYPE II</p> <p>▬ TEMPORARY TRAFFIC BARRIER, TYPE 2</p>	<p>Ⓛ1 TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (WHITE)</p> <p>Ⓛ2 TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (YELLOW)</p> <p>Ⓛ3 TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (DASHED)</p> <p>Ⓛ4 TEMPORARY PAVEMENT MARKING, REMOVABLE, 24 IN. , REMOVABLE, 24"</p>	<p>RECOMMENDED FOR APPROVAL _____</p> <p style="text-align: center;">DESIGN ENGINEER DATE</p> <hr/> <p>DESIGNED: <u>BEH</u> DRAWN: <u>MSS</u></p> <p>CHECKED: <u>RDS</u> CHECKED: <u>RDS</u></p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>MAINTENANCE OF TRAFFIC PHASE 1</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>1" = 30'</td> <td>N/A</td> </tr> <tr> <td>VERTICAL SCALE</td> <td>DESIGNATION</td> </tr> <tr> <td>N/A</td> <td>1700091</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEET</td> </tr> <tr> <td></td> <td>11 of 84</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td>R-40742</td> <td>1700091</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1" = 30'	N/A	VERTICAL SCALE	DESIGNATION	N/A	1700091	SURVEY BOOK	SHEET		11 of 84	CONTRACT	PROJECT	R-40742	1700091
HORIZONTAL SCALE	BRIDGE FILE																				
1" = 30'	N/A																				
VERTICAL SCALE	DESIGNATION																				
N/A	1700091																				
SURVEY BOOK	SHEET																				
	11 of 84																				
CONTRACT	PROJECT																				
R-40742	1700091																				



PRINT DATE: 11/25/20
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 EDITED BY: MMURRAY
 DRAWING FILE: P:\19-500-057-1 US 231 AT LACADUS MOT RD-NOT-PHIBUS31.DWG

WORK ZONE DESIGN SPEED = 35 MPH		LEGEND		(51) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (WHITE) (52) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (YELLOW) (53) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (DASHED) (54) TEMPORARY PAVEMENT MARKING, REMOVABLE, 24 IN. , REMOVABLE, 24"
→	TRAFFIC DIRECTION		AREA OF CONSTRUCTION	
TT	CONSTRUCTION SIGN		HMA FOR TEMPORARY PAVEMENT, TYPE C: 165 LB/SYD HMA, SURFACE, TYPE C, ON 495 LB/SYD HMA, INTERMEDIATE, TYPE C, ON SUBGRADE TREATMENT, TYPE II	
+	BARRICADE TYPE III B		TEMPORARY TRAFFIC BARRIER, TYPE 2	
X	LINE REMOVAL			
•	DRUM w/ WARNING LIGHT			

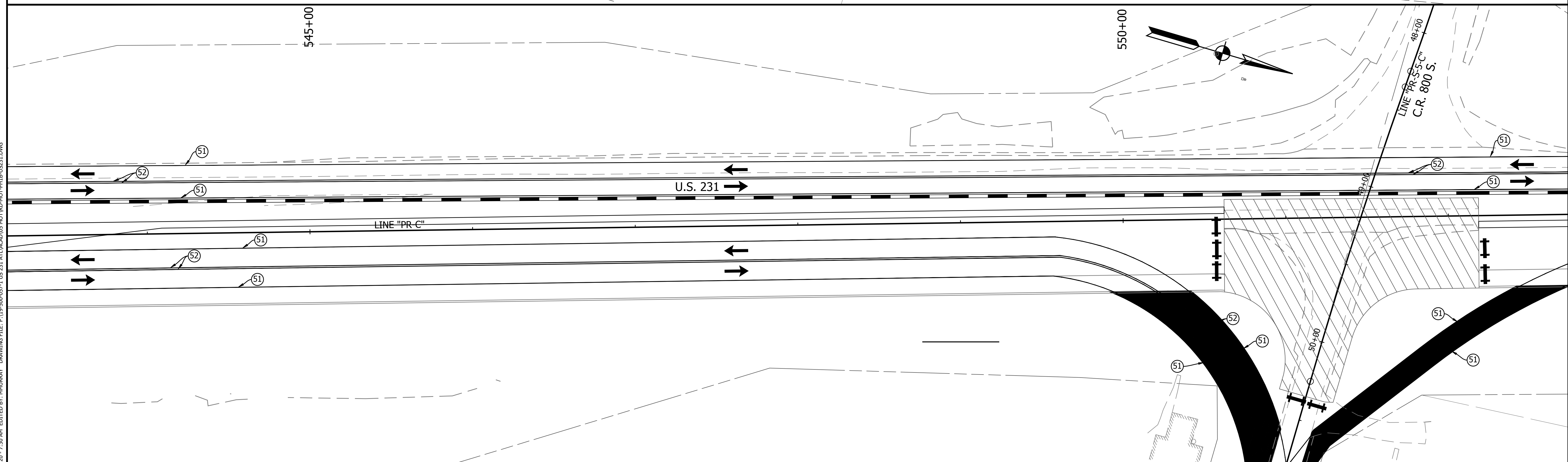
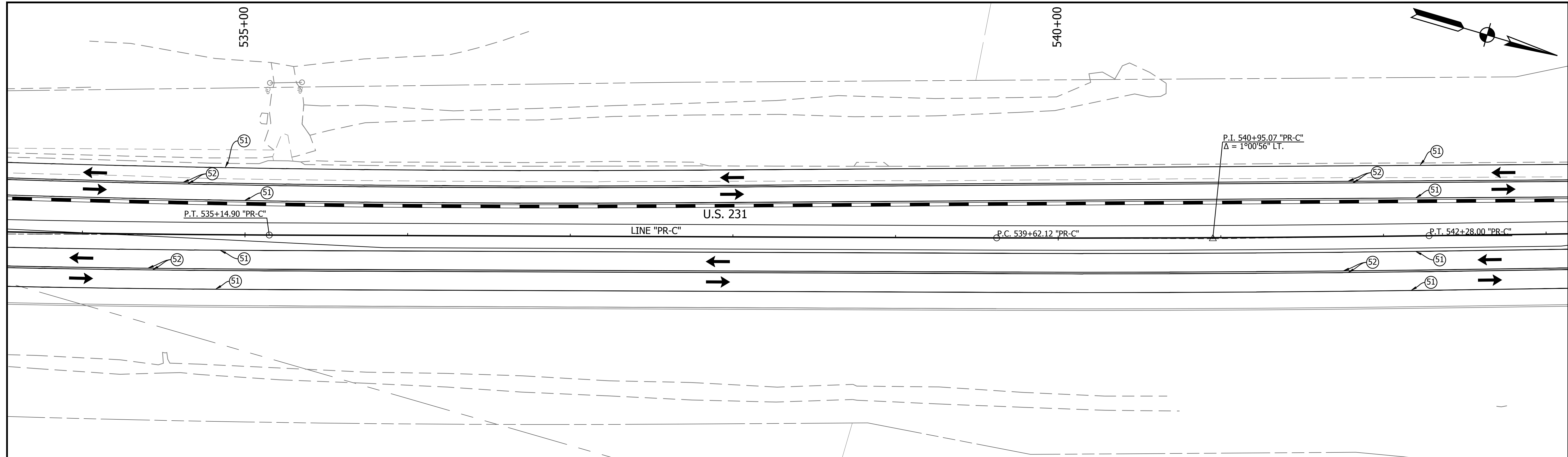
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DESIGNED: BEH	DRAWN: MSS	
CHECKED: RDS	CHECKED: RDS	

INDIANA
 DEPARTMENT OF TRANSPORTATION

 MAINTENANCE OF TRAFFIC
 PHASE 1b

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700091
SURVEY BOOK	SHEET
	12 of 84
CONTRACT	PROJECT
R-40742	1700091

PRINT DATE: 11/25/20 PLOT SCALE: 1:1 EDIT DATE: 11/25/20 7:30 AM EDITED BY: MMURRAY DRAWING FILE: P:\19-500-057-1 US 231 AT LACADUS MOTORWAY-19-500-057-1.DWG



WORK ZONE DESIGN SPEED = 35 MPH		LEGEND		(51) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (WHITE) (52) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (YELLOW) (53) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (DASHED) (54) TEMPORARY PAVEMENT MARKING, REMOVABLE, 24 IN. , REMOVABLE, 24"
→ TRAFFIC DIRECTION TT CONSTRUCTION SIGN † BARRICADE TYPE III B — LINE REMOVAL • DRUM w/ WARNING LIGHT	AREA OF CONSTRUCTION HMA FOR TEMPORARY PAVEMENT, TYPE C: 165 LB/SYD HMA, SURFACE, TYPE C, ON 495 LB/SYD HMA, INTERMEDIATE, TYPE C, ON SUBGRADE TREATMENT, TYPE II TEMPORARY TRAFFIC BARRIER, TYPE 2			

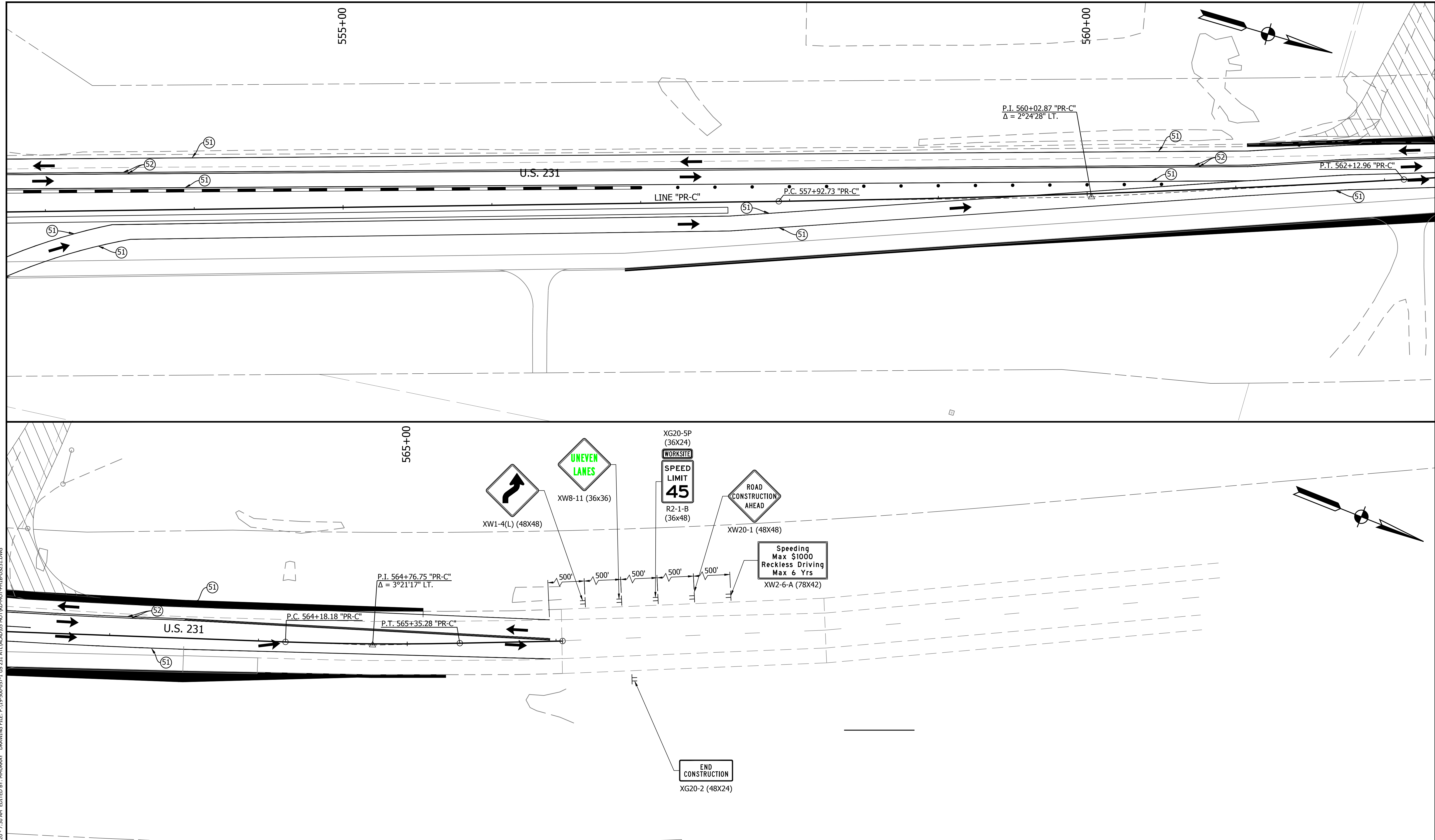
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DESIGNED: <u>BEH</u>	DRAWN: <u>MSS</u>	
CHECKED: <u>RDS</u>	CHECKED: <u>RDS</u>	

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 1b

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700091
SURVEY BOOK	SHEET
	13 of 84
CONTRACT	PROJECT
R-40742	1700091

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WORK ZONE DESIGN SPEED = 35 MPH		LEGEND		51	TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (WHITE)
→	TRAFFIC DIRECTION	[Hatched Box]	AREA OF CONSTRUCTION	52	TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (YELLOW)
TT	CONSTRUCTION SIGN	[Cross-hatched Box]	HMA FOR TEMPORARY PAVEMENT, TYPE C: 165 LB/SYD HMA, SURFACE, TYPE C, ON 495 LB/SYD HMA, INTERMEDIATE, TYPE C, ON SUBGRADE TREATMENT, TYPE II	53	TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (DASHED)
TT	BARRICADE TYPE III B	[Dashed Line]	TEMPORARY TRAFFIC BARRIER, TYPE 2	54	TEMPORARY PAVEMENT MARKING, REMOVABLE, 24 IN. , REMOVABLE, 24"
—	LINE REMOVAL				
•	DRUM w/ WARNING LIGHT				

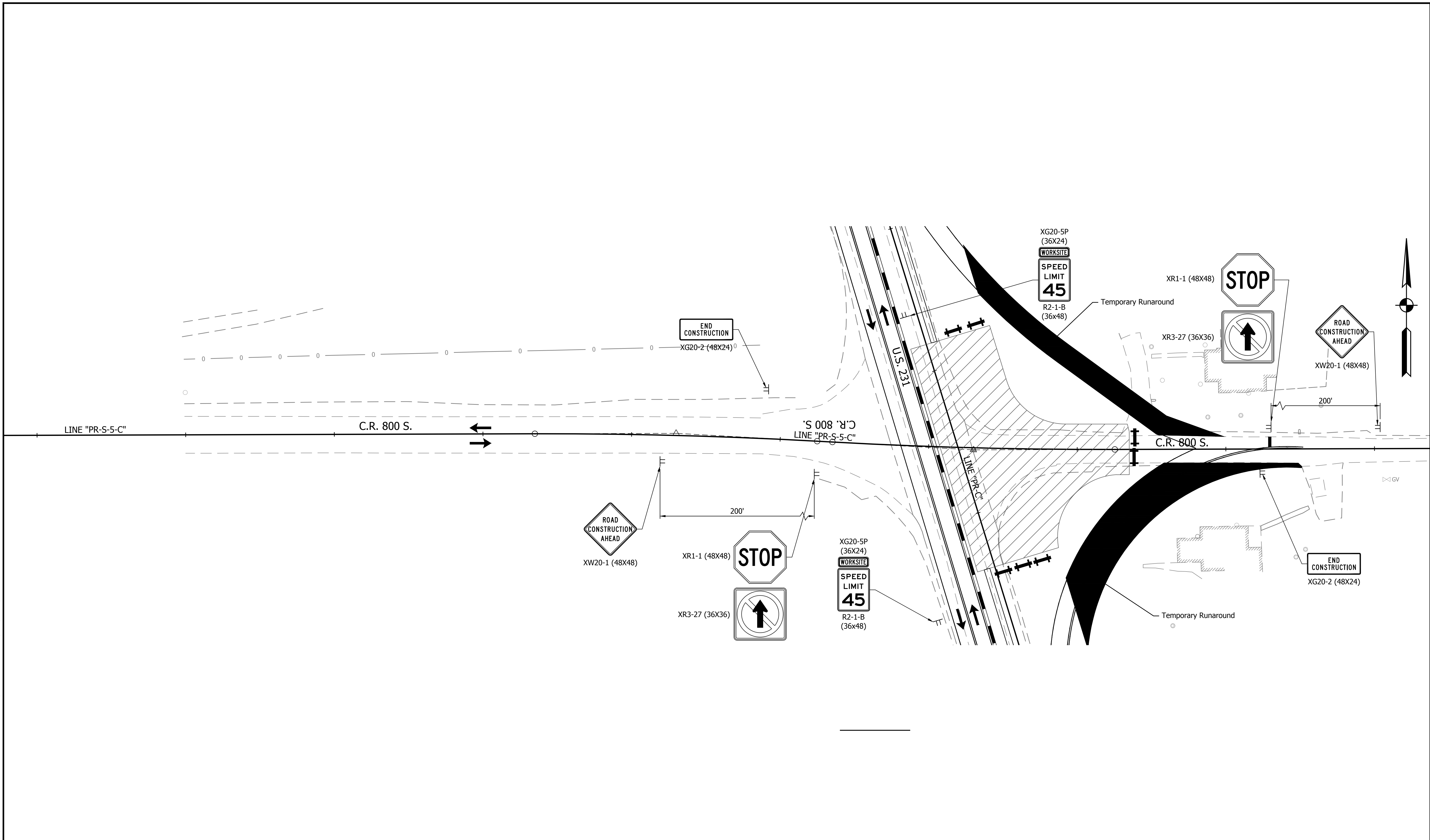
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
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INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 1b

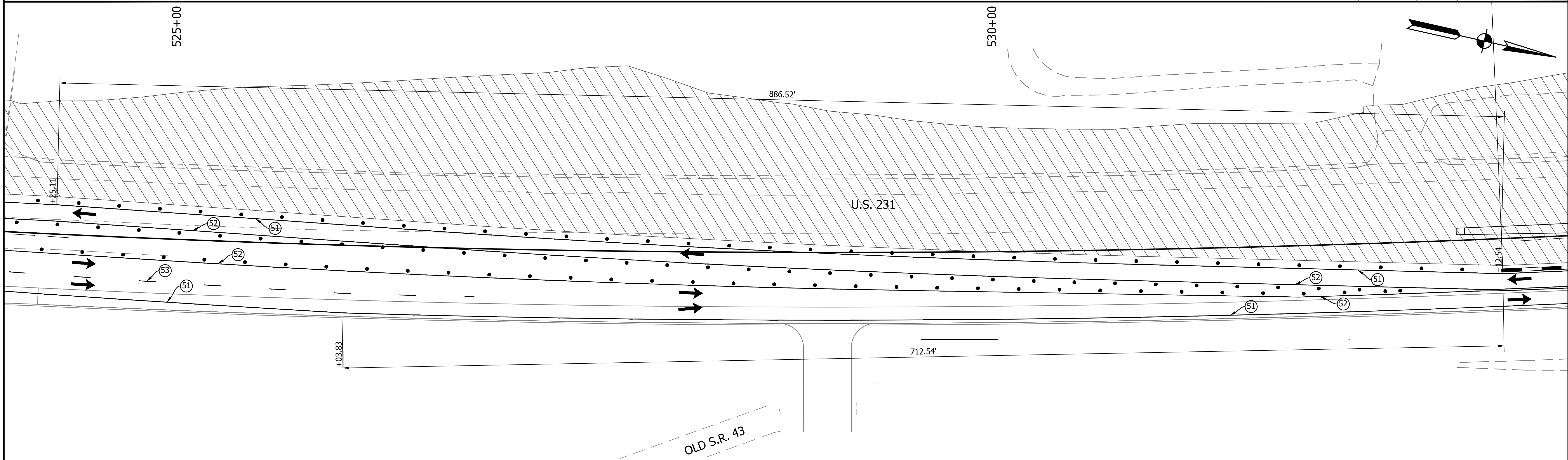
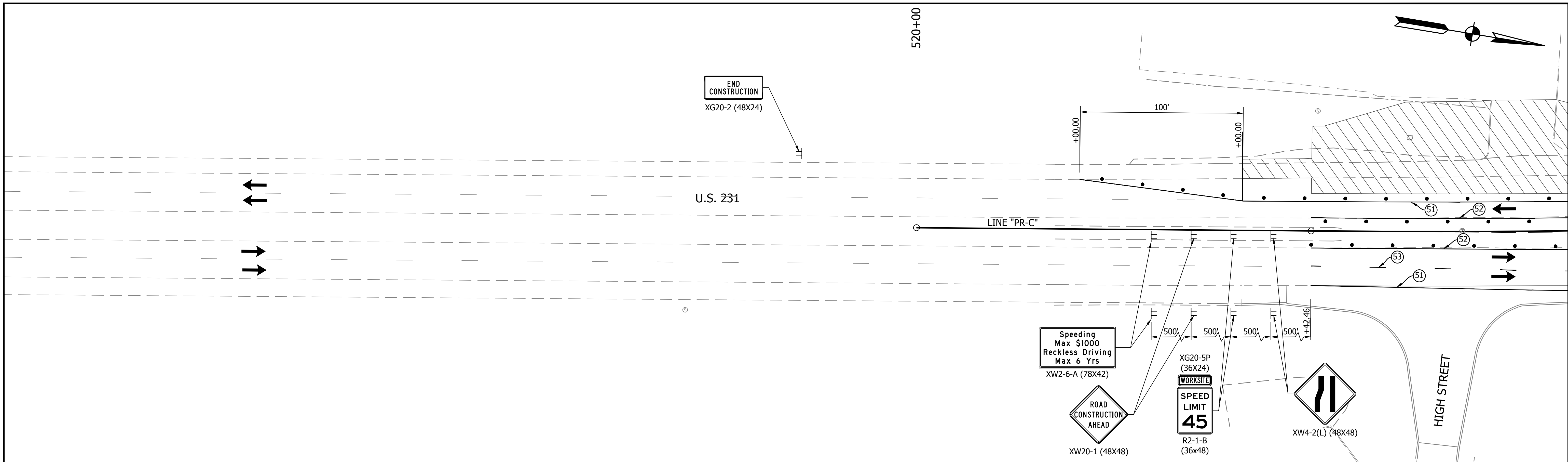
HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700091
SURVEY BOOK	SHEET
	14 of 84
CONTRACT	PROJECT
R-40742	1700091

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 PLOT SCALE: 1:1,000
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 DATE: 11/24/20 4:07 PM



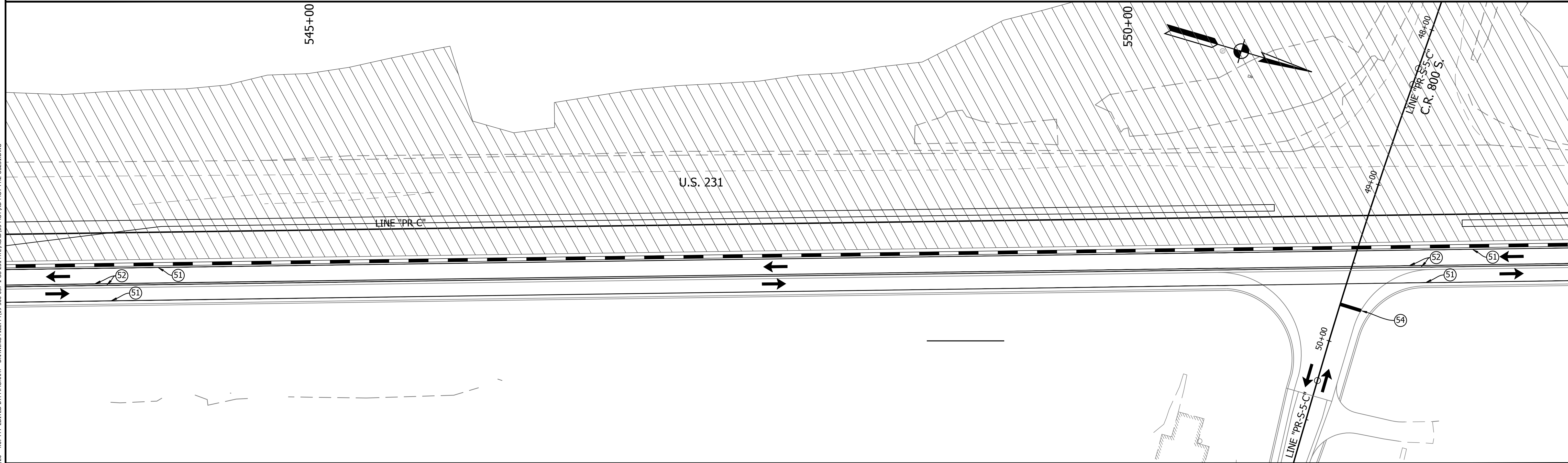
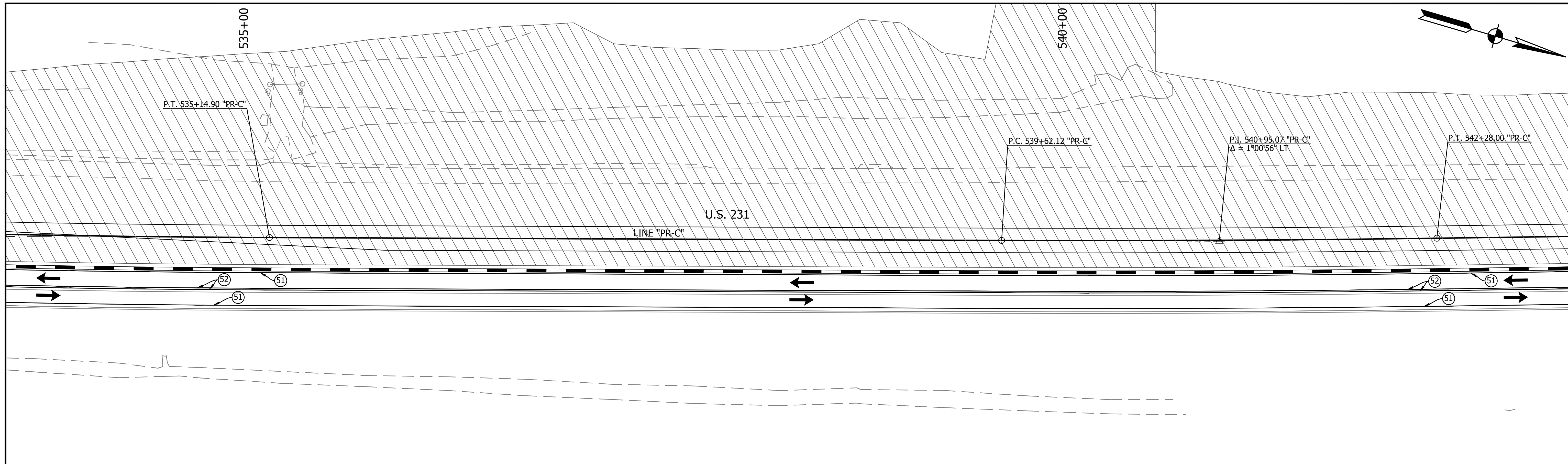
<p>WORK ZONE DESIGN SPEED = 35 MPH</p> <p>→ TRAFFIC DIRECTION</p> <p>TT CONSTRUCTION SIGN</p> <p>⊥ BARRICADE TYPE III B</p> <p>X LINE REMOVAL</p> <p>• DRUM w/ WARNING LIGHT</p>	<p>LEGEND</p> <p>▨ AREA OF CONSTRUCTION</p> <p>▨ HMA FOR TEMPORARY PAVEMENT, TYPE C: 165 LB/SYD HMA, SURFACE, TYPE C, ON 495 LB/SYD HMA, INTERMEDIATE, TYPE C, ON SUBGRADE TREATMENT, TYPE II</p> <p>▬ TEMPORARY TRAFFIC BARRIER, TYPE 2</p>	<p>Ⓛ1 TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (WHITE)</p> <p>Ⓛ2 TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (YELLOW)</p> <p>Ⓛ3 TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (DASHED)</p> <p>Ⓛ4 TEMPORARY PAVEMENT MARKING, REMOVABLE, 24 IN. , REMOVABLE, 24"</p>	<p>RECOMMENDED FOR APPROVAL _____</p> <p style="text-align: center;">DESIGN ENGINEER DATE</p> <hr/> <p>DESIGNED: <u>BEH</u> DRAWN: <u>MSS</u></p> <hr/> <p>CHECKED: <u>RDS</u> CHECKED: <u>RDS</u></p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>MAINTENANCE OF TRAFFIC PHASE 1b</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>1" = 30'</td> <td>N/A</td> </tr> <tr> <td>VERTICAL SCALE</td> <td>DESIGNATION</td> </tr> <tr> <td>N/A</td> <td>1700091</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEET</td> </tr> <tr> <td></td> <td>15 of 84</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td>R-40742</td> <td>1700091</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1" = 30'	N/A	VERTICAL SCALE	DESIGNATION	N/A	1700091	SURVEY BOOK	SHEET		15 of 84	CONTRACT	PROJECT	R-40742	1700091
HORIZONTAL SCALE	BRIDGE FILE																				
1" = 30'	N/A																				
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CONTRACT	PROJECT																				
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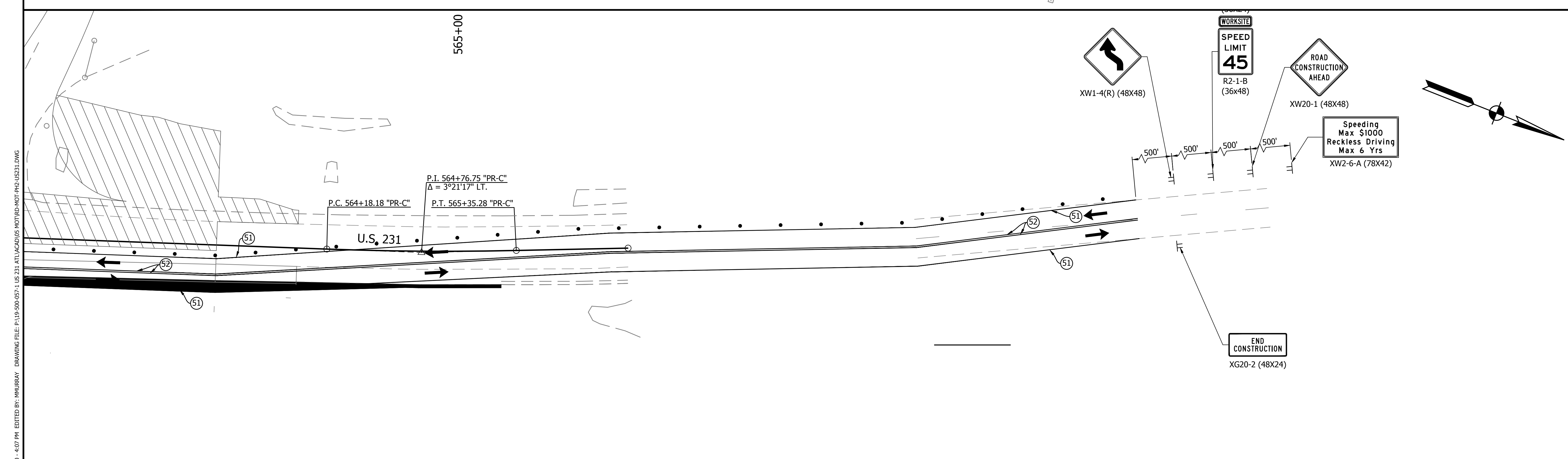
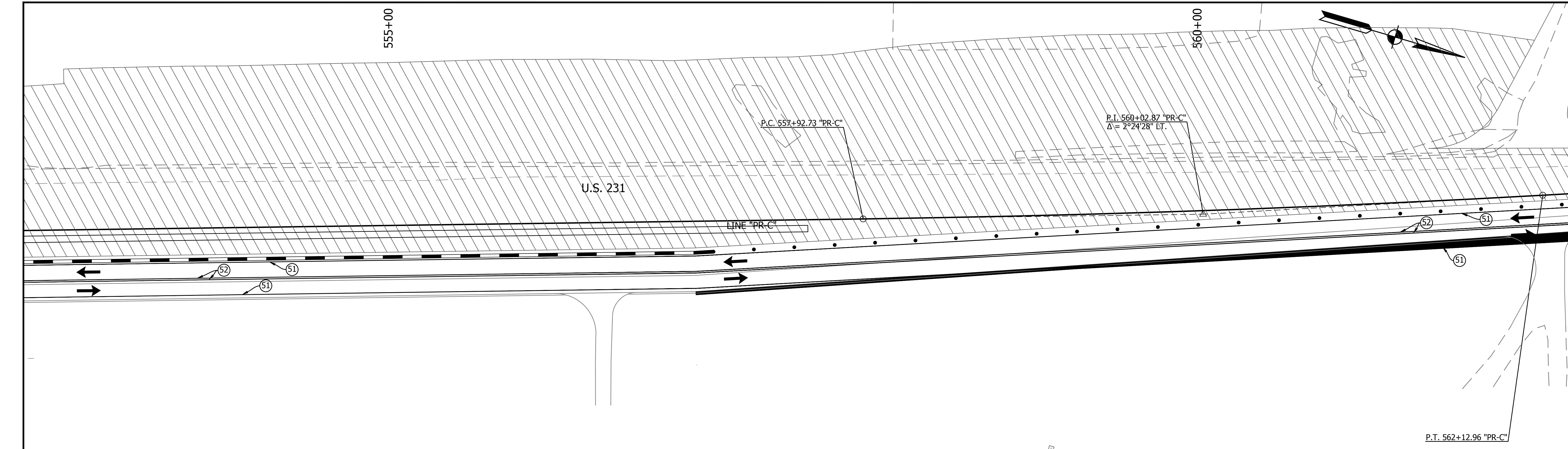


<p>WORK ZONE DESIGN SPEED = 35 MPH</p> <p>→ TRAFFIC DIRECTION</p> <p>TT CONSTRUCTION SIGN</p> <p>⊥ BARRICADE TYPE III B</p> <p>— LINE REMOVAL</p> <p>• DRUM w/ WARNING LIGHT</p>	<p>LEGEND</p> <p>▨ AREA OF CONSTRUCTION</p> <p>▨ HMA FOR TEMPORARY PAVEMENT, TYPE C: 165 LB/SYD HMA, SURFACE, TYPE C, ON 495 LB/SYD HMA, INTERMEDIATE, TYPE C, ON SUBGRADE TREATMENT, TYPE II</p> <p>▬ TEMPORARY TRAFFIC BARRIER, TYPE 2</p>	<p>⊙(51) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (WHITE)</p> <p>⊙(52) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (YELLOW)</p> <p>⊙(53) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (DASHED)</p> <p>⊙(54) TEMPORARY PAVEMENT MARKING, REMOVABLE, 24 IN. , REMOVABLE, 24"</p>	<p>RECOMMENDED FOR APPROVAL _____</p> <p style="text-align: center;">DESIGN ENGINEER DATE</p> <hr/> <p>DESIGNED: <u>BEH</u> DRAWN: <u>MSS</u></p> <p>CHECKED: <u>RDS</u> CHECKED: <u>RDS</u></p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>MAINTENANCE OF TRAFFIC PHASE 2</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>1" = 30'</td> <td>N/A</td> </tr> <tr> <td>VERTICAL SCALE</td> <td>DESIGNATION</td> </tr> <tr> <td>N/A</td> <td>1700091</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEET</td> </tr> <tr> <td></td> <td>16 of 84</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td>R-40742</td> <td>1700091</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1" = 30'	N/A	VERTICAL SCALE	DESIGNATION	N/A	1700091	SURVEY BOOK	SHEET		16 of 84	CONTRACT	PROJECT	R-40742	1700091
HORIZONTAL SCALE	BRIDGE FILE																				
1" = 30'	N/A																				
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<p>WORK ZONE DESIGN SPEED = 35 MPH</p> <p>→ TRAFFIC DIRECTION</p> <p>TT CONSTRUCTION SIGN</p> <p>⊥ BARRICADE TYPE III B</p> <p>— LINE REMOVAL</p> <p>• DRUM w/ WARNING LIGHT</p>	<p>LEGEND</p> <p>▨ AREA OF CONSTRUCTION</p> <p>▨ HMA FOR TEMPORARY PAVEMENT, TYPE C: 165 LB/SYD HMA, SURFACE, TYPE C, ON 495 LB/SYD HMA, INTERMEDIATE, TYPE C, ON SUBGRADE TREATMENT, TYPE II</p> <p>— TEMPORARY TRAFFIC BARRIER, TYPE 2</p>	<p>Ⓛ TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (WHITE)</p> <p>Ⓜ TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (YELLOW)</p> <p>Ⓝ TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (DASHED)</p> <p>Ⓞ TEMPORARY PAVEMENT MARKING, REMOVABLE, 24 IN. , REMOVABLE, 24"</p>	<p>RECOMMENDED FOR APPROVAL _____</p> <p style="text-align: center;">DESIGN ENGINEER DATE</p> <hr/> <p>DESIGNED: <u>BEH</u> DRAWN: <u>MSS</u></p> <hr/> <p>CHECKED: <u>RDS</u> CHECKED: <u>RDS</u></p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>MAINTENANCE OF TRAFFIC PHASE 2</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>1" = 30'</td> <td>N/A</td> </tr> <tr> <td>VERTICAL SCALE</td> <td>DESIGNATION</td> </tr> <tr> <td>N/A</td> <td>1700091</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEET</td> </tr> <tr> <td></td> <td>17 of 84</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td>R-40742</td> <td>1700091</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1" = 30'	N/A	VERTICAL SCALE	DESIGNATION	N/A	1700091	SURVEY BOOK	SHEET		17 of 84	CONTRACT	PROJECT	R-40742	1700091
HORIZONTAL SCALE	BRIDGE FILE																				
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WORK ZONE DESIGN SPEED = 35 MPH		LEGEND		(51) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (WHITE) (52) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (YELLOW) (53) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (DASHED) (54) TEMPORARY PAVEMENT MARKING, REMOVABLE, 24 IN. , REMOVABLE, 24"
→ TRAFFIC DIRECTION TT CONSTRUCTION SIGN † BARRICADE TYPE III B — LINE REMOVAL • DRUM w/ WARNING LIGHT	AREA OF CONSTRUCTION HMA FOR TEMPORARY PAVEMENT, TYPE C: 165 LB/SYD HMA, SURFACE, TYPE C, ON 495 LB/SYD HMA, INTERMEDIATE, TYPE C, ON SUBGRADE TREATMENT, TYPE II TEMPORARY TRAFFIC BARRIER, TYPE 2			

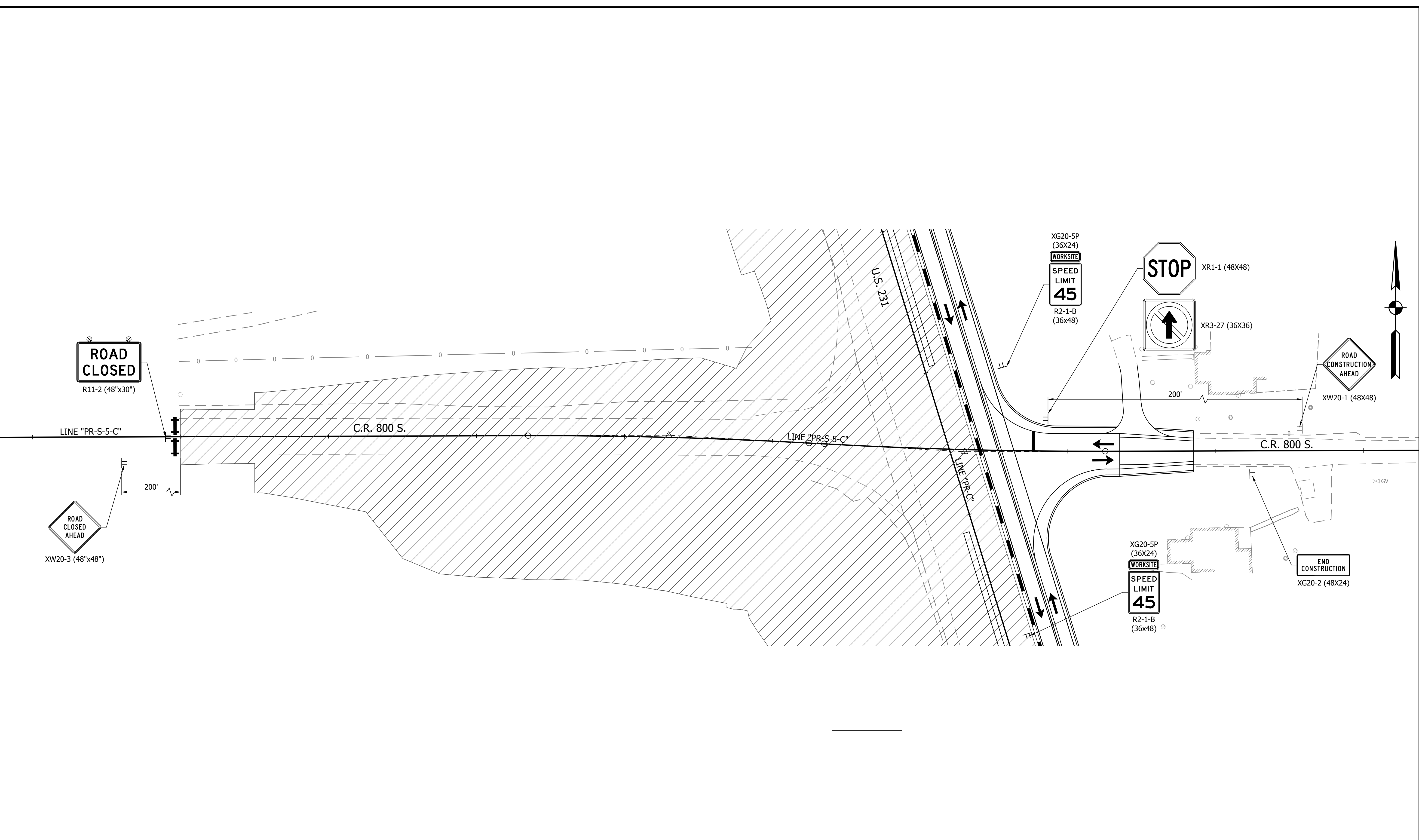
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INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 2

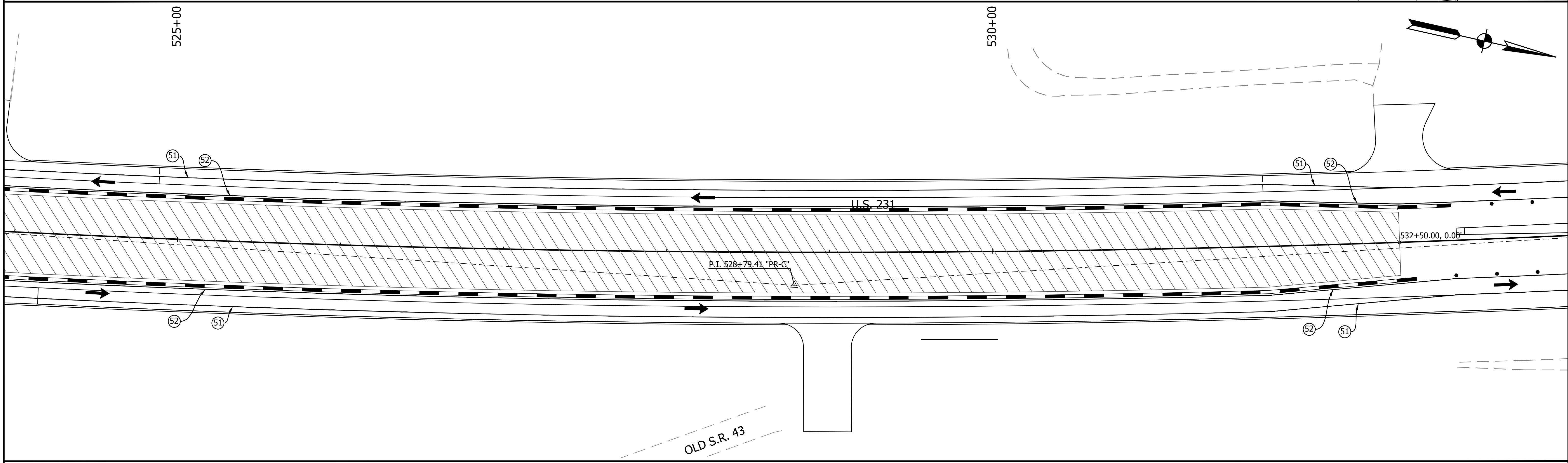
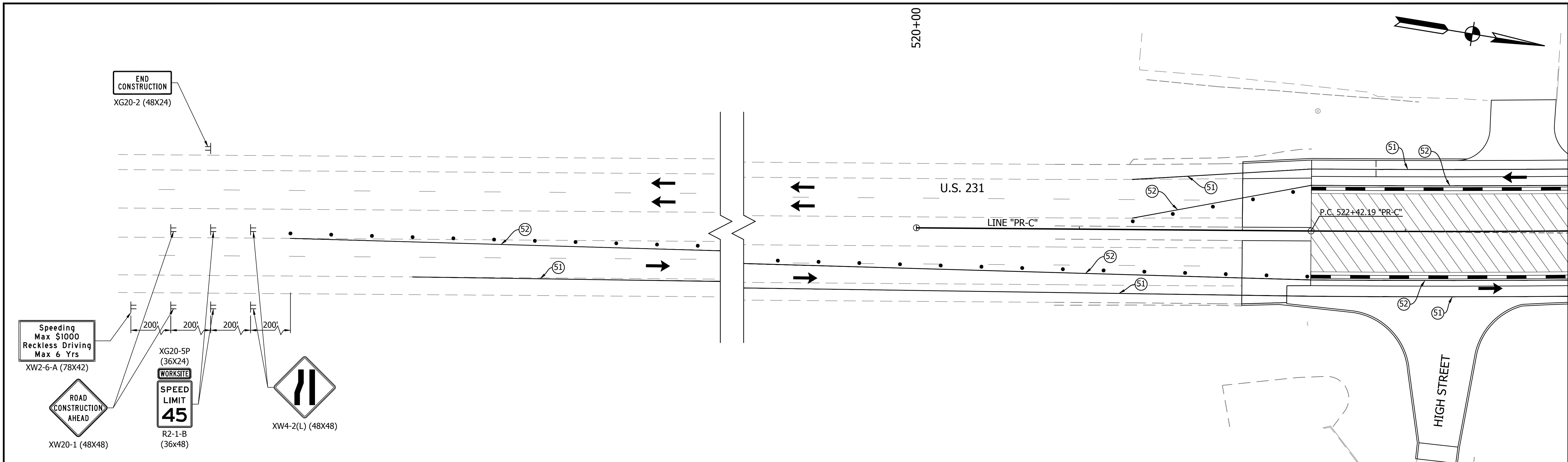
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1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700091
SURVEY BOOK	SHEET
	18 of 84
CONTRACT	PROJECT
R-40742	1700091

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WORK ZONE DESIGN SPEED = 35 MPH		LEGEND		(51) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (WHITE) (52) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (YELLOW) (53) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (DASHED) (54) TEMPORARY PAVEMENT MARKING, REMOVABLE, 24 IN. , REMOVABLE, 24"
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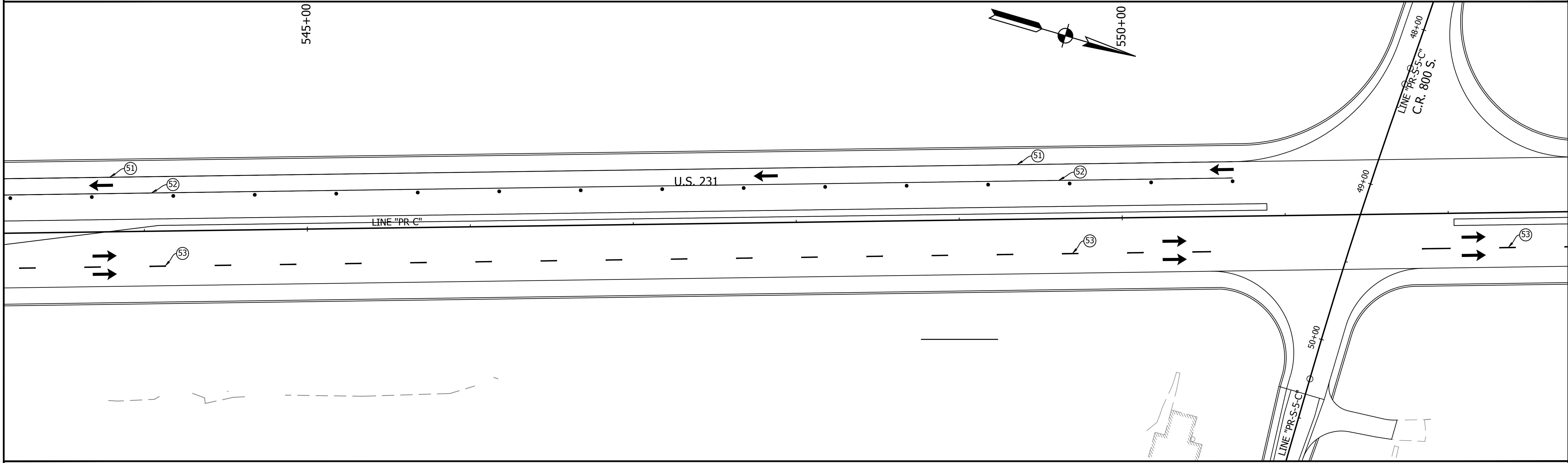
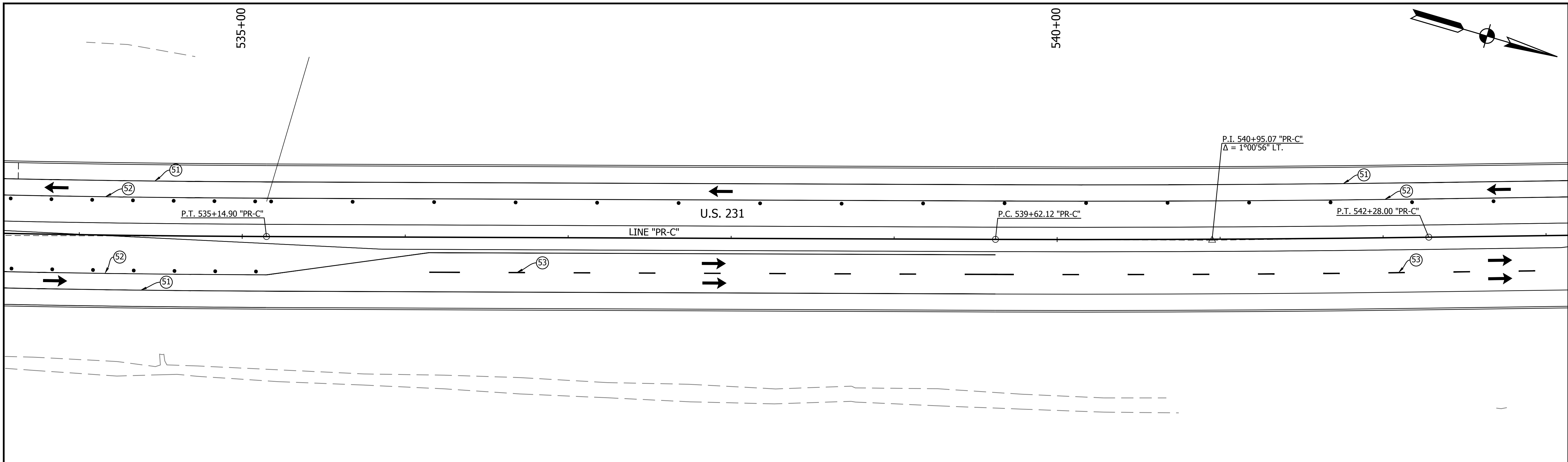
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BEH	DRAWN: MSS	
CHECKED: RDS	CHECKED: RDS	

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 3

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700091
SURVEY BOOK	SHEET
	20 of 84
CONTRACT	PROJECT
R-40742	1700091

PRINT DATE: 11/25/20
 PLOT SCALE: 1:1
 EDIT DATE: 11/25/20 - 7:33 AM
 EDITED BY: MNURRAY
 DRAWING FILE: P:\19-500-057-1 US 231 AT LACADUS MOTOR-NOI-PH3-LUS231.DWG



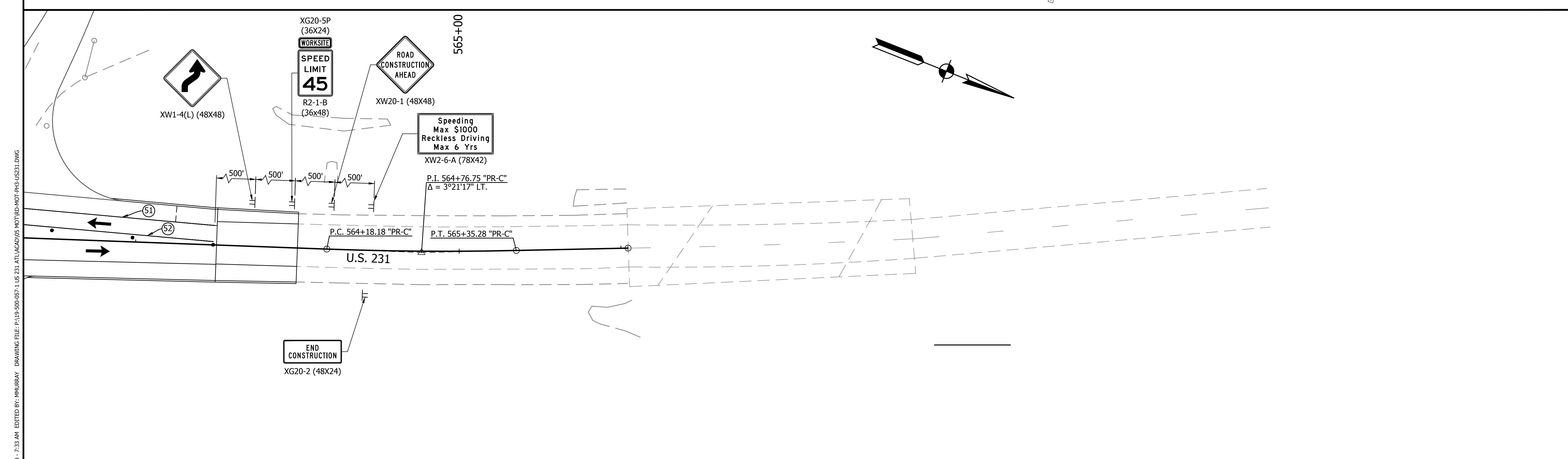
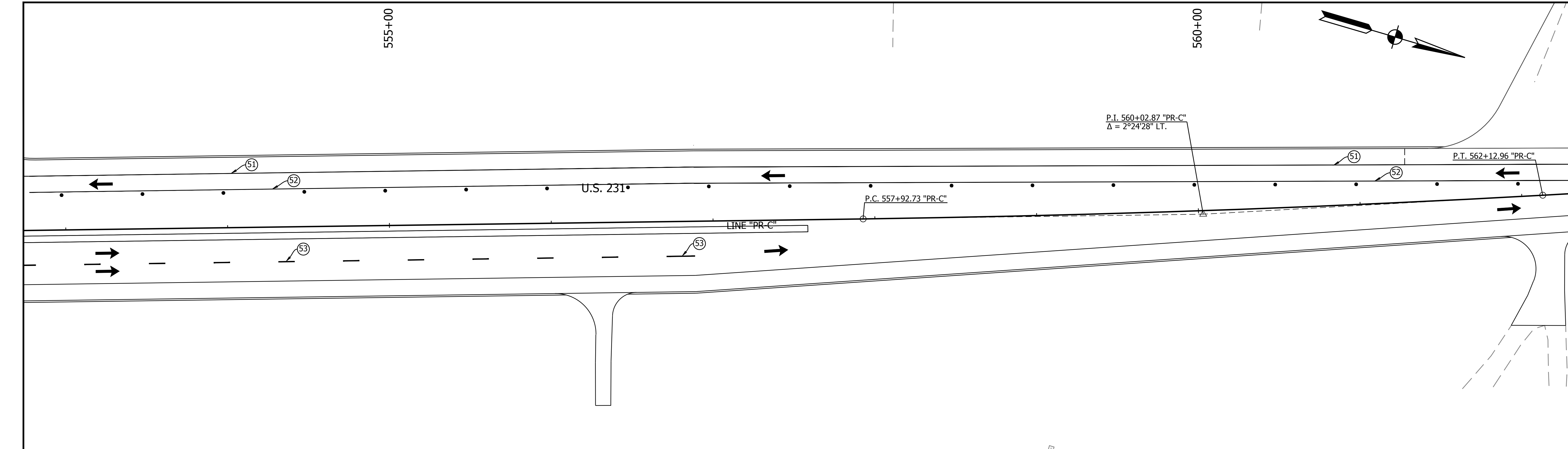
WORK ZONE DESIGN SPEED = 35 MPH TRAFFIC DIRECTION CONSTRUCTION SIGN BARRICADE TYPE III B LINE REMOVAL DRUM w/ WARNING LIGHT		LEGEND AREA OF CONSTRUCTION HMA FOR TEMPORARY PAVEMENT, TYPE C: 165 LB/SYD HMA, SURFACE, TYPE C, ON 495 LB/SYD HMA, INTERMEDIATE, TYPE C, ON SUBGRADE TREATMENT, TYPE II TEMPORARY TRAFFIC BARRIER, TYPE 2		TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (WHITE) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (YELLOW) TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (DASHED) TEMPORARY PAVEMENT MARKING, REMOVABLE, 24 IN. , REMOVABLE, 24"	
--	--	---	--	--	--

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: <u>BEH</u>	DRAWN: <u>MSS</u>	
CHECKED: <u>RDS</u>	CHECKED: <u>RDS</u>	

INDIANA
 DEPARTMENT OF TRANSPORTATION

 MAINTENANCE OF TRAFFIC
 PHASE 3

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700091
SURVEY BOOK	SHEET
	21 of 84
CONTRACT	PROJECT
R-40742	1700091



PRINT DATE: 11/25/20
 PLOT SCALE: 1:1
 EDITOR: MMURRAY
 DRAWING FILE: P:\19-500-057-1 US 231 AT LACADUS MOT RD-NOT-PRJ-US231.DWG
 EDITED BY: MMURRAY
 DATE: 11/25/20 - 7:33 AM

WORK ZONE DESIGN SPEED = 35 MPH		LEGEND		⑤1	TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (WHITE)
→	TRAFFIC DIRECTION		AREA OF CONSTRUCTION	⑤2	TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (YELLOW)
TT	CONSTRUCTION SIGN		HMA FOR TEMPORARY PAVEMENT, TYPE C: 165 LB/SYD HMA, SURFACE, TYPE C, ON	⑤3	TEMPORARY PAVEMENT MARKING, REMOVABLE, 4 IN. (DASHED)
+	BARRICADE TYPE III B		495 LB/SYD HMA, INTERMEDIATE, TYPE C, ON	⑤4	TEMPORARY PAVEMENT MARKING, REMOVABLE, 24 IN. , REMOVABLE, 24"
—	LINE REMOVAL		SUBGRADE TREATMENT, TYPE II		
•	DRUM w/ WARNING LIGHT		TEMPORARY TRAFFIC BARRIER, TYPE 2		

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: <u>BEH</u>	DRAWN: <u>MSS</u>	
CHECKED: <u>RDS</u>	CHECKED: <u>RDS</u>	

INDIANA
DEPARTMENT OF TRANSPORTATION

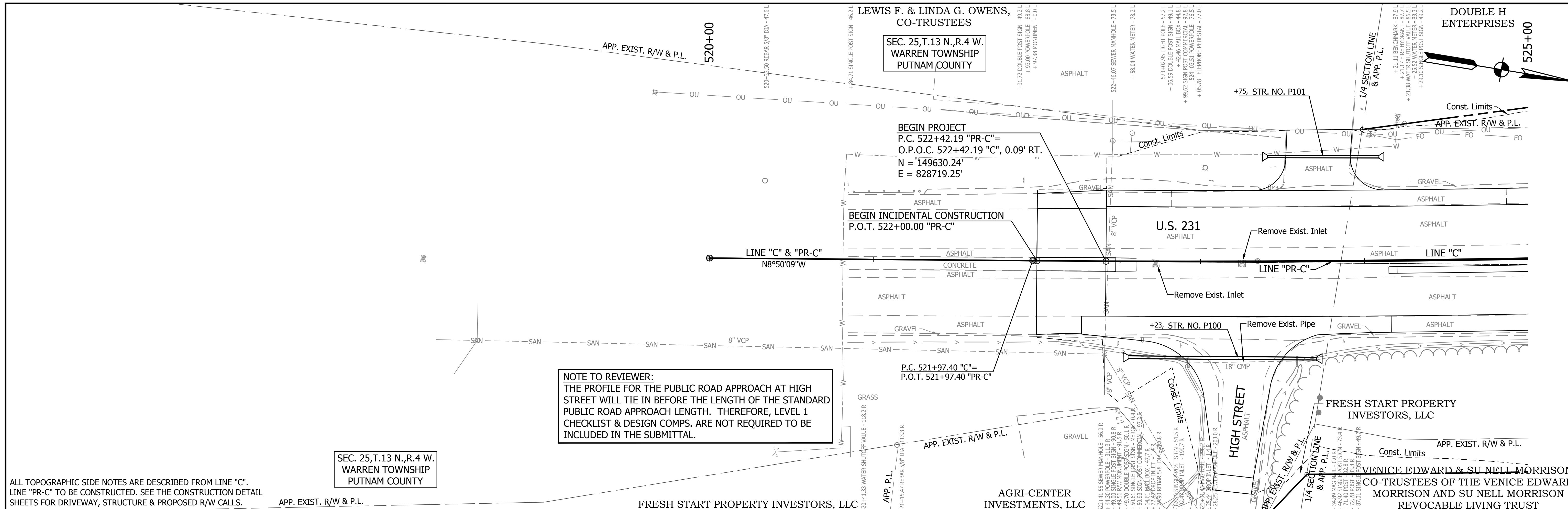
MAINTENANCE OF TRAFFIC
PHASE 3

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700091
SURVEY BOOK	SHEET
	22 of 84
CONTRACT	PROJECT
R-40742	1700091

MAINTENANCE OF TRAFFIC SUMMARY TABLE					
	Phase I	Phase IB	Phase II	Phase III	Quantity
Construction Sign, Type A	16	23	18	12	23
Construction Sign, Type B	8	10	9	5	10
Type III-B Barricade	48 Ft.	84 Ft.	24 Ft.		84 Ft.
Fixed Temporary Signal		3			3
Temporary Traffic Barrier, Type 2	2284 Ft.	2284 Ft.	2389 Ft.	2058 Ft.	2389 Ft.
Temporary Pavement Marking, Removable, 4 IN. (White)	9676 Ft.	7062 Ft.	9511 Ft.	6528 Ft.	32777 Ft.
Temporary Pavement Marking, Removable, 4 IN. (Yellow)	8681 Ft.	3886 Ft.	9368 Ft.	6259 Ft.	28194 Ft.
Temporary Pavement Marking, Removable, 24 IN. (White)		38 Ft.	13 Ft.		51 Ft.
Liquid Asphalt Sealant	1760 Ft.				1760 Ft.
Joint Adhesive, Surface	1760 Ft.				1760 Ft.
Joint Adhesive, Intermediate	1760 Ft.				1760 Ft.
Asphalt for Tack Coat	1 Ton.				1 Ton.
Subgrade Treatment Type II	1241 Sys.				1241 Sys.
HMA for Temporary Pavement, Type C	410 Ton.				410 Ton.
Excavation, Common	311 Cys.		178 Cys.		489 Cys.
Portable Changeable Message Sign					2
Flashing Arrow Sign					100 Day
Next Level Signs (Construction Sign, Type C)					2

PRINT DATE: 11/25/20
 PLOT SCALE: 1:1000
 EDIT DATE: 11/24/20 - 4:05 PM
 EDITED BY: YZHU
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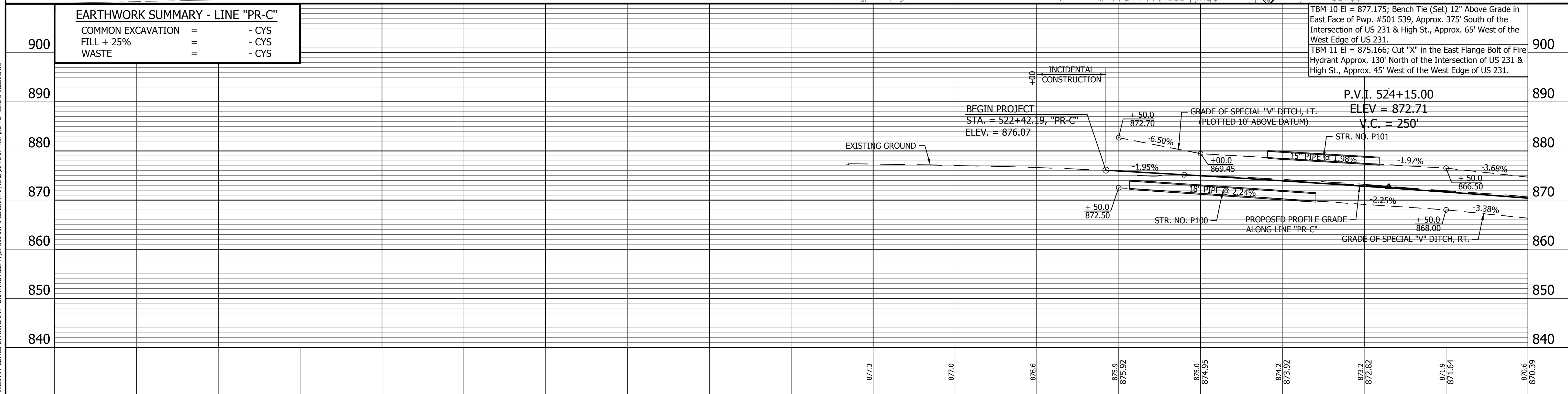
		RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 30'	BRIDGE FILE N/A
		DESIGNED: <u>BEH</u>		DRAWN: <u>MSS</u>	VERTICAL SCALE N/A
		CHECKED: <u>RDS</u>	CHECKED: <u>RDS</u>	MAINTENANCE OF TRAFFIC SUMMARY TABLE	
				SURVEY BOOK	SHEET 23 of 84
				CONTRACT R-40742	PROJECT 1700091



NOTE TO REVIEWER:
 THE PROFILE FOR THE PUBLIC ROAD APPROACH AT HIGH STREET WILL TIE IN BEFORE THE LENGTH OF THE STANDARD PUBLIC ROAD APPROACH LENGTH. THEREFORE, LEVEL 1 CHECKLIST & DESIGN COMPS. ARE NOT REQUIRED TO BE INCLUDED IN THE SUBMITTAL.

SEC. 25,T.13 N.,R.4 W.
 WARREN TOWNSHIP
 PUTNAM COUNTY

ALL TOPOGRAPHIC SIDE NOTES ARE DESCRIBED FROM LINE "C".
 LINE "PR-C" TO BE CONSTRUCTED. SEE THE CONSTRUCTION DETAIL SHEETS FOR DRIVEWAY, STRUCTURE & PROPOSED R/W CALLS.



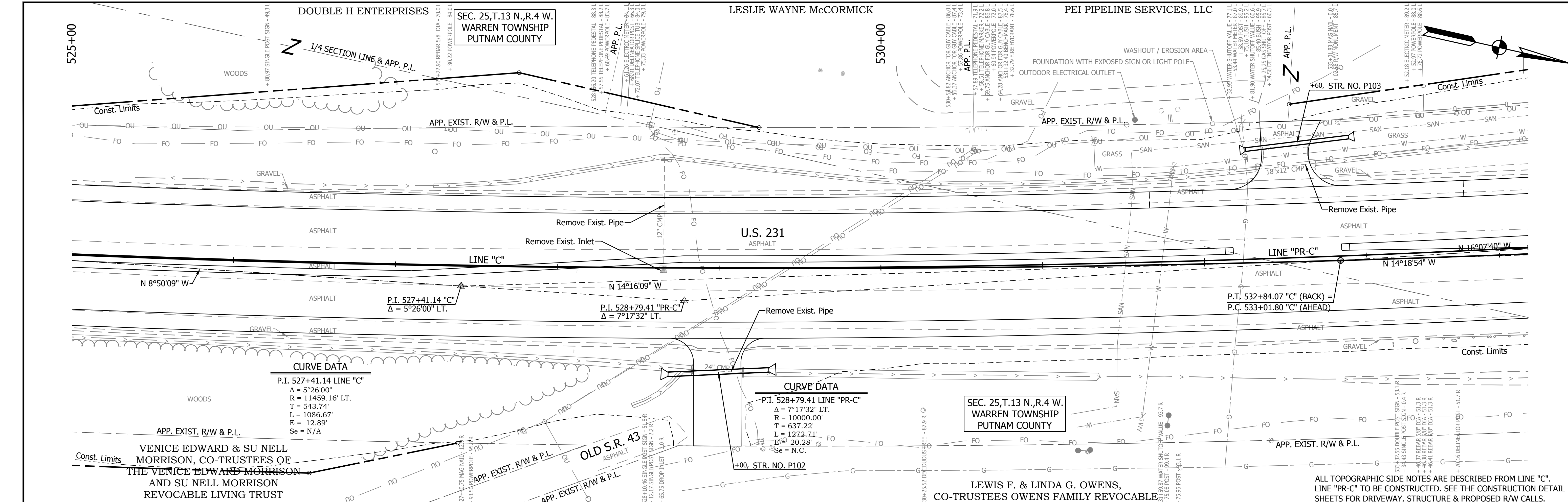
EARTHWORK SUMMARY - LINE "PR-C"

COMMON EXCAVATION	=	- CYS
FILL + 25%	=	- CYS
WASTE	=	- CYS

TBM 10 El = 877.175; Bench Tie (Set) 12" Above Grade in East Face of Pwp. #501 539, Approx. 375' South of the Intersection of US 231 & High St., Approx. 65' West of the West Edge of US 231.
 TBM 11 El = 875.166; Cut "X" in the East Flange Bolt of Fire Hydrant Approx. 130' North of the Intersection of US 231 & High St., Approx. 45' West of the West Edge of US 231.

516+00	517+00	518+00	519+00	520+00	521+00	522+00	523+00	524+00	525+00	
<p>RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____</p> <p>DESIGNED: <u>RDS</u> DRAWN: <u>MSS</u></p> <p>CHECKED: <u>LLC</u> CHECKED: <u>RDS</u></p>						<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>PLAN AND PROFILE LINE "PR-C"</p>			<p>HORIZONTAL SCALE 1" = 30'</p> <p>VERTICAL SCALE 1" = 10'</p> <p>SURVEY BOOK _____ SHEET 24 of 84</p> <p>CONTRACT R-40742 PROJECT 1700091</p>	

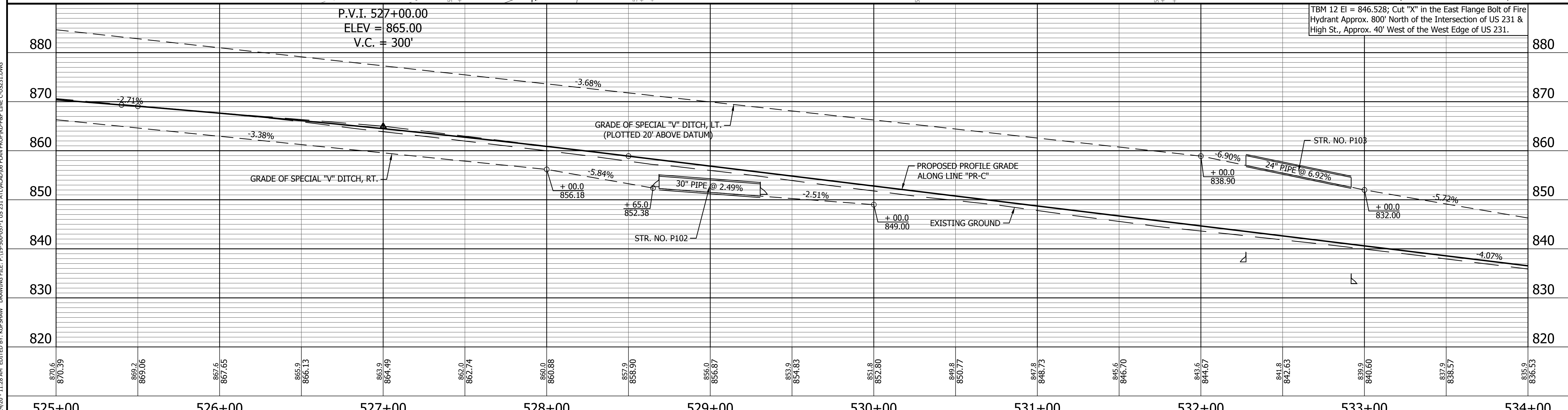
PRINT DATE: 11/25/20 PLOT SCALE: 1:1002.00 DRAWING FILE: P:\19-500-057-1 US 231 AT LACAD\06 PLAN PROF-RD-P&P-LINE C\US231.DWG EDITED BY: KUPSHAW 11/24/20 11:28 AM



CURVE DATA
 P.I. 527+41.14 LINE "C"
 $\Delta = 5^{\circ}26'00"$
 $R = 11459.16'$ LT.
 $T = 543.74'$
 $L = 1086.67'$
 $E = 12.89'$
 $Se = N/A$

CURVE DATA
 P.I. 528+79.41 LINE "PR-C"
 $\Delta = 7^{\circ}17'32"$ LT.
 $R = 10000.00'$
 $T = 637.22'$
 $L = 1272.71'$
 $E = 20.28'$
 $Se = N.C.$

ALL TOPOGRAPHIC SIDE NOTES ARE DESCRIBED FROM LINE "C".
 LINE "PR-C" TO BE CONSTRUCTED. SEE THE CONSTRUCTION DETAIL SHEETS FOR DRIVEWAY, STRUCTURE & PROPOSED R/W CALLS.



TBM 12 El = 846.528; Cut "X" in the East Flange Bolt of Fire Hydrant Approx. 800' North of the Intersection of US 231 & High St., Approx. 40' West of the West Edge of US 231.

PRINT DATE: 11/25/20
 PLOT SCALE: 1:1000
 DRAWING FILE: P:\19-500-057-1 US 231 AT LACAD06 PLAN PROF-RD-P8P-LINE CUS231.DWG
 EDITOR: KUPSHAW
 DATE: 11/24/20 11:28 AM
 FILE: P:\19-500-057-1 US 231 AT LACAD06 PLAN PROF-RD-P8P-LINE CUS231.DWG

<p>RECOMMENDED FOR APPROVAL _____</p> <p>DESIGNED: <u>RDS</u> DRAWN: <u>MSS</u></p> <p>CHECKED: <u>LLC</u> CHECKED: <u>RDS</u></p>	<p>DESIGN ENGINEER _____</p> <p>DATE _____</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>PLAN AND PROFILE LINE "PR-C"</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>1" = 30'</td> <td>N/A</td> </tr> <tr> <td>VERTICAL SCALE</td> <td>DESIGNATION</td> </tr> <tr> <td>1" = 10'</td> <td>1700091</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEET</td> </tr> <tr> <td></td> <td>25 of 84</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td>R-40742</td> <td>1700091</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1" = 30'	N/A	VERTICAL SCALE	DESIGNATION	1" = 10'	1700091	SURVEY BOOK	SHEET		25 of 84	CONTRACT	PROJECT	R-40742	1700091
HORIZONTAL SCALE	BRIDGE FILE																		
1" = 30'	N/A																		
VERTICAL SCALE	DESIGNATION																		
1" = 10'	1700091																		
SURVEY BOOK	SHEET																		
	25 of 84																		
CONTRACT	PROJECT																		
R-40742	1700091																		

A = SE Corner of Inlet Gate 124.07' Az=54°

B = W Side of "Do Not Pass" Sign Post 72.20' Az=339°

C = NW Corner of "Do Not Pass" Sign Post 80.15' Az=30°

Point falls in Yellow Line of NB U.S. 231

MAG Nail Set

P.I. 527+41.14 "C"

A = SW Corner of Conc. ground level 160.57' Az=251°

B = S Center of Corner Fence Post 100.71' Az=294°

C = W Side "Two-Way Traffic" Sign Post 32.45' Az=302°

D = NW Corner of West Post of Two-Way Traffic Sign 60.17' Az=29°

MAG Nail Set

P.T. 532+84.07 "C"(BACK) = P.C. 533+01.80 "C"(AHEAD)

U.S. 231 NB

U.S. 231 SB

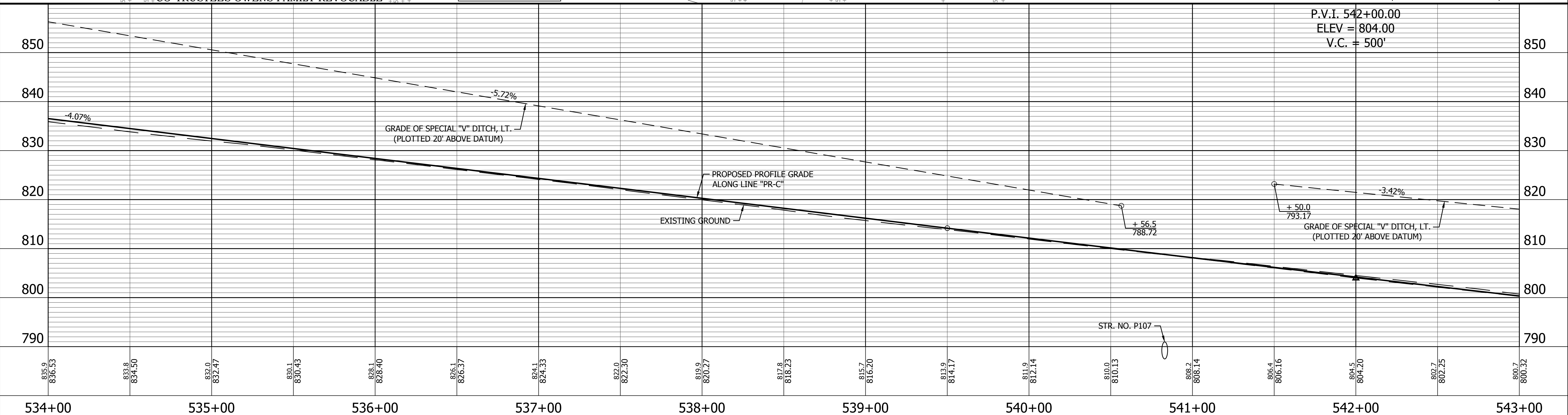
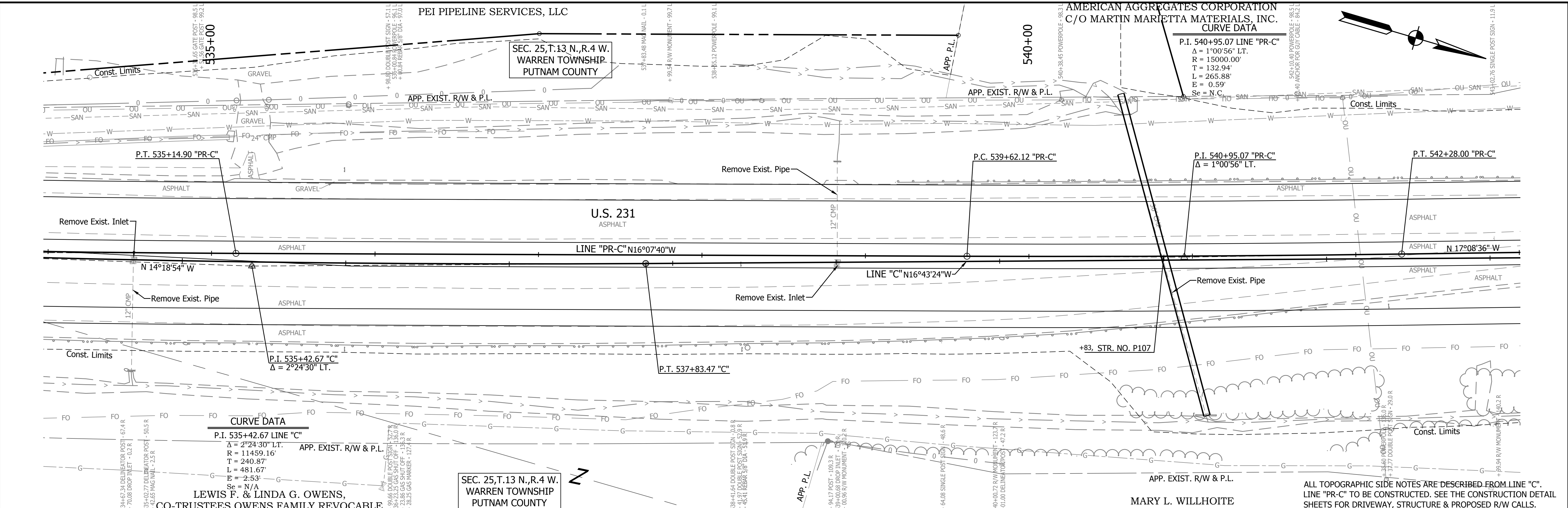
U.S. 231 NB

U.S. 231 SB

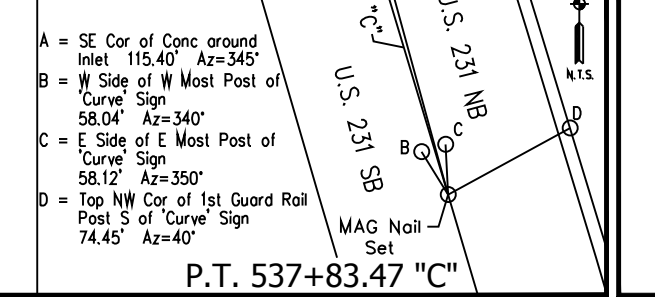
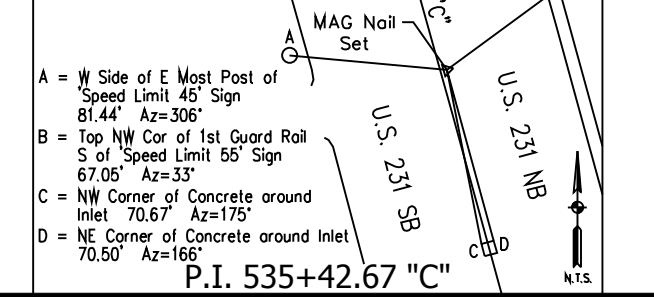
U.S. 231 NB

U.S. 231 SB

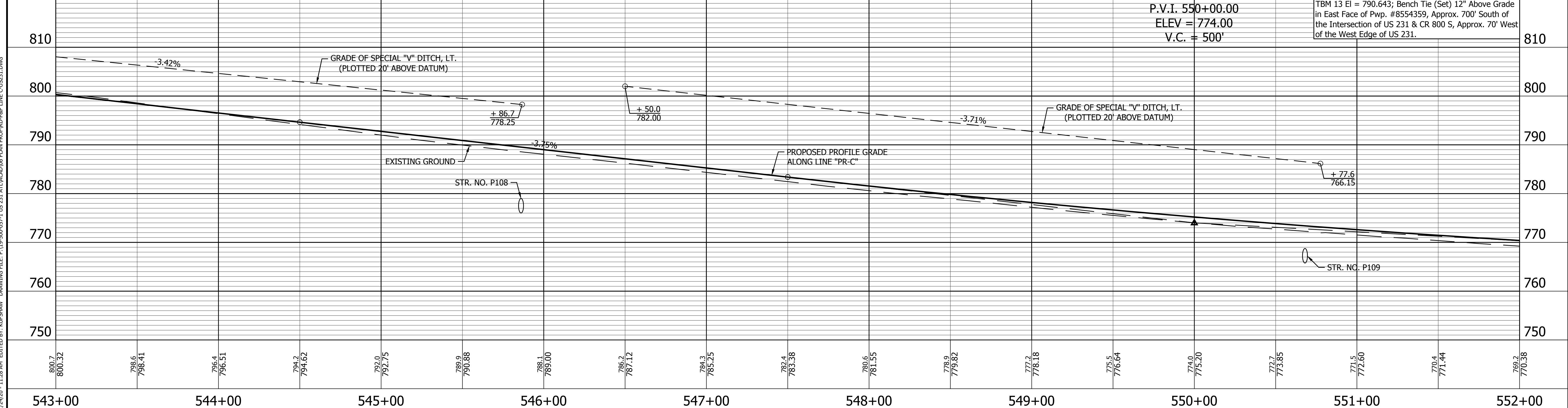
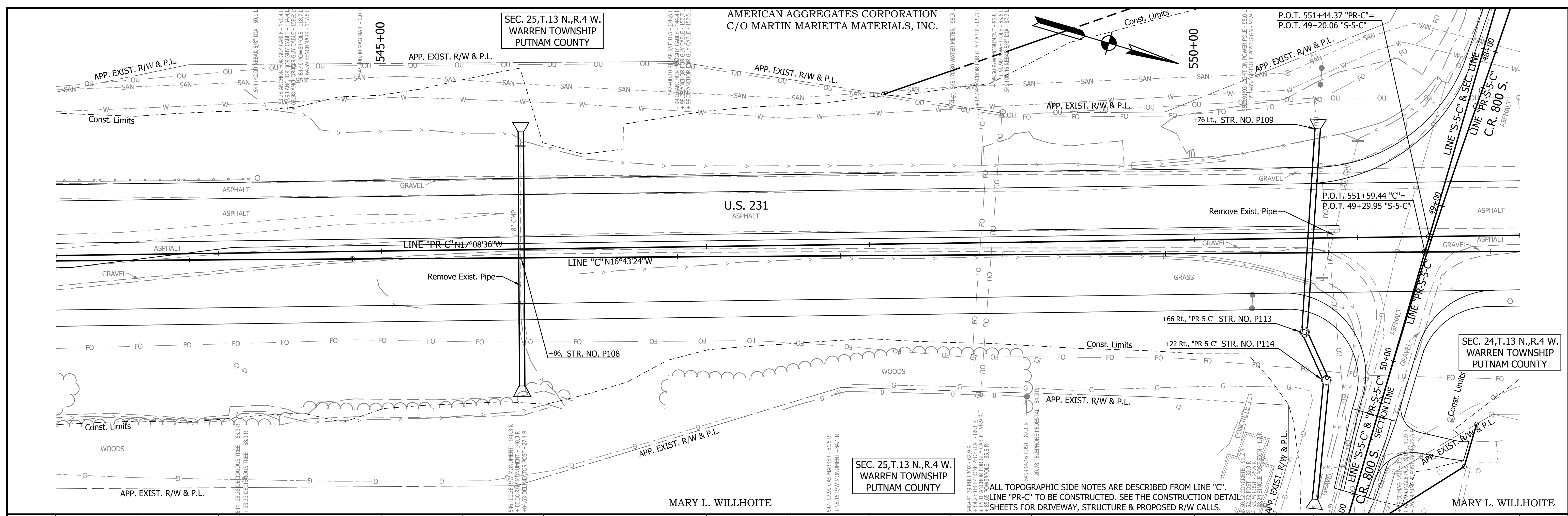
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 EDITED BY: KUPSHAW



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: <u>RDS</u> DRAWN: <u>MSS</u>				1" = 30'	N/A
CHECKED: <u>LLC</u> CHECKED: <u>RDS</u>		PLAN AND PROFILE LINE "PR-C"		VERTICAL SCALE	DESIGNATION
				1" = 10'	1700091
				SURVEY BOOK	SHEET
				R-40742	26 of 84
				CONTRACT	PROJECT
					1700091



PRINT DATE: 11/25/20
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 DRAWING FILE: P:\19-500-057-1 US 231 AT\ACAD\06 PLAN PROF\RD-P&P\LINE CUS231.DWG
 EDIT DATE: 11/24/20 11:28 AM
 EDITED BY: KUPSHAW



<p> A = Top Center of 16" CMP 108.45' Az=3° B = Edge of Asphalt Shoulder U.S. Az=90° C = NE Corner of "Keep Right" Sign Post 197.97' Az=183° D = Top SW Corner of N Most Guard Rail Post 80.55' Az=210° </p> <p>P.O.T. 545+00.00 "C"</p>	<p> C.R. 800 S Line "S-5-C" MAG Nail Set A = E Side of Reflector Post 73.90' Az=32° B = SE Corner of "Stop" Sign Post 21.44' Az=48° C = SW Corner Speed Limit 55 Sign 101.60' Az=155° D = SW Cor of W Most Post of Cloverdale RV Park Sign 109.88' Az=155° </p> <p>P.O.T. 551+59.44 "C" P.O.T. 49+29.95 "S-5-C"</p>	<p>RECOMMENDED FOR APPROVAL</p> <p style="text-align: center;">DESIGN ENGINEER DATE</p> <p>DESIGNED: RDS DRAWN: MSS</p> <p>CHECKED: LLC CHECKED: RDS</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>PLAN AND PROFILE LINE "PR-C"</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>1" = 30'</td> <td>N/A</td> </tr> <tr> <td>VERTICAL SCALE</td> <td>DESIGNATION</td> </tr> <tr> <td>1" = 10'</td> <td>1700091</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEET</td> </tr> <tr> <td></td> <td>27 of 84</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td>R-40742</td> <td>1700091</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1" = 30'	N/A	VERTICAL SCALE	DESIGNATION	1" = 10'	1700091	SURVEY BOOK	SHEET		27 of 84	CONTRACT	PROJECT	R-40742	1700091
HORIZONTAL SCALE	BRIDGE FILE																			
1" = 30'	N/A																			
VERTICAL SCALE	DESIGNATION																			
1" = 10'	1700091																			
SURVEY BOOK	SHEET																			
	27 of 84																			
CONTRACT	PROJECT																			
R-40742	1700091																			

POET BIOREFINING-CLOVERDALE, LLC

NOTE TO REVIEWER:
THIS SECTION WILL BE A "RIGHT TURN ONLY".

SEC. 24, T.13 N., R.4 W.
WARREN TOWNSHIP
PUTNAM COUNTY

CURVE DATA

P.I. 560+02.87 "PR-C"
 $\Delta = 2^{\circ}24'28"$ LT.
R = 10000.00'
T = 210.15'
L = 420.23'
E = 2.21'
Se = N.C.

P.I. 560+02.87 "PR-C"
 $\Delta = 2^{\circ}24'28"$ LT.

U.S. 231
ASPHALT

P.C. 557+92.73 "PR-C"

LINE "PR-C" N17°08'36"W

LINE "C" N16°43'24"W

N 19°33'04" W

Remove Exist. Pipe

+31, STR. NO. P110

SEC. 24, T.13 N., R.4 W.
WARREN TOWNSHIP
PUTNAM COUNTY

MARY L. WILLHOITE

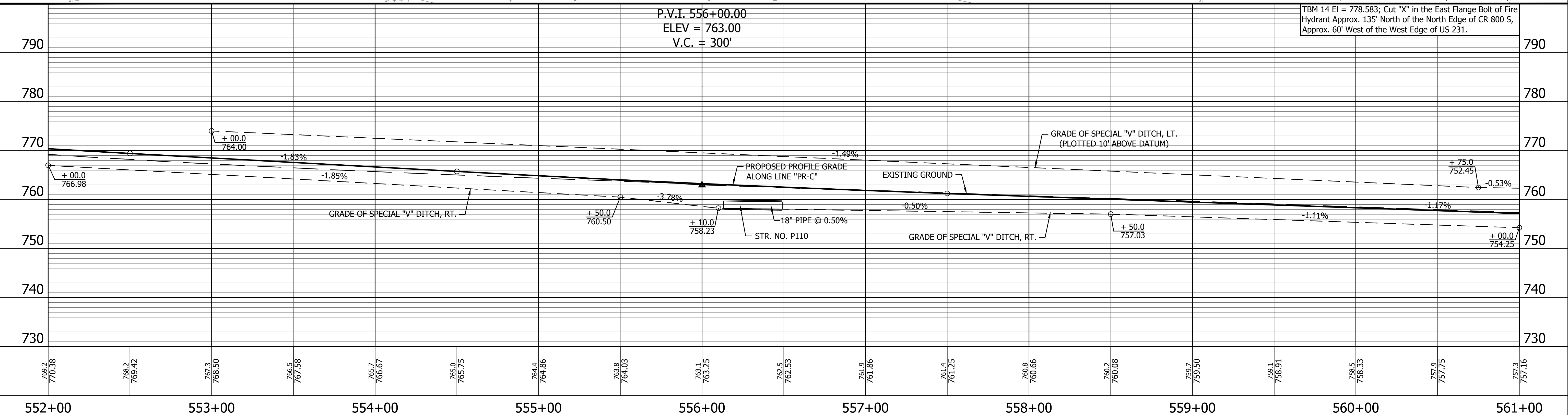
VACATED STATE ROAD

KATHY & DARRELL JORDAN

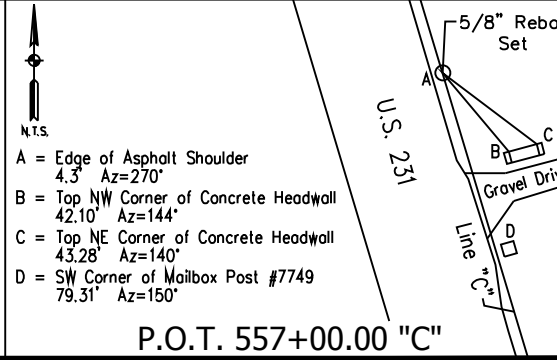
ALL TOPOGRAPHIC SIDE NOTES ARE DESCRIBED FROM LINE "C".
LINE "PR-C" TO BE CONSTRUCTED. SEE THE CONSTRUCTION DETAIL SHEETS FOR DRIVEWAY, STRUCTURE & PROPOSED R/W CALLS.

P.V.I. 556+00.00
ELEV = 763.00
V.C. = 300'

TBM 14 El = 778.583; Cut "X" in the East Flange Bolt of Fire Hydrant Approx. 135' North of the North Edge of CR 800 S, Approx. 60' West of the West Edge of US 231.



PRINT DATE: 11/25/20
PLOT SCALE: 1:1002
DRAWING FILE: P:\19-500-057-1 US 231 ATLACAD\06 PLAN PROF\RD-P&P-LINE CUS231.DWG
EDIT DATE: 11/24/20 11:28 AM
EDITED BY: KUPSHAW

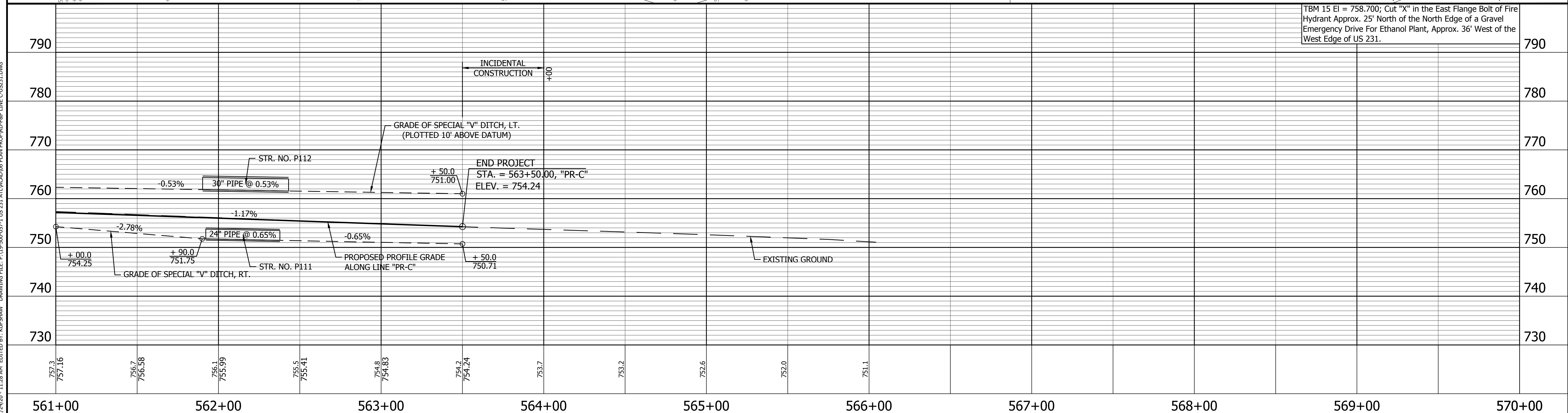
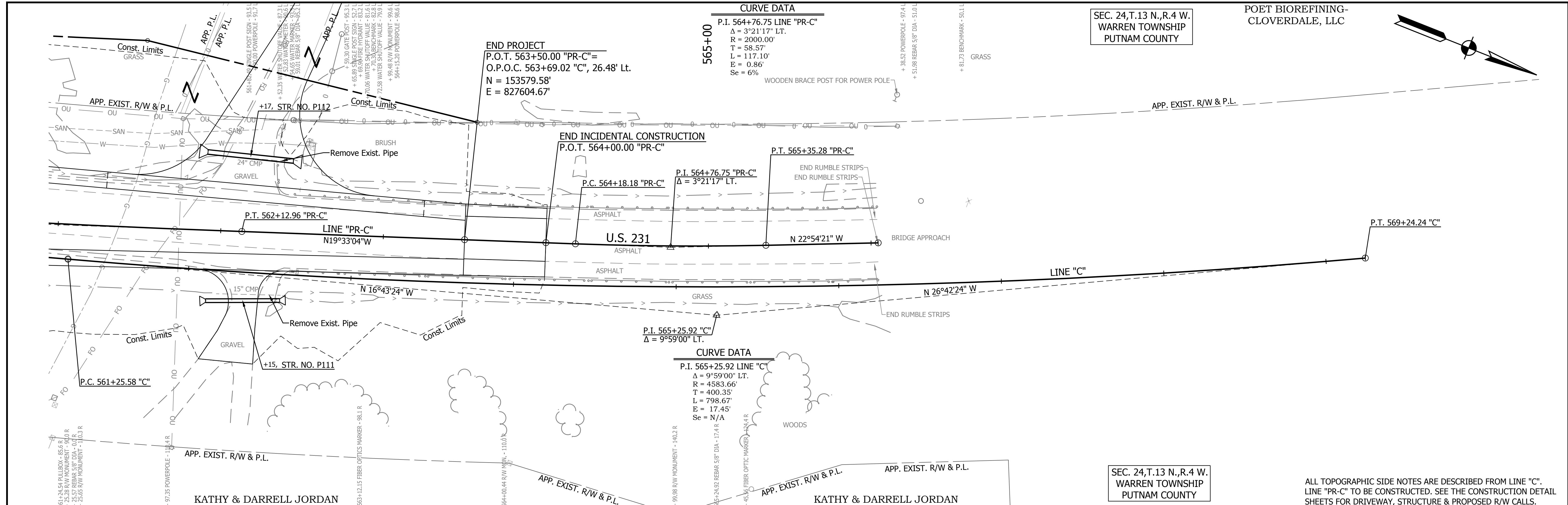
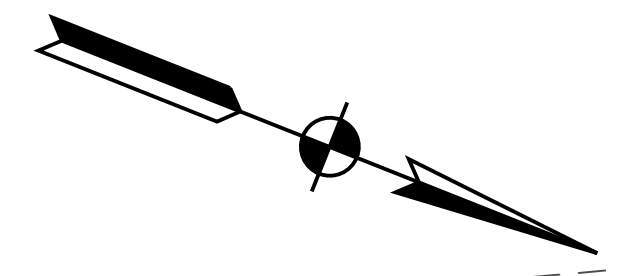


RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: RDS	DRAWN: MSS		
CHECKED: LLC	CHECKED: RDS		

INDIANA
DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE
LINE "PR-C"**

HORIZONTAL SCALE 1" = 30'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION 1700091
SURVEY BOOK	SHEET 28 of 84
CONTRACT R-40742	PROJECT 1700091



ALL TOPOGRAPHIC SIDE NOTES ARE DESCRIBED FROM LINE "C".
LINE "PR-C" TO BE CONSTRUCTED. SEE THE CONSTRUCTION DETAIL SHEETS FOR DRIVEWAY, STRUCTURE & PROPOSED R/W CALLS.

TBM 15 El = 758.700; Cut "X" in the East Flange Bolt of Fire Hydrant Approx. 25' North of the North Edge of a Gravel Emergency Drive For Ethanol Plant, Approx. 36' West of the West Edge of US 231.

	561+00	562+00	563+00	564+00	565+00	566+00	567+00	568+00	569+00	570+00
A = MAG Nail in E Face of 1st Guard Rail Post S of Mailbox #7857 136.36' Az=346° B = MAG Nail in W Face of Guard Rail Post 129.87' Az=356° C = Top Center of 18" CMP 93.77' Az=302° D = Edge of Asphalt Shoulder 5.3' Az=270°							RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION PLAN AND PROFILE LINE "PR-C"	
									HORIZONTAL SCALE 1" = 30' VERTICAL SCALE 1" = 10' SURVEY BOOK _____ SHEET 29 of 84 CONTRACT R-40742 PROJECT 1700091	

PRINT DATE: 11/25/20
 PLOT SCALE: 1:1000
 DRAWING FILE: P:\19-500-057-1 US 231 AT\ACAD\06 PLAN PROF\RD-P&P- LINE CUS231.DWG
 EDITED BY: KUPSHAW
 DATE: 11/24/20 11:28 AM

SEC. 24, T.13 N., R.4 W.
WARREN TOWNSHIP
PUTNAM COUNTY

POET BIOREFINING-CLOVERDALE, LLC

40+00

45+00

APP. EXIST. R/W & P.L.

LINE "PR-S-5-C" N89°49'39"E

SECTION LINE

LINE "S-5-C" N89°49'39"E
APP. EXIST. R/W & P.L.

LINE "PR-S-5-C" N89°49'39"E
C.R. 800 S.
ASPHALT

BEGIN INCIDENTAL CONSTRUCTION
P.O.T. 44+00.00 "PR-S-5-C"

BEGIN CONSTRUCTION
P.O.T. 44+50.00 "PR-S-5-C" =
O.P.O.T. 44+50.00 "S-5-C", 11.71' Lt.
N = 152442.34'
E = 827503.81'

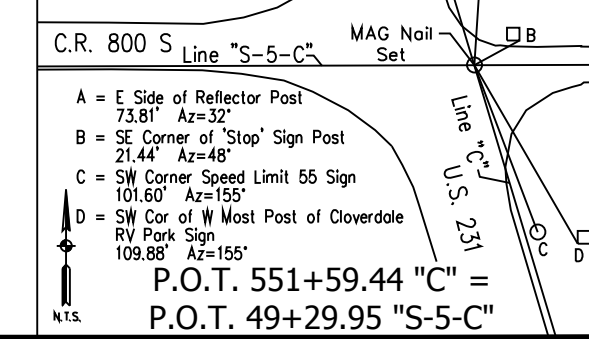
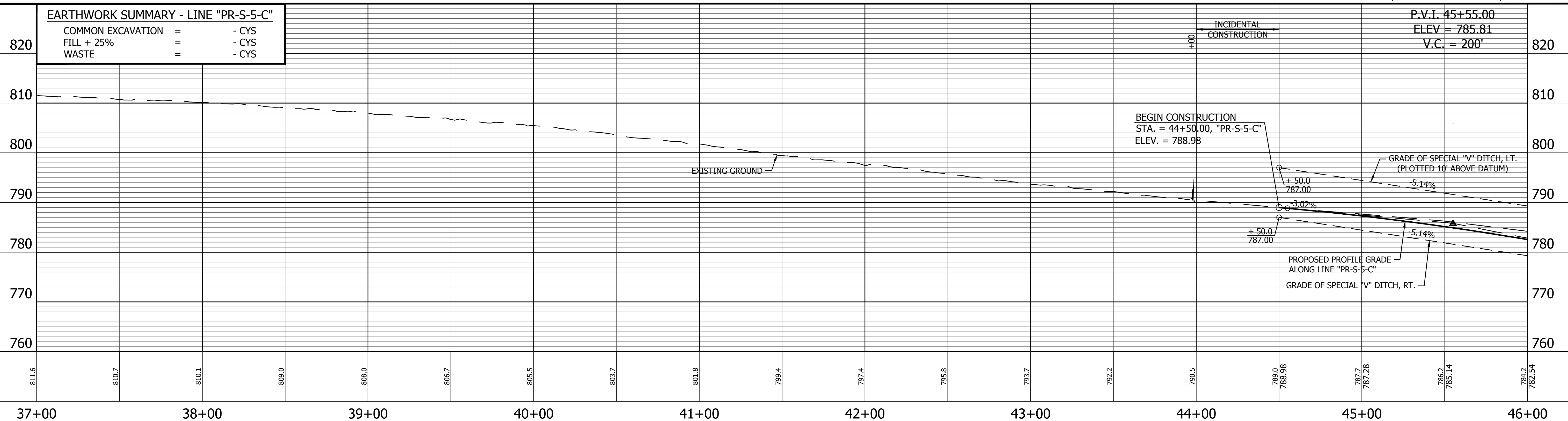
SEC. 25, T.13 N., R.4 W.
WARREN TOWNSHIP
PUTNAM COUNTY

AMERICAN AGGREGATES CORPORATION
C/O MARTIN MARIETTA MATERIALS, INC.

ALL TOPOGRAPHIC SIDE NOTES ARE DESCRIBED FROM LINE "S-5-C".
LINE "PR-S-5-C" TO BE CONSTRUCTED. SEE THE CONSTRUCTION DETAIL
SHEETS FOR DRIVEWAY, STRUCTURE & PROPOSED R/W CALLS.

EARTHWORK SUMMARY - LINE "PR-S-5-C"

COMMON EXCAVATION	=	- CYS
FILL + 25%	=	- CYS
WASTE	=	- CYS



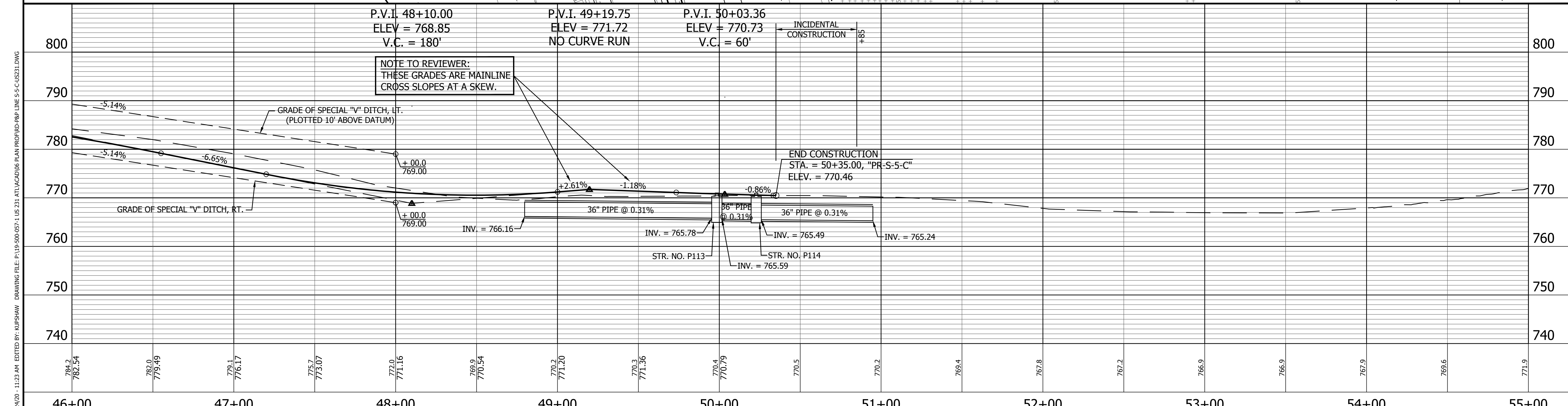
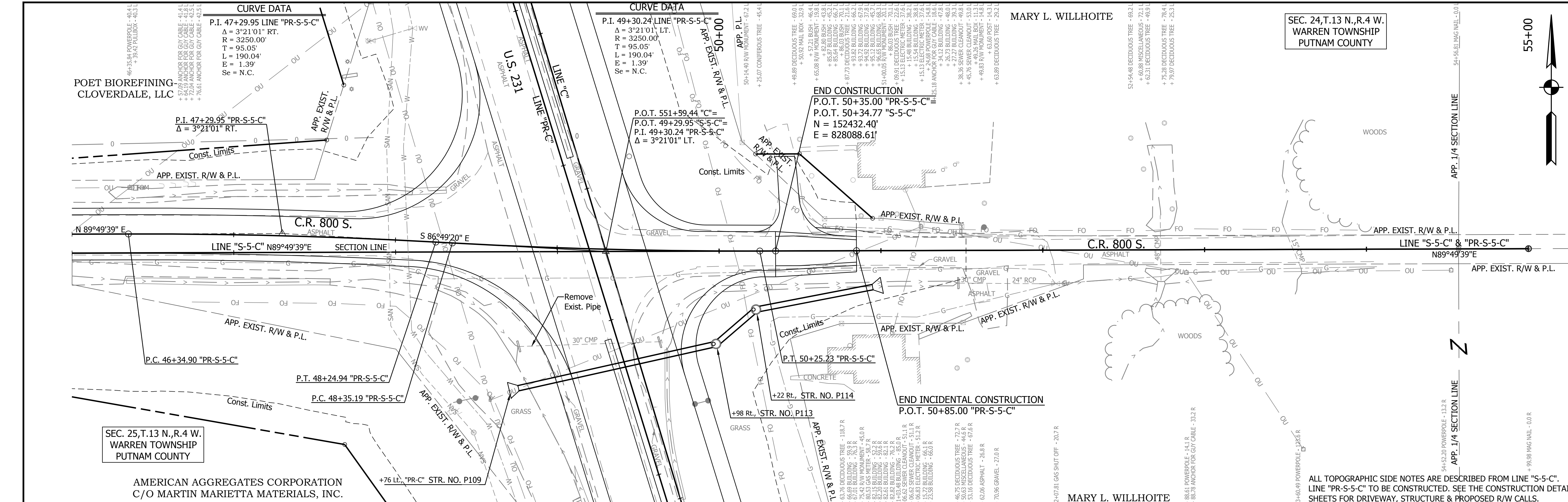
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: <u>RDS</u>	DRAWN: <u>MSS</u>	
CHECKED: <u>LLC</u>	CHECKED: <u>RDS</u>	

INDIANA
DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE
LINE "PR-S-5-C"**

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1700091
SURVEY BOOK	SHEET
	30 of 84
CONTRACT	PROJECT
R-40742	1700091

PRINT DATE: 11/25/20
 PLOT SCALE: 1:1000
 DRAWING FILE: P:\19-500-057-1 US 231 ATLACAD\06 PLAN PROF\RD-P&P\LINE S-5-C-US231.DWG
 EDIT DATE: 11/24/20 11:23 AM
 EDITED BY: KUPSHAW



PRINT DATE: 11/25/20
 PLOT SCALE: 1:1000
 DRAWING FILE: P:\19-500-057-1 US 231 ATLACAD\06 PLAN PROF\RD-P8P-LINE S-5-C-US231.DWG
 EDITOR: KUPSHAW
 DATE: 11/24/20 11:23 AM

C.R. 800 S Line "S-5-C"
 A = E Side of Reflector Post
 B = SE Corner of "Stop" Sign Post
 C = SW Corner of Speed Limit 55 Sign
 D = SW Cor of W Most Post of Cloverdale RV Park Sign

P.O.T. 551+59.44 "C"
 P.O.T. 49+29.95 "S-5-C"

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

DESIGNED: RDS DRAWN: MSS
 CHECKED: LLC CHECKED: RDS

INDIANA DEPARTMENT OF TRANSPORTATION

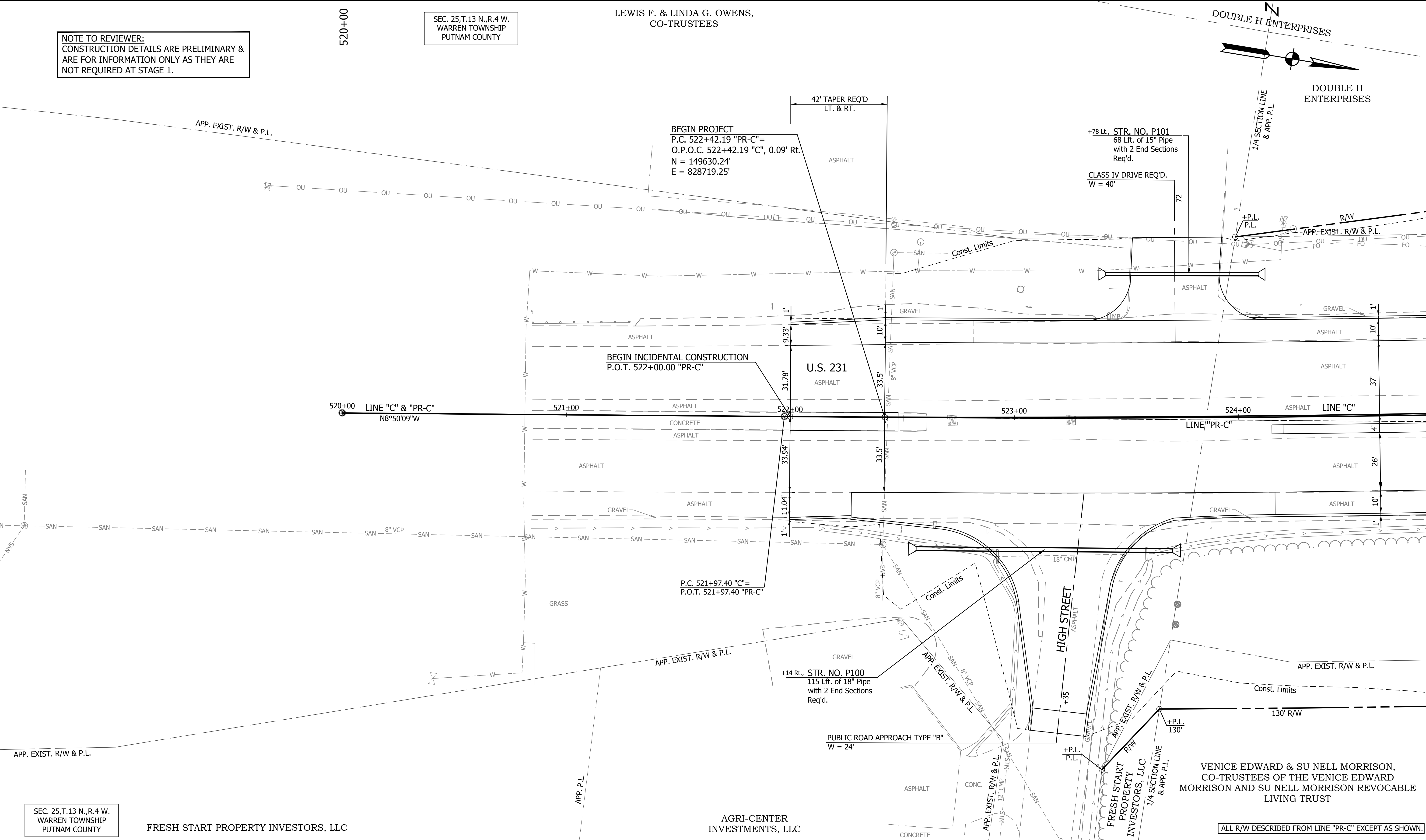
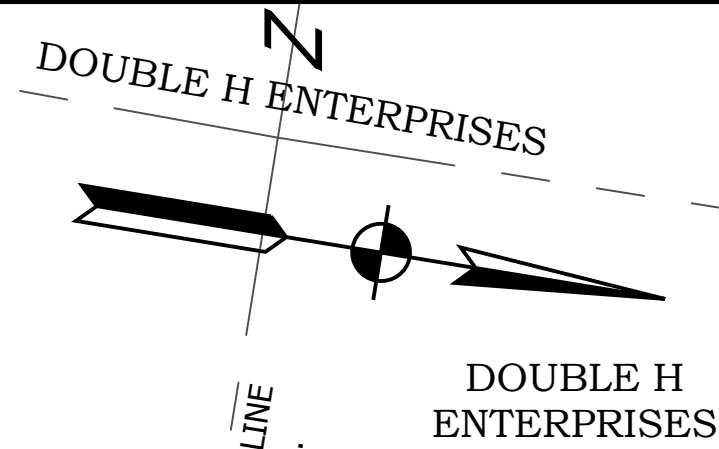
PLAN AND PROFILE
 LINE "PR-S-5-C"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1700091
SURVEY BOOK	SHEET
	31 of 84
CONTRACT	PROJECT
R-40742	1700091

NOTE TO REVIEWER:
CONSTRUCTION DETAILS ARE PRELIMINARY &
ARE FOR INFORMATION ONLY AS THEY ARE
NOT REQUIRED AT STAGE 1.

SEC. 25, T.13 N., R.4 W.
WARREN TOWNSHIP
PUTNAM COUNTY

LEWIS F. & LINDA G. OWENS,
CO-TRUSTEES



SEC. 25, T.13 N., R.4 W.
WARREN TOWNSHIP
PUTNAM COUNTY

FRESH START PROPERTY INVESTORS, LLC

AGRI-CENTER
INVESTMENTS, LLC

VENICE EDWARD & SU NELL MORRISON,
CO-TRUSTEES OF THE VENICE EDWARD
MORRISON AND SU NELL MORRISON REVOCABLE
LIVING TRUST

ALL R/W DESCRIBED FROM LINE "PR-C" EXCEPT AS SHOWN.

PRINT DATE: 11/25/20 PLOT SCALE: 1:1000.00 EDIT DATE: 10/7/20 11:16 AM EDITED BY: NSELS DRAWING FILE: P:\19-500-057-1 US 231 AT LACAD\07 CONST DTL\RD-CONSTR DETAILS LINE C\US231.DWG

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RDS	DRAWN: MSS	
CHECKED: LLC	CHECKED: RDS	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

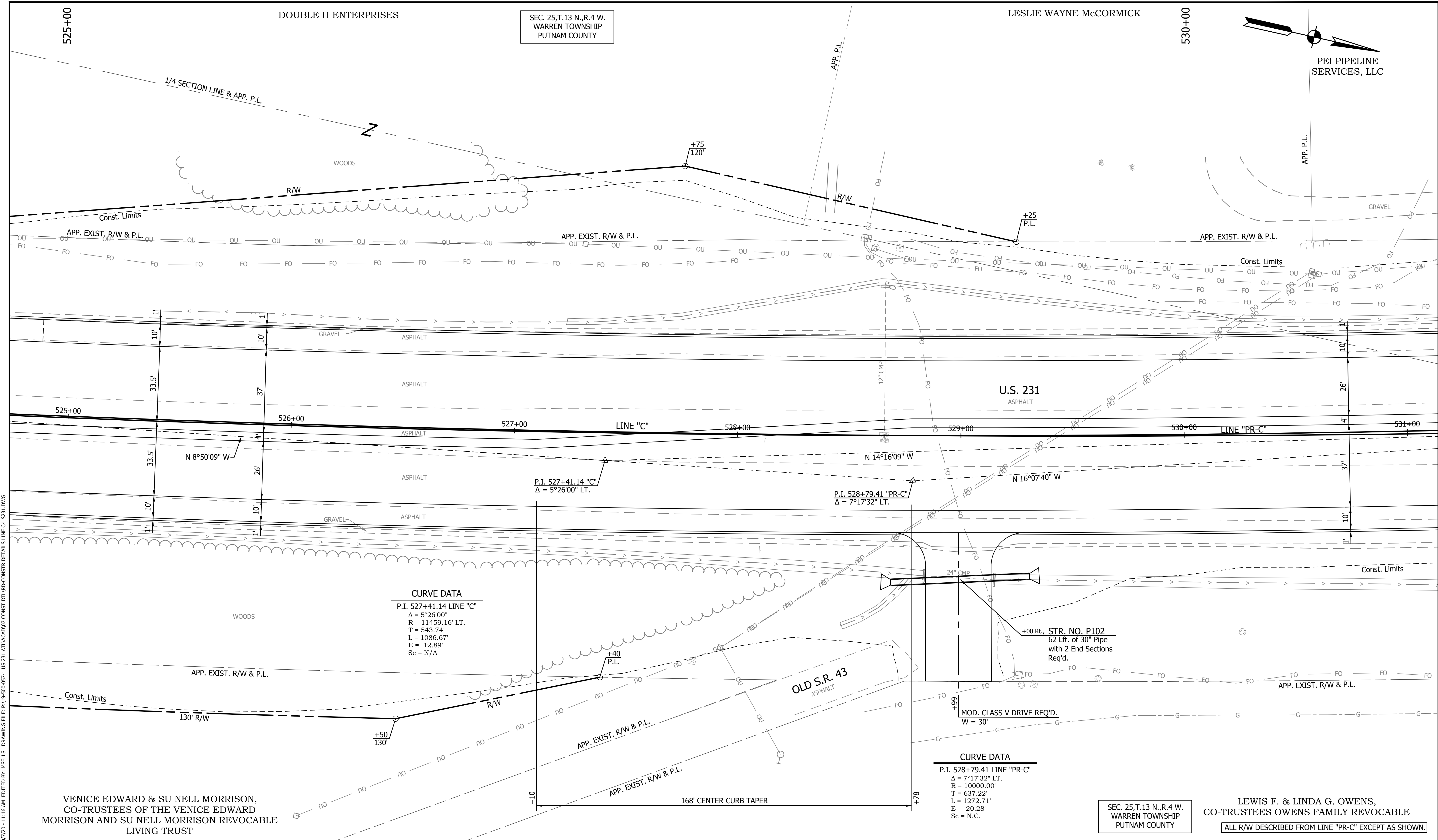
**CONSTRUCTION DETAILS
LINE "PR-C"**

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 20'	1700091
SURVEY BOOK	SHEET
	32 of 84
CONTRACT	PROJECT
R-40742	1700091

SEC. 25, T.13 N., R.4 W.
WARREN TOWNSHIP
PUTNAM COUNTY

LESLIE WAYNE McCORMICK

PEI PIPELINE SERVICES, LLC



CURVE DATA
P.I. 527+41.14 LINE "C"
Δ = 5°26'00"
R = 11459.16' LT.
T = 543.74'
L = 1086.67'
E = 12.89'
Se = N/A

CURVE DATA
P.I. 528+79.41 LINE "PR-C"
Δ = 7°17'32" LT.
R = 10000.00'
T = 637.22'
L = 1272.71'
E = 20.28'
Se = N.C.

VENICE EDWARD & SU NELL MORRISON,
CO-TRUSTEES OF THE VENICE EDWARD
MORRISON AND SU NELL MORRISON REVOCABLE
LIVING TRUST

SEC. 25, T.13 N., R.4 W.
WARREN TOWNSHIP
PUTNAM COUNTY

LEWIS F. & LINDA G. OWENS,
CO-TRUSTEES OWENS FAMILY REVOCABLE

ALL R/W DESCRIBED FROM LINE "PR-C" EXCEPT AS SHOWN.

PRINT DATE: 11/25/20 PLOT SCALE: 1:1000 DRAWING FILE: P:\19-500-057-1 US 231 AT\ACAD\07 CONST DTL\RD-CONSTR DETAILS LINE C\US231.DWG EDIT DATE: 10/7/20 - 11:16 AM EDITED BY: MSELLS

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RDS	DRAWN: MSS	
CHECKED: LLC	CHECKED: RDS	

INDIANA
DEPARTMENT OF TRANSPORTATION

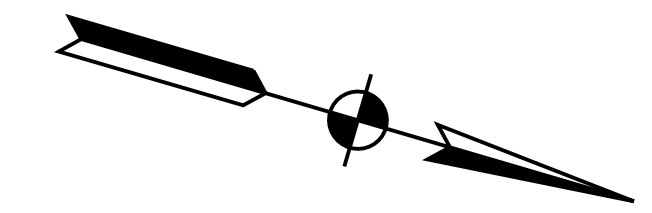
CONSTRUCTION DETAILS
LINE "PR-C"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 20'	1700091
SURVEY BOOK	SHEET
	33 of 84
CONTRACT	PROJECT
R-40742	1700091

PEI PIPELINE SERVICES, LLC

PEI PIPELINE SERVICES, LLC

SEC. 25, T.13 N., R.4 W.
WARREN TOWNSHIP
PUTNAM COUNTY



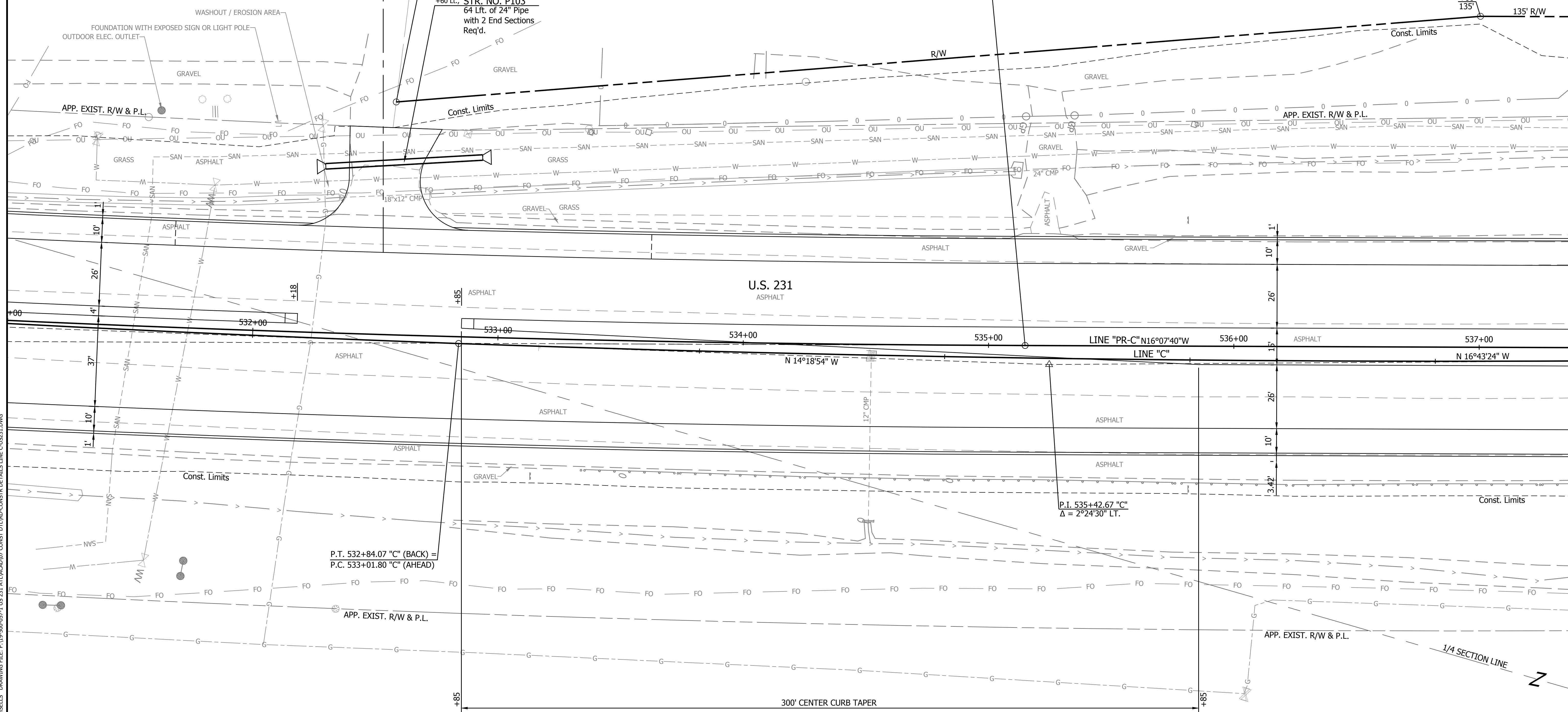
CLASS IV DRIVE REQ'D.
W = 38'

+P.L. 95'
+60 Lt. STR. NO. P103
64 Lt. of 24" Pipe
with 2 End Sections
Req'd.

P.T. 535+14.90 "PR-C"

535+00

+00 135'
135' R/W



U.S. 231
ASPHALT

LINE "PR-C" N16°07'40"W

LINE "C"

N 14°18'54" W

N 16°43'24" W

P.T. 532+84.07 "C" (BACK) =
P.C. 533+01.80 "C" (AHEAD)

P.I. 535+42.67 "C"
Δ = 2°24'30" LT.

300' CENTER CURB TAPER

CURVE DATA

P.I. 535+42.67 LINE "C"
Δ = 2°24'30" LT.
R = 11459.16'
T = 240.87'
L = 481.67'
E = 2.53'
Se = N/A

SEC. 25, T.13 N., R.4 W.
WARREN TOWNSHIP
PUTNAM COUNTY

ALL R/W DESCRIBED FROM LINE "PR-C" EXCEPT AS SHOWN.

LEWIS F. & LINDA G. OWENS,
CO-TRUSTEES OWENS FAMILY REVOCABLE

PRINT DATE: 11/25/20
PLOT SCALE: 1:1000
DRAWING FILE: P:\19-500-057-1 US 231 ATUACAD\07 CONST DTL\RD-CONSTR DETAILS LINE CUS231.DWG
EDIT DATE: 10/7/20 - 11:16 AM
EDITED BY: NSELLS

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RDS	DRAWN: MSS	
CHECKED: LLC	CHECKED: RDS	

INDIANA
DEPARTMENT OF TRANSPORTATION

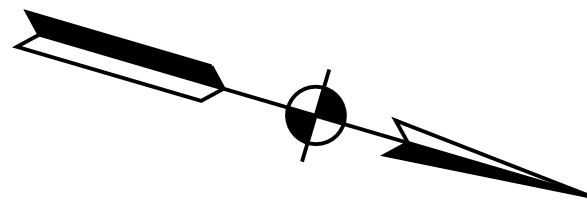
CONSTRUCTION DETAILS
LINE "PR-C"

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 20'	DESIGNATION 1700091
SURVEY BOOK	SHEET 34 of 84
CONTRACT R-40742	PROJECT 1700091

PEI PIPELINE SERVICES, LLC

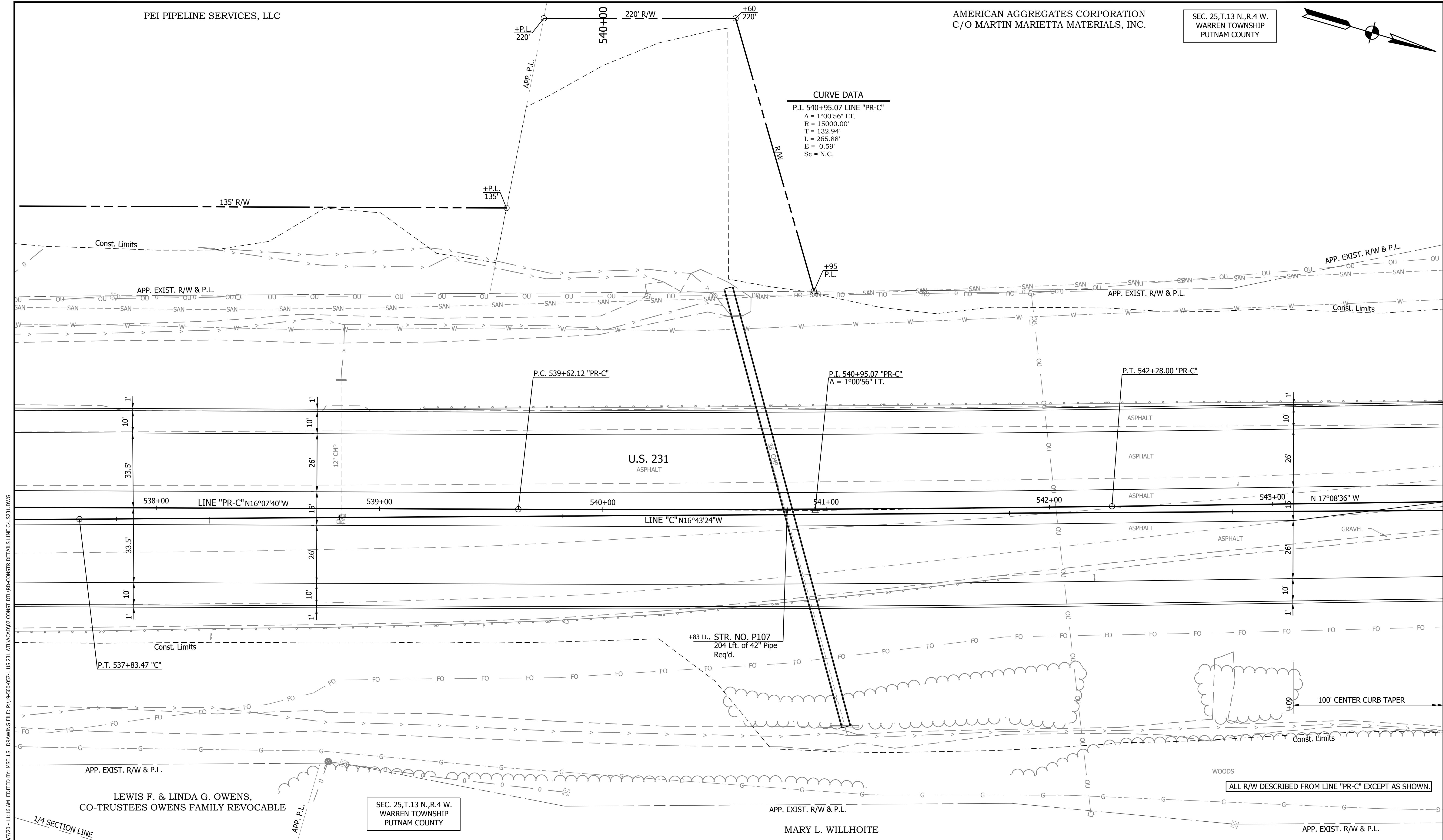
AMERICAN AGGREGATES CORPORATION
C/O MARTIN MARIETTA MATERIALS, INC.

SEC. 25, T.13 N., R.4 W.
WARREN TOWNSHIP
PUTNAM COUNTY



CURVE DATA

P.I. 540+95.07 LINE "PR-C"
Δ = 1°00'56" LT.
R = 15000.00'
T = 132.94'
L = 265.88'
E = 0.59'
Se = N.C.



PRINT DATE: 11/25/20
PLOT SCALE: 1:1002
DRAWING FILE: P:\19-500-057-1 US 231 AT\ACAD\07 CONST DTL\RD-CONSTR DETAILS LINE CUS231.DWG
EDITED BY: NSELS
DATE: 10/7/20 11:16 AM

LEWIS F. & LINDA G. OWENS,
CO-TRUSTEES OWENS FAMILY REVOCABLE

SEC. 25, T.13 N., R.4 W.
WARREN TOWNSHIP
PUTNAM COUNTY

MARY L. WILLHOITE

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RDS	DRAWN: MSS	
CHECKED: LLC	CHECKED: RDS	

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-C"

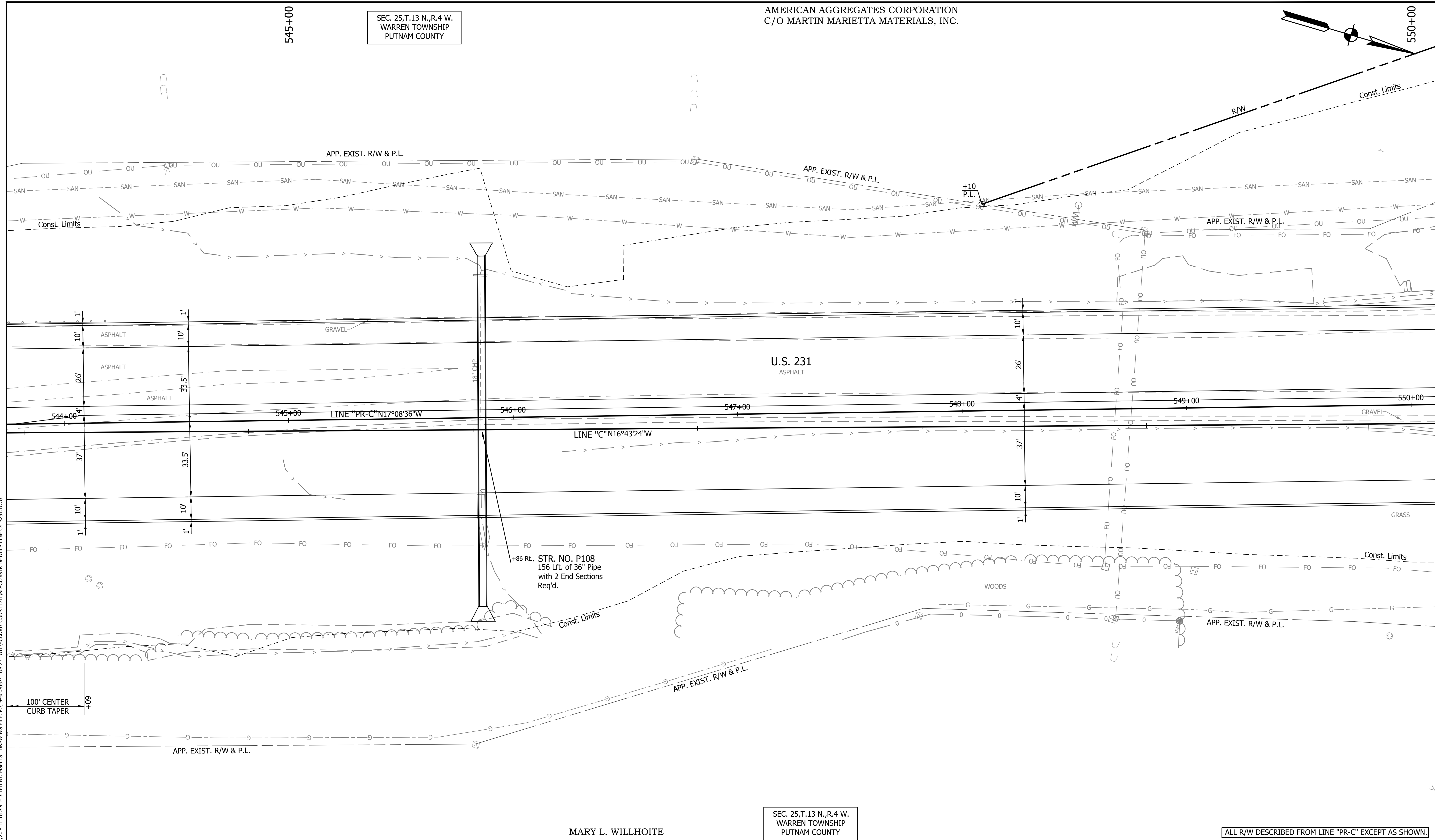
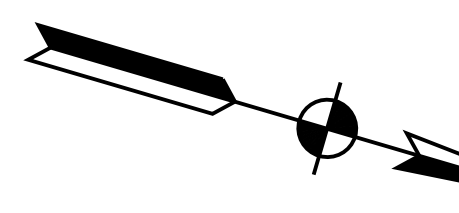
HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 20'	DESIGNATION 1700091
SURVEY BOOK	SHEET 35 of 84
CONTRACT R-40742	PROJECT 1700091

545+00

SEC. 25, T.13 N., R.4 W.
WARREN TOWNSHIP
PUTNAM COUNTY

AMERICAN AGGREGATES CORPORATION
C/O MARTIN MARIETTA MATERIALS, INC.

550+00



PRINT DATE: 11/25/20
PLOT SCALE: 1:1002
DRAWING FILE: P:\19-500-057-1 US 231 AT\ACAD\07 CONST DTL\RD-CONSTR DETAILS LINE CUS231.DWG
EDIT DATE: 10/7/20 - 11:16 AM
EDITED BY: MSELLS

MARY L. WILLHOITE

SEC. 25, T.13 N., R.4 W.
WARREN TOWNSHIP
PUTNAM COUNTY

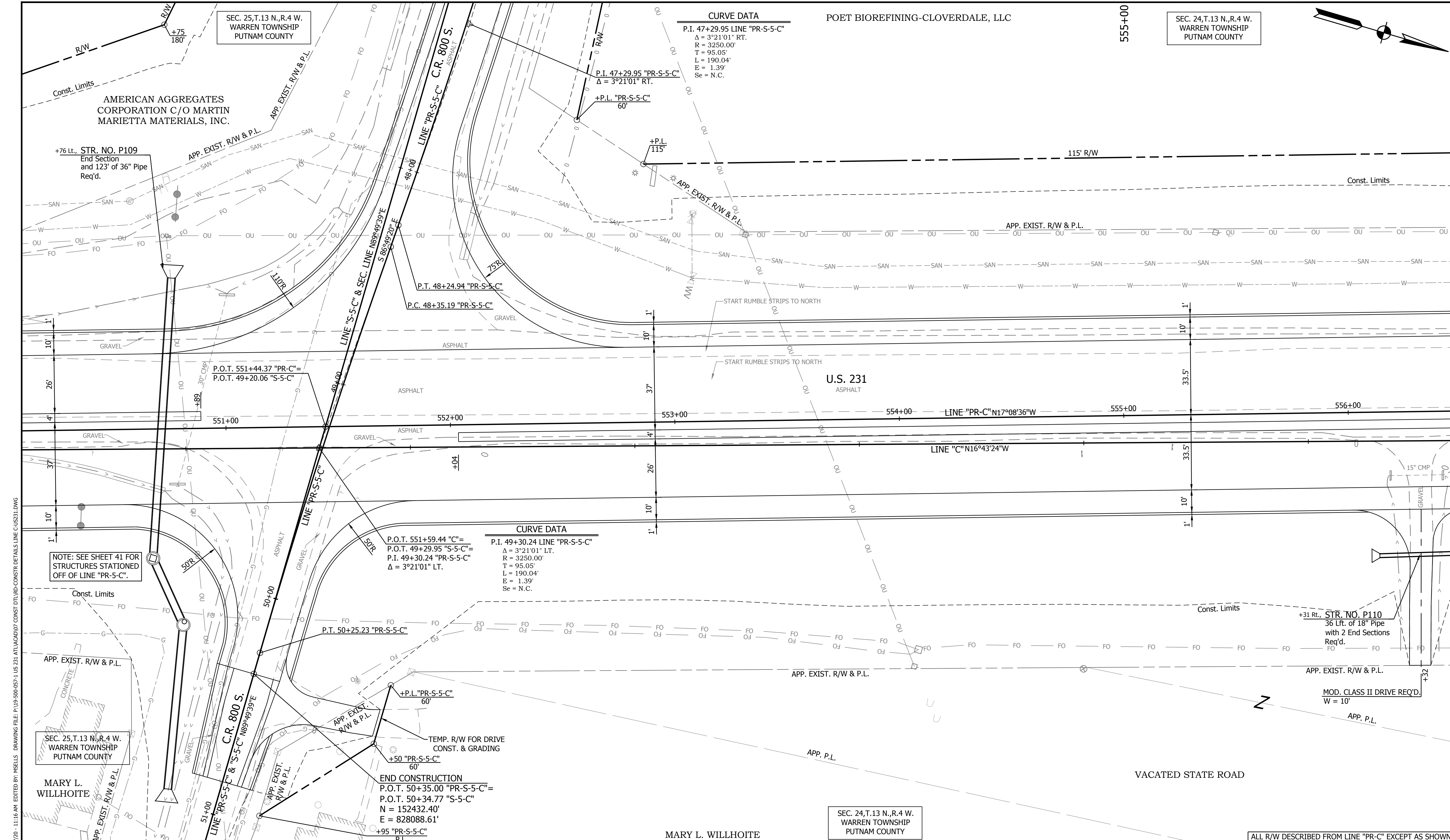
ALL R/W DESCRIBED FROM LINE "PR-C" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: <u>RDS</u>	DRAWN: <u>MSS</u>	
CHECKED: <u>LLC</u>	CHECKED: <u>RDS</u>	

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-C"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 20'	1700091
SURVEY BOOK	SHEET
	36 of 84
CONTRACT	PROJECT
R-40742	1700091



CURVE DATA
 P.I. 47+29.95 LINE "PR-S-5-C"
 $\Delta = 3^{\circ}21'01"$ RT.
 R = 3250.00'
 T = 95.05'
 L = 190.04'
 E = 1.39'
 Se = N.C.

CURVE DATA
 P.I. 49+30.24 LINE "PR-S-5-C"
 $\Delta = 3^{\circ}21'01"$ LT.
 R = 3250.00'
 T = 95.05'
 L = 190.04'
 E = 1.39'
 Se = N.C.

SEC. 24, T.13 N., R.4 W.
 WARREN TOWNSHIP
 PUTNAM COUNTY

SEC. 25, T.13 N., R.4 W.
 WARREN TOWNSHIP
 PUTNAM COUNTY

ALL R/W DESCRIBED FROM LINE "PR-C" EXCEPT AS SHOWN.

PRINT DATE: 11/25/20 PLOT SCALE: 1:1000
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 EDITED BY: NSELLS DATE: 10/7/20 11:16 AM

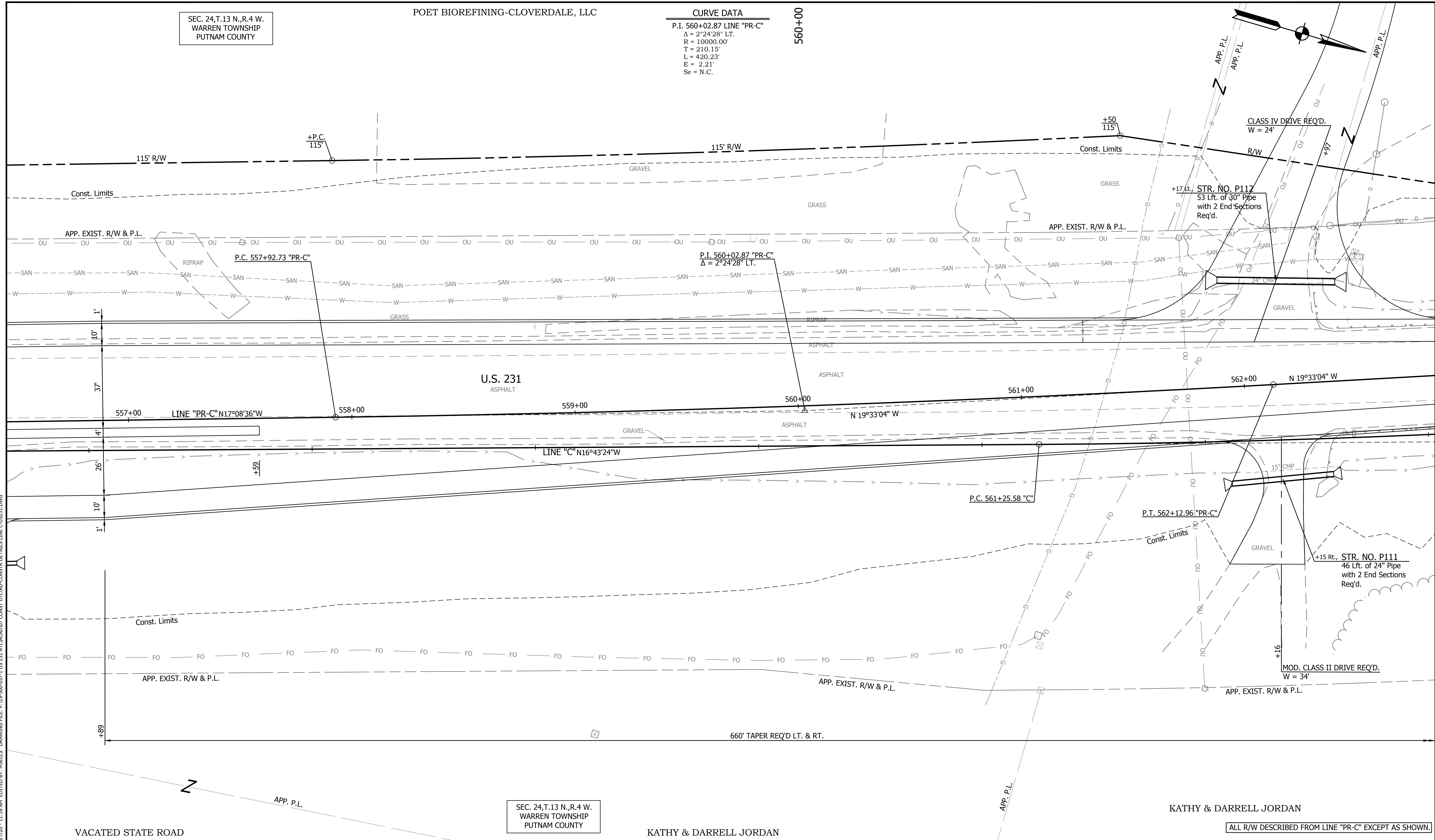
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION CONSTRUCTION DETAILS LINE "PR-C"		HORIZONTAL SCALE	BRIDGE FILE
			1" = 20'	N/A
DESIGNED: RDS	DRAWN: MSS	SURVEY BOOK SHEET 37 of 84	VERTICAL SCALE	DESIGNATION
CHECKED: LLC	CHECKED: RDS		1700091	CONTRACT PROJECT
			R-40742	

SEC. 24,T.13 N.,R.4 W.
WARREN TOWNSHIP
PUTNAM COUNTY

POET BIOREFINING-CLOVERDALE, LLC

CURVE DATA
P.I. 560+02.87 LINE "PR-C"
 $\Delta = 2^{\circ}24'28"$ LT.
R = 10000.00'
T = 210.15'
L = 420.23'
E = 2.21'
Se = N.C.

560+00



VACATED STATE ROAD

SEC. 24,T.13 N.,R.4 W.
WARREN TOWNSHIP
PUTNAM COUNTY

KATHY & DARRELL JORDAN

KATHY & DARRELL JORDAN

ALL R/W DESCRIBED FROM LINE "PR-C" EXCEPT AS SHOWN.

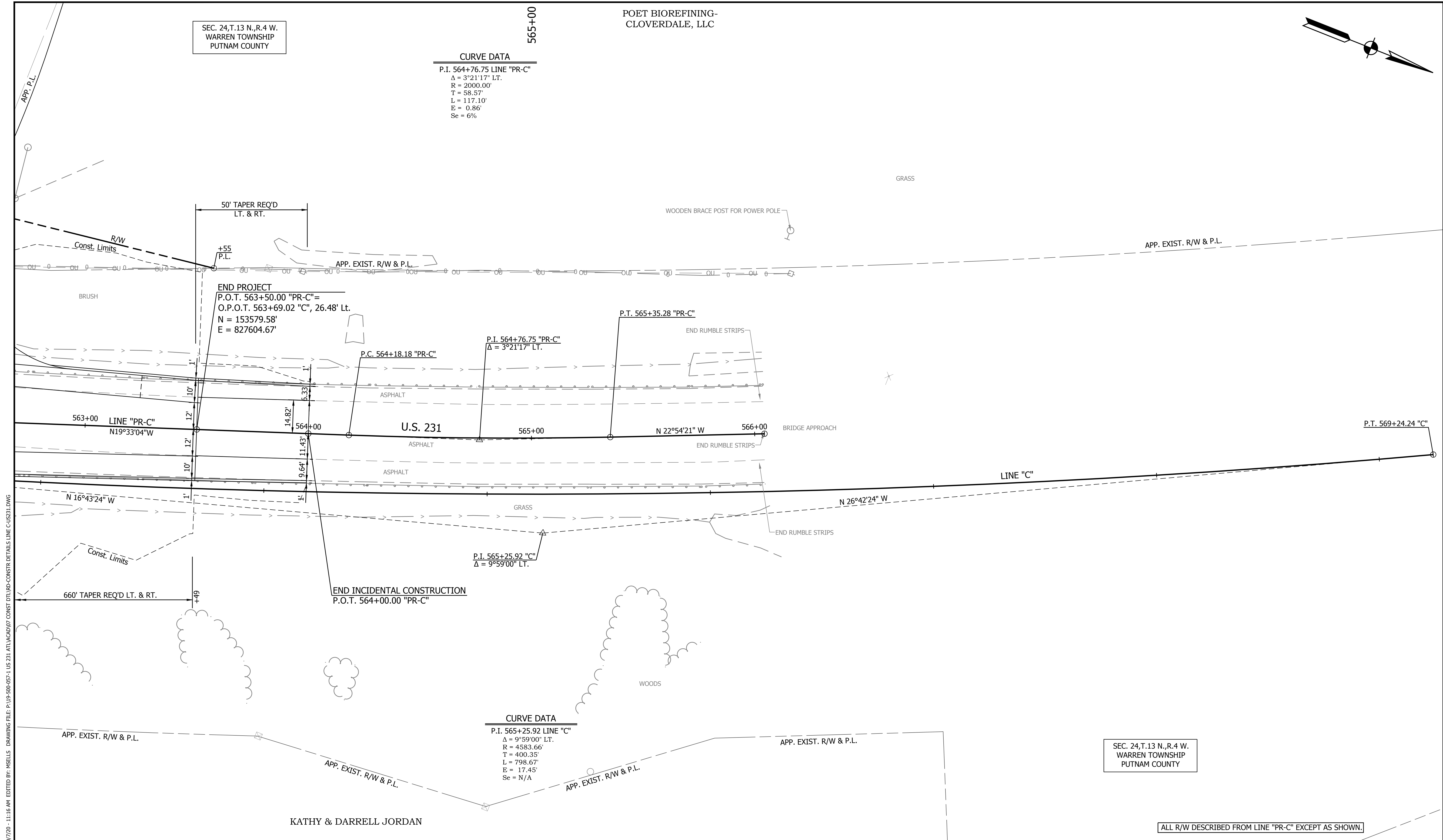
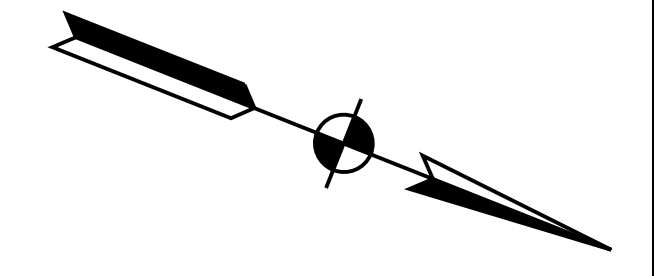
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 EDIT DATE: 10/7/20 - 11:16 AM
 EDITED BY: NSELLS

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION CONSTRUCTION DETAILS LINE "PR-C"		HORIZONTAL SCALE	BRIDGE FILE
			1" = 20'	N/A
DESIGNED: <u>RDS</u>	DRAWN: <u>MSS</u>	SURVEY BOOK _____ of _____ SHEET 38 of 84	VERTICAL SCALE	DESIGNATION
CHECKED: <u>LLC</u>	CHECKED: <u>RDS</u>		1" = 20'	1700091
		CONTRACT	PROJECT	
		R-40742	1700091	

SEC. 24, T.13 N., R.4 W.
WARREN TOWNSHIP
PUTNAM COUNTY

POET BIOREFINING-
CLOVERDALE, LLC

CURVE DATA
P.I. 564+76.75 LINE "PR-C"
 $\Delta = 3^{\circ}21'17''$ LT.
R = 2000.00'
T = 58.57'
L = 117.10'
E = 0.86'
Se = 6%



PRINT DATE: 11/25/20
 PLOT SCALE: 1:1000
 DRAWING FILE: P:\19-500-057-1 US 231 ATUACAD\07 CONST DTL\RD-CONSTR DETAILS LINE C\US231.DWG
 EDIT DATE: 10/7/20 - 11:16 AM
 EDITED BY: NSELLS

KATHY & DARRELL JORDAN

SEC. 24, T.13 N., R.4 W.
WARREN TOWNSHIP
PUTNAM COUNTY

ALL R/W DESCRIBED FROM LINE "PR-C" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: <u>RDS</u>	DRAWN: <u>MSS</u>	
CHECKED: <u>LLC</u>	CHECKED: <u>RDS</u>	

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-C"

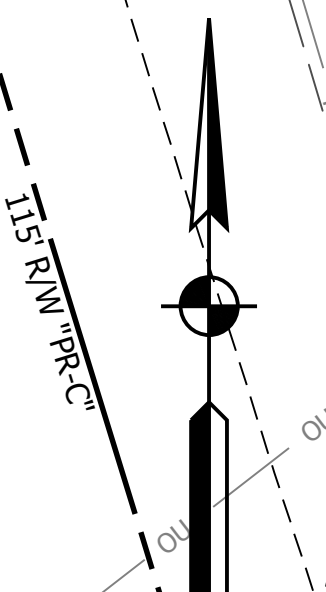
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 20'	1700091
SURVEY BOOK	SHEET
	39 of 84
CONTRACT	PROJECT
R-40742	1700091

POET BIOREFINING-CLOVERDALE, LLC

SEC. 24, T.13 N., R.4 W.
WARREN TOWNSHIP
PUTNAM COUNTY

45+00

CURVE DATA
P.I. 47+29.95 LINE "PR-S-5-C"
 $\Delta = 3^{\circ}21'01''$ RT.
R = 3250.00'
T = 95.05'
L = 190.04'
E = 1.39'
Se = N.C.



THE BOARD OF COMMISSIONERS OF THE COUNTY OF PUTNAM

42+00

43+00

C.R. 800 S.
ASPHALT

44+00

45+00

LINE "PR-S-5-C" N89°49'39"E

46+00

47+00

S 86°49'20" E

LINE "S-5-C" & SECTION LINE N16°43'24"W
APP. EXIST. R/W & P.L.

+75
P.L.

BEGIN CONSTRUCTION
P.O.T. 44+00.00 "PR-S-5-C"

BEGIN CONSTRUCTION
P.O.T. 44+50.00 "PR-S-5-C" =
O.P.O.T. 44+50.00 "S-5-C", 11.71' Lt.
N = 152442.34'
E = 827503.81'

+40
90'

+75 "PR-C"
180'

SEC. 25, T.13 N., R.4 W.
WARREN TOWNSHIP
PUTNAM COUNTY

AMERICAN AGGREGATES CORPORATION
C/O MARTIN MARIETTA MATERIALS, INC.

ALL R/W DESCRIBED FROM LINE "PR-S-5-C" EXCEPT AS SHOWN.

PRINT DATE: 11/25/20
PLOT SCALE: 1:1,000
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EDIT DATE: 10/7/20 - 4:55 AM
EDITED BY: MSELLS

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER _____ DATE _____

DESIGNED: RDS DRAWN: MSS

CHECKED: LLC CHECKED: RDS

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
LINE "PR-S-5-C"

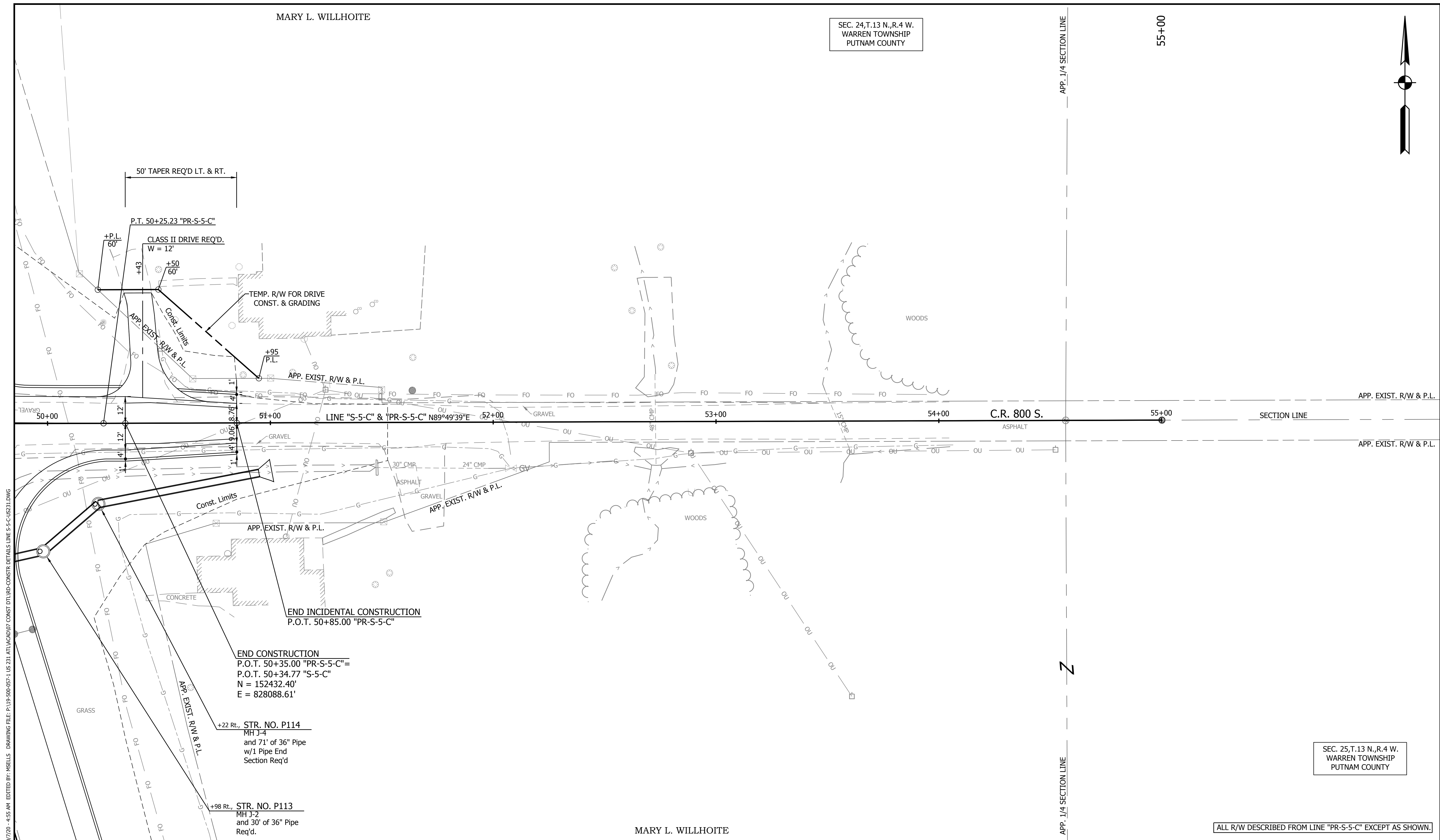
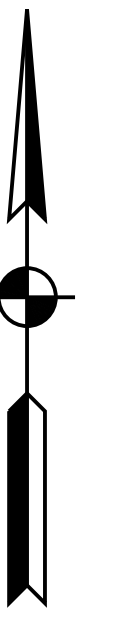
HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 20'	DESIGNATION 1700091
SURVEY BOOK	SHEET
	40 of 84
CONTRACT R-40742	PROJECT 1700091

MARY L. WILLHOITE

SEC. 24, T. 13 N., R. 4 W.
WARREN TOWNSHIP
PUTNAM COUNTY

APP. 1/4 SECTION LINE

55+00



END CONSTRUCTION
 P.O.T. 50+35.00 "PR-S-5-C" =
 P.O.T. 50+34.77 "S-5-C"
 N = 152432.40'
 E = 828088.61'

+22 Rt., STR. NO. P114
 MH J-4
 and 71' of 36" Pipe
 w/1 Pipe End
 Section Req'd

+98 Rt., STR. NO. P113
 MH J-2
 and 30' of 36" Pipe
 Req'd.

MARY L. WILLHOITE

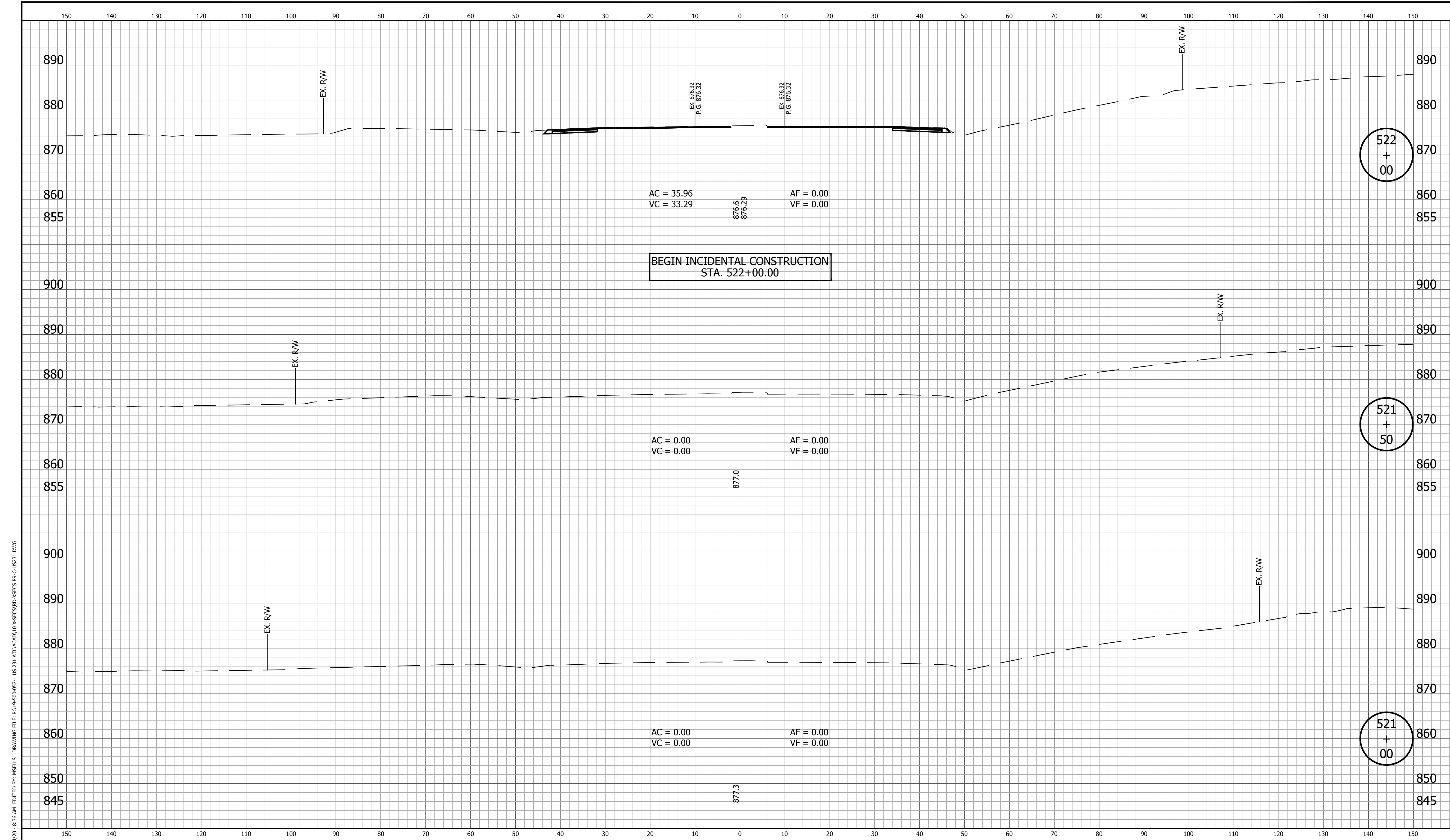
ALL R/W DESCRIBED FROM LINE "PR-S-5-C" EXCEPT AS SHOWN.

PRINT DATE: 11/25/20
 PLOT SCALE: 1:1000
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 EDITED BY: MSELLS
 EDIT DATE: 10/7/20 - 4:55 AM

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: RDS	DRAWN: MSS	
CHECKED: LLC	CHECKED: RDS	

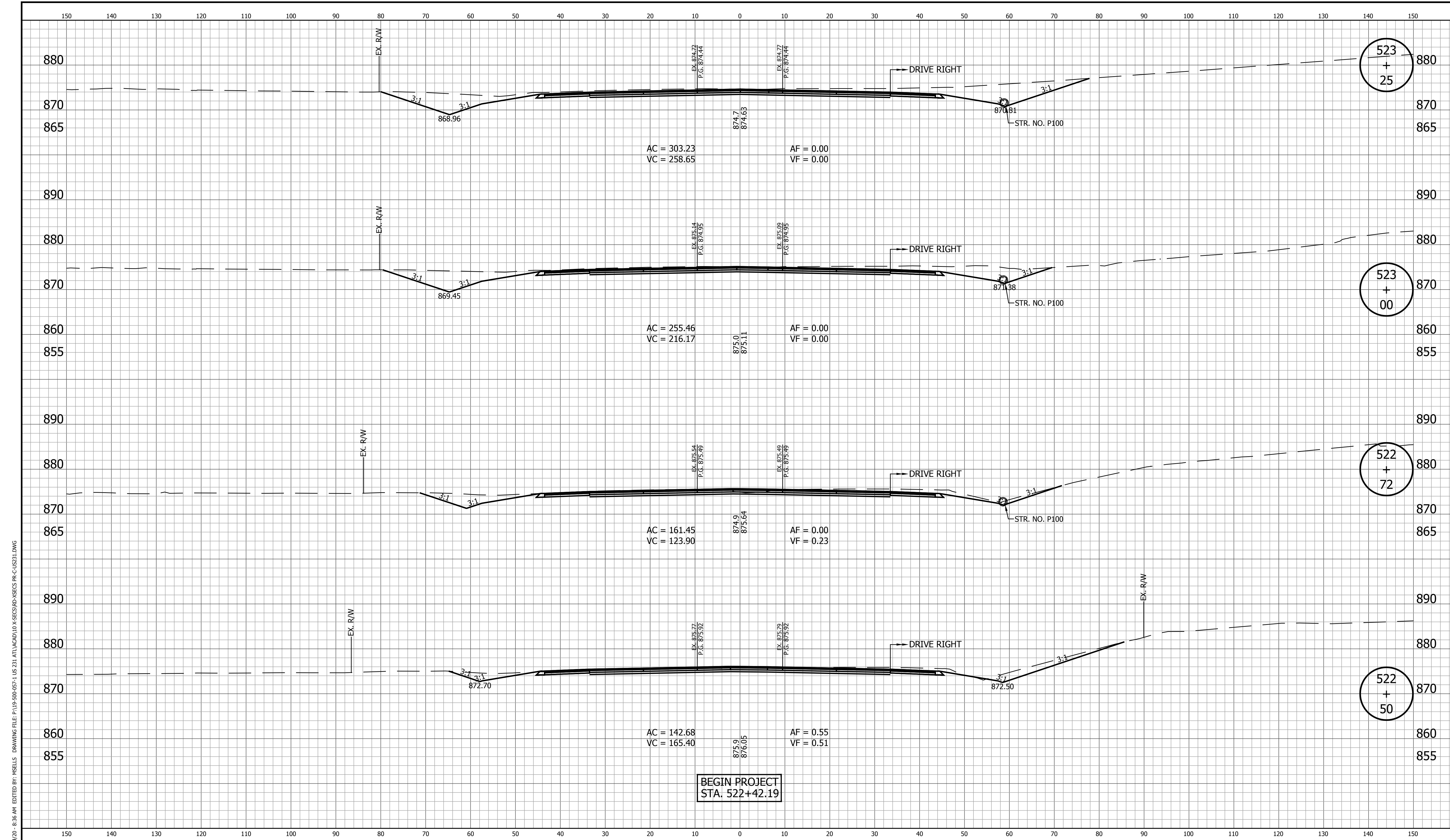
INDIANA DEPARTMENT OF TRANSPORTATION	
CONSTRUCTION DETAILS LINE "PR-S-5-C"	

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 20'	DESIGNATION 1700091
SURVEY BOOK	SHEET 41 of 84
CONTRACT R-40742	PROJECT 1700091



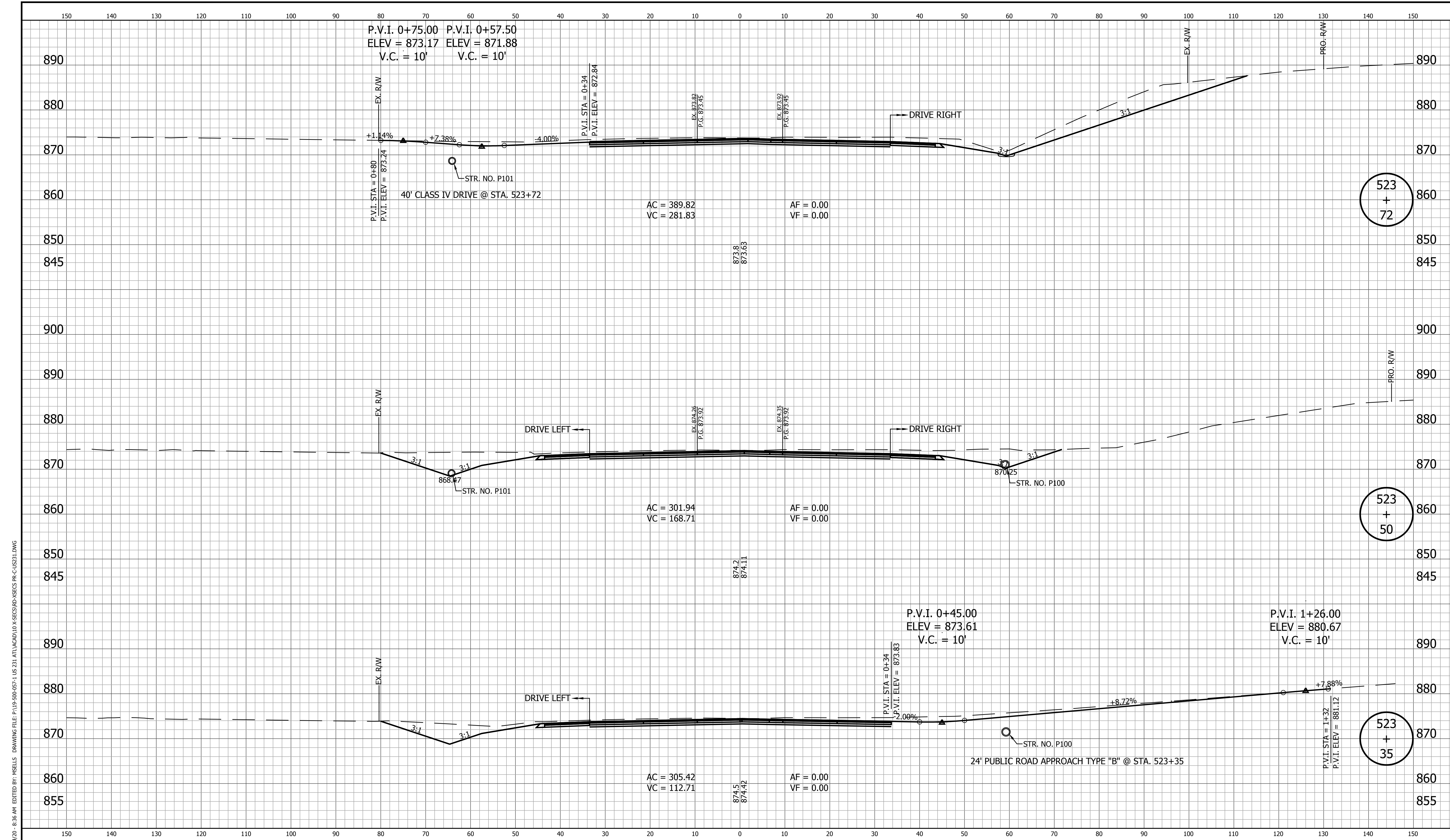
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		INDIANA DEPARTMENT OF TRANSPORTATION	<table border="1" style="font-size: small;"> <tr><td>HORIZONTAL SCALE</td><td>BRIDGE FILE</td></tr> <tr><td>1" = 10'</td><td>N/A</td></tr> <tr><td>VERTICAL SCALE</td><td>DESIGNATION</td></tr> <tr><td>1" = 10'</td><td>1700091</td></tr> <tr><td>SURVEY BOOK</td><td>SHEET</td></tr> <tr><td></td><td>45 of 84</td></tr> <tr><td>CONTRACT</td><td>PROJECT</td></tr> <tr><td>R-40742</td><td>1700091</td></tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1" = 10'	N/A	VERTICAL SCALE	DESIGNATION	1" = 10'	1700091	SURVEY BOOK	SHEET		45 of 84	CONTRACT	PROJECT	R-40742	1700091
HORIZONTAL SCALE	BRIDGE FILE																		
1" = 10'	N/A																		
VERTICAL SCALE	DESIGNATION																		
1" = 10'	1700091																		
SURVEY BOOK	SHEET																		
	45 of 84																		
CONTRACT	PROJECT																		
R-40742	1700091																		
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE																	
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CHECKED: <u>LLC</u>	CHECKED: <u>RDS</u>																		



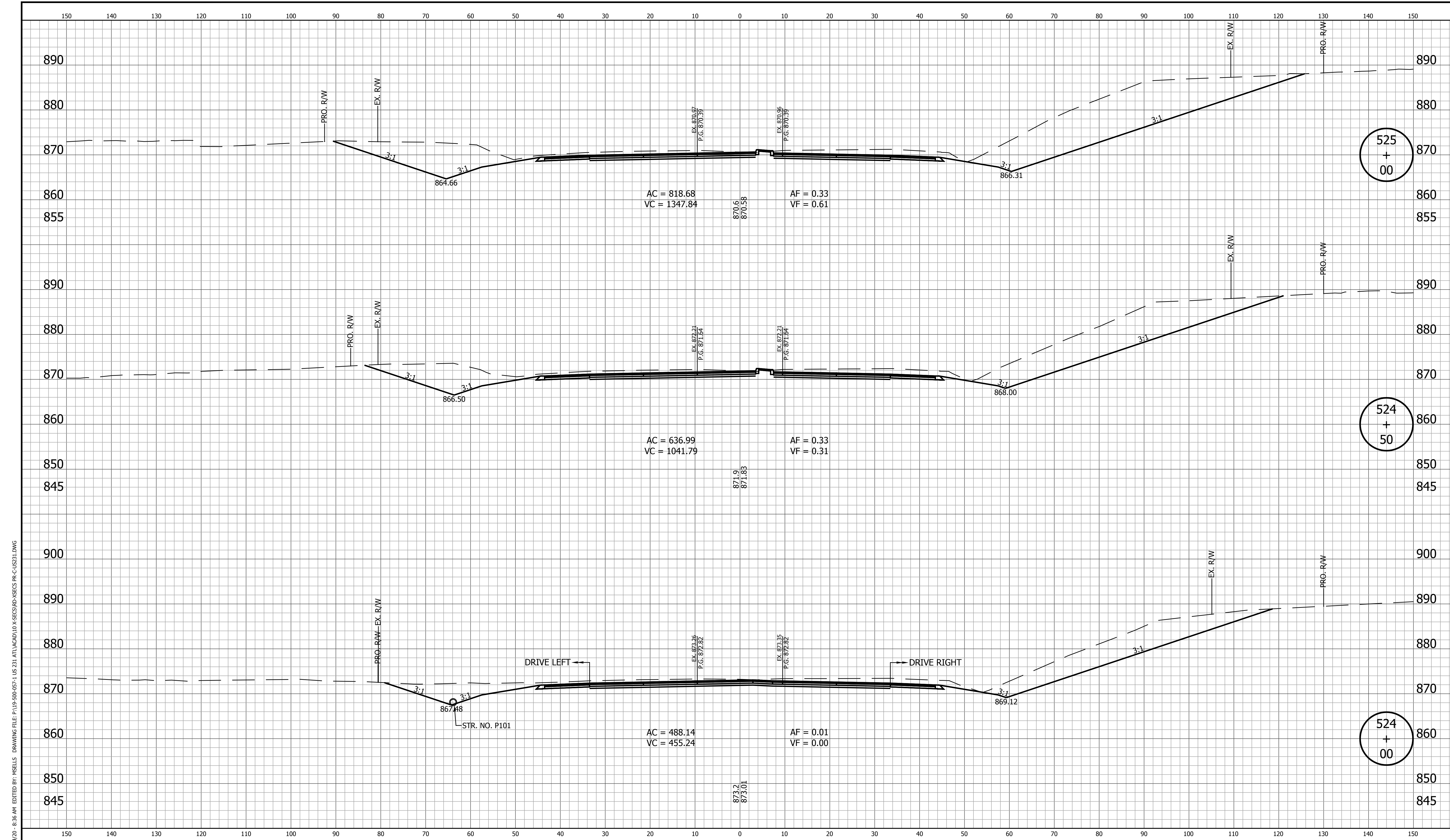
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	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 10' VERTICAL SCALE 1" = 10'	BRIDGE FILE N/A DESIGNATION 1700091
	DESIGNED: <u>RDS</u> CHECKED: <u>LLC</u>	DRAWN: <u>MSS</u> CHECKED: <u>LLC</u>	CROSS SECTIONS LINE "PR-C"	
			SURVEY BOOK R-40742	SHEET 46 of 84 PROJECT 1700091



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	DESIGNED: <u>RDS</u> CHECKED: <u>LLC</u>	DRAWN: <u>MSS</u> CHECKED: <u>LLC</u>	CROSS SECTIONS LINE "PR-C"	



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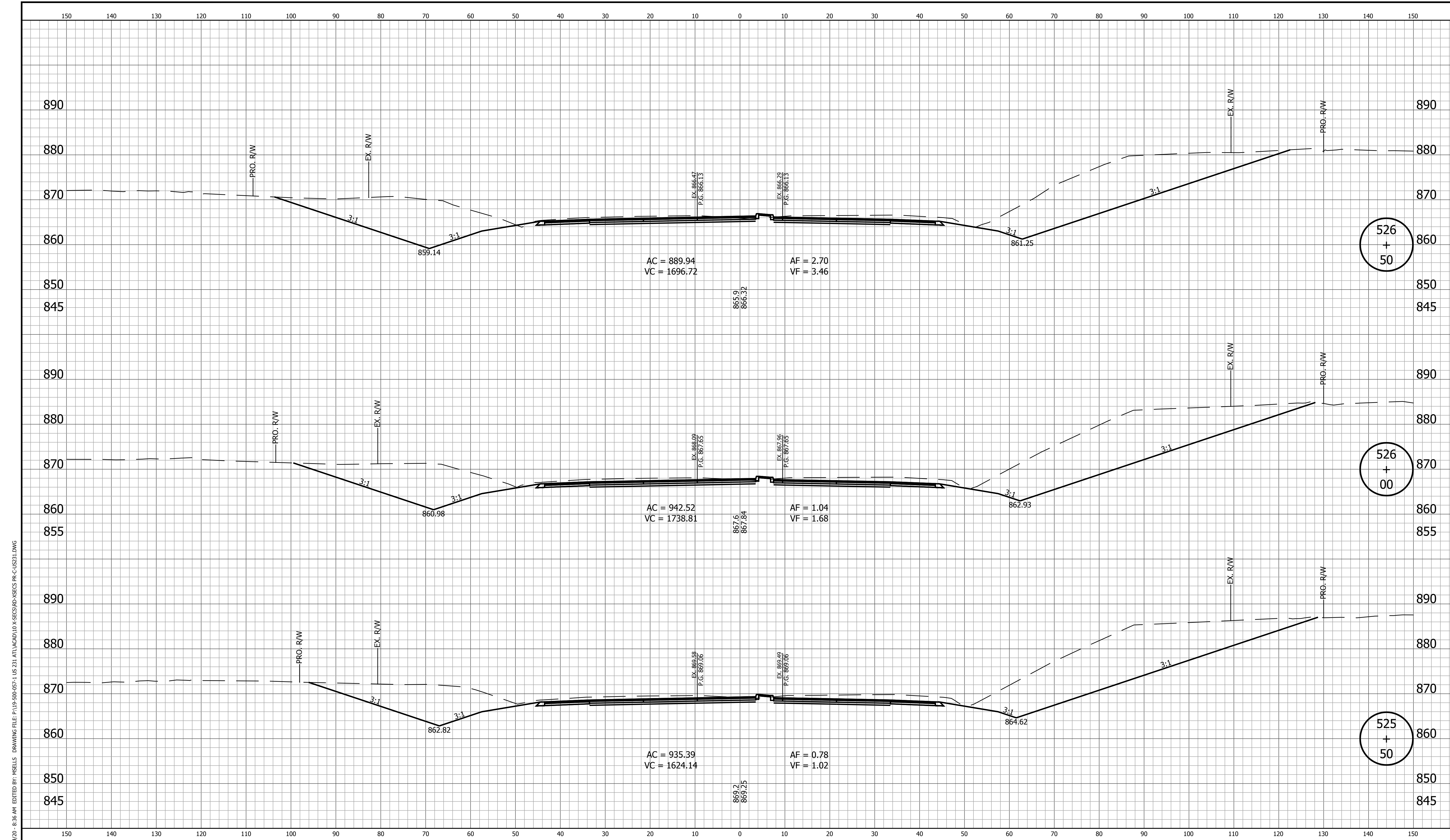
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INDIANA DEPARTMENT OF TRANSPORTATION

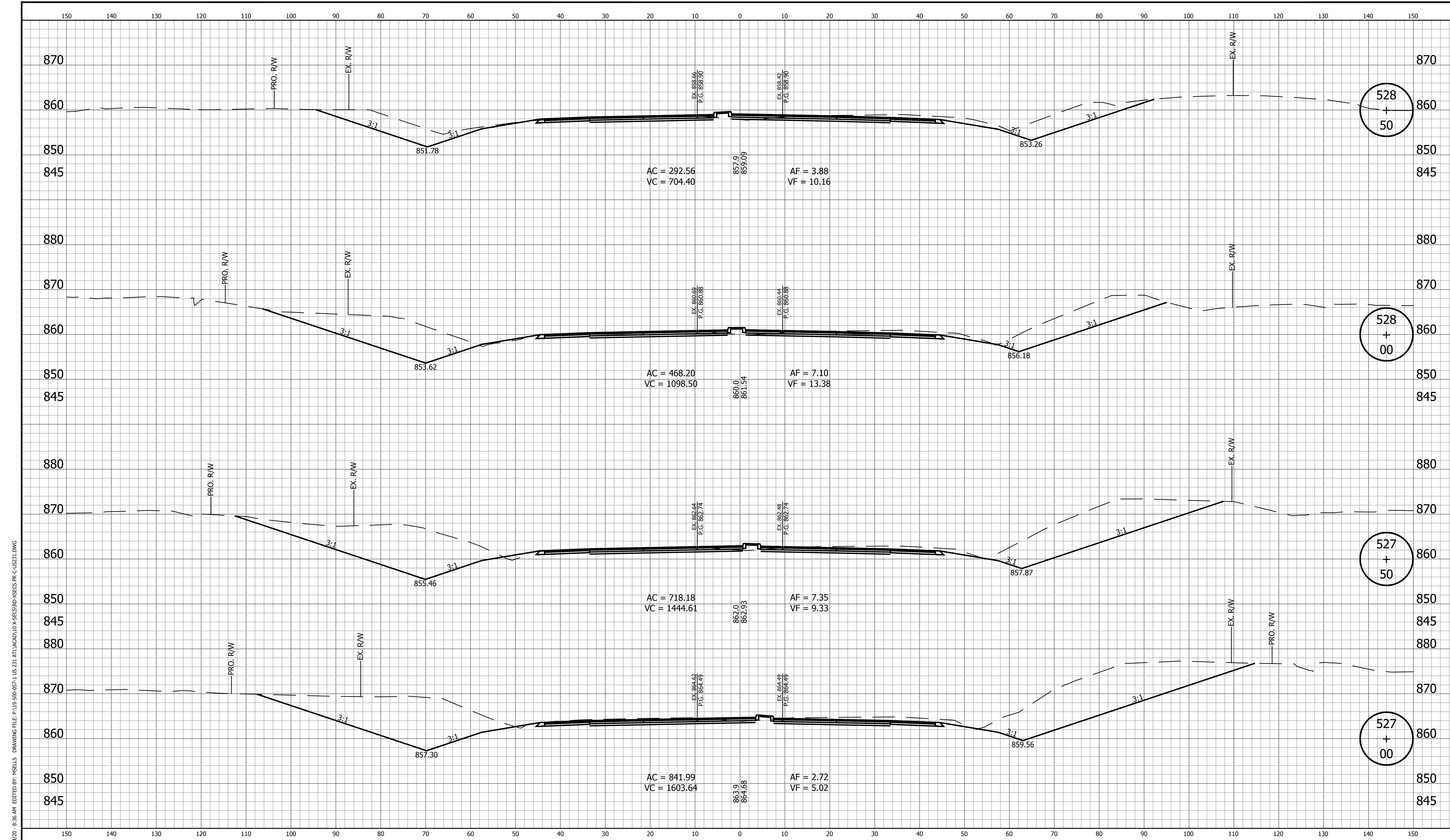
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VERTICAL SCALE 1" = 10'	DESIGNATION 1700091
SURVEY BOOK	SHEET
	48 of 84
CONTRACT R-40742	PROJECT 1700091



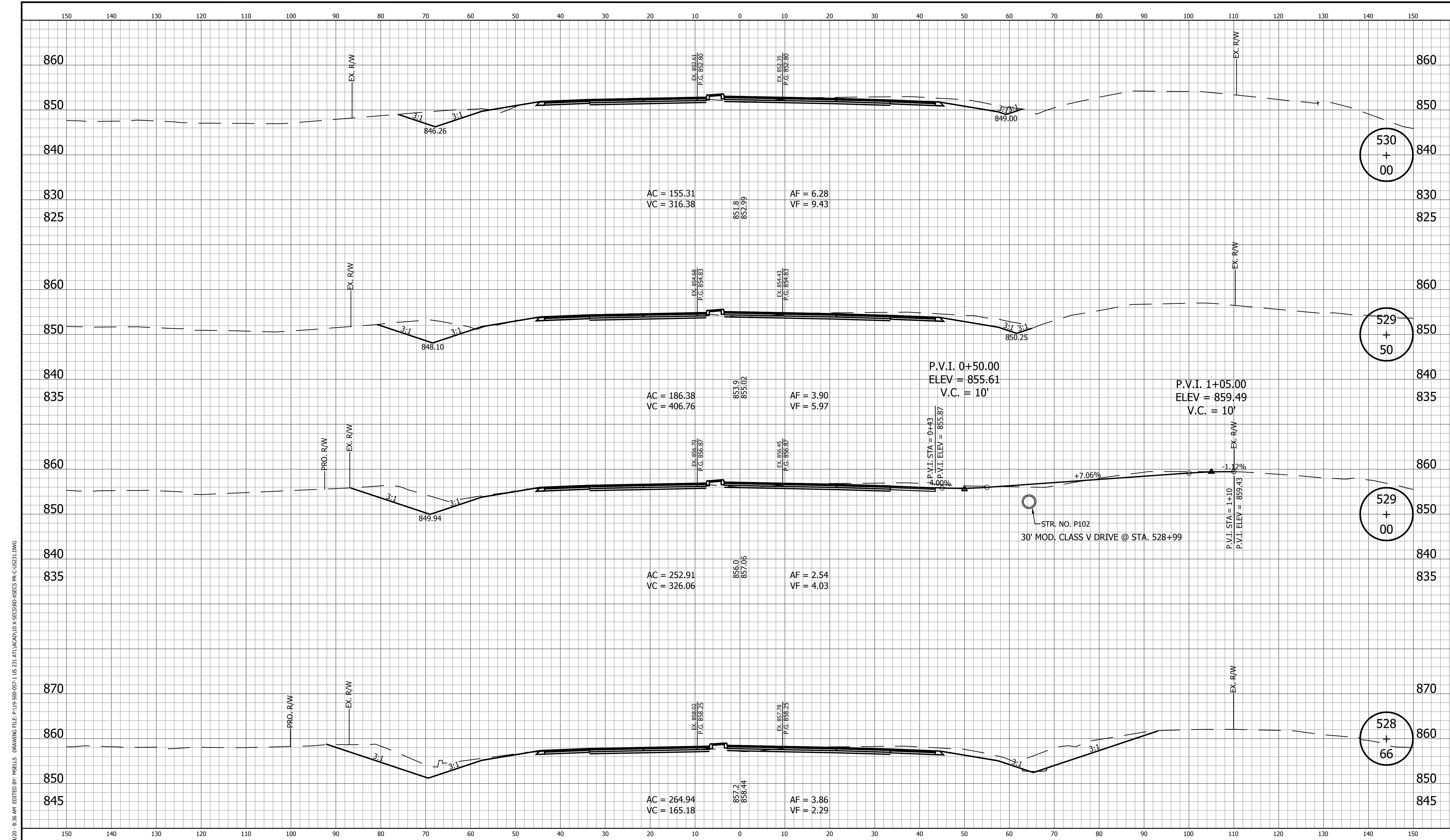
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
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CHECKED: LLC	CHECKED: LLC			1" = 10'	1700091	
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				49	of 84	
				CONTRACT	PROJECT	
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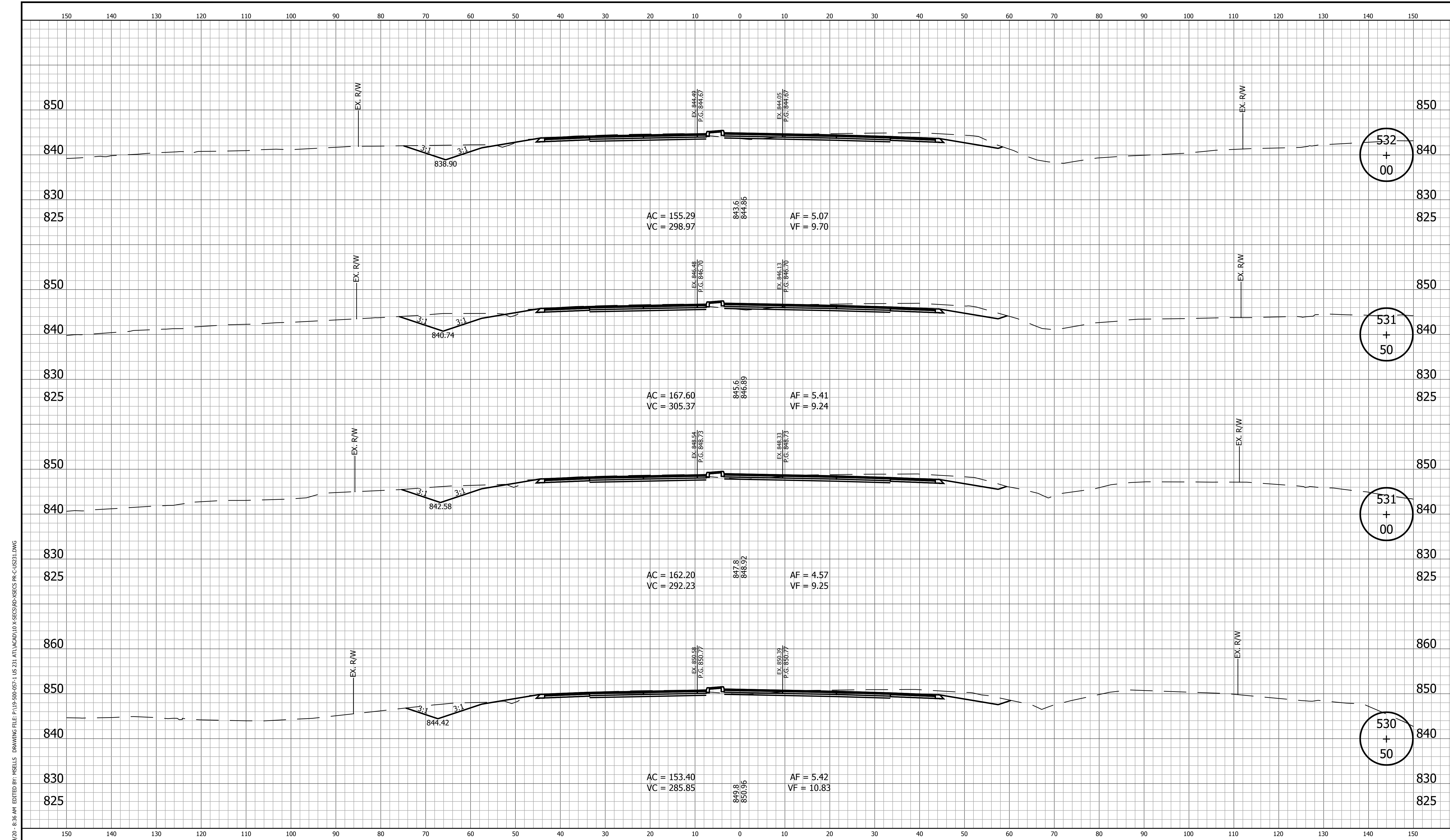
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	DESIGNED: <u>RDS</u> DRAWN: <u>MSS</u> CHECKED: <u>LLC</u> CHECKED: <u>LLC</u>	CROSS SECTIONS LINE "PR-C"	SURVEY BOOK _____ SHEET _____ 50 of 84 CONTRACT R-40742 PROJECT 1700091



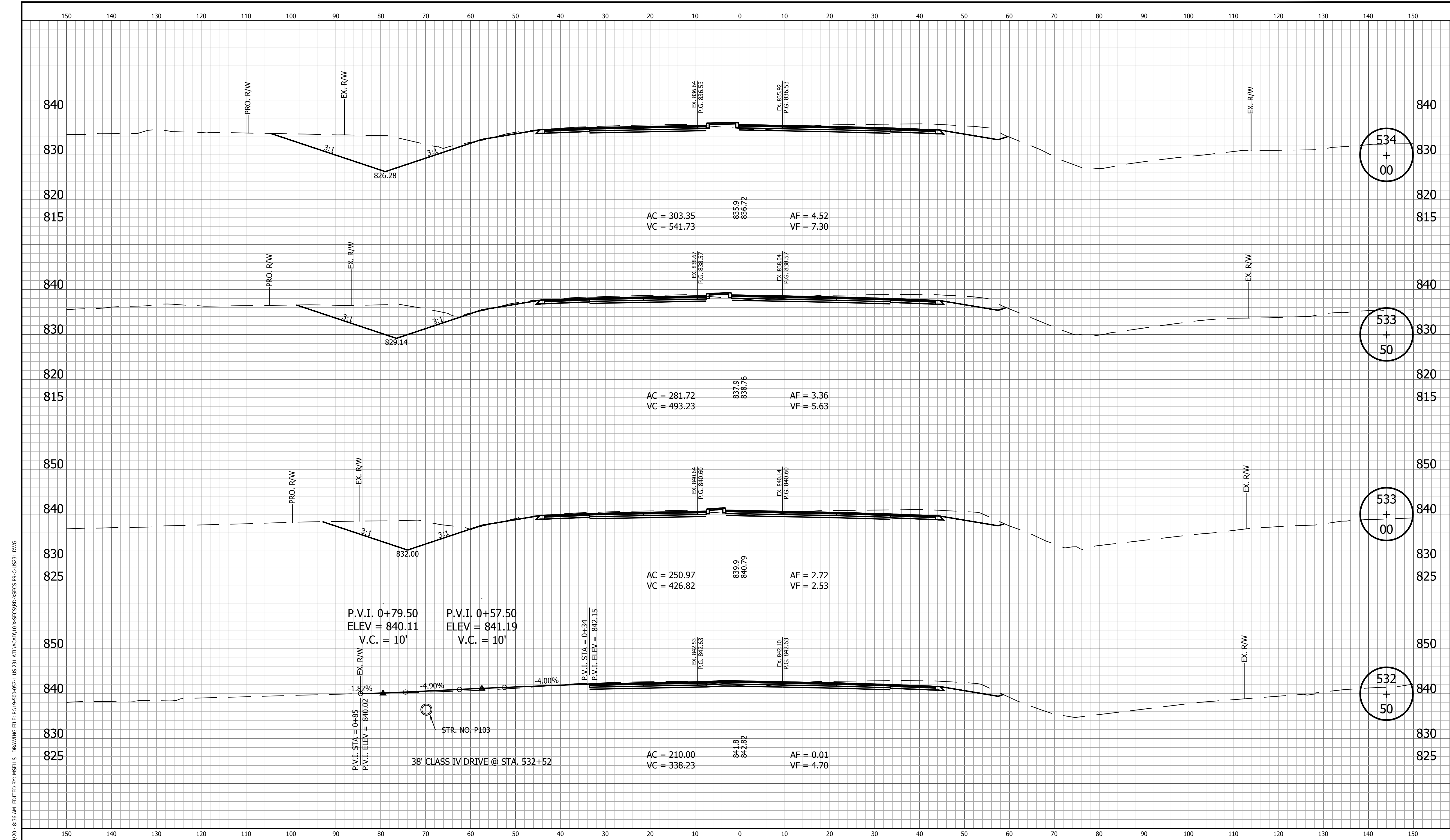
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		INDIANA DEPARTMENT OF TRANSPORTATION	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>1" = 10'</td> <td>N/A</td> </tr> <tr> <td>VERTICAL SCALE</td> <td>DESIGNATION</td> </tr> <tr> <td>1" = 10'</td> <td>1700091</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEET</td> </tr> <tr> <td></td> <td>51 of 84</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td>R-40742</td> <td>1700091</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1" = 10'	N/A	VERTICAL SCALE	DESIGNATION	1" = 10'	1700091	SURVEY BOOK	SHEET		51 of 84	CONTRACT	PROJECT	R-40742	1700091
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1" = 10'	N/A																		
VERTICAL SCALE	DESIGNATION																		
1" = 10'	1700091																		
SURVEY BOOK	SHEET																		
	51 of 84																		
CONTRACT	PROJECT																		
R-40742	1700091																		
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____		CROSS SECTIONS LINE "PR-C"																	
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CHECKED: <u>LLC</u>	CHECKED: <u>LLC</u>																		



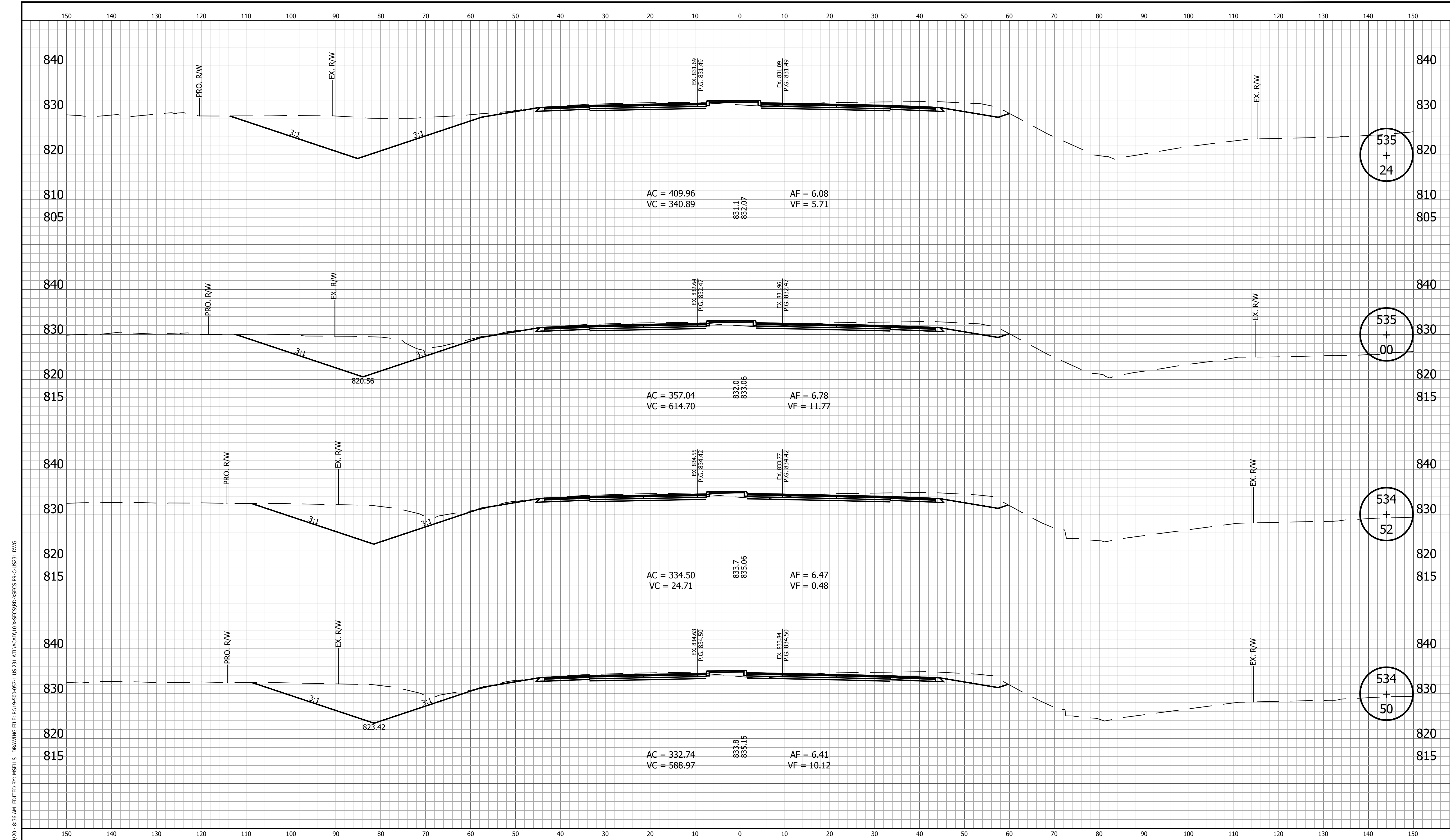
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	DESIGNED: <u>RDS</u> DRAWN: <u>MSS</u> CHECKED: <u>LLC</u> CHECKED: <u>LLC</u>	CROSS SECTIONS LINE "PR-C"	SURVEY BOOK _____ SHEET 52 of 84	CONTRACT R-40742 PROJECT 1700091



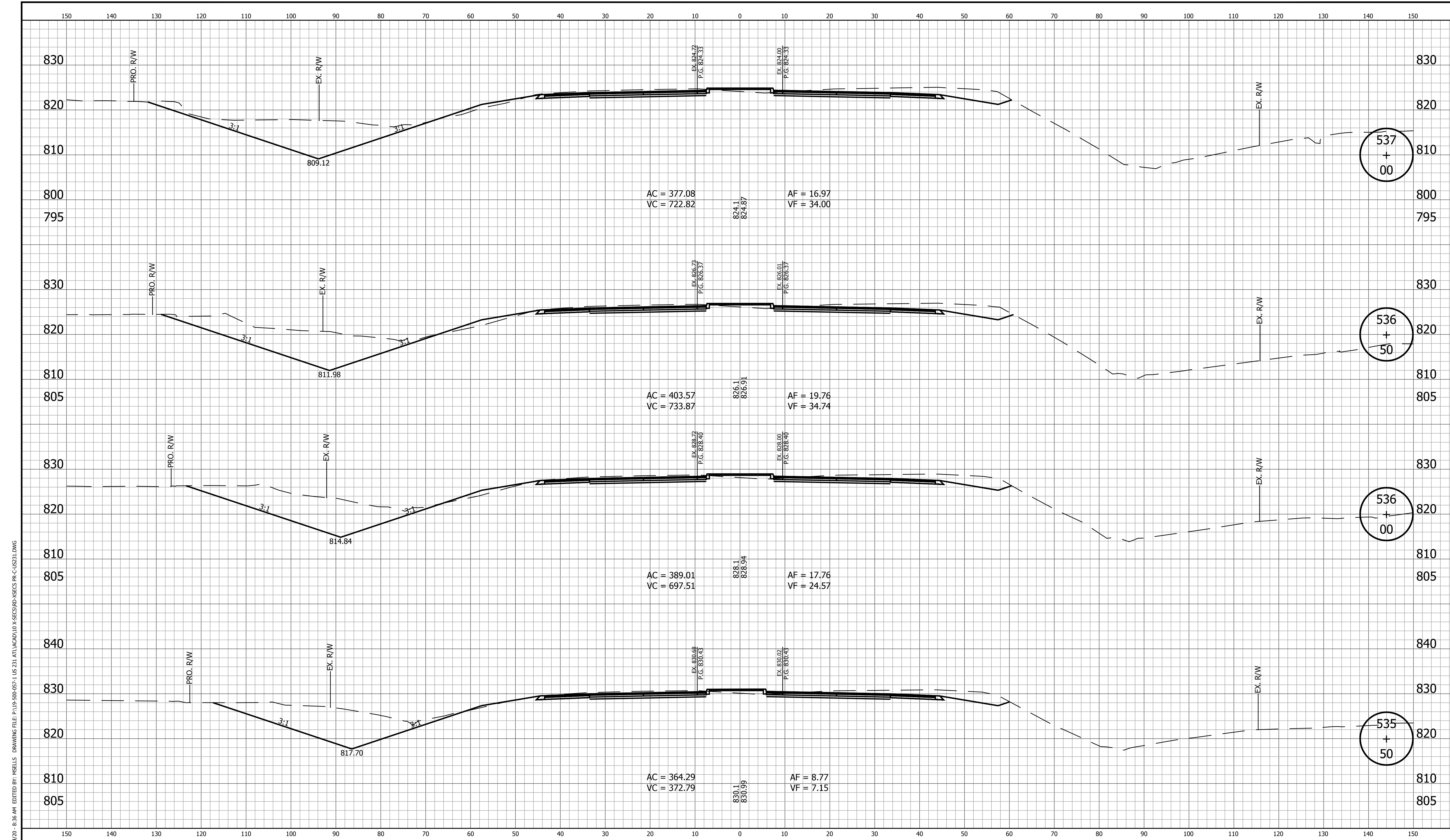
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	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>1" = 10'</td> <td>N/A</td> </tr> <tr> <td>VERTICAL SCALE</td> <td>DESIGNATION</td> </tr> <tr> <td>1" = 10'</td> <td>1700091</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEET</td> </tr> <tr> <td></td> <td>53 of 84</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td>R-40742</td> <td>1700091</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1" = 10'	N/A	VERTICAL SCALE	DESIGNATION	1" = 10'	1700091	SURVEY BOOK	SHEET		53 of 84	CONTRACT	PROJECT	R-40742	1700091
HORIZONTAL SCALE	BRIDGE FILE																		
1" = 10'	N/A																		
VERTICAL SCALE	DESIGNATION																		
1" = 10'	1700091																		
SURVEY BOOK	SHEET																		
	53 of 84																		
CONTRACT	PROJECT																		
R-40742	1700091																		
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	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 10' VERTICAL SCALE 1" = 10'	BRIDGE FILE N/A DESIGNATION 1700091
	DESIGNED: <u>RDS</u> CHECKED: <u>LLC</u>	DRAWN: <u>MSS</u> CHECKED: <u>LLC</u>	CROSS SECTIONS LINE "PR-C"	
			SURVEY BOOK R-40742	SHEET 54 of 84 PROJECT 1700091



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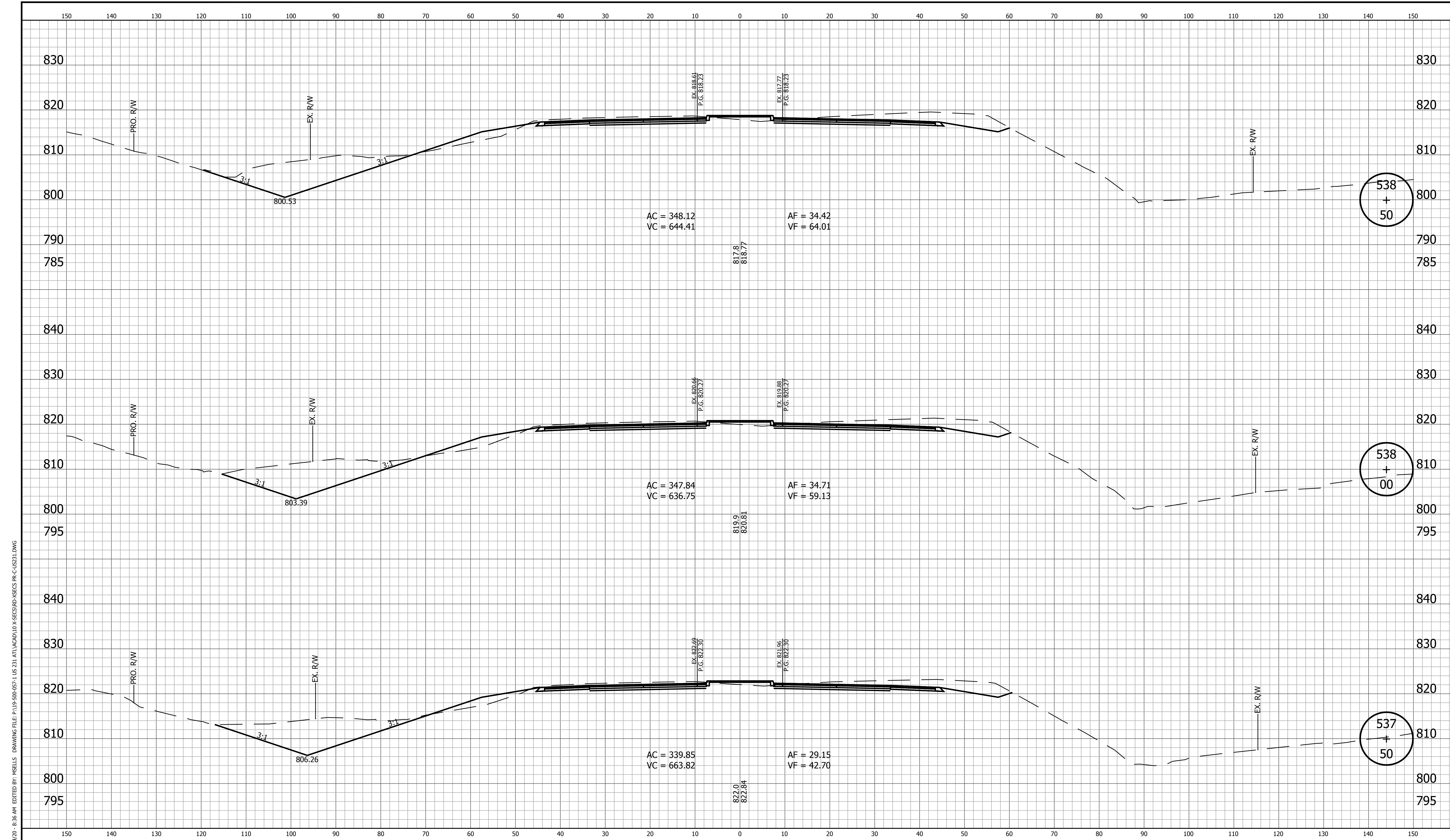
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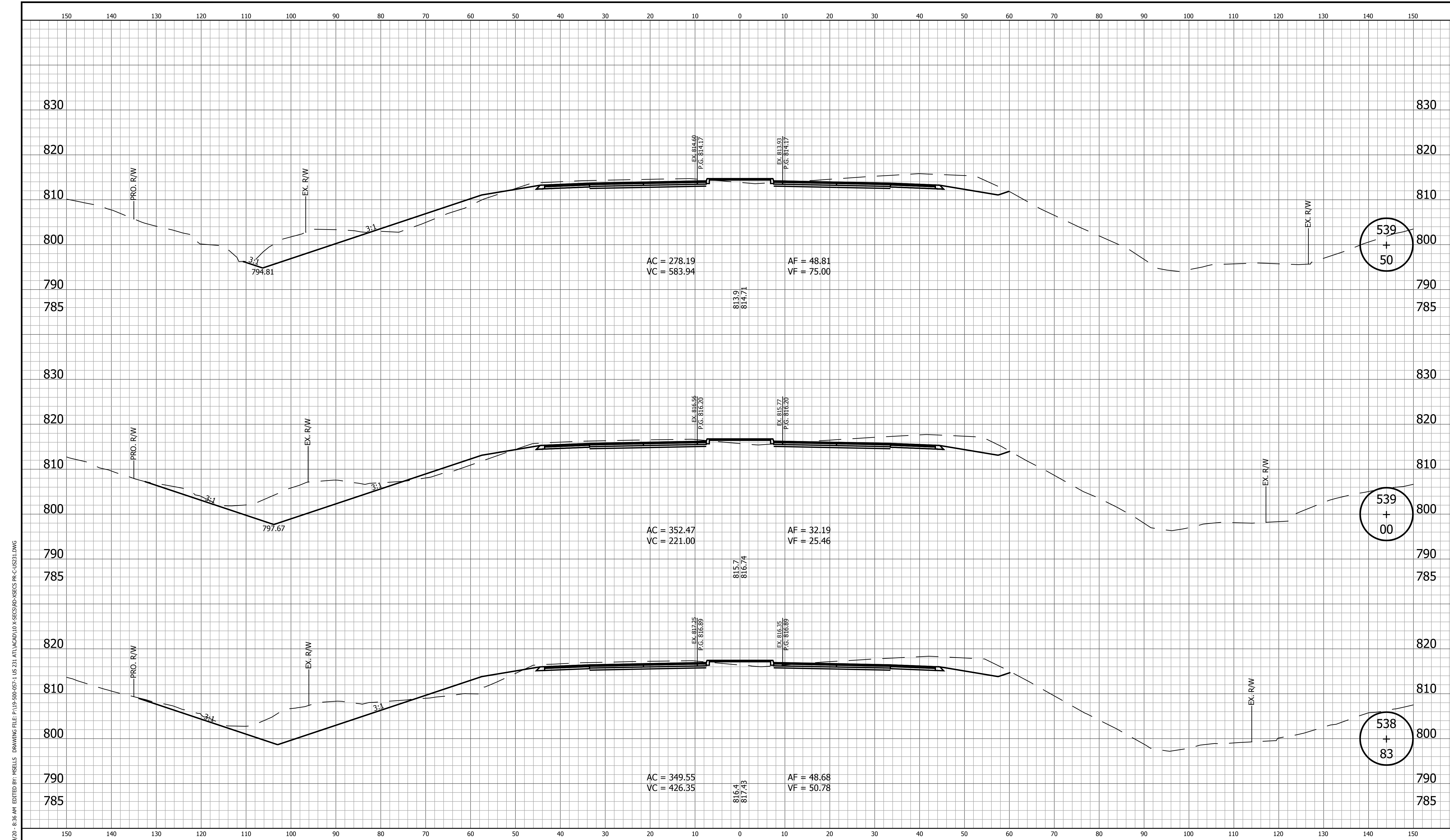
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HORIZONTAL SCALE	BRIDGE FILE																		
1" = 10'	N/A																		
VERTICAL SCALE	DESIGNATION																		
1" = 10'	1700091																		
SURVEY BOOK	SHEET																		
	55 of 84																		
CONTRACT	PROJECT																		
R-40742	1700091																		
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RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____																		
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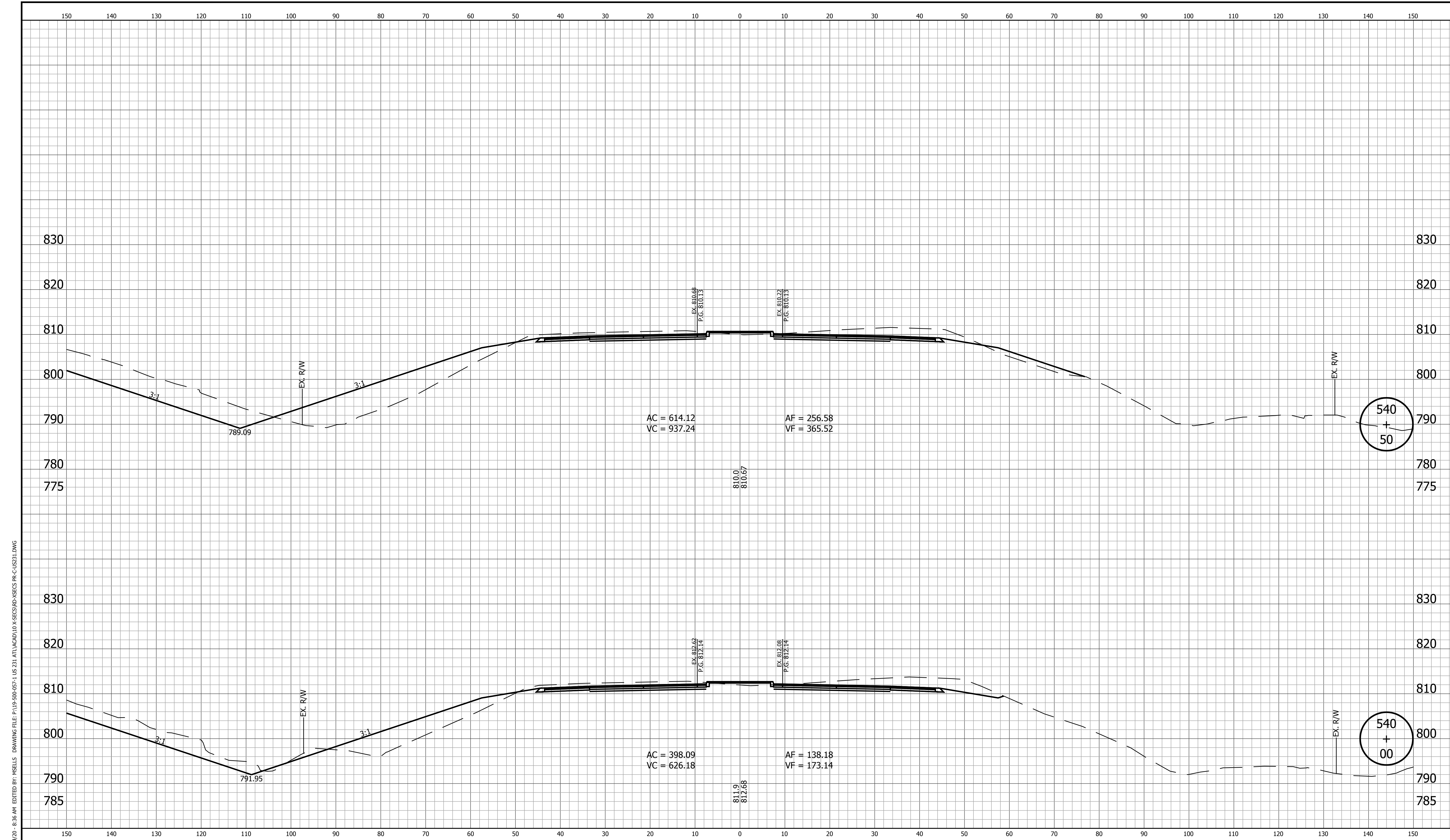
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	DESIGNED: <u>RDS</u> CHECKED: <u>LLC</u>	DRAWN: <u>MSS</u> CHECKED: <u>LLC</u>	CROSS SECTIONS LINE "PR-C"	
			SURVEY BOOK R-40742	SHEET 56 of 84 PROJECT 1700091



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VC = 937.24

AF = 256.58
VF = 365.52

810.0
810.67

540
+
50

AC = 398.09
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811.9
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540
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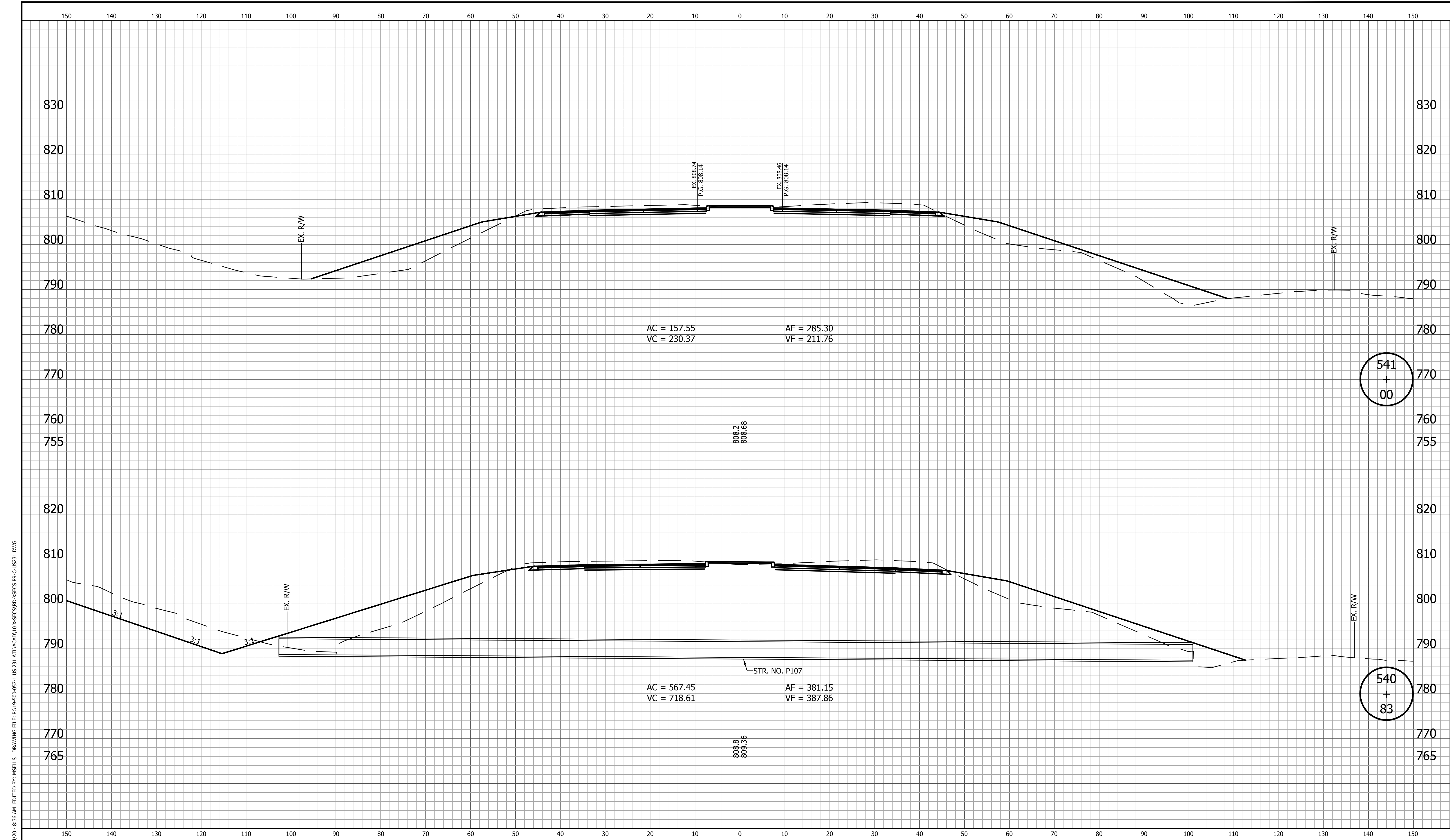
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CHECKED: <u>LLC</u>	CHECKED: <u>LLC</u>		

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-C"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1700091
SURVEY BOOK	SHEET
	58 of 84
CONTRACT	PROJECT
R-40742	1700091



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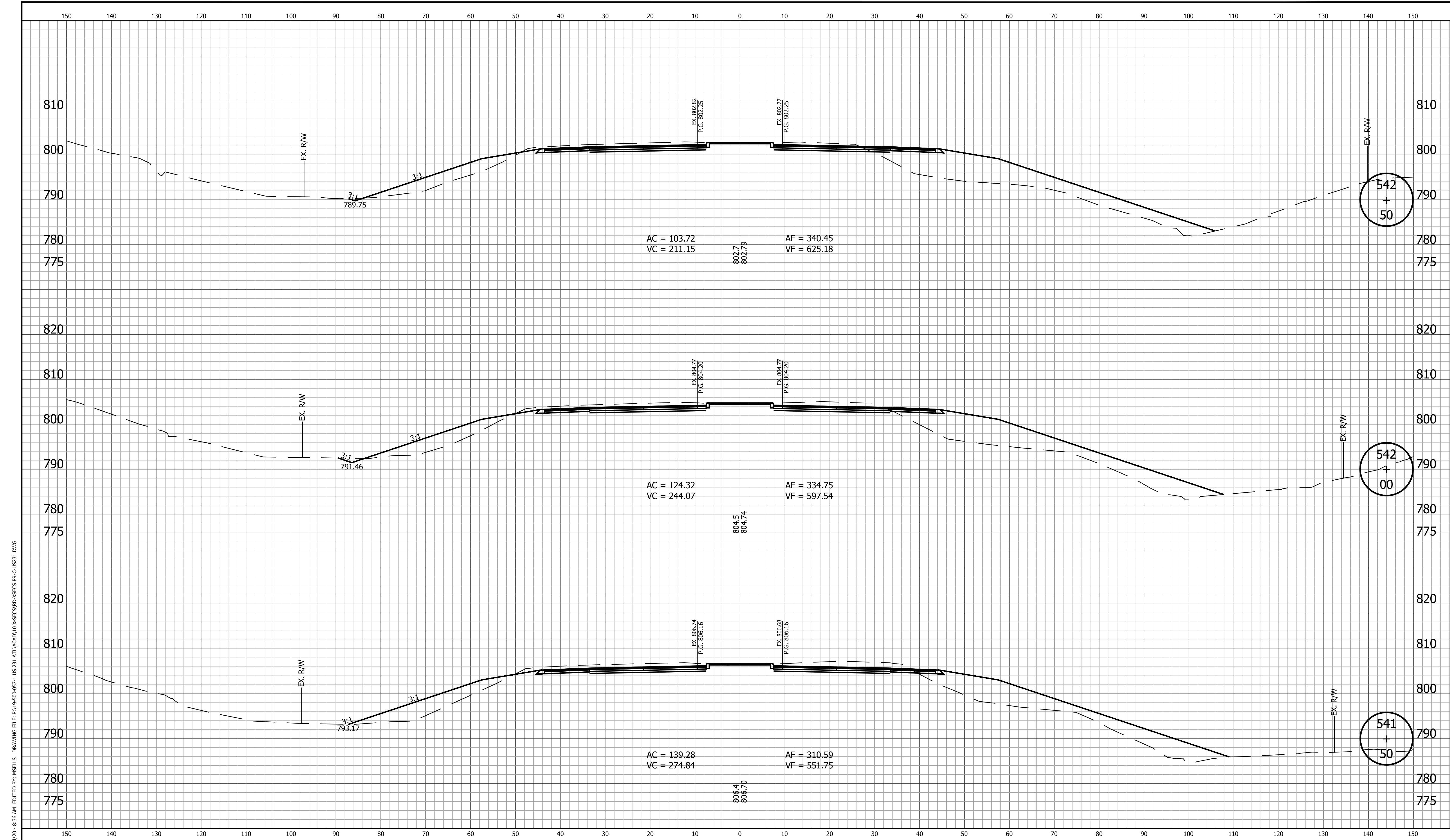
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INDIANA
DEPARTMENT OF TRANSPORTATION

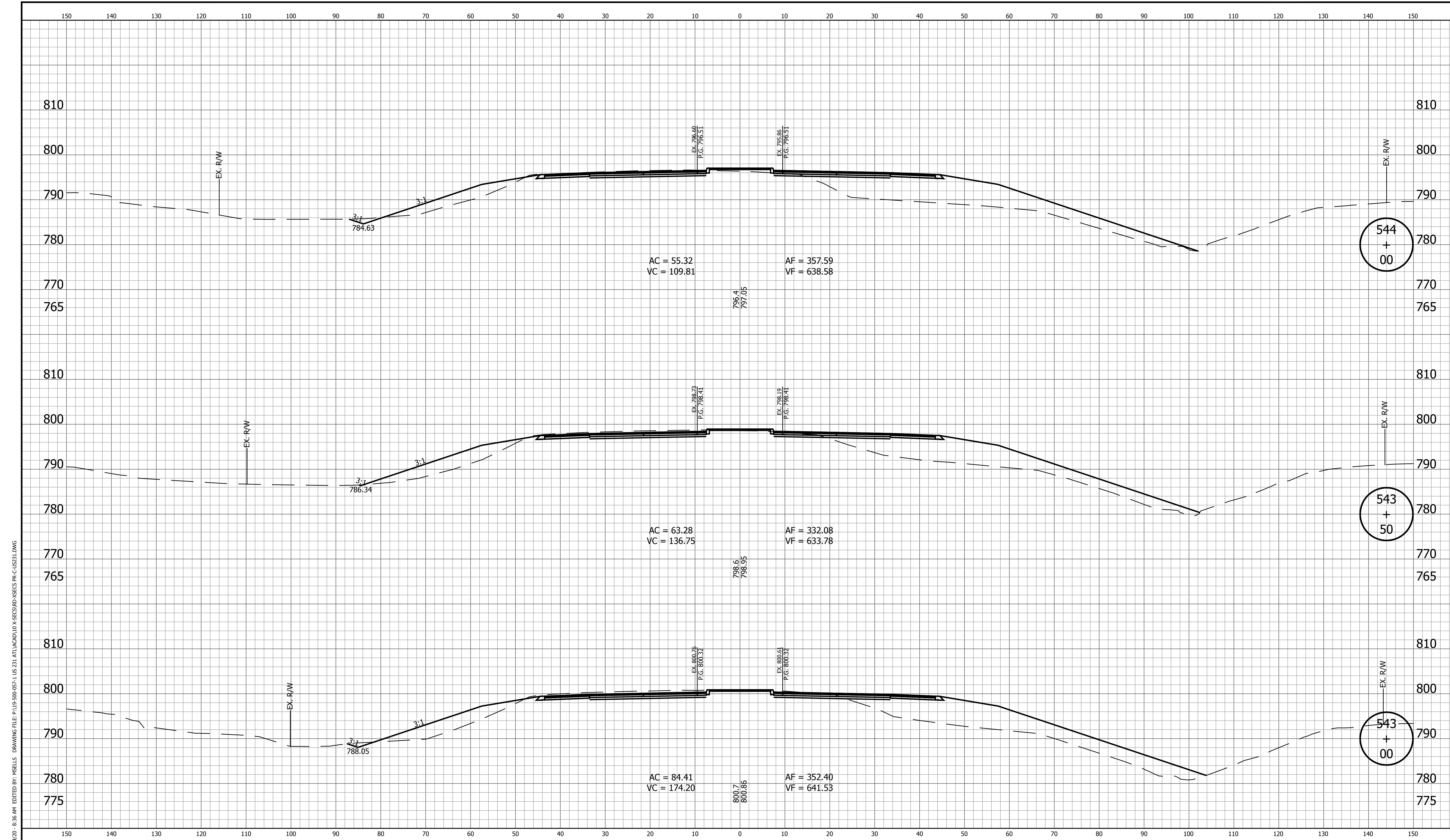
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LINE "PR-C"

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VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEET
	59 of 84
CONTRACT	PROJECT
R-40742	1700091



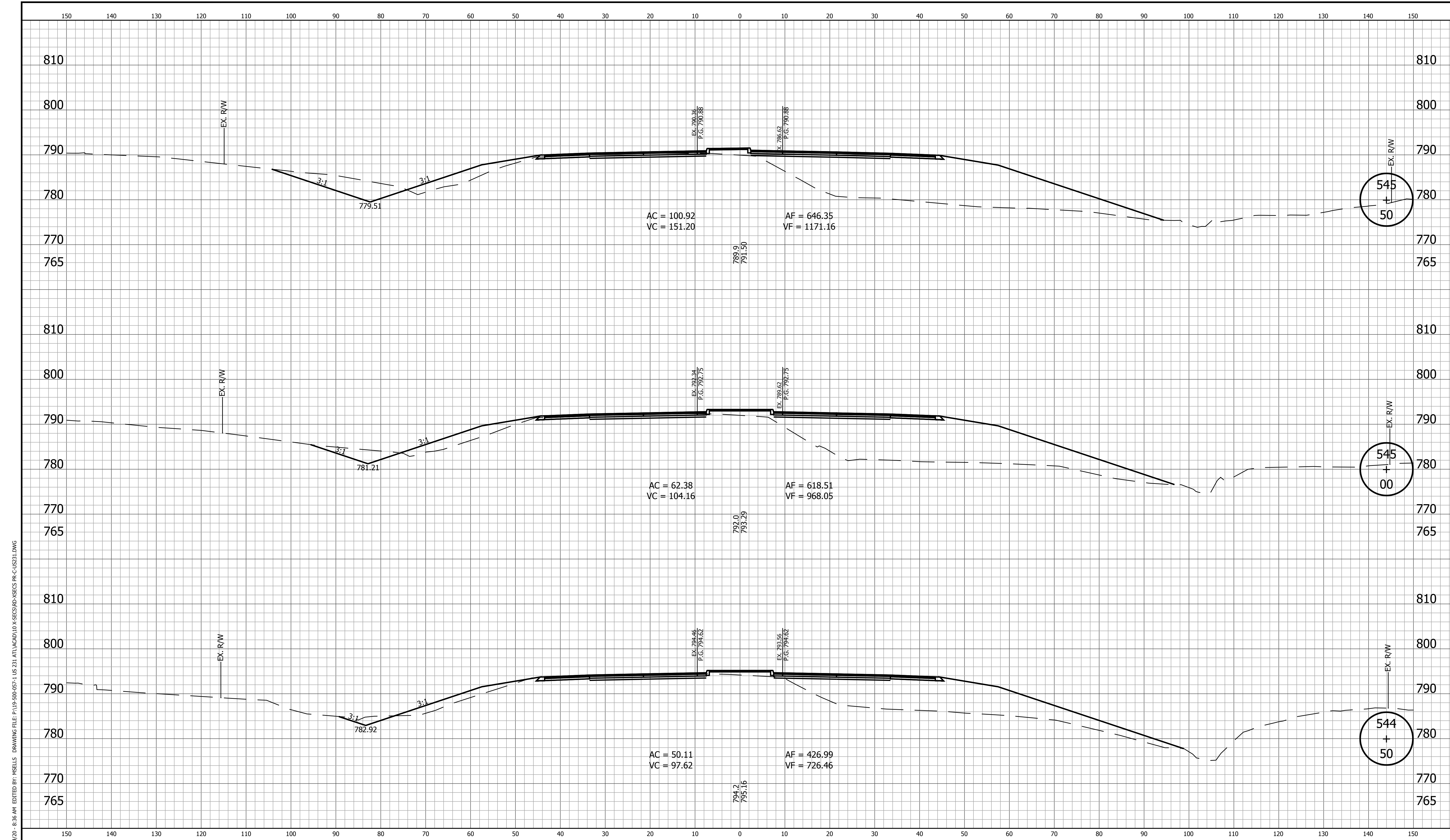
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				1" = 10'	N/A
DESIGNED: <u>RDS</u> DRAWN: <u>MSS</u>		CROSS SECTIONS LINE "PR-C"		VERTICAL SCALE	DESIGNATION
				1" = 10'	1700091
CHECKED: <u>LLC</u> CHECKED: <u>LLC</u>				SURVEY BOOK	SHEET
					60 of 84
				CONTRACT	PROJECT
				R-40742	1700091



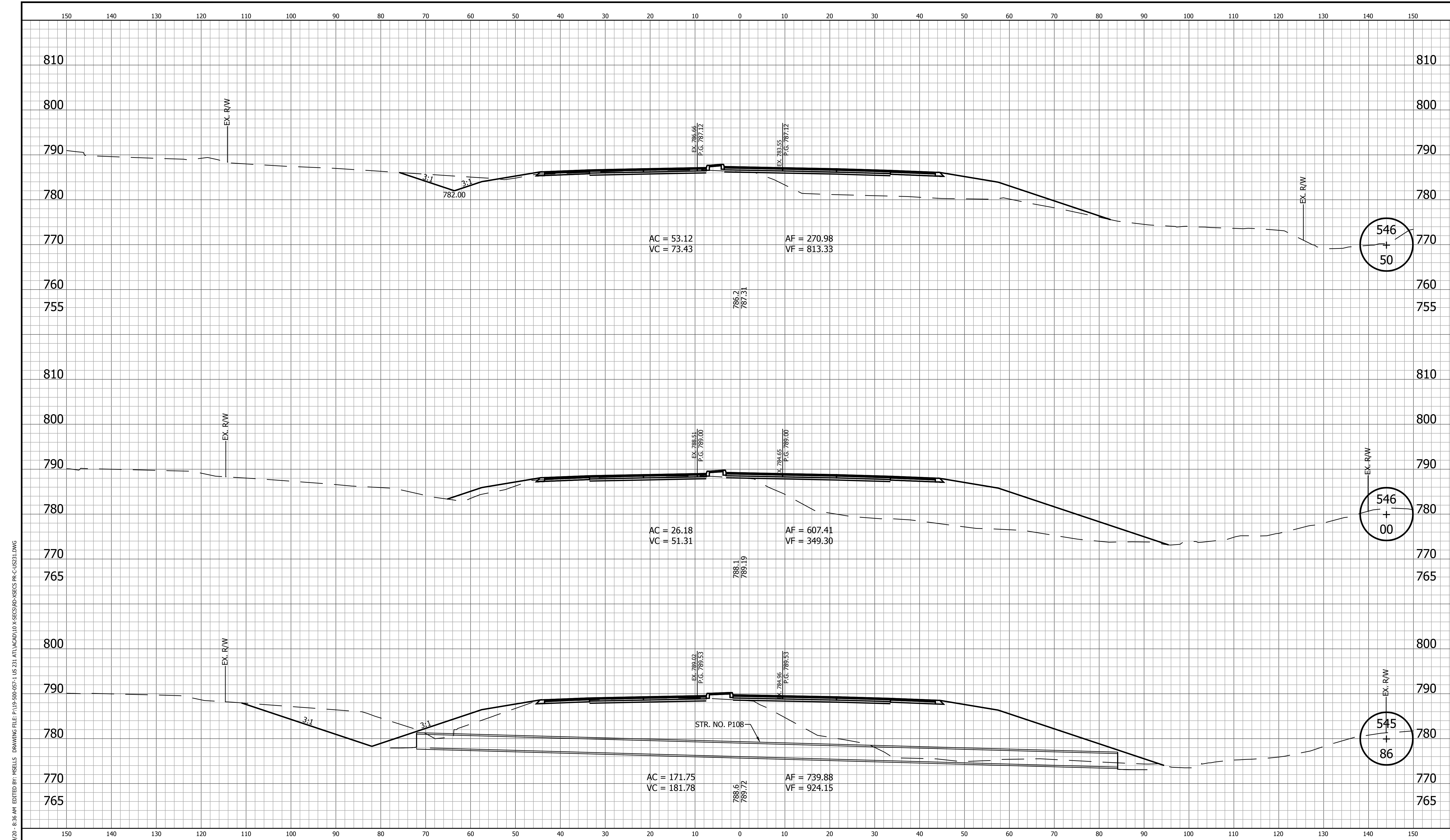
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	DESIGNED: <u>RDS</u> DRAWN: <u>MSS</u> CHECKED: <u>LLC</u> CHECKED: <u>LLC</u>	CROSS SECTIONS LINE "PR-C"	SURVEY BOOK _____ SHEET _____ 61 of 84 CONTRACT R-40742 PROJECT 1700091



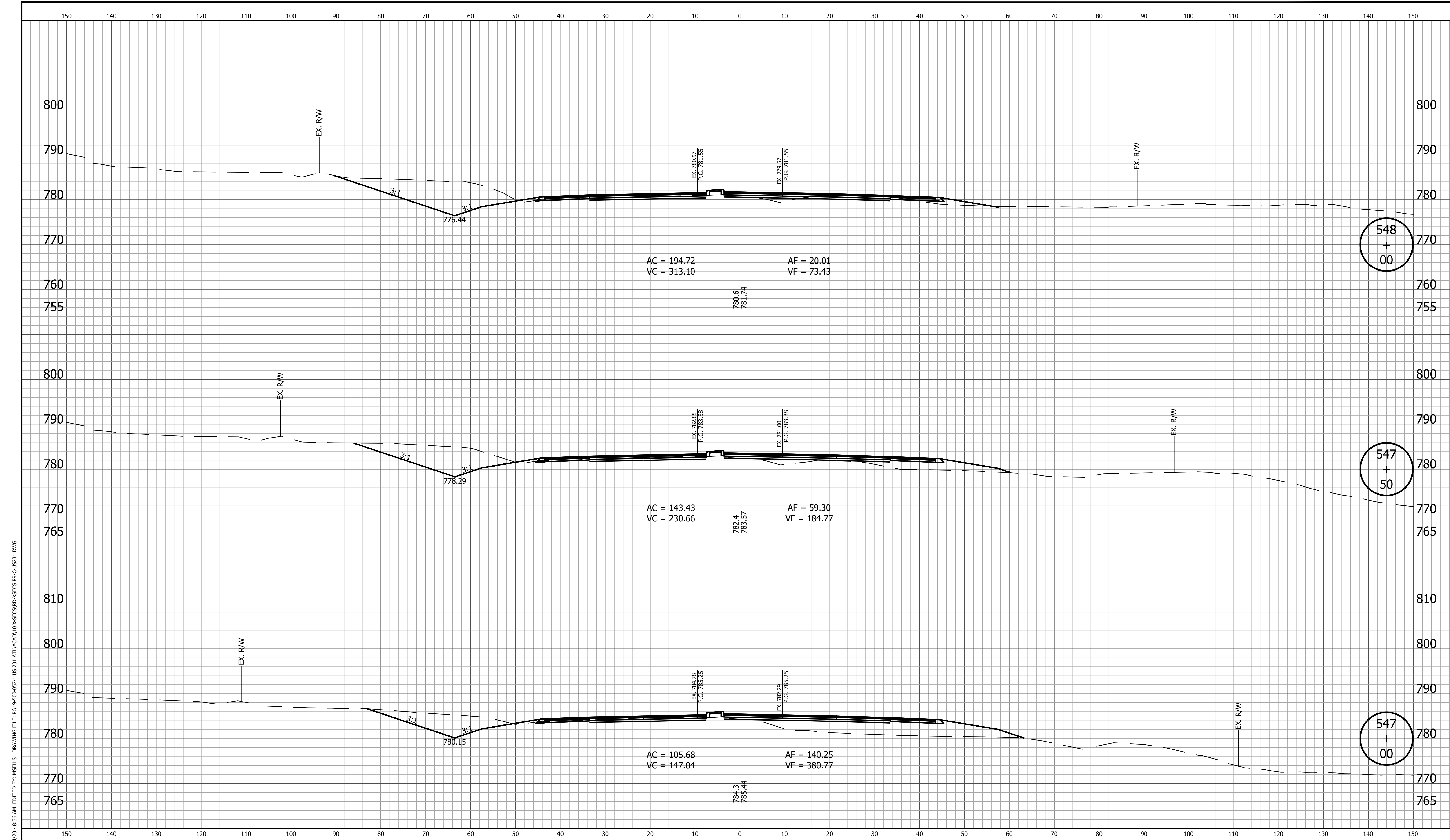
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				1" = 10'	N/A
DESIGNED: <u>RDS</u> DRAWN: <u>MSS</u>		CROSS SECTIONS LINE "PR-C"		VERTICAL SCALE	DESIGNATION
				1" = 10'	1700091
CHECKED: <u>LLC</u> CHECKED: <u>LLC</u>				SURVEY BOOK	SHEET
					62 of 84
				CONTRACT	PROJECT
				R-40742	1700091



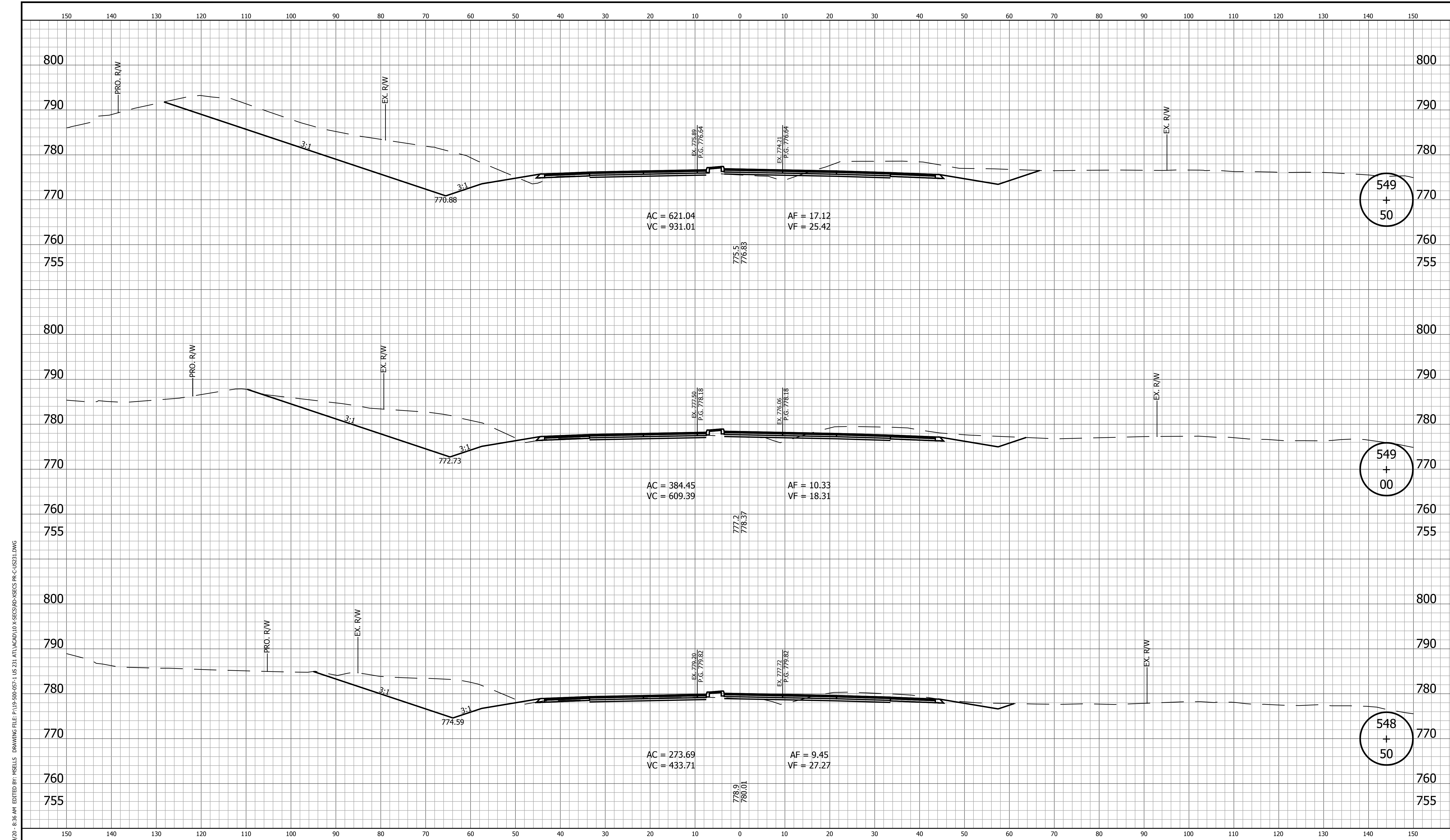
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1" = 10'	N/A																		
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	63 of 84																		
CONTRACT	PROJECT																		
R-40742	1700091																		
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RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____																		
DESIGNED: <u>RDS</u>	DRAWN: <u>MSS</u>																		
CHECKED: <u>LLC</u>	CHECKED: <u>LLC</u>																		



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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
				1" = 10'	N/A
DESIGNED: RDS	DRAWN: MSS		CROSS SECTIONS LINE "PR-C"	VERTICAL SCALE	DESIGNATION
CHECKED: LLC	CHECKED: LLC			1" = 10'	1700091
				SURVEY BOOK	SHEET
					64 of 84
				CONTRACT	PROJECT
				R-40742	1700091



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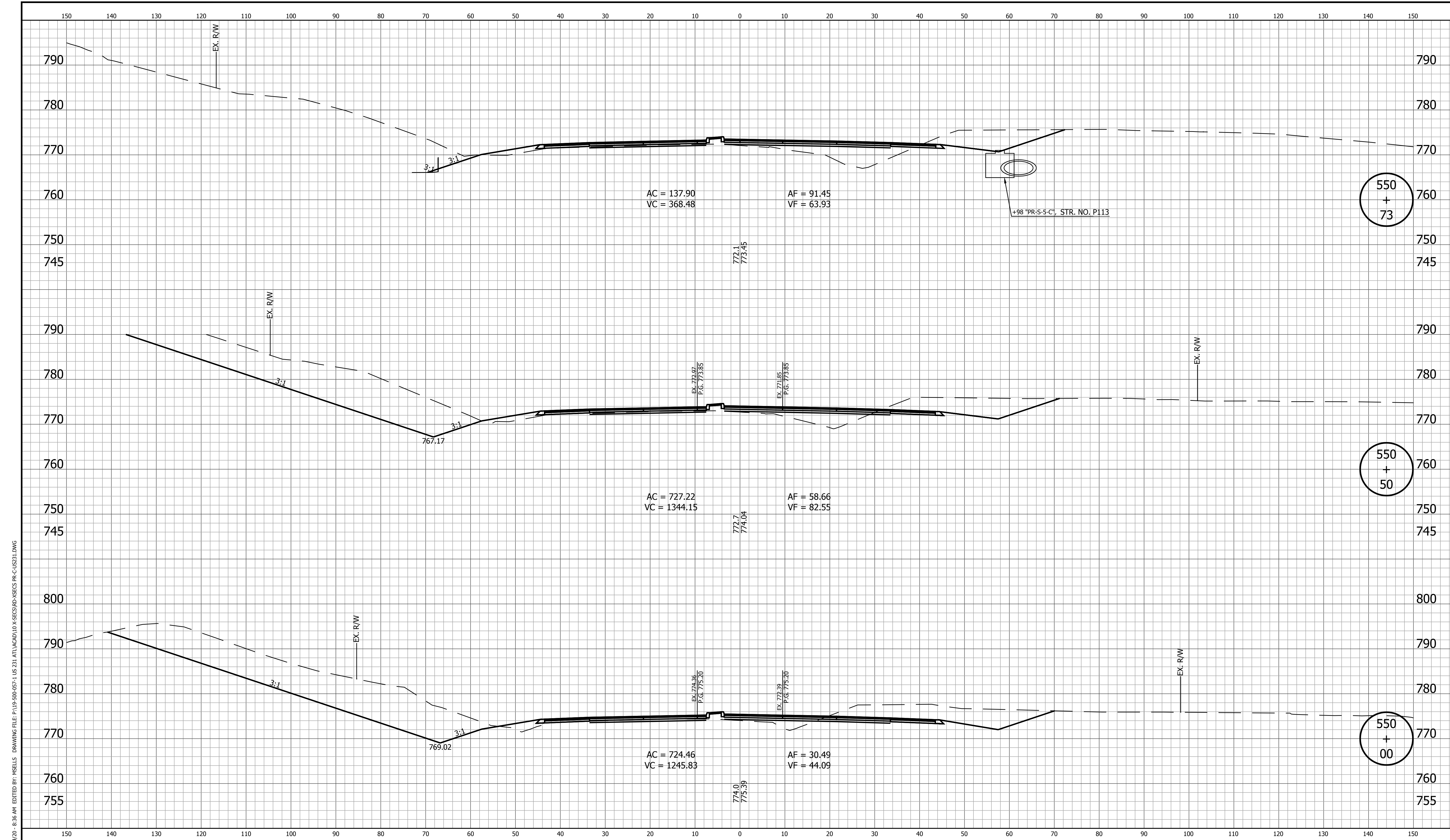
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: RDS		DRAWN: MSS	
CHECKED: LLC		CHECKED: LLC	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-C"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1700091
SURVEY BOOK	SHEET
	65 of 84
CONTRACT	PROJECT
R-40742	1700091



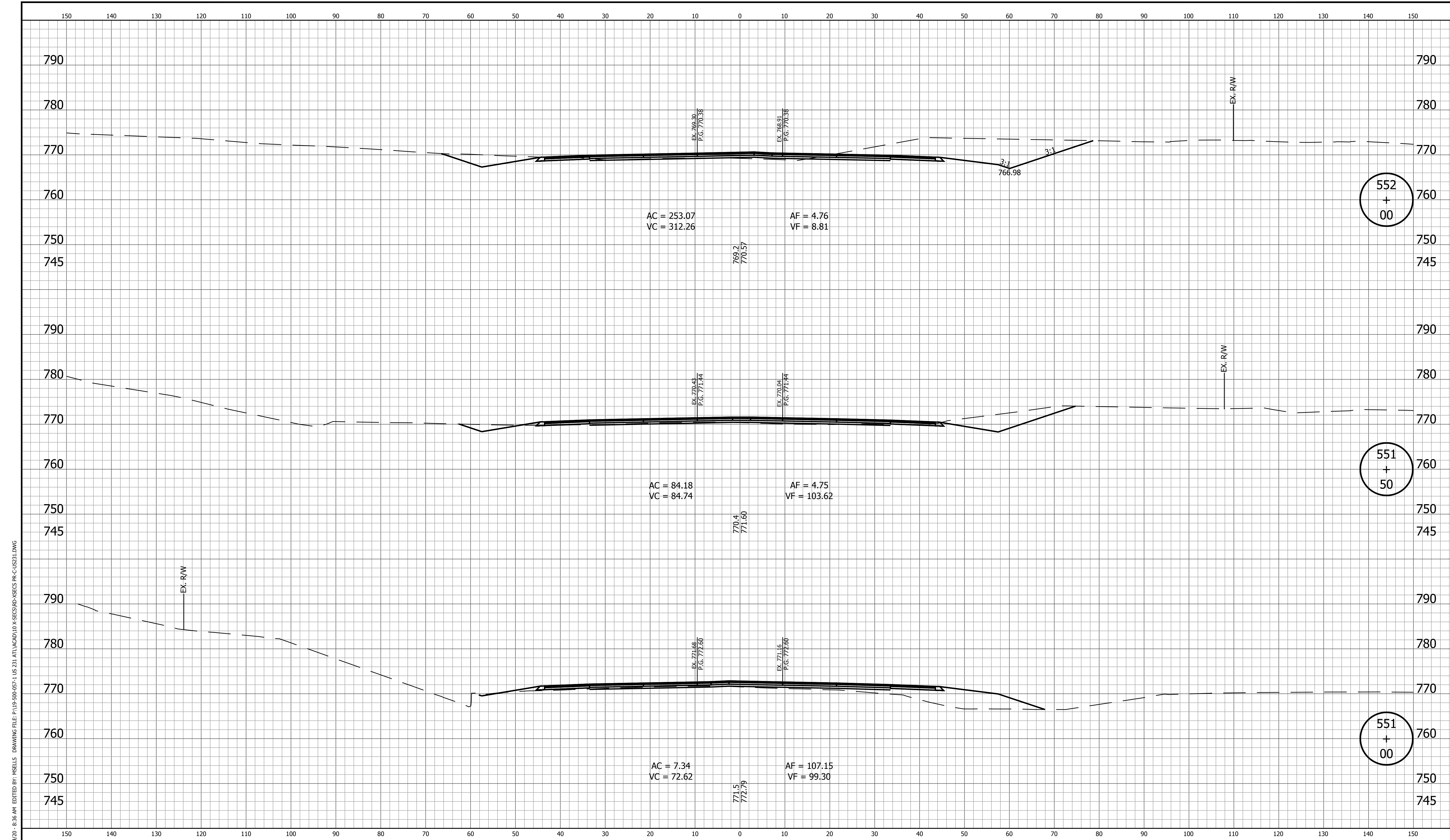
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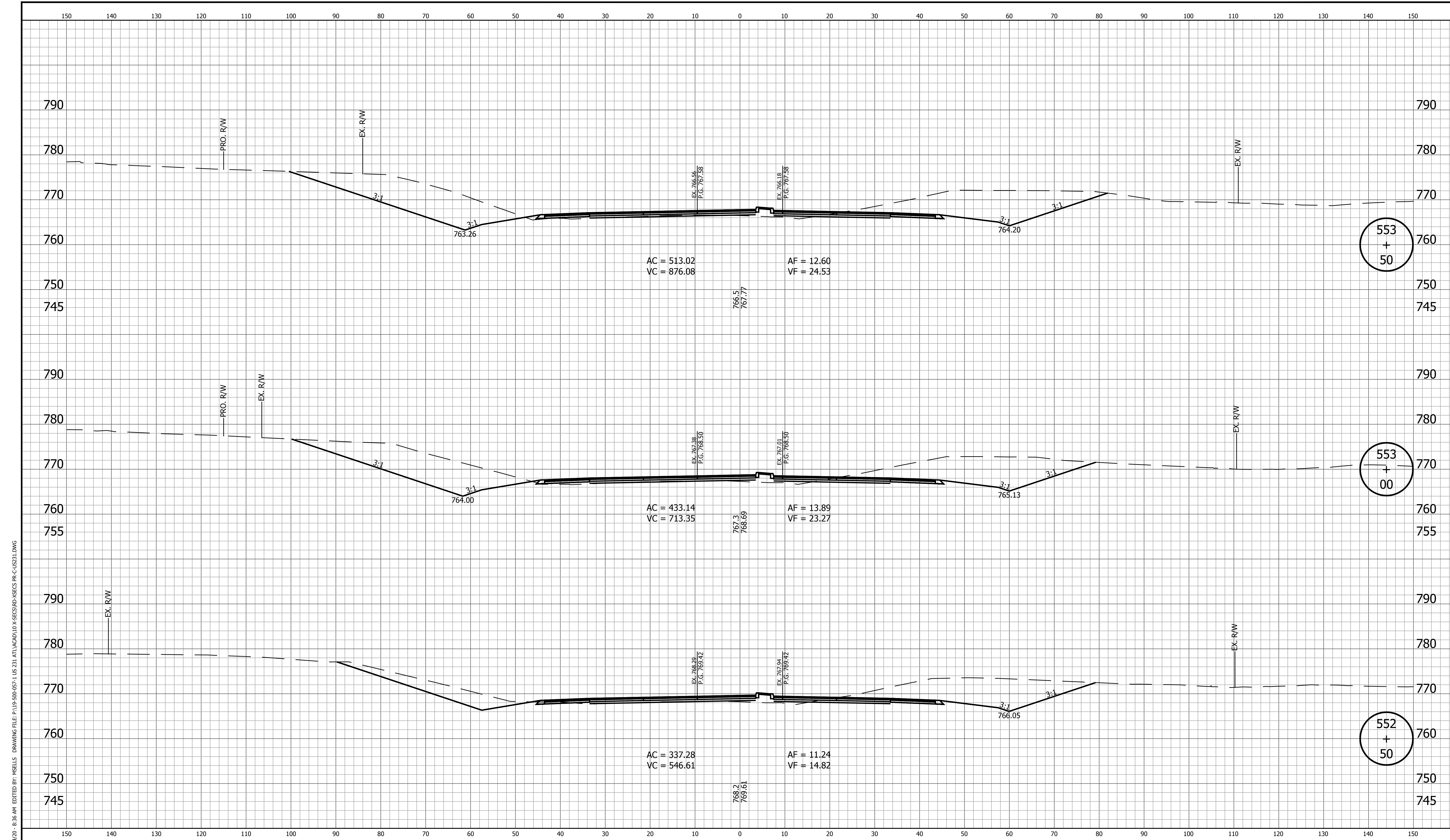
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	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 10' VERTICAL SCALE 1" = 10' BRIDGE FILE N/A DESIGNATION 1700091
	DESIGNED: <u>RDS</u> DRAWN: <u>MSS</u> CHECKED: <u>LLC</u> CHECKED: <u>LLC</u>	CROSS SECTIONS LINE "PR-C"	SURVEY BOOK _____ SHEET _____ 66 of 84 CONTRACT R-40742 PROJECT 1700091



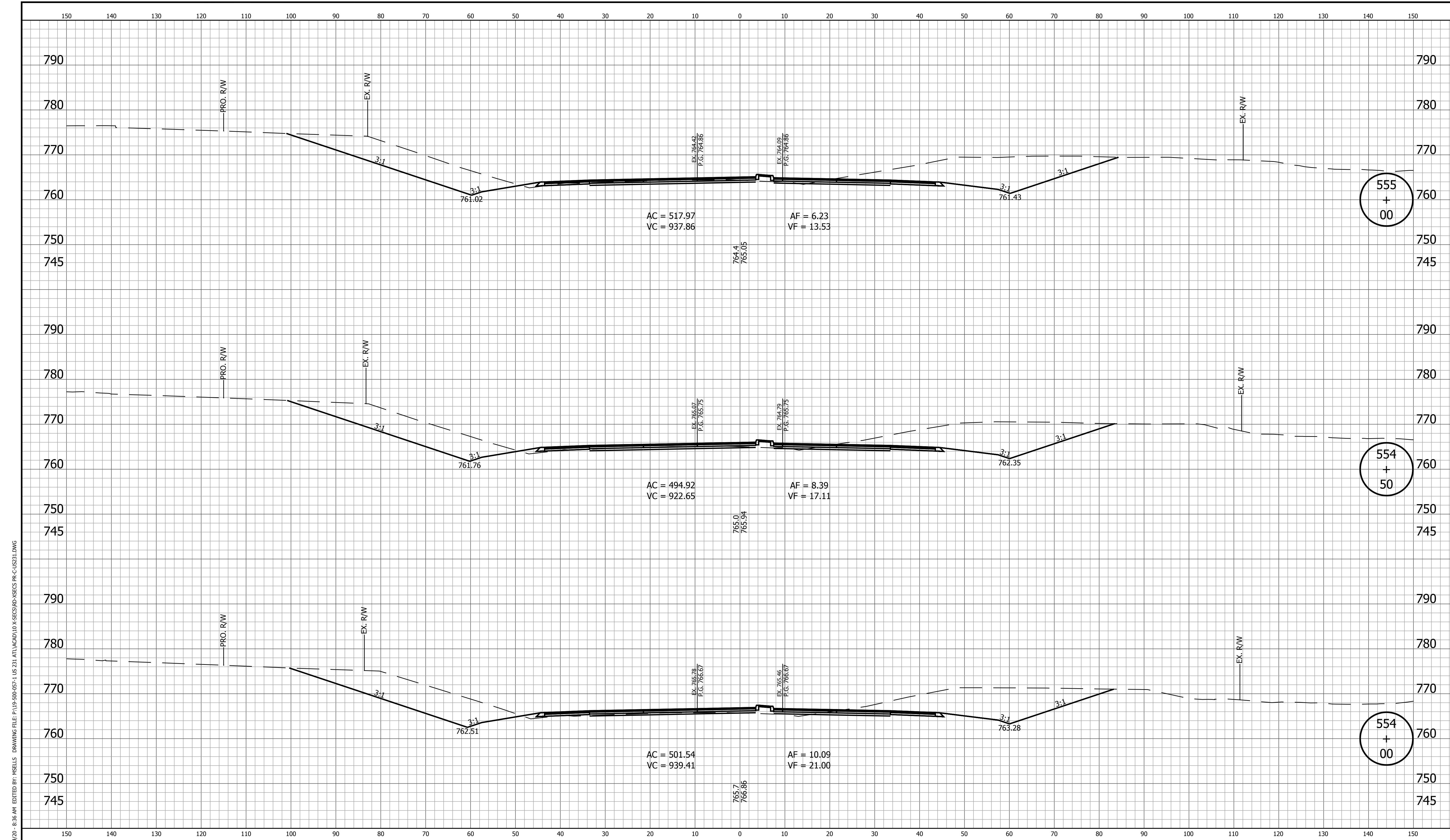
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	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 10' VERTICAL SCALE 1" = 10'	BRIDGE FILE N/A DESIGNATION 1700091
	DESIGNED: <u>RDS</u> DRAWN: <u>MSS</u> CHECKED: <u>LLC</u> CHECKED: <u>LLC</u>	CROSS SECTIONS LINE "PR-C"	SURVEY BOOK _____ of _____ SHEET 67 of 84	CONTRACT R-40742 PROJECT 1700091



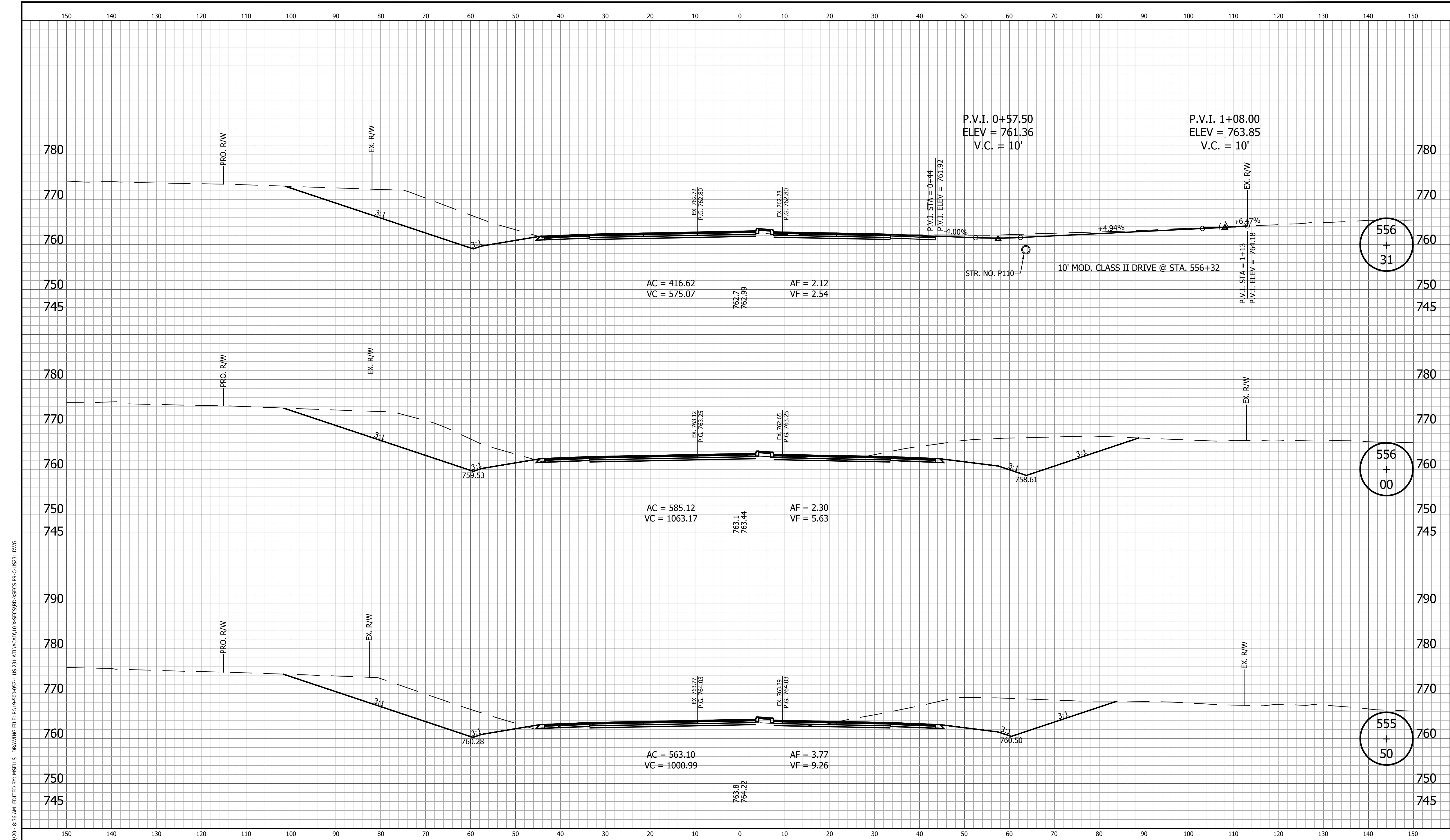
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	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>HORIZONTAL SCALE</td><td>BRIDGE FILE</td></tr> <tr><td>1" = 10'</td><td>N/A</td></tr> <tr><td>VERTICAL SCALE</td><td>DESIGNATION</td></tr> <tr><td>1" = 10'</td><td>1700091</td></tr> <tr><td>SURVEY BOOK</td><td>SHEET</td></tr> <tr><td></td><td>68 of 84</td></tr> <tr><td>CONTRACT</td><td>PROJECT</td></tr> <tr><td>R-40742</td><td>1700091</td></tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1" = 10'	N/A	VERTICAL SCALE	DESIGNATION	1" = 10'	1700091	SURVEY BOOK	SHEET		68 of 84	CONTRACT	PROJECT	R-40742	1700091
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1" = 10'	N/A																		
VERTICAL SCALE	DESIGNATION																		
1" = 10'	1700091																		
SURVEY BOOK	SHEET																		
	68 of 84																		
CONTRACT	PROJECT																		
R-40742	1700091																		
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DESIGNED: RDS	DRAWN: MSS																		
CHECKED: LLC	CHECKED: LLC																		



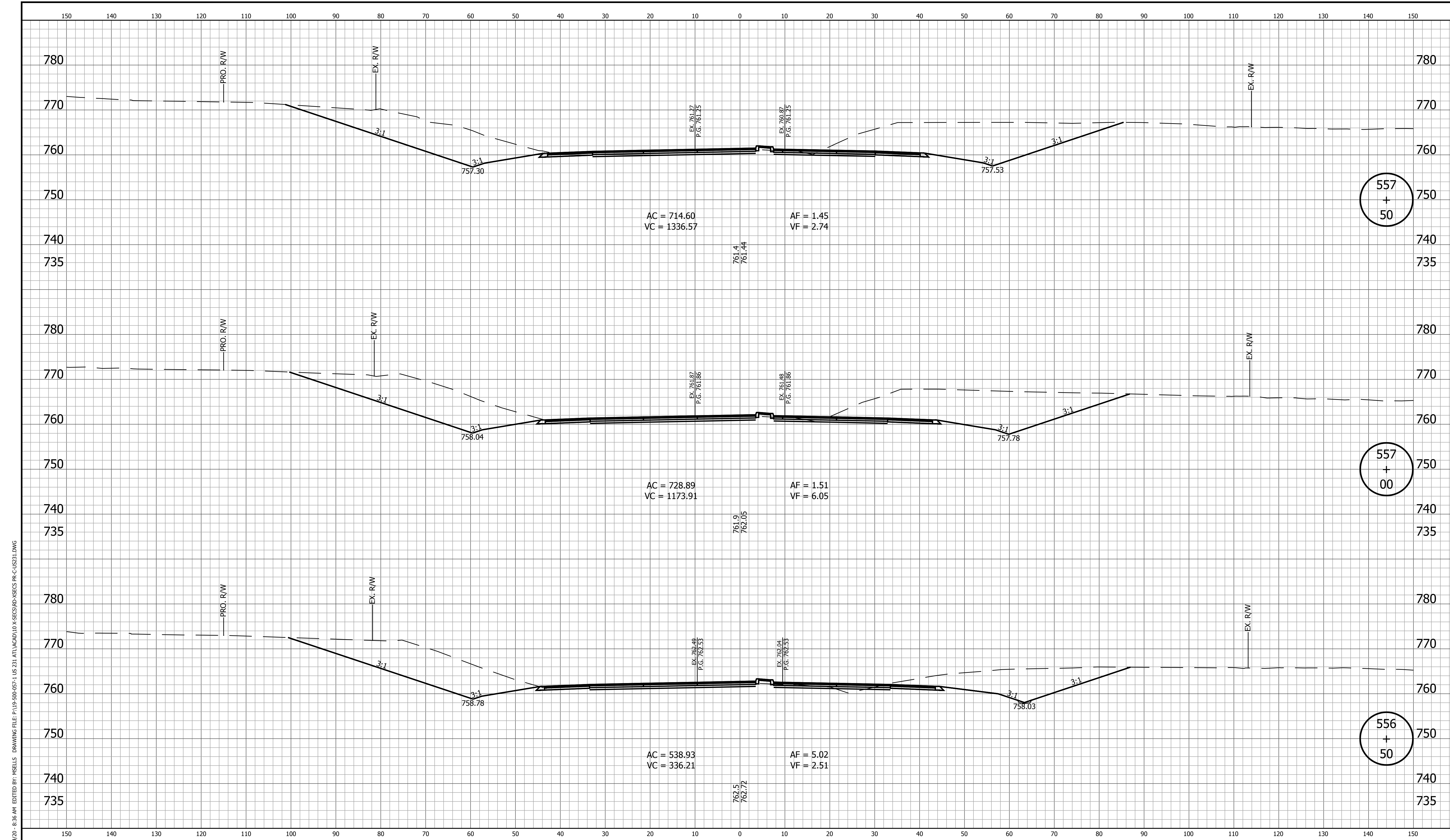
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	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 10' VERTICAL SCALE 1" = 10'	BRIDGE FILE N/A DESIGNATION 1700091
	DESIGNED: <u>RDS</u> DRAWN: <u>MSS</u> CHECKED: <u>LLC</u> CHECKED: <u>LLC</u>	CROSS SECTIONS LINE "PR-C"	SURVEY BOOK _____ SHEET 69 of 84	CONTRACT R-40742 PROJECT 1700091



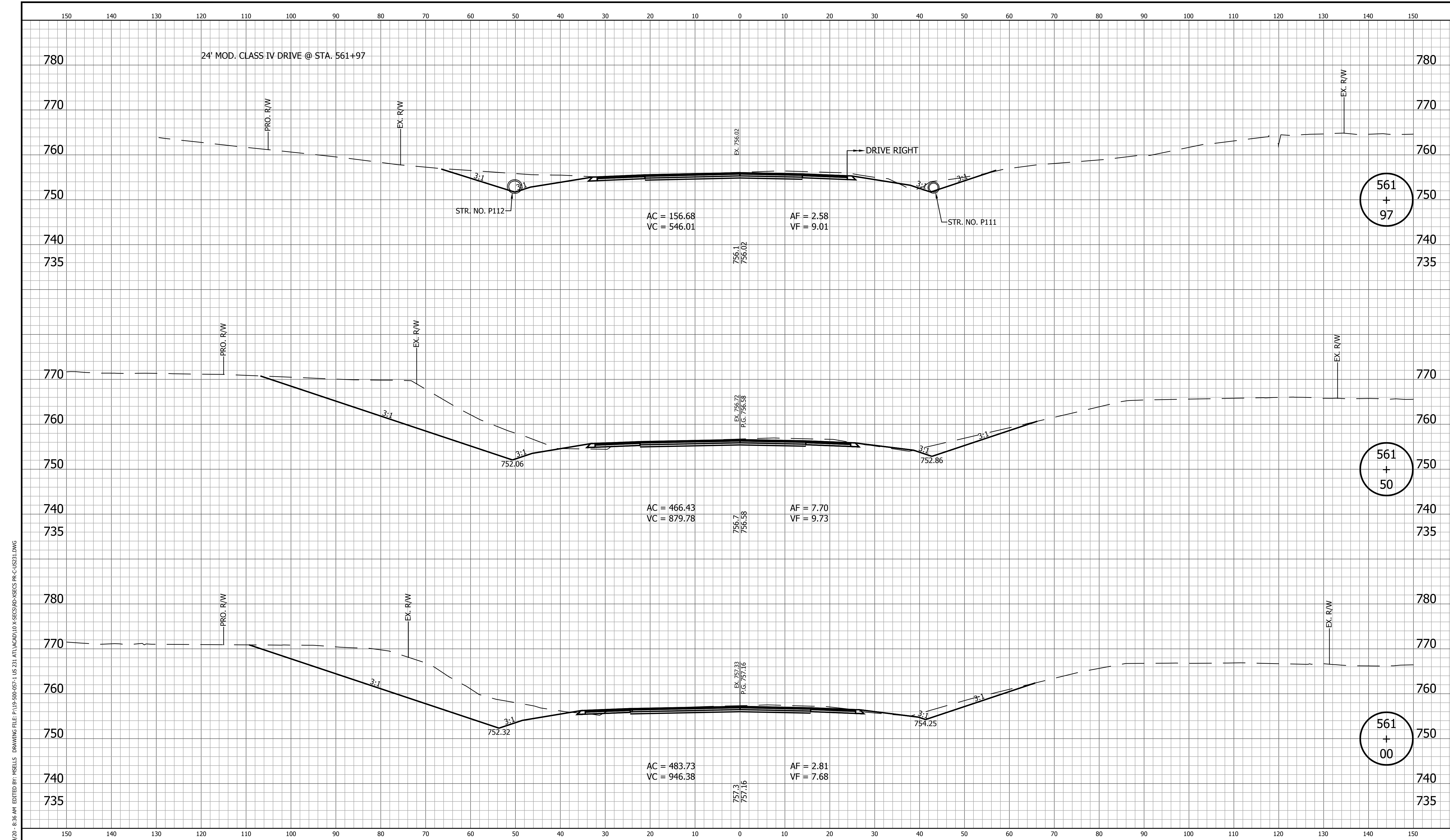
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HORIZONTAL SCALE	BRIDGE FILE																		
1" = 10'	N/A																		
VERTICAL SCALE	DESIGNATION																		
1" = 10'	1700091																		
SURVEY BOOK	SHEET																		
	70 of 84																		
CONTRACT	PROJECT																		
R-40742	1700091																		
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE																	
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CHECKED: <u>LLC</u>	CHECKED: <u>RDS</u>																		



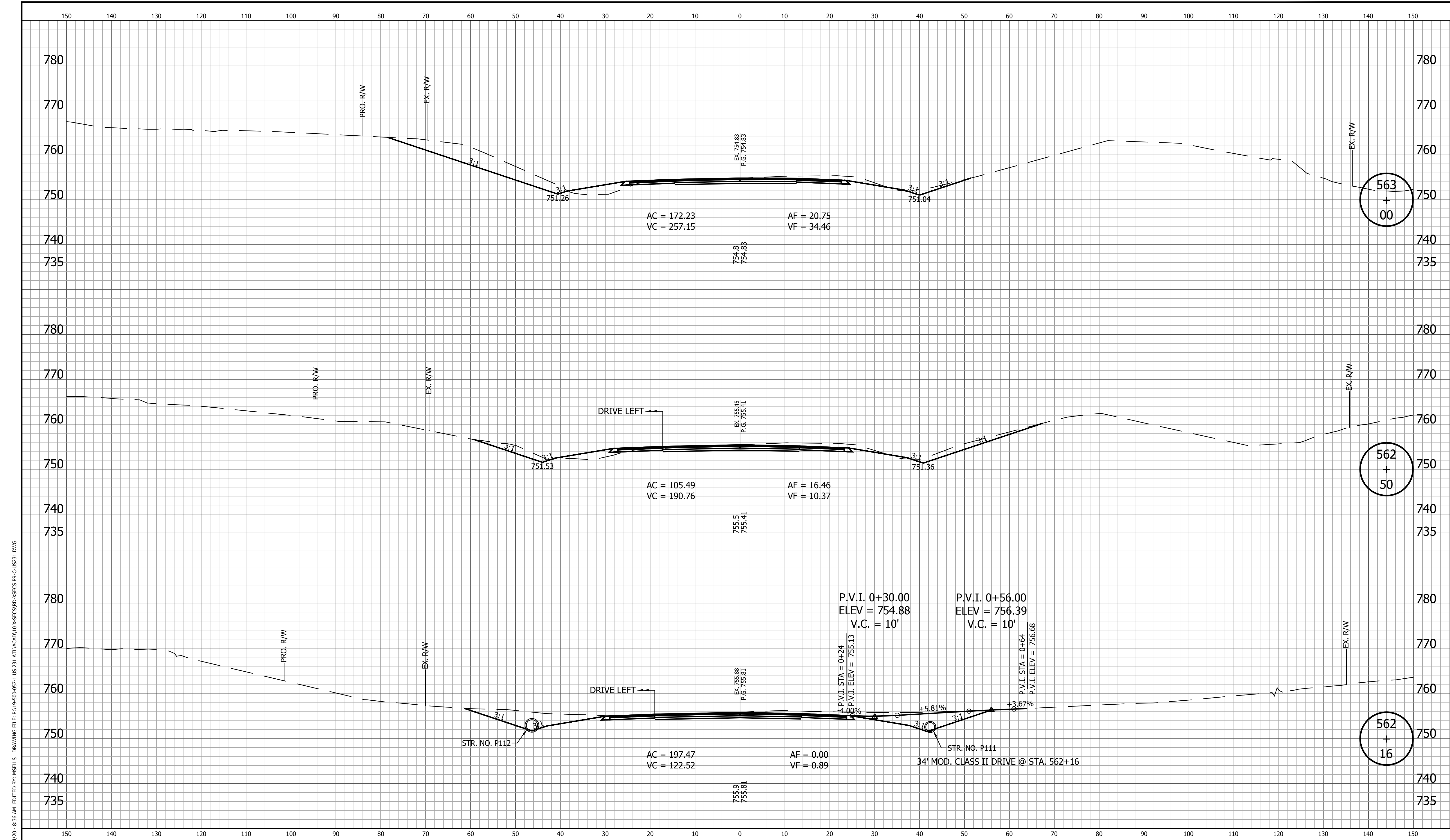
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	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 10' VERTICAL SCALE 1" = 10'	BRIDGE FILE N/A DESIGNATION 1700091
	DESIGNED: <u>RDS</u> DRAWN: <u>MSS</u> CHECKED: <u>LLC</u> CHECKED: <u>RDS</u>	CROSS SECTIONS LINE "PR-C"	SURVEY BOOK _____ of _____ SHEET 71 of 84	CONTRACT R-40742 PROJECT 1700091



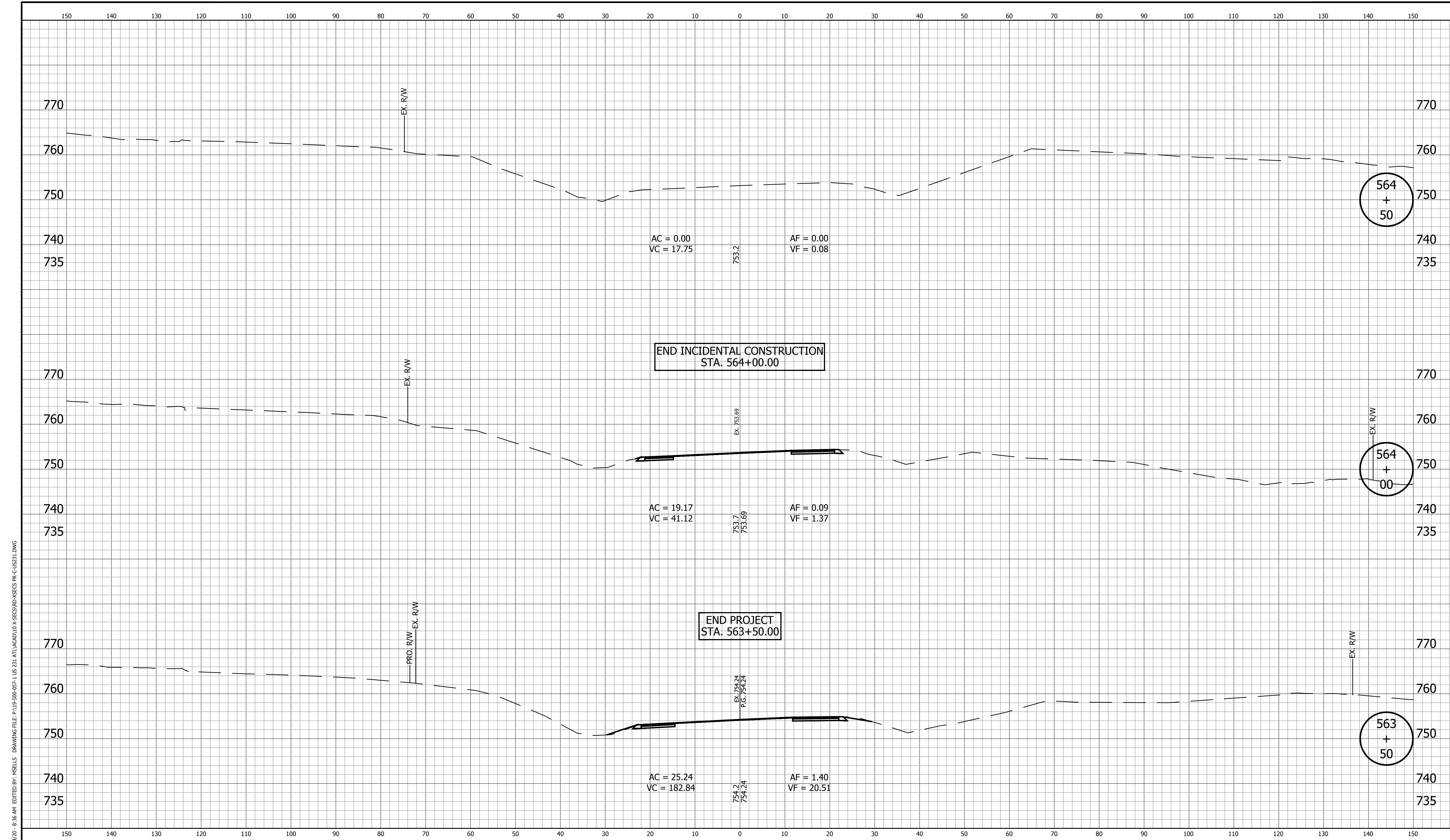
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	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 10' VERTICAL SCALE 1" = 10'	BRIDGE FILE N/A DESIGNATION 1700091
	DESIGNED: <u>BEH</u> CHECKED: <u>RDS</u>	DRAWN: <u>MSS</u> CHECKED: <u>RDS</u>	CROSS SECTIONS LINE "PR-C"	
			SURVEY BOOK R-40742	SHEET 72 of 84 PROJECT 1700091



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			VERTICAL SCALE 1" = 10'	DESIGNATION 1700091
	DESIGNED: <u>BEH</u>	DRAWN: <u>MSS</u>	SURVEY BOOK	SHEET 73 of 84
	CHECKED: <u>RDS</u>	CHECKED: <u>RDS</u>	CONTRACT R-40742	PROJECT 1700091
CROSS SECTIONS LINE "PR-C"				



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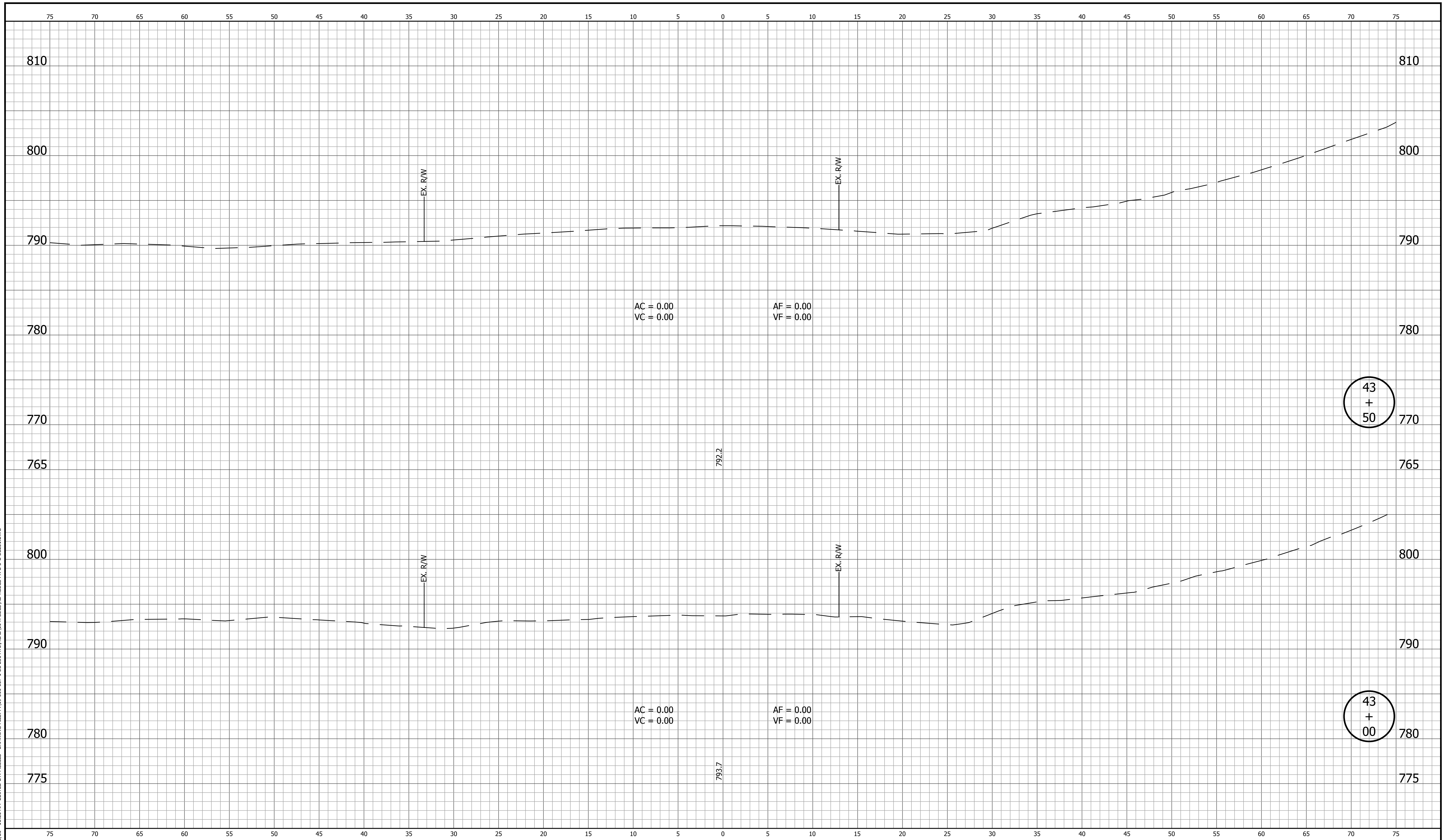
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-C"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1700091
SURVEY BOOK	SHEET
	74 of 84
CONTRACT	PROJECT
R-40742	1700091

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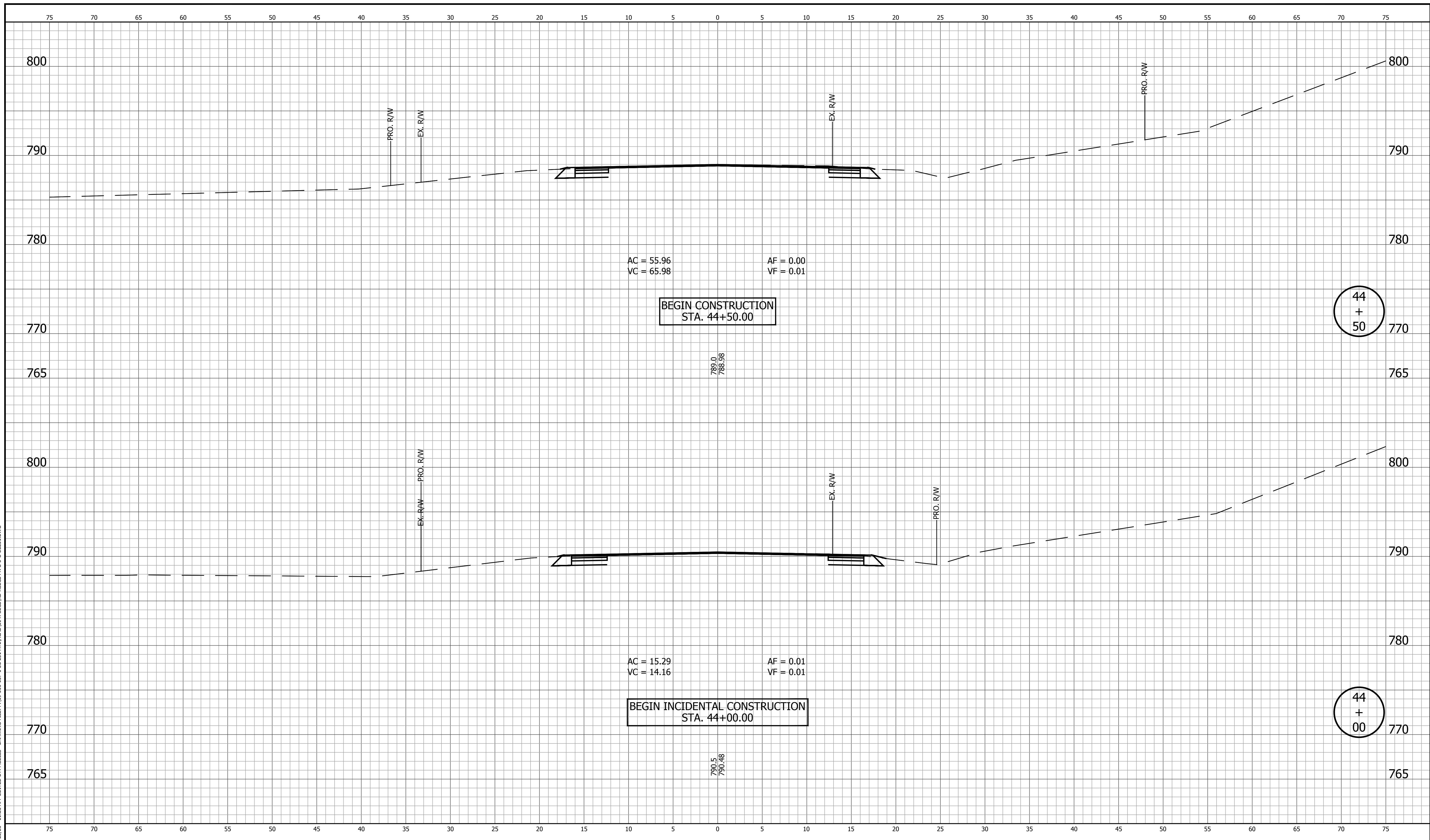
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CHECKED: <u>LLC</u>	CHECKED: <u>LLC</u>

INDIANA DEPARTMENT OF TRANSPORTATION	
CROSS SECTIONS LINE "PR-S-5-C"	

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1700091
SURVEY BOOK	SHEET 75 of 84
CONTRACT R-40742	PROJECT 1700091

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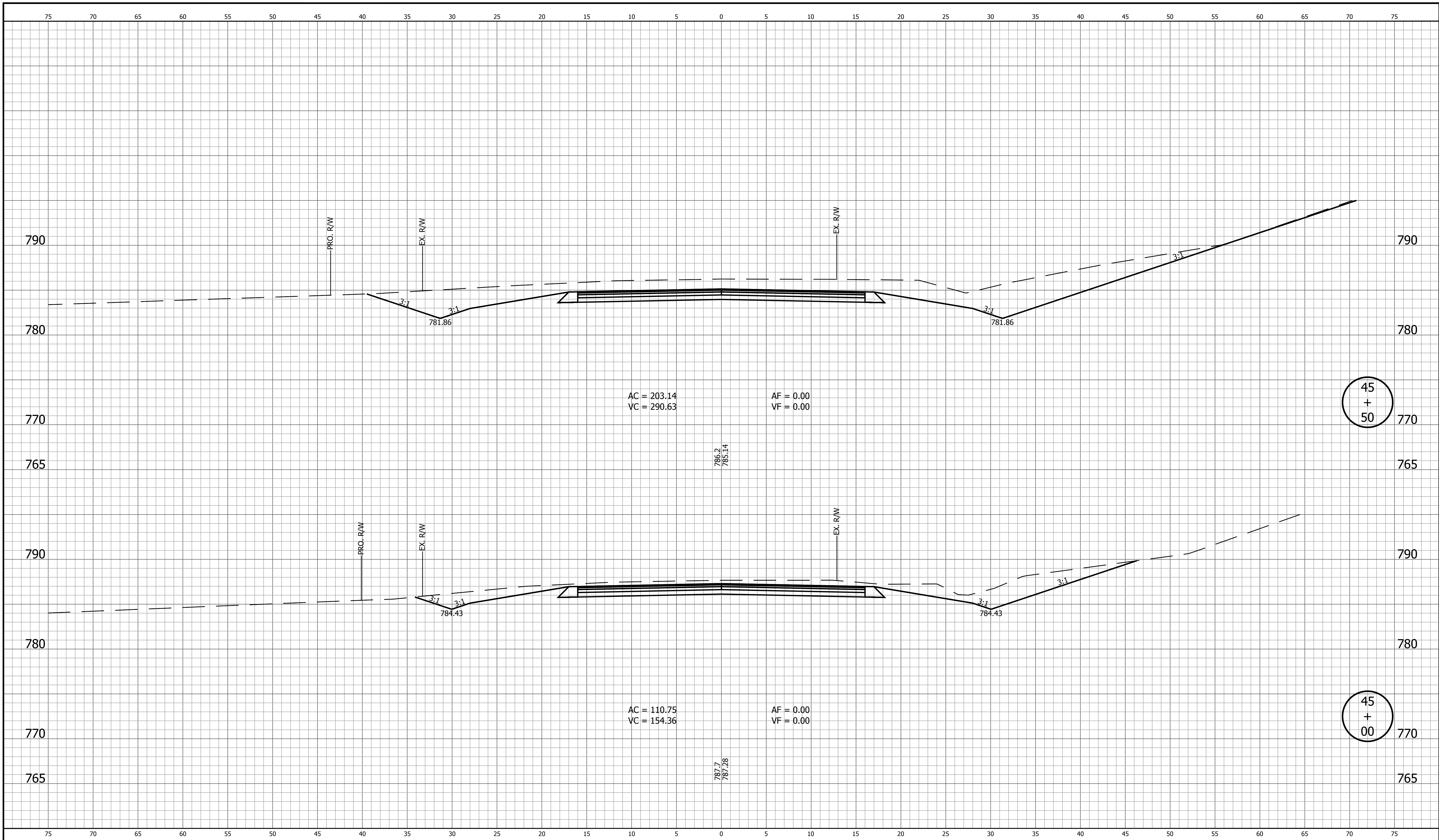
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INDIANA DEPARTMENT OF TRANSPORTATION	
CROSS SECTIONS LINE "PR-S-5-C"	

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1700091
SURVEY BOOK	SHEET 76 of 84
CONTRACT R-40742	PROJECT 1700091

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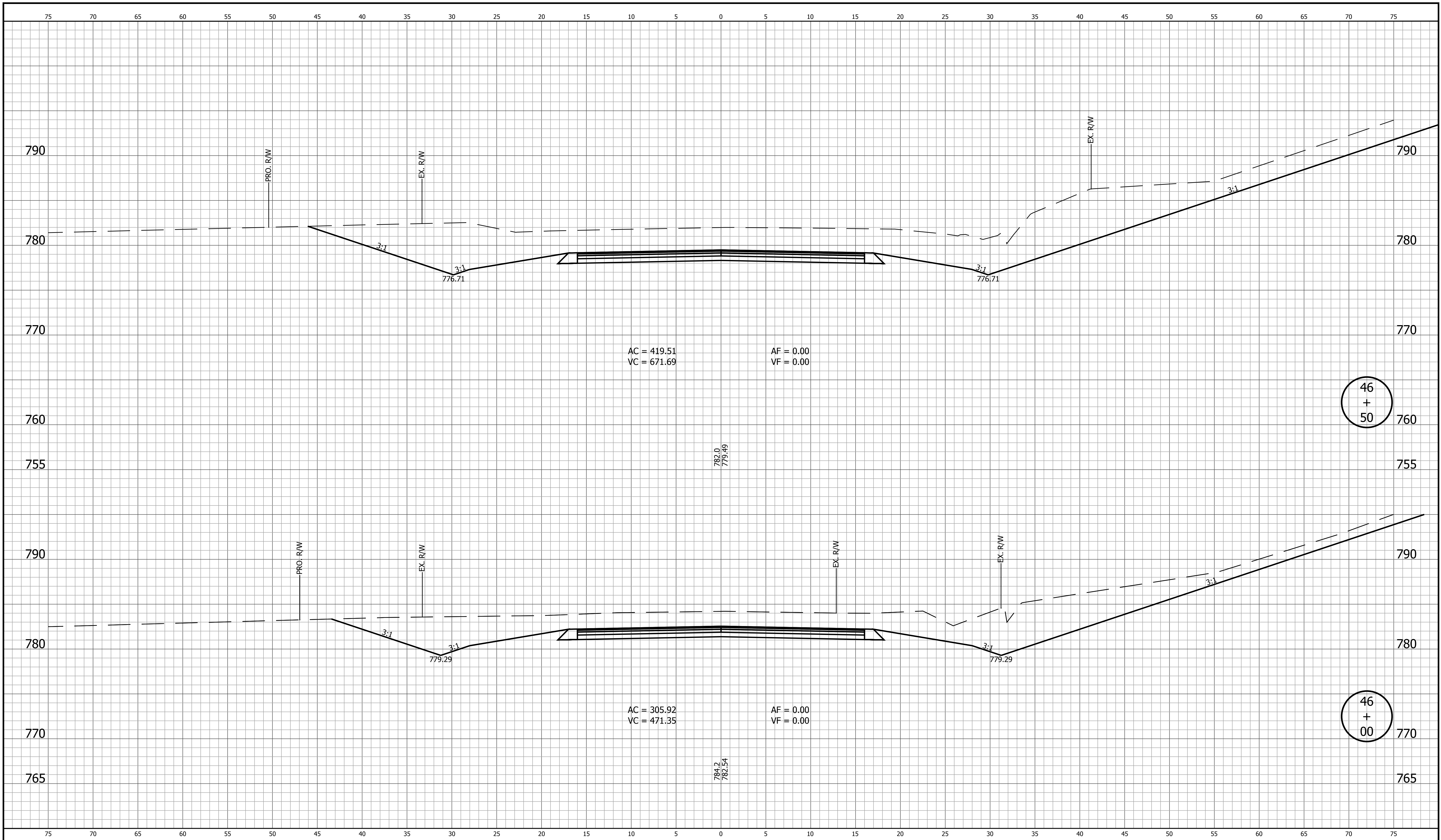
INDIANA
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 LINE "PR-S-5-C"

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
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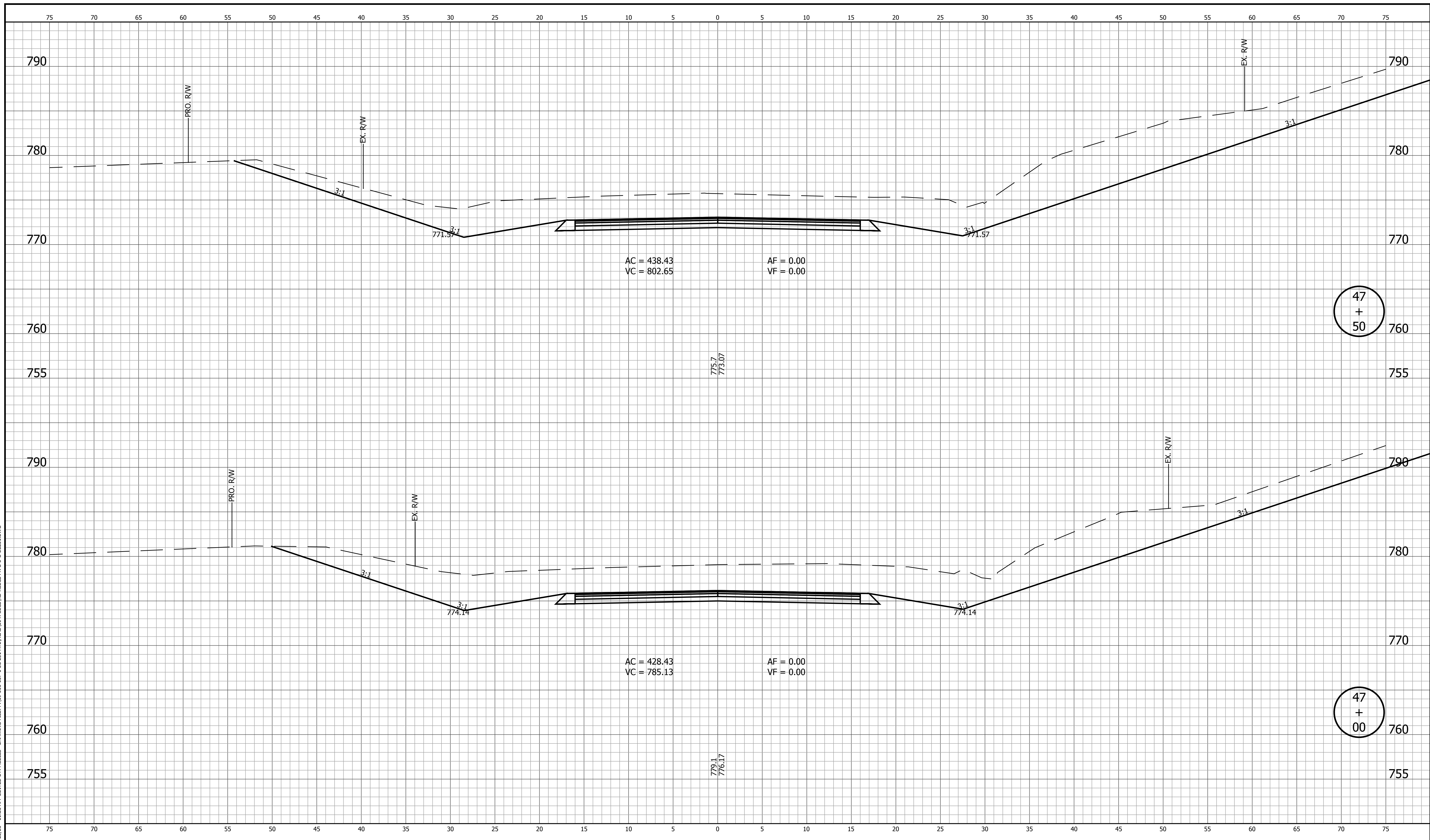
HORIZONTAL SCALE	BRIDGE FILE
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VERTICAL SCALE	DESIGNATION
1" = 5'	1700091
SURVEY BOOK	SHEET
	77 of 84
CONTRACT	PROJECT
R-40742	1700091

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HORIZONTAL SCALE	BRIDGE FILE																		
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	78 of 84																		
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R-40742	1700091																		
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE																	
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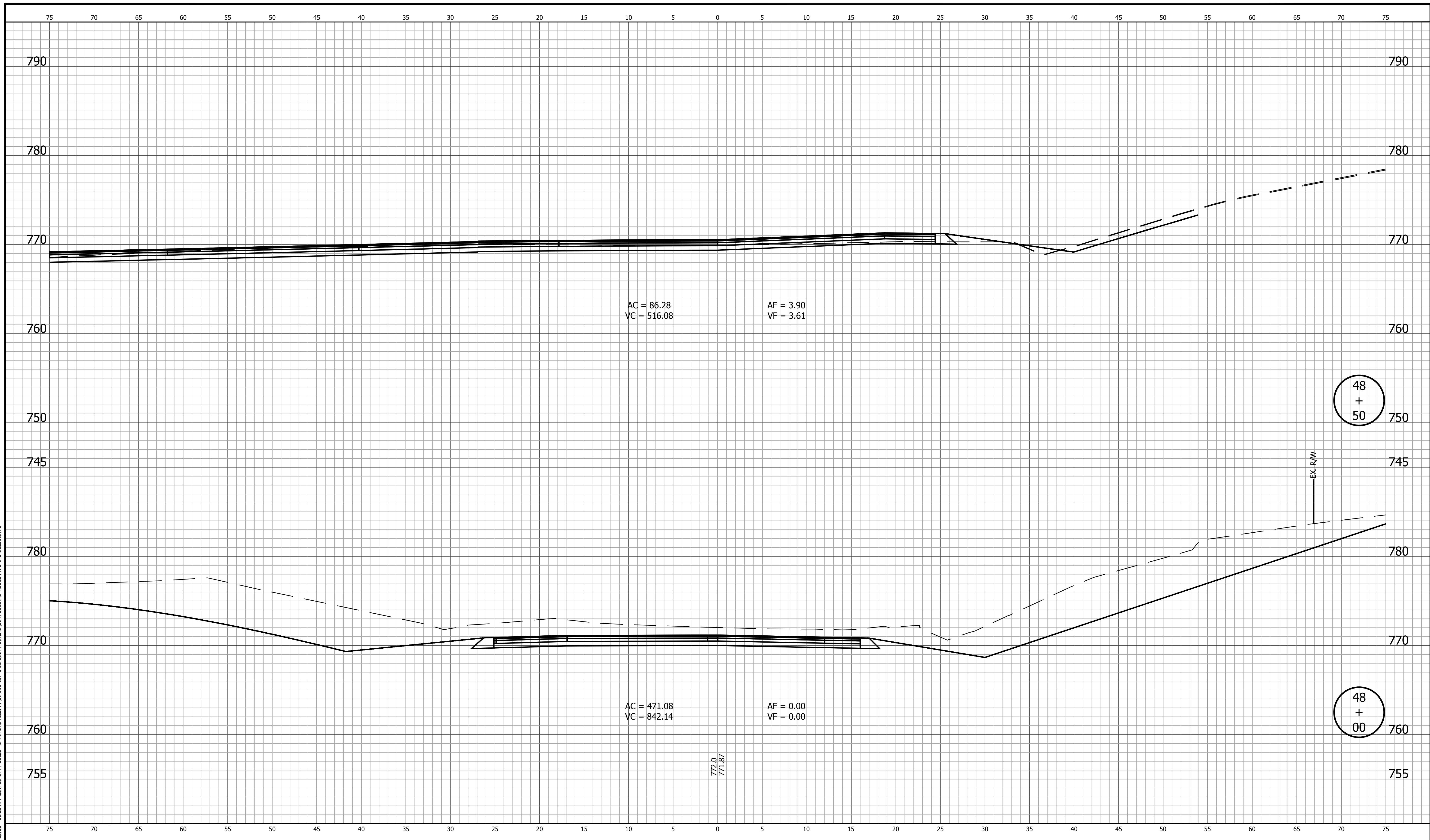


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		INDIANA DEPARTMENT OF TRANSPORTATION	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>1" = 5'</td> <td>N/A</td> </tr> <tr> <td>VERTICAL SCALE</td> <td>DESIGNATION</td> </tr> <tr> <td>1" = 5'</td> <td>1700091</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEET</td> </tr> <tr> <td></td> <td>79 of 84</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td>R-40742</td> <td>1700091</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1" = 5'	N/A	VERTICAL SCALE	DESIGNATION	1" = 5'	1700091	SURVEY BOOK	SHEET		79 of 84	CONTRACT	PROJECT	R-40742	1700091
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1" = 5'	N/A																		
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CONTRACT	PROJECT																		
R-40742	1700091																		
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE																	
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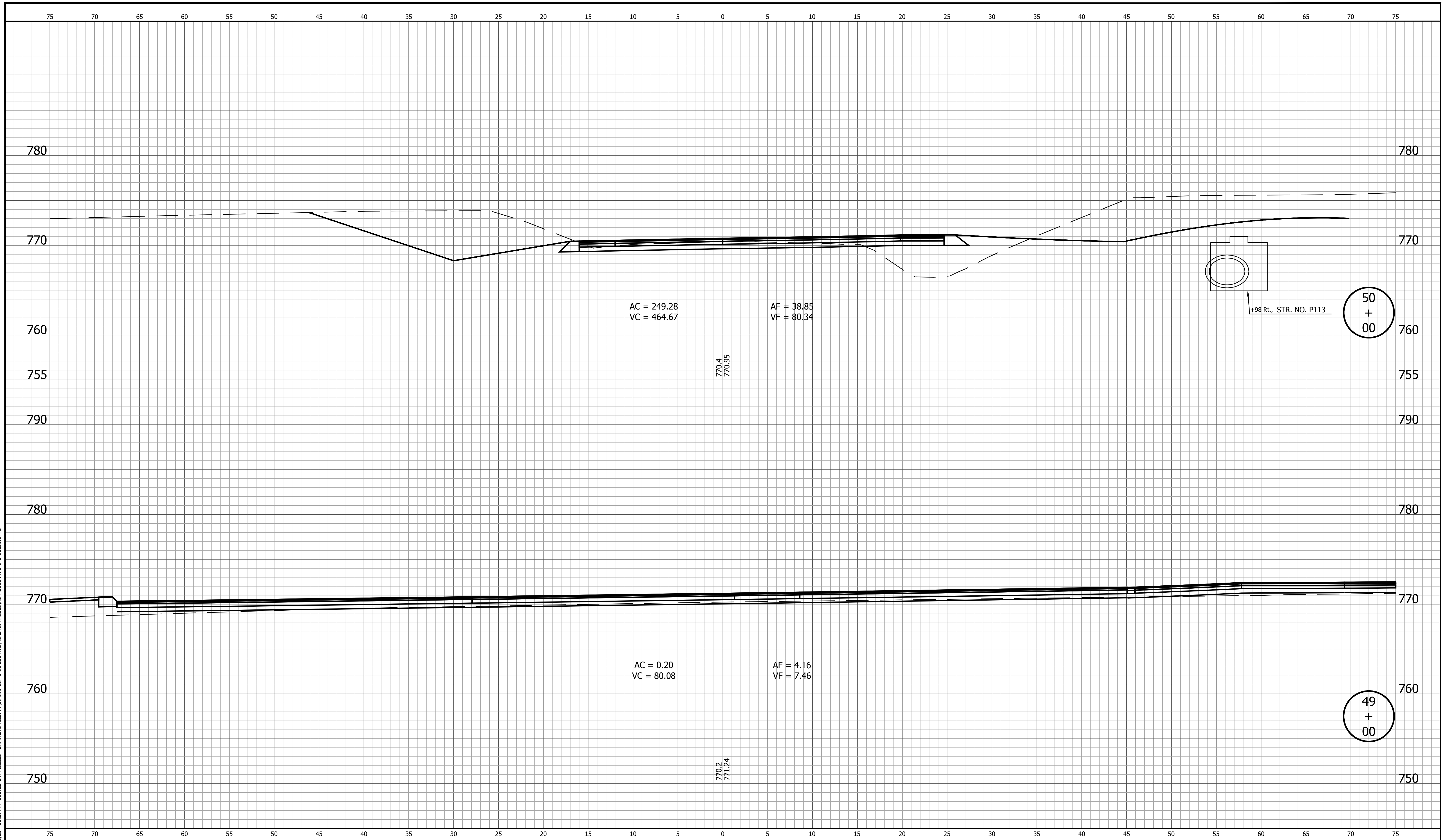
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CHECKED: <u>LLC</u>	CHECKED: <u>LLC</u>

INDIANA DEPARTMENT OF TRANSPORTATION	
CROSS SECTIONS LINE "PR-S-5-C"	

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1700091
SURVEY BOOK	SHEET
	80 of 84
CONTRACT R-40742	PROJECT 1700091

PRINT DATE: 11/25/20
 PLOT SCALE: 1:1.002
 EDIT DATE: 11/23/20 - 11:26 AM
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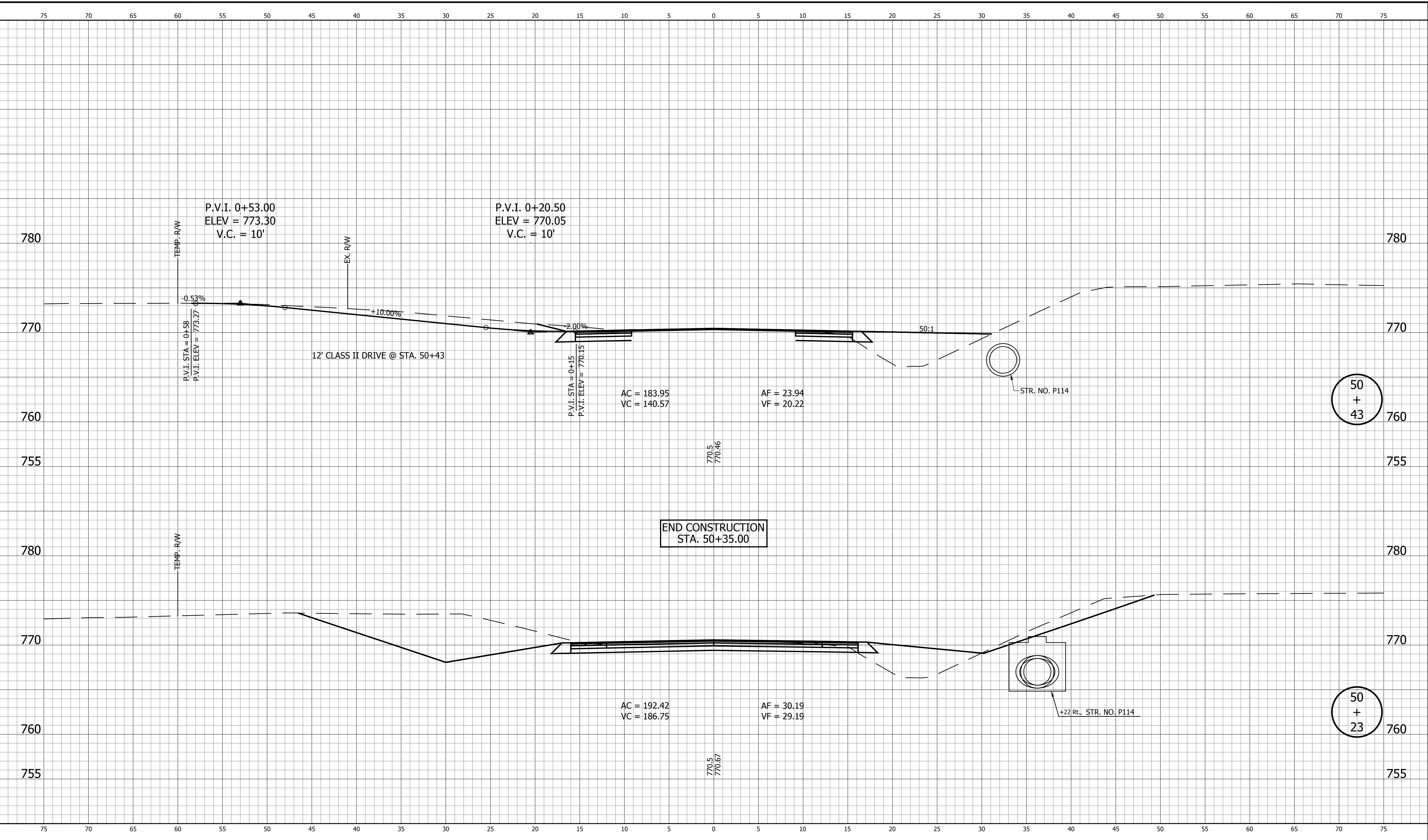


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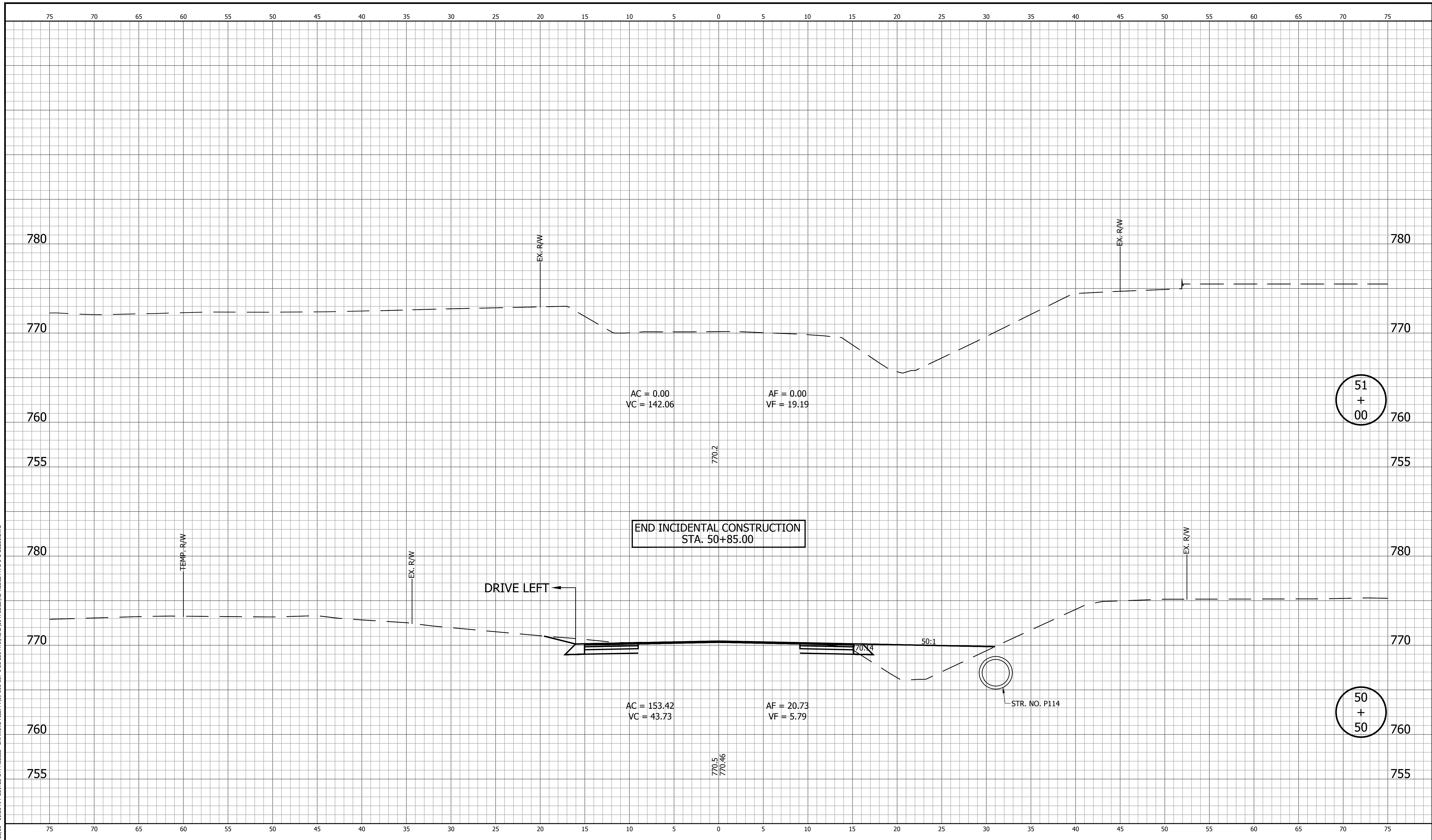
		RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION								
		DESIGNED: <u>RDS</u> DRAWN: <u>MSS</u> CHECKED: <u>LLC</u> CHECKED: <u>LLC</u>	CROSS SECTIONS LINE "PR-S-5-C"								
			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE 1" = 5'</td> <td>BRIDGE FILE N/A</td> </tr> <tr> <td>VERTICAL SCALE 1" = 5'</td> <td>DESIGNATION 1700091</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEET 81 of 84</td> </tr> <tr> <td>CONTRACT R-40742</td> <td>PROJECT 1700091</td> </tr> </table>	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A	VERTICAL SCALE 1" = 5'	DESIGNATION 1700091	SURVEY BOOK	SHEET 81 of 84	CONTRACT R-40742	PROJECT 1700091
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VERTICAL SCALE 1" = 5'	DESIGNATION 1700091										
SURVEY BOOK	SHEET 81 of 84										
CONTRACT R-40742	PROJECT 1700091										

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		INDIANA DEPARTMENT OF TRANSPORTATION	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>1" = 5'</td> <td>N/A</td> </tr> <tr> <td>VERTICAL SCALE</td> <td>DESIGNATION</td> </tr> <tr> <td>1" = 5'</td> <td>1700091</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEET</td> </tr> <tr> <td></td> <td>82 of 84</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td>R-40742</td> <td>1700091</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1" = 5'	N/A	VERTICAL SCALE	DESIGNATION	1" = 5'	1700091	SURVEY BOOK	SHEET		82 of 84	CONTRACT	PROJECT	R-40742	1700091
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1" = 5'	N/A																		
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	82 of 84																		
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R-40742	1700091																		
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE																	
DESIGNED: <u>RDS</u>	DRAWN: <u>MSS</u>																		
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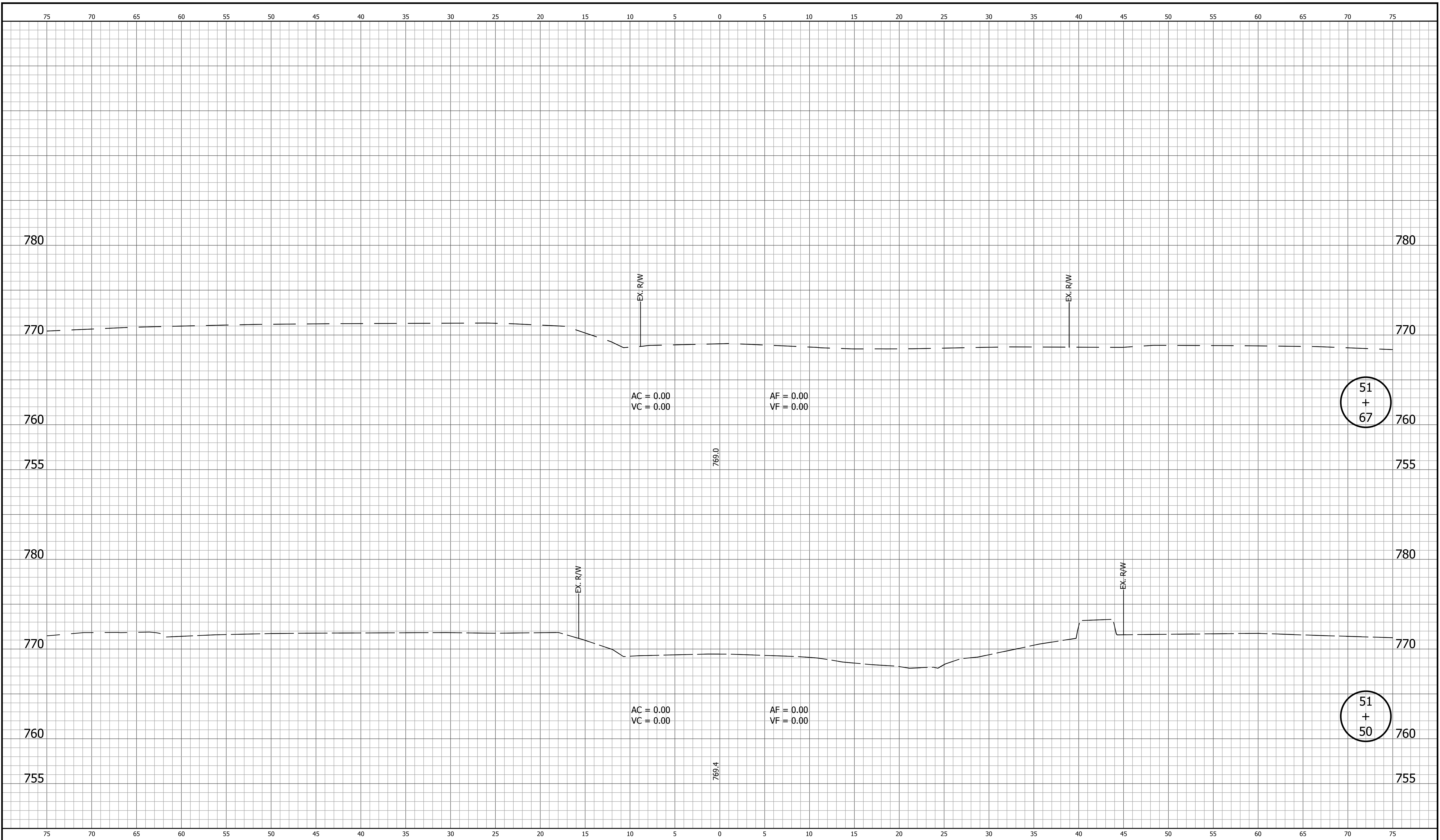
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CHECKED: <u>LLC</u>	CHECKED: <u>LLC</u>

INDIANA DEPARTMENT OF TRANSPORTATION	
CROSS SECTIONS LINE "PR-S-5-C"	

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 1700091
SURVEY BOOK	SHEET
	83 of 84
CONTRACT R-40742	PROJECT 1700091

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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: RDS	DRAWN: MSS		
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INDIANA DEPARTMENT OF TRANSPORTATION	
CROSS SECTIONS LINE "PR-S-5-C"	

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	1700091
SURVEY BOOK	SHEET
	84 of 84
CONTRACT	PROJECT
R-40742	1700091