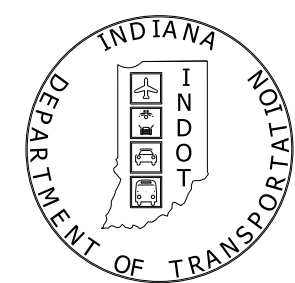


PROJECT	DESIGNATION
2000161	2000161
CONTRACT	BRIDGE FILE
R-43476	.

INDIANA DEPARTMENT OF TRANSPORTATION



TRAFFIC DATA	SR 32	CR 925 W
A.A.D.T. (2025)	6,017 V.P.D.	1,445 V.P.D.
A.A.D.T. (2045)	6,533 V.P.D.	1,445 V.P.D.
D.H.V. (2045)	734 V.P.H.	140 V.P.H.
DIRECTIONAL DISTRIBUTION	52.39 %	53.84 %
TRUCKS	2.35 % D.H.V. 1.34 % A.D.T	3.57 % D.H.V. 2.84 % A.D.T

DESIGN DATA	SR 32	CR 925 W
DESIGN SPEED	45 M.P.H.	20 M.P.H.
PROJECT DESIGN CRITERIA	RECONSTRUCTION (NON-FREEWAY)	RECONSTRUCTION (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	MINOR ARTERIAL	LOCAL ROAD
RURAL/URBAN	RURAL	RURAL
TERRAIN	LEVEL	LEVEL
ACCESS CONTROL	NONE	NONE

KIN PROJECT INFORMATION	
DESIGNATION	PROJECT DESCRIPTION
2000156	INTERSECTION IMPROVEMENT - SR 32 & SR 13
2000161	INTERSECTION IMPROVEMENT - SR 32 & CR 925 W (LEAD)
2000162	INTERSECTION IMPROVEMENT - SR 32 & CR 600 W

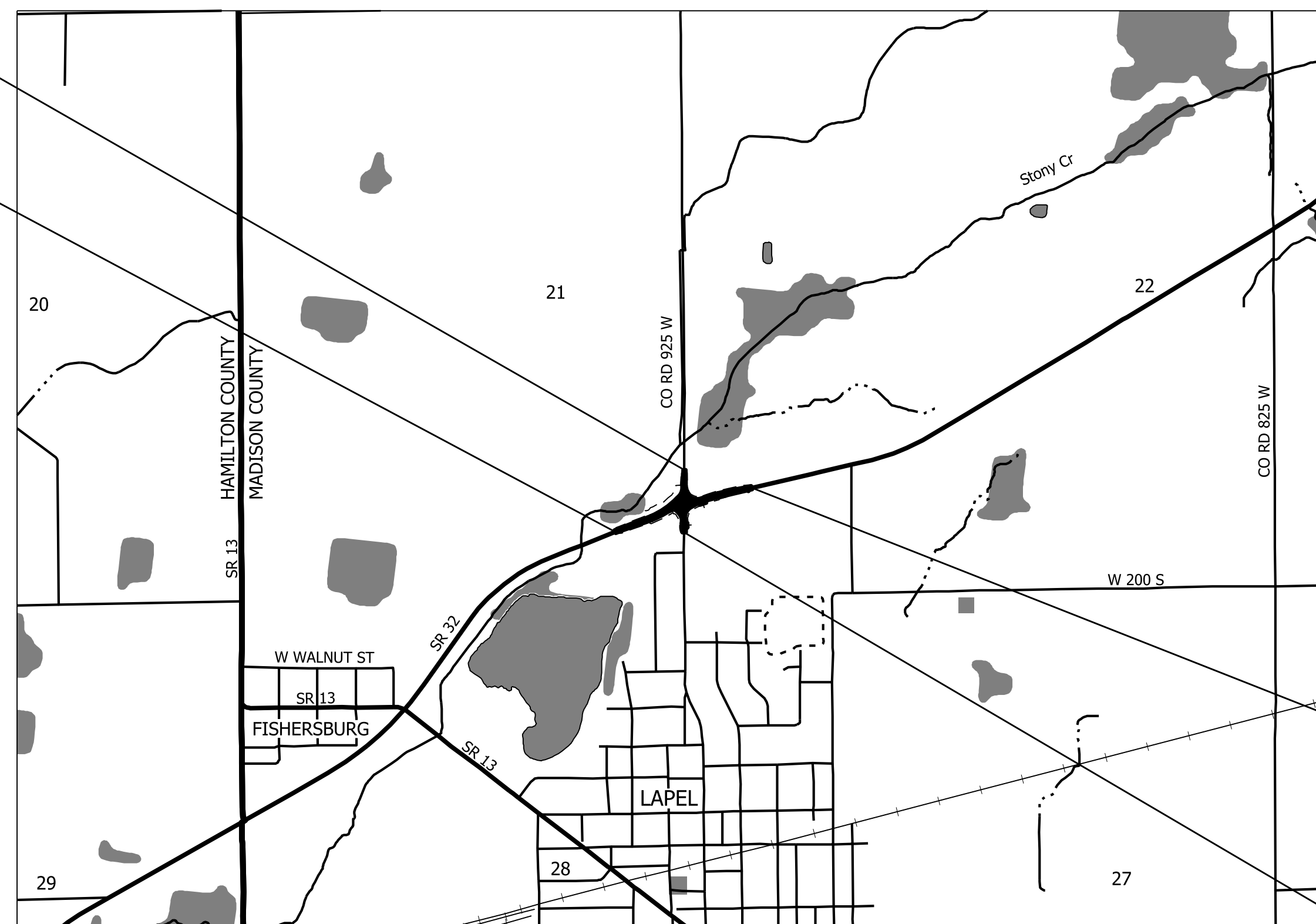
ROAD PLANS

ROUTE: SR 32 FROM: RP 94+25 TO: RP 94+50
PROJECT NO. 2000161 P.E.
2000161 R/W
2000161 CONST.

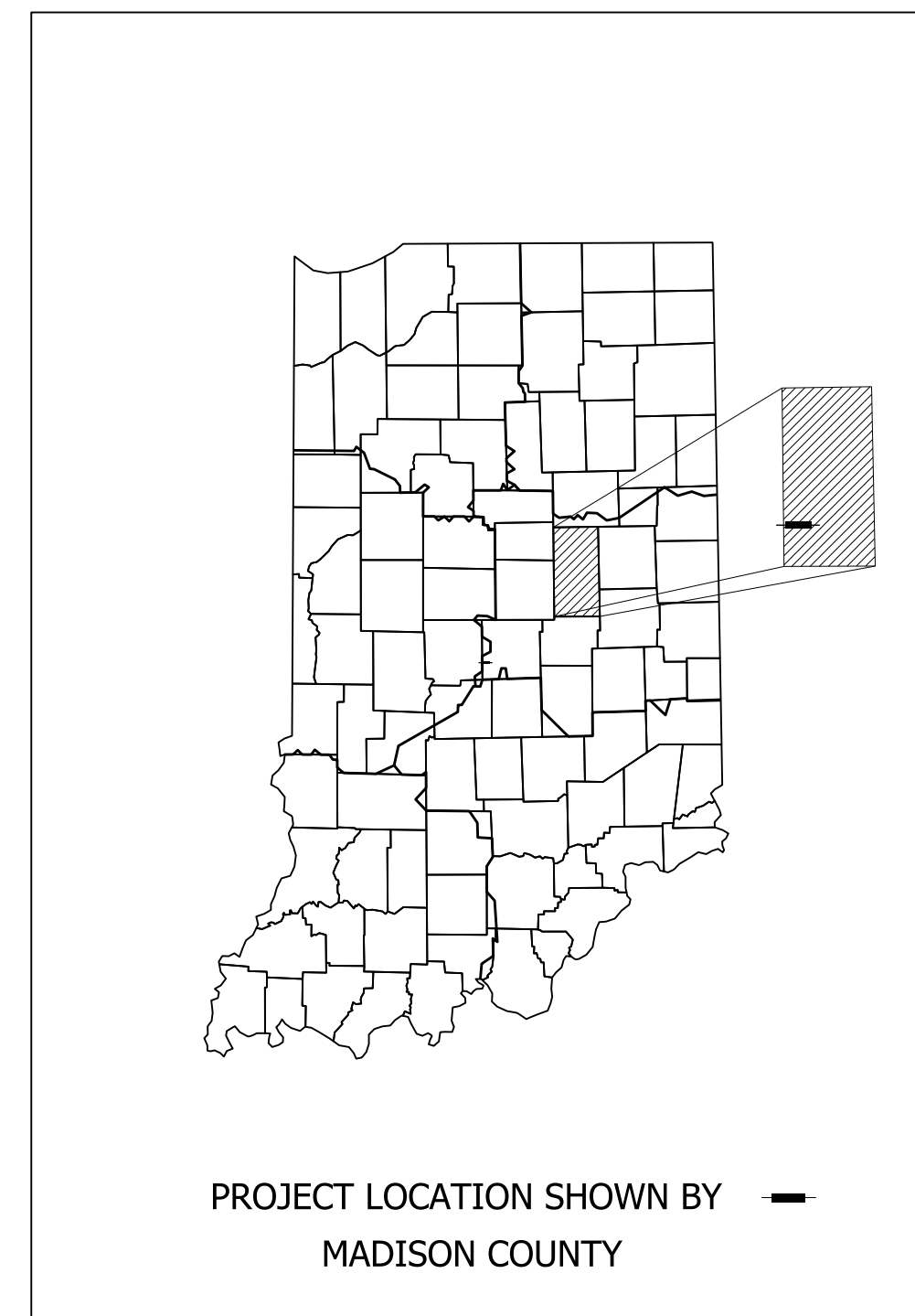
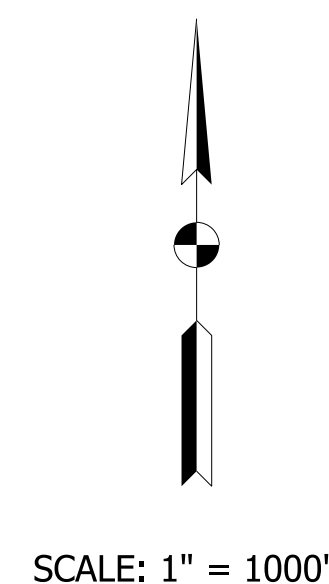
ROUNDABOUT CONSTRUCTION AT THE INTERSECTION OF SR 32 AND COUNTY ROAD 925 W.
LOCATED IN SECTION 21, T-19-N, R-6-E IN STONY CREEK TOWNSHIP, MADISON COUNTY, INDIANA

END CONSTRUCTION
STA. 16+37.74 "PR-S-1-E"

BEGIN PROJECT NO. 2000161
STA. 11+00.00 "PR-E"



LOCATION MAP
MADISON COUNTY



LATITUDE: 40° 04' 37" N LONGITUDE: 85° 50' 56" W

HUC 14: 05120201070040

BRIDGE LENGTH:	N/A	MI.
ROADWAY LENGTH:	0.25	MI.
TOTAL LENGTH:	0.25	MI.
MAX. GRADE:	2.05	%

END PROJECT NO. 2000161
STA. 24+06.21 "PR-E"

BEGIN CONSTRUCTION
STA. 11+00.00 "PR-S-1-E"

STAGE 2 SUBMITTAL,
08/09/2023

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2024
TO BE USED WITH THESE PLANS.



Michael Baker International, Inc.
3815 River Crossing Parkway, Suite 120
Indianapolis, IN 46240
Tel: 317-663-8430 Fax: 317-663-8410
www.mbakerial.com

PLANS PREPARED BY:	Michael Baker International, Inc.	317-663-8430 PHONE NUMBER
CERTIFIED BY:		DATE
RECOMMENDED FOR LETTING:	INDIANA DEPARTMENT OF TRANSPORTATION	DATE

BRIDGE FILE	
DESIGNATION	2000161
SURVEY BOOK	SHEETS
1	of 65
CONTRACT	PROJECT
R-43476	2000161

UTILITIES

<p>AT&T INDIANA (TELEPHONE) 116 E. TAYLOR ST. KOKOMO, IN 46901 ATTN: CURT MILLER 765-454-4054 cm5432@att.com</p>	<p>TOWN OF LAPEL UTILITES (GAS, WATER, SEWER) 825 N. MAIN ST LAPEL, IN 46051 ATTN: BRANDON HUTCHISON 765-810-4995 brandon@lapelindiana.org</p>
<p>BRIGHTSPEED (COMMUNICATIONS) 1120 S. TYRON ST., SUITE 700 CHARLOTTE, NC 28203 ATTN: SONNI SMITH 704-314-2662 sonni.smith@brightspeed.com</p>	<p>SWAYZEE COMMUNICATION CORP. (CABLE) 214 S. WASHINGTON ST. SWAYZEE, IN 46986 ATTN: JAMES WORTINGER 765-922-7916 jamesw@swayzee.com</p>
<p>CENTURYLINK (TELEPHONE) 944 S. CENTRAL AVE. LIMA, OH 45804 ATTN: JOHN UNVERFERTH 419-226-6342 john.c.unverferth@centurylink.com</p>	<p>WINDSTREAM (COMMUNICATIONS) 5020 SMYTHE DR EVANSVILLE, IN 47715 ATTN: SHAWN WILLIAMS 217-460-0002 mark.mills@windstream.com</p>
<p>DUKE ENERGY (ELECTRIC) 100 S. MILL CREEK RD. NOBLESVILLE, IN 46062 ATTN: CINDY ROWLAND 317-776-5341 dei-dline-coord@duke-energy</p>	<p>ZAYO BANDWIDTH (FIBER) 722 N. HIGH SCHOOL RD INDIANAPOLIS, IN ATTN: WAYLON HIGGINS 765-341-1199 waylon.higgins@zayo.com</p>

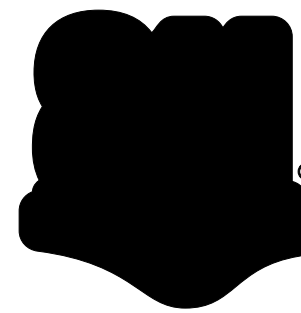
GENERAL NOTES

**	ALL EARTH SHOULDERS, MEDIAN AREAS, AND CUT AND FILL SLOPES SHALL BE PLAIN OR MULCH SEEDED EXCEPT WHERE SODDING IS SPECIFIED.
	THE FINAL CROSS SECTIONS OF THE GRADING CONTRACT WILL BE THE ORIGINAL CROSS SECTIONS OF THE PAVING CONTRACT. HOWEVER, PARTIAL OR COMPLETE CROSS SECTIONS SHALL BE TAKEN IF NECESSARY TO DETERMINE THE ACTUAL EXCAVATION QUANTITIES.
	THE PAPER RELOCATION WILL BE CROSS SECTIONED BY THE ENGINEER BEFORE CONSTRUCTION.
	THE EXISTING ASPHALT PAVEMENT LOCATED OUTSIDE THE CONSTRUCTION LIMITS, BETWEEN STA. _____ AND _____, SHALL BE REMOVED AS DIRECTED.
	THE QUANTITY OF PEAT EXCAVATION SHOWN ON THE PLANS HAS BEEN ESTIMATED ON THE BASIS OF THEORETICAL CROSS SECTIONS BY USING TREATMENT OF EXISTING FILLS, TREATMENT BY REMOVAL, OR TREATMENT BY DISPLACEMENT, WHERE EACH TREATMENT APPLIES.
	ALL LIMITED ACCESS RIGHT-OF-WAY (L.A. R/W) IS TO BE FENCED WITH CHAIN LINK TYPE FENCE (CLTF) OR FARM FIELD TYPE FENCE (FFTF) WHERE SPECIFIED IN THE PLANS.

** REPRESENTS GENERAL NOTES REQUIRED

INDEX

SHEET NO.	DRAWINGS INDEX
1	TITLE
2	INDEX AND GENERAL NOTES
3-6	TYPICAL SECTIONS
7	PLAT. NO. 1
8	SURVEY CONTROL
9	GEOMETRIC TIE-UP SHEET
10	ROUNDABOUT GEOMETRIC LAYOUT
11	DETOUR SHEET
12-13	EXISTING UTILITY PLAN
14-18	PLAN AND PROFILE
19-23	CONSTRUCTION DETAILS
24	ROUNDABOUT GEOMETRY DETAILS
25	GRADING DETAILS
26-30	PAVEMENT MARKING AND SIGNING DETAILS
31	LIGHTING DETAILS
32	ROADWAY APPROACH TABLE
33-34	MISCELLANEOUS TABLES
35	STRUCTURE DATA TABLE
36-65	CROSS SECTIONS



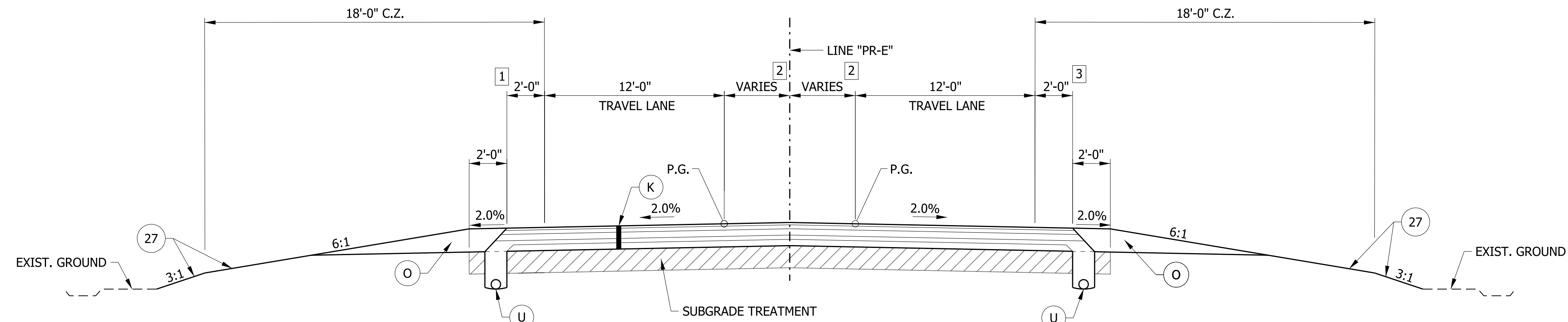
**Know what's below.
Call before you dig.**

INDIANA UNDERGROUND
1-800-382-5544 OR CALL 811
24 HOURS A DAY 7 DAYS A WEEK

REVISIONS

SHEET NO.	DATE	REVISED

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
		N/A	
DESIGNED: MRW DRAWN: JWM	INDEX & GENERAL NOTES	VERTICAL SCALE	DESIGNATION
		N/A	2000161
CHECKED: WRC CHECKED: MRW		SURVEY BOOK	SHEETS
			2 of 65
		CONTRACT	PROJECT
		R-43476	2000161

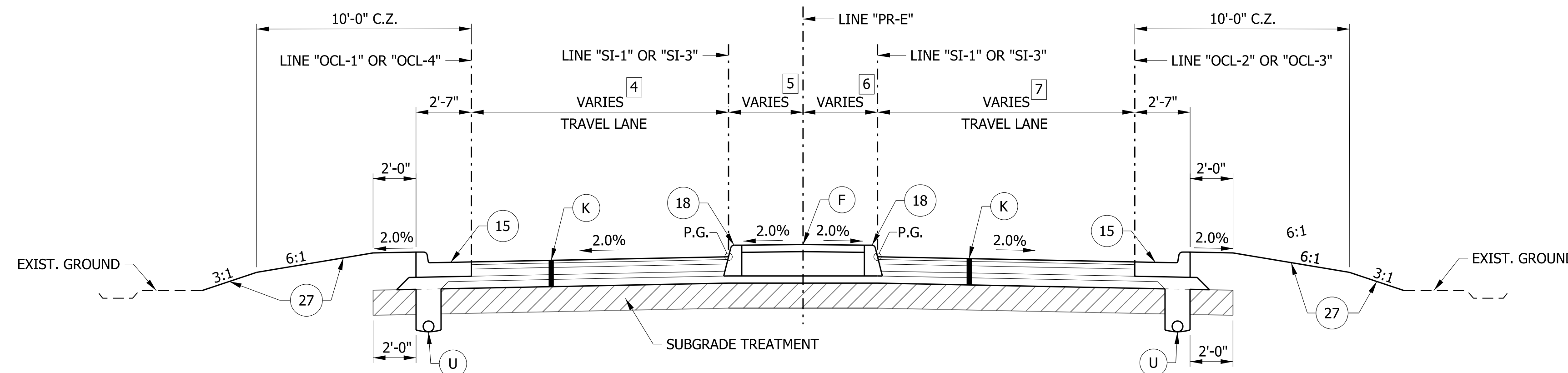


1 WIDTH VARIES FROM 3.40' AT STA. 11+00.00 TO 2.00' AT STA. 14+32.33
 WIDTH EQUALS 2' FROM STA. 20+93.50 TO STA. 21+16.00
 WIDTH VARIES FROM 2.00' AT STA. 21+16.00 TO 4.63' AT STA. 24+06.20

TYPICAL SECTION - ROUNDABOUT APPROACH

STA. 11+00.00 TO STA. 14+32.33 LINE "PR-E"
 STA. 20+93.50 TO STA. 24+06.21 LINE "PR-E"

2 WIDTH VARIES FROM 0.00' AT STA. 11+00.00 TO 6.00' AT STA. 14+32.33
 3 WIDTH VARIES FROM 3.40' AT STA. 11+00.00 TO 2.00' AT STA. 11+64.00
 WIDTH EQUALS 2' FROM STA. 11+64.00 TO STA. 14+32.33
 WIDTH VARIES FROM 3.86' AT STA. 20+93.50 TO 3.41' AT STA. 24+06.20



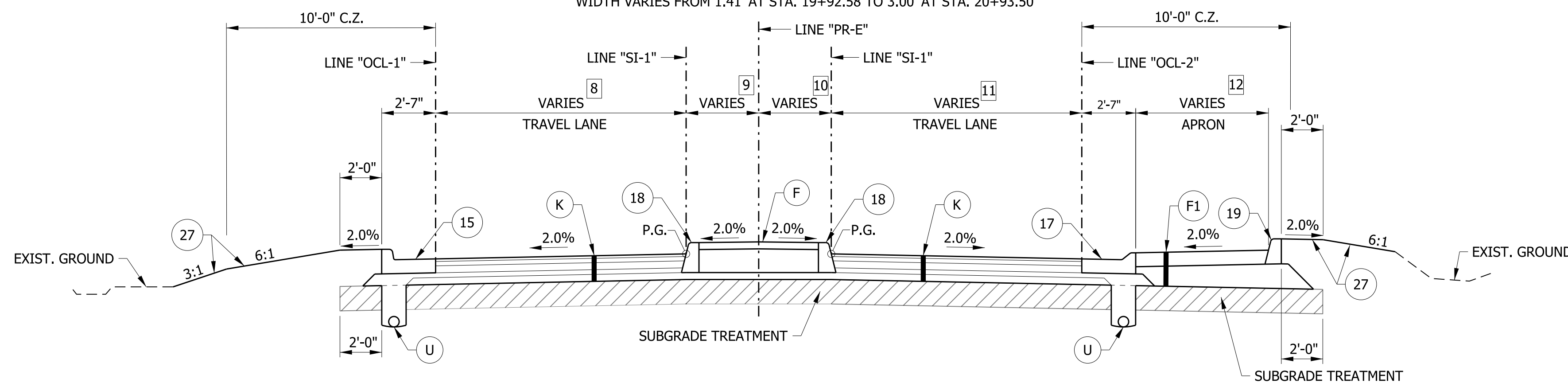
TYPICAL SECTION - COMBINED CURB & GUTTER, MEDIAN CONCRETE ISLAND

STA. 14+32.33 TO STA. 16+44.46 LINE "PR-E"
 STA. 19+25.23 TO STA. 20+93.50 LINE "PR-E"

4 WIDTH VARIES FROM 17.75' AT STA. 14+32.33 TO 14.00' AT STA. 14+35.31
 WIDTH VARIES FROM 14.00' AT STA. 14+35.31 TO 19.60' AT STA. 16+44.46
 WIDTH EQUALS 14.00' FROM STA. 19+25.23 TO STA. 20+24.82
 WIDTH VARIES FROM 14.00' AT STA. 20+24.82 TO 16.00' AT STA. 20+90.50
 WIDTH VARIES FROM 16.00' AT STA. 20+90.50 TO 0.00' AT STA. 20+93.50

5 WIDTH VARIES FROM 3.77' AT STA. 14+32.33 TO 2.67' AT STA. 15+26.55
 WIDTH VARIES FROM 2.67' AT STA. 15+26.55 TO 2.82' AT STA. 16+44.46
 WIDTH VARIES FROM 1.47' AT STA. 19+25.23 TO 1.41' AT STA. 19+92.58
 WIDTH VARIES FROM 1.41' AT STA. 19+92.58 TO 3.00' AT STA. 20+93.50
 6 WIDTH VARIES FROM 0.00' AT STA. 14+32.33 TO 2.19' AT STA. 14+34.83
 WIDTH VARIES FROM 2.19' AT STA. 14+34.83 TO 4.36' AT STA. 14+56.27
 WIDTH VARIES FROM 4.36' AT STA. 14+56.27 TO 7.20' AT STA. 16+44.46
 WIDTH VARIES FROM 1.47' AT STA. 19+25.23 TO 1.41' AT STA. 19+92.58
 WIDTH VARIES FROM 1.41' AT STA. 19+92.58 TO 3.00' AT STA. 20+93.50

7 WIDTH VARIES FROM 18.25' AT STA. 14+32.33 TO 14.00' AT STA. 14+56.27
 WIDTH EQUALS 14.00' FROM STA. 14+56.27 TO STA. 16+44.46
 WIDTH VARIES FROM 16.00' AT STA. 19+25.23 TO 14.71' AT STA. 19+53.48
 WIDTH VARIES FROM 14.71' AT STA. 19+53.48 TO 14.00' AT STA. 19+84.25
 WIDTH EQUALS 14.00' FROM STA. 19+84.25 TO STA. 20+90.50
 WIDTH VARIES FROM 14.00' AT STA. 20+90.50 TO 0.00' AT STA. 20+93.50



TYPICAL SECTION - COMBINED CURB & GUTTER, MEDIAN CONCRETE ISLAND, RIGHT APRON

STA. 16+44.46 TO STA. 16+93.15 LINE "PR-E"

8 WIDTH VARIES FROM 19.60' AT STA. 16+44.46 TO 25.41' AT STA. 16+88.83

9 WIDTH VARIES FROM 2.82' AT STA. 16+44.46 TO 12.19' AT STA. 16+88.83

11 WIDTH VARIES FROM 14.00' AT STA. 16+44.46 TO 19.72' AT STA. 16+92.65

10 WIDTH VARIES FROM 7.20' AT STA. 16+44.46 TO 10.69' AT STA. 16+92.65

12 WIDTH VARIES FROM 0.00' AT STA. 16+44.46 TO 19.25' AT STA. 16+93.15

LEGEND

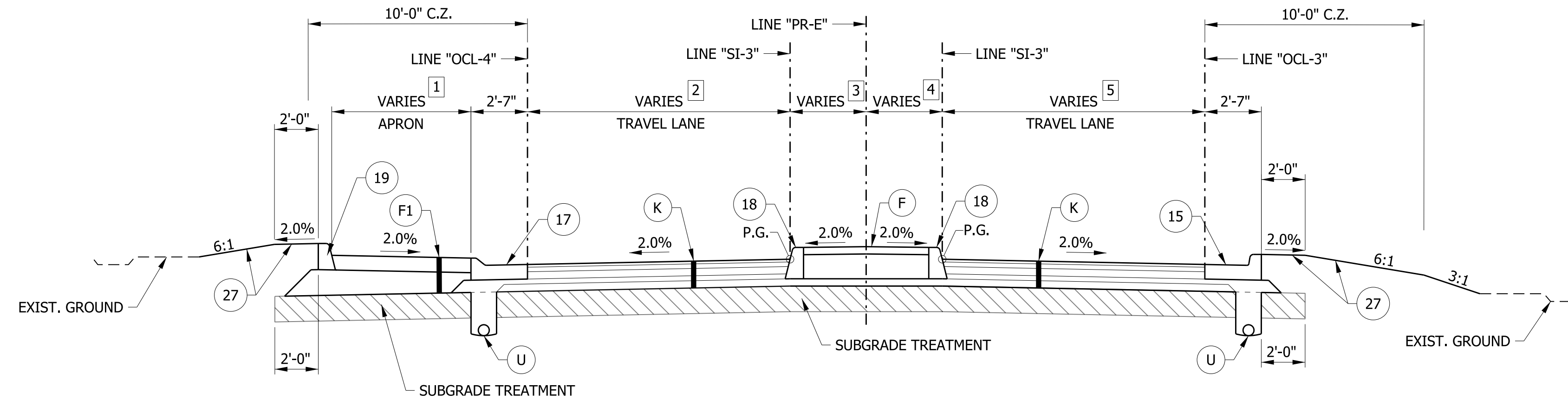
- (K) FULL DEPTH RECONSTRUCTION: TBD
- (R) HMA, MILL AND OVERLAY: TBD
- (U) UNDERDRAIN, TYPE 4, 6"
- (F) SIDEWALK, CONCRETE
- (O) COMPACTED AGGREGATE NO. 53
- (F1) TRUCK APRON: TBD
- (15) CURB & GUTTER, CONCRETE
- (17) CURB AND GUTTER, B, CONCRETE, MODIFIED
- (18) CURB, CONCRETE
- (19) CURB, INTEGRAL, CONCRETE
- (20) CURB AND GUTTER, ROLL CURB, MODIFIED
- (26) SODDING
- (27) MULCHED SEEDING, R

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: JEC	

INDIANA
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
 LINE "PR-E"

HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	
VERTICAL SCALE	DESIGNATION
1/4" = 1'-0"	2000161
SURVEY BOOK	SHEETS
	3 of 65
CONTRACT	PROJECT
R-43476	2000161

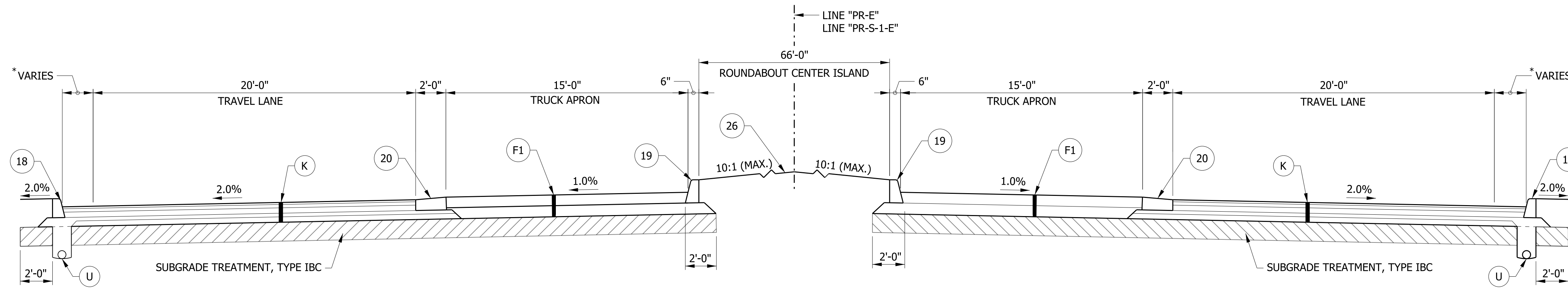


TYPICAL SECTION - COMBINED CURB & GUTTER, MEDIAN CONCRETE ISLAND, LEFT APRON

STA. 18+37.35 TO STA. 19+25.23 LINE "PR-E"

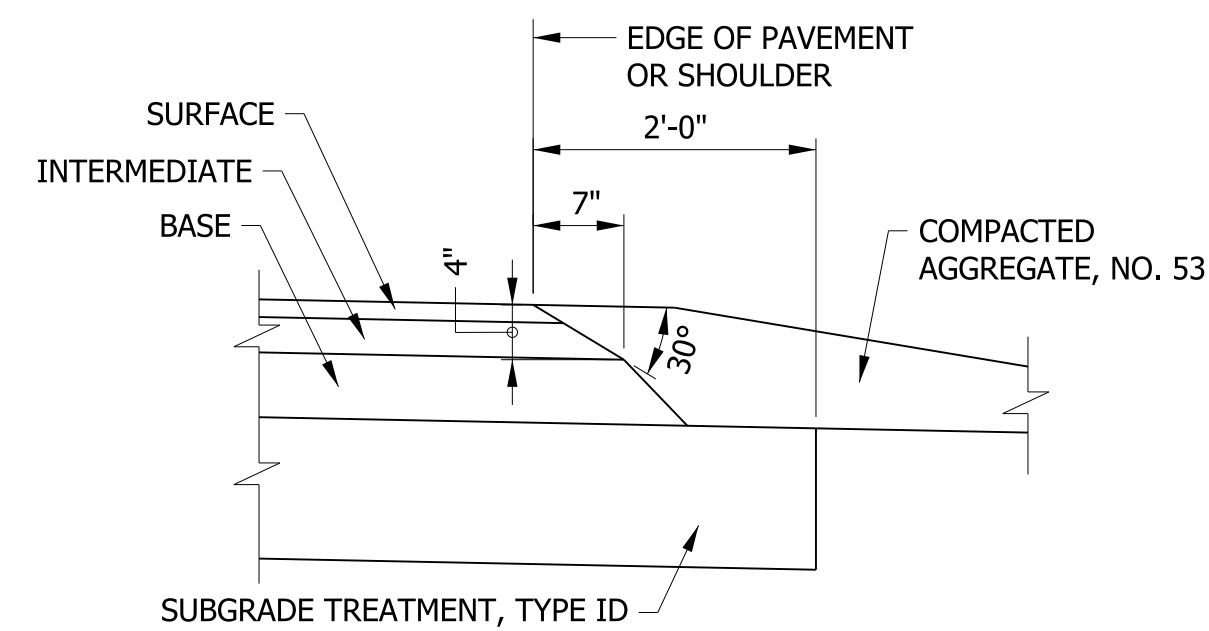
- 1 WIDTH VARIES FROM 15.65' AT STA. 18+37.35 TO 0.00' AT STA. 19+25.23
- 2 WIDTH VARIES FROM 25.73' AT STA. 18+38.59 TO 14.00' AT STA. 19+25.23
- 3 WIDTH VARIES FROM 11.64' AT STA. 18+38.59 TO 1.47' AT STA. 19+25.23
- 4 WIDTH VARIES FROM 13.66' AT STA. 18+38.59 TO 1.48' AT STA. 19+25.23
- 5 WIDTH VARIES FROM 22.44' AT STA. 18+38.59 TO 16.00' AT STA. 19+25.23

- LEGEND**
- (K) FULL DEPTH RECONSTRUCTION: TBD
 - (R) HMA, MILL AND OVERLAY: TBD
 - (U) UNDERDRAIN, TYPE 4, 6"
 - (F) SIDEWALK, CONCRETE
 - (O) COMPACTED AGGREGATE NO. 53
 - (F1) TRUCK APRON: TBD
 - (15) CURB & GUTTER, CONCRETE
 - (17) CURB AND GUTTER, B, CONCRETE, MODIFIED
 - (18) CURB, CONCRETE
 - (19) CURB, INTEGRAL, CONCRETE
 - (20) CURB AND GUTTER, ROLL CURB, MODIFIED
 - (26) SODDING
 - (27) MULCHED SEEDING, R

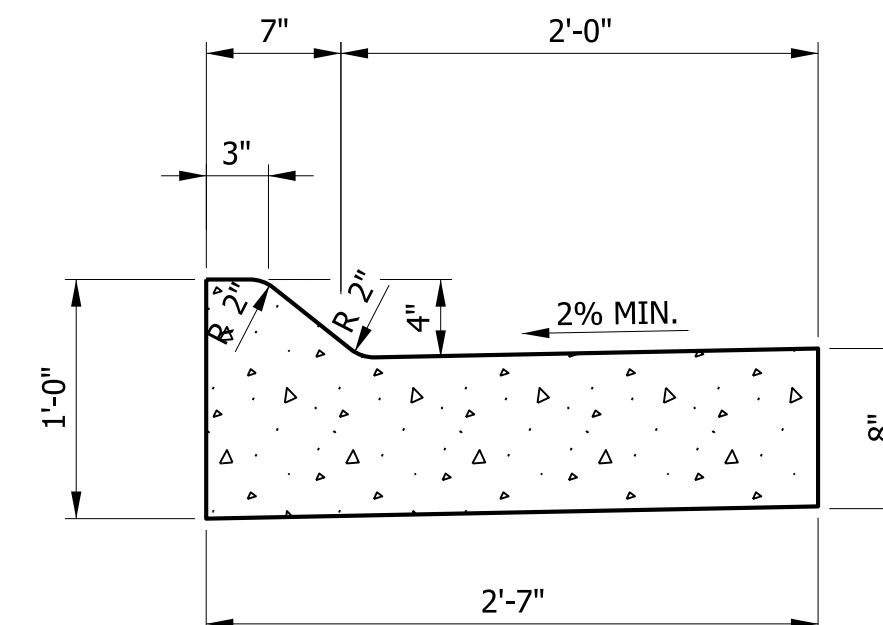


TYPICAL SECTION - ROUNDABOUT

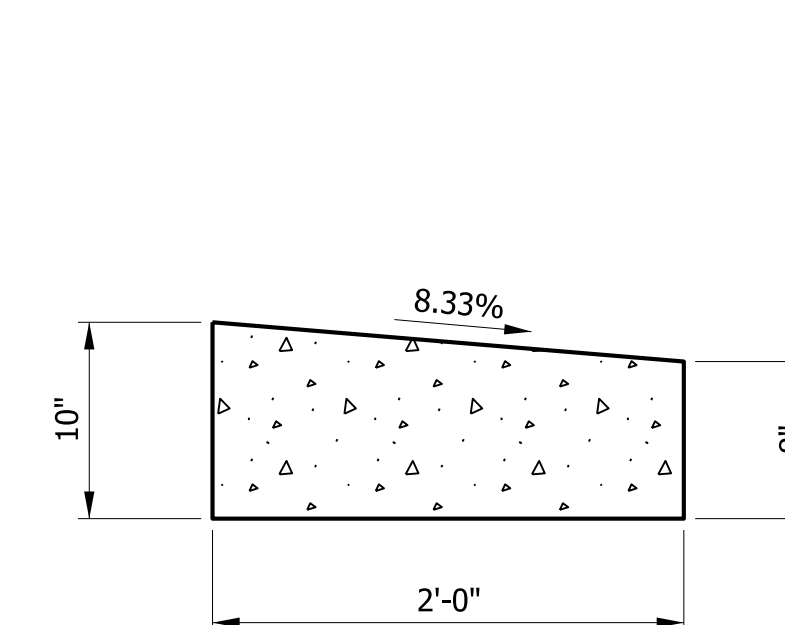
STA. 16+93.15 TO STA. 18+37.35 LINE "PR-E"
 STA. 12+93.08 TO STA. 14+37.73 LINE "PR-S-1-E"



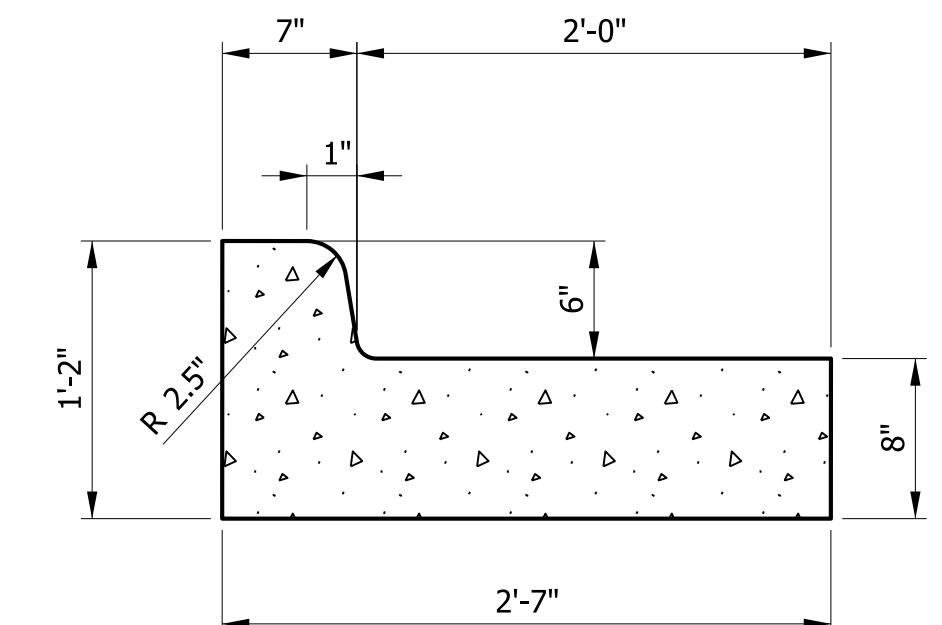
SAFETY EDGE ON HMA PAVEMENT
 SCALE: N.T.S.



CURB AND GUTTER, B, CONCRETE MODIFIED
 NOT TO SCALE
 (17)



CURB AND GUTTER, ROLL CURB, MODIFIED
 NOT TO SCALE
 (20)



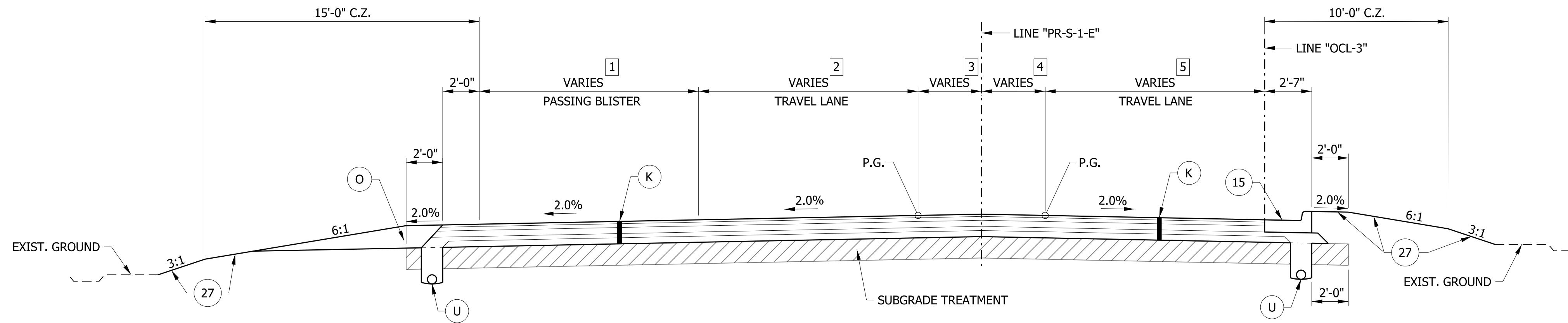
COMBINED CONCRETE CURB AND GUTTER
 NOT TO SCALE
 (15)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRW	DRAWN: JEC	
CHECKED: WRC	CHECKED: MRW	

INDIANA
 DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS
 LINE "PR-E" & LINE "PR-S-1-E"**

HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	
VERTICAL SCALE	DESIGNATION
1/4" = 1'-0"	2000161
SURVEY BOOK	SHEETS
	4 of 65
CONTRACT	PROJECT
R-43476	2000161



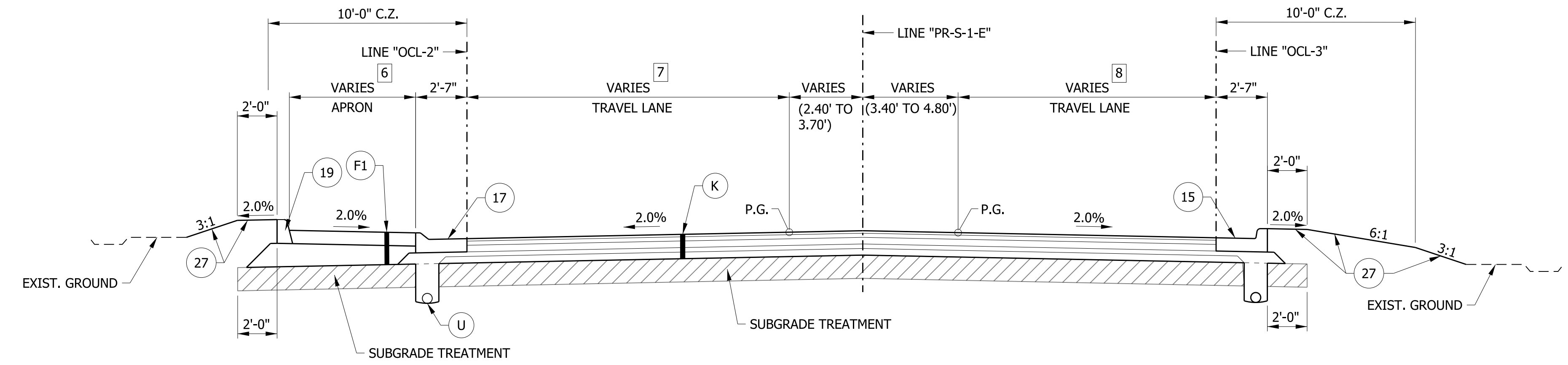
NOTE TO REVIEWER:
ONCE A FINAL DETERMINATION ON PEDESTRIAN FACILITIES
HAS BEEN CONCLUDED, A TYPICAL SECTION SHOWING SIDEWALK
OR REMOVAL WILL BE ADDED FOR STA. 11+00.00 TO STA. 11+32.10

- LEGEND**
- (K) FULL DEPTH RECONSTRUCTION: TBD
 - (R) HMA, MILL AND OVERLAY: TBD
 - (U) UNDERDRAIN, TYPE 4, 6"
 - (F) SIDEWALK, CONCRETE
 - (O) COMPACTED AGGREGATE NO. 53
 - (F1) TRUCK APRON: TBD
 - (15) CURB & GUTTER, CONCRETE
 - (17) CURB AND GUTTER, B, CONCRETE, MODIFIED
 - (18) CURB, CONCRETE
 - (19) CURB, INTEGRAL, CONCRETE
 - (20) CURB AND GUTTER, ROLL CURB, MODIFIED
 - (26) SODDING
 - (27) MULCHED SEEDING, R

- 1 WIDTH VARIES FROM 5.29' AT STA. 11+00.00 TO 12.00' AT STA. 11+45.51
WIDTH EQUALS 12.00' FROM STA. 11+45.51 TO STA. 11+85.88
WIDTH VARIES FROM 12.00' AT STA. 11+85.88 TO 0' AT STA. 12+45.16
- 2 WIDTH EQUALS 12.00' FROM STA. 11+00 TO STA. 11+56.17
WIDTH VARIES FROM 12.00' AT STA. 11+56.17 TO 16.23' AT STA. 12+45.16
- 3 WIDTH EQUALS 0' FROM STA. 11+00 TO STA. 11+75.04
WIDTH VARIES FROM 0' AT STA. 11+75.04 TO 2.40' AT STA. 12+45.16

TYPICAL SECTION - ROUNDABOUT APPROACH w/ PASSING BLISTER
STA. 11+00.00 TO STA. 12+45.16 LINE "PR-S-1-E"

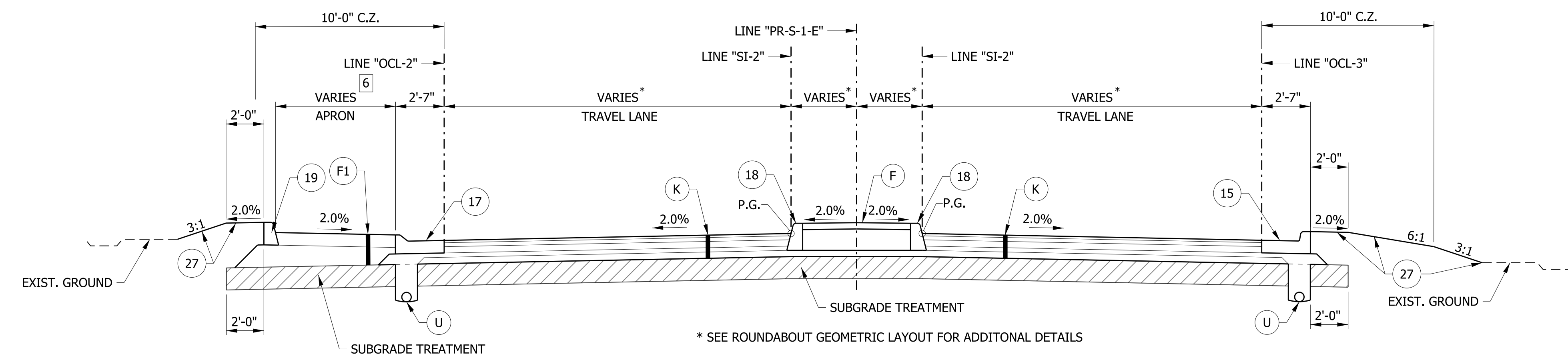
- 4 WIDTH EQUALS 0' FROM STA. 11+00 TO STA. 11+75.04
WIDTH VARIES FROM 0' AT STA. 11+75.04 TO 3.40' AT STA. 12+45.16
- 5 WIDTH EQUALS 12.00' FROM STA. 11+00 TO STA. 12+30.89
WIDTH VARIES FROM 12.00' AT STA. 12+30.89 TO 12.99' AT STA. 12+45.16



- 6 WIDTH VARIES FROM 1.70' AT STA. 12+45.16 TO 9.69' AT STA. 12+93.08
- 7 WIDTH VARIES FROM 16.23' AT STA. 12+45.16 TO 18.11' AT STA. 12+93.08

TYPICAL SECTION - ROUNDABOUT APPROACH, CURB AND GUTTER, LEFT APRON
STA. 12+45.16 TO STA. 12+57.40 LINE "PR-S-1-E"

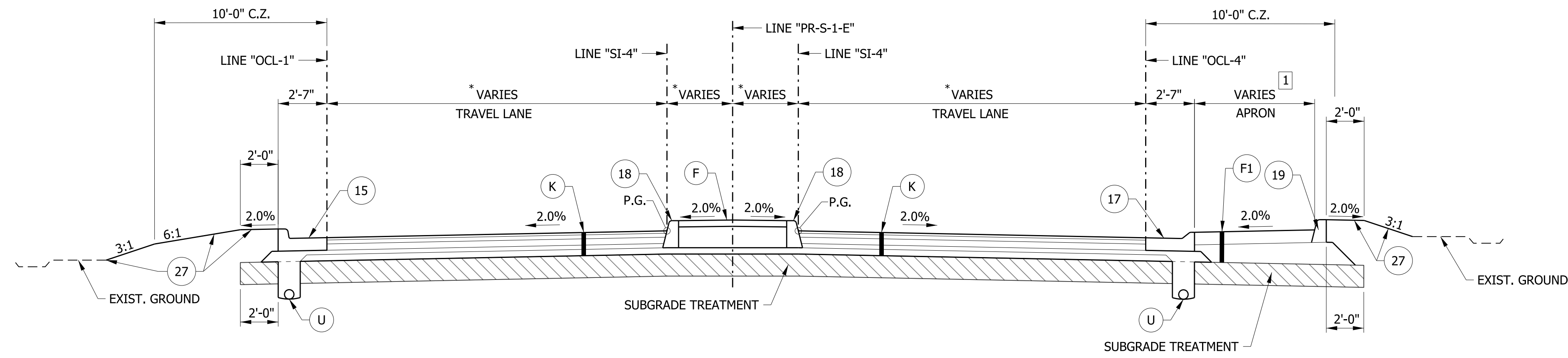
- 8 WIDTH VARIES FROM 12.99' AT STA. 12+45.16 TO 18.00' AT STA. 12+93.08



TYPICAL SECTION - COMBINED CURB & GUTTER, MEDIAN CONCRETE ISLAND, LEFT APRON
STA. 12+57.40 TO STA. 12+93.08 LINE "PR-S-1-E"

* SEE ROUNDABOUT GEOMETRIC LAYOUT FOR ADDITIONAL DETAILS

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
				1/4" = 1'-0"	
DESIGNED: MRW	DRAWN: JEC		TYPICAL CROSS SECTIONS LINE "PR-S-1-E"	VERTICAL SCALE	DESIGNATION
CHECKED: WRC	CHECKED: MRW			1/4" = 1'-0"	2000161
				SURVEY BOOK	SHEETS
				5	of 65
				CONTRACT	PROJECT
				R-43476	2000161

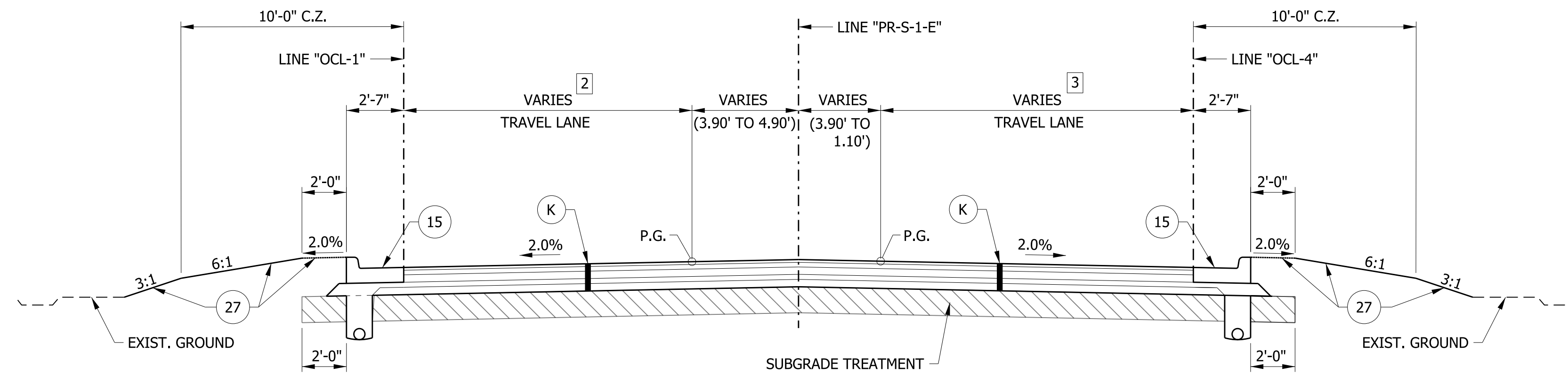


TYPICAL SECTION - COMBINED CURB & GUTTER, MEDIAN CONCRETE ISLAND, RIGHT APRON
 STA. 14+37.73 TO STA. 14+90.01 LINE "PR-S-1-E"

1 WIDTH VARIES FROM 7.53' AT STA. 14+37.73 TO 0' AT STA. 14+90.01

LEGEND

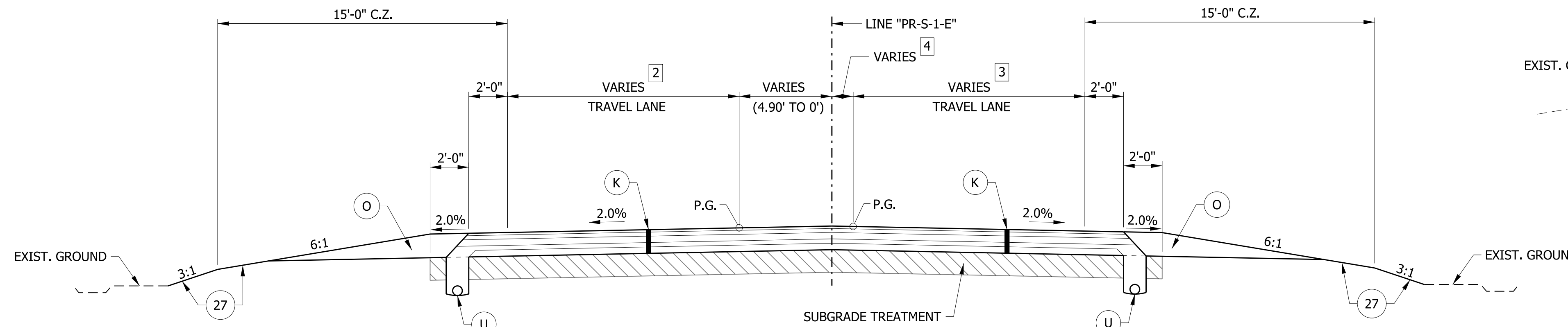
- (K) FULL DEPTH RECONSTRUCTION: TBD
- (R) HMA, MILL AND OVERLAY: TBD
- (U) UNDERDRAIN, TYPE 4, 6"
- (F) SIDEWALK, CONCRETE
- (O) COMPACTED AGGREGATE NO. 53
- (F1) TRUCK APRON: TBD
- (15) CURB & GUTTER, CONCRETE
- (17) CURB AND GUTTER, B, CONCRETE, MODIFIED
- (18) CURB, CONCRETE
- (19) CURB, INTEGRAL, CONCRETE
- (20) CURB AND GUTTER, ROLL CURB, MODIFIED
- (26) SODDING
- (27) MULCHED SEEDING, R



TYPICAL SECTION - ROUNDABOUT APPROACH w/ CURB AND GUTTER
 STA. 14+90.01 TO STA. 15+17.39 LINE "PR-S-1-E"

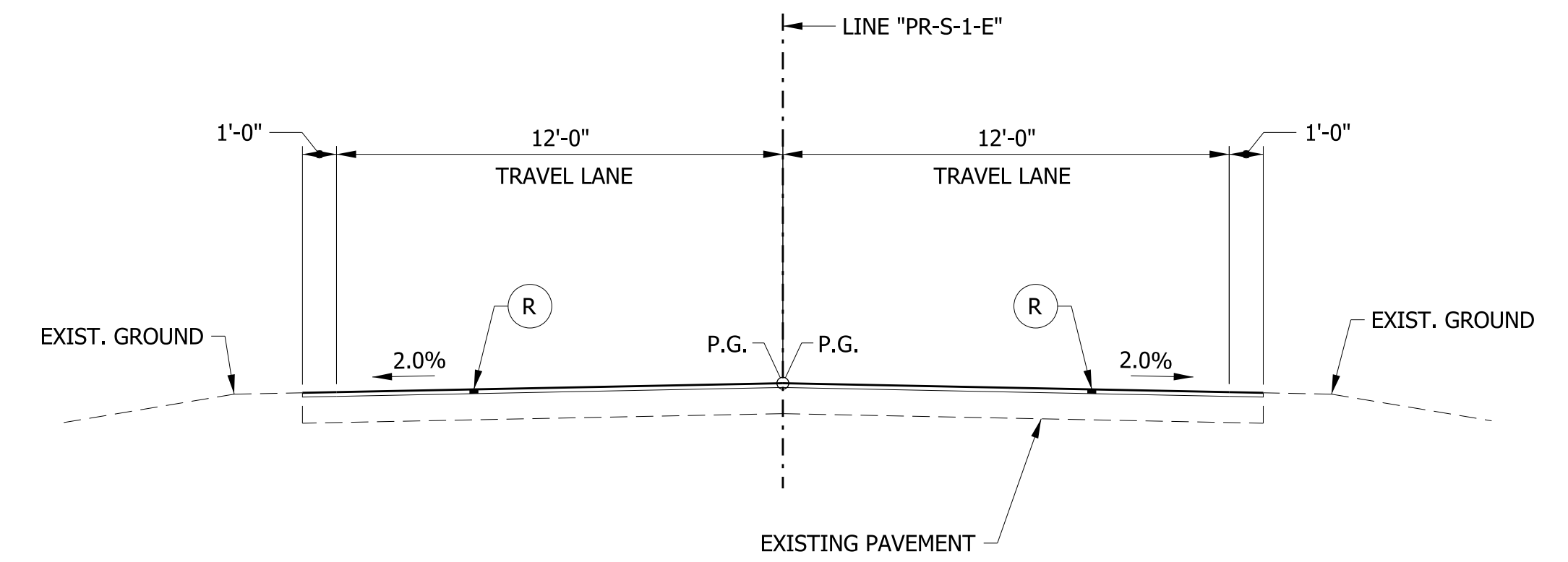
3 WIDTH VARIES FROM 14.47' AT STA. 14+90.01 TO 12.00' AT STA. 15+38.37
 WIDTH EQUALS 12.00' FROM STA. 15+38.37 TO STA. 15+19.28

2 WIDTH VARIES FROM 12.75' AT STA. 14+90.01 TO 12.00' AT STA. 15+03.57
 WIDTH EQUALS 12.00' FROM STA. 15+03.57 TO 15+18.10



TYPICAL SECTION - ROUNDABOUT APPROACH
 STA. 15+17.39 TO STA. 16+37.74 LINE "PR-S-1-E"

4 WIDTH VARIES FROM 1.10' AT STA. 15+17.39 TO 0' AT STA. 15+64.15
 WIDTH EQUALS 0' FROM STA. 15+64.15 TO STA. 16+37.74

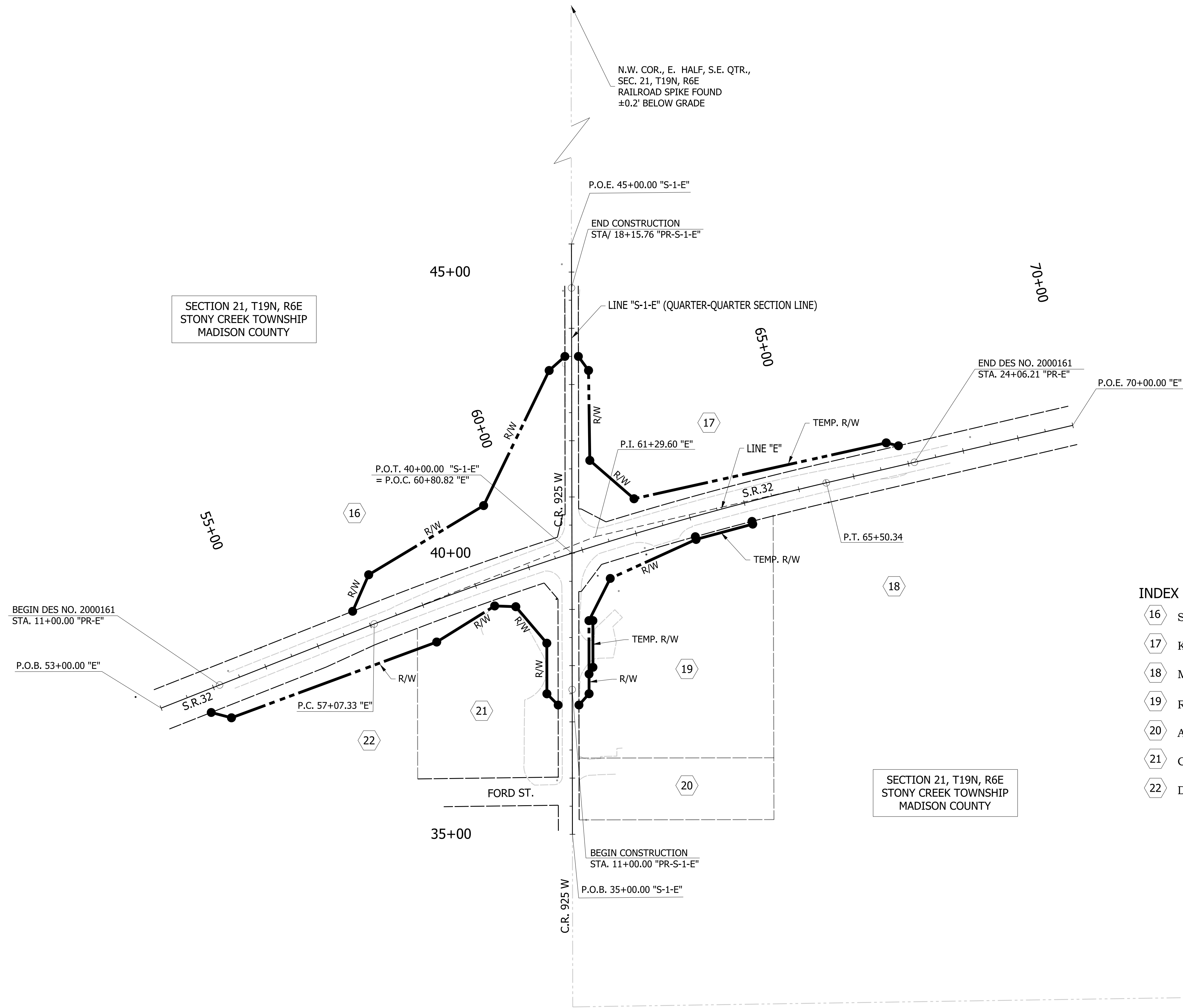
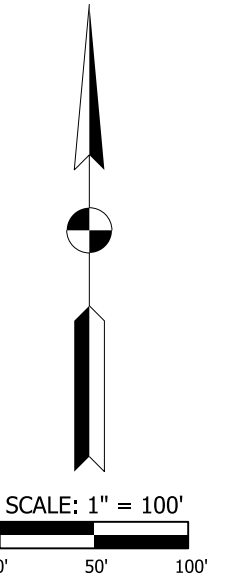


TYPICAL SECTION - INCIDENTAL OVERLAY
 STA. 16+37.74 TO STA. 16+67.74 LINE "PR-S-1-E"

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRW	DRAWN: JEC	
CHECKED: WRC	CHECKED: MRW	

INDIANA
 DEPARTMENT OF TRANSPORTATION
 TYPICAL CROSS SECTIONS
 LINE "PR-S-1-E"

HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	
VERTICAL SCALE	DESIGNATION
1/4" = 1'-0"	2000161
SURVEY BOOK	SHEETS
	6 of 65
CONTRACT	PROJECT
R-43476	2000161



SECTION 21, T19N, R6E
STONY CREEK TOWNSHIP
MADISON COUNTY

SECTION 21, T19N, R6E
STONY CREEK TOWNSHIP
MADISON COUNTY

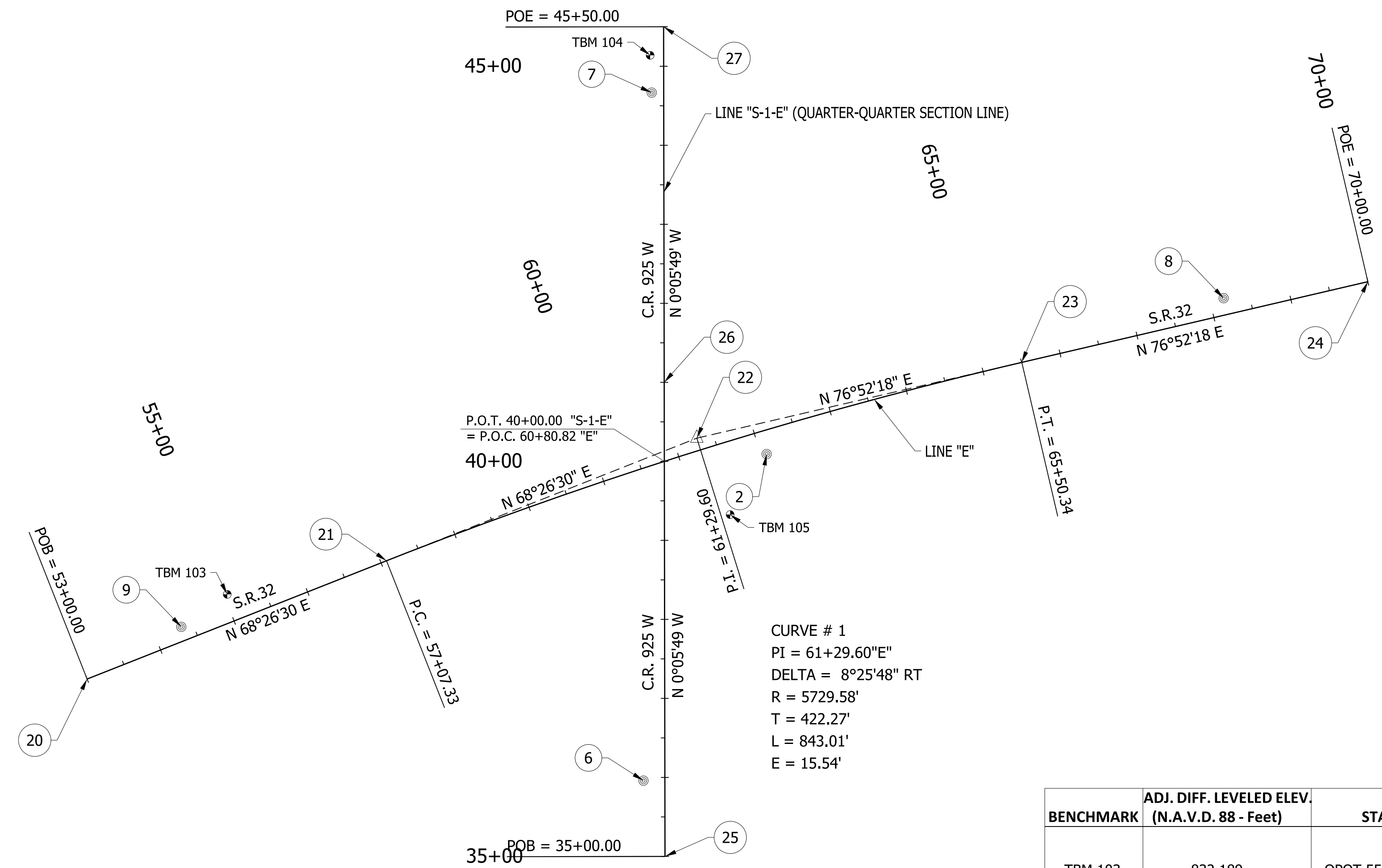
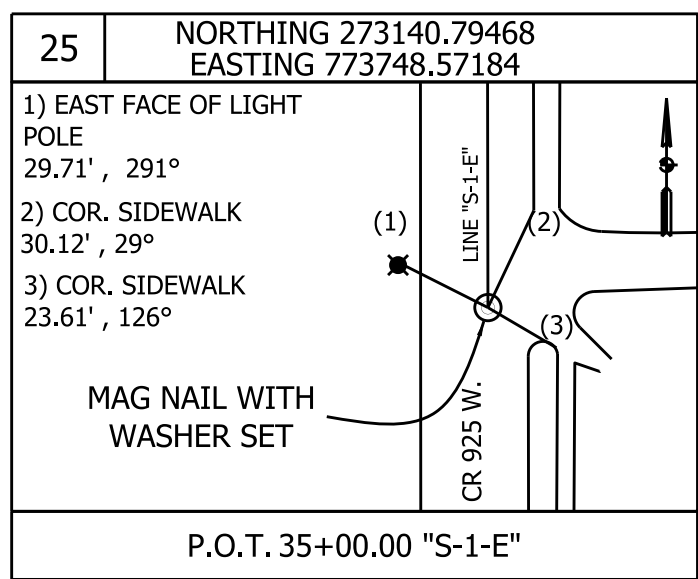
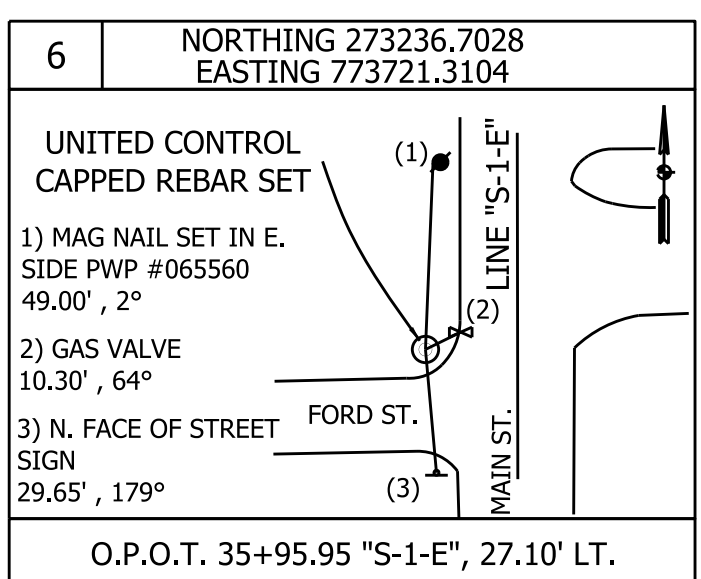
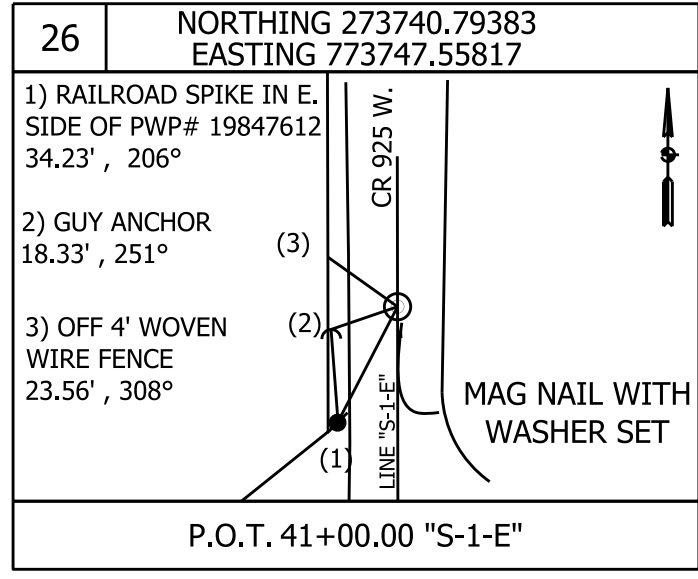
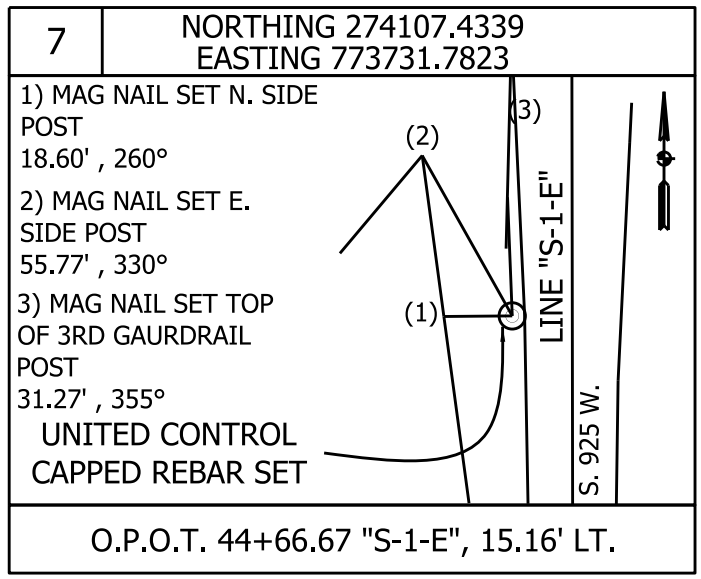
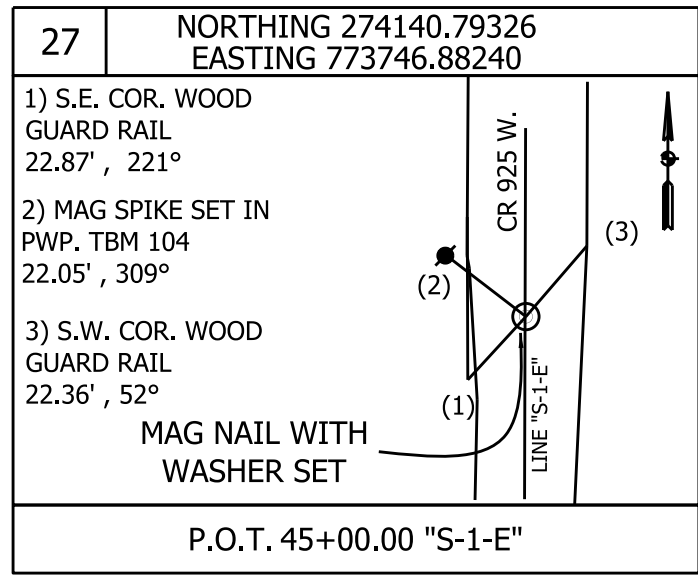
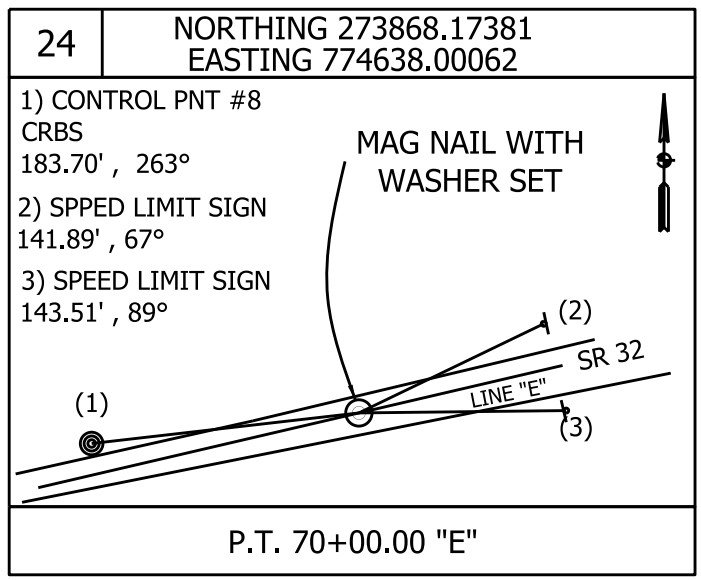
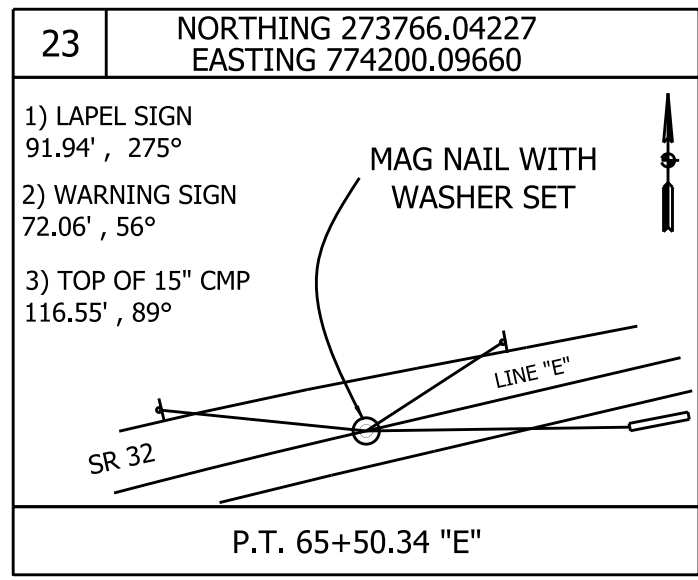
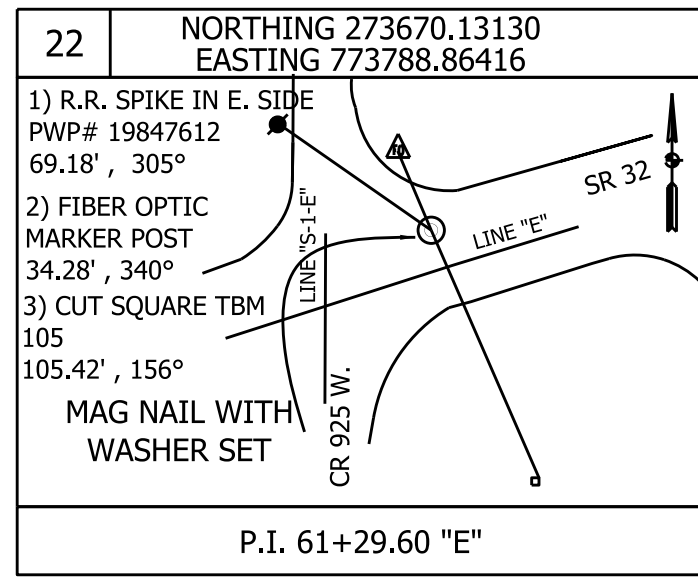
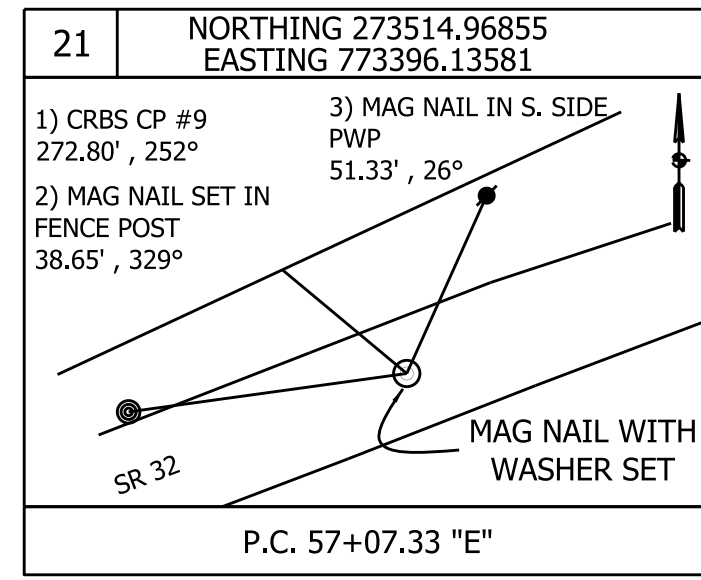
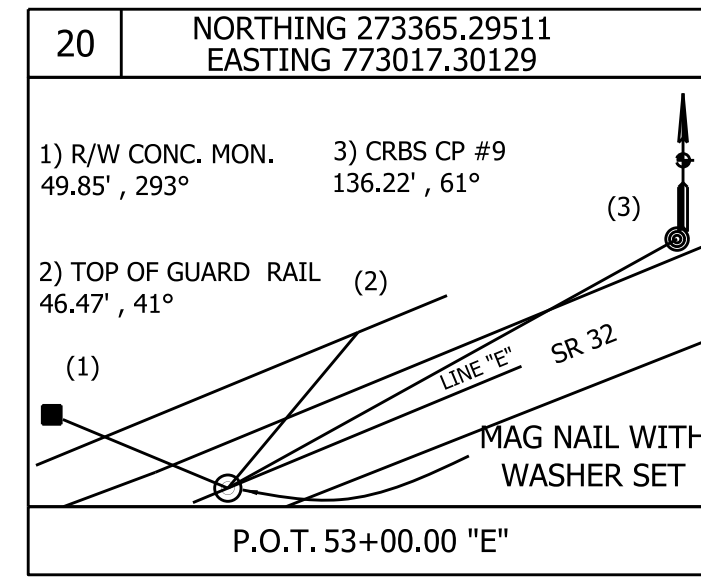
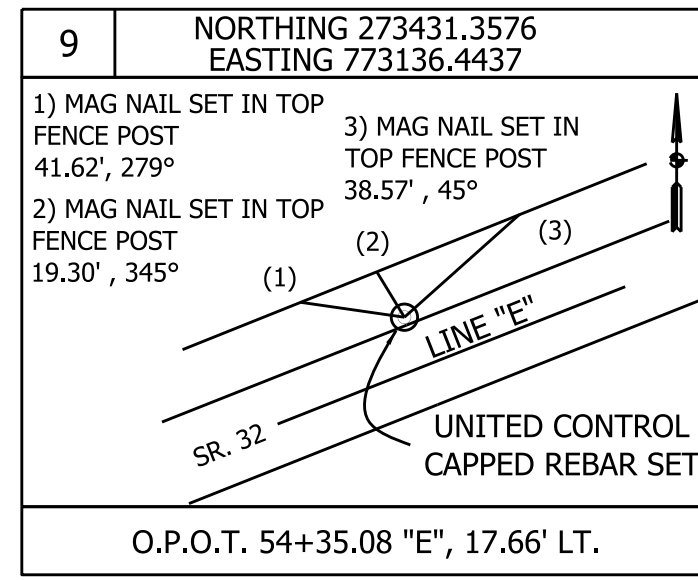
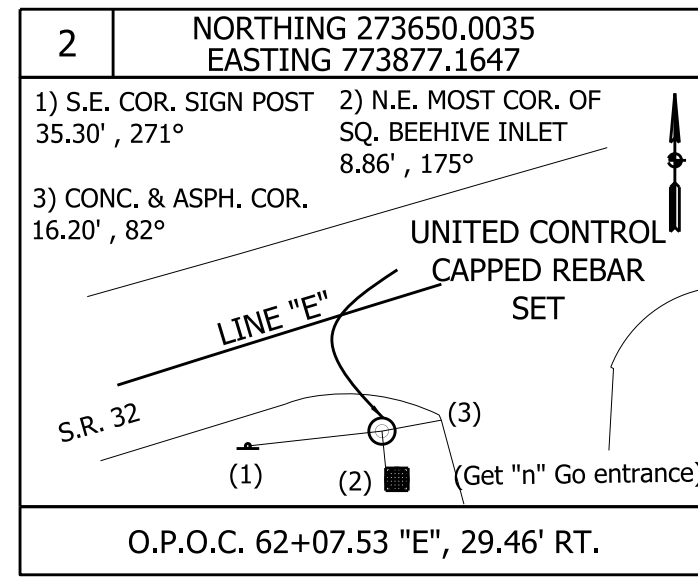
INDEX	PROPERTY INDEX OWNER
16	SIMMERMON FARMS INC.
17	KAREN K. LEONARD, TRUSTEE
18	MARCUS LOWELL CONRAD TRUST AGREEMENT
19	RICKER REAL ESTATE HOLDINGS, LLC
20	AMERICAN LEGION BARTHOLOMEW WHETSEL POST #212
21	COMMUNITY HOSPITAL OF ANDERSON AND MADISON COUNTY
22	DEANNA G. YANCEY, TRUSTEE, ET AL.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRW	DRAWN: JEC	
CHECKED: WRC	CHECKED: MRW	

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT NO. 1

HORIZONTAL SCALE	BRIDGE FILE
1"=100'	
VERTICAL SCALE	DESIGNATION
N/A	2000161
SURVEY BOOK	SHEETS
	7 of 65
CONTRACT	PROJECT
R-43476	2000161



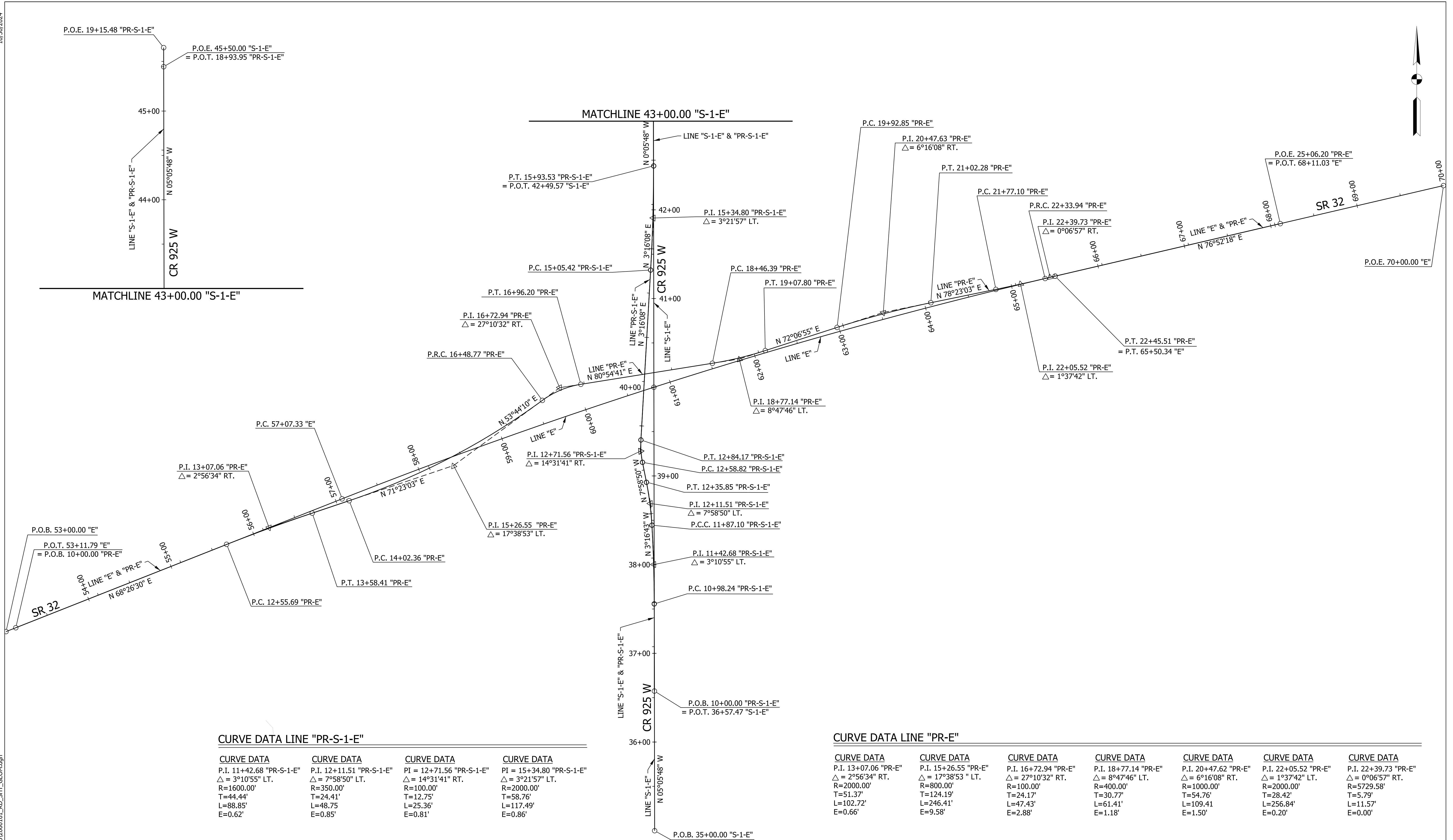
BENCHMARK	ADJ. DIFF. LEVELED ELEV. (N.A.V.D. 88 - Feet)	STATION	OFFSET	POINT NUMBER	DESCRIPTION
TBM 103	832.189	OPOT 55+04.3 "E"	34.5' LT.	103	MAG SPIKE SET IN THE SOUTH SIDE OF A POWER POLE ±35' NORTHWEST OF THE CENTERLINE OF STATE ROAD 32 ±590' SOUTHWEST OF THE CENTERLINE OF CR 925 W.
TBM 104	834.100	OPOT 45+13.9 "S-1-E"	17.1' LT.	104	MAG SPIKE SET IN THE SOUTH SIDE OF POWER POLE 200 579 ALONG THE WEST SIDE OF CR 925 W ±515' NORTH OF THE CENTERLINE OF STATE ROAD 32.
TBM 105	837.615	OPOT 39+32.5 "S-1-E"	83.1' RT.	105	CUT SQUARE IN THE TOP OF THE NORTHEAST CORNER OF THE CONCRETE BASE OF FILLER VENT PIPES ±90' SOUTHEAST OF THE CENTERLINE OF STATE ROAD 32 ±85' EAST OF THE CENTERLINE OF CR 925 W ALONG THE NORTHWEST SIDE OF THE PARKING LOT TO THE GETNGO GAS STATION.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRW	DRAWN: JEC	
CHECKED: WRC	CHECKED: MRW	

INDIANA
DEPARTMENT OF TRANSPORTATION

SURVEY CONTROL
SR 32 & CR 925 W

HORIZONTAL SCALE	BRIDGE FILE
1"=100'	
VERTICAL SCALE	DESIGNATION
N/A	2000161
SURVEY BOOK	SHEETS
	8 of 65
CONTRACT	PROJECT
R-43476	2000161



CURVE DATA LINE "PR-S-1-E"

CURVE DATA	CURVE DATA	CURVE DATA	CURVE DATA
P.I. 11+42.68 "PR-S-1-E" Δ = 3°10'55" LT. R=1600.00' T=44.44' L=88.85' E=0.62'	P.I. 12+11.51 "PR-S-1-E" Δ = 7°58'50" LT. R=350.00' T=24.41' L=48.75' E=0.85'	P.I. 12+71.56 "PR-S-1-E" Δ = 14°31'41" RT. R=100.00' T=12.75' L=25.36' E=0.81'	P.I. 15+34.80 "PR-S-1-E" Δ = 3°21'57" LT. R=2000.00' T=58.76' L=117.49' E=0.86'

CURVE DATA LINE "PR-E"

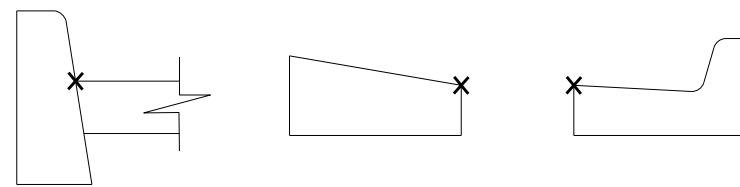
CURVE DATA	CURVE DATA	CURVE DATA	CURVE DATA	CURVE DATA	CURVE DATA	CURVE DATA
P.I. 13+07.06 "PR-E" Δ = 2°56'34" RT. R=2000.00' T=51.37' L=102.72' E=0.66'	P.I. 15+26.55 "PR-E" Δ = 17°38'53" LT. R=800.00' T=124.19' L=246.41' E=9.58'	P.I. 16+72.94 "PR-E" Δ = 27°10'32" RT. R=1000.00' T=24.17' L=47.43' E=2.88'	P.I. 18+77.14 "PR-E" Δ = 8°47'46" LT. R=400.00' T=30.77' L=61.41' E=1.18'	P.I. 20+47.62 "PR-E" Δ = 6°16'08" RT. R=1000.00' T=54.76' L=109.41' E=1.50'	P.I. 22+05.52 "PR-E" Δ = 1°37'42" LT. R=2000.00' T=28.42' L=256.84' E=0.20'	P.I. 22+39.73 "PR-E" Δ = 0°06'57" RT. R=5729.58' T=5.79' L=11.57' E=0.00'

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: MRW	DRAWN: JEC			1"=50'	
CHECKED: WRC	CHECKED: MRW		GEOMETRIC TIE-UP	VERTICAL SCALE	DESIGNATION
				N/A	2000161
				SURVEY BOOK	SHEETS
					9 of 65
				CONTRACT	PROJECT
				R-43476	2000161

LINE	P.I. STA.	NORTHING	EASTING	Δ	TANGENT LENGTH	ARC LENGTH	RADIUS	BEGIN CURVE STATION	END CURVE STATION
SI-4	5+27.13	273757.78	773741.80	24°17'58" RT.	24.11'	47.50'	112.00'	5+00.00	5+50.52
SI-4	5+52.26	273734.68	773730.19	120°14'49" LT.	1.74'	2.10'	1.00'	5+50.52	5+52.62
SI-4	5+62.34	273735.39	773741.63	15°48'30" RT.	9.71'	19.31'	70.00'	5+52.62	5+71.93
SI-4	5+76.74	273732.30	773755.82	116°04'13" LT.	4.81'	6.08'	3.00'	5+71.93	5+78.01
SI-4	6+02.39	273760.65	773748.85	9°17'36" RT.	24.38'	48.66'	300.00'	5+78.01	6+26.67

LINE	P.I. STA.	NORTHING	EASTING	Δ	TANGENT LENGTH	ARC LENGTH	RADIUS	BEGIN CURVE STATION	END CURVE STATION
OCL-1	5+66.93	273748.63	773727.41	48°49'53" RT.	49.93'	93.75'	110.00'	5+17.00	6+10.75
OCL-1	6+15.59	273714.32	773684.70	47°20'38" RT.	9.51'	9.51'	70.00'	6+10.75	6+20.25
OCL-1	7+77.76	273596.59	773573.16	25°21'41" RT.	157.50'	309.85'	700.00'	6+20.25	9+30.10

LINE	P.I. STA.	NORTHING	EASTING	Δ	TANGENT LENGTH	ARC LENGTH	RADIUS	BEGIN CURVE STATION	END CURVE STATION
SI-1	5+10.93	273523.65	773446.20	12°28'38" RT.	10.93'	21.78'	100.00'	5+00.00	5+21.78
SI-1	5+81.73	273550.41	773511.84	9°01'15" RT.	59.95'	119.66'	760.00'	5+21.78	6+41.43
SI-1	7+39.40	273632.22	773646.92	28°34'47" LT.	18.34'	35.91'	72.00'	6+41.43	7+56.98
SI-1	7+58.51	273633.13	773666.77	113°41'39" RT.	1.53'	1.98'	1.00'	7+56.98	7+58.96
SI-1	7+68.89	273643.40	773661.69	16°08'42" LT.	9.93'	19.73'	70.00'	7+58.96	7+78.69
SI-1	7+83.50	273657.91	773659.08	116°04'21" RT.	4.81'	6.08'	3.00'	7+78.69	7+84.77
SI-1	7+98.07	273647.20	773644.48	2°10'38" RT.	13.30'	26.60'	700.00'	7+84.77	8+11.37
SI-1	9+18.94	273572.08	773549.77	17°25'29" LT.	107.58'	213.49'	702.00'	8+11.37	10+24.86
SI-1	10+33.17	273530.56	773441.58	0°09'58" RT.	8.31'	16.62'	5727.58'	10+24.86	10+41.48

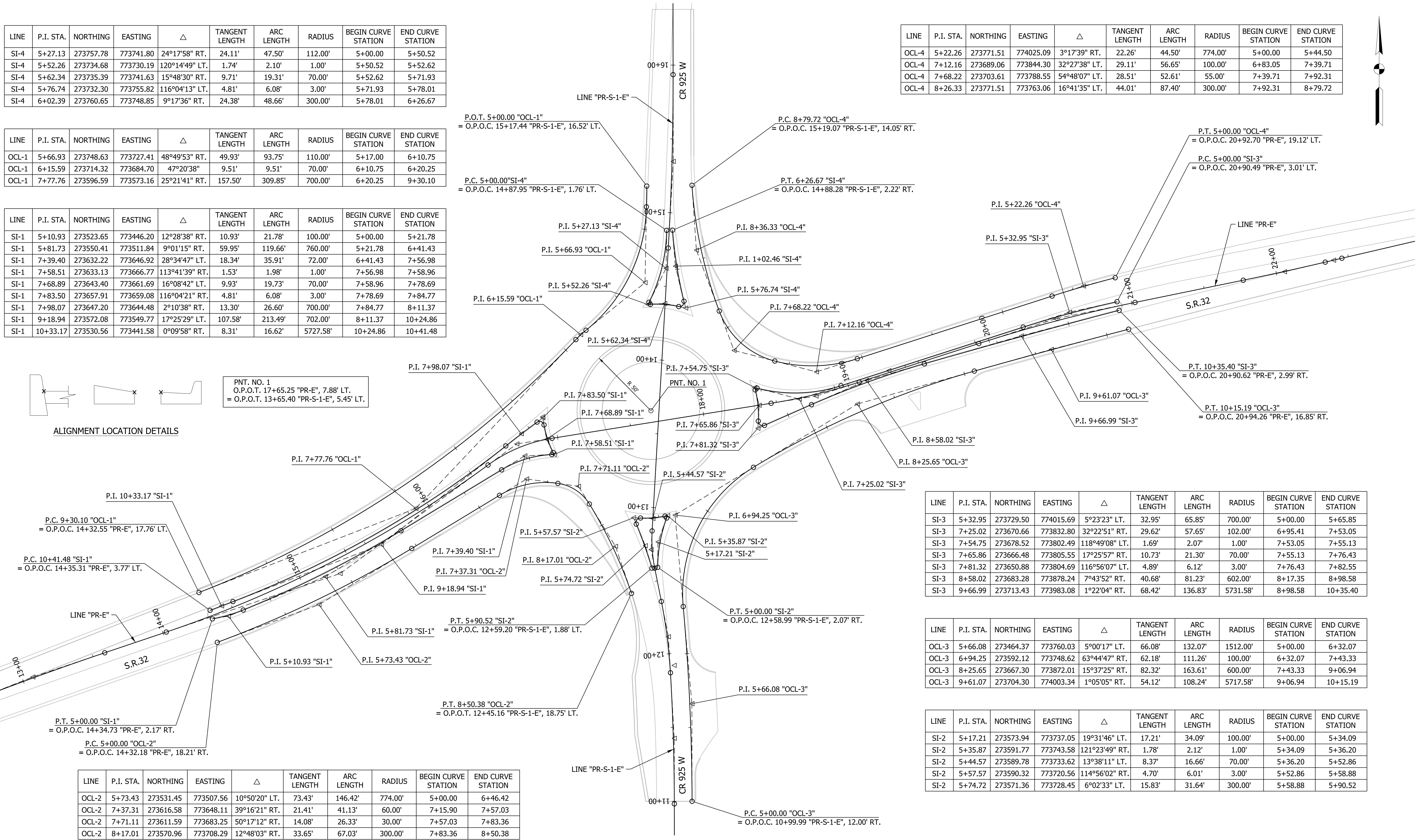
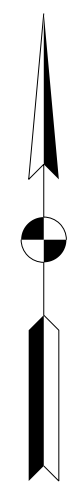


ALIGNMENT LOCATION DETAILS

PNT. NO. 1
O.P.O.T. 17+65.25 "PR-E", 7.88' LT.
= O.P.O.T. 13+65.40 "PR-S-1-E", 5.45' LT.

P.O.T. 5+00.00 "OCL-1"
= O.P.O.C. 15+17.44 "PR-S-1-E", 16.52' LT.
P.C. 8+79.72 "OCL-4"
= O.P.O.C. 15+19.07 "PR-S-1-E", 14.05' RT.
P.C. 5+00.00 "SI-4"
= O.P.O.C. 14+87.95 "PR-S-1-E", 1.76' LT.
P.T. 6+26.67 "SI-4"
= O.P.O.C. 14+88.28 "PR-S-1-E", 2.22' RT.

LINE	P.I. STA.	NORTHING	EASTING	Δ	TANGENT LENGTH	ARC LENGTH	RADIUS	BEGIN CURVE STATION	END CURVE STATION
OCL-4	5+22.26	273771.51	774025.09	3°17'39" RT.	22.26'	44.50'	774.00'	5+00.00	5+44.50
OCL-4	7+12.16	273689.06	773844.30	32°27'38" LT.	29.11'	56.65'	100.00'	6+83.05	7+39.71
OCL-4	7+68.22	273703.61	773788.55	54°48'07" LT.	28.51'	52.61'	55.00'	7+39.71	7+92.31
OCL-4	8+26.33	273771.51	773763.06	16°41'35" LT.	44.01'	87.40'	300.00'	7+92.31	8+79.72



LINE	P.I. STA.	NORTHING	EASTING	Δ	TANGENT LENGTH	ARC LENGTH	RADIUS	BEGIN CURVE STATION	END CURVE STATION
OCL-2	5+73.43	273531.45	773507.56	10°50'20" LT.	73.43'	146.42'	774.00'	5+00.00	6+46.42
OCL-2	7+37.31	273616.58	773648.11	39°16'21" RT.	21.41'	41.13'	60.00'	7+15.90	7+57.03
OCL-2	7+71.11	273611.59	773683.25	50°17'12" RT.	14.08'	26.33'	30.00'	7+57.03	7+83.36
OCL-2	8+17.01	273570.96	773708.29	12°48'03" RT.	33.65'	67.03'	300.00'	7+83.36	8+50.38

LINE	P.I. STA.	NORTHING	EASTING	Δ	TANGENT LENGTH	ARC LENGTH	RADIUS	BEGIN CURVE STATION	END CURVE STATION
SI-3	5+32.95	273729.50	774015.69	5°23'23" LT.	32.95'	65.85'	700.00'	5+00.00	5+65.85
SI-3	7+25.02	273670.66	773832.80	32°22'51" RT.	29.62'	57.65'	102.00'	6+95.41	7+53.05
SI-3	7+54.75	273678.52	773802.49	118°49'08" LT.	1.69'	2.07'	1.00'	7+53.05	7+55.13
SI-3	7+65.86	273666.48	773805.55	17°25'57" RT.	10.73'	21.30'	70.00'	7+55.13	7+76.43
SI-3	7+81.32	273650.88	773804.69	116°56'07" LT.	4.89'	6.12'	3.00'	7+76.43	7+82.55
SI-3	8+58.02	273683.28	773878.24	7°43'52" RT.	40.68'	81.23'	602.00'	8+17.35	8+98.58
SI-3	9+66.99	273713.43	773983.08	1°22'04" RT.	68.42'	136.83'	5731.58'	8+98.58	10+35.40

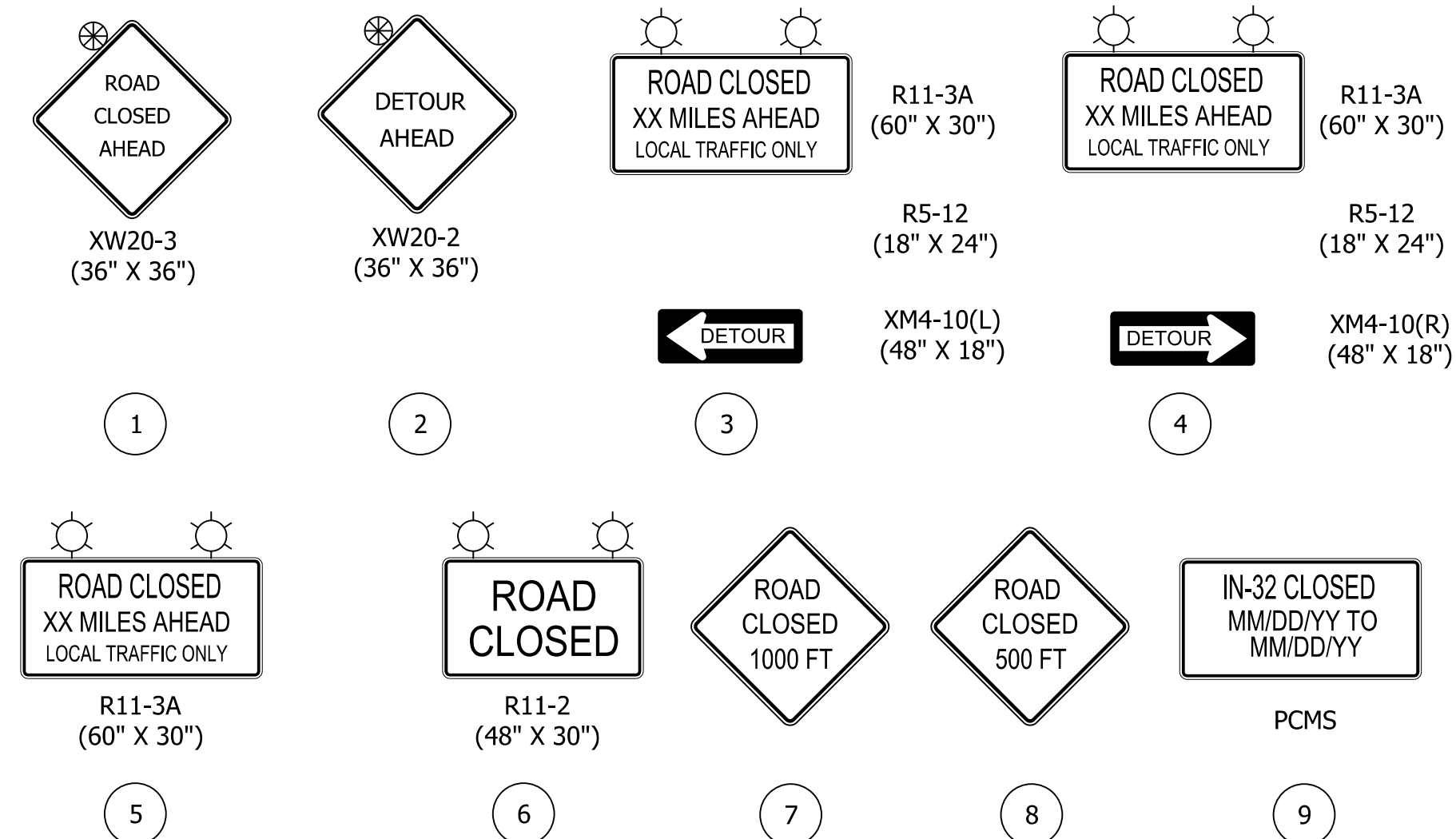
LINE	P.I. STA.	NORTHING	EASTING	Δ	TANGENT LENGTH	ARC LENGTH	RADIUS	BEGIN CURVE STATION	END CURVE STATION
OCL-3	5+66.08	273464.37	773760.03	5°00'17" LT.	66.08'	132.07'	1512.00'	5+00.00	6+32.07
OCL-3	6+94.25	273592.12	773748.62	63°44'47" RT.	62.18'	111.26'	100.00'	6+32.07	7+43.33
OCL-3	8+25.65	273667.30	773872.01	15°37'25" RT.	82.32'	163.61'	600.00'	7+43.33	9+06.94
OCL-3	9+61.07	273704.30	774003.34	1°05'05" RT.	54.12'	108.24'	5717.58'	9+06.94	10+15.19

LINE	P.I. STA.	NORTHING	EASTING	Δ	TANGENT LENGTH	ARC LENGTH	RADIUS	BEGIN CURVE STATION	END CURVE STATION
SI-2	5+17.21	273573.94	773737.05	19°31'46" LT.	17.21'	34.09'	100.00'	5+00.00	5+34.09
SI-2	5+35.87	273591.77	773743.58	121°23'49" RT.	1.78'	2.12'	1.00'	5+34.09	5+36.20
SI-2	5+44.57	273589.78	773733.62	13°38'11" LT.	8.37'	16.66'	70.00'	5+36.20	5+52.86
SI-2	5+57.57	273590.32	773720.56	114°56'02" RT.	4.70'	6.01'	3.00'	5+52.86	5+58.88
SI-2	5+74.72	273571.36	773728.45	6°02'33" LT.	15.83'	31.64'	300.00'	5+58.88	5+90.52

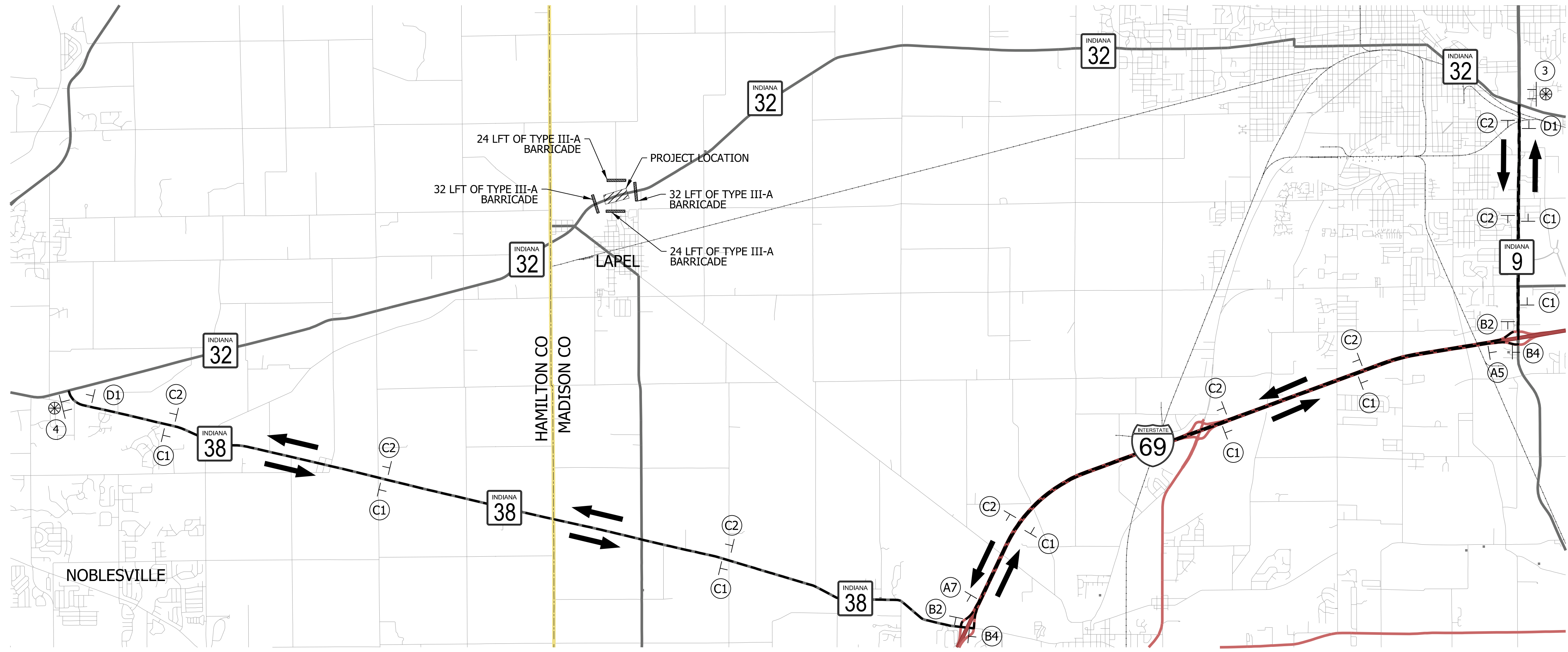
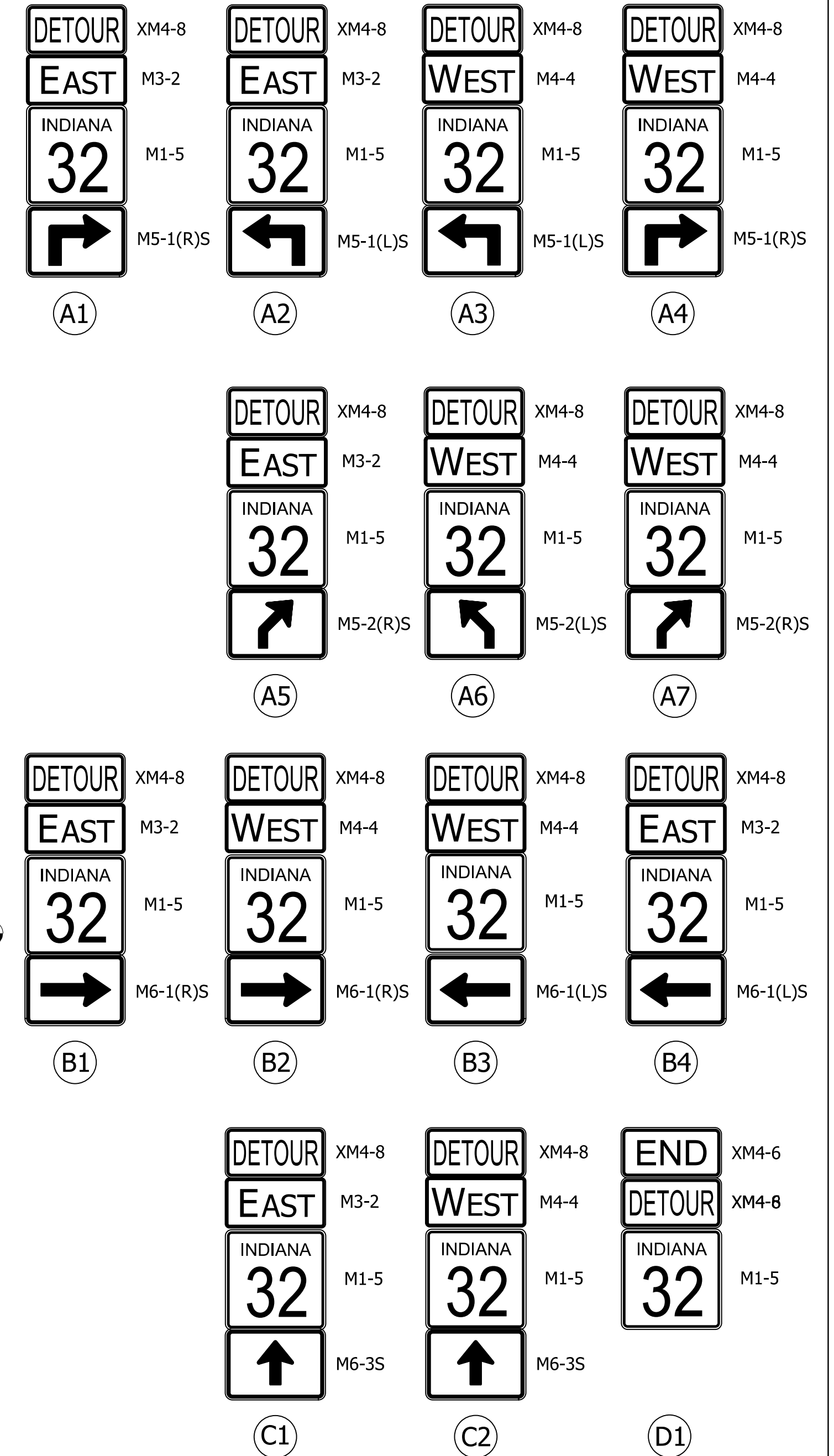
RECOMMENDED FOR APPROVAL DESIGNED: MRW CHECKED: WRC	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION ROUNDABOUT GEOMETRIC LAYOUT	HORIZONTAL SCALE 1"=30'	BRIDGE FILE
	DRAWN: JWM	DATE		SURVEY BOOK R-43476	DESIGNATION 2000161
				PROJECT 2000161	

MAINTENANCE OF TRAFFIC QUANTITIES		
ITEM	UNIT	QUANTITY
CONSTRUCTION SIGN, TYPE A	EACH	XX
CONSTRUCTION SIGN, TYPE B	EACH	XX
ROAD CLOSURE SIGN ASSEMBLY	EACH	XX
DETOUR ROUTE MARKER ASSEMBLY	EACH	XX
TYPE III-A BARRICADE	LFT	XX
TYPE III-B BARRICADE	LFT	XX
PORTABLE MESSAGE SIGN	EACH	XX

ROAD CLOSURE SIGN ASSEMBLY (RCSA)



DETOUR ROUTE MARKER ASSEMBLIES



NOTES:

- SR 32 TO BE CLOSED TO THROUGH TRAFFIC DURING CONSTRUCTION.
- DRIVEWAY ACCESS TO BE MAINTAINED AT ALL TIMES.
- REFER TO INDOT STANDARD DRAWINGS E801-TCDT, E801-TCDV, E801-TCLG AND E 801-TCSN FOR FURTHER DETAILS OF TRAFFIC CONTROL SIGNS AND PLACEMENT.

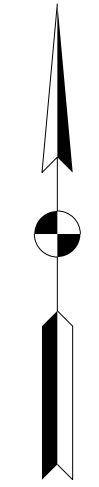
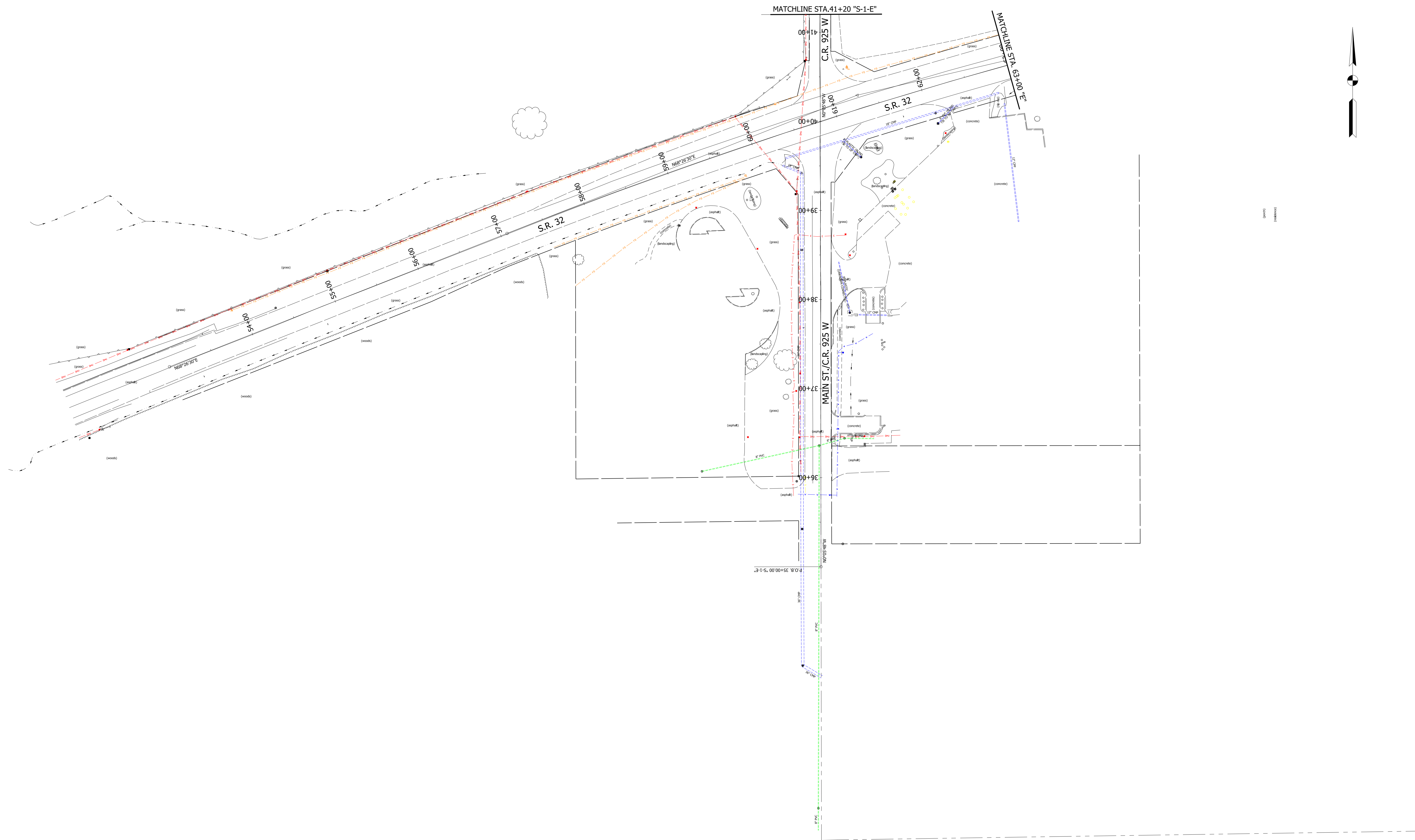
<p>LEGEND</p> <ul style="list-style-type: none"> DETOUR ROUTE MARKER ASSEMBLY CONSTRUCTION SIGN, TYPE A TYPE "A" CONSTRUCTION WARNING LIGHT TYPE "B" CONSTRUCTION WARNING LIGHT 	<ul style="list-style-type: none"> STANDARD BARRICADE, TYPE III-B DETOUR ROUTE CONSTRUCTION AREA DIRECTION OF DETOUR TRAFFIC FLOW
--	---

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRW	DRAWN: JEC	
CHECKED: WRC	CHECKED: MRW	

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STATE DETOUR ROUTE

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	
VERTICAL SCALE	DESIGNATION
N/A	2000161
SURVEY BOOK	SHEETS
	11 of 65
CONTRACT R-43476	PROJECT 2000161

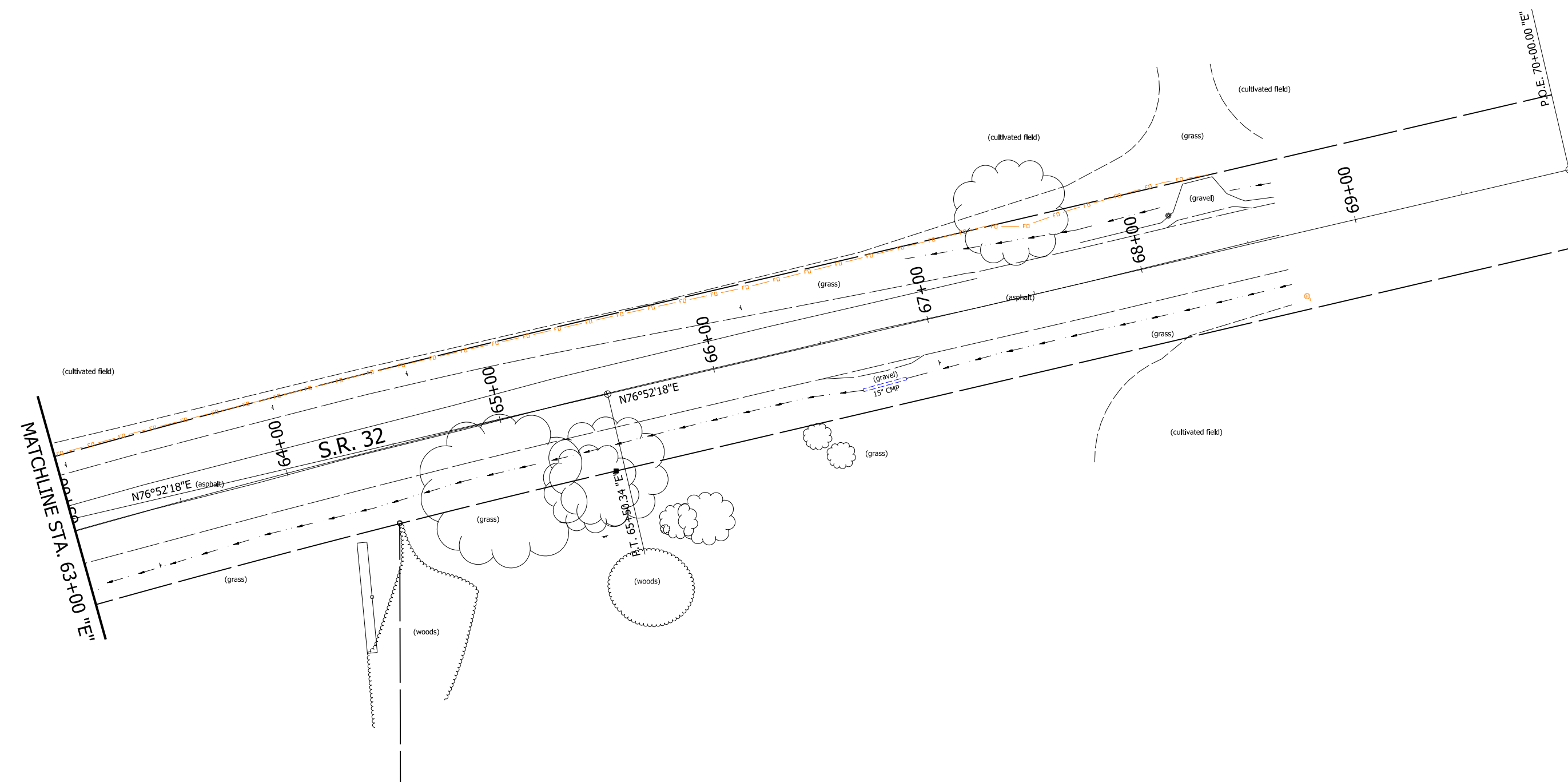
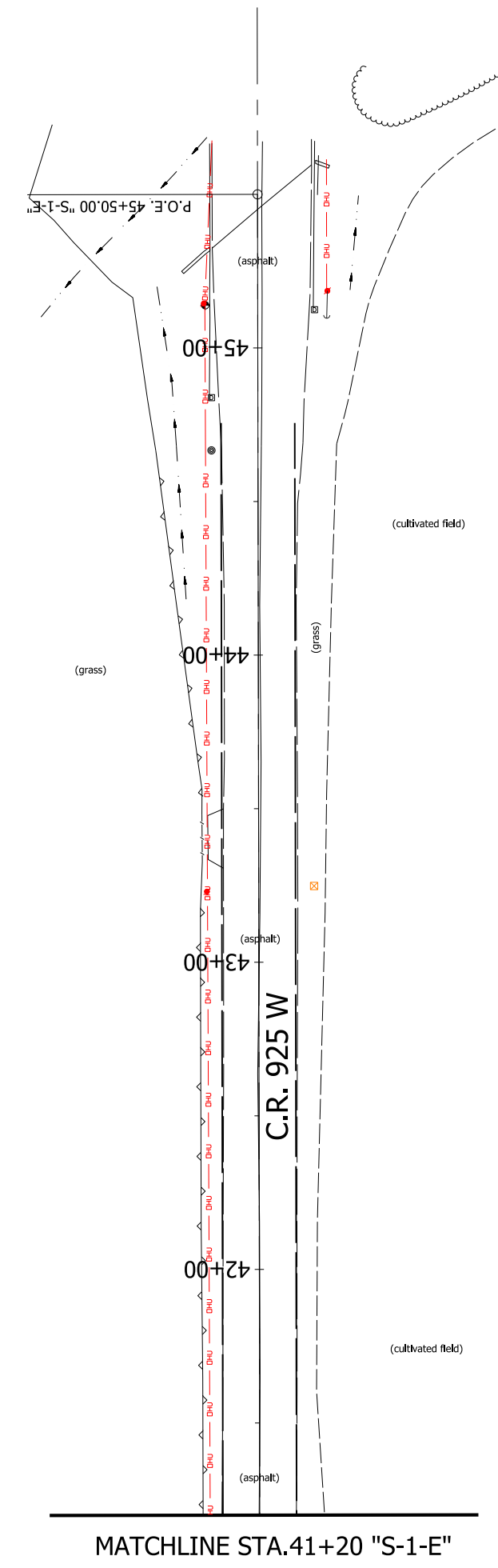


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

**EXISTING
UTILITIES**

HORIZONTAL SCALE 1"=50'	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 2000161
SURVEY BOOK	SHEETS 12 of 65
CONTRACT R-43476	PROJECT 2000161

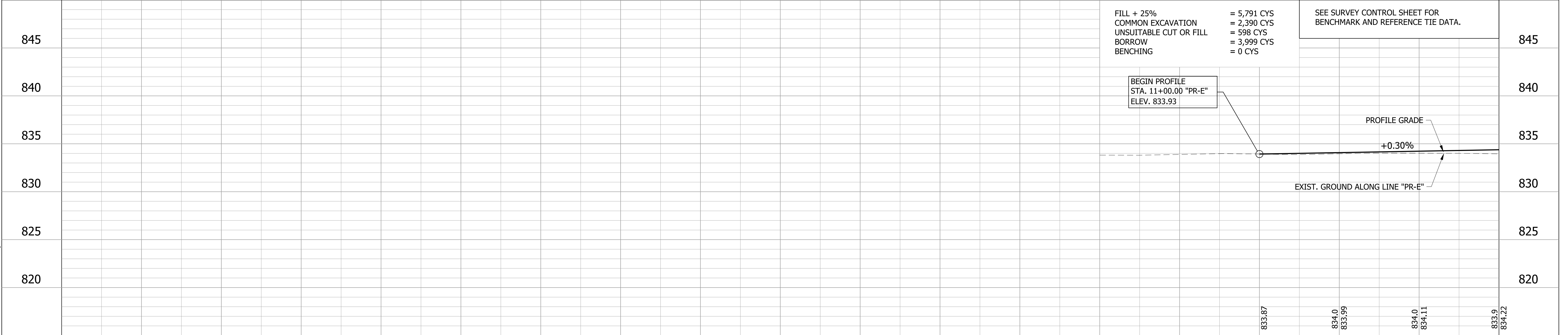
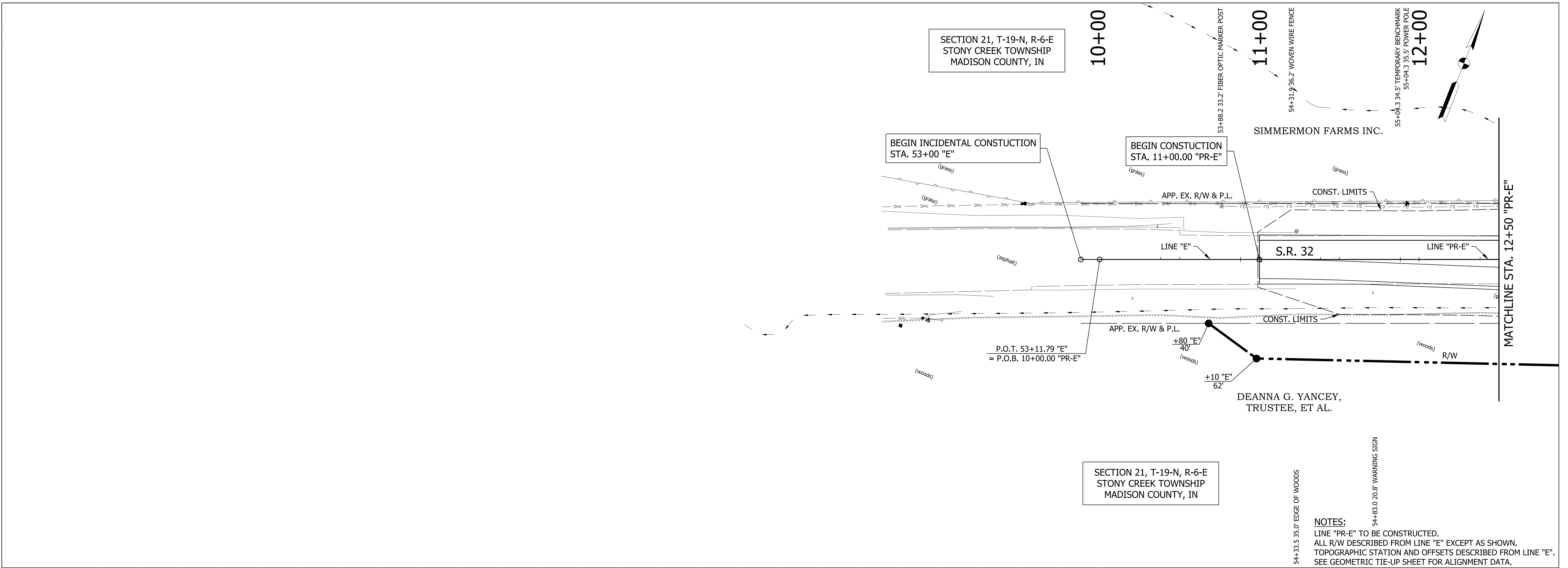


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: MRW _____	DRAWN: MRW _____	
CHECKED: WRC _____	CHECKED: WRC _____	

INDIANA
DEPARTMENT OF TRANSPORTATION

EXISTING
UTILITIES

HORIZONTAL SCALE 1"=50'	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 2000161
SURVEY BOOK	SHEETS 13 of 65
CONTRACT R-43476	PROJECT 2000161

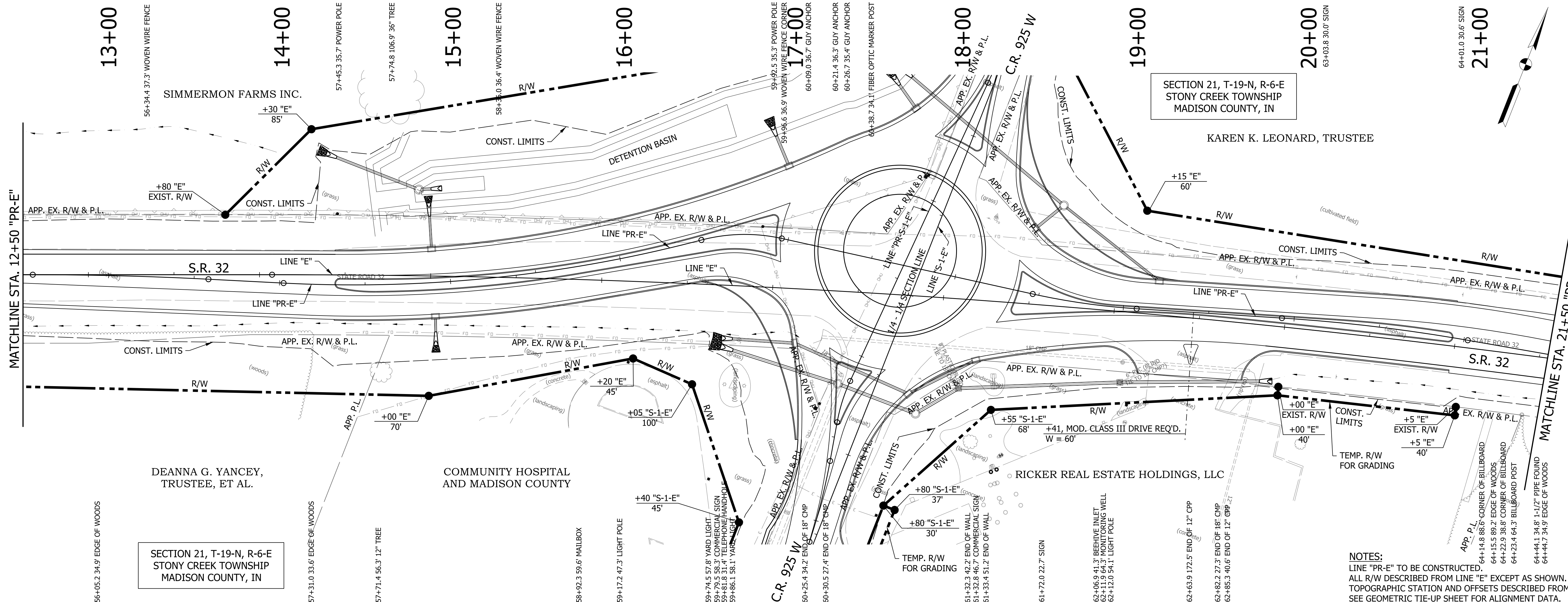


FILL + 25% = 5,791 CYS
 COMMON EXCAVATION = 2,390 CYS
 UNSUITABLE CUT OR FILL = 598 CYS
 BORROW = 3,999 CYS
 BENCHING = 0 CYS

SEE SURVEY CONTROL SHEET FOR BENCHMARK AND REFERENCE TIE DATA.

NOTES:
 LINE "PR-E" TO BE CONSTRUCTED.
 ALL R/W DESCRIBED FROM LINE "E" EXCEPT AS SHOWN.
 TOPOGRAPHIC STATION AND OFFSETS DESCRIBED FROM LINE "E".
 SEE GEOMETRIC TIE-UP SHEET FOR ALIGNMENT DATA.

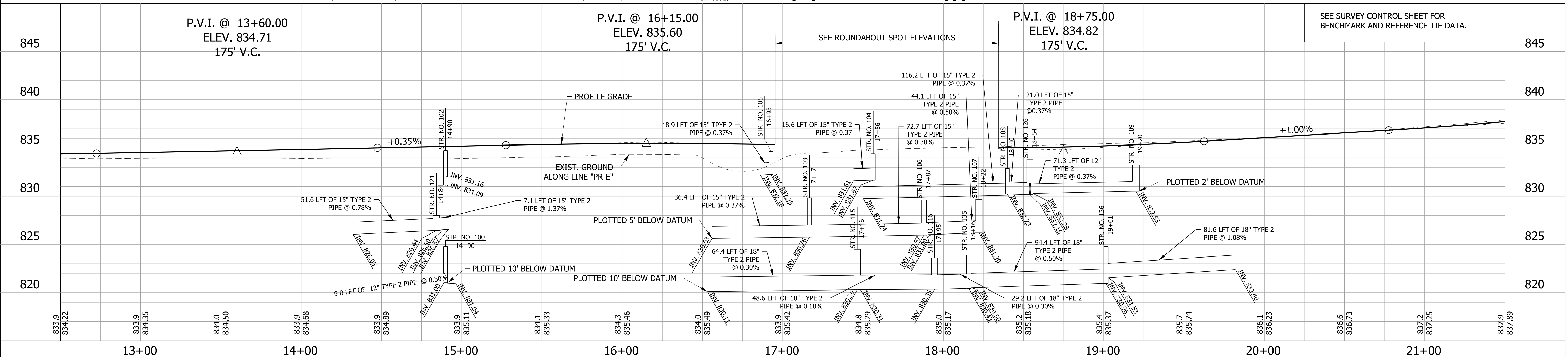
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: MRW		DRAWN: JEC		VERTICAL SCALE	DESIGNATION
CHECKED: WRC	CHECKED: MRW			PLAN & PROFILE LINE "PR-E"	1"=30'	2000161
					1"=5'	2000161
					SURVEY BOOK	SHEETS
					CONTRACT	14 of 65
					R-43476	PROJECT
						2000161



SECTION 21, T-19-N, R-6-E
STONY CREEK TOWNSHIP
MADISON COUNTY, IN

SECTION 21, T-19-N, R-6-E
STONY CREEK TOWNSHIP
MADISON COUNTY, IN

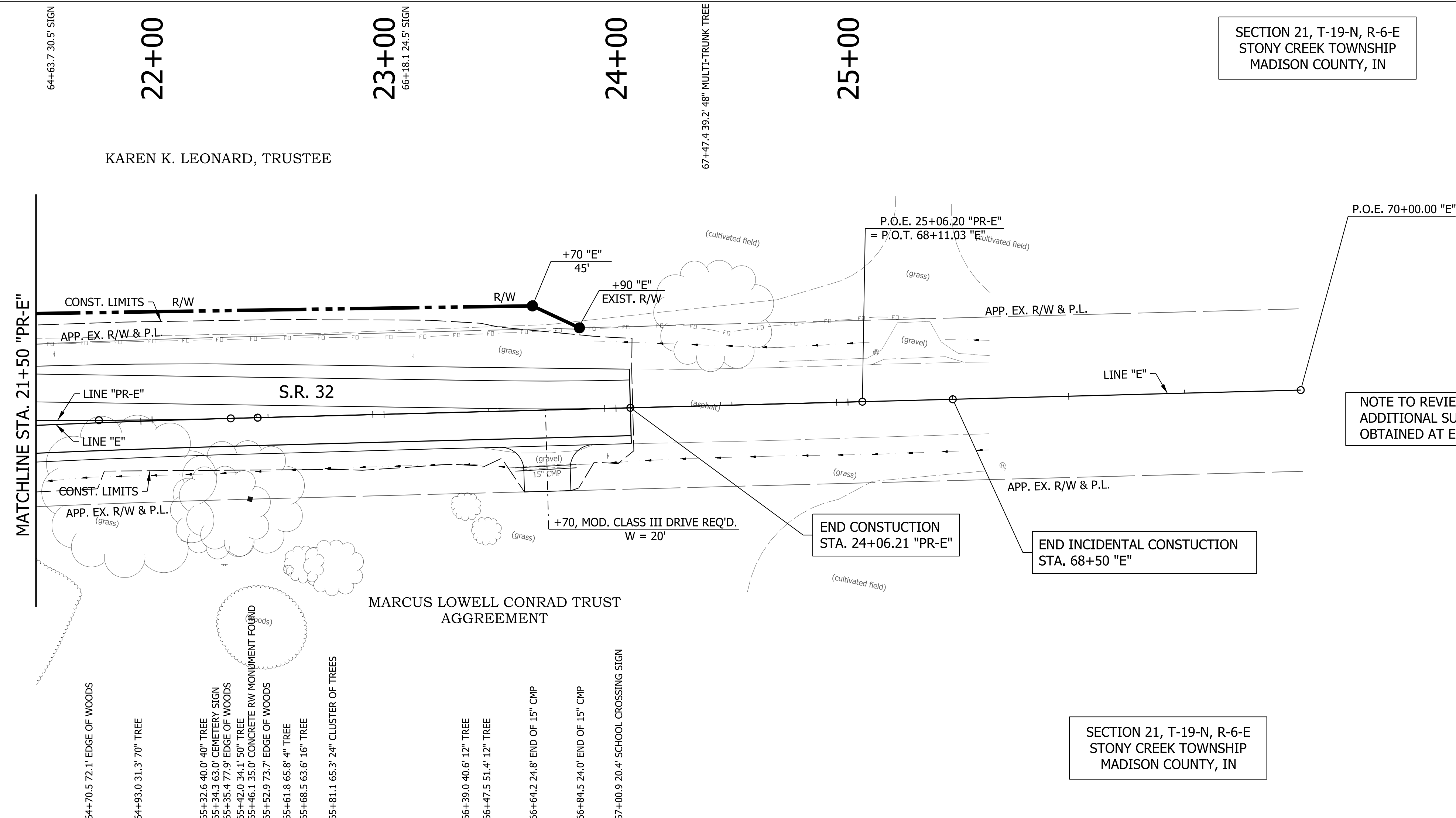
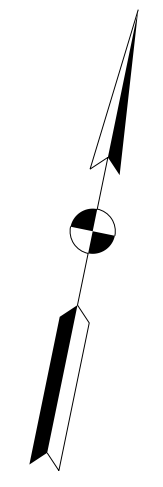
NOTES:
LINE "PR-E" TO BE CONSTRUCTED.
ALL R/W DESCRIBED FROM LINE "E" EXCEPT AS SHOWN.
TOPOGRAPHIC STATION AND OFFSETS DESCRIBED FROM LINE "E".
SEE GEOMETRIC TIE-UP SHEET FOR ALIGNMENT DATA.



SEE SURVEY CONTROL SHEET FOR
BENCHMARK AND REFERENCE TIE DATA.

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION PLAN & PROFILE LINE "PR-E"	HORIZONTAL SCALE 1"=30'		BRIDGE FILE	
DESIGNED: MRW		DRAWN: JEC				VERTICAL SCALE 1"=5'		DESIGNATION 2000161	
CHECKED: WRC		CHECKED: MRW				SURVEY BOOK		SHEETS 15 of 65	
						CONTRACT R-43476		PROJECT 2000161	

SECTION 21, T-19-N, R-6-E
STONY CREEK TOWNSHIP
MADISON COUNTY, IN



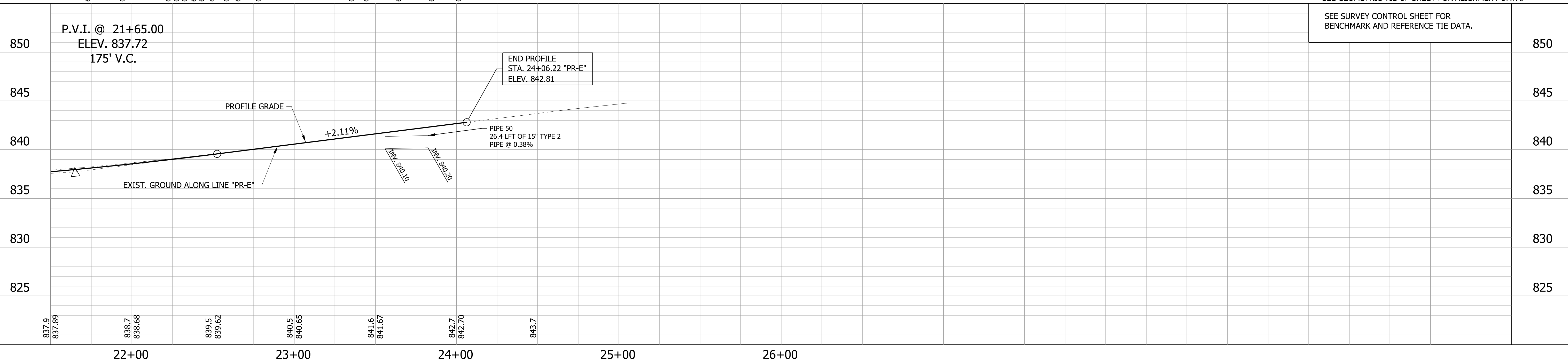
NOTE TO REVIEWER:
ADDITIONAL SURVEY IS BEING
OBTAINED AT EACH END OF SR 32.

END CONSTRUCTION
STA. 24+06.21 "PR-E"

END INCIDENTAL CONSTRUCTION
STA. 68+50 "E"

SECTION 21, T-19-N, R-6-E
STONY CREEK TOWNSHIP
MADISON COUNTY, IN

NOTES:
LINE "PR-E" TO BE CONSTRUCTED.
ALL R/W DESCRIBED FROM LINE "E" EXCEPT AS SHOWN.
TOPOGRAPHIC STATION AND OFFSETS DESCRIBED FROM LINE "E".
SEE GEOMETRIC TIE-UP SHEET FOR ALIGNMENT DATA.



SEE SURVEY CONTROL SHEET FOR
BENCHMARK AND REFERENCE TIE DATA.

END PROFILE
STA. 24+06.22 "PR-E"
ELEV. 842.81

PIPE 50
26.4 LFT OF 15" TYPE 2
PIPE @ 0.38%

22+00

23+00

24+00

25+00

26+00

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: MRW	DRAWN: JEC		
CHECKED: WRC	CHECKED: MRW		

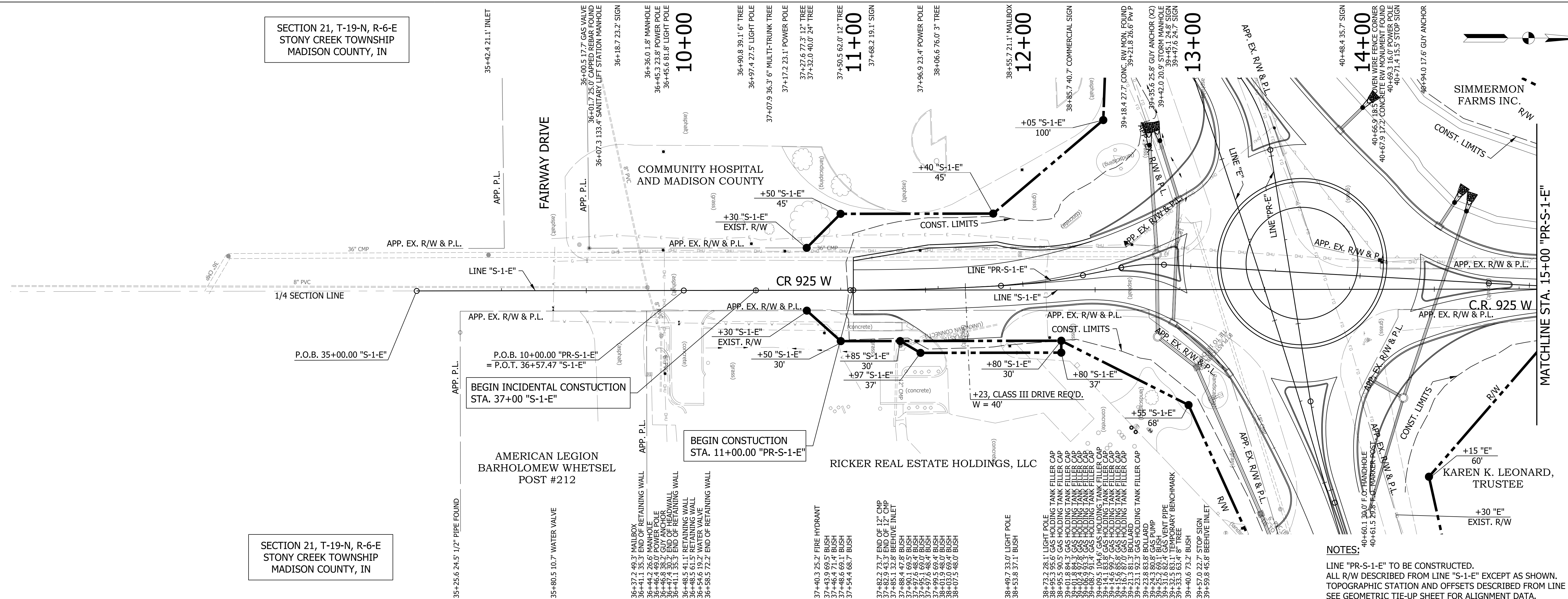
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "PR-E"

HORIZONTAL SCALE 1"=30'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 16 of 65
CONTRACT R-43476	PROJECT 2000161

SECTION 21, T-19-N, R-6-E
STONY CREEK TOWNSHIP
MADISON COUNTY, IN

SECTION 21, T-19-N, R-6-E
STONY CREEK TOWNSHIP
MADISON COUNTY, IN



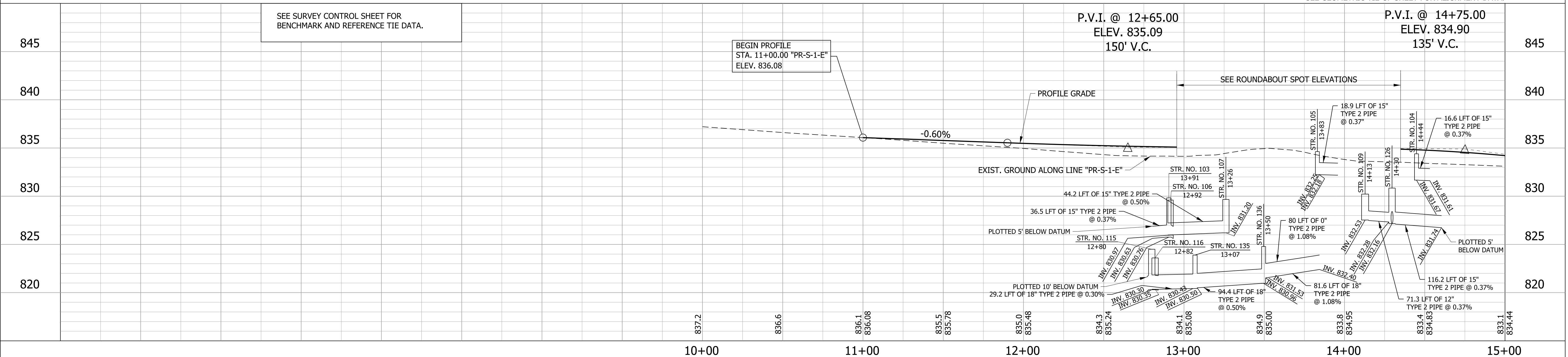
NOTES:
 ALL "PR-S-1-E" TO BE CONSTRUCTED.
 ALL R/W DESCRIBED FROM LINE "S-1-E" EXCEPT AS SHOWN.
 TOPOGRAPHIC STATION AND OFFSETS DESCRIBED FROM LINE "S-1-E".
 SEE GEOMETRIC TIE-UP SHEET FOR ALIGNMENT DATA.

SEE SURVEY CONTROL SHEET FOR BENCHMARK AND REFERENCE TIE DATA.

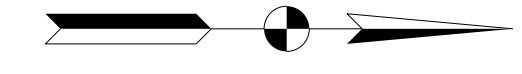
BEGIN PROFILE STA. 11+00.00 "PR-S-1-E" ELEV. 836.08

P.V.I. @ 12+65.00
 ELEV. 835.09
 150' V.C.

P.V.I. @ 14+75.00
 ELEV. 834.90
 135' V.C.

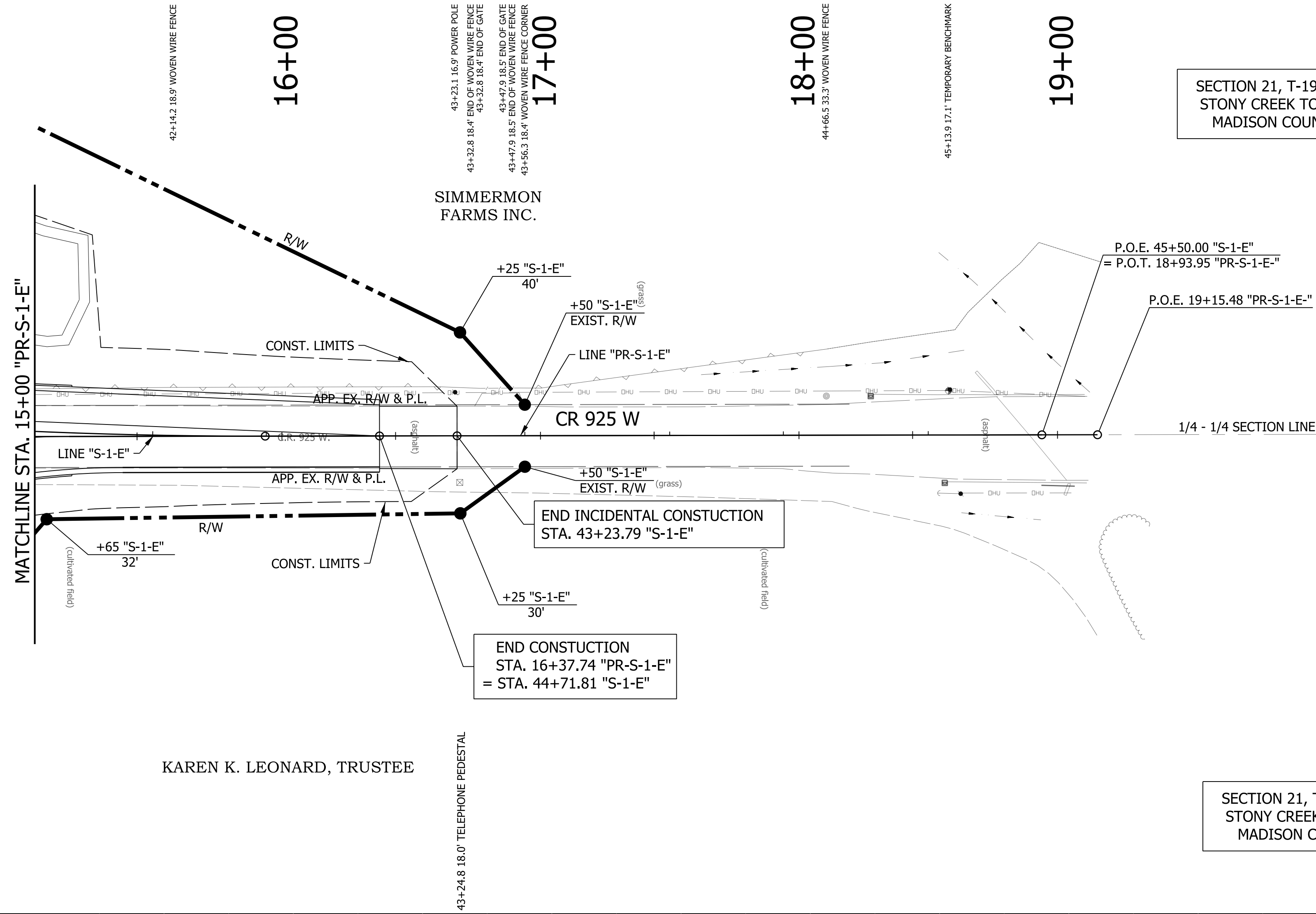


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1"=30'		BRIDGE FILE			
	DESIGNED: MRW		DRAWN: JEC		VERTICAL SCALE 1"=5'		DESIGNATION 2000161			
	CHECKED: WRC		CHECKED: MRW		PLAN & PROFILE LINE "PR-S-1-E"		SURVEY BOOK		SHEETS 17 of 65	
							CONTRACT R-43476		PROJECT 2000161	



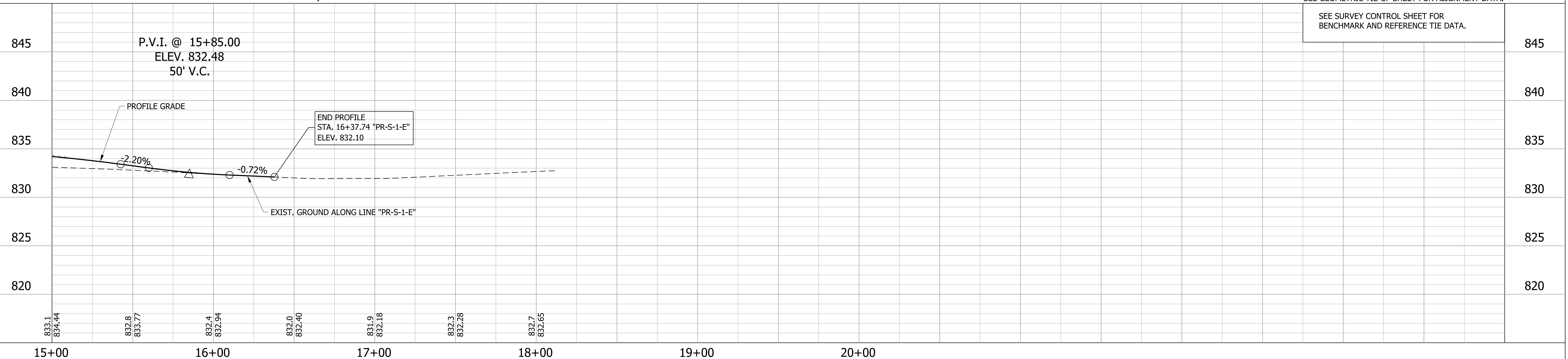
SECTION 21, T-19-N, R-6-E
STONY CREEK TOWNSHIP
MADISON COUNTY, IN

SECTION 21, T-19-N, R-6-E
STONY CREEK TOWNSHIP
MADISON COUNTY, IN



NOTES:
 LINE "PR-S-1-E" TO BE CONSTRUCTED.
 ALL R/W DESCRIBED FROM LINE "S-1-E" EXCEPT AS SHOWN.
 TOPOGRAPHIC STATION AND OFFSETS DESCRIBED FROM LINE "S-1-E".
 SEE GEOMETRIC TIE-UP SHEET FOR ALIGNMENT DATA.

SEE SURVEY CONTROL SHEET FOR
BENCHMARK AND REFERENCE TIE DATA.



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
				1"=30'	
DESIGNED: MRW	DRAWN: JEC		PLAN & PROFILE LINE "PR-S-1-E"	VERTICAL SCALE	DESIGNATION
CHECKED: WRC	CHECKED: MRW			1"=5'	2000161
				SURVEY BOOK	SHEETS
			R-43476	18 of 65	
				CONTRACT	PROJECT
				R-43476	2000161

SECTION 21, T-19-N, R-6-E
STONY CREEK TOWNSHIP
MADISON COUNTY, IN

11+00 12+00 13+00 14+00

BEGIN PROJECT NO. 2000161
STA. 11+00.00 "PR-E"

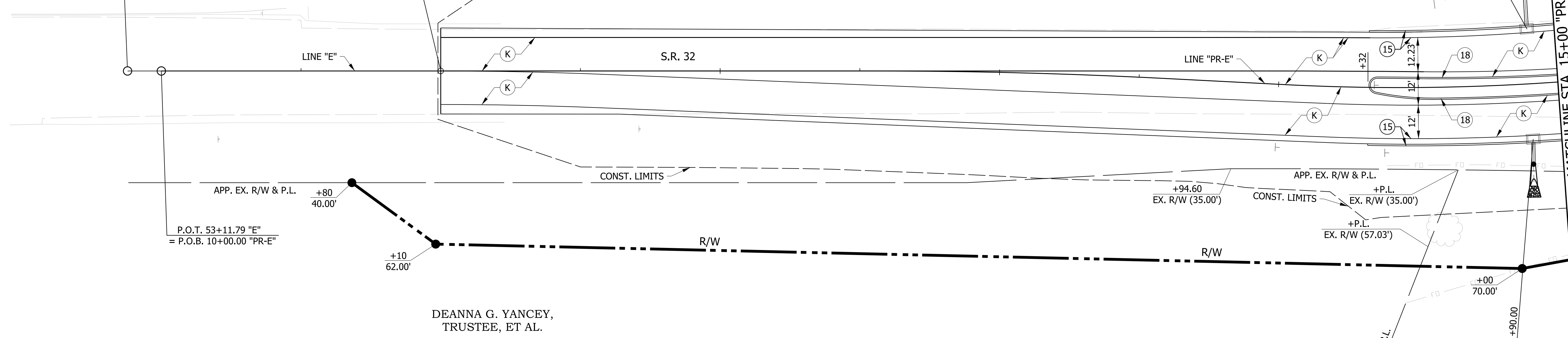
BEGIN INCIDENTAL CONSTRUCTION
STA. 53+00 "E"

SIMMERMON FARMS INC.

STR. NO. 121
MOD. MANHOLE TYPE "C-4" &
54 LFT OF 15' TYPE 2 PIPE REQ'D.

STR. NO. 102
CATCH BASIN TYPE "B-15" &
19 LFT OF 12' TYPE 2 PIPE REQ'D.

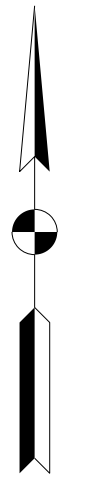
STR. NO. 100
CATCH BASIN "B-15" &
9 LFT OF 12' TYPE 2 PIPE REQ'D.



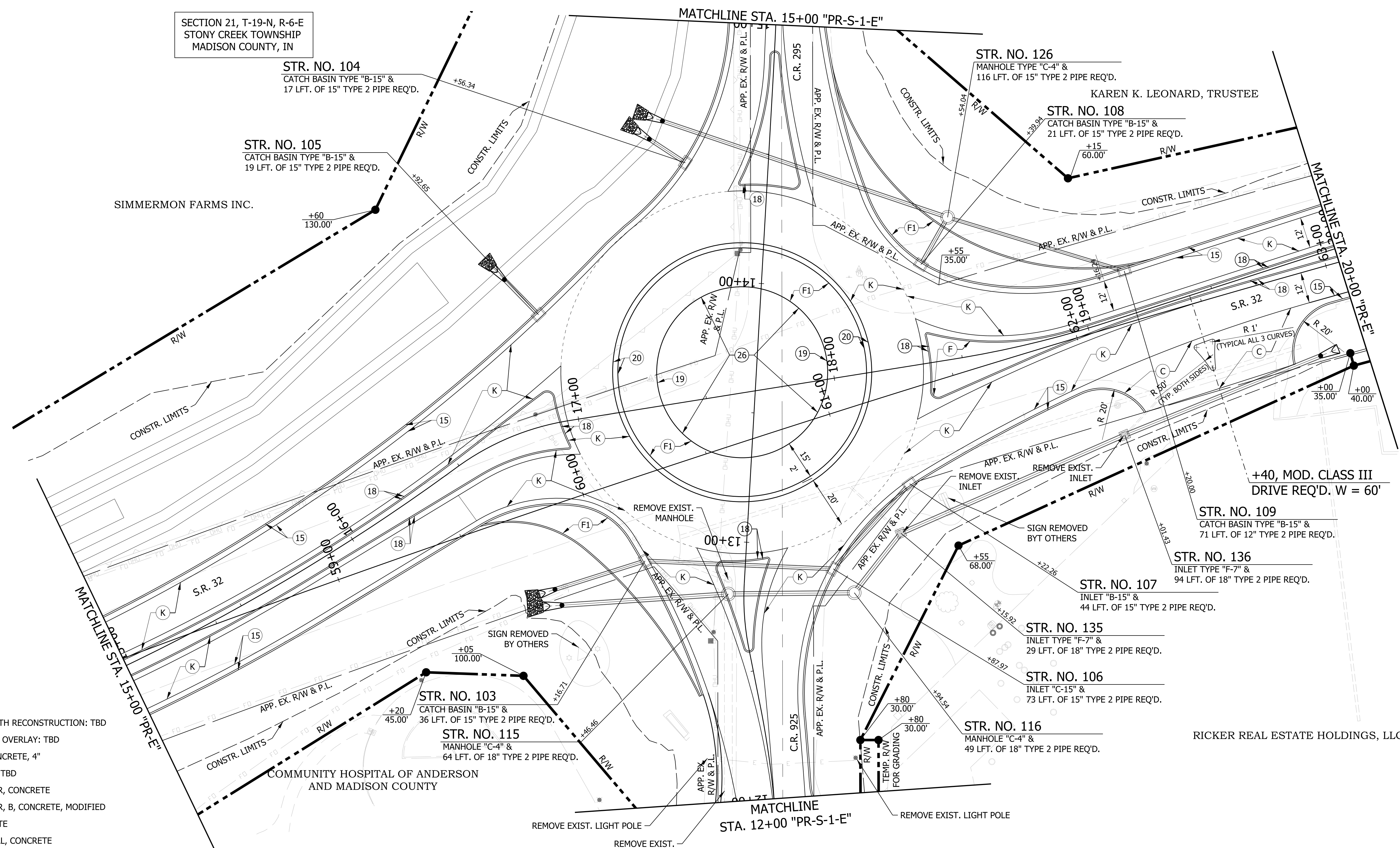
- LEGEND**
- (K) HMA, FULL DEPTH RECONSTRUCTION: TBD
 - (R) HMA, MILL AND OVERLAY: TBD
 - (F) SIDEWALK, CONCRETE, 4"
 - (F1) TRUCK APRON: TBD
 - (15) CURB & GUTTER, CONCRETE
 - (17) CURB & GUTTER, B, CONCRETE, MODIFIED
 - (18) CURB, CONCRETE
 - (19) CURB, INTEGRAL, CONCRETE
 - (20) CURB & GUTTER, ROLL CURB, MODIFIED
 - (26) SODDING, NURSERY
 - (27) MULCHED SEEDING R

NOTES:
 LINE "PR-E" TO BE CONSTRUCTED.
 ALL R/W DESCRIBED FROM LINE "E" EXCEPT AS SHOWN.
 SEE GEOMETRIC TIE-UP SHEET FOR ALIGNMENT DATA.

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: MRW		DRAWN: JEC				1"=20'	
CHECKED: WRC		CHECKED: MRW			CONSTRUCTION DETAILS	VERTICAL SCALE	DESIGNATION
					LINE "PR-E"	N/A	2000161
						SURVEY BOOK	SHEETS
							19 of 65
						CONTRACT	PROJECT
						R-43476	2000161



SECTION 21, T-19-N, R-6-E
STONY CREEK TOWNSHIP
MADISON COUNTY, IN



- LEGEND**
- (K) HMA, FULL DEPTH RECONSTRUCTION: TBD
 - (R) HMA, MILL AND OVERLAY: TBD
 - (F) SIDEWALK, CONCRETE, 4"
 - (F1) TRUCK APRON: TBD
 - (15) CURB & GUTTER, CONCRETE
 - (17) CURB & GUTTER, B, CONCRETE, MODIFIED
 - (18) CURB, CONCRETE
 - (19) CURB, INTEGRAL, CONCRETE
 - (20) CURB & GUTTER, ROLL CURB, MODIFIED
 - (26) SODDING, NURSERY
 - (27) MULCHED SEEDING R

NOTES:
 LINE "PR-E" TO BE CONSTRUCTED.
 ALL R/W DESCRIBED FROM LINE "PR-E" EXCEPT AS SHOWN.
 SEE GEOMETRIC TIE-UP SHEET FOR ALIGNMENT DATA.

c:\users\public\public\p13\dms94166\2000161_rd_sht_cd_pr-e_02.dgn

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRW	DRAWN: JEC	
CHECKED: WRC	CHECKED: JRW	

INDIANA
DEPARTMENT OF TRANSPORTATION

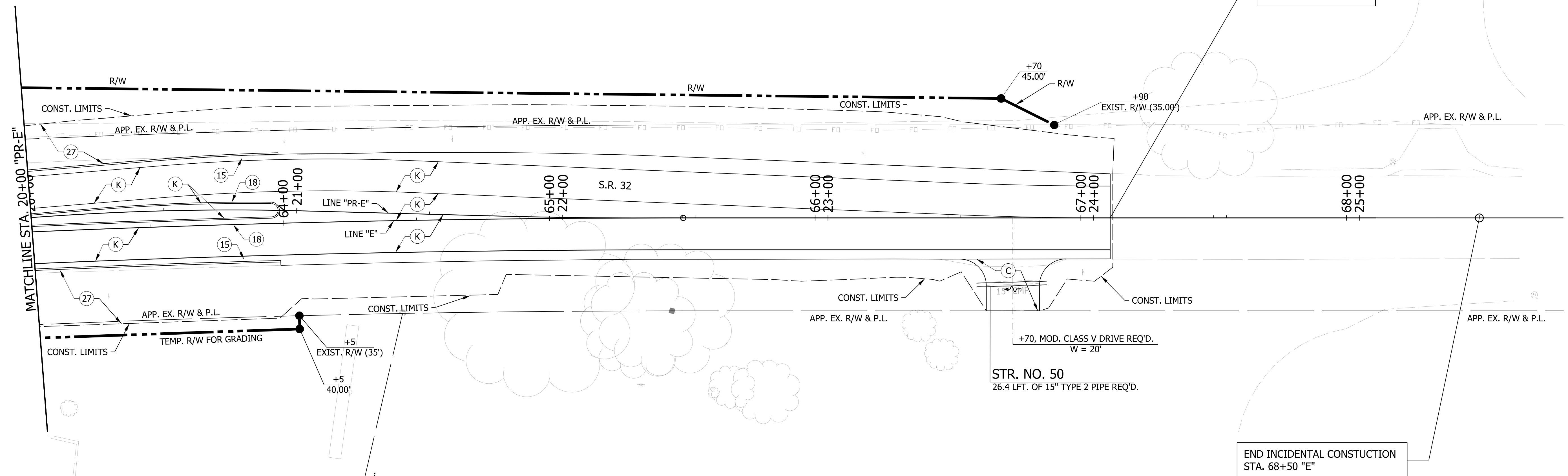
CONSTRUCTION DETAIL
LINE "PR-E"

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	2000161
SURVEY BOOK	SHEETS
	20 of 65
CONTRACT	PROJECT
R-43476	2000161

SECTION 21, T-19-N, R-6-E
STONY CREEK TOWNSHIP
MADISON COUNTY, IN

KAREN K. LEONARD, TRUSTEE
INSTR. NO. 2019R000151

END CONSTRUCTION
STA. 24+06.21 "PR-E"



END INCIDENTAL CONSTRUCTION
STA. 68+50 "E"

RICKER REAL ESTATE HOLDINGS, LLC
INSTR. NO. 2018R016060

MARCUS LOWELL CONRAD TRUST
AGREEMENT
INSTR. NO. 2016R003308

LEGEND

- (K) HMA, FULL DEPTH RECONSTRUCTION: TBD
- (R) HMA, MILL AND OVERLAY: TBD
- (F) SIDEWALK, CONCRETE, 4"
- (F1) TRUCK APRON: TBD
- (15) CURB & GUTTER, CONCRETE
- (17) CURB & GUTTER, B, CONCRETE, MODIFIED
- (18) CURB, CONCRETE
- (19) CURB, INTEGRAL, CONCRETE
- (20) CURB & GUTTER, ROLL CURB, MODIFIED
- (26) SODDING, NURSERY
- (27) MULCHED SEEDING R

NOTES:

LINE "PR-E" TO BE CONSTRUCTED.
ALL R/W DESCRIBED FROM LINE "E" EXCEPT AS SHOWN.
SEE GEOMETRIC TIE-UP SHEET FOR ALIGNMENT DATA.

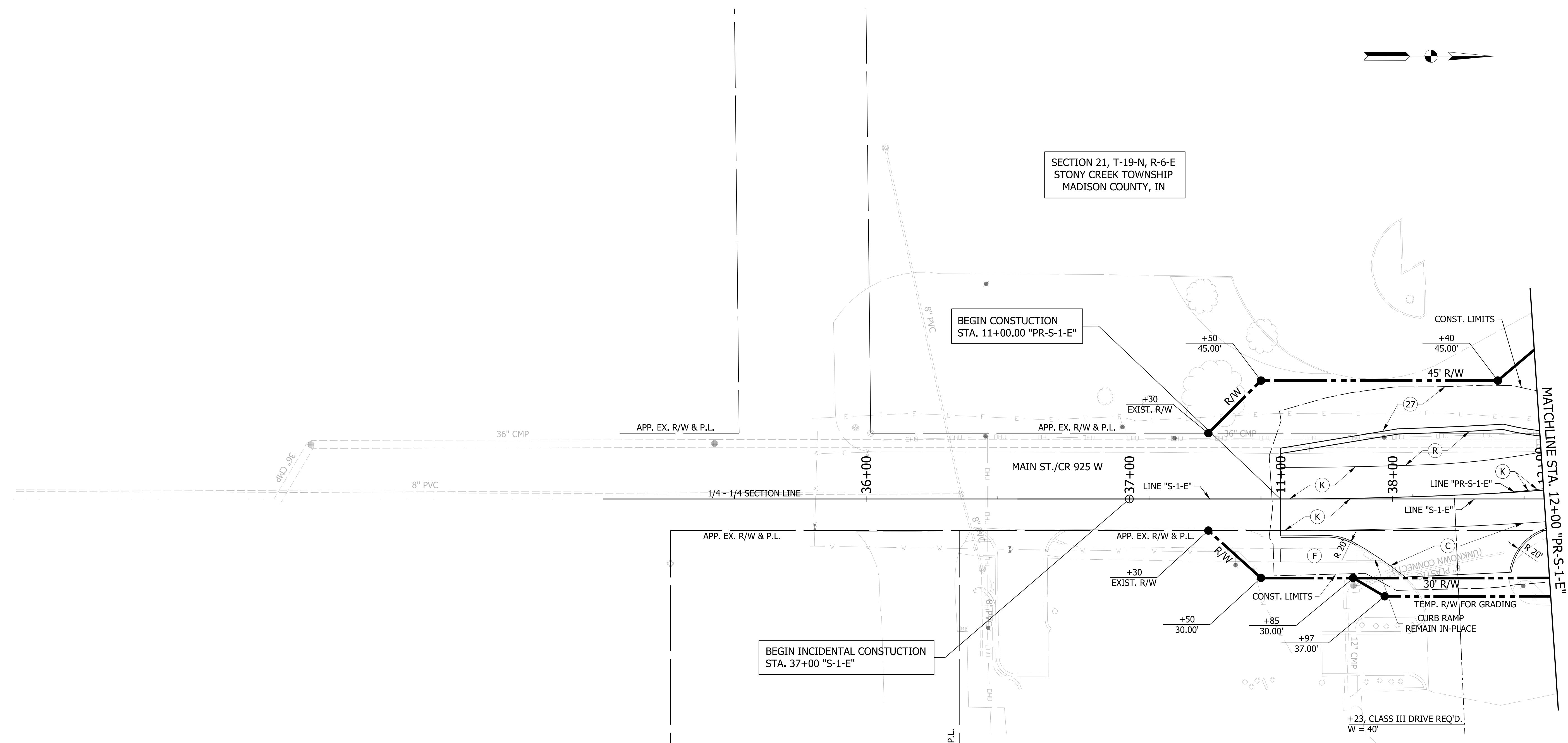
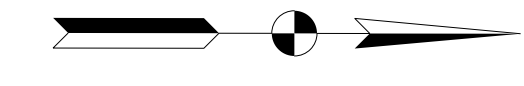
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRW	DRAWN: JEC	
CHECKED: WRC	CHECKED: JRW	

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAIL
LINE "PR-E"

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	2000161
SURVEY BOOK	SHEETS
	21 of 65
CONTRACT	PROJECT
R-43476	2000161

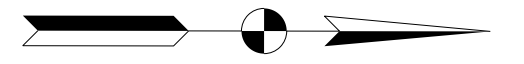
SECTION 21, T-19-N, R-6-E
STONY CREEK TOWNSHIP
MADISON COUNTY, IN



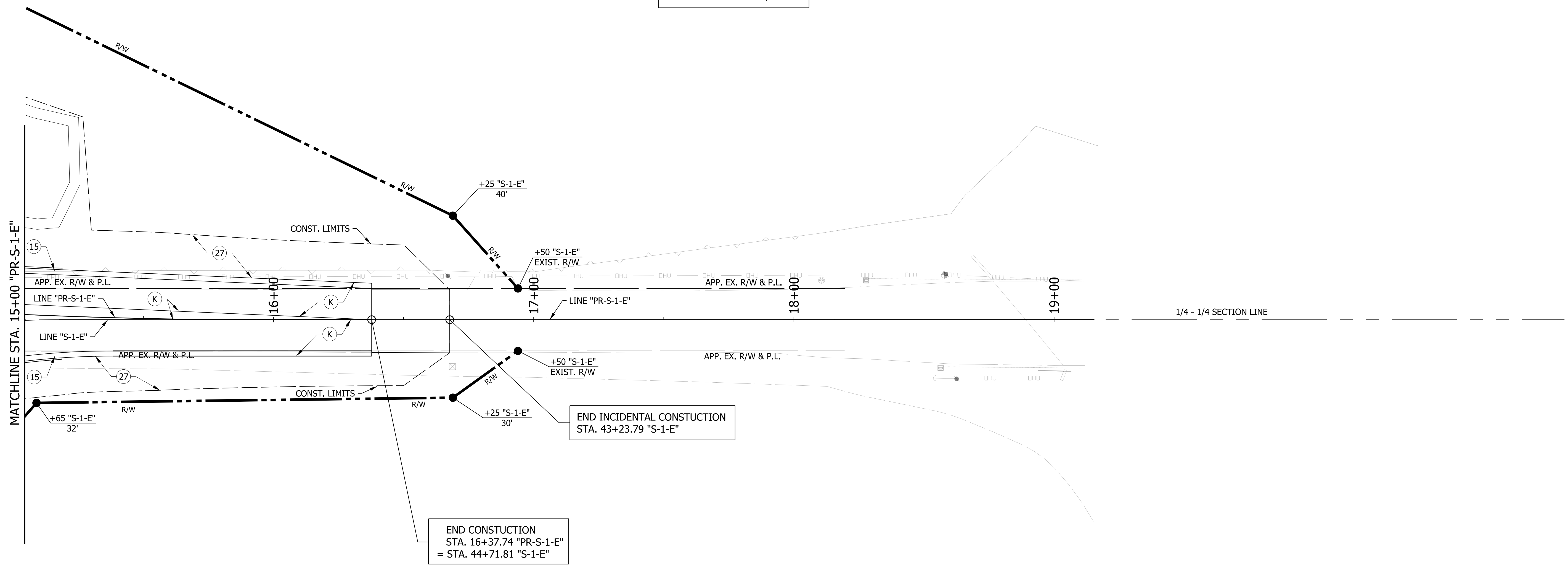
- LEGEND**
- (K) HMA, FULL DEPTH RECONSTRUCTION: TBD
 - (R) HMA, MILL AND OVERLAY: TBD
 - (F) SIDEWALK, CONCRETE, 4"
 - (F1) TRUCK APRON: TBD
 - (15) CURB & GUTTER, CONCRETE
 - (17) CURB & GUTTER, B, CONCRETE, MODIFIED
 - (18) CURB, CONCRETE
 - (19) CURB, INTEGRAL, CONCRETE
 - (20) CURB & GUTTER, ROLL CURB, MODIFIED
 - (26) SODDING, NURSERY
 - (27) MULCHED SEEDING R

NOTES:
LINE "PR-S-1-E" TO BE CONSTRUCTED.
ALL R/W DESCRIBED FROM LINE "S-1-E" EXCEPT AS SHOWN.
SEE GEOMETRIC TIE-UP SHEET FOR ALIGNMENT DATA.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: MRW	DRAWN: JEC		1"=20'	
CHECKED: WRC	CHECKED: JRW		CONSTRUCTION DETAIL LINE "PR-S-1-E"	VERTICAL SCALE	DESIGNATION
				N/A	2000161
				SURVEY BOOK	SHEETS
			CONTRACT	22 of 65	
			R-43476	PROJECT	2000161



SECTION 21, T-19-N, R-6-E
STONY CREEK TOWNSHIP
MADISON COUNTY, IN



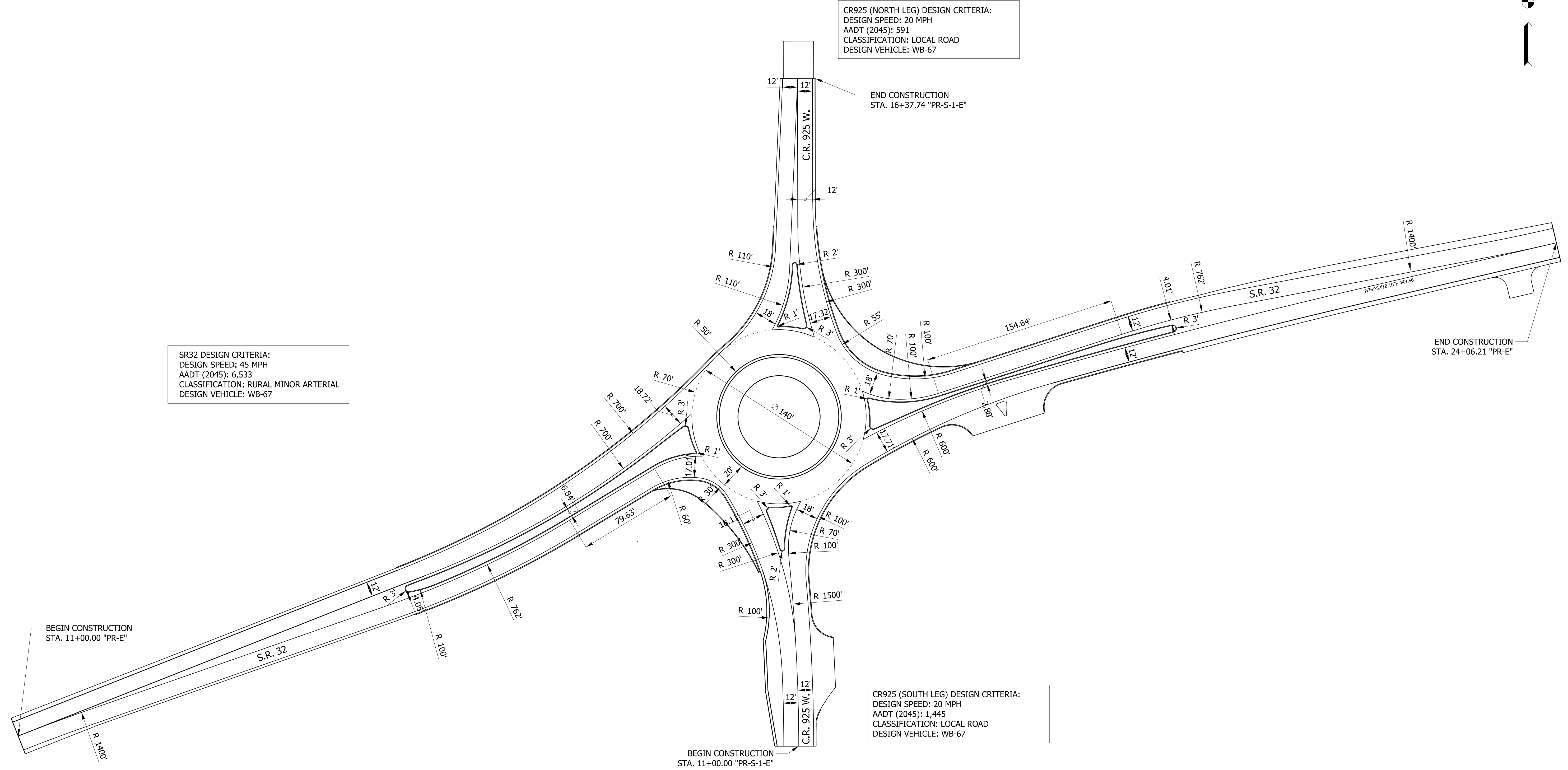
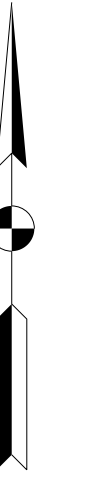
KAREN K. LEONARD, TRUSTEE

LEGEND

- (K) HMA, FULL DEPTH RECONSTRUCTION: TBD
- (R) HMA, MILL AND OVERLAY: TBD
- (F) SIDEWALK, CONCRETE, 4"
- (F1) TRUCK APRON: TBD
- (15) CURB & GUTTER, CONCRETE
- (17) CURB & GUTTER, B, CONCRETE, MODIFIED
- (18) CURB, CONCRETE
- (19) CURB, INTEGRAL, CONCRETE
- (20) CURB & GUTTER, ROLL CURB, MODIFIED
- (26) SODDING, NURSERY
- (27) MULCHED SEEDING R

NOTES:
 LINE "PR-S-1-E" TO BE CONSTRUCTED.
 ALL R/W DESCRIBED FROM LINE "S-1-E" EXCEPT AS SHOWN.
 SEE GEOMETRIC TIE-UP SHEET FOR ALIGNMENT DATA.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: MRW	DRAWN: JEC		1"=20'	
CHECKED: WRC	CHECKED: JRW		CONSTRUCTION DETAIL LINE "PR-S-1-E"	VERTICAL SCALE	DESIGNATION
				N/A	2000161
				SURVEY BOOK	SHEETS
			CONTRACT	23 of 65	
			R-43476	PROJECT	
				2000161	



CR925 (NORTH LEG) DESIGN CRITERIA:
 DESIGN SPEED: 20 MPH
 AADT (2045): 591
 CLASSIFICATION: LOCAL ROAD
 DESIGN VEHICLE: WB-67

SR32 DESIGN CRITERIA:
 DESIGN SPEED: 45 MPH
 AADT (2045): 6,533
 CLASSIFICATION: RURAL MINOR ARTERIAL
 DESIGN VEHICLE: WB-67

CR925 (SOUTH LEG) DESIGN CRITERIA:
 DESIGN SPEED: 20 MPH
 AADT (2045): 1,445
 CLASSIFICATION: LOCAL ROAD
 DESIGN VEHICLE: WB-67

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: JEC	

INDIANA
 DEPARTMENT OF TRANSPORTATION

**GEOMETRY
 DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1" = 40'	
VERTICAL SCALE	DESIGNATION
N/A	2000161
SURVEY BOOK	SHEETS
	24 of 65
CONTRACT	PROJECT
R-43476	2000161

BEGIN PROJECT NO. 2000161
STA. 11+00.00 "PR-E"

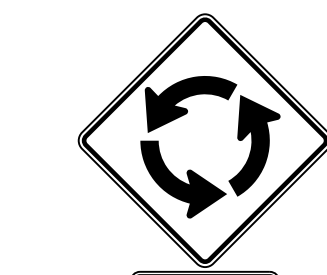
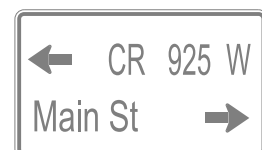
1 10+45 "PR-E"
W1-2(L) (30"x30")



1 10+23 "PR-E"
W14-3 (48"x48"x36")



3 11+72 "PR-E"
W2-1 (30"x30")
W3-1 (30"x24")

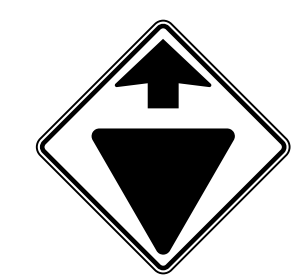


AHEAD

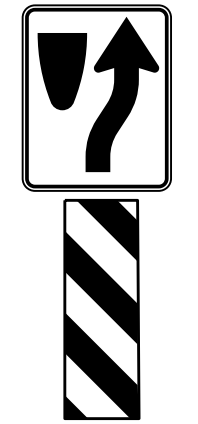
15
MPH

6 14+00 "PR-E"
R2-6 (30"x30")
R16-9P (24"x12")
R13-1 (18"x18")

6 14+38 "PR-E"
W3-2 (30"x30")



6 14+34 "PR-E"
R4-7 (24"x30")
OM3-L (12"x36")



MATCHLINE STA. 15+00 "PR-E"

SIGNING LEGEND

- 1 NO CHANGE REQUIRED TO EXIST. SIGN AND SUPPORTS
- 2 REMOVE EXIST. SHEET SIGN
- 3 REMOVE EXIST. SHEET SIGN AND SUPPORTS
- 4 NEW SHEET SIGN ON EXIST. SUPPORTS
- 5 NEW SHEET SIGN ON EXIST. POLE
- 6 NEW SHEET SIGN AND SUPPORTS

LEGEND

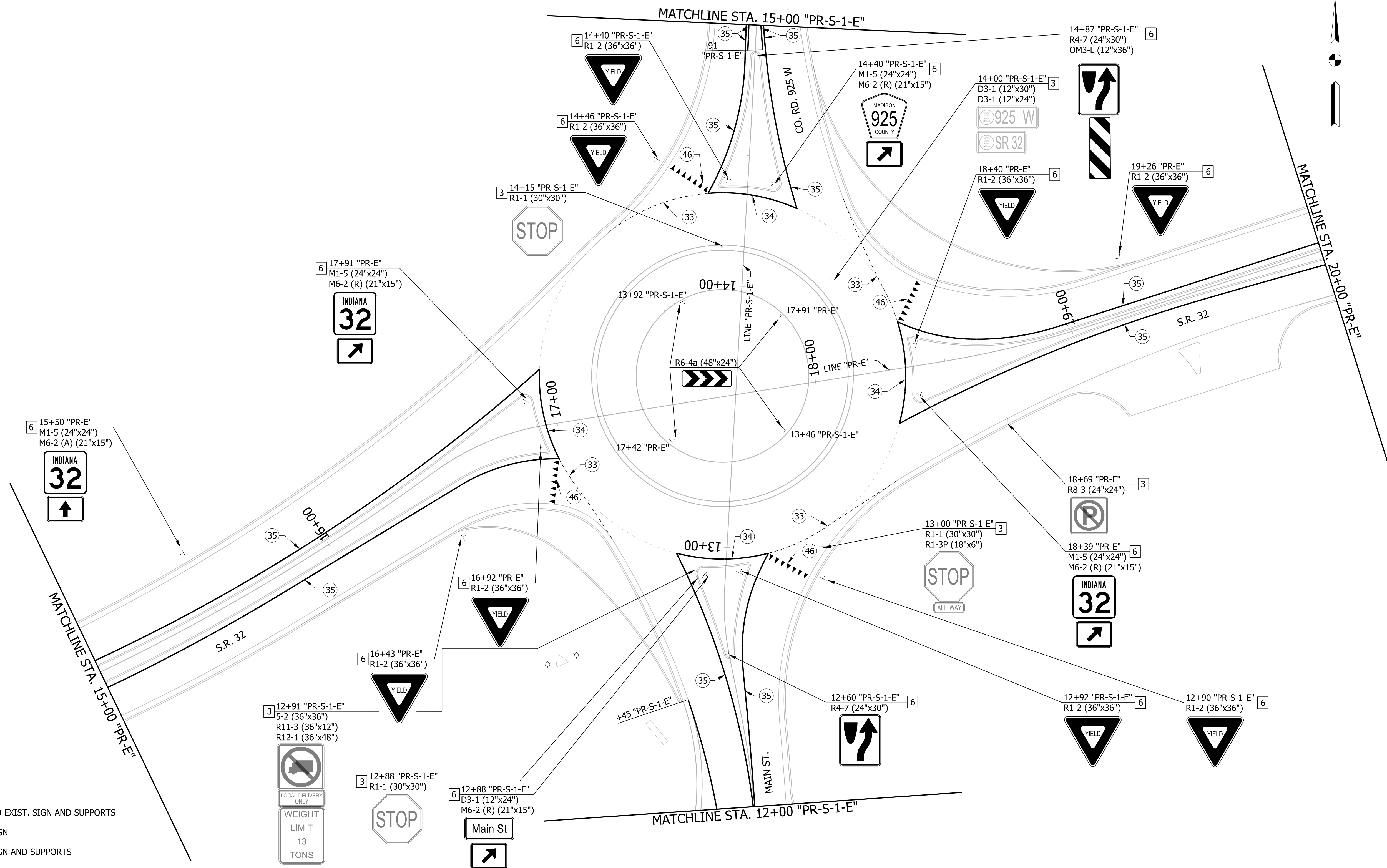
- (33) LINE, THERMOPLASTIC, DOTTED, WHITE, 8 IN.
- (34) LINE, THERMOPLASTIC, SOLID, WHITE, 6 IN.
- (35) LINE, THERMOPLASTIC, SOLID, YELLOW, 6 IN.
- (36) LINE, THERMOPLASTIC, BROKEN, YELLOW, 6 IN.
- (37) LINE, THERMOPLASTIC, DOUBLE, YELLOW, 6 IN.
- (39) TRANSVERSE MARKING, THERMOPLASTIC, CROSSWALK LINE, WHITE, 24 IN.
- (46) TRANSVERSE MARKING, THERMOPLASTIC, YIELD LINE, WHITE, 27 IN.
- (47) TRANSVERSE MARKING, THERMOPLASTIC, CROSSHATCH LINE, YELLOW, 24 IN. AT 40' SPACING.

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: MRW	DRAWN: JWM		
CHECKED: WRC	CHECKED: MRW		

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKINGS AND SIGNING
LINE "PR-E"**

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	2000161
SURVEY BOOK	SHEETS
	26 of 65
CONTRACT	PROJECT
R-43476	2000161



SIGNING LEGEND

- 1 NO CHANGE REQUIRED TO EXIST. SIGN AND SUPPORTS
- 2 REMOVE EXIST. SHEET SIGN
- 3 REMOVE EXIST. SHEET SIGN AND SUPPORTS
- 4 NEW SHEET SIGN ON EXIST. SUPPORTS
- 5 NEW SHEET SIGN ON EXIST. POLE
- 6 NEW SHEET SIGN AND SUPPORTS

LEGEND

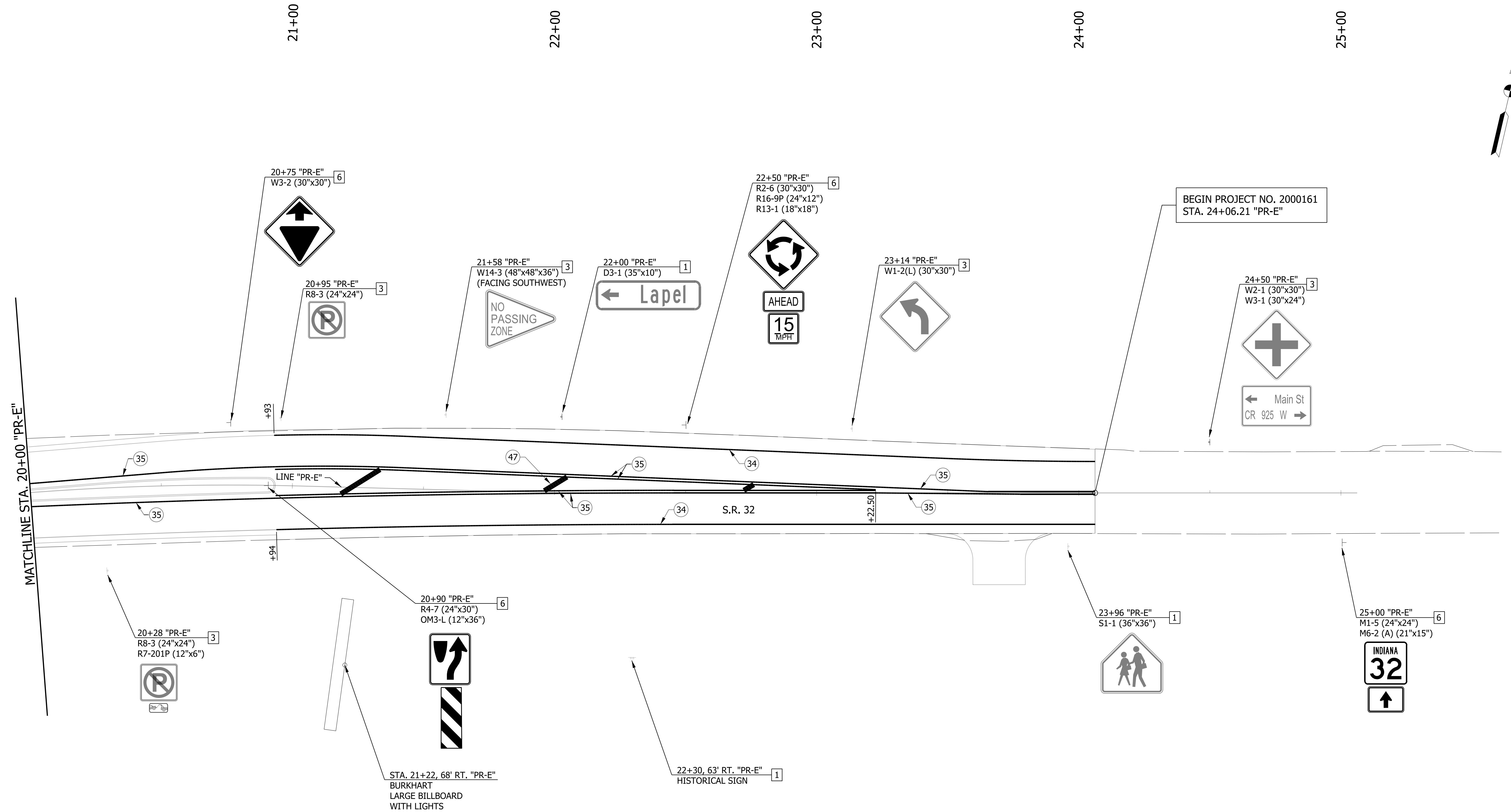
- 33 LINE, THERMOPLASTIC, DOTTED, WHITE, 8 IN.
- 34 LINE, THERMOPLASTIC, SOLID, WHITE, 6 IN.
- 35 LINE, THERMOPLASTIC, SOLID, YELLOW, 6 IN.
- 36 LINE, THERMOPLASTIC, BROKEN, YELLOW, 6 IN.
- 37 LINE, THERMOPLASTIC, DOUBLE, YELLOW, 6 IN.
- 39 TRANSVERSE MARKING, THERMOPLASTIC, CROSSWALK LINE, WHITE, 24 IN.
- 46 TRANSVERSE MARKING, THERMOPLASTIC, YIELD LINE, WHITE, 27 IN.
- 47 TRANSVERSE MARKING, THERMOPLASTIC, CROSSHATCH LINE, YELLOW, 24 IN. AT 40' SPACING

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRW	DRAWN: JWM	
CHECKED: WRC	CHECKED: MRW	

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING LINE "PR-E"

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	2000161
SURVEY BOOK	SHEETS
	27 of 65
CONTRACT	PROJECT
R-43476	2000161



SIGNING LEGEND

- 1 NO CHANGE REQUIRED TO EXIST. SIGN AND SUPPORTS
- 2 REMOVE EXIST. SHEET SIGN
- 3 REMOVE EXIST. SHEET SIGN AND SUPPORTS
- 4 NEW SHEET SIGN ON EXIST. SUPPORTS
- 5 NEW SHEET SIGN ON EXIST. POLE
- 6 NEW SHEET SIGN AND SUPPORTS

LEGEND

- 33 LINE, THERMOPLASTIC, DOTTED, WHITE, 8 IN.
- 34 LINE, THERMOPLASTIC, SOLID, WHITE, 6 IN.
- 35 LINE, THERMOPLASTIC, SOLID, YELLOW, 6 IN.
- 36 LINE, THERMOPLASTIC, BROKEN, YELLOW, 6 IN.
- 37 LINE, THERMOPLASTIC, DOUBLE, YELLOW, 6 IN.
- 39 TRANSVERSE MARKING, THERMOPLASTIC, CROSSWALK LINE, WHITE, 24 IN.
- 46 TRANSVERSE MARKING, THERMOPLASTIC, YIELD LINE, WHITE, 27 IN.
- 47 TRANSVERSE MARKING, THERMOPLASTIC, CROSSHATCH LINE, YELLOW, 24 IN. AT 40' SPACING

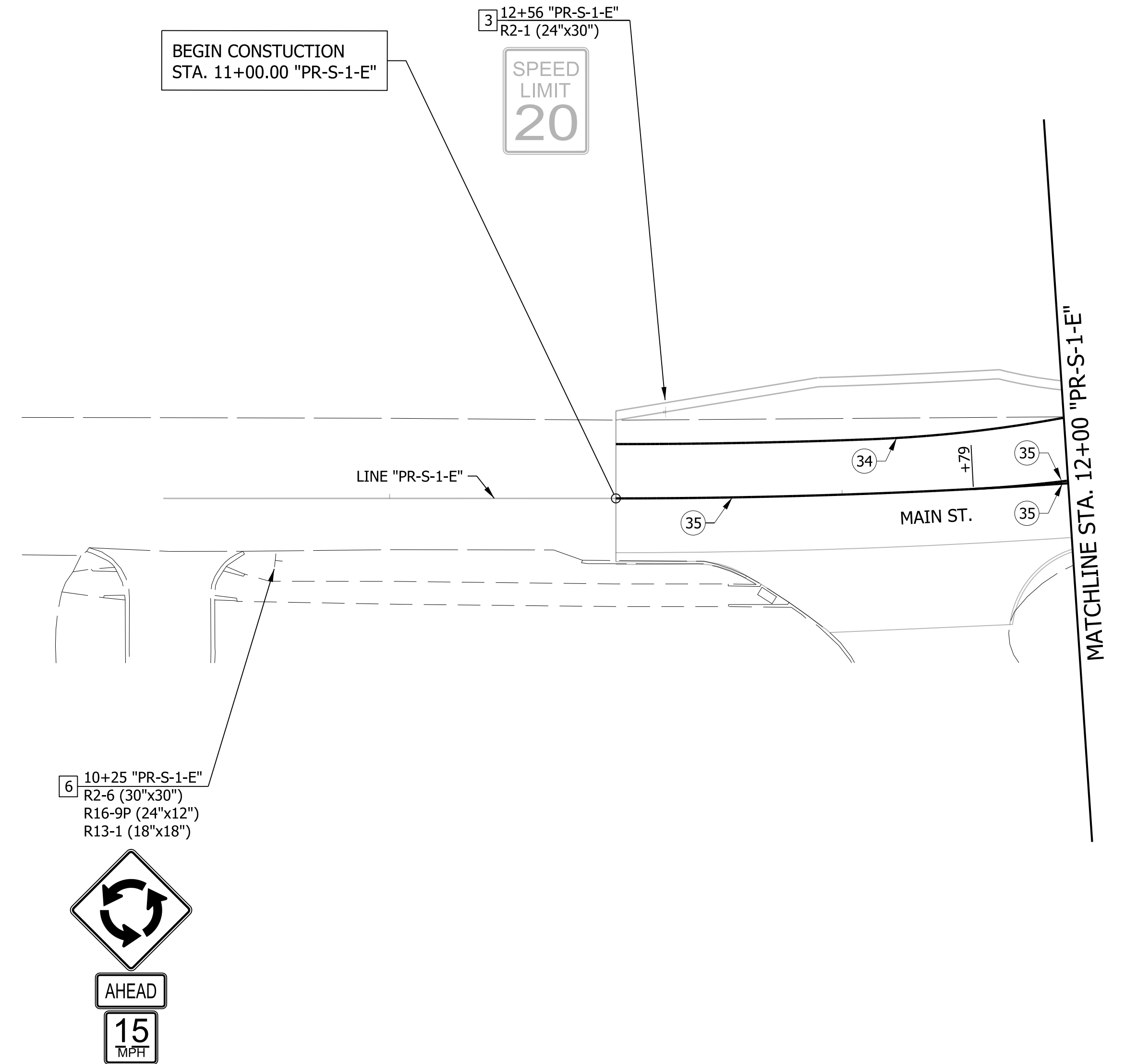
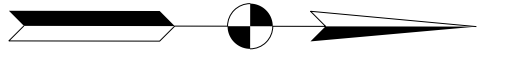
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: MRW	DRAWN: JWM		
CHECKED: WRC	CHECKED: MRW		

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKINGS AND SIGNING
LINE "PR-E"**

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	2000161
SURVEY BOOK	SHEETS
	28 of 65
CONTRACT	PROJECT
R-43476	2000161

11+00



SIGNING LEGEND

- 1 NO CHANGE REQUIRED TO EXIST. SIGN AND SUPPORTS
- 2 REMOVE EXIST. SHEET SIGN
- 3 REMOVE EXIST. SHEET SIGN AND SUPPORTS
- 4 NEW SHEET SIGN ON EXIST. SUPPORTS
- 5 NEW SHEET SIGN ON EXIST. POLE
- 6 NEW SHEET SIGN AND SUPPORTS

LEGEND

- 33 LINE, THERMOPLASTIC, DOTTED, WHITE, 8 IN.
- 34 LINE, THERMOPLASTIC, SOLID, WHITE, 6 IN.
- 35 LINE, THERMOPLASTIC, SOLID, YELLOW, 6 IN.
- 36 LINE, THERMOPLASTIC, BROKEN, YELLOW, 6 IN.
- 37 LINE, THERMOPLASTIC, DOUBLE, YELLOW, 6 IN.
- 39 TRANSVERSE MARKING, THERMOPLASTIC, CROSSWALK LINE, WHITE, 24 IN.
- 46 TRANSVERSE MARKING, THERMOPLASTIC, YIELD LINE, WHITE, 27 IN.
- 47 TRANSVERSE MARKING, THERMOPLASTIC, CROSSHATCH LINE, YELLOW, 24 IN. AT 40' SPACING

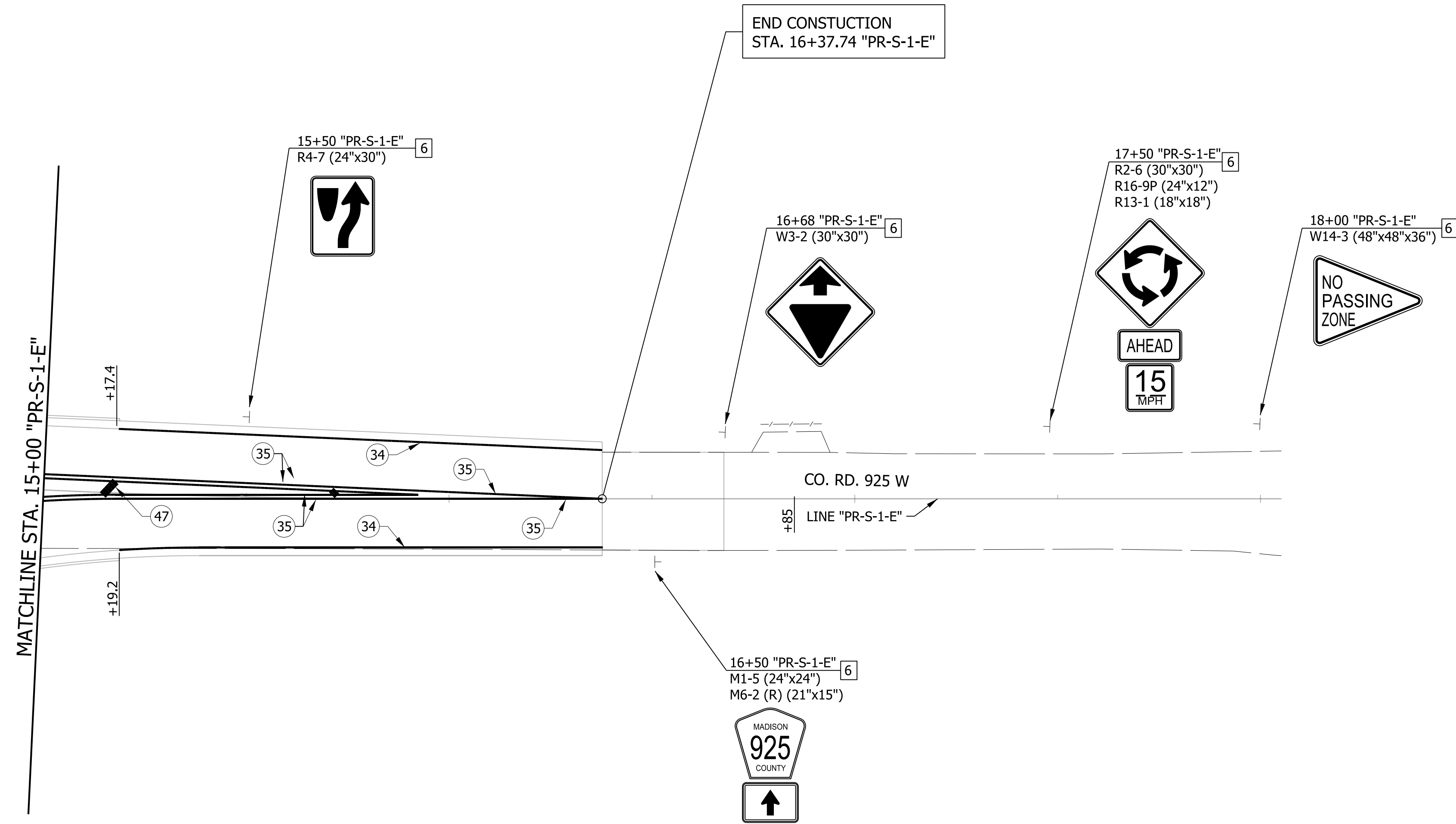
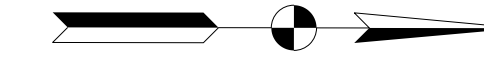
RECOMMENDED FOR APPROVAL		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE	
DESIGN ENGINEER				1"=20'		DESIGNATION	
DATE		PAVEMENT MARKINGS AND SIGNING		N/A		2000161	
DESIGNED: MRW	DRAWN: JWM	LINE "PR-S-1-E"		SURVEY BOOK		SHEETS	
CHECKED: WRC	CHECKED: MRW			29 of 65		PROJECT	
				CONTRACT		2000161	
				R-43476			

16+00

17+00

18+00

19+00



SIGNING LEGEND

- 1 NO CHANGE REQUIRED TO EXIST. SIGN AND SUPPORTS
- 2 REMOVE EXIST. SHEET SIGN
- 3 REMOVE EXIST. SHEET SIGN AND SUPPORTS
- 4 NEW SHEET SIGN ON EXIST. SUPPORTS
- 5 NEW SHEET SIGN ON EXIST. POLE
- 6 NEW SHEET SIGN AND SUPPORTS

LEGEND

- 33 LINE, THERMOPLASTIC, DOTTED, WHITE, 8 IN.
- 34 LINE, THERMOPLASTIC, SOLID, WHITE, 6 IN.
- 35 LINE, THERMOPLASTIC, SOLID, YELLOW, 6 IN.
- 36 LINE, THERMOPLASTIC, BROKEN, YELLOW, 6 IN.
- 37 LINE, THERMOPLASTIC, DOUBLE, YELLOW, 6 IN.
- 39 TRANSVERSE MARKING, THERMOPLASTIC, CROSSWALK LINE, WHITE, 24 IN.
- 46 TRANSVERSE MARKING, THERMOPLASTIC, YIELD LINE, WHITE, 27 IN.
- 47 TRANSVERSE MARKING, THERMOPLASTIC, CROSSHATCH LINE, YELLOW, 24 IN. AT 40' SPACING

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRW	DRAWN: JWM	
CHECKED: WRC	CHECKED: MRW	

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING
LINE "PR-S-1-E"

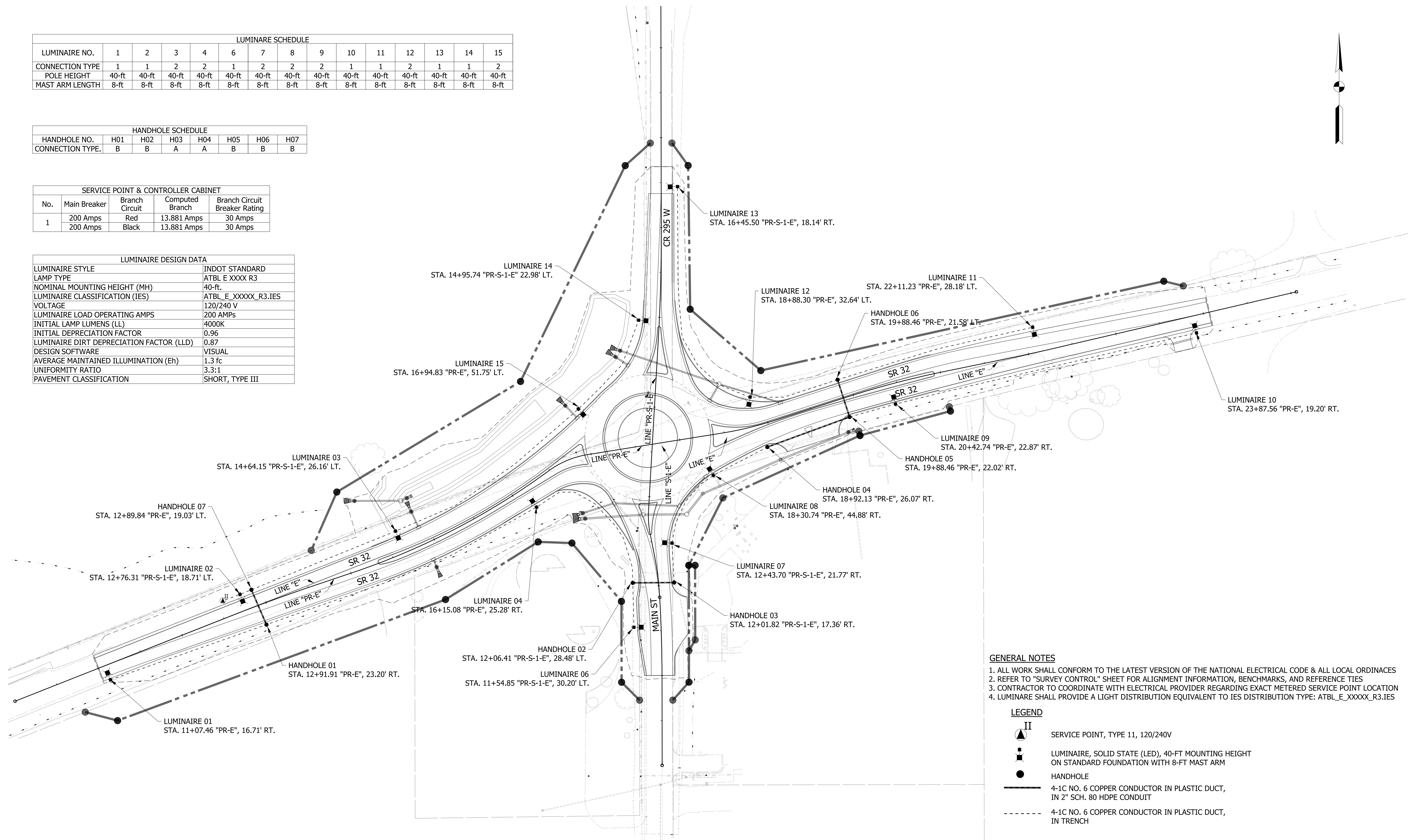
HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	2000161
SURVEY BOOK	SHEETS
	30 of 65
CONTRACT	PROJECT
R-43476	2000161

LUMINAIRE SCHEDULE														
LUMINAIRE NO.	1	2	3	4	6	7	8	9	10	11	12	13	14	15
CONNECTION TYPE	1	1	2	2	1	2	2	2	1	1	2	1	1	2
POLE HEIGHT	40-ft	40-ft	40-ft	40-ft	40-ft	40-ft	40-ft	40-ft	40-ft	40-ft	40-ft	40-ft	40-ft	40-ft
MAST ARM LENGTH	8-ft	8-ft	8-ft	8-ft	8-ft	8-ft	8-ft	8-ft	8-ft	8-ft	8-ft	8-ft	8-ft	8-ft

HANDHOLE SCHEDULE							
HANDHOLE NO.	H01	H02	H03	H04	H05	H06	H07
CONNECTION TYPE	B	B	A	A	B	B	B

SERVICE POINT & CONTROLLER CABINET				
No.	Main Breaker	Branch Circuit	Computed Branch	Branch Circuit Breaker Rating
1	200 Amps	Red	13.881 Amps	30 Amps
	200 Amps	Black	13.881 Amps	30 Amps

LUMINAIRE DESIGN DATA	
LUMINAIRE STYLE	INDOT STANDARD
LAMP TYPE	ATBL E XXXX R3
NOMINAL MOUNTING HEIGHT (MH)	40-ft.
LUMINAIRE CLASSIFICATION (IES)	ATBL_E_XXXX_R3.IES
VOLTAGE	120/240 V
LUMINAIRE LOAD OPERATING AMPS	200 AMPs
INITIAL LAMP LUMENS (LL)	4000K
INITIAL DEPRECIATION FACTOR	0.96
LUMINAIRE DIRT DEPRECIATION FACTOR (LLD)	0.87
DESIGN SOFTWARE	VISUAL
AVERAGE MAINTAINED ILLUMINATION (Eh)	1.3 fc
UNIFORMITY RATIO	3.3:1
PAVEMENT CLASSIFICATION	SHORT, TYPE III



GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE LATEST VERSION OF THE NATIONAL ELECTRICAL CODE & ALL LOCAL ORDINANCES
2. REFER TO "SURVEY CONTROL" SHEET FOR ALIGNMENT INFORMATION, BENCHMARKS, AND REFERENCE TIES
3. CONTRACTOR TO COORDINATE WITH ELECTRICAL PROVIDER REGARDING EXACT METERED SERVICE POINT LOCATION
4. LUMINAIRE SHALL PROVIDE A LIGHT DISTRIBUTION EQUIVALENT TO IES DISTRIBUTION TYPE: ATBL_E_XXXX_R3.IES

LEGEND

- II SERVICE POINT, TYPE 11, 120/240V
- LUMINAIRE, SOLID STATE (LED), 40-FT MOUNTING HEIGHT ON STANDARD FOUNDATION WITH 8-FT MAST ARM
- HANDHOLE
- 4-1C NO. 6 COPPER CONDUCTOR IN PLASTIC DUCT, IN 2" SCH. 80 HDPE CONDUIT
- 4-1C NO. 6 COPPER CONDUCTOR IN PLASTIC DUCT, IN TRENCH

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: MRW		DRAWN: JWM		1"=50'	
CHECKED: WRC	CHECKED: MRW			LIGHTING DETAILS	VERTICAL SCALE	DESIGNATION
					N/A	2000161
					SURVEY BOOK	SHEETS
						31 of 65
					CONTRACT	PROJECT
					R-43476	2000161

SHEET SIGN & POST SUMMARY

SIGN														POST									
LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (IN. x IN.)			GROUND - MOUNTED SIGN AREA (ft)			MOUNTED ON PANEL SIGN, AREA (ft)	SQUARE													
						0.080"	0.100"	0.125"	0.080"	2 1/2" X 2 1/2" - 12 GA. (TYPE 3)			2" X 2" - 12 GA. (TYPE 2)			2 1/4" X 2 1/4" - 12 GA. (TYPE 1)							
										UNREINFORCED ANCHOR			REINFORCED ANCHOR			REINFORCED ANCHOR							
										POST LENGTH (FT.)			POST LENGTH (FT.)			POST LENGTH (FT.)							
								1	2	TOTAL	1	2	TOTAL	1	TOTAL								
PR-E	14+00	R2-6	30.00	X	30.00	6.30							14.0										
		R16-9P	24.00	X	12.00	2.00																	
		R13-1	18.00	X	18.00	2.30																	
PR-E	14+34	R4-7	24.00	X	30.00	5.00							14.5										
		OM3-L	12.00	X	36.00	3.00																	
PR-E	14+38	W3-2	30.00	X	30.00	6.30							11.5										
PR-E	15+50	M1-5	24.00	X	24.00	4.00							12.3										
		M6-2	21.00	X	15.00	2.20																	
PR-E	17+91	M1-5	24.00	X	24.00	4.00							12.3										
		M6-2	21.00	X	15.00	2.20																	
PR-E	18+39	M1-5	24.00	X	24.00	4.00							12.3										
		M6-2	21.00	X	15.00	2.20																	
PR-E	19+75	W11-2	30.00	X	30.00	6.30							12.5										
PR-E	25+00	M1-5	24.00	X	24.00	4.00							12.3										
		M6-2	21.00	X	15.00	2.20																	
PR-S-1-E	10+25	R2-6	30.00	X	30.00	6.30							14.0										
		R16-9P	24.00	X	12.00	2.00																	
		R13-1	18.00	X	18.00	2.30																	
PR-S-1-E	11+90	W11-2	30.00	X	30.00	6.30							12.5										
		W16-7P	24.00	X	12.00	2.00																	
PR-S-1-E	12+56	W11-2	30.00	X	30.00	6.30							12.5										
		W16-7P	24.00	X	12.00	2.00																	
PR-S-1-E	12+60	R4-7	24.00	X	30.00	5.00							11.5										
PR-S-1-E	12+65	W11-2	30.00	X	30.00	6.30							12.5										
		W16-7P	24.00	X	12.00	2.00																	
PR-S-1-E	12+88	D3-1	12.00	X	24.00	2.00							12.3										
		M6-2 R	21.00	X	15.00	2.20																	
PR-S-1-E	14+40	M1-5	24.00	X	24.00	4.00							12.3										
		M6-2	21.00	X	15.00	2.20																	
PR-S-1-E	14+87	R4-7	24.00	X	30.00	5.00							14.5										
		OM3-L	12.00	X	36.00	3.00																	
PR-S-1-E	15+50	R4-7	24.00	X	30.00	5.00							11.5										
PR-S-1-E	16+50	M1-5	24.00	X	24.00	4.00							12.3										
		M6-2	21.00	X	15.00	2.20																	
SUBTOTAL						153.00							267.3										

SHEET SIGN & POST SUMMARY

SIGN														POST									
LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (IN. x IN.)			GROUND - MOUNTED SIGN AREA (ft)			MOUNTED ON PANEL SIGN, AREA (ft)	SQUARE													
						0.080"	0.100"	0.125"	0.080"	2 1/2" X 2 1/2" - 12 GA. (TYPE 3)			2" X 2" - 12 GA. (TYPE 2)			2 1/4" X 2 1/4" - 12 GA. (TYPE 1)							
											UNREINFORCED ANCHOR			REINFORCED ANCHOR			REINFORCED ANCHOR						
											POST LENGTH (FT.)			POST LENGTH (FT.)			POST LENGTH (FT.)						
								1	2	TOTAL	1	2	TOTAL	1	TOTAL								
PR-S-1-E	16+68	W3-2	30.00	X	30.00	6.30								11.5									
PR-S-1-E	17+50	R2-6	30.00	X	30.00	6.30								14.0									
		R16-9P	24.00	X	12.00	2.00																	
		R13-1	18.00	X	18.00	2.30																	
PR-E	16+43	R1-2	36.00		36.00									12.0									
PR-E	16+92	R1-2	36.00		36.00									12.0									
PR-E	17+42	R6-4A	48.00		24.00										11.0								
PR-E	17+91	R6-4A	48.00		24.00										11.0								
PR-E	18+40	R1-2	36.00		36.00									12.0									
PR-E	19+26	R1-2	36.00		36.00									12.0									
PR-E	23+96	S1-1	36.00		36.00									12.0									
PR-S-1-E	12+90	R1-2	36.00		36.00									12.0									
PR-S-1-E	12+92	R1-2	36.00		36.00									12.0									
PR-S-1-E	13+46	R6-4A	48.00		24.00										11.0								
PR-S-1-E	13+92	R6-4A	48.00		24.00										11.0								
PR-S-1-E	14+40	R1-2	36.00		36.00									12.0									
PR-S-1-E	14+46	R1-2	36.00		36.00									12.0									
PR-S-1-E	18+00	W14-3	48.00		36.00										12.0								
TOTAL =						170.00	119.00							401.0	56.0								

c:\users\public\pjb\p13\dms94186\2000161_RD_TBL_RDWV_MISC.dgn

RECOMMENDED FOR APPROVAL DESIGN ENGINEER _____ DATE _____ DESIGNED: MRW DRAWN: MRW CHECKED: WRC CHECKED: WRC	INDIANA DEPARTMENT OF TRANSPORTATION MISCELLANEOUS TABLES	HORIZONTAL SCALE NA BRIDGE FILE VERTICAL SCALE DESIGNATION NA 2000161 SURVEY BOOK SHEETS 33 of 65 CONTRACT PROJECT R-43476 2000161
---	--	---

PAVEMENT MARKINGS SUMMARY OF QUANTITIES																		
LOCATION	OFFSET			LINE THERMOPLASTIC					TRANSVERSE MARKINGS THERMOPLASTIC YIELD LINE		TRANSVERSE MARKINGS CROSSWALK LINE		TRANSVERSE MARKINGS THERMOPLASTIC CROSSHATCH LINE		PAVEMENT MESSAGE MULTI-COMPONENT LANE INDICATION ARROW	PAVEMENT MESSAGE MULTI-COMPONENT WORD ONLY	SNOWFLOWABLE RAISED PAVEMENT MARKERS	
	LT	CENTER	RT	SOLID WHITE 6 in	SOLID YELLOW 6 in	DOTTED WHITE 8 in	BROKEN WHITE 8 in	BROKEN YELLOW 8 in	SOLID WHITE 12 in	SOLID WHITE 24 in	SOLID WHITE 24 in	SOLID WHITE 8 in	SOLID YELLOW 24 in	SOLID WHITE 24 in				
	X	X	X	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft				
West Leg							38					18		32				
South Leg							57					18						
East Leg							52					18		33				
North Leg							42					18		7				
West Leg Island Front	X		X	36														
South Leg Island Front	X		X	36														
East Leg Island Front	X		X	40														
North Leg Island Front	X		X	35														
West Leg (No Curb)	X		X	666														
South Leg (No Curb)	X		X	143														
East Leg (No Curb)	X		X	627														
North Leg (No Curb)	X		X	240														
Single Run																		
West Leg (LT)	X			350														
West Leg (RT)			X	342														
South Leg (LT)	X			198														
South Leg (RT)			X	199														
East Leg (LT)	X			345														
East Leg (RT)			X	352														
North Leg (LT)	X			103														
North Leg (RT)			X	107														
Double Run																		
West Leg (LT)	X			510														
West Leg (RT)			X	510														
East Leg (LT)	X			460														
East Leg (RT)			X	460														
North Leg (LT)	X			204														
North Leg (RT)			X	204														
TOTAL =				1,823	4,344	189	0	0	0	72	0	0	72	0	0	0	0	0

R/W MARKERS						
STATION	ALIGNMENT	OFFSET	LT.	X	RT.	
56+10.00	LINE E	39.47			1	
56+10.00	LINE E	62.00			1	
57+30.00	LINE E	35.00	1			
57+30.00	LINE E	75.00	1			
58+10.00	LINE E	85.00	1			
58+30.00	LINE E	62.00			1	
59+50.00	LINE E	35.00			1	
59+60.00	LINE E	130.00	1			
62+15.00	LINE E	60.00	1			
62+15.00	LINE E	35.00	1			
63+00.00	LINE E	40.00			1	
63+00.00	LINE E	35.00			1	
37+30.00	LINE S-1-E	25.00	1			
37+50.00	LINE S-1-E	45.00	1			
37+30.00	LINE S-1-E	12.00			1	
37+50.00	LINE S-1-E	30.00			1	
38+40.00	LINE S-1-E	45.00	1			
38+80.00	LINE S-1-E	30.00			1	
39+55.00	LINE S-1-E	68.00			1	
41+65.00	LINE S-1-E	32.00			1	
43+25.00	LINE S-1-E	30.00			1	
43+25.00	LINE S-1-E	40.00	1			
43+25.00	LINE S-1-E	12.00	1			
43+25.00	LINE S-1-E	12.00			1	
TOTAL					24	

MONUMENT TABLE												
STATION	OFFSET	LINE	DESC.	LT	X	RT	TYPE				SEC COR	
							A	B	C	D		
11+00.00	0	PR - E	POB	X					1			
12+55.69	0	PR - E	PC	X					1			
13+07.06	0.66'	PR - E	PI	X					1			
13+58.41	0	PR - E	PT	X					1			
14+02.36	0	PR - E	PC	X					1			
15+26.55	9.58'	PR - E	PI			X			1			
16+48.77	0	PR - E	PRC	X							1	
16+72.94	2.88'	PR - E	PI	X							1	
16+96.20	0	PR - E	PT						1			
18+46.39	0	PR - E	PC	X							1	
18+77.14	1.18'	PR - E	PI			X					1	
19+07.80	0	PR - E	PT	X							1	
19+92.85	0	PR - E	PC	X							1	
20+47.63	1.50'	PR - E	PI	X							1	
21+02.28	0	PR - E	PT	X					1			
21+77.10	0	PR - E	PC	X					1			
22+05.52	0.20'	PR - E	PI			X			1			
22+33.94	0	PR - E	PC	X					1			
22+39.73	0	PR - E	PI	X					1			
22+45.51	0	PR - E	PT	X					1			
24+06.21	0	PR - E	POE	X					1			
10+00.00	0	PR-S-1-E	POB	X					1			
10+98.24	0	PR-S-1-E	PC	X					1			
11+42.68	0.61'	PR-S-1-E	PI			X			1			
11+87.10	0	PR-S-1-E	PCC	X					1			
12+11.51	0.88'	PR-S-1-E	PI			X			1			
12+35.85	0	PR-S-1-E	PT	X					1			
12+58.82	0	PR-S-1-E	PC	X							1	
12+71.56	0.81'	PR-S-1-E	PI	X							1	
12+84.17	0	PR-S-1-E	PT	X							1	
15+05.42	0	PR-S-1-E	PC	X							1	
15+34.80	0.86'	PR-S-1-E	PI			X			1			
15+93.53	0	PR-S-1-E	PT	X					1			
16+37.74	0	PR-S-1-E	POE	X					1			
TOTAL							0	23	0	11	0	

c:\users\public\pblpww\13\dms94186\2000161_RD_TB_L_RDWY_MISC_02.dgn

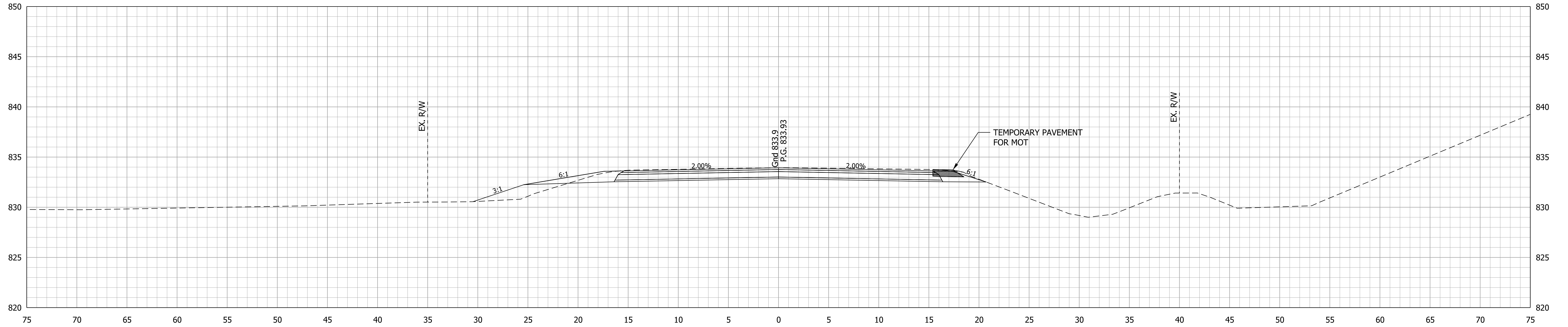
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
					NA	NA
DESIGNED: MRW	DRAWN: MRW		MISCELLANEOUS TABLES		SURVEY BOOK	SHEETS
					.	34 of 65
CHECKED: WRC	CHECKED: WRC				CONTRACT	PROJECT
		R-43476			2000161	

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					DESCRIPTION MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	LENGTH	VIDEO INSPECTION LENGTH	SKEW	FLOW LINE			TOP OF CASTING	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL	TYPE	FLOWABLE BACKFILL	TYPE	GEOTEXTILES	REVTMENT RIPRAP	SCOUR PROTECTION				CONCRETE CLASS A FOR STR.	ANCHOR	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR.	CULVERT ASSET ID	REMARKS										
	STATION	LEFT	RIGHT	CROSS	OFFSET					SIZE	PIPE TYPE	COVER												UP STREAM	DOWN STREAM	ELEV.	ELEV.				ELEV.	YRS	CYS	CYS	SUMP DEPTH	GEOTEXTILE TYPE IA				RIPRAP	CYS	EA.	EA.	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.
LINE "PR-E"																																																	
100	14+90.00	X			19.73	12	2					831.04	831.00	834.80		1	4.1	2																	OUT														
102	14+90.00	X			19.82	12	2					831.16	831.09	834.74		1	8.2	2																	OUT														
103	17+16.71		X		58.10	15	2					830.76	830.63	834.83		1	20.8	2																	OUT														
104	17+56.34	X			91.17	15	2					831.67	831.61	834.40		1	6.1	2																	OUT														
105	16+92.65	X			42.33	15	2					832.25	832.18	834.63		1	6.0	2																	OUT														
106	17+87.97		X		72.61	15	2					830.97	830.76	834.60		1	40.0	2																	103														
107	18+22.26		X		44.84	15	2					831.20	831.00	834.67		1	21.2	2																	106														
108	18+39.94	X			38.00	15	2					832.23	832.16	834.90		1	7.5	2																	126														
109	19+20.00	X			16.81	12	2					832.53	832.28	835.22		1	22.1	2																	126														
115	17+46.46		X		75.78	18	2					830.30	830.11	834.50		1	42.5	2																	OUT														
116	17+94.54			X	82.97	18	2					830.35	830.31	833.60		1	24.3	2																	115														
121	14+91.16	X			54.21	15	2					826.44	826.05	828.00		1	20.7	2																	OUT	POND OUTLET													
126	18+54.04	X			54.34	15	2					832.16	831.74	835.84		1	65.1	2																	OUT														
135	18+15.92			X	63.13	18	2					830.43	830.35	833.89		1	16.3	2																	116														
136	19+01.43		X		43.58	18	2					830.96	830.50	834.79		1	58.5	2																	135														

c:\users\public\mjbipw\3\dms94186\2000161_RD_TBH_SD.dgn

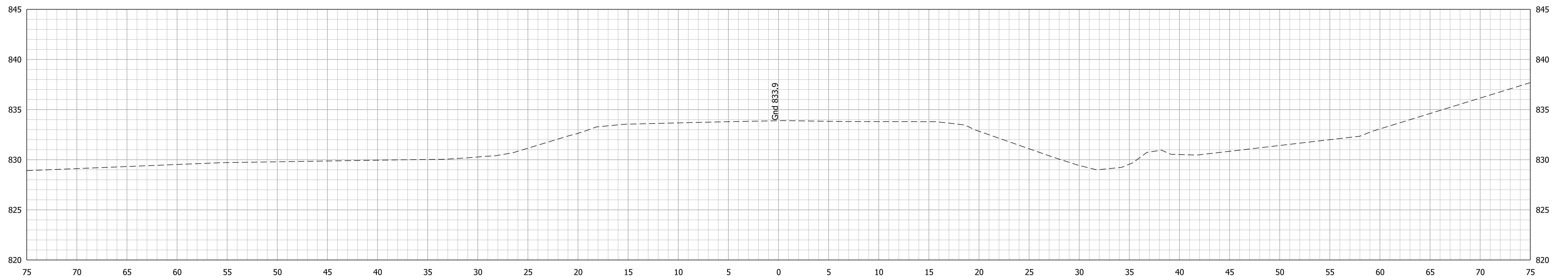
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE	
					N/A		
DESIGNED: ZL	DRAWN: ZL	CHECKED: HDP	CHECKED: HDP	STRUCTURE DATA TABLE		VERTICAL SCALE	DESIGNATION
						N/A	2000161
				SURVEY BOOK		SHEETS	
				CONTRACT		PROJECT	
				R-43476		2000161	



Ac = 67.2 SFT
Vc = 62 CYS

Af = 6.3 SFT
Vf = 6 CYS

11+00.0000
BEGIN CONSTRUCTION @ STA. 11+00



Ac = 0.0 SFT
Vc = 0 CYS

Af = 0.0 SFT
Vf = 0 CYS

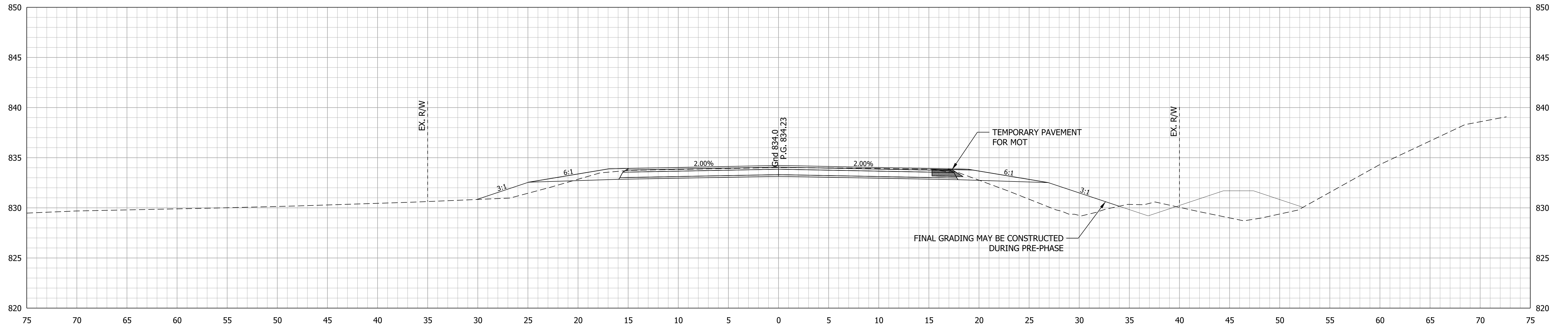
10+50.0000

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

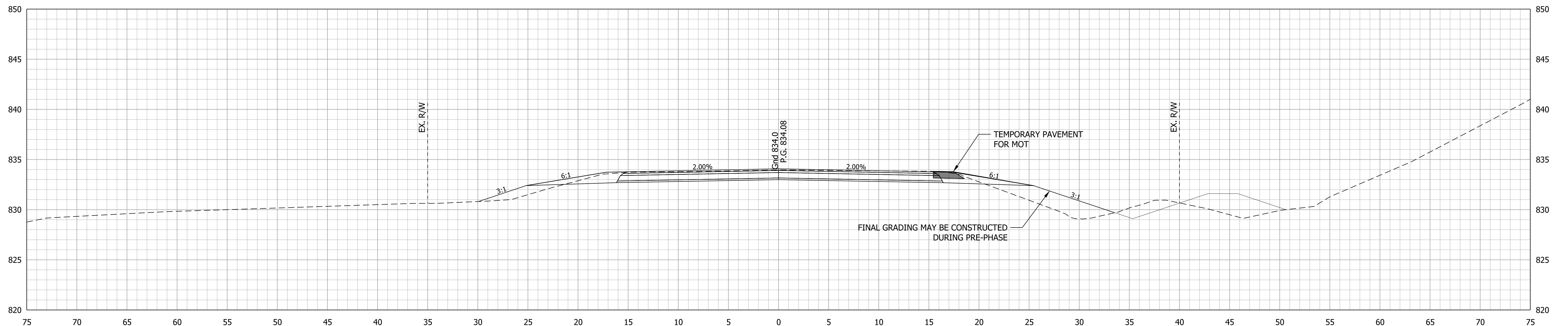
CROSS SECTION
LINE "PR-E"

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 36 of 65
CONTRACT R-43476	PROJECT 2000161



Ac = 37.7 SFT Af = 26.1 SFT
 Vc = 79 CYS Vf = 43 CYS

12+00.0000



Ac = 47.6 SFT Af = 19.9 SFT
 Vc = 106 CYS Vf = 24 CYS

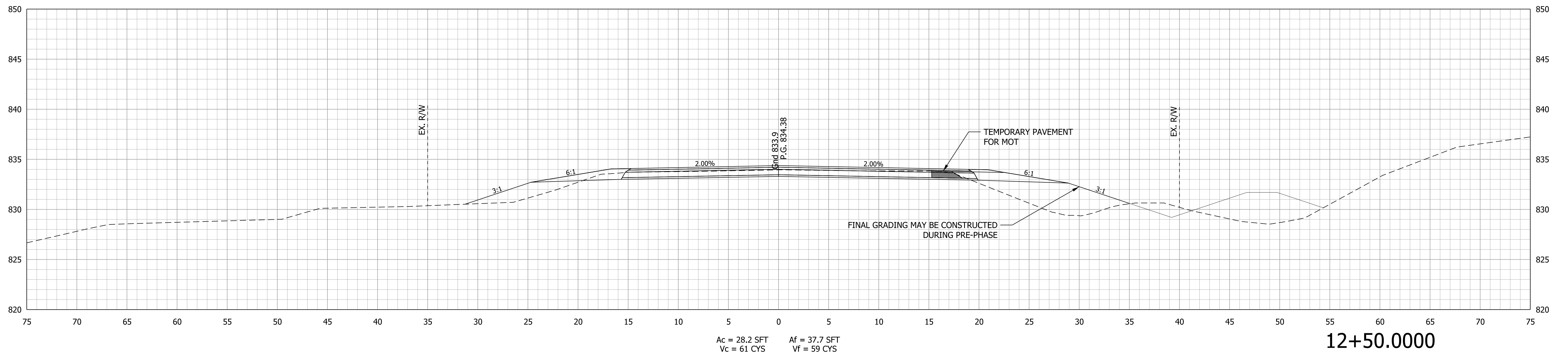
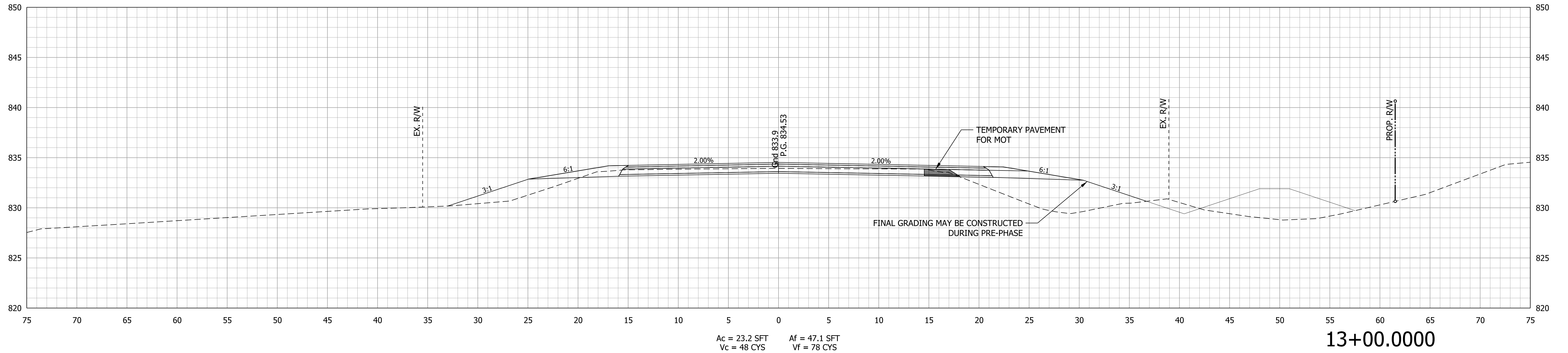
11+50.0000

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTION
LINE "PR-E"

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 37 of 65
CONTRACT R-43476	PROJECT 2000161

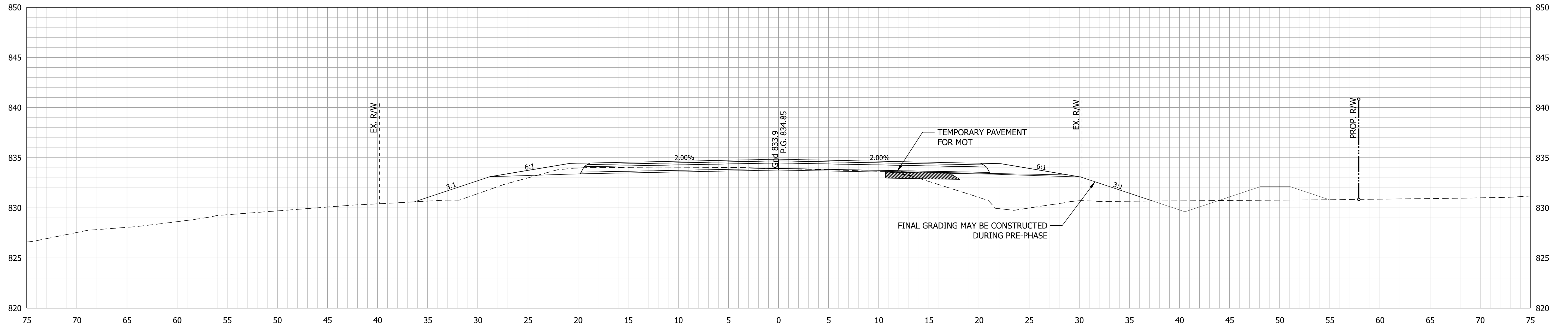


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

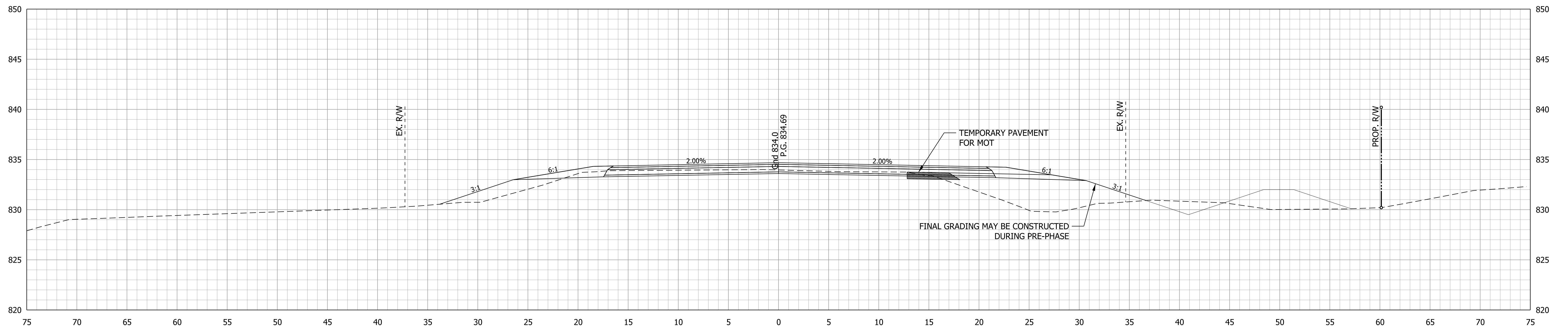
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTION
LINE "PR-E"

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 38 of 65
CONTRACT R-43476	PROJECT 2000161



14+00.0000



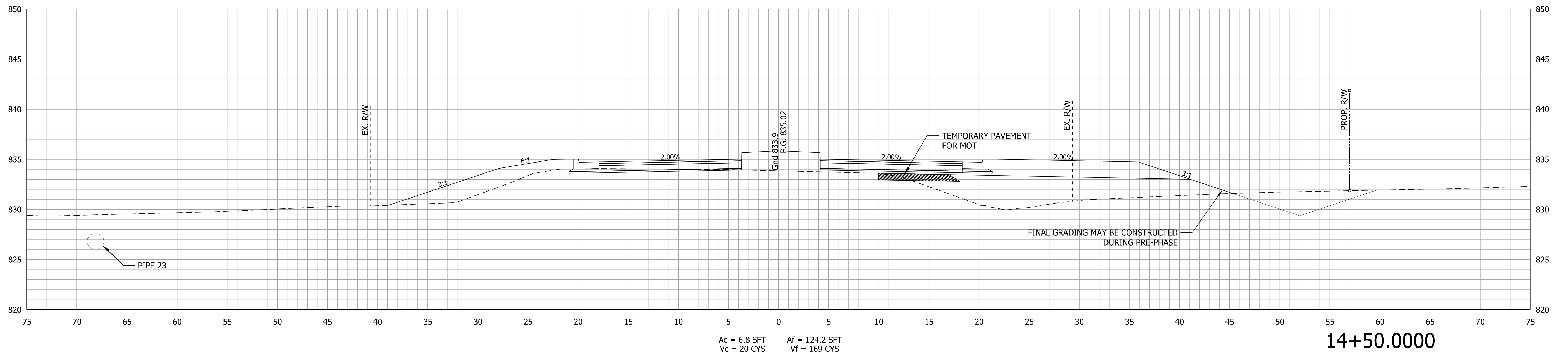
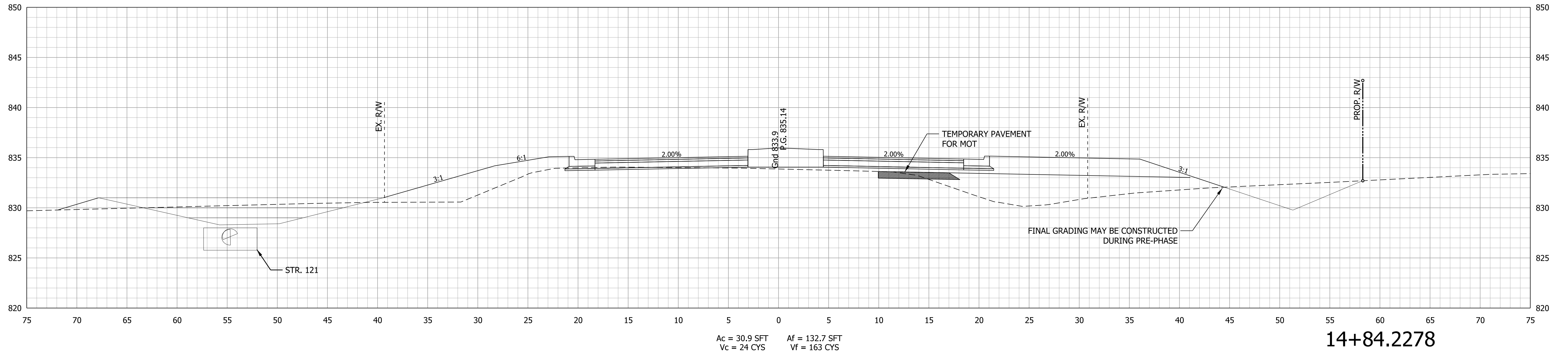
13+50.0000

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTION
LINE "PR-E"

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 39 of 65
CONTRACT R-43476	PROJECT 2000161

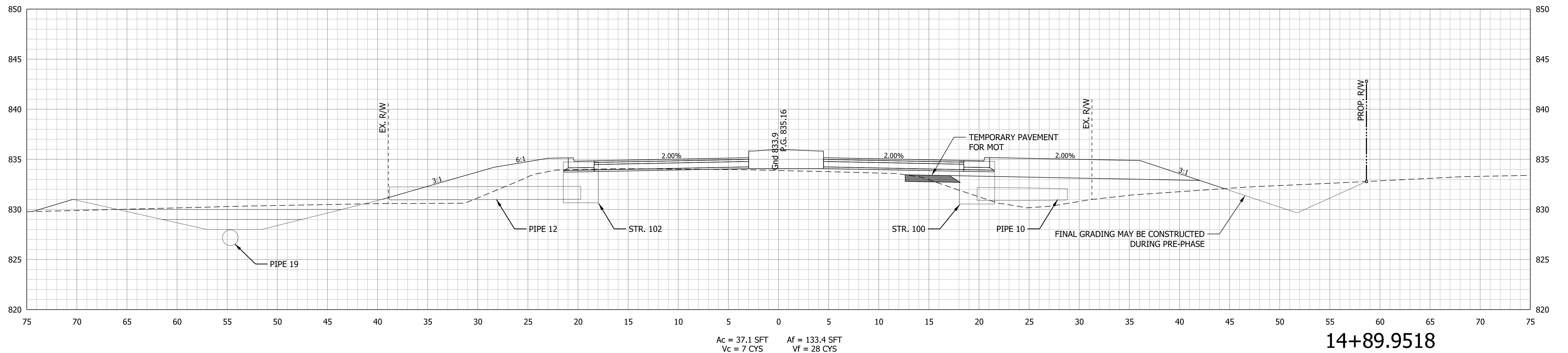
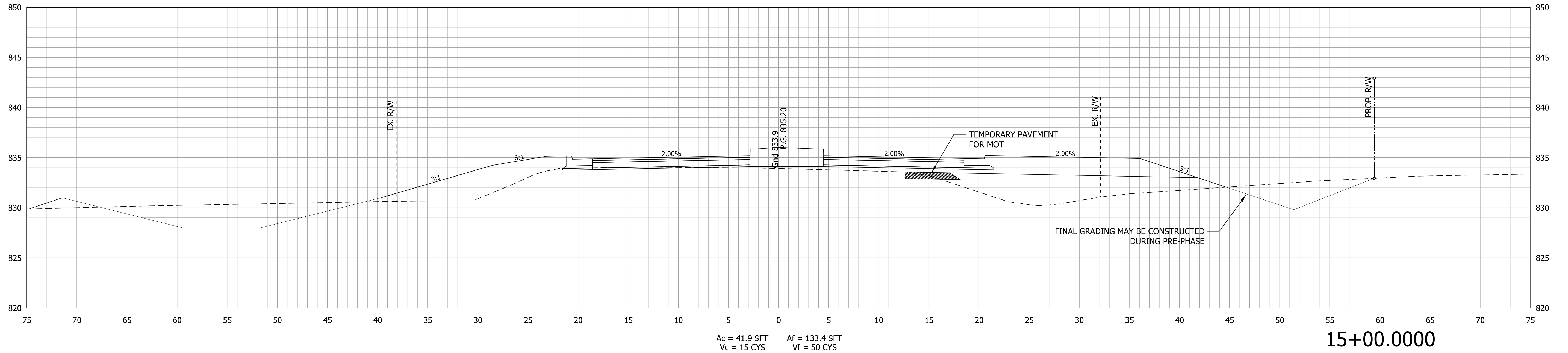


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTION
LINE "PR-E"

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 40 of 65
CONTRACT R-43476	PROJECT 2000161

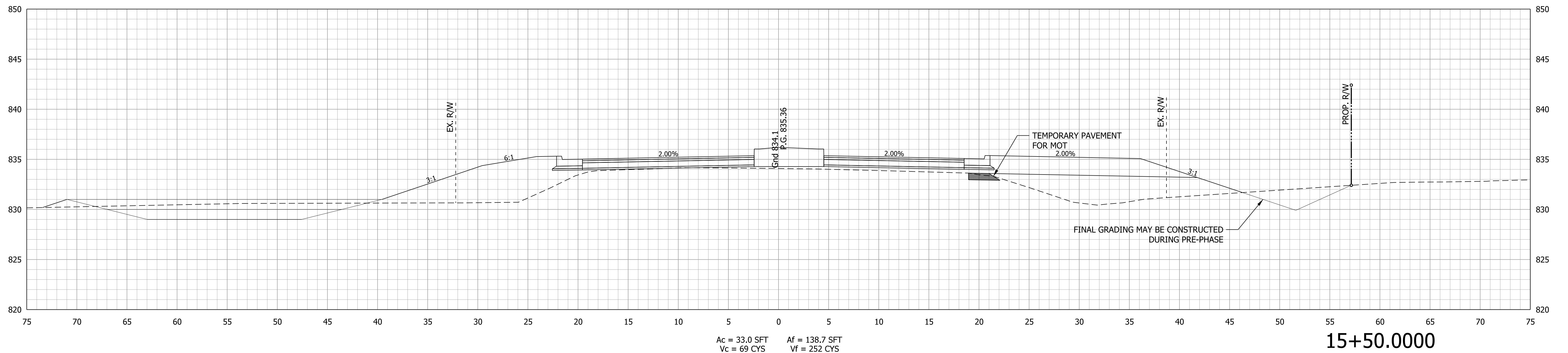
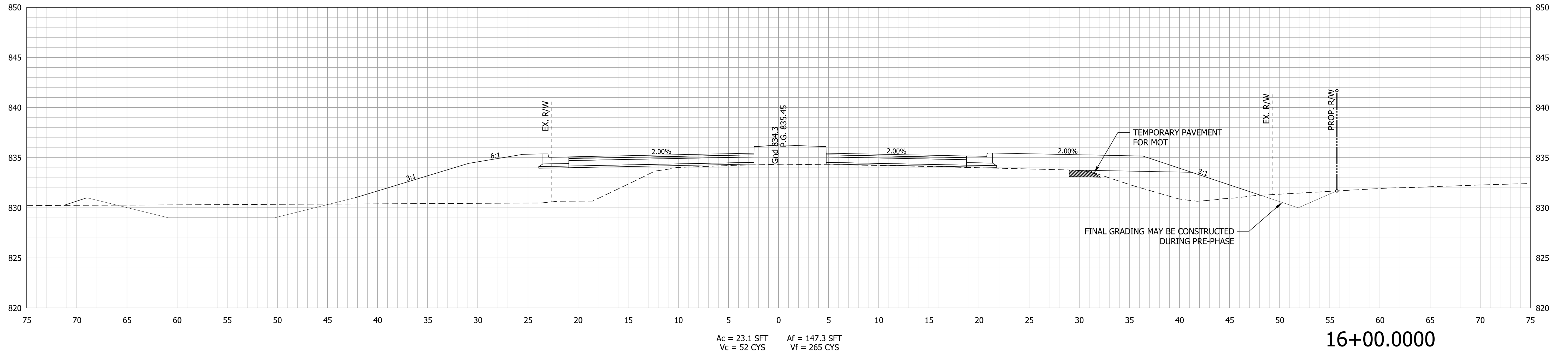


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____
DESIGNED: MRW	DRAWN: MRW
CHECKED: WRC	CHECKED: WRC

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION
LINE "PR-E"**

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 41 of 65
CONTRACT R-43476	PROJECT 2000161

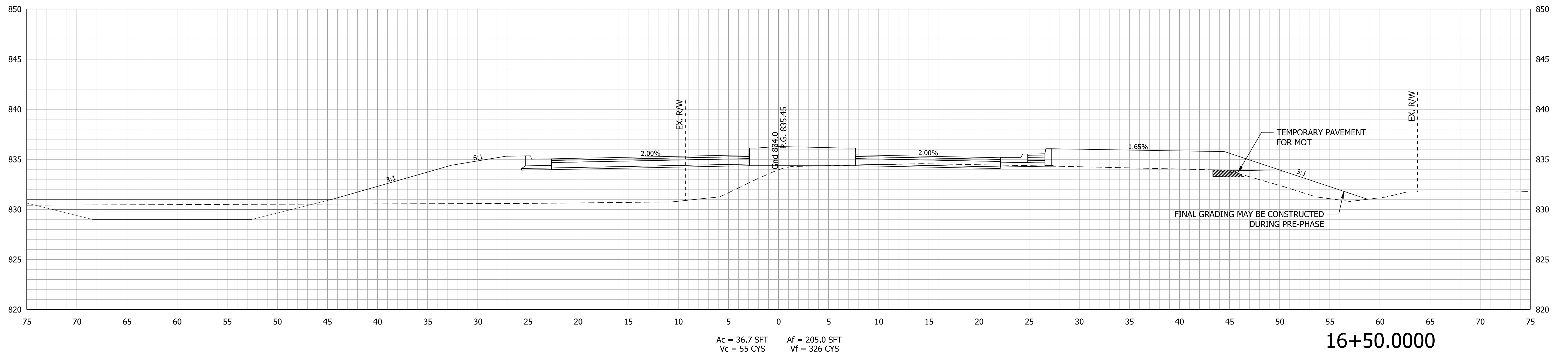
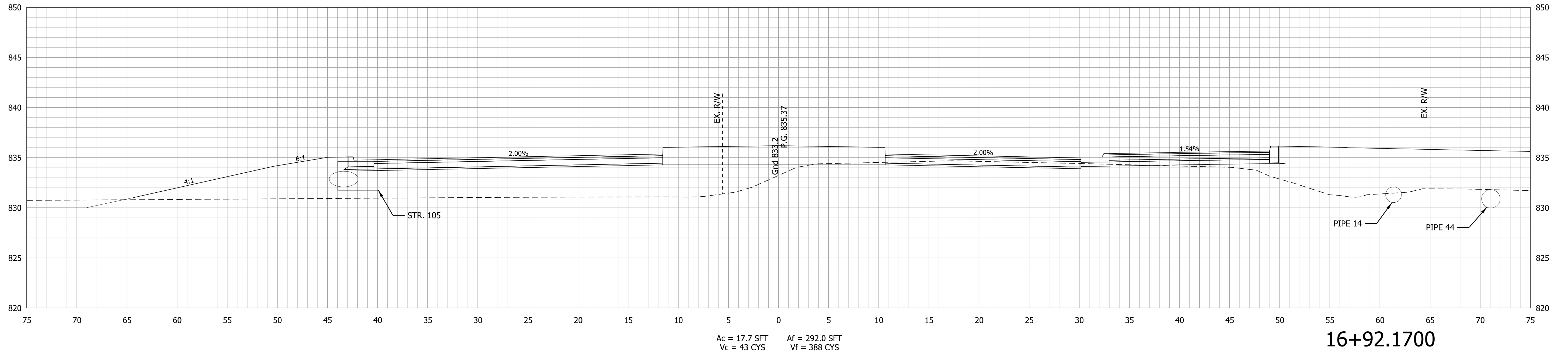


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION
LINE "PR-E"**

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 42 of 65
CONTRACT R-43476	PROJECT 2000161

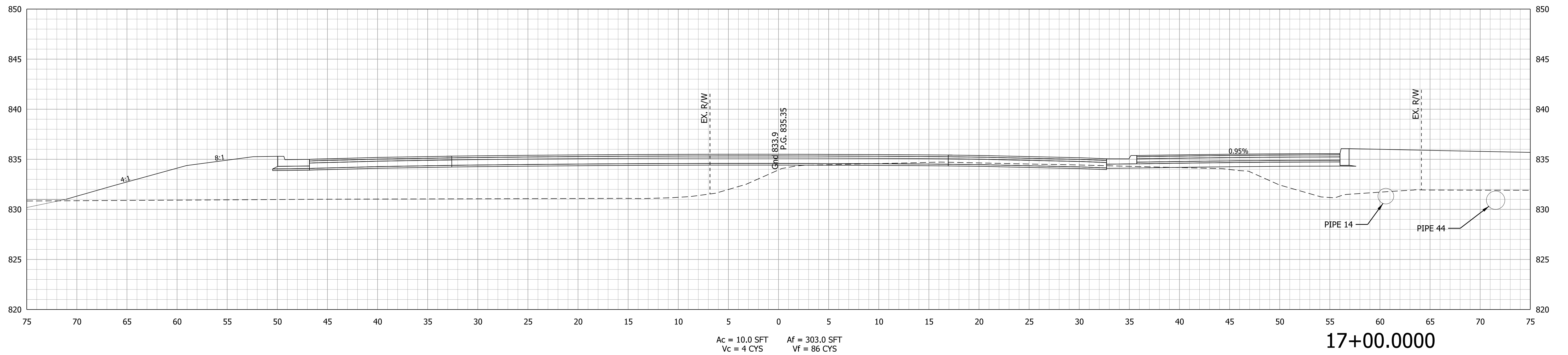
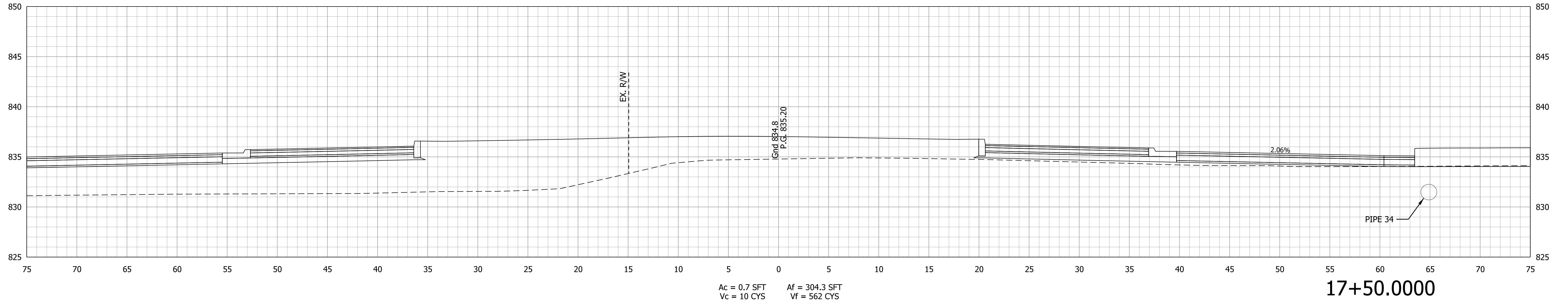


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTION
LINE "PR-E"

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 43 of 65
CONTRACT R-43476	PROJECT 2000161

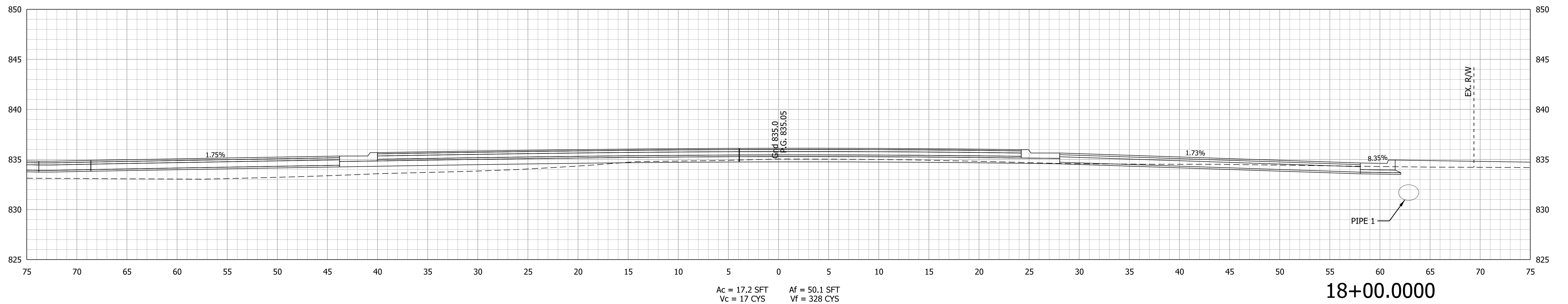
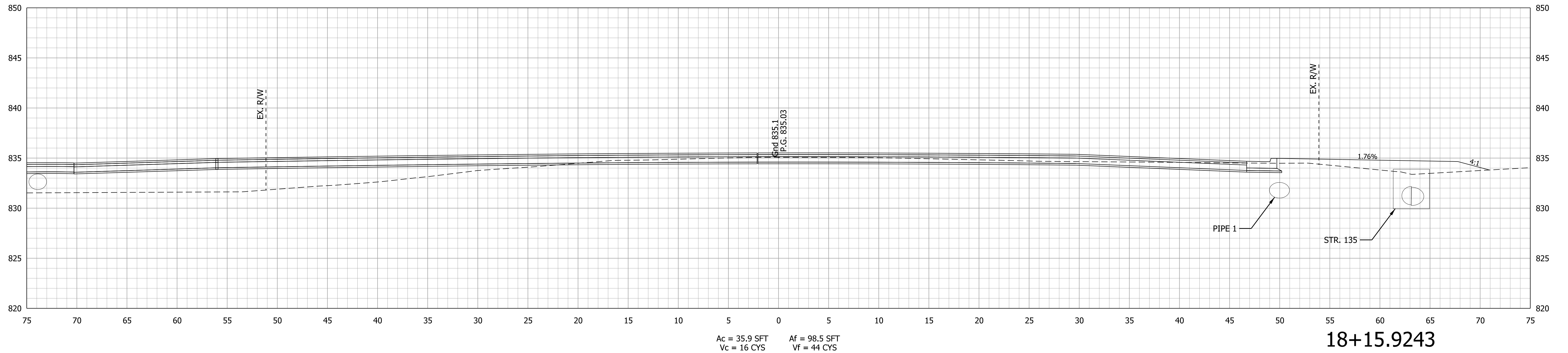


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTION
LINE "PR-E"

HORIZONTAL SCALE	BRIDGE FILE
1"=5'	
VERTICAL SCALE	DESIGNATION
1"=5'	2000161
SURVEY BOOK	SHEETS
	44 of 65
CONTRACT	PROJECT
R-43476	2000161

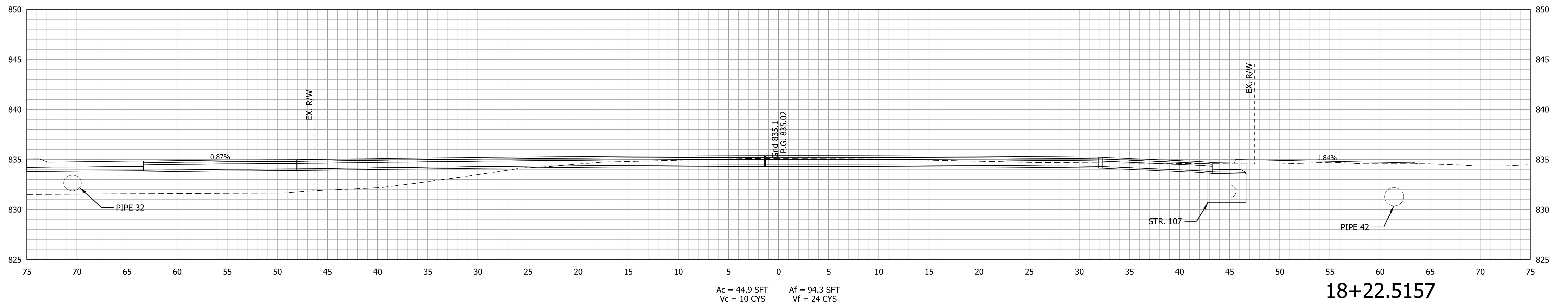
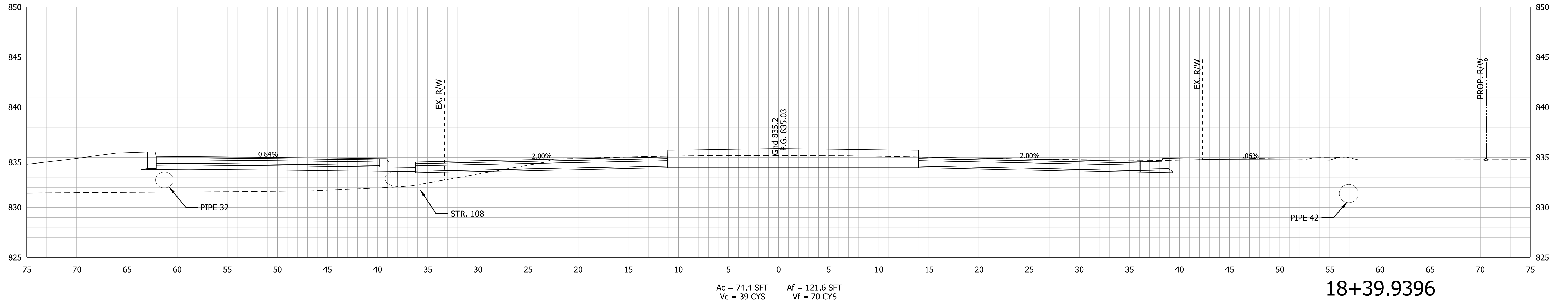


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____
DESIGNED: MRW	DRAWN: MRW
CHECKED: WRC	CHECKED: WRC

INDIANA
DEPARTMENT OF TRANSPORTATION

**CROSS SECTION
LINE "PR-E"**

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 45 of 65
CONTRACT R-43476	PROJECT 2000161

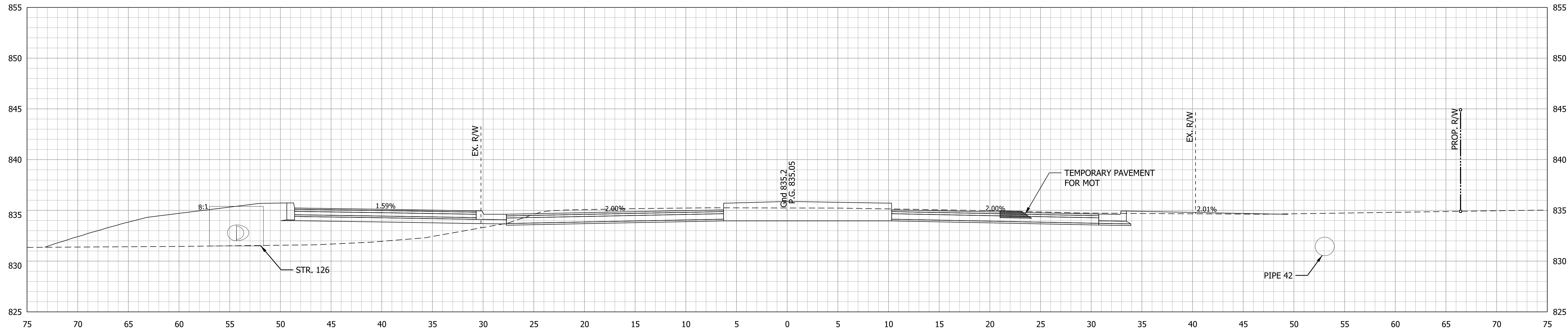


RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	DESIGNED: <u>MRW</u> DRAWN: <u>MRW</u> CHECKED: <u>WRC</u> CHECKED: <u>WRC</u>
--	---

INDIANA
DEPARTMENT OF TRANSPORTATION

**CROSS SECTION
LINE "PR-E"**

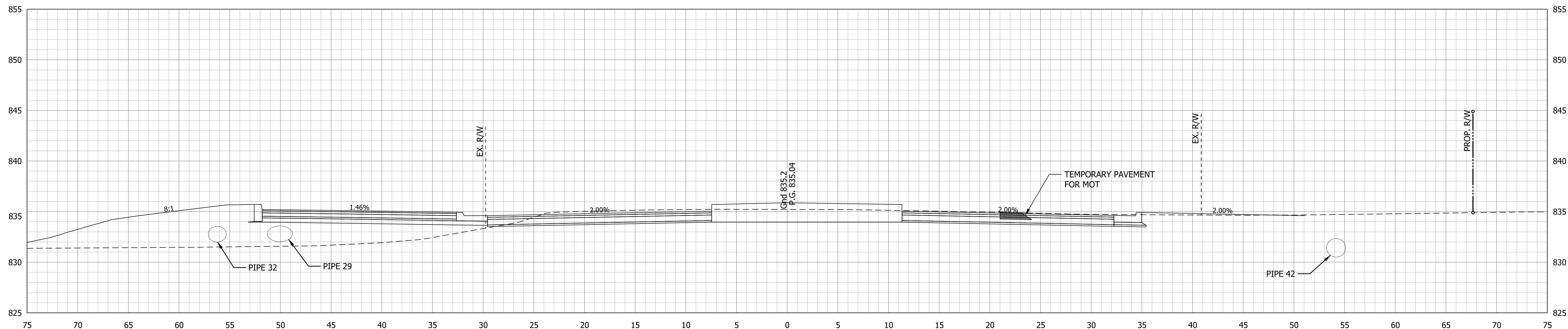
HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 46 of 65
CONTRACT R-43476	PROJECT 2000161



Ac = 75.3 SFT
Vc = 11 CYS

Af = 121.4 SFT
Vf = 19 CYS

18+54.0371



Ac = 75.0 SFT
Vc = 28 CYS

Af = 126.5 SFT
Vf = 46 CYS

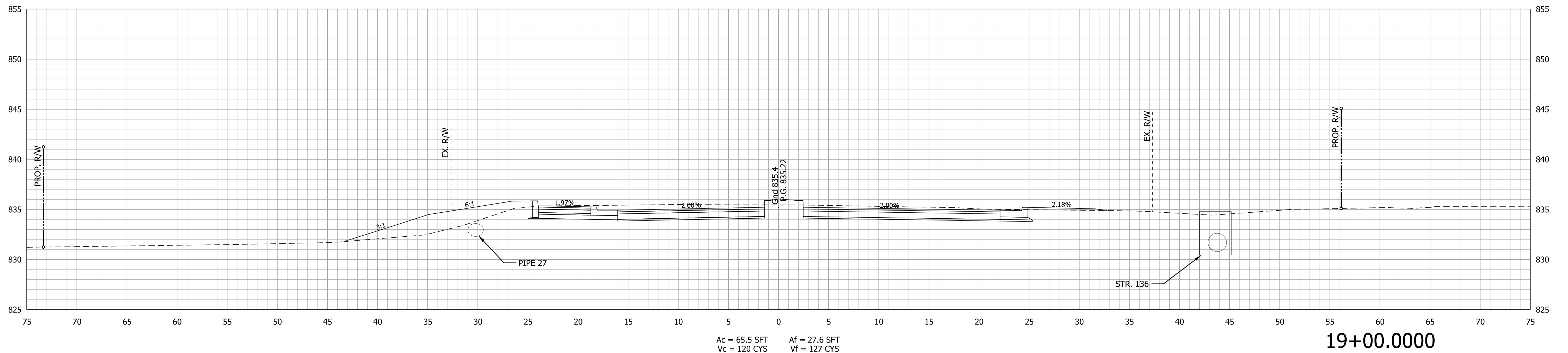
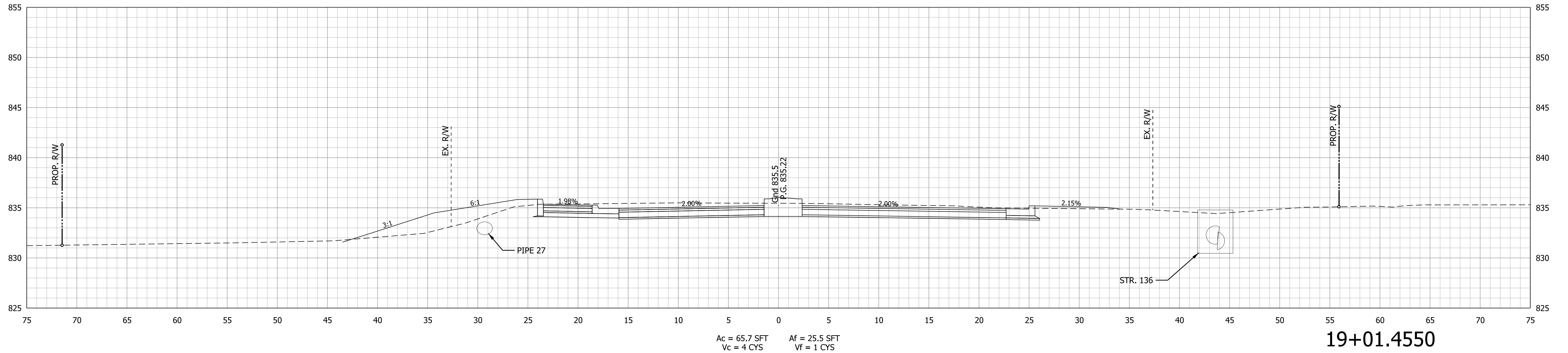
18+50.0000

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

**CROSS SECTION
LINE "PR-E"**

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 47 of 65
CONTRACT R-43476	PROJECT 2000161

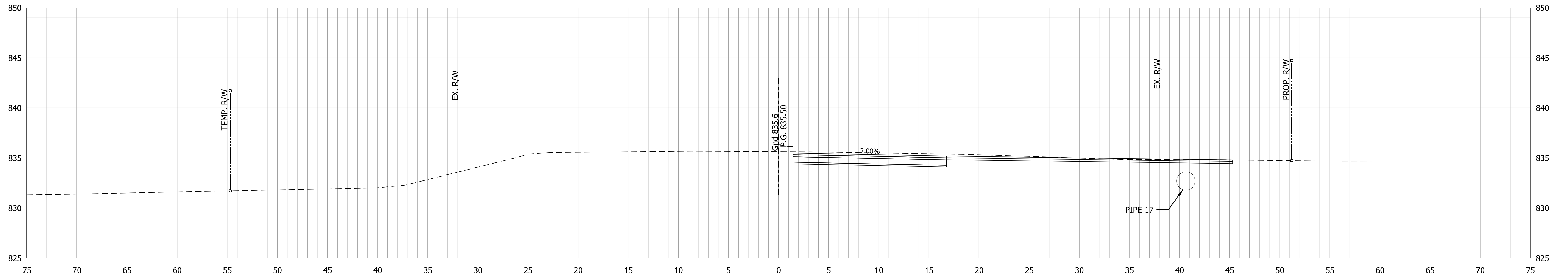


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTION
LINE "PR-E"

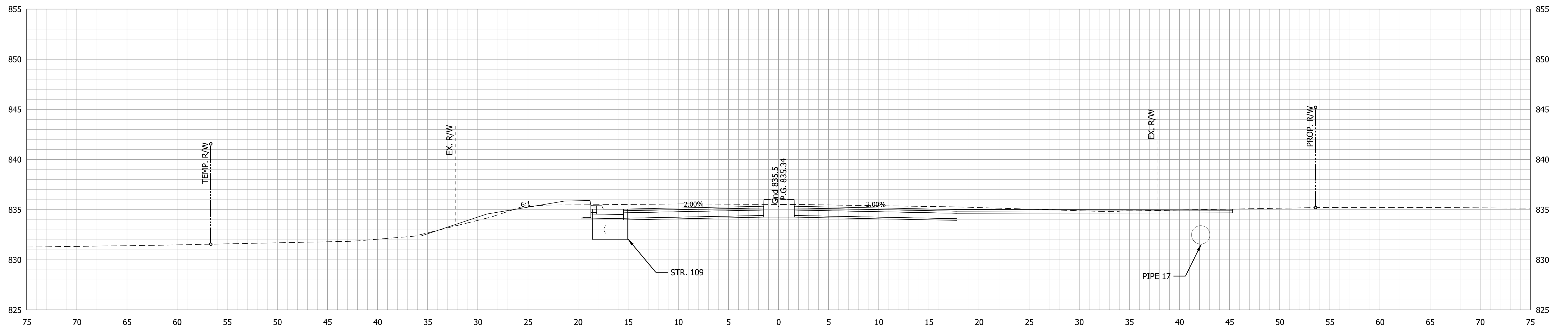
HORIZONTAL SCALE	BRIDGE FILE
1"=5'	
VERTICAL SCALE	DESIGNATION
1"=5'	2000161
SURVEY BOOK	SHEETS
	48 of 65
CONTRACT	PROJECT
R-43476	2000161



Ac = 61.0 SFT
Vc = 49 CYS

Af = 0.0 SFT
Vf = 2 CYS

DRIVEWAY RT @ 19+40.8808



Ac = 67.7 SFT
Vc = 47 CYS

Af = 5.3 SFT
Vf = 11 CYS

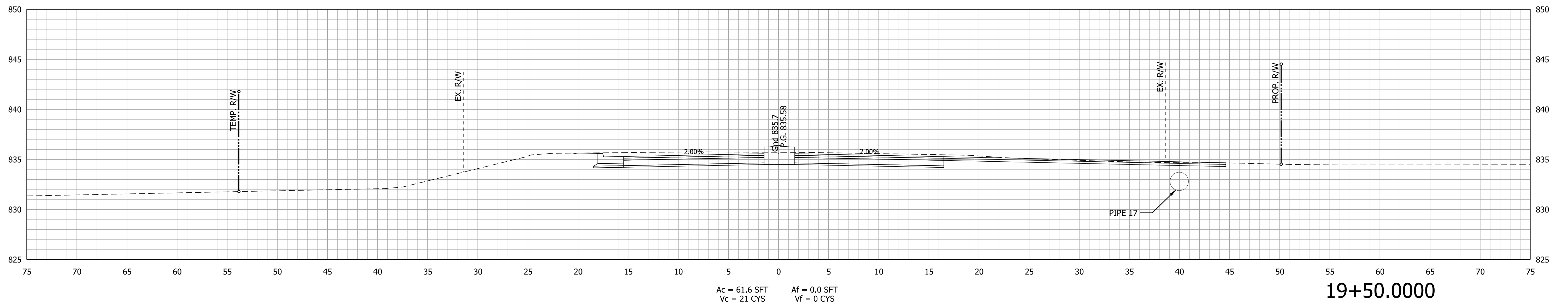
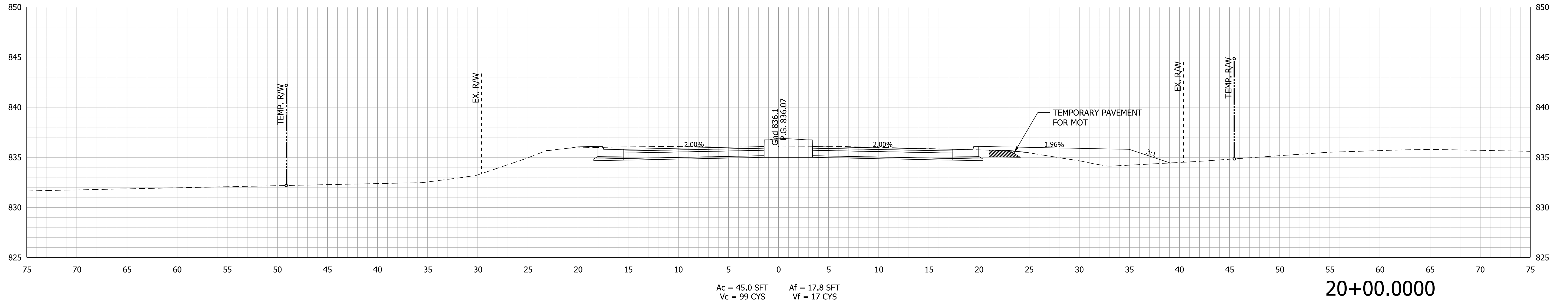
19+20.2837

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION
LINE "PR-E"**

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 49 of 65
CONTRACT R-43476	PROJECT 2000161

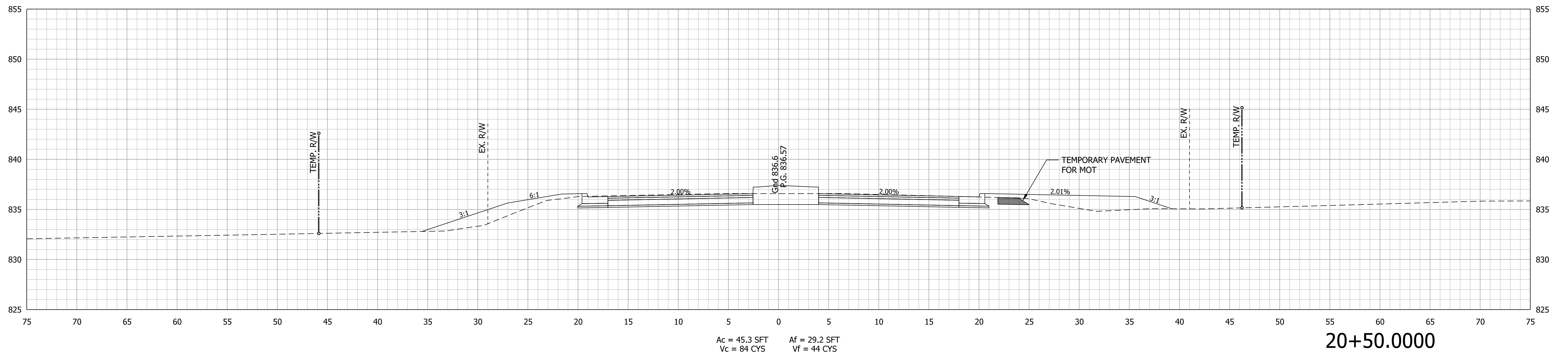
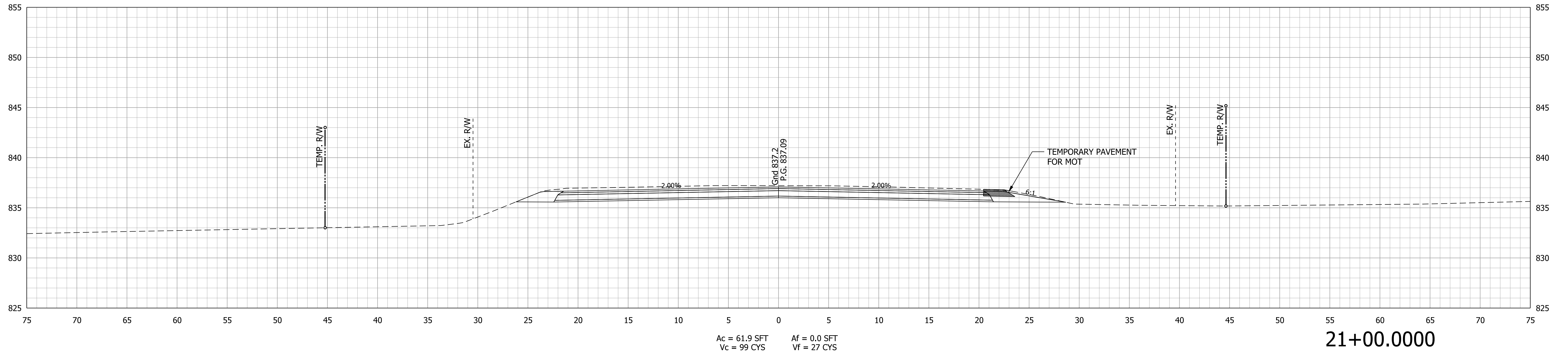


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTION
LINE "PR-E"

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 50 of 65
CONTRACT R-43476	PROJECT 2000161

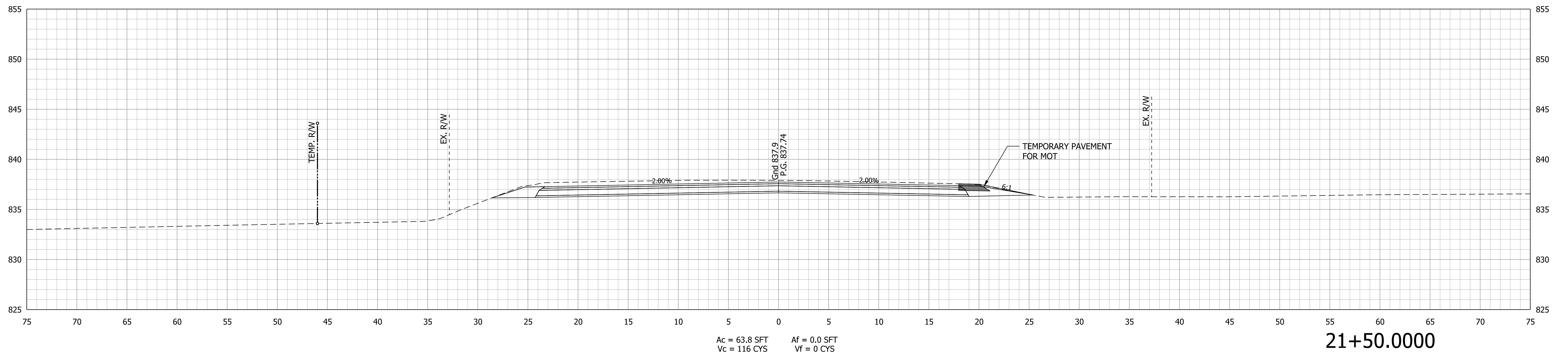
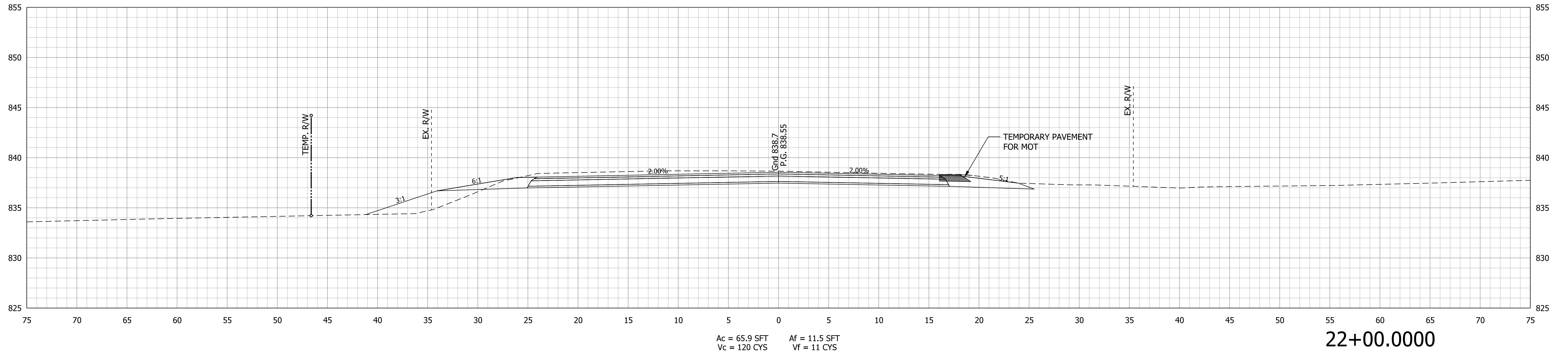


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____
DESIGNED: MRW	DRAWN: MRW
CHECKED: WRC	CHECKED: WRC

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTION
LINE "PR-E"

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 51 of 65
CONTRACT R-43476	PROJECT 2000161

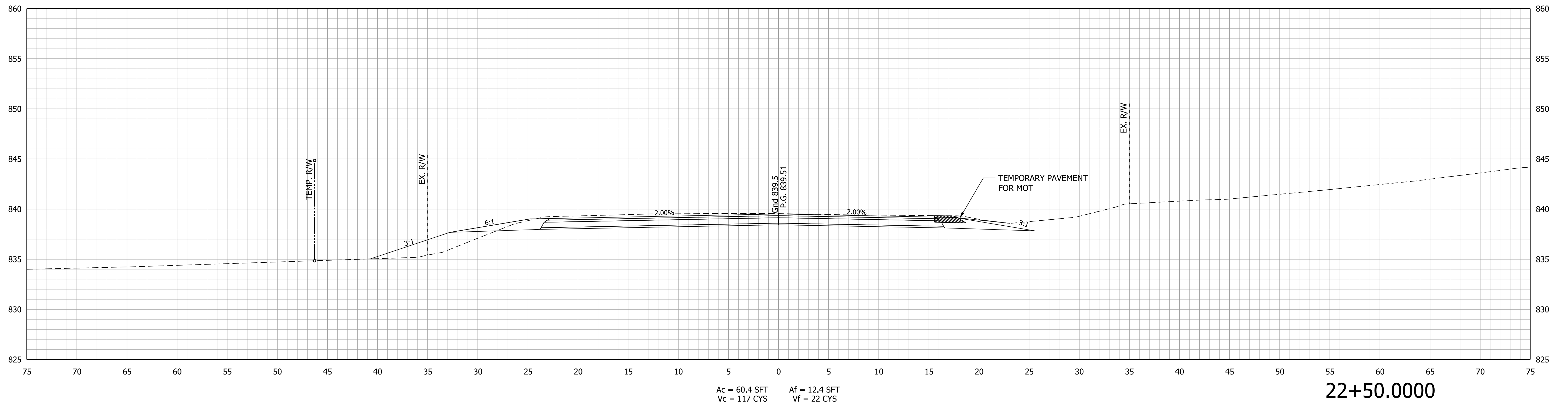
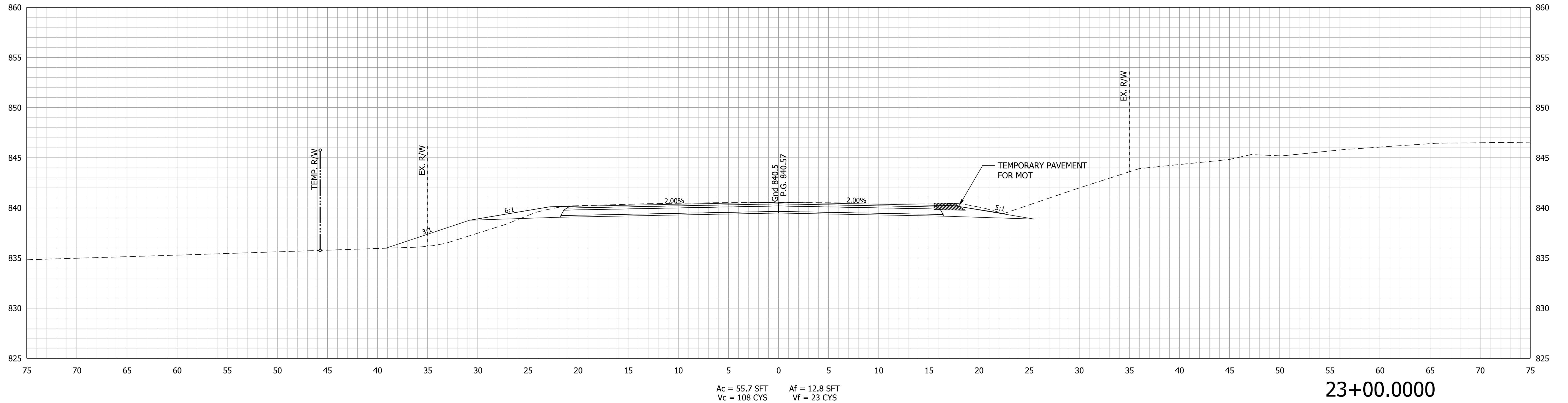


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____
DESIGNED: MRW	DRAWN: MRW
CHECKED: WRC	CHECKED: WRC

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION
LINE "PR-E"**

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 52 of 65
CONTRACT R-43476	PROJECT 2000161

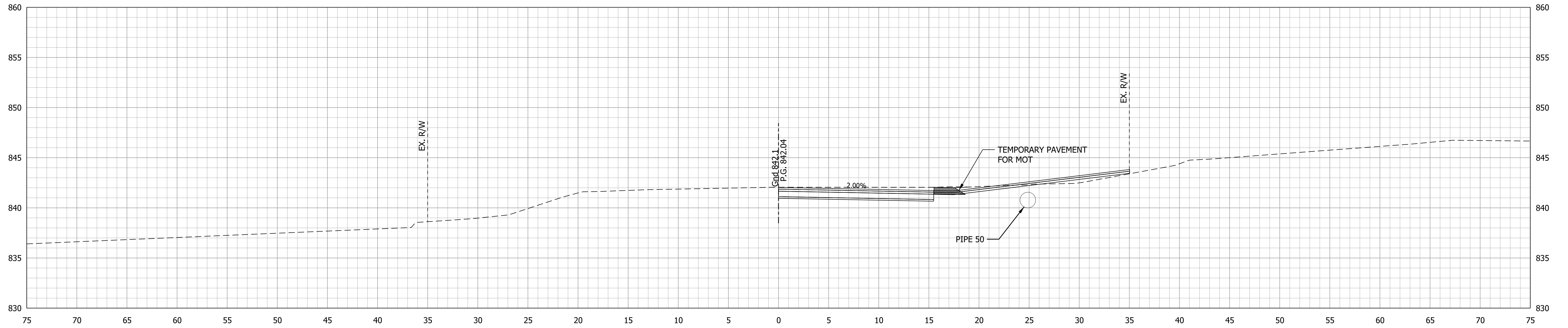


RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	
DESIGNED: MRW DRAWN: MRW CHECKED: WRC CHECKED: WRC	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION
LINE "PR-E"**

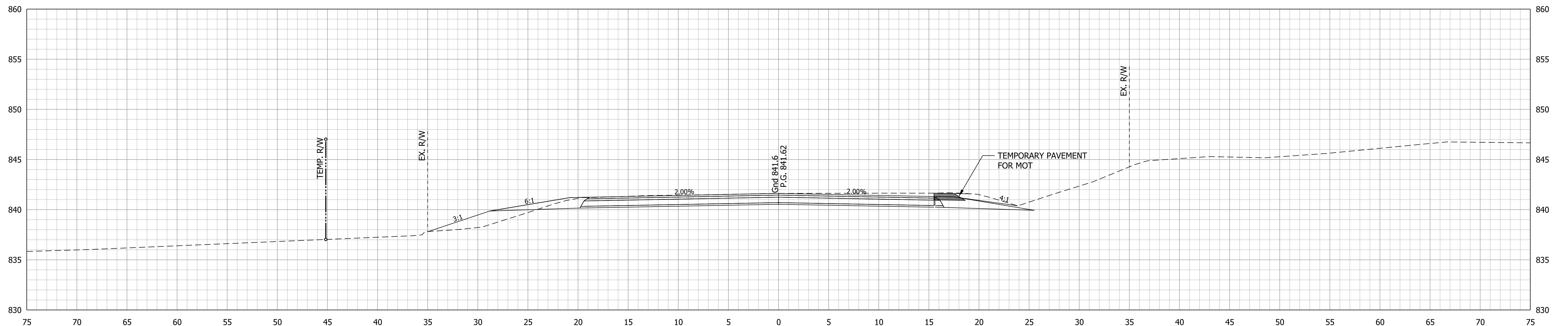
HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 53 of 65
CONTRACT R-43476	PROJECT 2000161



Ac = 56.3 SFT
Vc = 40 CYS

Af = 5.6 SFT
Vf = 5 CYS

DRIVEWAY RT @ 23+69.6190



Ac = 53.8 SFT
Vc = 101 CYS

Af = 8.0 SFT
Vf = 19 CYS

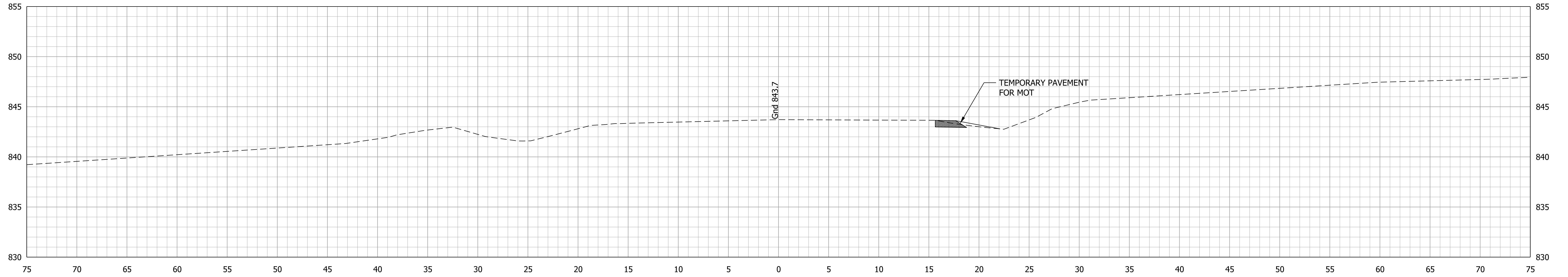
23+50.0000

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

**CROSS SECTION
LINE "PR-E"**

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 54 of 65
CONTRACT R-43476	PROJECT 2000161

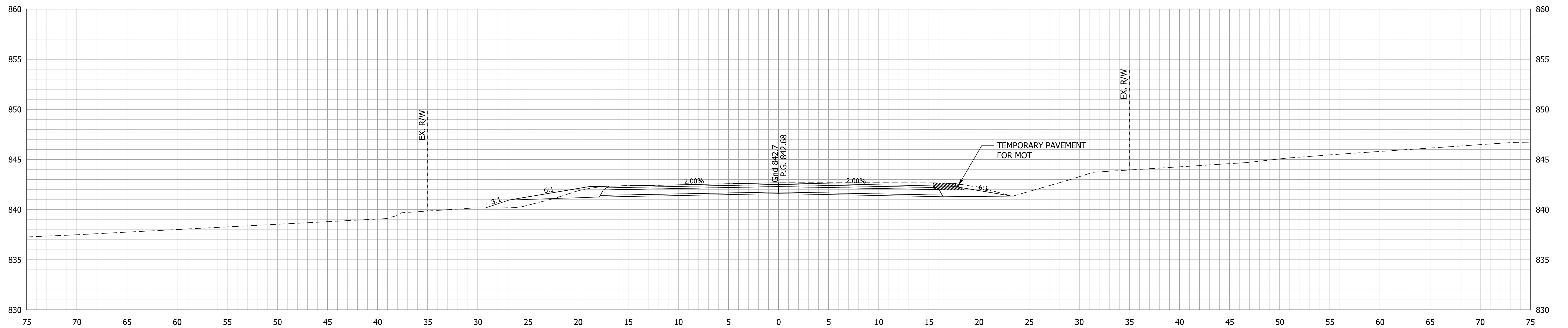


Ac = 0.0 SFT
Vc = 44 CYS

Af = 0.0 SFT
Vf = 3 CYS

24+50.0000

END CONSTRUCTION @ STA. 24+06.20



Ac = 47.9 SFT
Vc = 59 CYS

Af = 3.1 SFT
Vf = 5 CYS

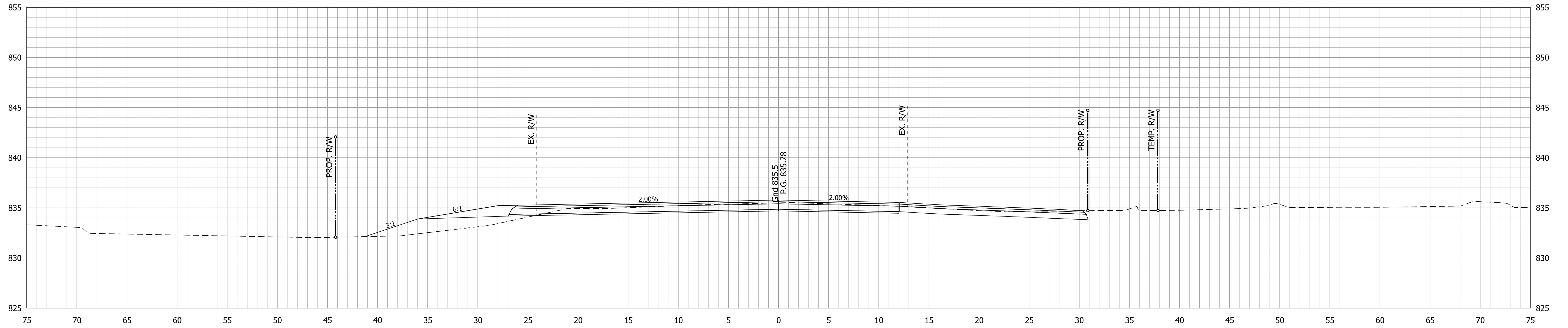
24+00.0000

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTION
LINE "PR-E"

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 55 of 65
CONTRACT R-43476	PROJECT 2000161

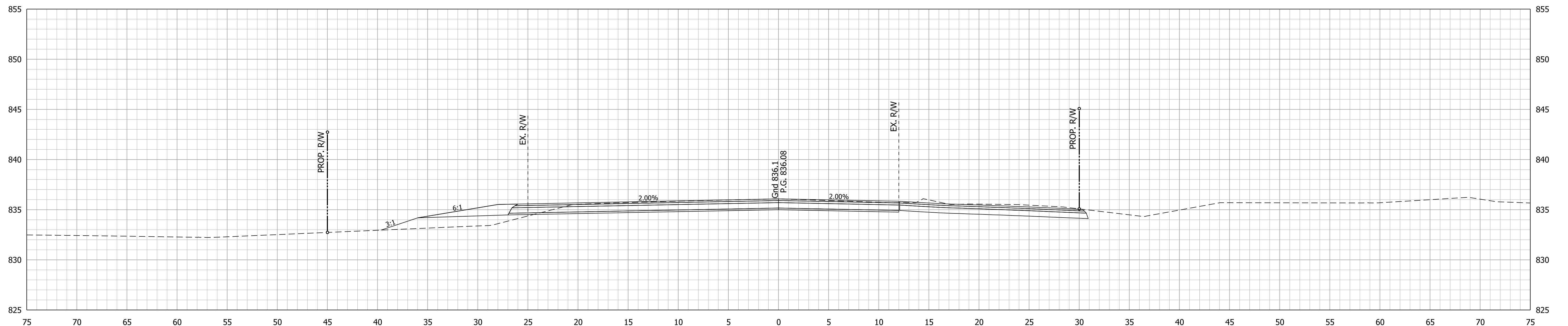


Ac = 36.8 SFT
Vc = 34 CYS

Af = 14.6 SFT
Vf = 13 CYS

11+50.000

DRIVEWAY RT @ STA. 11+23.00



Ac = 0.0 SFT
Vc = 0 CYS

Af = 0.0 SFT
Vf = 0 CYS

11+00.000

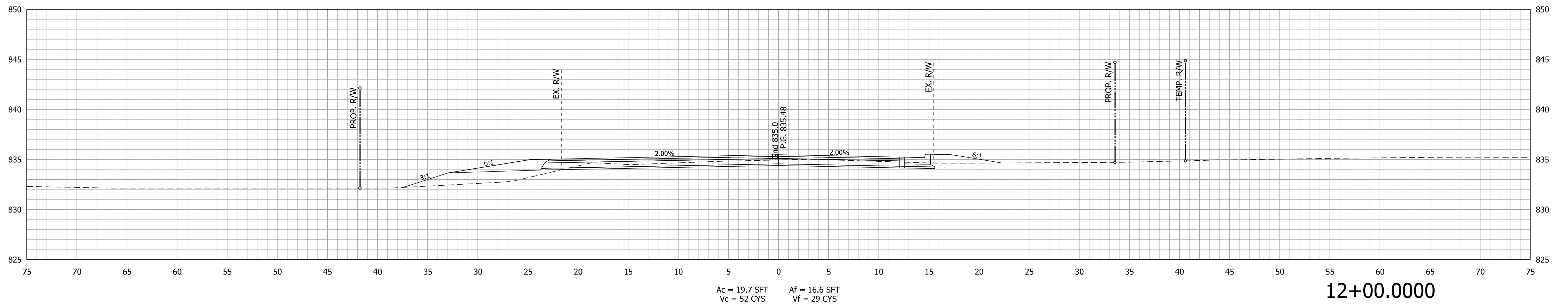
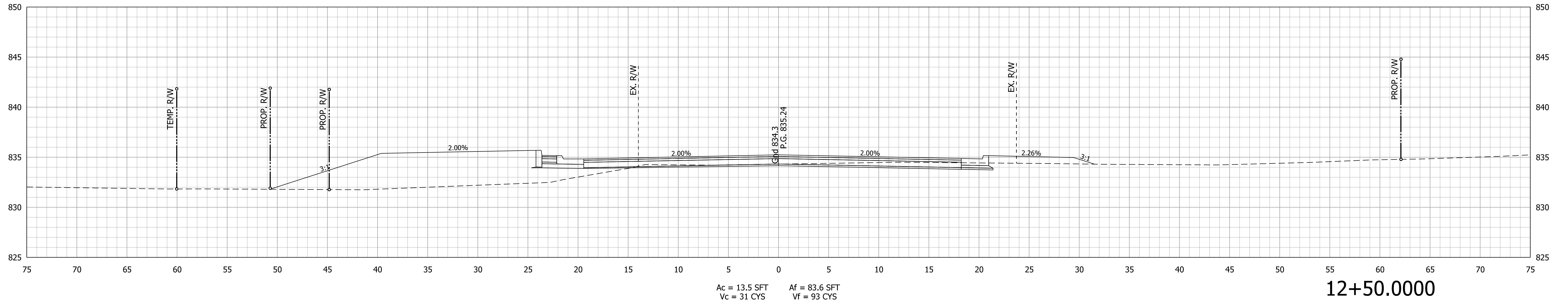
BEGIN CONSTRUCTION @ STA. 11+00.00

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

**CROSS SECTION
LINE "PR-S-1-E"**

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 56 of 65
CONTRACT R-43476	PROJECT 2000161

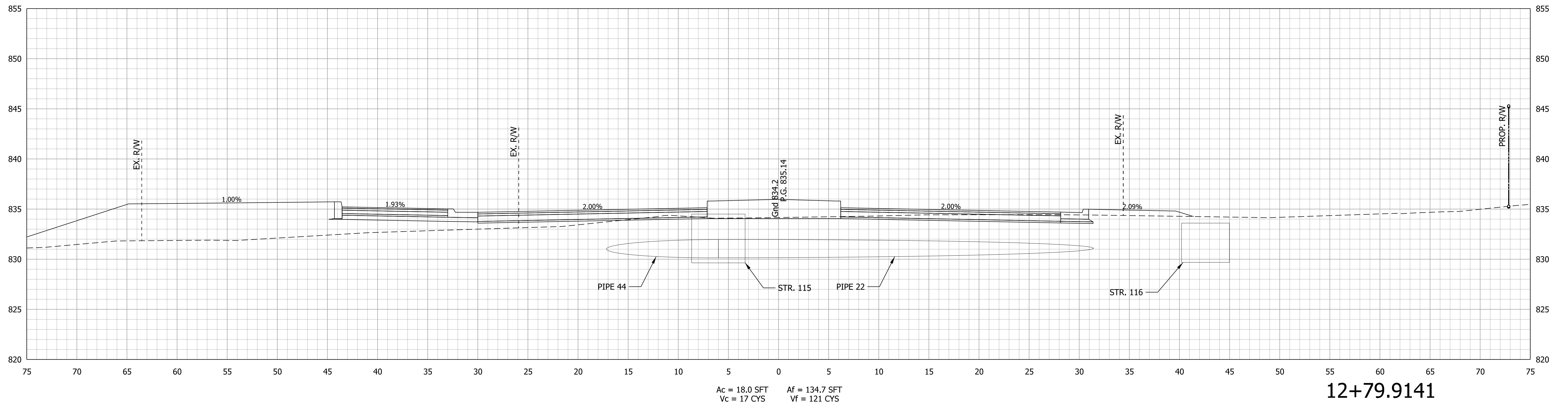
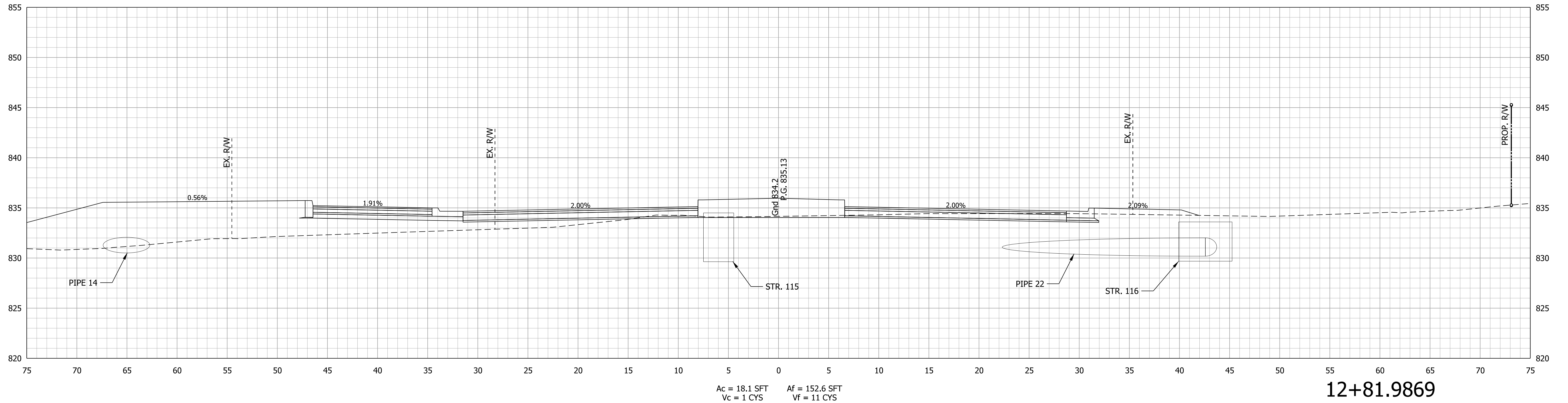


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____
DESIGNED: MRW	DRAWN: MRW
CHECKED: WRC	CHECKED: WRC

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION
LINE "PR-S-1-E"**

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 57 of 65
CONTRACT R-43476	PROJECT 2000161

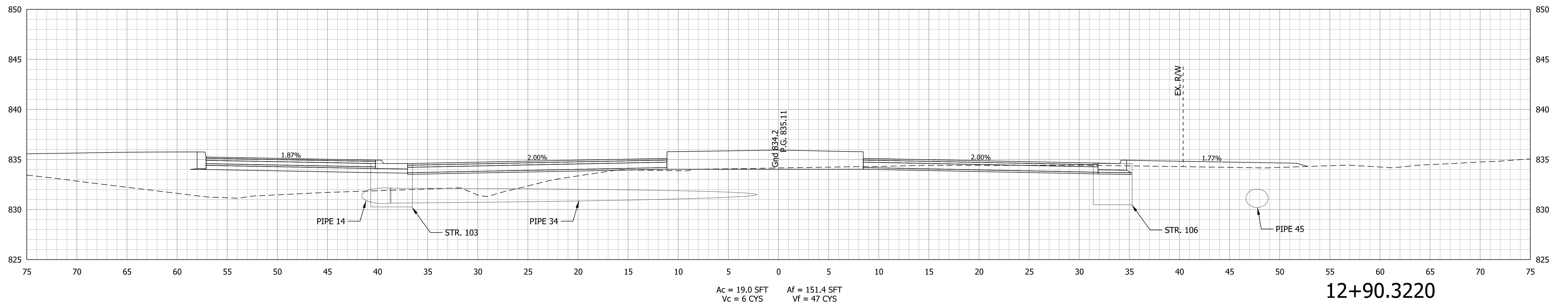
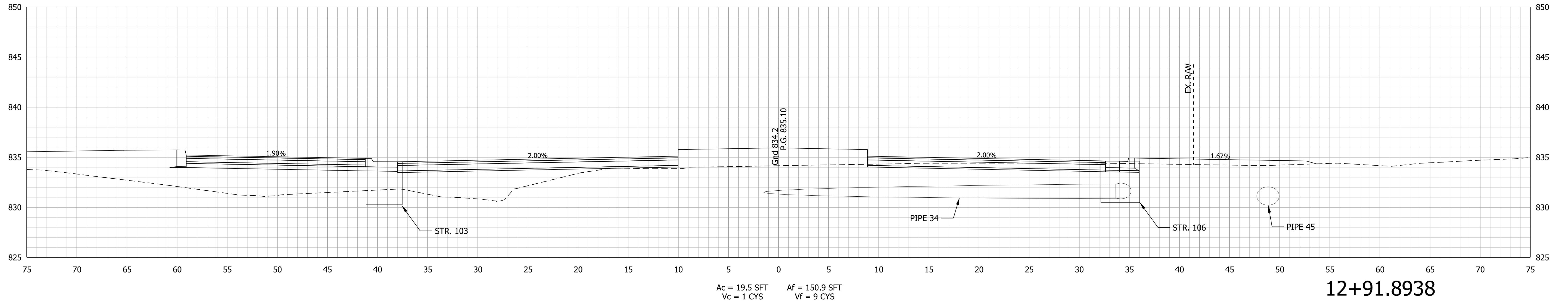


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTION
LINE "PR-S-1-E"

HORIZONTAL SCALE	BRIDGE FILE
1"=5'	
VERTICAL SCALE	DESIGNATION
1"=5'	2000161
SURVEY BOOK	SHEETS
	58 of 65
CONTRACT	PROJECT
R-43476	2000161

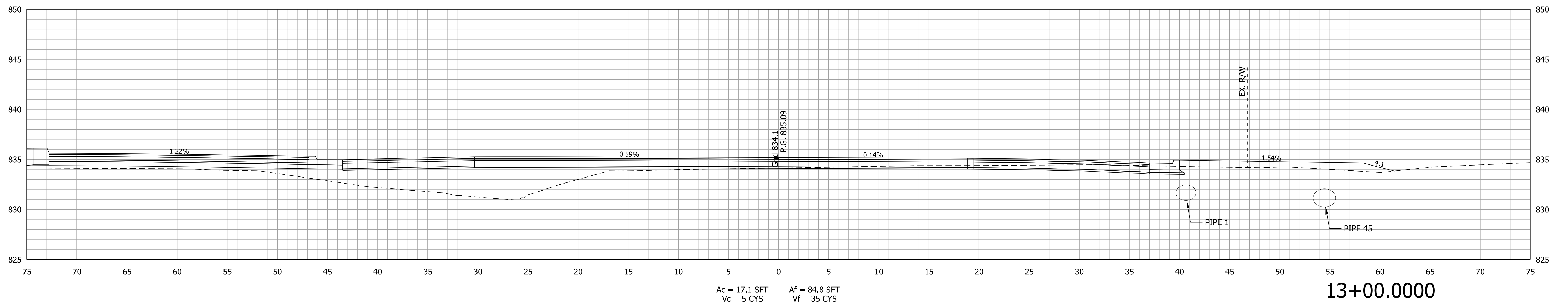
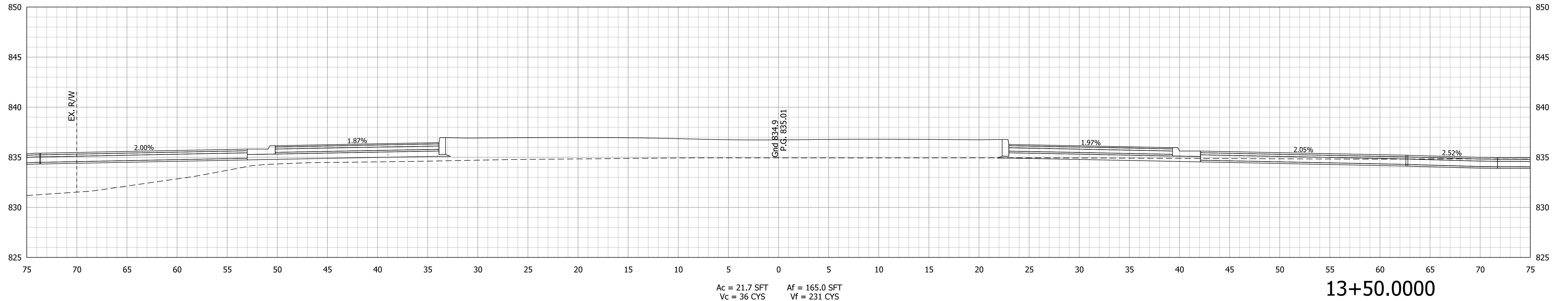


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION
LINE "PR-S-1-E"**

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 59 of 65
CONTRACT R-43476	PROJECT 2000161

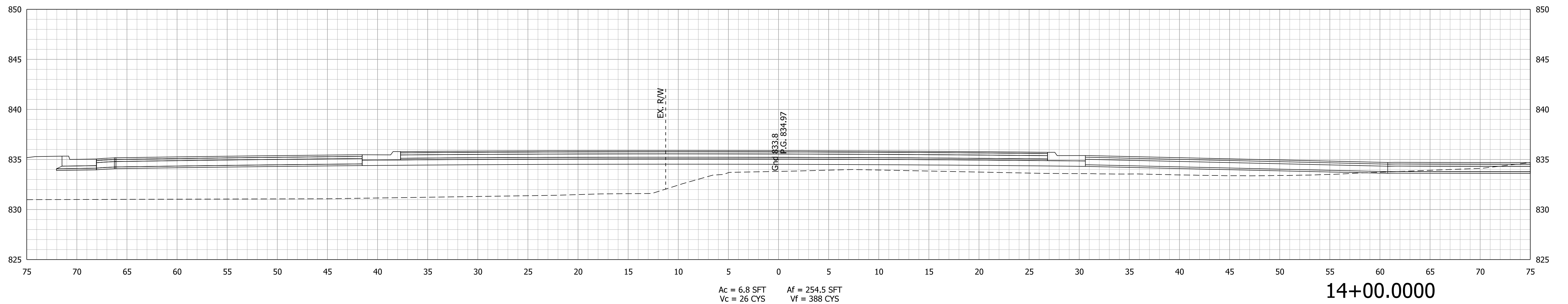
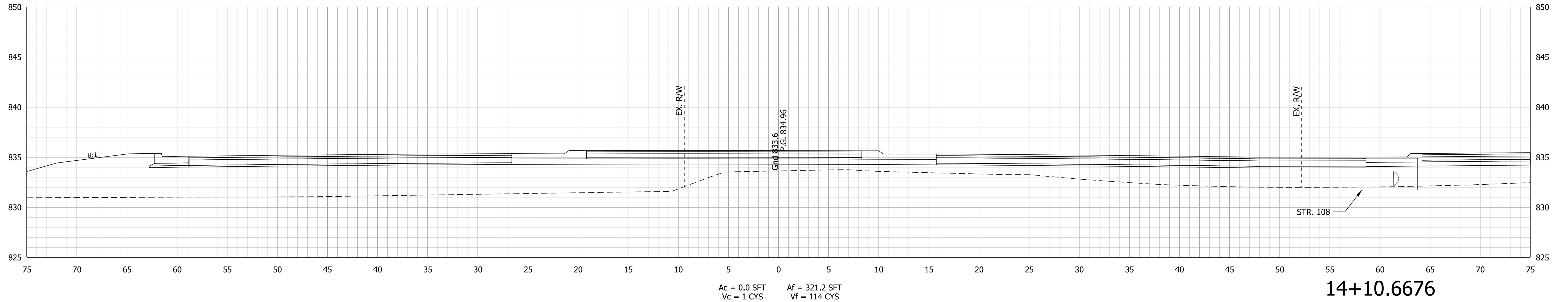


RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	DESIGNED: MRW DRAWN: MRW CHECKED: WRC CHECKED: WRC
--	---

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION
LINE "PR-S-1-E"**

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 60 of 65
CONTRACT R-43476	PROJECT 2000161

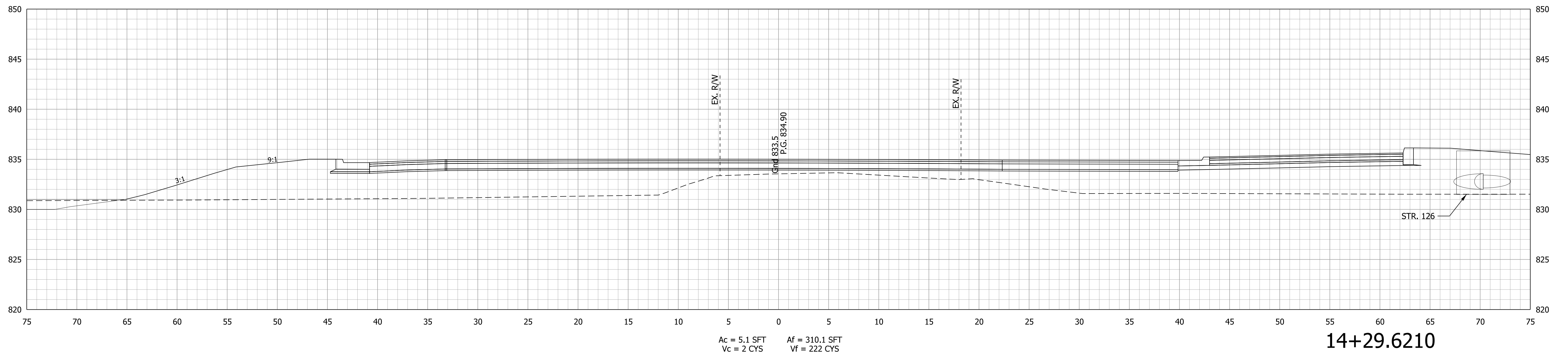
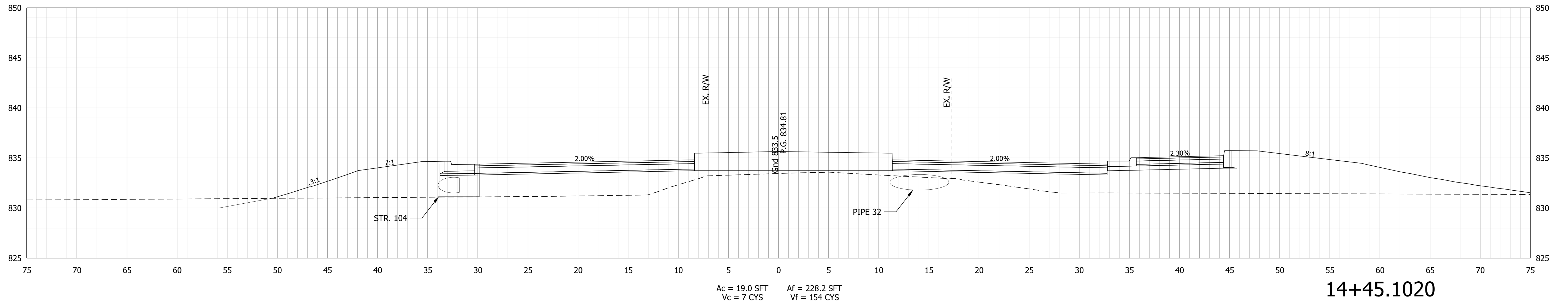


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTION
LINE "PR-S-1-E"

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 61 of 65
CONTRACT R-43476	PROJECT 2000161

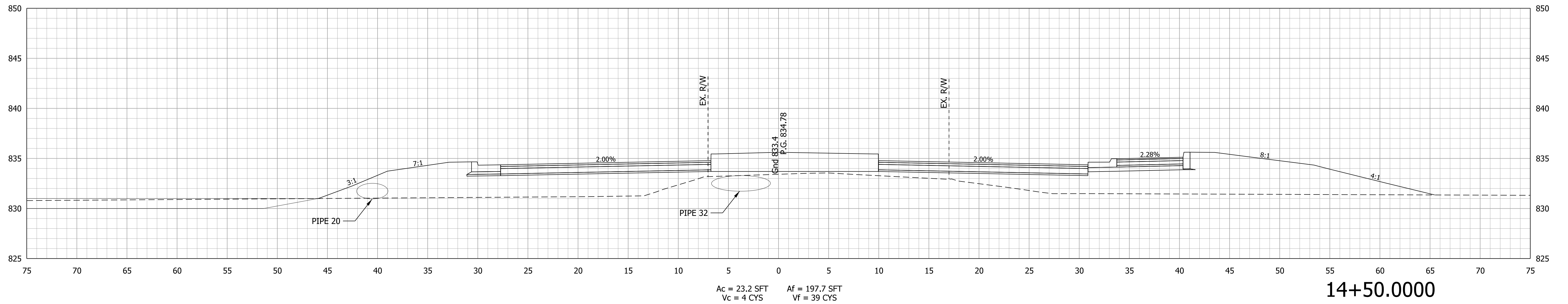
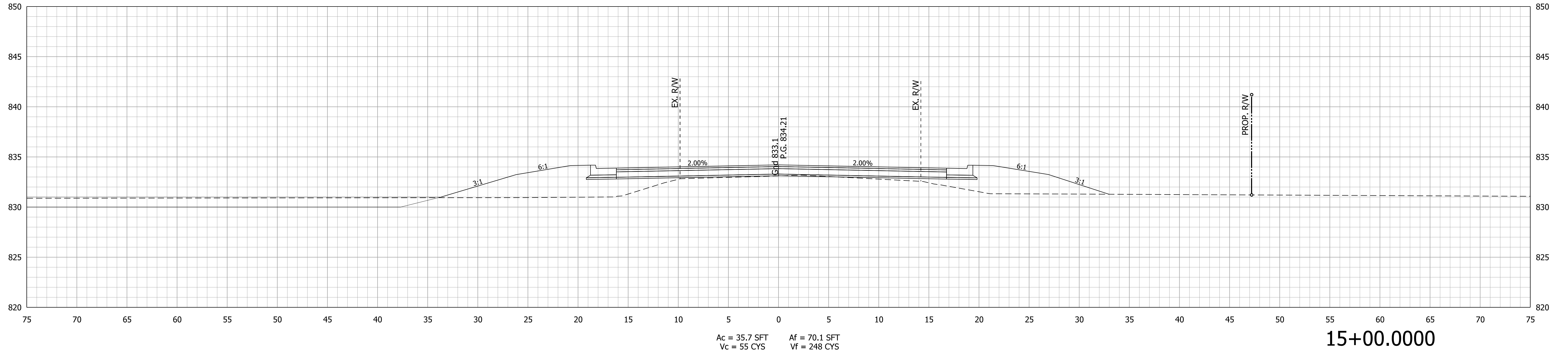


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTION
LINE "PR-S-1-E"

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 62 of 65
CONTRACT R-43476	PROJECT 2000161

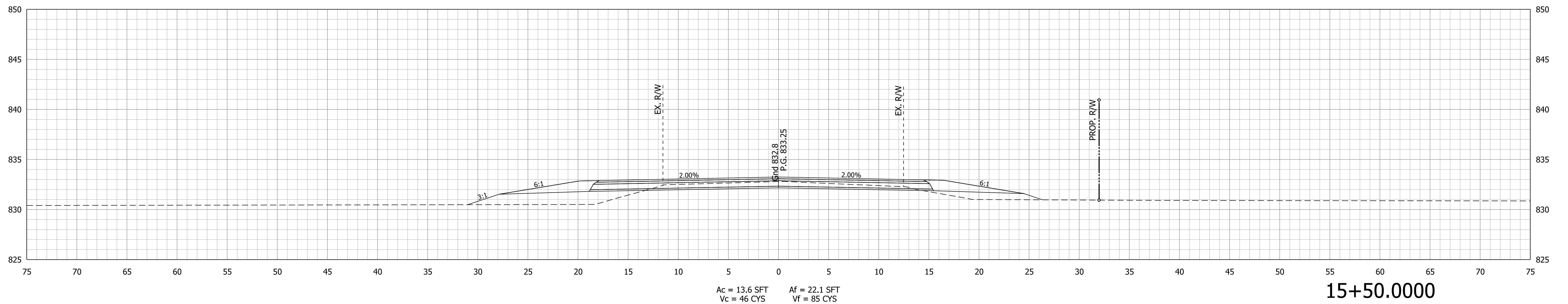
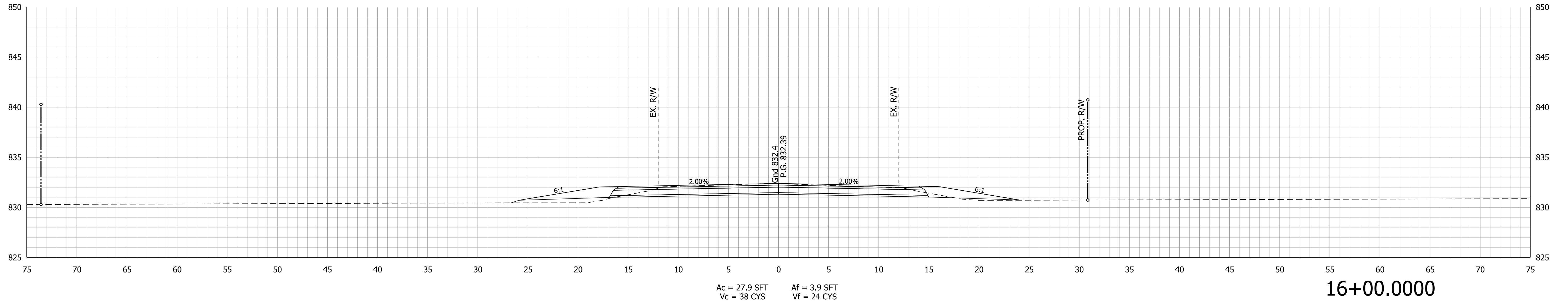


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____
DESIGNED: MRW	DRAWN: MRW
CHECKED: WRC	CHECKED: WRC

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION
LINE "PR-S-1-E"**

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 63 of 65
CONTRACT R-43476	PROJECT 2000161

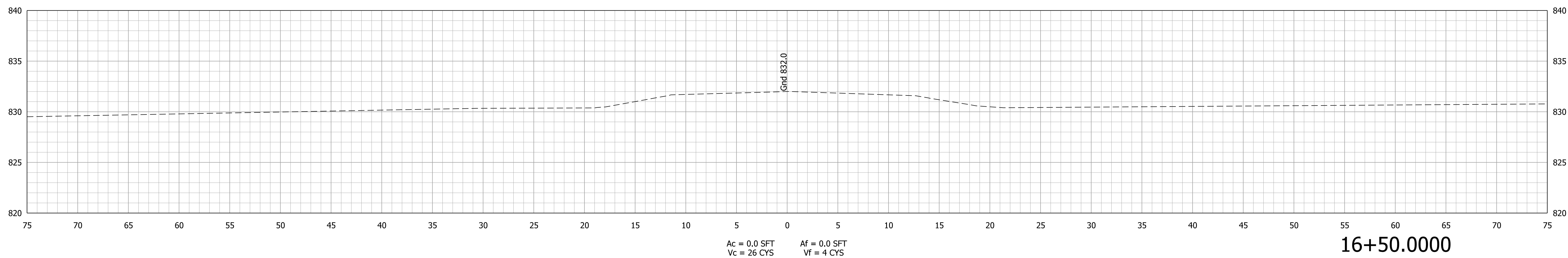


RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	DESIGNED: <u>MRW</u> DRAWN: <u>MRW</u> CHECKED: <u>WRC</u> CHECKED: <u>WRC</u>
--	---

INDIANA
DEPARTMENT OF TRANSPORTATION

**CROSS SECTION
LINE "PR-S-1-E"**

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 64 of 65
CONTRACT R-43476	PROJECT 2000161



RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: MRW	DRAWN: MRW	
CHECKED: WRC	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTION
LINE "PR-S-1-E"

HORIZONTAL SCALE 1"=5'	BRIDGE FILE
VERTICAL SCALE 1"=5'	DESIGNATION 2000161
SURVEY BOOK	SHEETS 65 of 65
CONTRACT R-43476	PROJECT 2000161