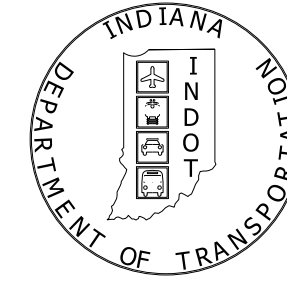


PROJECT	DESIGNATION
1601982	1601982
CONTRACT	BRIDGE FILE
R-39288	

KIN PROJECT INFORMATION	
DESIGNATION	PROJECT DESCRIPTION
1601982	SR 47, ROAD RECONSTRUCTION (LEAD)
1592544	SR 38, ROAD REHABILITATION
2000816	SR 38 & SR 47 INTERSECTION IMPROVEMENT

INDIANA DEPARTMENT OF TRANSPORTATION



ROAD PLANS

ROUTE: S.R. 47 FROM: RP 62+58 TO: RP 64+22
 PROJECT NO. 1601982 P.E. 1601982 R/W 1601982 CONST. 1601982

***Cross section sheets removed due to file size**

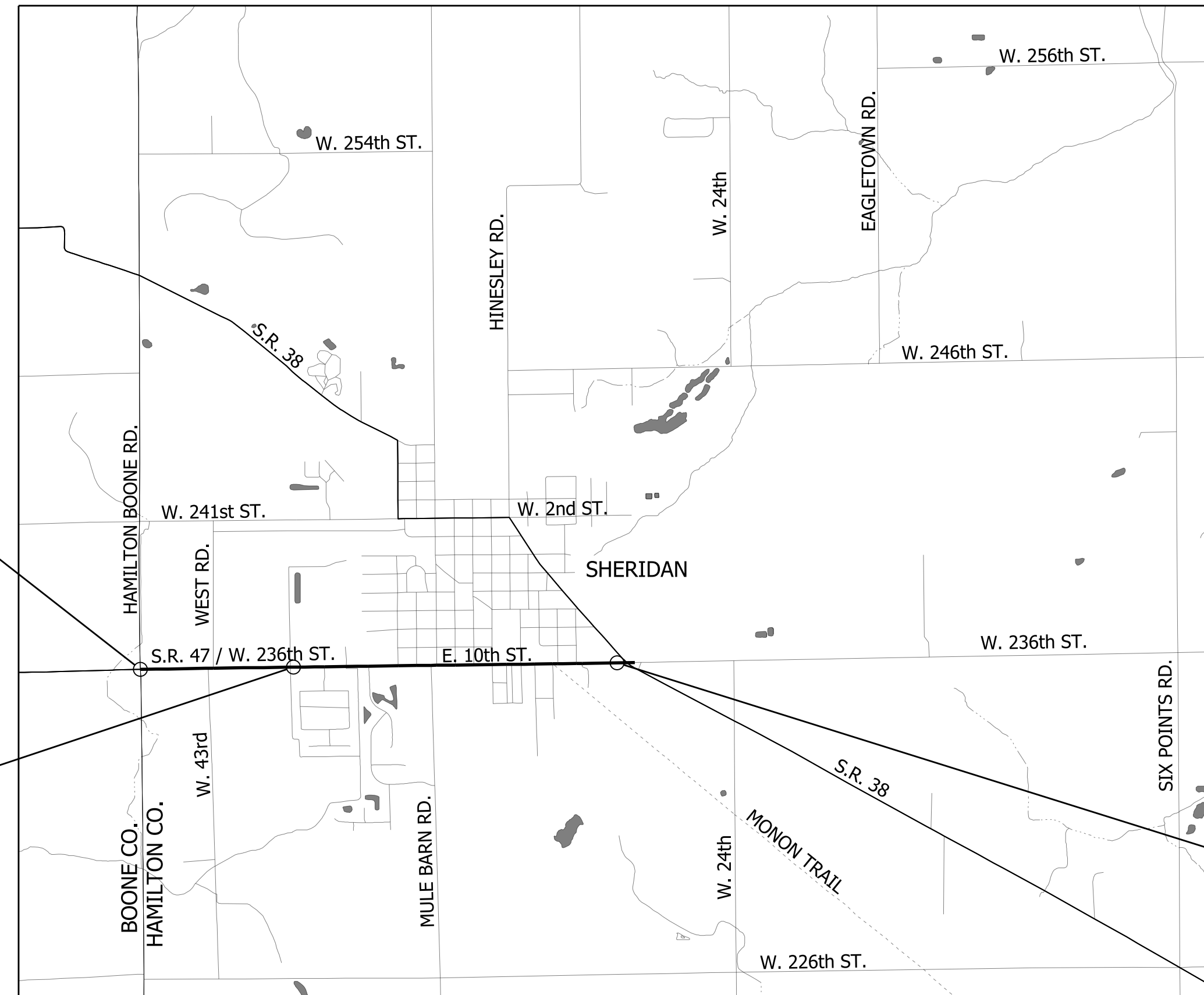
TRAFFIC DATA		
SR 47		
	POB to Sheridan Limits	Sheridan Limits to POE
AADT (2023)	5,039 V.P.D.	8,269 V.P.D.
AADT (2045)	6,379 V.P.D.	11,215 V.P.D.
DHV (2045)	574 V.P.H.	1,122 V.P.H.
Directional Distribution	51.4%	50.5%
Trucks	24.0 % D.H.V.	14.9 % D.H.V.
	25.0 % A.A.D.T.	14.8 % A.A.D.T.

DESIGN DATA		
Design Speed	55 - 30 M.P.H.	30 M.P.H.
Project Design Criteria	Partial 3R (Non-Freeway)	4R - Reconstruction (Non-Freeway)
Functional Classification	State Collector	State Collector
Rural/Urban	Rural	Urban (Suburban)
Terrain	Level	Level
Access Control	None	None

TRAFFIC DATA		Mule Barn Road
AADT (2019)		1,450 V.P.D.
AADT (2041)		1,769 V.P.D.
DHV (2041)		N/A
Directional Distribution		N/A
Trucks		N/A
		N/A

DESIGN DATA	
Design Speed	30 M.P.H.
Project Design Criteria	4R - Reconstruction (Non-Freeway)
Functional Classification	State Collector
Rural/Urban	Urban (Suburban)
Terrain	Level
Access Control	None

PAVEMENT REHABILITATION AND PAVEMENT RECONSTRUCTION ON SR 47 FROM THE BOONE/HAMILTON COUNTY LINE TO APPROXIMATELY 450' WEST OF SR 38, IN SECTIONS 5 & 6, T-19-N, R-3-E AND SECTIONS 31 & 32, T-20-N, R-3-E, ADAMS TOWNSHIP, HAMILTON COUNTY, INDIANA.

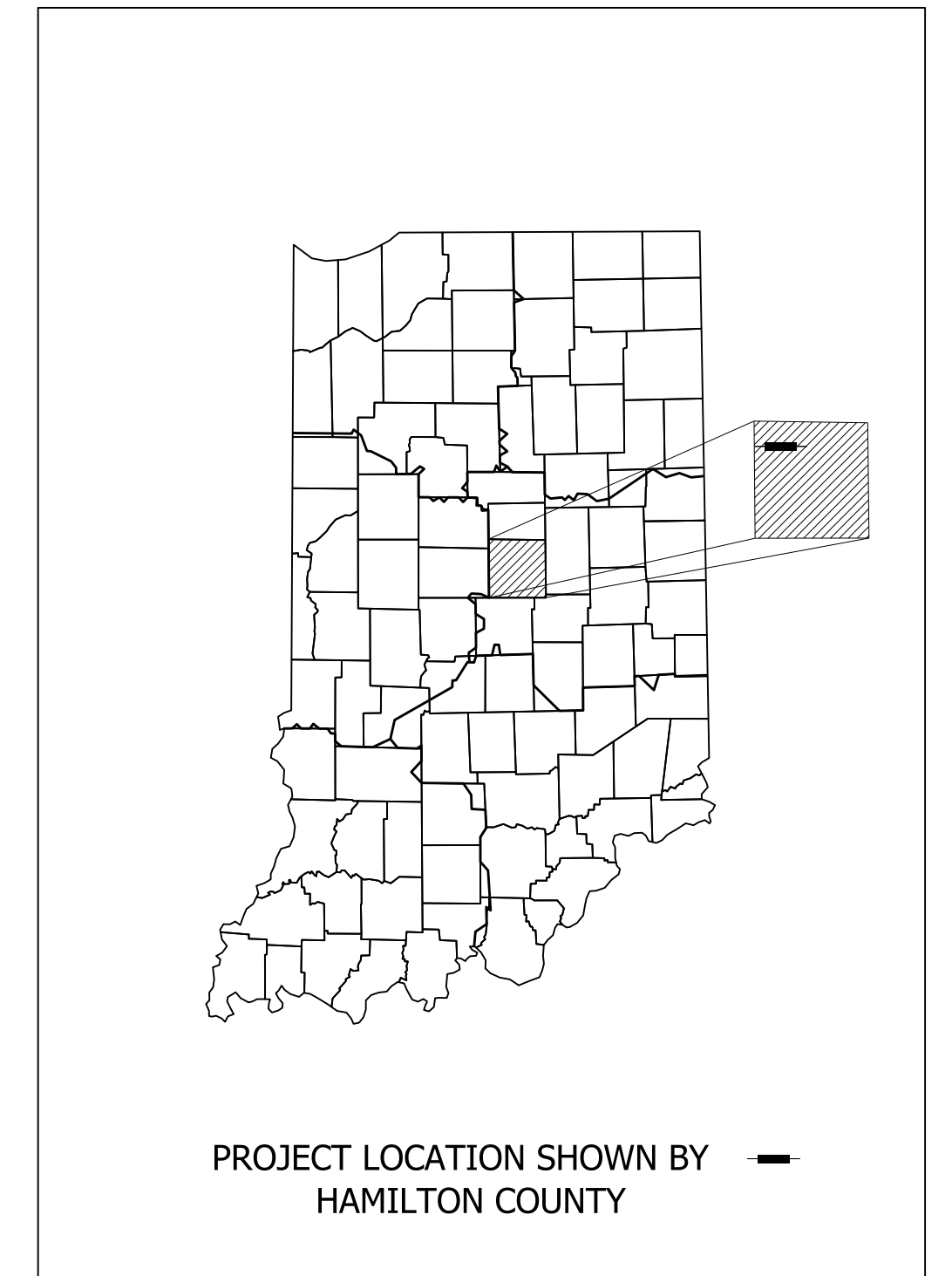


SCALE:
1" = 2000'

BEGIN PROJECT NO. 1601982
 BEGIN PREVENTATIVE MAINTENANCE
 STA. 16+59.00 "A"

END PREVENTATIVE MAINTENANCE
 BEGIN PAVEMENT RECONSTRUCTION
 STA. 44+00.00 "A"

END DES NO 1601982
 STA. 99+00.00 "A"



LATITUDE: 40° 07' 47" N LONGITUDE: 86° 13' 24' W

H.U.C - 05120201120010 & 05120201080080

BRIDGE LENGTH:	0.0	MI.
ROADWAY LENGTH:	1.56	MI.
TOTAL LENGTH:	1.56	MI.
MAX. GRADE:	1.04%	%

INDIANA DEPARTMENT OF TRANSPORTATION
 STANDARD SPECIFICATIONS DATED 2022
 TO BE USED WITH THESE PLANS

LOCATION MAP
 HAMILTON COUNTY



Michael Baker International
 3925 River Crossing Parkway, Suite 20
 Indianapolis, IN 46240
 Tel: 317-663-8430 Fax: 317-663-8410
 www.mbakerial.com

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

BRIDGE FILE	
DESIGNATION	
1601982	
SHEETS	
1	of 196
PROJECT	
R-39288	
1601982	

UTILITIES	
<p>AT&T INDIANA (TELEPHONE) 116 E. TAYLOR ST. KOKOMO, IN 46901 ATTN: CURT MILLER 765-454-4054 cm5432@att.com</p>	<p>INDIANA AMERICAN WATER (WATER & SEWER) 153 N. EMERSON AVE. GREENWOOD, IN 46143 ATTN: MICHAEL SEALS 317-885-2444 michael.seals@amwater.com</p>
<p>CROWN CASTLE FIBER 300 MERIDIAN CENTER ROCHESTER, NY 14618 ATTN: CRAIG BROWN 585-402-8342 craig.brown@crowncastle.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>DUKE ENERGY (ELECTRIC) 100 S. MILL CREEK RD. NOBLESVILLE, IN 46062 ATTN: CINDY ROWLAND 317-776-5341 dei-dline-coord@duke-energy</p>	<p>VECTREN ENERGY DELIVERY (GAS) 16000 ALLISONVILLE RD NOBLESVILLE, IN 46061 ATTN: SHAWN WILLIAMS 317-776-5574 shawn.williams@centerpointenergy.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
3-7	TYPICAL CROSS SECTIONS
8	MISCELLANEOUS DETAILS
9-13	PLAT NO. 1
14	SURVEY CONTROL
15-21	MAINTENANCE OF TRAFFIC
22	PEDESTRIAN DETOURS
23-33	PLAN & PROFILE
34-48	CONSTRUCTION DETAILS
49	MISCELLANEOUS DRAINAGE DETAILS
50-61	CURB RAMP DETAILS
62-76	PAVEMENT MARKINGS AND SIGNING
77-79	SIGN DETAILS
80-81	SIGN SUMMARY TABLE
82-96	TEMPORARY EROSION CONTROL DETAILS
97	TEMPORARY EROSION CONTROL TABLE
98-103	APPROACH TABLE
104	PAVEMENT MARKINGS TABLE
105	MISCELLANEOUS TABLES
106-110	STRUCTURE DATA TABLE
111	PIPE MATERIAL TABLE
112-117	UNDERDRAIN TABLE
118-196	CROSS SECTIONS

REVISIONS		
SHEET NO.	DATE	REVISED

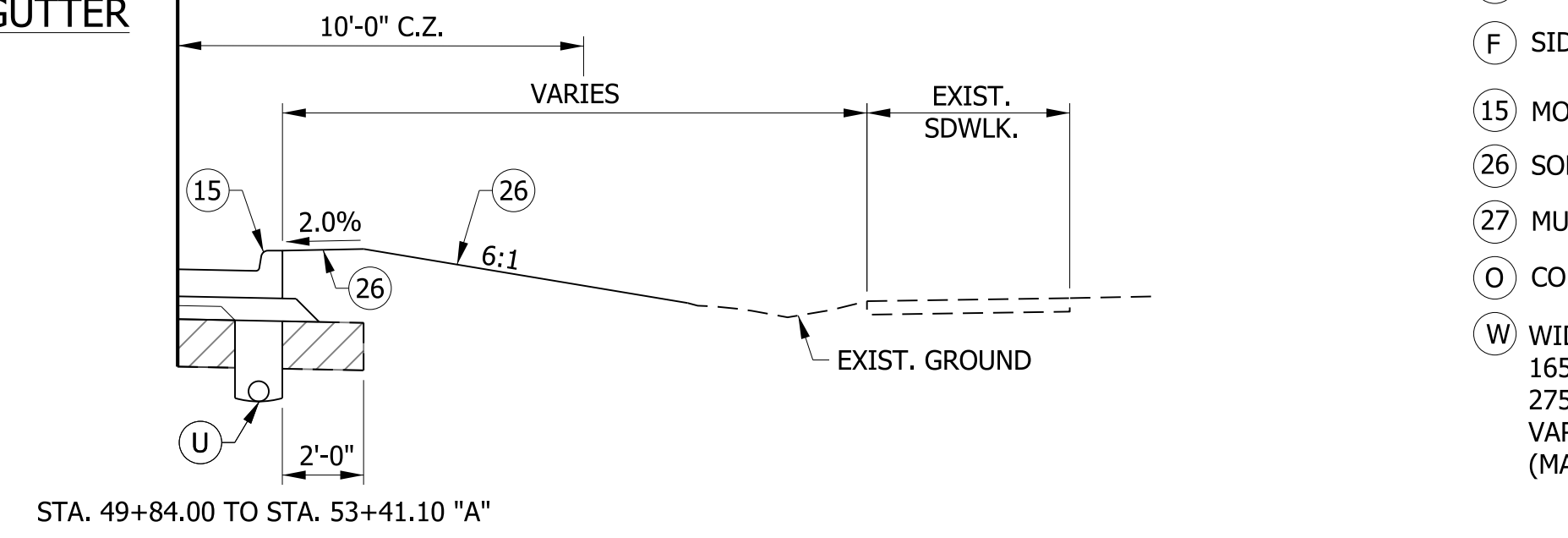
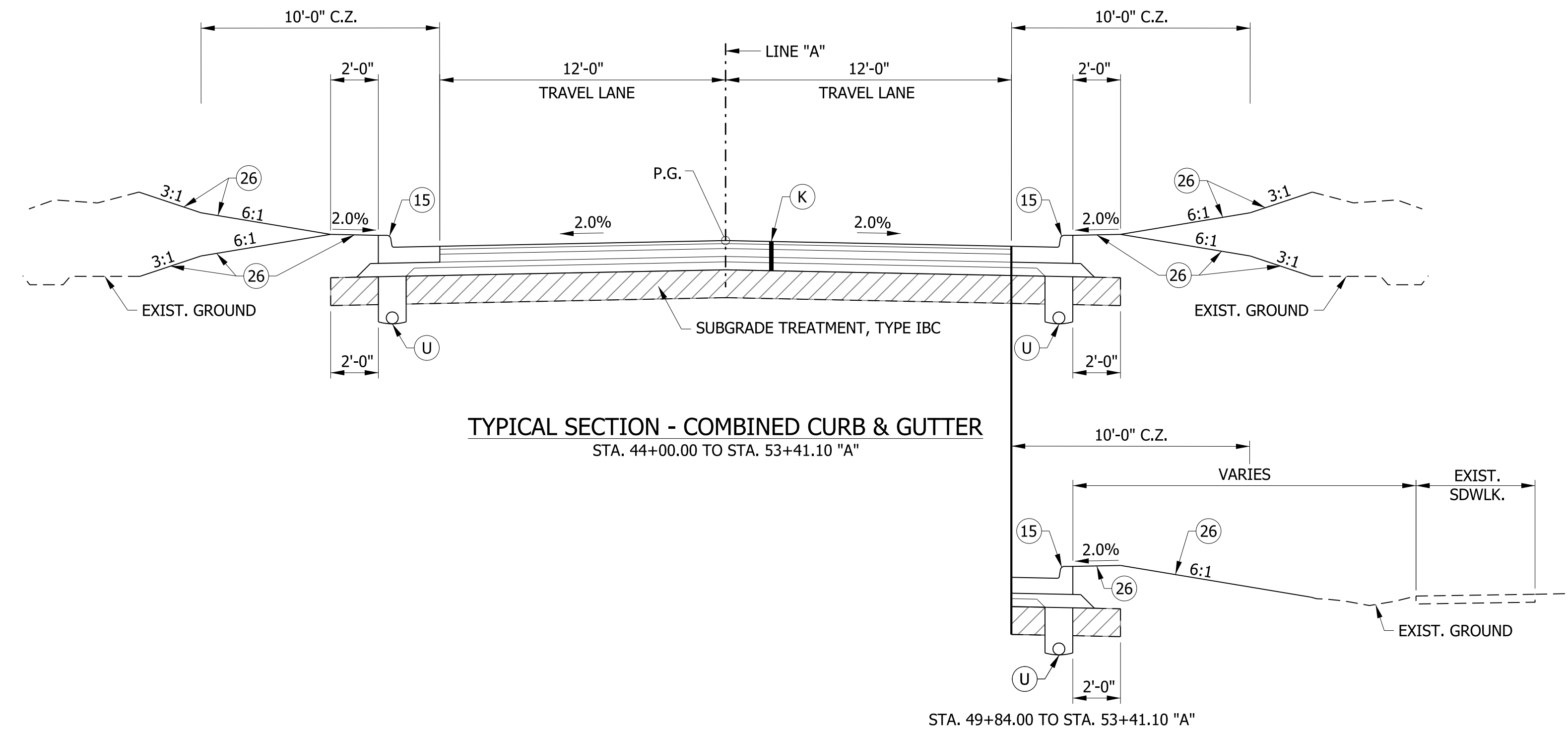
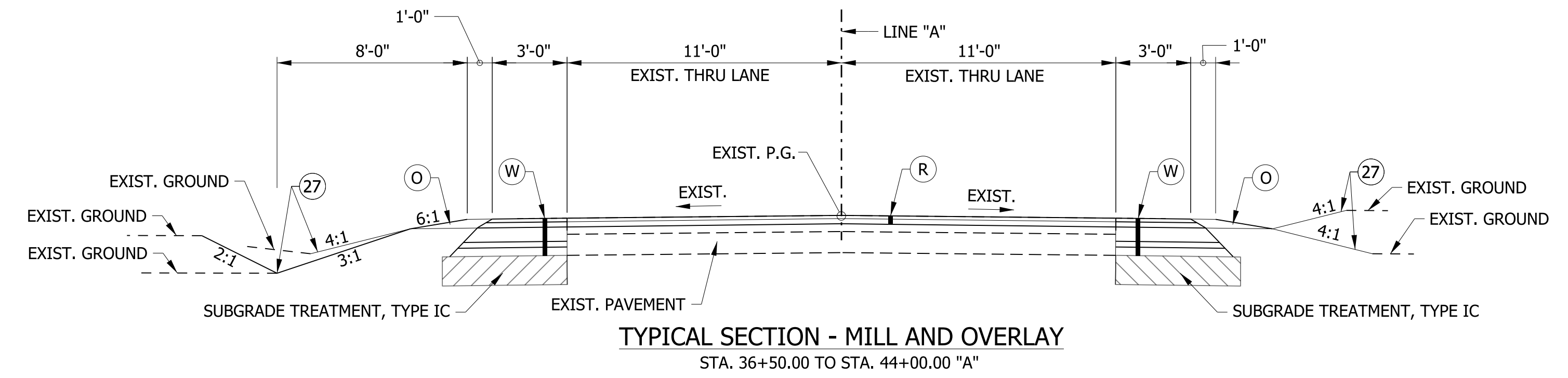
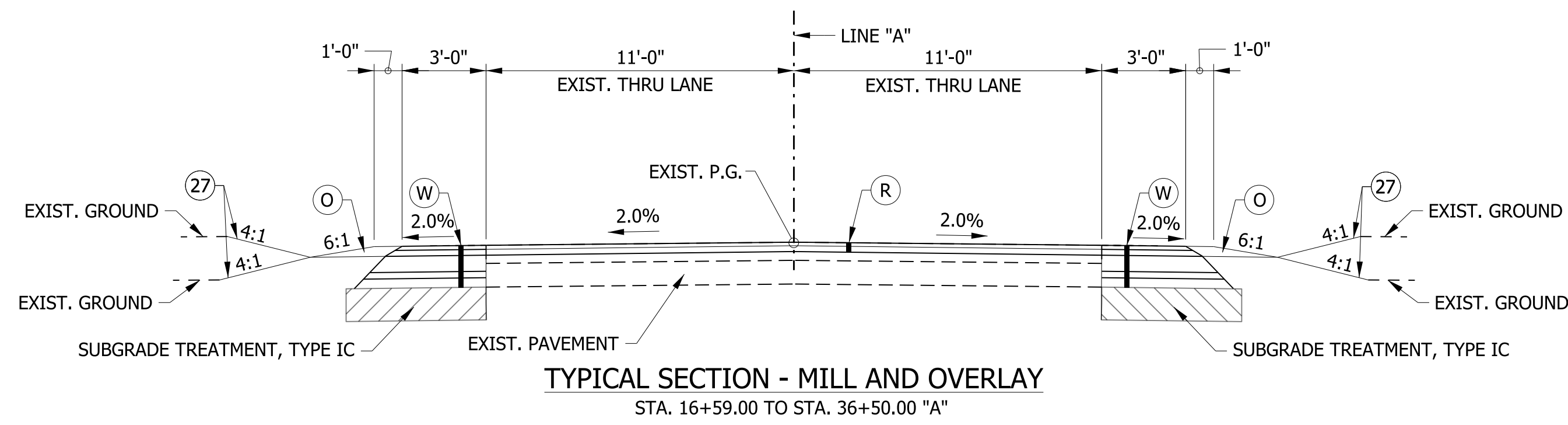
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RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ TAB _____	DRAWN: _____ JEC _____	
CHECKED: _____ LDW _____	CHECKED: _____ TAB _____	

INDIANA DEPARTMENT OF TRANSPORTATION

INDEX AND GENERAL NOTES

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1601982
SURVEY BOOK	SHEETS
	2 of 196
CONTRACT	PROJECT
R-39288	1601982



- LEGEND**
- (K) HMA, FULL DEPTH RECONSTRUCTION:
165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM, ON
275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19 MM, ON
770 LB/SYD QC/QA HMA, 3, 64 BASE, 19 MM, ON (TWO LIFTS)
250 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON
4 IN. COMPACTED AGGREGATE, NO. 53, ON
GEOTEXTILE FOR PAVEMENT, TYPE 2A
 - (R) HMA, MILL AND OVERLAY:
MILLING, ASPHALT, 4 IN.
165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM
275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19.0 MM
 - (U) UNDERDRAIN, TYPE 4, 6"
 - (F) SIDEWALK, CONCRETE, 4"
 - (15) MOD. COMBINED CONCRETE CURB & GUTTER
 - (26) SODDING, NURSERY
 - (27) MULCHED SEEDING R
 - (O) COMPACTED AGGREGATE NO. 53 (AS DIRECTED)
 - (W) WIDENING WITH HMA, TYPE C:
165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM, ON
275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19 MM, ON
VARIABLE DEPTH (880-1100 LB/SYD) HMA BACE, TYPE C
(MATCH EXIST. PAVEMENT)

² VARIES FROM 0' AT STA. 53+41.10 TO 12' AT STA. 54+41.10
12' FROM STA. 54+41.10 TO STA. 57+75.00
VARIES FROM 12' AT STA. 57+75.00 TO 0' AT STA. 58+75.00

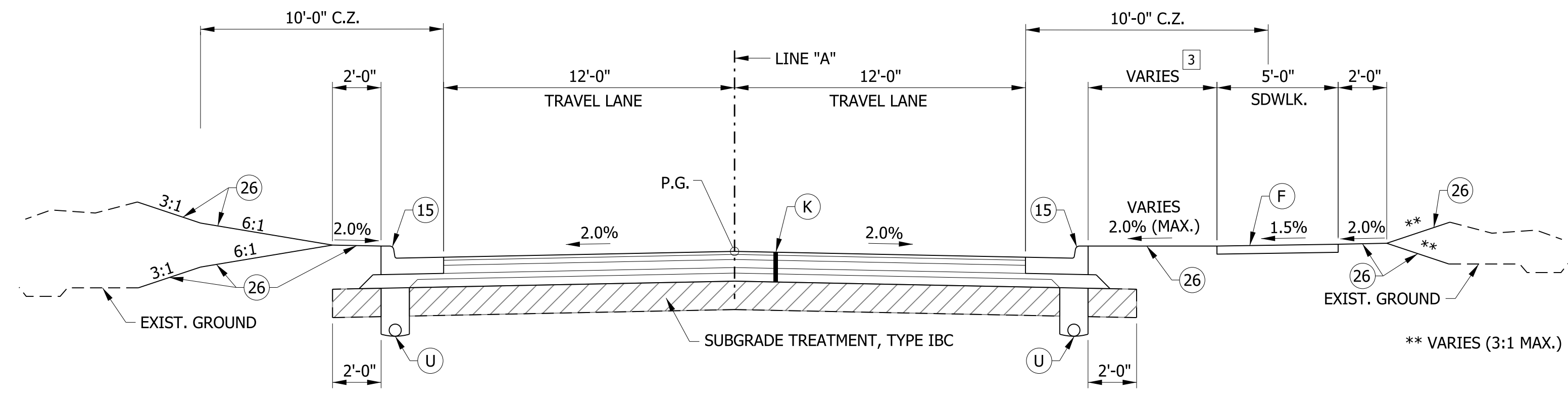
³ EXISTING SIDEWALK FROM STA. 53+41.10 TO STA. 53+65.58
BEGIN PROPOSED SIDEWALK STA. 53+65.58

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

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
LINE "A" - HMA ALTERNATE

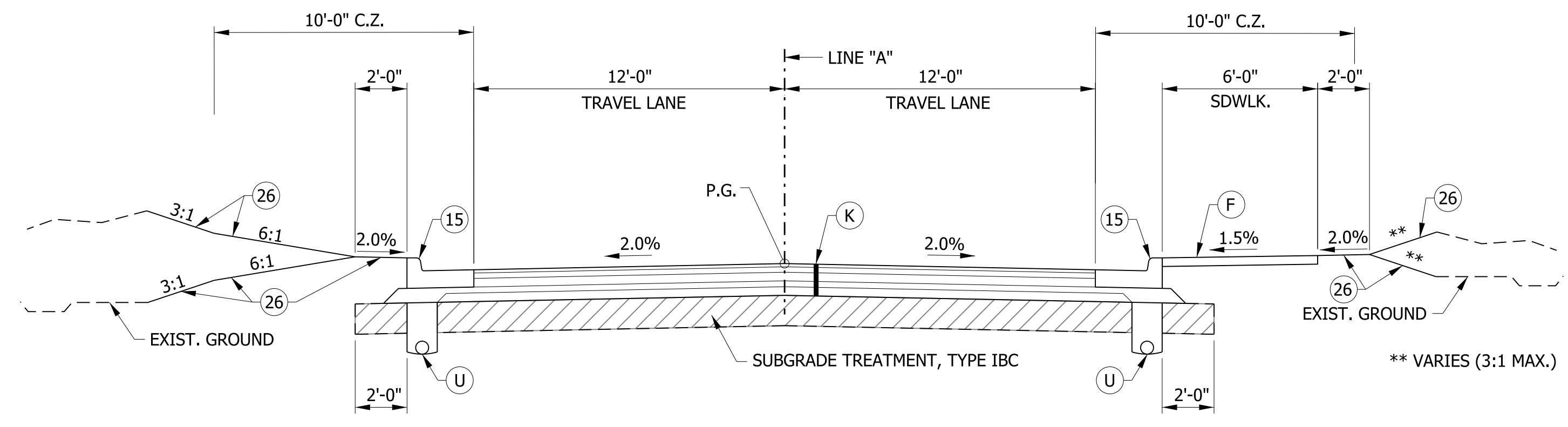
HORIZONTAL SCALE 1/4" = 1'-0"	BRIDGE FILE
VERTICAL SCALE 1/4" = 1'-0"	DESIGNATION 1601982
SURVEY BOOK	SHEETS
	3 of 196
CONTRACT R-39288	PROJECT 1601982



TYPICAL SECTION - COMBINED CURB & GUTTER W/ SIDEWALK
STA. 58+75.00 TO STA. 68+22.09 "A"

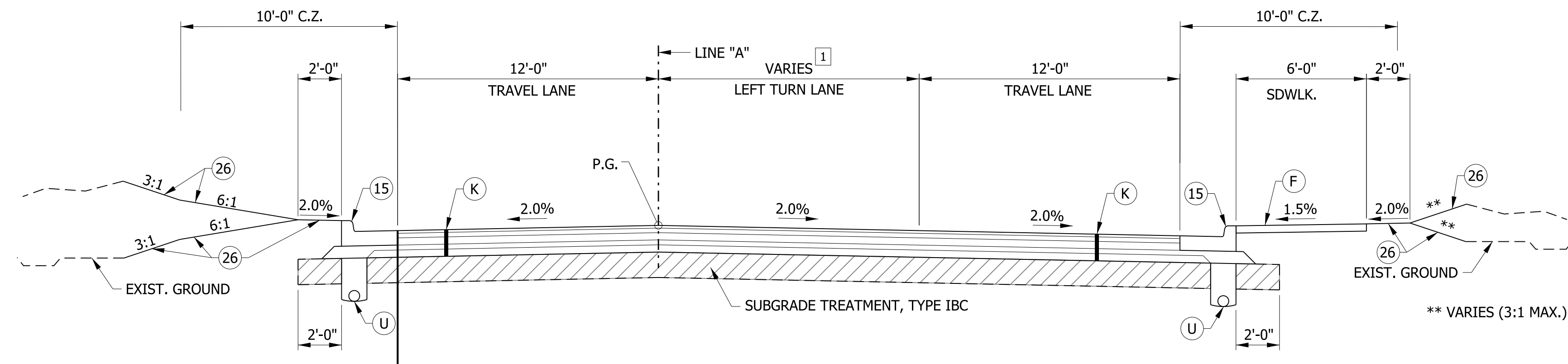
3 8' FROM STA. 59+35.50 TO STA. 66+27.51
VARIES FROM 8' AT STA. 66+27.51 TO 0' AT STA. 68+22.09

- LEGEND**
- (K) HMA, FULL DEPTH RECONSTRUCTION:
165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM, ON
275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19 MM, ON
770 LB/SYD QC/QA HMA, 3, 64 BASE, 19 MM, ON
250 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON
4 IN. COMPACTED AGGREGATE, NO. 53, ON
GEOTEXTILE FOR PAVEMENT, TYPE 2A
 - (R) HMA, MILL AND OVERLAY:
MILLING, ASPHALT, 4 IN.
165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM
275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19.0 MM
 - (U) UNDERDRAIN, TYPE 4, 6"
 - (F) SIDEWALK, CONCRETE, 4"
 - (15) MOD. COMBINED CONCRETE CURB & GUTTER
 - (26) SODDING, NURSERY



TYPICAL SECTION - COMBINED CURB & GUTTER W/ SIDEWALK
STA. 68+22.09 TO STA. 72+63.41 "A"
STA. 78+70.00 TO STA. 99+00.00 "A"

1 VARIES FROM 0' AT STA. 72+63.41 TO 12' AT STA. 75+03.57
12' FROM STA. 75+03.57 TO STA. 76+30.00
VARIES FROM 12' AT STA. 76+30.00 TO 0' AT STA. 78+70.00



TYPICAL SECTION - COMBINED CURB & GUTTER W/ SIDEWALK AND LEFT TURN LANE
STA. 72+63.41 TO STA. 78+70.00 "A"

1 VARIES FROM 0' AT STA. 72+63.41 TO 12' AT STA. 75+03.57
12' FROM STA. 75+03.57 TO STA. 76+30.00
VARIES FROM 12' AT STA. 76+30.00 TO 0' AT STA. 78+70.00

4 EQUALS 4:1 FROM STA. 64+10.00 TO STA. 66+20.00 "A"
EQUALS 6:1 FROM STA. 67+50.00 TO STA. 67+75.00 "A"
EQUALS 6:1 FROM STA. 73+15.00 TO STA. 73+28.00 "A"
EQUALS 4:1 FROM STA. 76+30.00 TO STA. 77+75.00 "A"

STA. 64+10.00 TO STA. 66+20.00 "A"
STA. 67+50.00 TO STA. 67+75.00 "A"
STA. 73+15.00 TO STA. 73+28.00 "A"
STA. 76+30.00 TO STA. 77+75.00 "A"

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

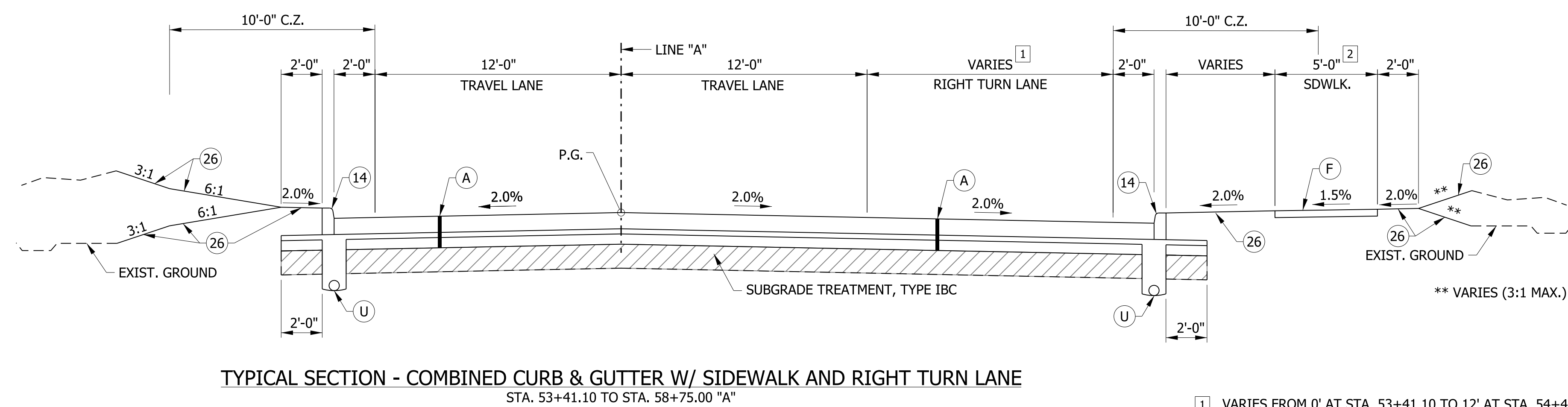
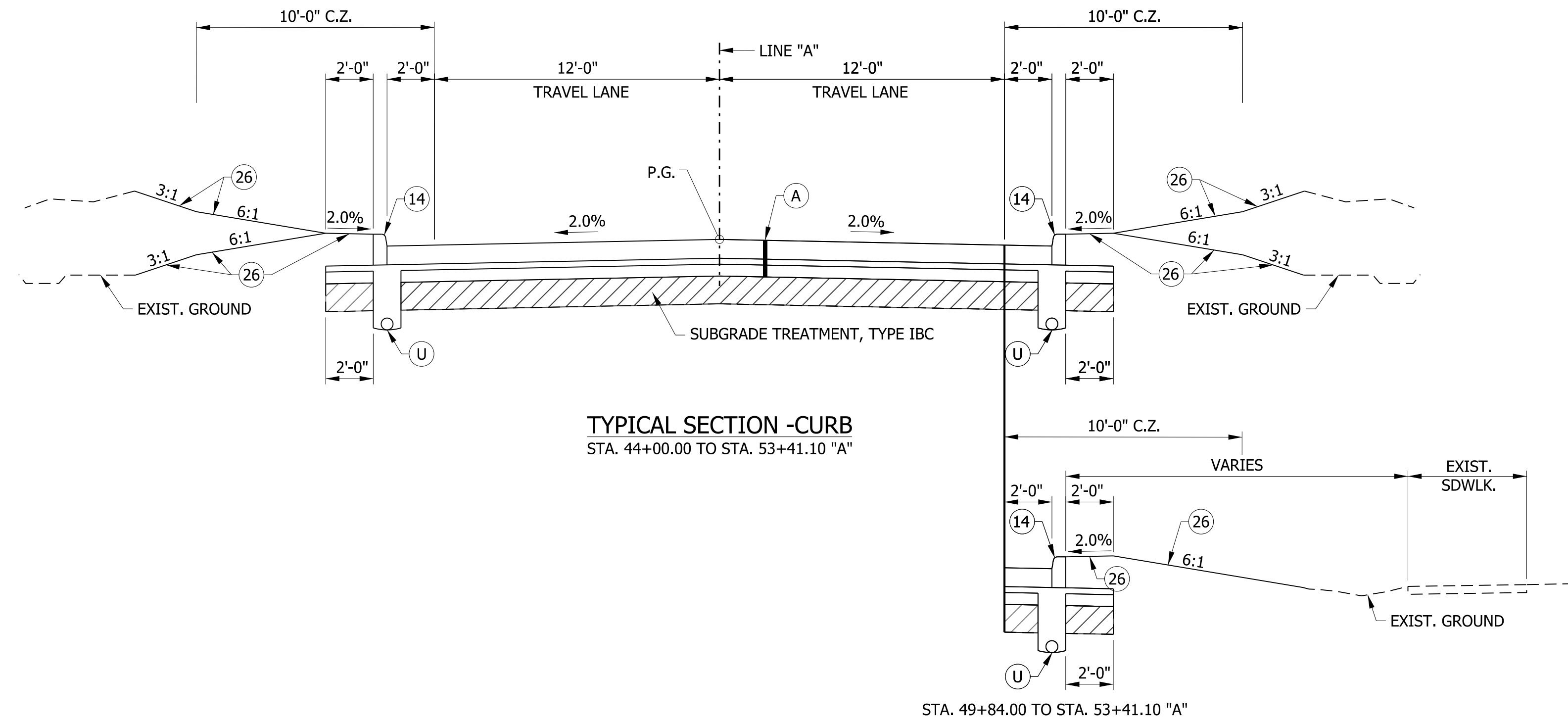
INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
LINE "A" - HMA ALTERNATE

HORIZONTAL SCALE 1/4" = 1'-0"	BRIDGE FILE
VERTICAL SCALE 1/4" = 1'-0"	DESIGNATION 1601982
SURVEY BOOK	SHEETS
	4 of 196
CONTRACT R-39288	PROJECT 1601982

LEGEND

- (A) QC/QA PCCP, 9.5 IN. (15' JOINT SPACING, 1.25" BARS @ 12" SPA.) ON SUBBASE FOR PCCP (3 IN. OF COARSE AGGREGATE, #8 ON 6 IN. OF COMPACTED AGGREGATE NO. 53)
- (U) UNDERDRAIN, TYPE 4, 6"
- (F) SIDEWALK, CONCRETE, 4"
- (14) INTEGRAL CONCRETE CURB
- (26) SODDING, NURSERY



- 1 VARIES FROM 0' AT STA. 53+41.10 TO 12' AT STA. 54+41.10
12' FROM STA. 54+41.10 TO STA. 57+21.10
VARIES FROM 12' AT STA. 57+21.10 TO 0' AT STA. 58+75.00
- 2 EXISTING SIDEWALK FROM STA. 53+41.10 TO STA. 53+65.58
BEGIN PROPOSED SIDEWALK STA. 53+65.58

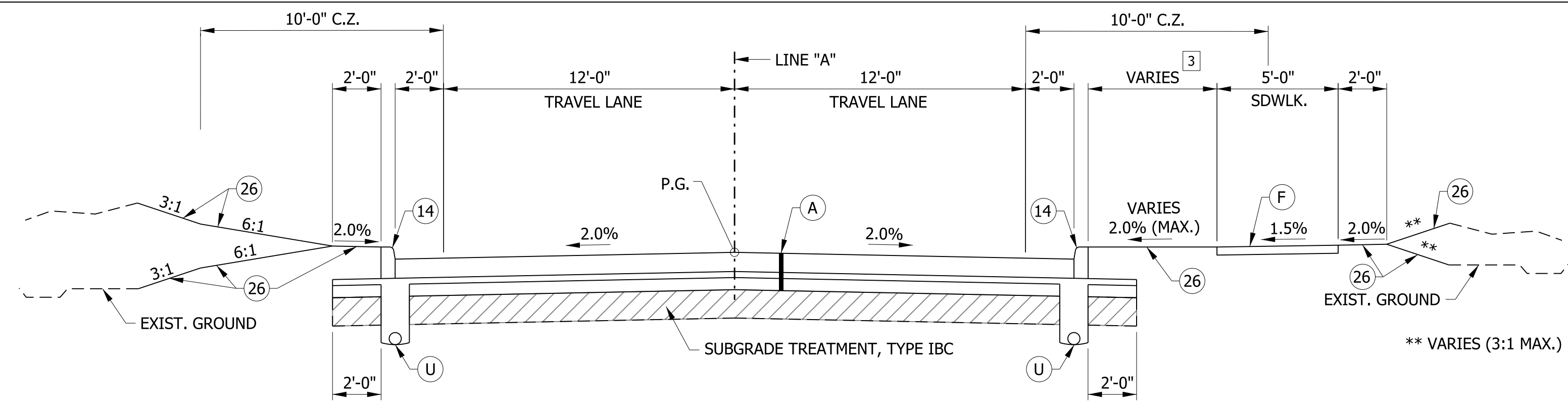
** VARIES (3:1 MAX.)

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

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
LINE "A" - PCCP ALTERNATE

HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	
VERTICAL SCALE	DESIGNATION
1/4" = 1'-0"	1601982
SURVEY BOOK	SHEETS
	5 of 196
CONTRACT	PROJECT
R-39288	1601982

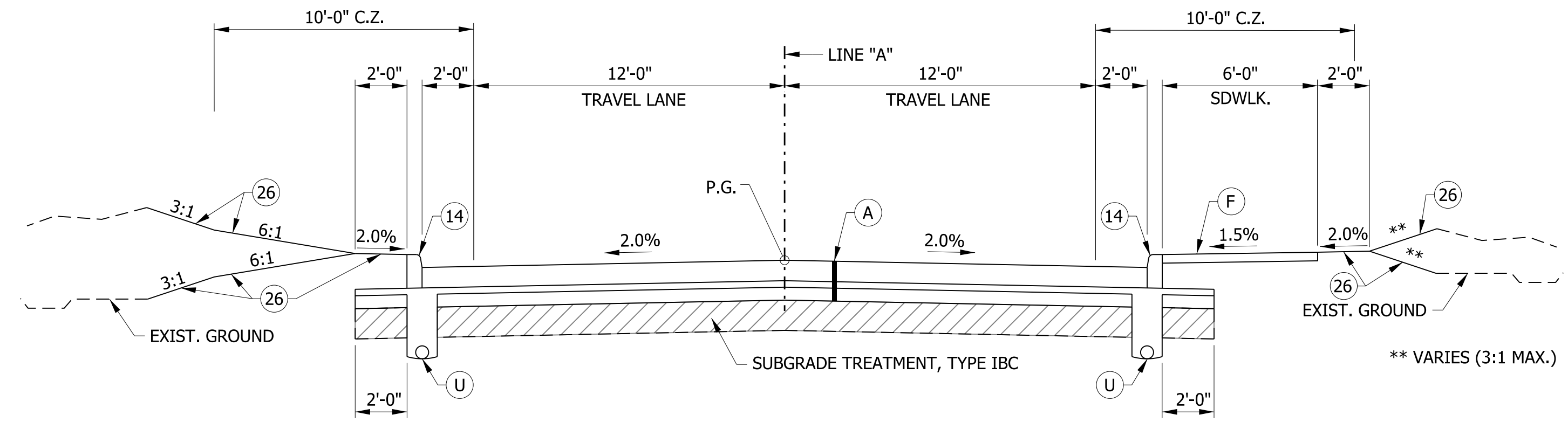


TYPICAL SECTION - CURB W/ SIDEWALK
STA. 58+75.00 TO STA. 68+22.09 "A"

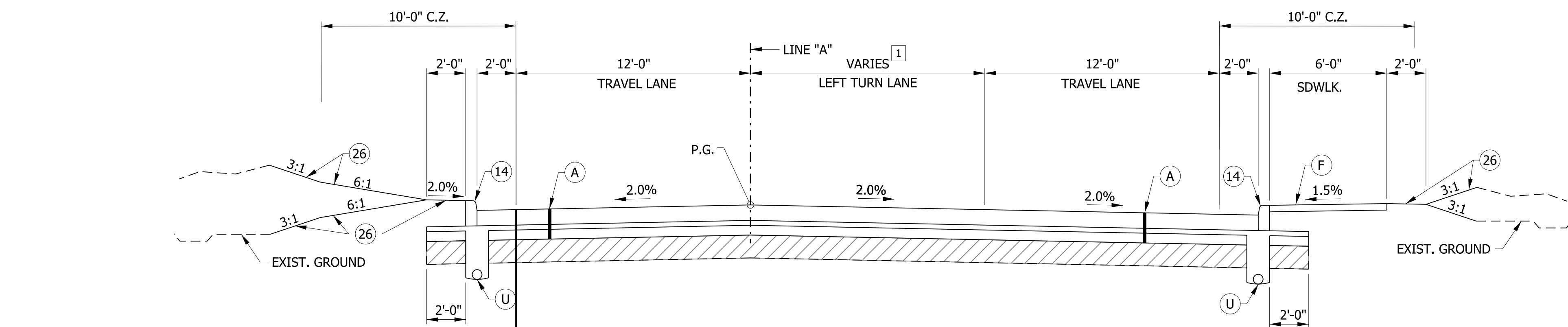
3 8' FROM STA. 59+35.50 TO STA. 66+27.51
VARIES FROM 8' AT STA. 66+27.51 TO 0' AT STA. 68+22.09

LEGEND

- (A) QC/QA PCCP, 9.5 IN. (15' JOINT SPACING, 1.25" BARS @ 12" SPA.) ON SUBBASE FOR PCCP (3 IN. OF COARSE AGGREGATE, #8 ON 6 IN. OF COMPACTED AGGREGATE NO. 53)
- (U) UNDERDRAIN, TYPE 4, 6"
- (F) SIDEWALK, CONCRETE, 4"
- (14) INTEGRAL CONCRETE CURB
- (26) SODDING, NURSERY



TYPICAL SECTION - CURB W/ SIDEWALK
STA. 68+22.09 TO STA. 72+63.41 "A"
STA. 78+70.00 TO STA. 99+00.00 "A"



TYPICAL SECTION - CURB W/ SIDEWALK AND LEFT TURN LANE
STA. 72+63.41 TO STA. 78+70.00 "A"

1 VARIES FROM 0' AT STA. 72+63.41 TO 12' AT STA. 75+03.57
12' FROM STA. 75+03.57 TO STA. 76+30.00
VARIES FROM 12' AT STA. 76+30.00 TO 0' AT STA. 78+70.00

4 EQUALS 4:1 FROM STA. 64+10.00 TO STA. 66+20.00 "A"
EQUALS 6:1 FROM STA. 67+50.00 TO STA. 67+75.00 "A"
EQUALS 6:1 FROM STA. 73+15.00 TO STA. 73+28.00 "A"
EQUALS 4:1 FROM STA. 76+30.00 TO STA. 77+75.00 "A"

STA. 64+10.00 TO STA. 66+20.00 "A"
STA. 67+50.00 TO STA. 67+75.00 "A"
STA. 73+15.00 TO STA. 73+28.00 "A"
STA. 76+30.00 TO STA. 77+75.00 "A"

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

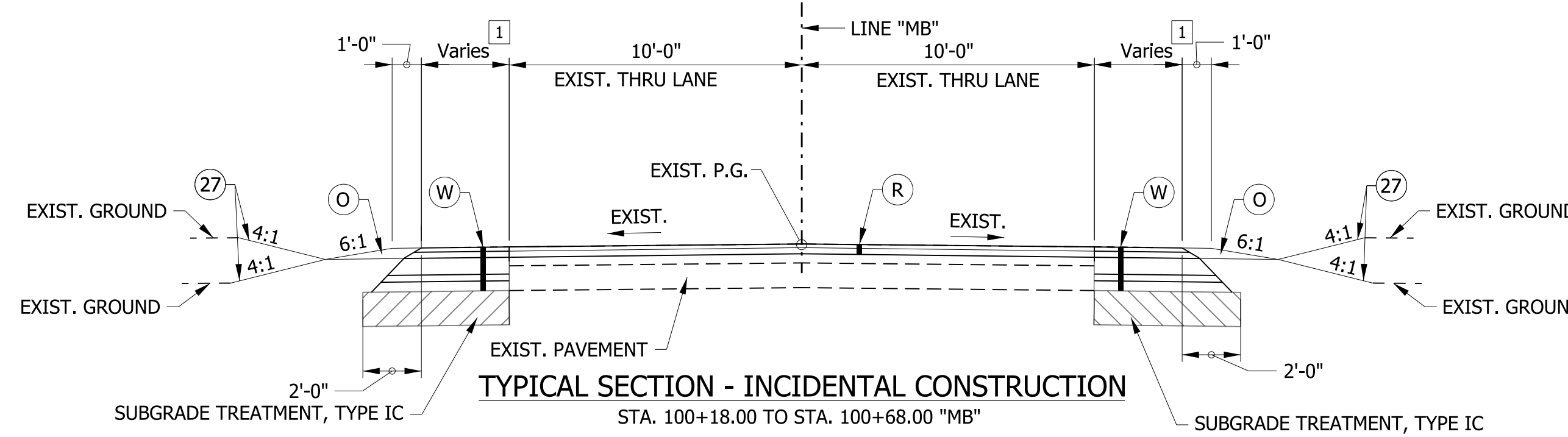
INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
LINE "A" - PCCP ALTERNATE

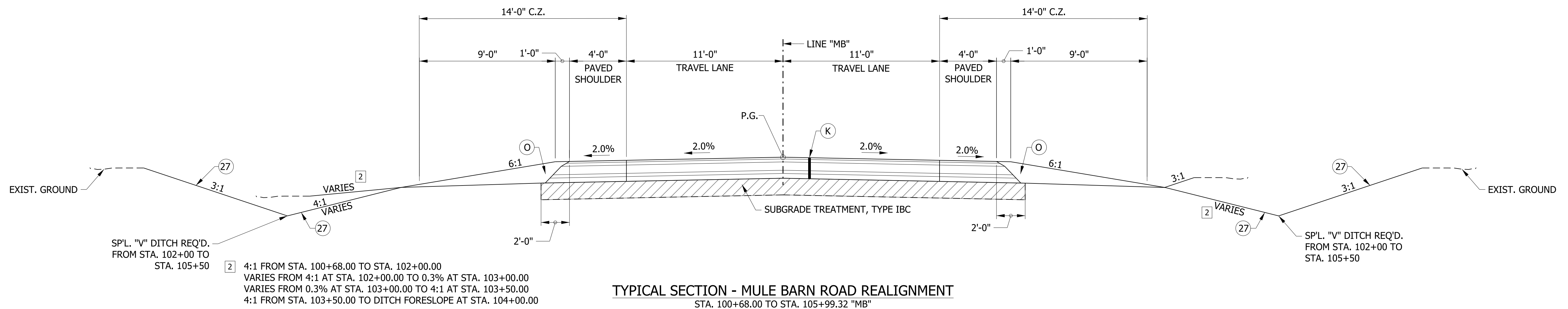
HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	
VERTICAL SCALE	DESIGNATION
1/4" = 1'-0"	1601982
SURVEY BOOK	SHEETS
	6 of 196
CONTRACT	PROJECT
R-39288	1601982

LEGEND

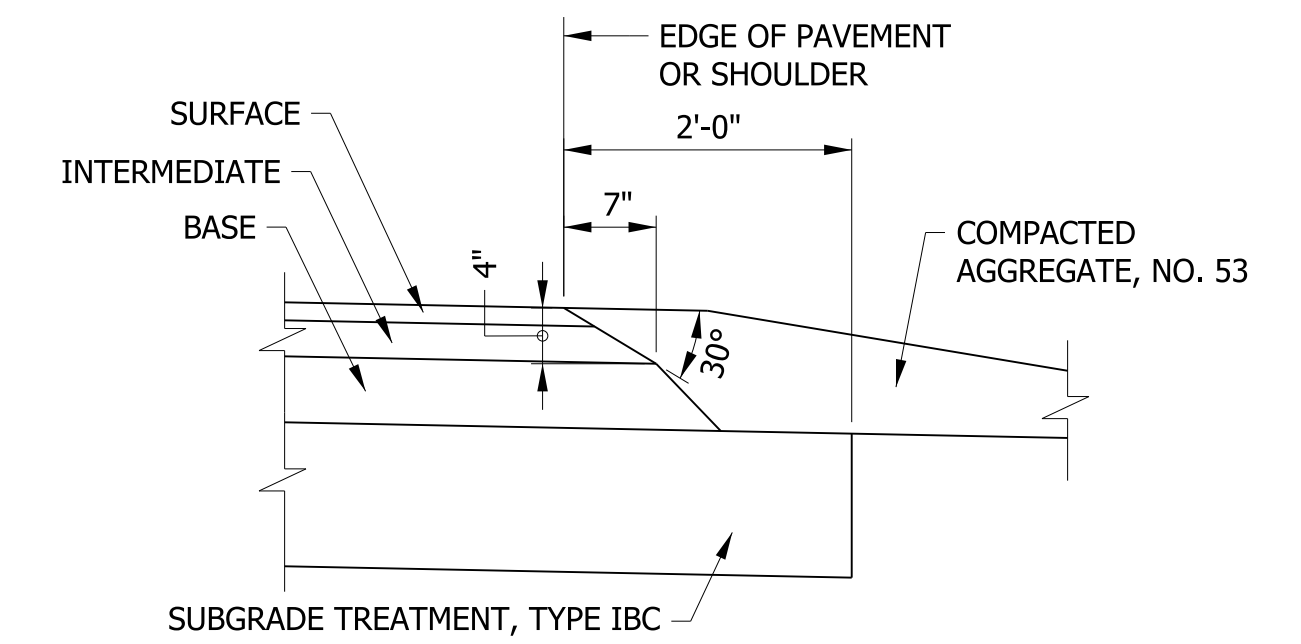
- (K) HMA, FULL DEPTH RECONSTRUCTION:
165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM, ON
275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19 MM, ON
770 LB/SYD QC/QA HMA, 3, 64 BASE, 19 MM, ON
250 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON
4 IN. COMPACTED AGGREGATE, NO. 53, ON
GEOTEXTILE FOR PAVEMENT, TYPE 2A
- (O) COMPACTED AGGREGATE NO. 53
- (27) MULCHED SEEDING, R
- (W) WIDENING WITH HMA, TYPE C:
165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM, ON
275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19 MM, ON
1100 LB/SYD HMA BASE, TYPE C
(MATCH EXIST. PAVEMENT)
- (R) HMA, MILL AND OVERLAY:
MILLING, ASPHALT, 4 IN.
165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM
275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19.0 MM



1 VARIES FROM 2' AT STA. 100+18.00 TO 4' AT STA. 100+68.00



2 4:1 FROM STA. 100+68.00 TO STA. 102+00.00
VARIES FROM 4:1 AT STA. 102+00.00 TO 0.3% AT STA. 103+00.00
VARIES FROM 0.3% AT STA. 103+00.00 TO 4:1 AT STA. 103+50.00
4:1 FROM STA. 103+50.00 TO DITCH FORESLOPE AT STA. 104+00.00



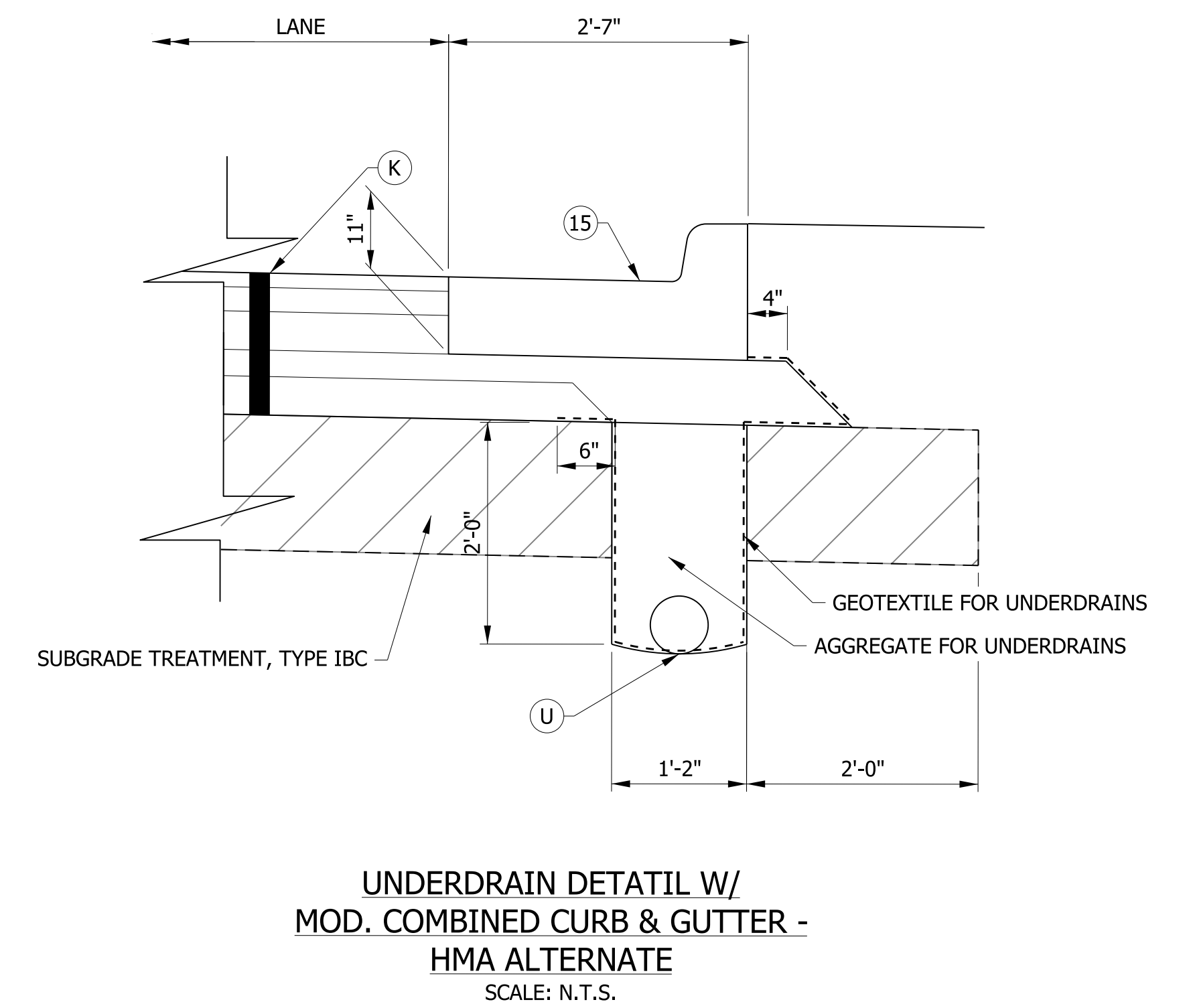
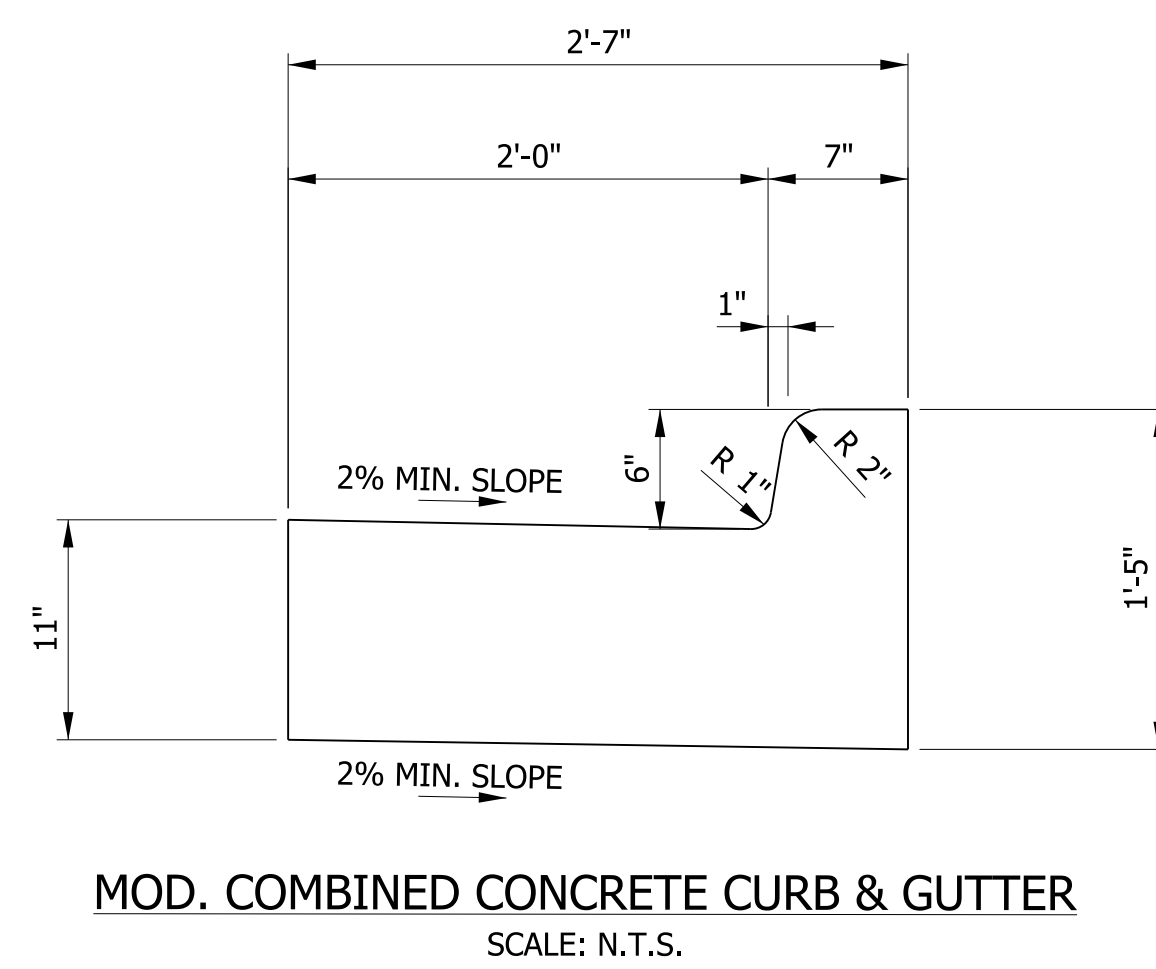
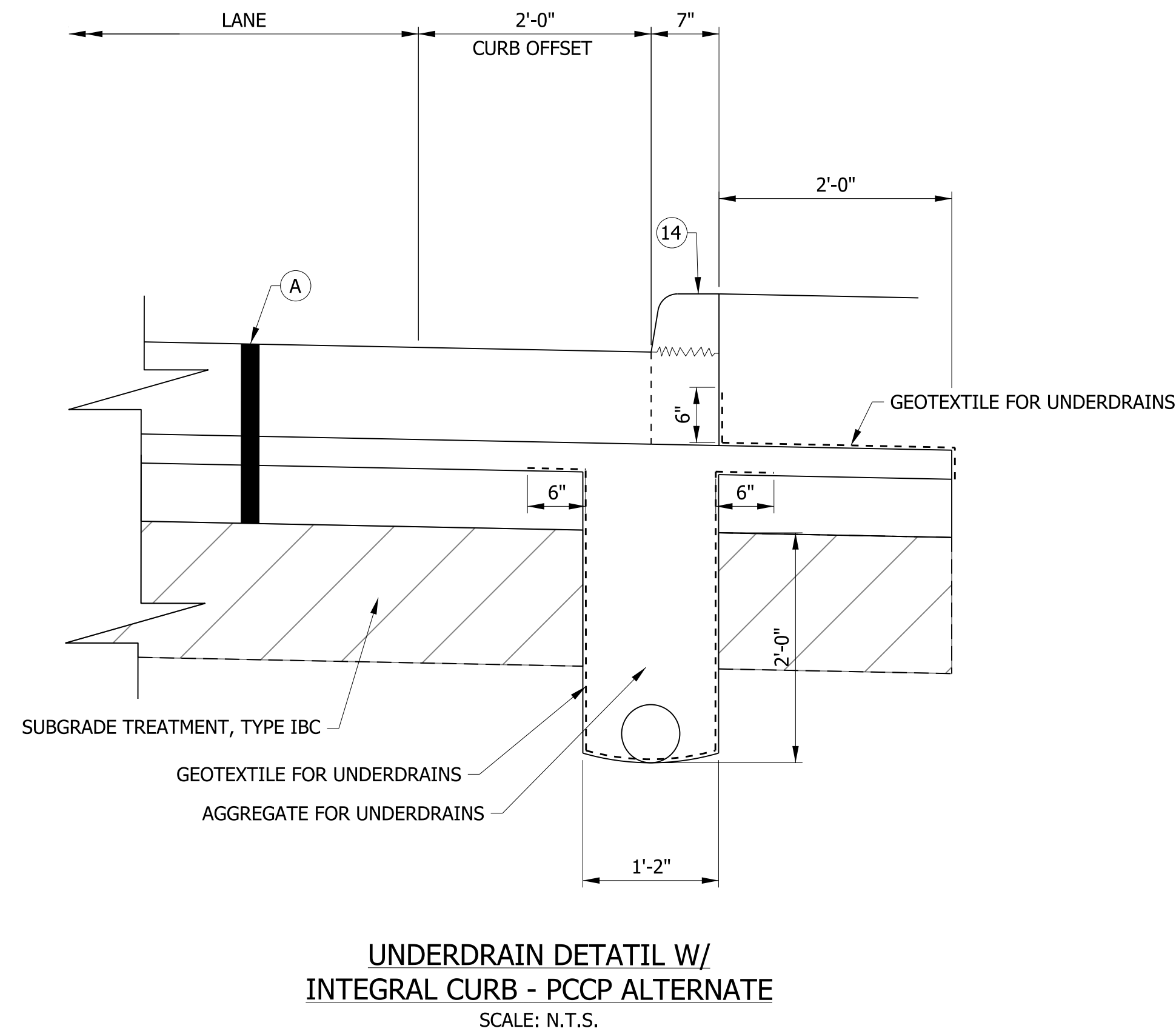
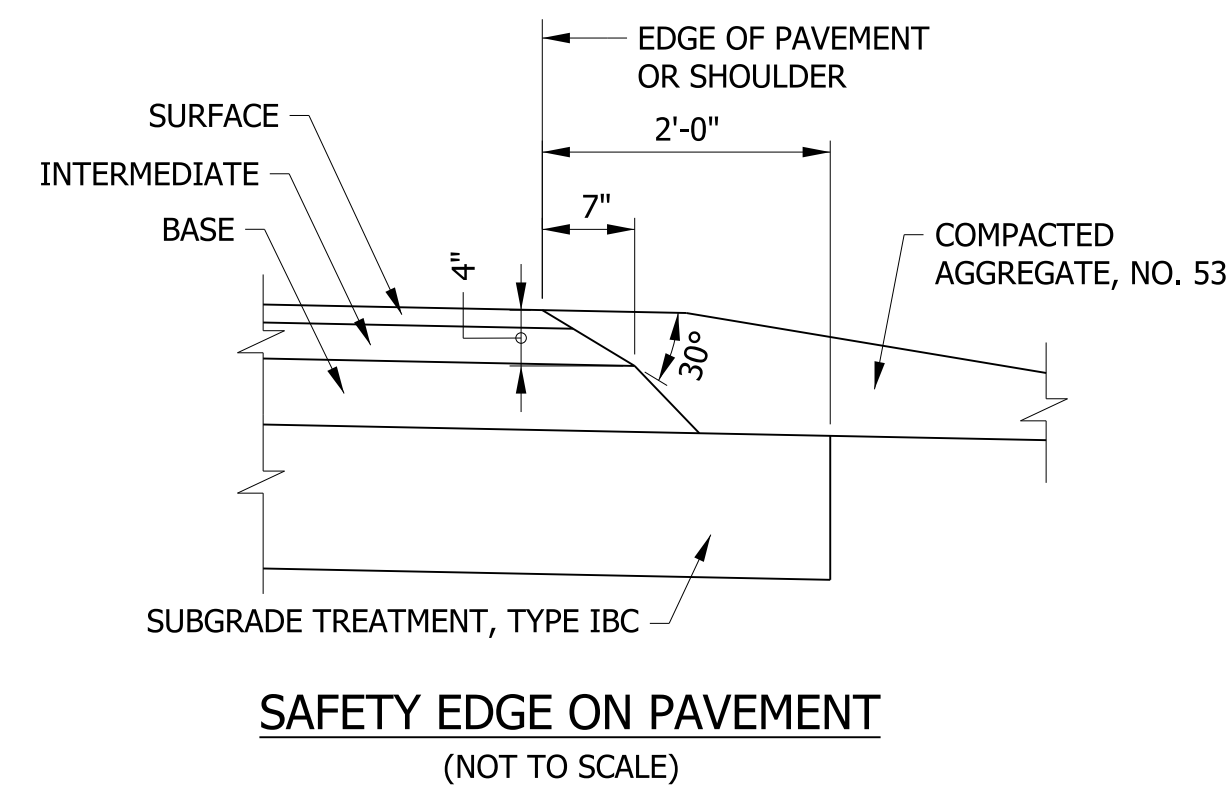
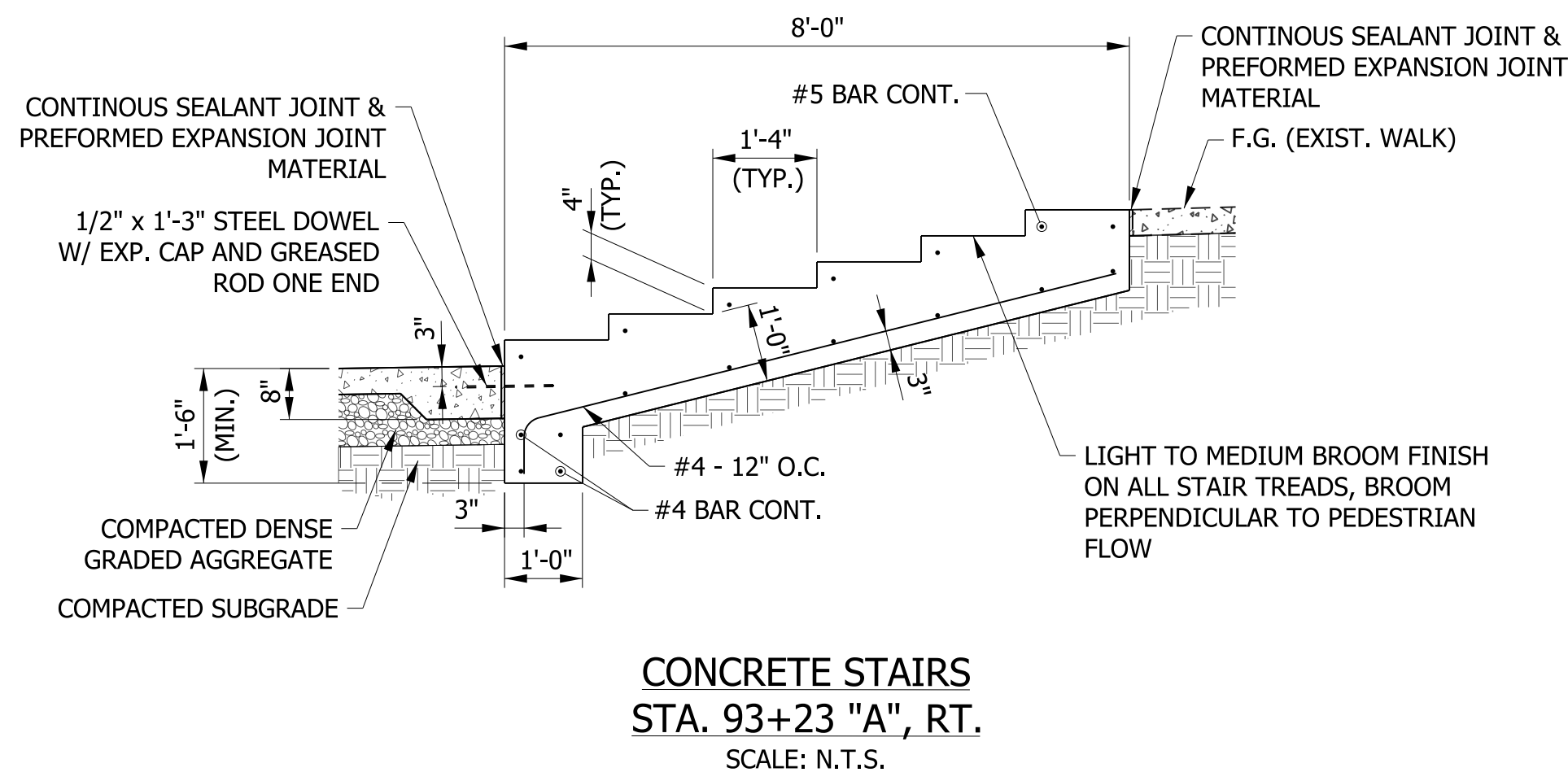
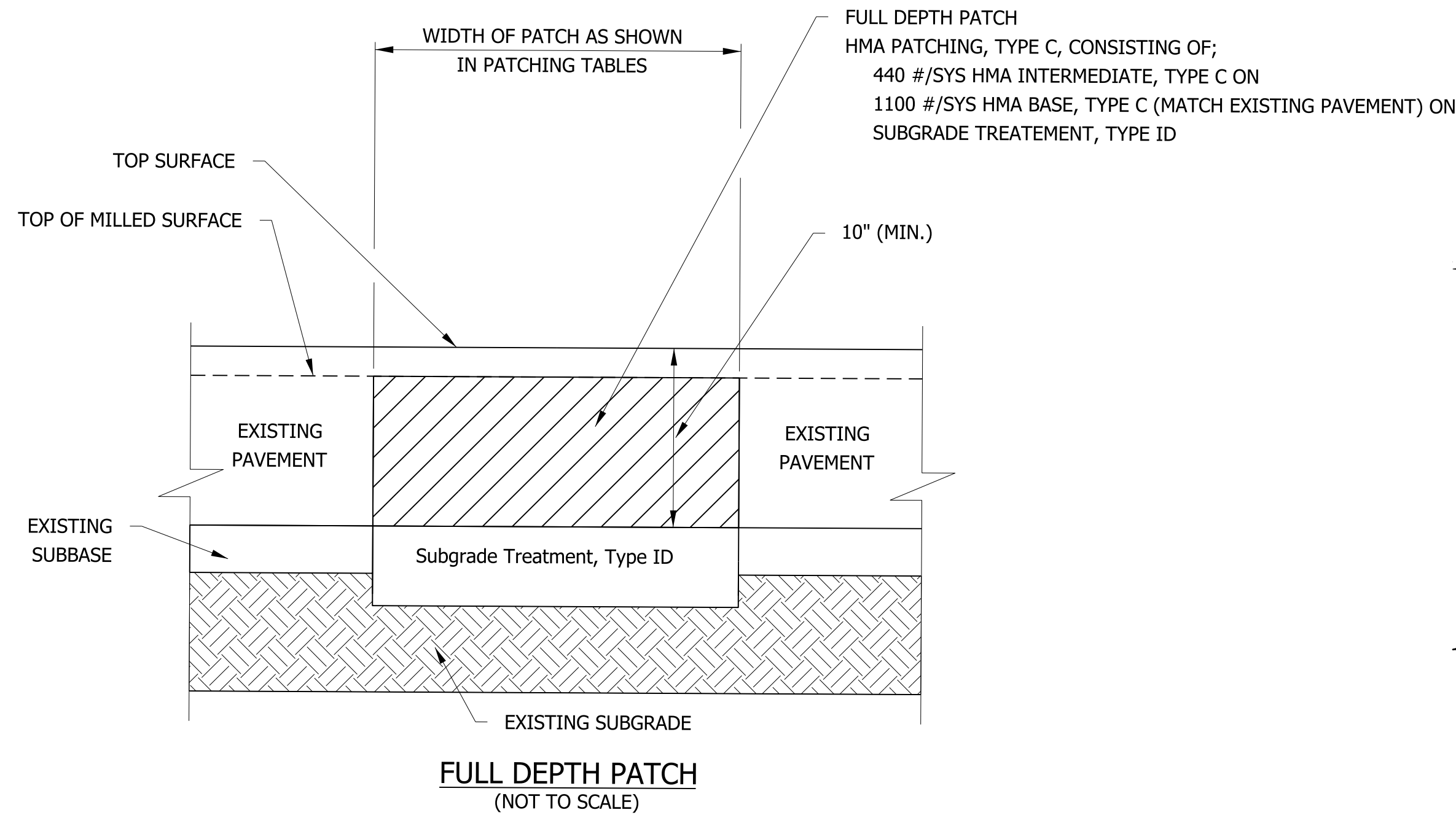
SAFETY EDGE ON HMA PAVEMENT
SCALE: N.T.S.

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

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
LINE "MB" - MULE BARN RD.

HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	
VERTICAL SCALE	DESIGNATION
1/4" = 1'-0"	1601982
SURVEY BOOK	SHEETS
	7 of 196
CONTRACT	PROJECT
R-39288	1601982



LEGEND

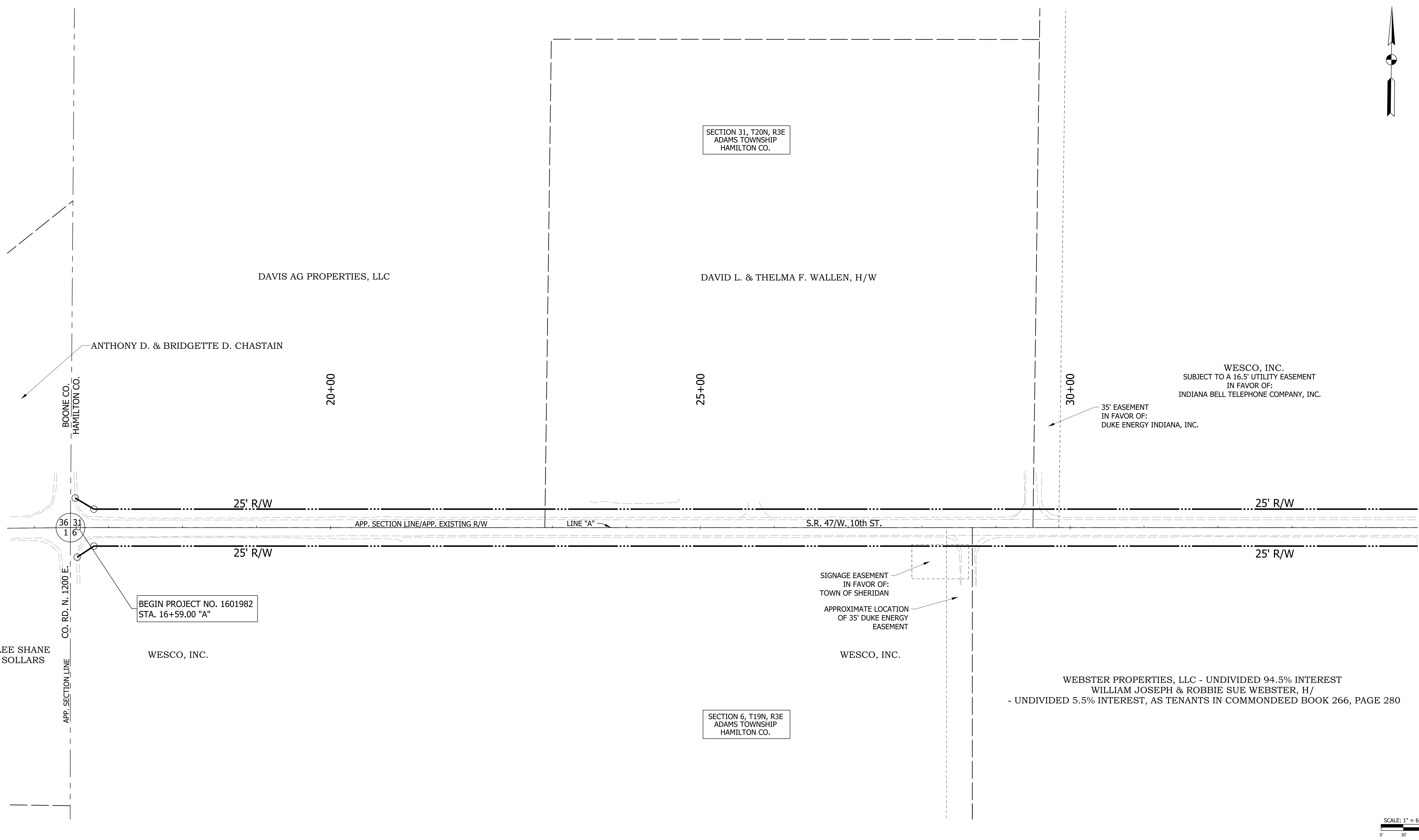
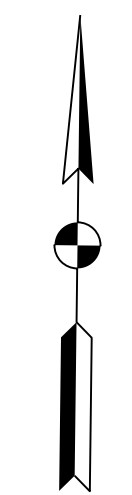
- (A) QC/QA PCCP, 9.5 IN. (15' JOINT SPACING, 1.25" BARS @ 12" SPA.) ON SUBBASE FOR PCCP (3 IN. OF COARSE AGGREGATE, #8 ON 6 IN. OF COMPACTED AGGREGATE NO. 53)
- (K) HMA, FULL DEPTH RECONSTRUCTION: 165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM, ON 275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19 MM, ON 770 LB/SYD QC/QA HMA, 3, 64 BASE, 19 MM, ON 250 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON 4 IN. COMPACTED AGGREGATE, NO. 53, ON GEOTEXTILE FOR PAVEMENT, TYPE 2A
- (R) HMA, MILL AND OVERLAY: MILLING, ASPHALT, 4 IN. 165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM 275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19.0 MM
- (U) UNDERDRAIN, TYPE 4, 6"
- (F) SIDEWALK, CONCRETE, 4"
- (14) INTEGRAL CONCRETE CURB
- (15) MOD. COMBINED CONCRETE CURB & GUTTER
- (26) SODDING, NURSERY

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

INDIANA
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	
VERTICAL SCALE	DESIGNATION
1/4" = 1'-0"	1601982
SURVEY BOOK	SHEETS
	8 of 196
CONTRACT	PROJECT
R-39288	1601982



BEGIN PROJECT NO. 1601982
STA. 16+59.00 "A"

SECTION 31, T20N, R3E
ADAMS TOWNSHIP
HAMILTON CO.

SECTION 6, T19N, R3E
ADAMS TOWNSHIP
HAMILTON CO.

WESCO, INC.
SUBJECT TO A 16.5' UTILITY EASEMENT
IN FAVOR OF:
INDIANA BELL TELEPHONE COMPANY, INC.

35' EASEMENT
IN FAVOR OF:
DUKE ENERGY INDIANA, INC.

SIGNAGE EASEMENT
IN FAVOR OF:
TOWN OF SHERIDAN

APPROXIMATE LOCATION
OF 35' DUKE ENERGY
EASEMENT

WEBSTER PROPERTIES, LLC - UNDIVIDED 94.5% INTEREST
WILLIAM JOSEPH & ROBBIE SUE WEBSTER, H/
- UNDIVIDED 5.5% INTEREST, AS TENANTS IN COMMON DEED BOOK 266, PAGE 280

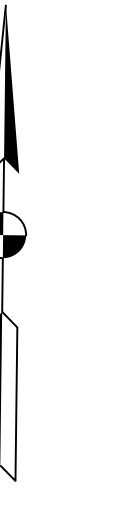
SCALE: 1" = 60'

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

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT NO. 1

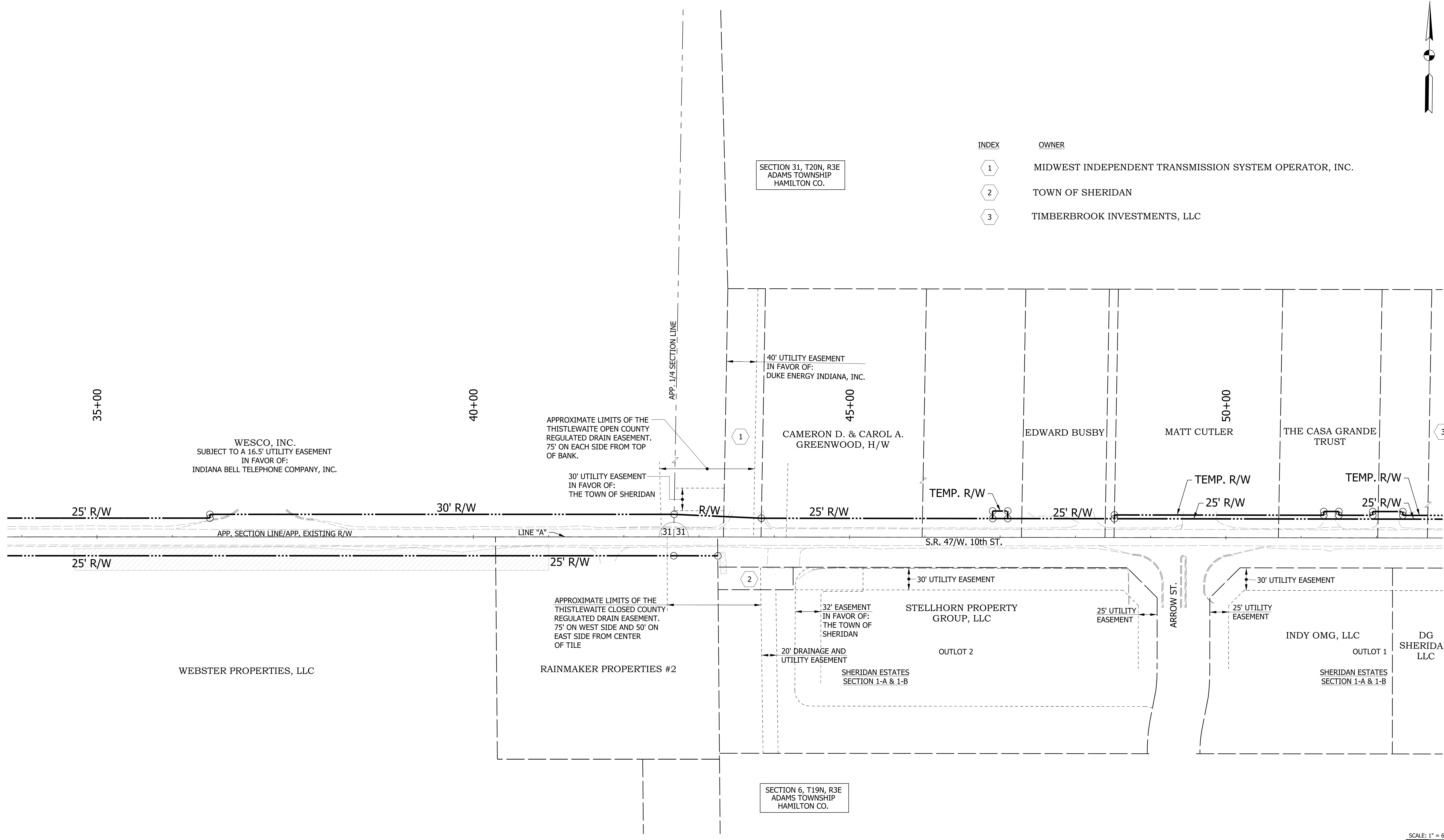
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VERTICAL SCALE N/A	DESIGNATION 1601982
SURVEY BOOK	SHEETS
CONTRACT R-39288	9 of 196 PROJECT 1601982



INDEX	OWNER
1	MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.
2	TOWN OF SHERIDAN
3	TIMBERBROOK INVESTMENTS, LLC

SECTION 31, T20N, R3E
ADAMS TOWNSHIP
HAMILTON CO.

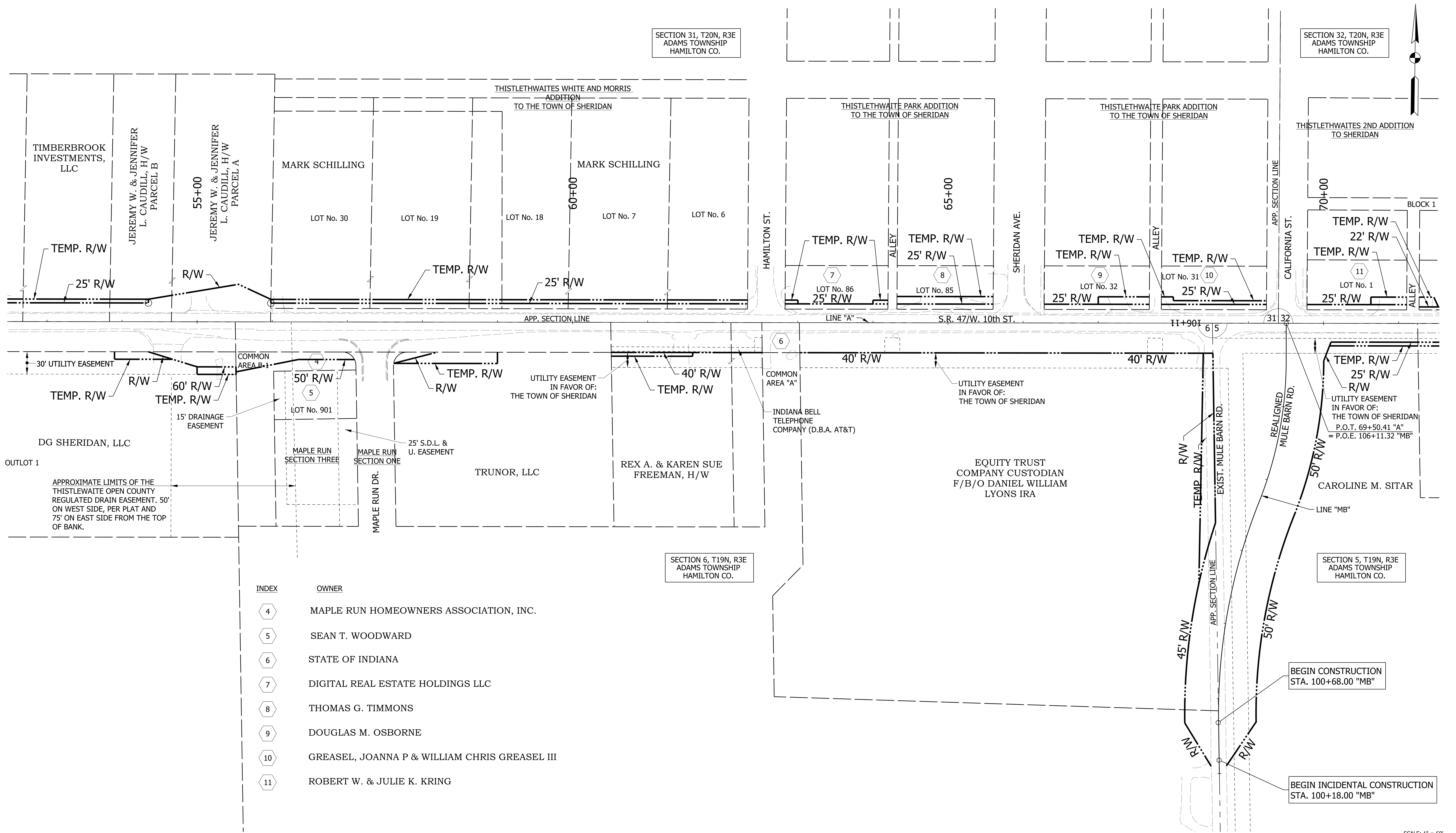
SECTION 6, T19N, R3E
ADAMS TOWNSHIP
HAMILTON CO.



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SCALE: 1" = 60'

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
				1"=60'	-
DESIGNED: WRC		DRAWN: JWM		VERTICAL SCALE	DESIGNATION
CHECKED: LDW		CHECKED: WRC		N/A	1601982
PLAT NO. 1				SURVEY BOOK	SHEETS
					10 of 196
				CONTRACT	PROJECT
				R-39288	1601982



SECTION 31, T20N, R3E
ADAMS TOWNSHIP
HAMILTON CO.

SECTION 32, T20N, R3E
ADAMS TOWNSHIP
HAMILTON CO.

SECTION 6, T19N, R3E
ADAMS TOWNSHIP
HAMILTON CO.

SECTION 5, T19N, R3E
ADAMS TOWNSHIP
HAMILTON CO.

INDEX	OWNER
4	MAPLE RUN HOMEOWNERS ASSOCIATION, INC.
5	SEAN T. WOODWARD
6	STATE OF INDIANA
7	DIGITAL REAL ESTATE HOLDINGS LLC
8	THOMAS G. TIMMONS
9	DOUGLAS M. OSBORNE
10	GREASEL, JOANNA P & WILLIAM CHRIS GREASEL III
11	ROBERT W. & JULIE K. KRING

SCALE: 1" = 60'

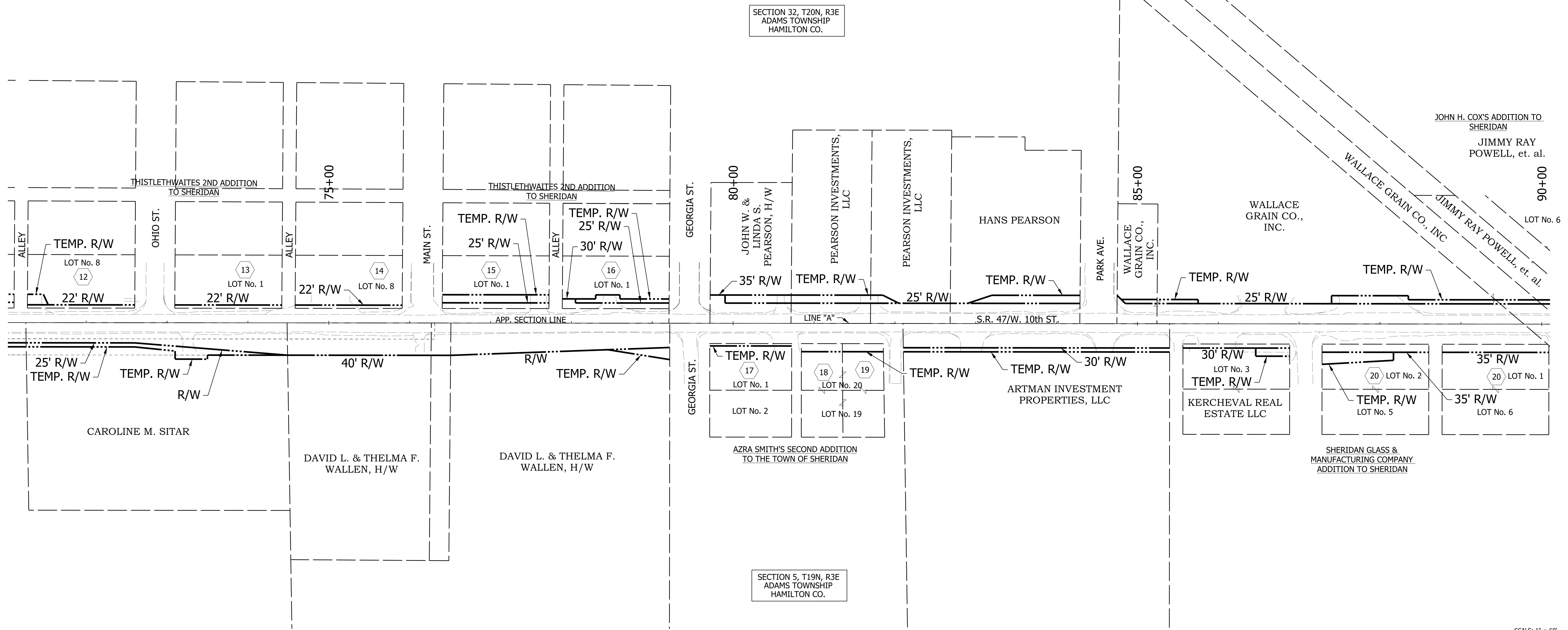
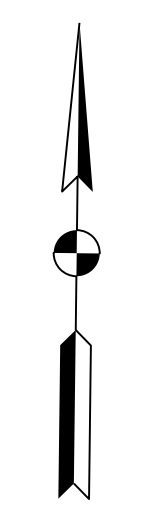
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: WRC	DRAWN: JWM	
CHECKED: LDW	CHECKED: WRC	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

PLAT NO. 1

HORIZONTAL SCALE	BRIDGE FILE
1"=60'	
VERTICAL SCALE	DESIGNATION
N/A	1601982
SURVEY BOOK	SHEETS
	11 of 196
CONTRACT	PROJECT
R-39288	1601982

INDEX	OWNER
12	THE J & S FLINT PROPERTIES, LLC
13	CHRISTINA BAYLESS
14	DARRELL LEE WARREN & LAUREN RUCH J.T.F.R.O.S.
15	KEVIN & LEISA M. HALE, H/W
16	KEVIN & LEISA M. HALE, H/W
17	MICHAEL L. & SHAUNA N. CLARK, H/W
18	KEVIN R. & LEISA M. HALE, H/W
19	LEISA M. HALE EAST HALF OF LOTS 19 & 20
20	K. V. ELLIOTT POST # 67 AMERICAN LEGION, INC.



SECTION 32, T20N, R3E
ADAMS TOWNSHIP
HAMILTON CO.

SECTION 5, T19N, R3E
ADAMS TOWNSHIP
HAMILTON CO.

SCALE: 1" = 60'

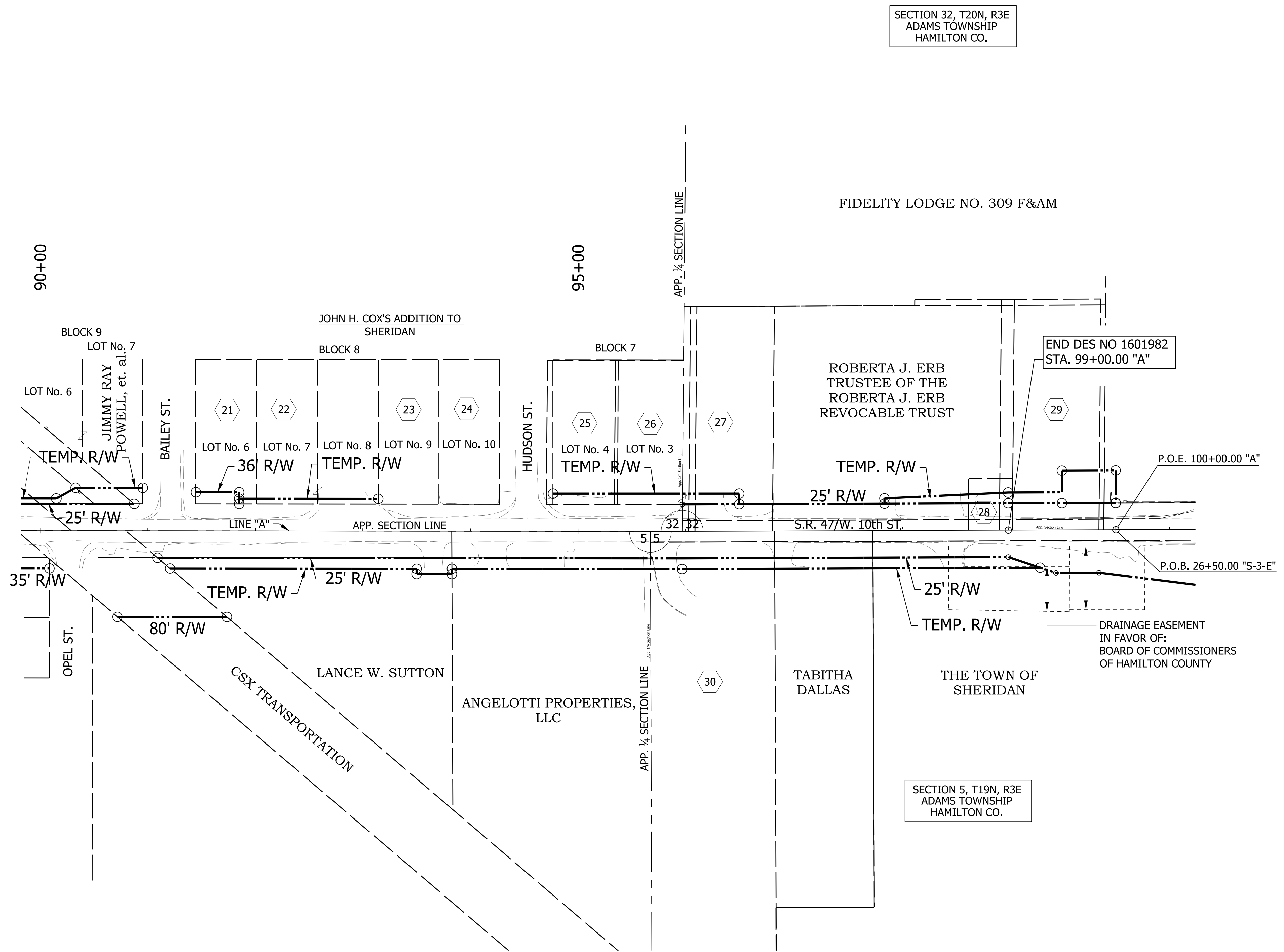
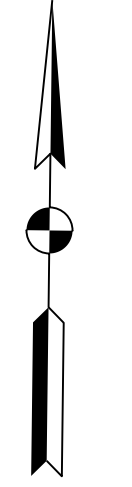
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: WRC	DRAWN: JWM	
CHECKED: LDW	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT NO. 1

HORIZONTAL SCALE 1"=60'	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 1601982
SURVEY BOOK	SHEETS
CONTRACT R-39288	12 of 196 PROJECT 1601982

INDEX	OWNER
21	KEVIN EMRY AS PRIMARY BENEFICIARY
22	TERRY L. & MARCELL A. DURBIN, H/W
23	WILLIAM R. HALCOMB
24	WILLIAM R. JR. & CASANDRA B. HALCOMB, H/W UNDER LAND CONTRACT WITH MIDWEST DRIFT UNION LLC
25	SAPP PROPERTIES, LLC
26	SHIRLEY A. KINKEAD TRANSFER ON DEATH TO DEBORAH K. BURTON
27	JIMMY & SHIRLEY ANN KINKEAD, H/W
28	HAMILTON NATURAL GAS COMPANY, INC
29	ROBERTA J. ERB TRUSTEE OF THE ROBERTA J. ERB REVOCABLE TRUST
30	JOHN R. & MARSHA A. CHRISTY, H/W TRANSFER ON DEATH TO THEIR CHILDREN: NICHOLAS JAY CHRISTY & SHEA MARIE ROBINSON

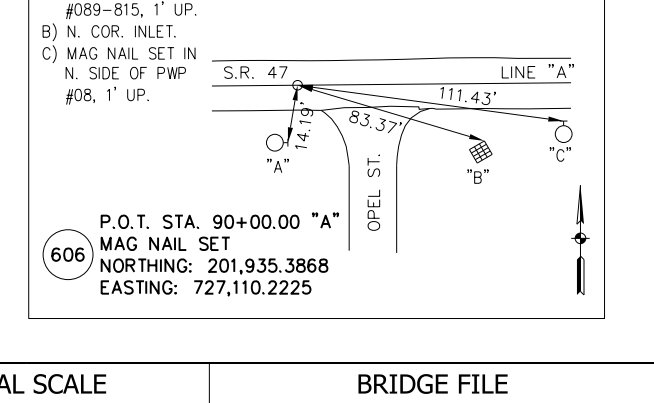
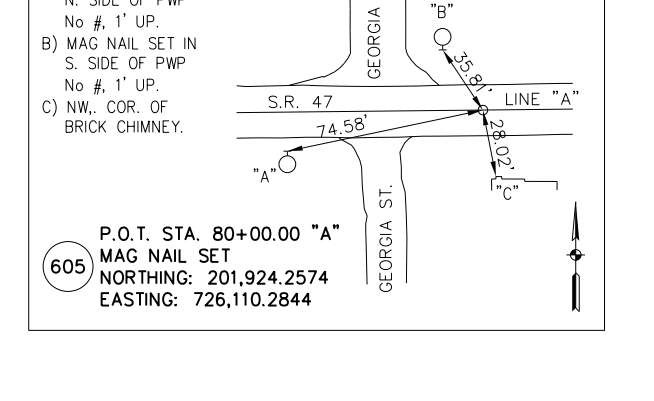
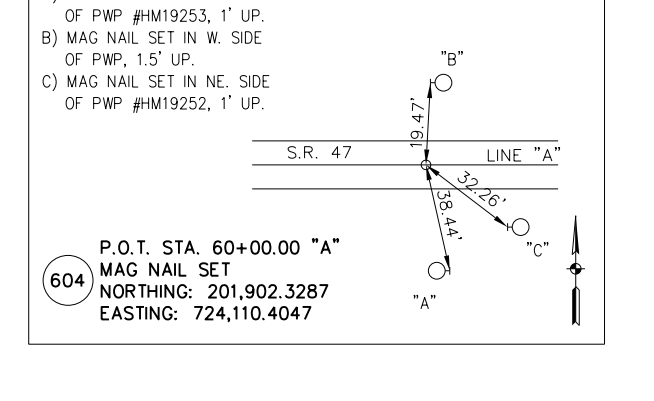
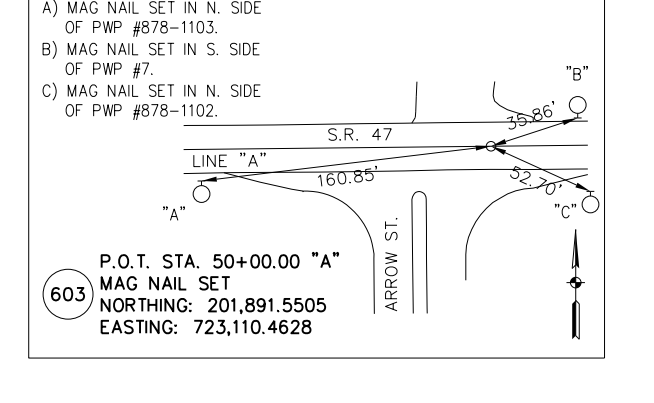
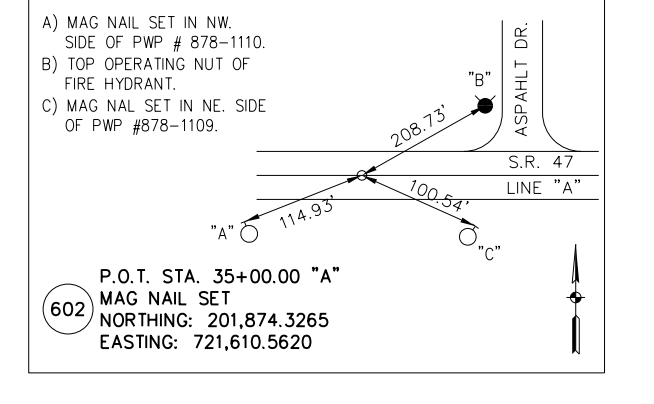
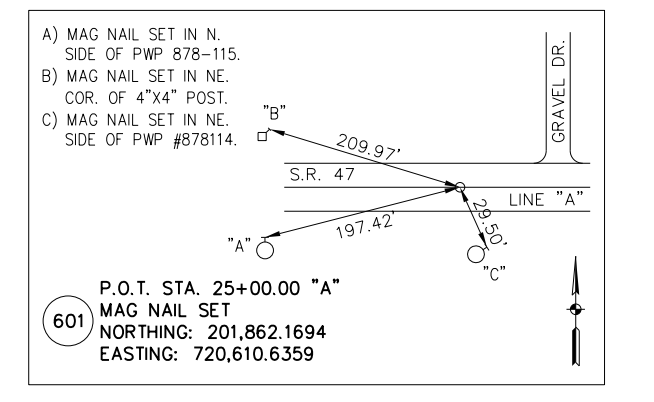
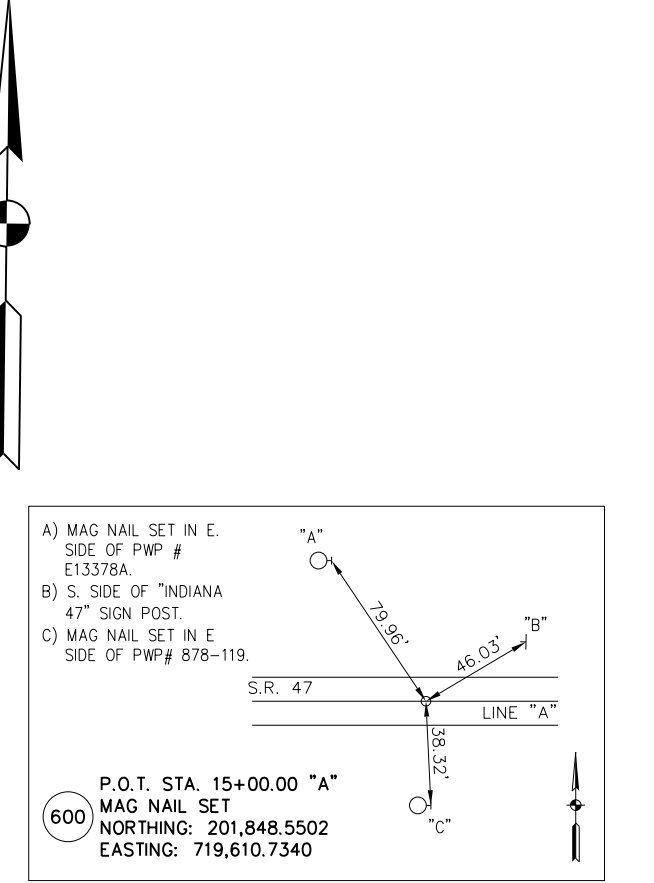
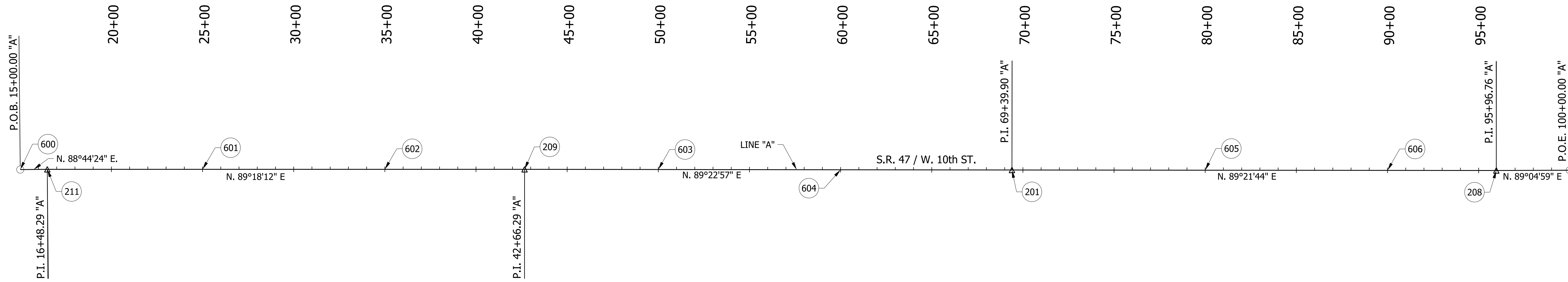


SECTION 32, T20N, R3E
ADAMS TOWNSHIP
HAMILTON CO.

SECTION 5, T19N, R3E
ADAMS TOWNSHIP
HAMILTON CO.

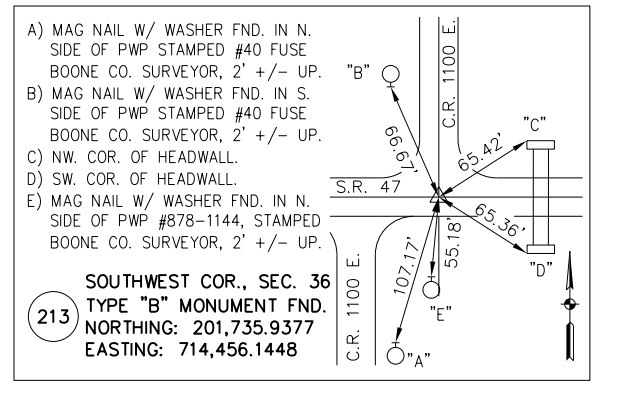
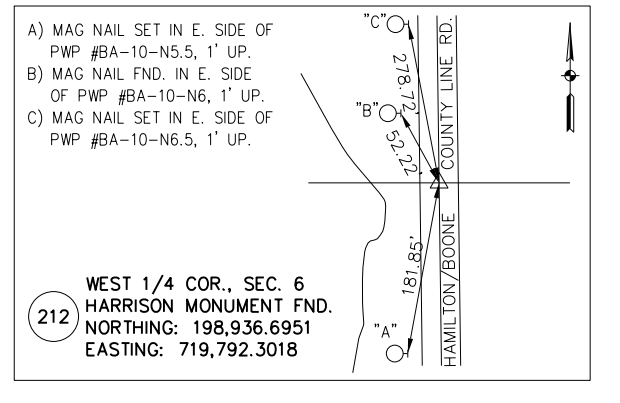
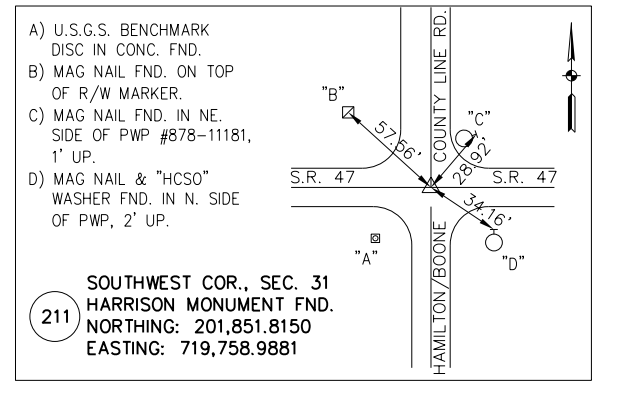
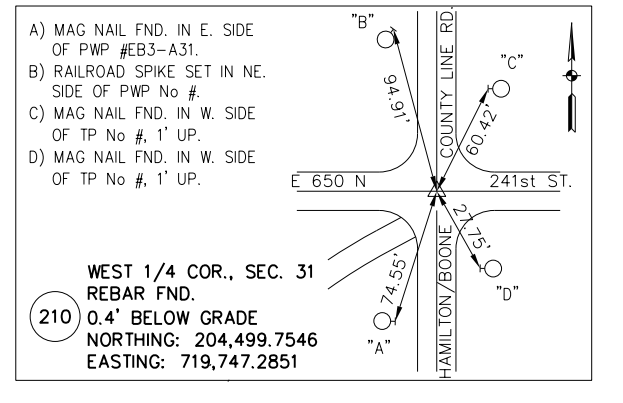
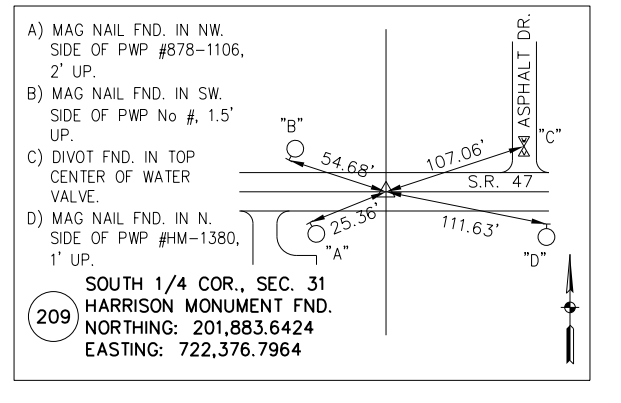
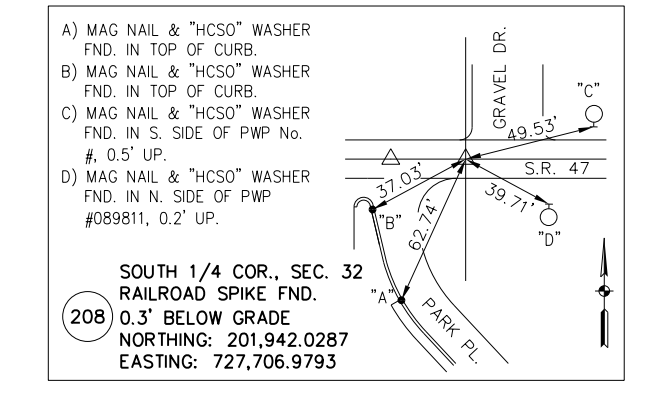
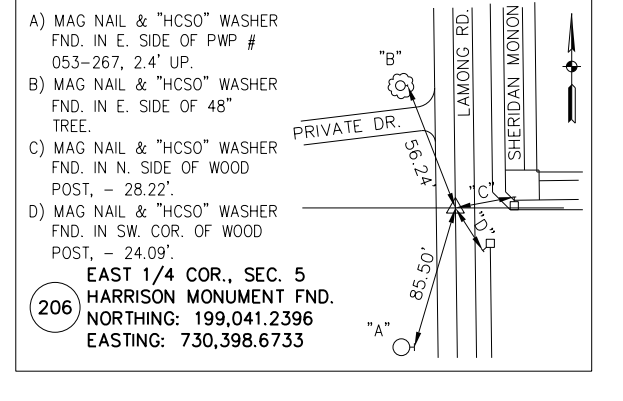
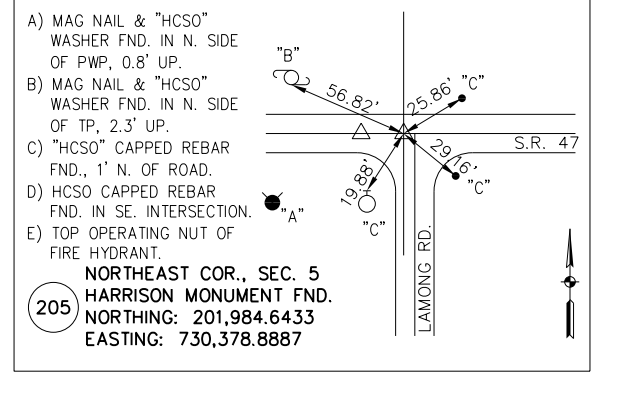
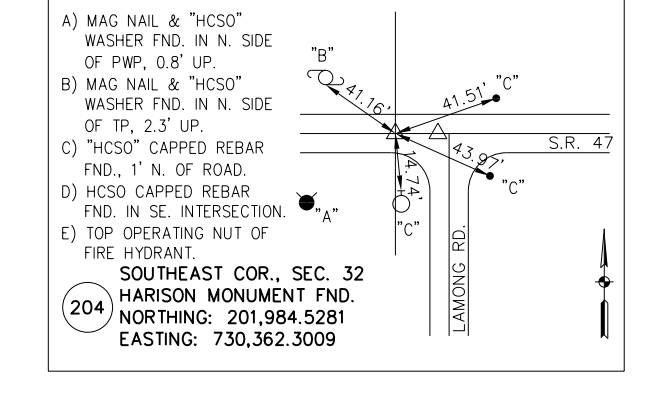
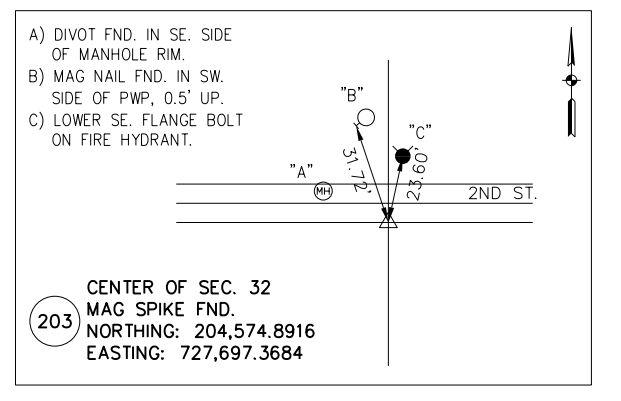
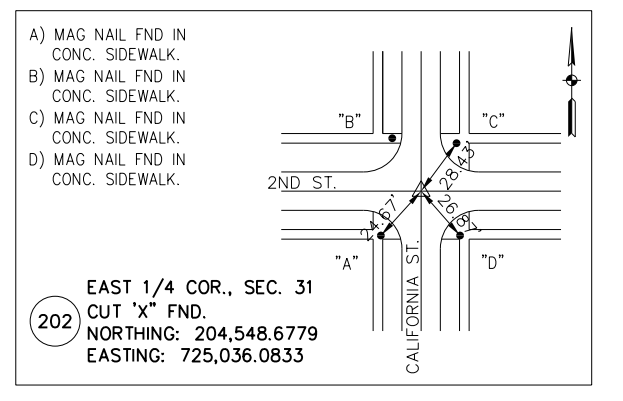
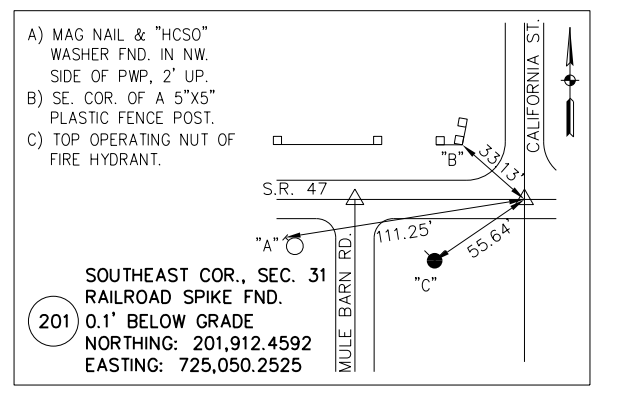
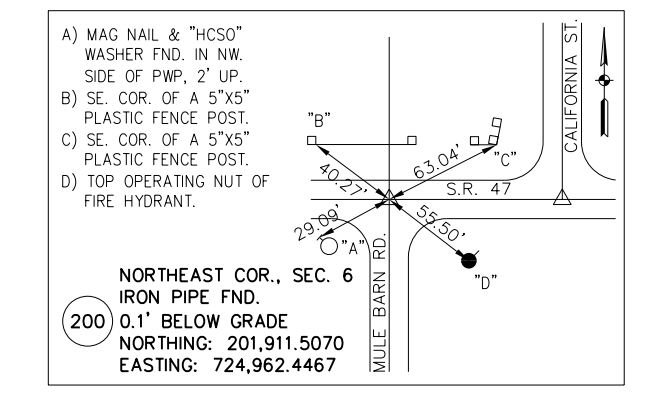
SCALE: 1" = 60'

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			1"=60'	-
DESIGNED: WRC DRAWN: JWM CHECKED: LDW CHECKED: WRC	PLAT NO. 1		VERTICAL SCALE	DESIGNATION
			N/A	1601982
			SURVEY BOOK	SHEETS
			CONTRACT	13 of 196
			R-39288	PROJECT 1601982



TBM DESC.

Station Name	Elev. (NAVD88)	Description
NGS BM D 212	958.10	0.4 MI East from Sheridan about 0.35 MI East along State Highway 47 from its intersection with State Highway 38 at the West part of Sheridan, at the junction of a gravel road leading south, across the highway from a white house, 112' North-Northeast of the Northeast corner of the house, 24' West of the extended centerline of the road south, 18' north of the centerline of the highway, 4.5' West-Northwest of the PP 50/866, 2' West of a fence corner post and in line with the highway right-of-way fence leading east, about 1' below the highway, and set in the top of a concrete post projecting 6 IN
TBM #1	953.34	Square cut on the south corner of a concrete pad on the north side of State Road 47, 35 feet from the centerline; approximately 210 feet east of State Road 38.
TBM #2	949.07	Railroad spike set in the north side of power pole TP 401; approximately 20 feet north of the centerline of State Road 47 and 230 feet east of Park Avenue.
TBM #3	946.43	Railroad spike set in the north side of power pole TP 050 252; approximately 15 feet south of the centerline of State Road 47 and 250 feet east of Mule Barn Road.
TBM #4	943.34	Railroad spike set in the north side of power pole HMI9254; approximately 35 feet south of the centerline of State Road 47 and 100 feet east of Maple Run Drive.
TBM #5	942.93	Cross cut in the north bolt of a fire hydrant approximately 30 feet south of the centerline of State Road 47, in line with the extension of the access road leading to the water tower.
TBM #6	945.68	Cross cut in the north bolt of a fire hydrant approximately 35 feet north of the centerline of State Road 47 and 45 feet east of the centerline of W Road.
TBM #7	942.74	Triangle cut in the northwest wingwall of the small structure 485 feet west of North County Road 1200 East; approximately 20 feet north of the centerline of State Road 47.



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

INDIANA DEPARTMENT OF TRANSPORTATION

SURVEY CONTROL LINE "A"

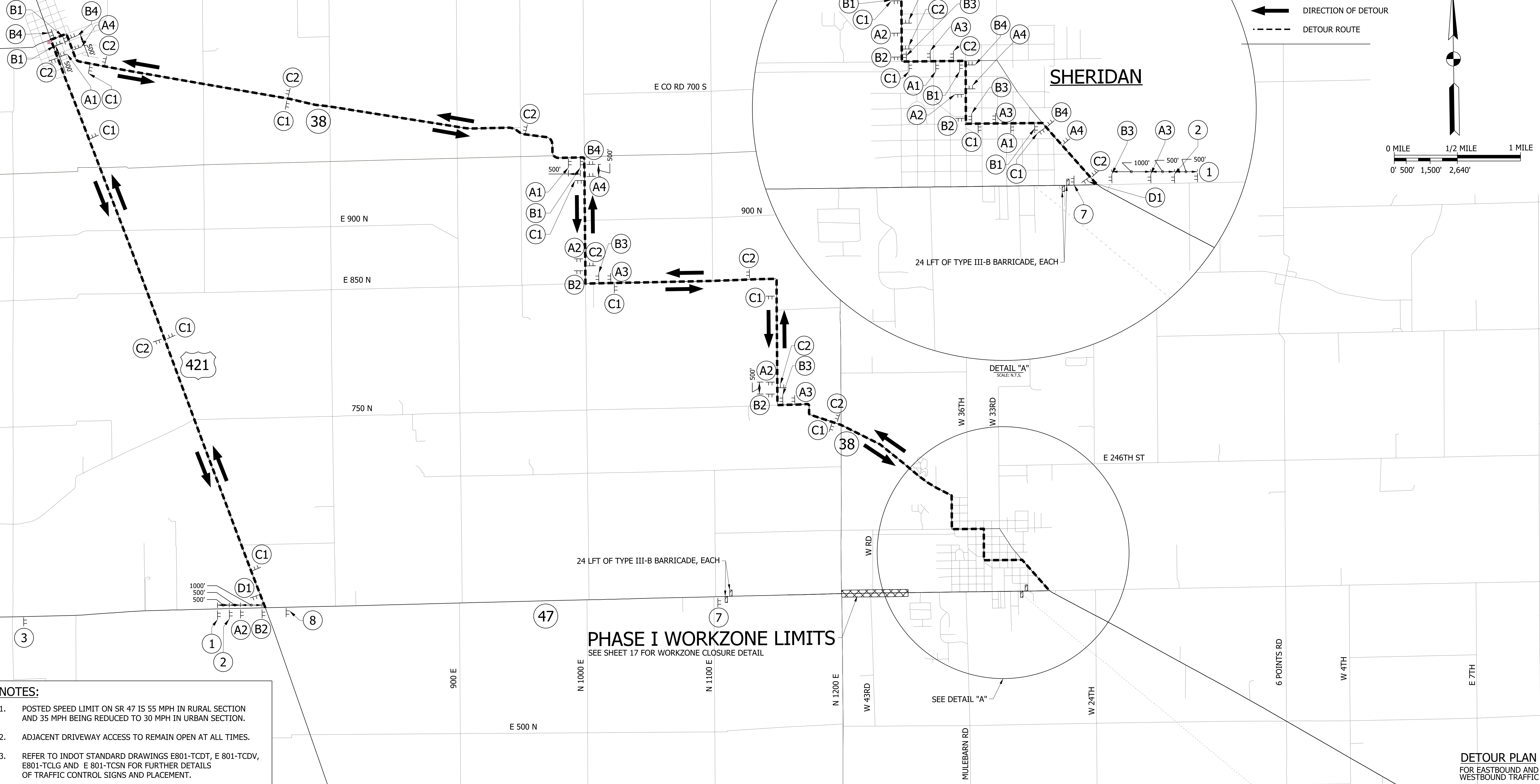
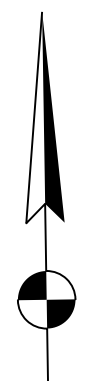
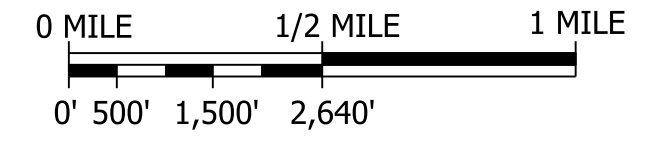
HORIZONTAL SCALE	BRIDGE FILE
1" = 300'	
VERTICAL SCALE	DESIGNATION
N/A	1601982
SURVEY BOOK	SHEETS
	14 of 196
CONTRACT	PROJECT
R-39288	1601982

KIRKLIN

SHERIDAN

DETOUR LEGEND

- TT CONSTRUCTION SIGN
- ⊗ LOW INTENSITY TYPE "A" CONSTRUCTION WARNING LIGHT
- ⊙ LOW INTENSITY TYPE "B" CONSTRUCTION WARNING LIGHT
- ▤ STANDARD BARRICADE, TYPE III-B
- ▨ CONSTRUCTION AREA
- ➔ DIRECTION OF DETOUR
- - - DETOUR ROUTE



- NOTES:**
1. POSTED SPEED LIMIT ON SR 47 IS 55 MPH IN RURAL SECTION AND 35 MPH BEING REDUCED TO 30 MPH IN URBAN SECTION.
 2. ADJACENT DRIVEWAY ACCESS TO REMAIN OPEN AT ALL TIMES.
 3. REFER TO INDOT STANDARD DRAWINGS E801-TCDT, E 801-TCDV, E801-TCLG AND E 801-TCSN FOR FURTHER DETAILS OF TRAFFIC CONTROL SIGNS AND PLACEMENT.

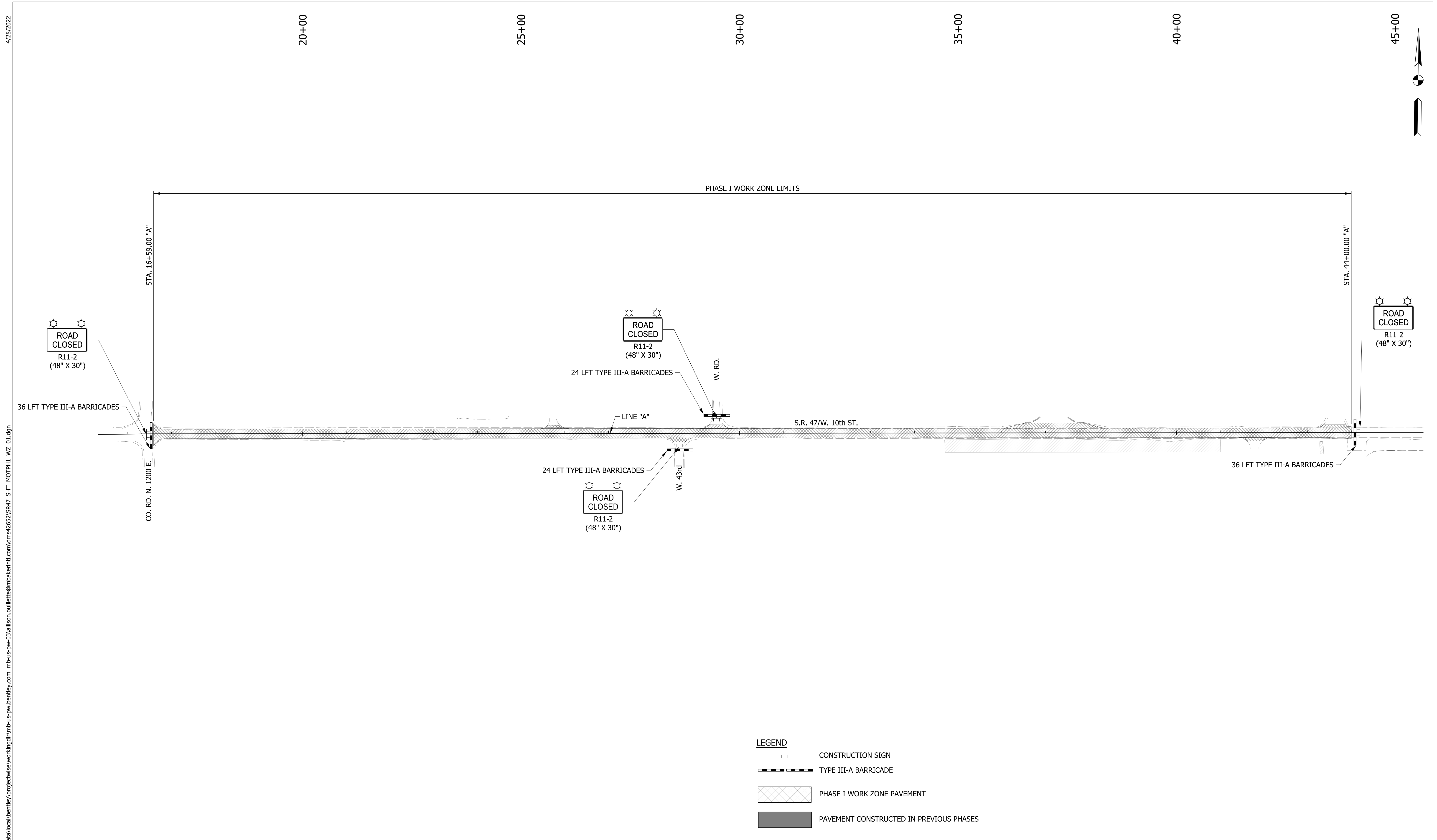
DETOUR PLAN
FOR EASTBOUND AND WESTBOUND TRAFFIC

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

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE I
DETOUR ROUTE - SR 47

HORIZONTAL SCALE 1" = 2000'	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 1601982
SURVEY BOOK	SHEETS
CONTRACT R-39288	15 of 196
	PROJECT 1601982



LEGEND

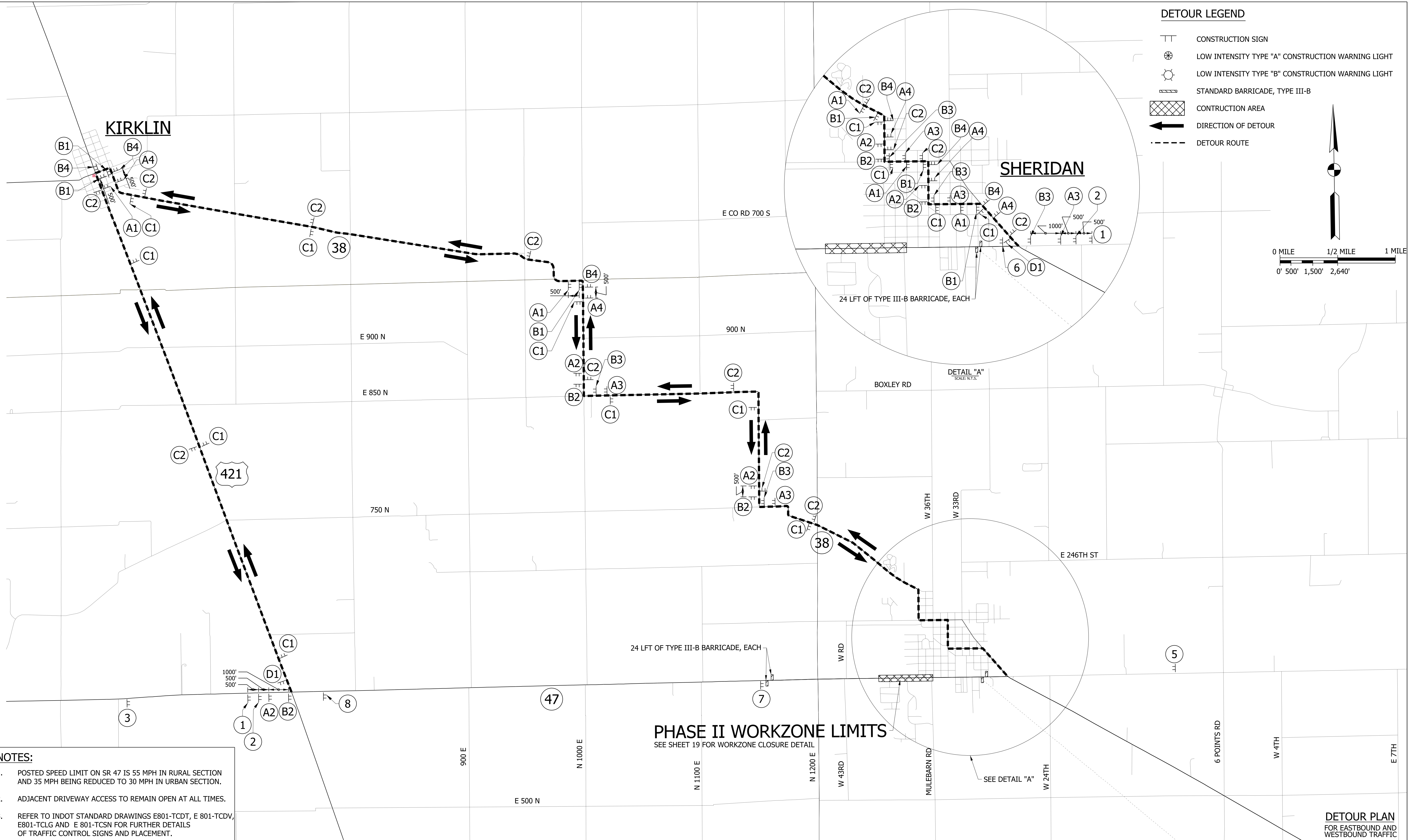
	CONSTRUCTION SIGN
	TYPE III-A BARRICADE
	PHASE I WORK ZONE PAVEMENT
	PAVEMENT CONSTRUCTED IN PREVIOUS PHASES

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

**INDIANA
DEPARTMENT OF TRANSPORTATION**

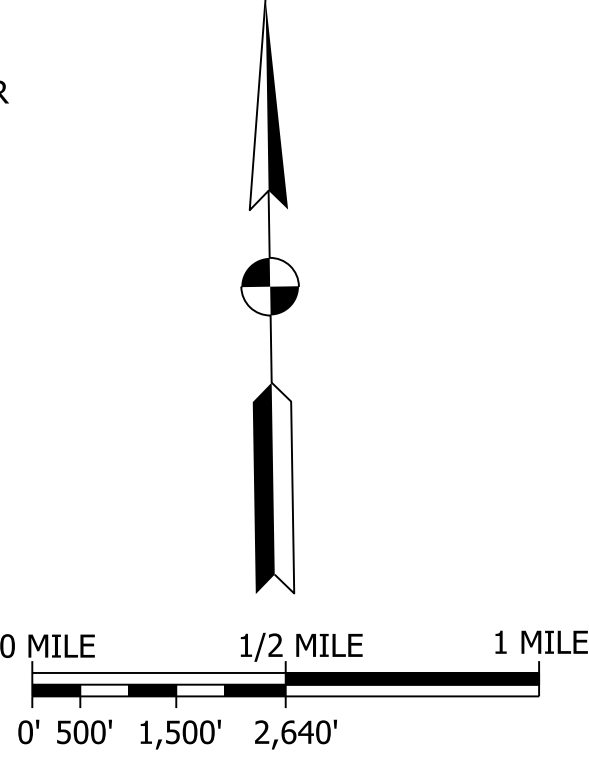
**MAINTENANCE OF TRAFFIC
PHASE I WORK ZONE**

HORIZONTAL SCALE 1"=100'	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 1601982
SURVEY BOOK	SHEETS
CONTRACT R-39288	16 of 196 PROJECT 1601982



DETOUR LEGEND

- TT CONSTRUCTION SIGN
- ⊗ LOW INTENSITY TYPE "A" CONSTRUCTION WARNING LIGHT
- ⊙ LOW INTENSITY TYPE "B" CONSTRUCTION WARNING LIGHT
- ▨ STANDARD BARRICADE, TYPE III-B
- ▨ CONSTRUCTION AREA
- ← DIRECTION OF DETOUR
- - - DETOUR ROUTE



NOTES:

1. POSTED SPEED LIMIT ON SR 47 IS 55 MPH IN RURAL SECTION AND 35 MPH BEING REDUCED TO 30 MPH IN URBAN SECTION.
2. ADJACENT DRIVEWAY ACCESS TO REMAIN OPEN AT ALL TIMES.
3. REFER TO INDOT STANDARD DRAWINGS E801-TCDT, E 801-TCDV, E801-TCLG AND E 801-TCSN FOR FURTHER DETAILS OF TRAFFIC CONTROL SIGNS AND PLACEMENT.

PHASE II WORKZONE LIMITS

SEE SHEET 19 FOR WORKZONE CLOSURE DETAIL

DETOUR PLAN
FOR EASTBOUND AND WESTBOUND TRAFFIC

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

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE II
DETOUR ROUTE - SR 47

HORIZONTAL SCALE 1" = 2000'	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 1601982
SURVEY BOOK	SHEETS
CONTRACT R-39288	17 of 196 PROJECT 1601982

45+00

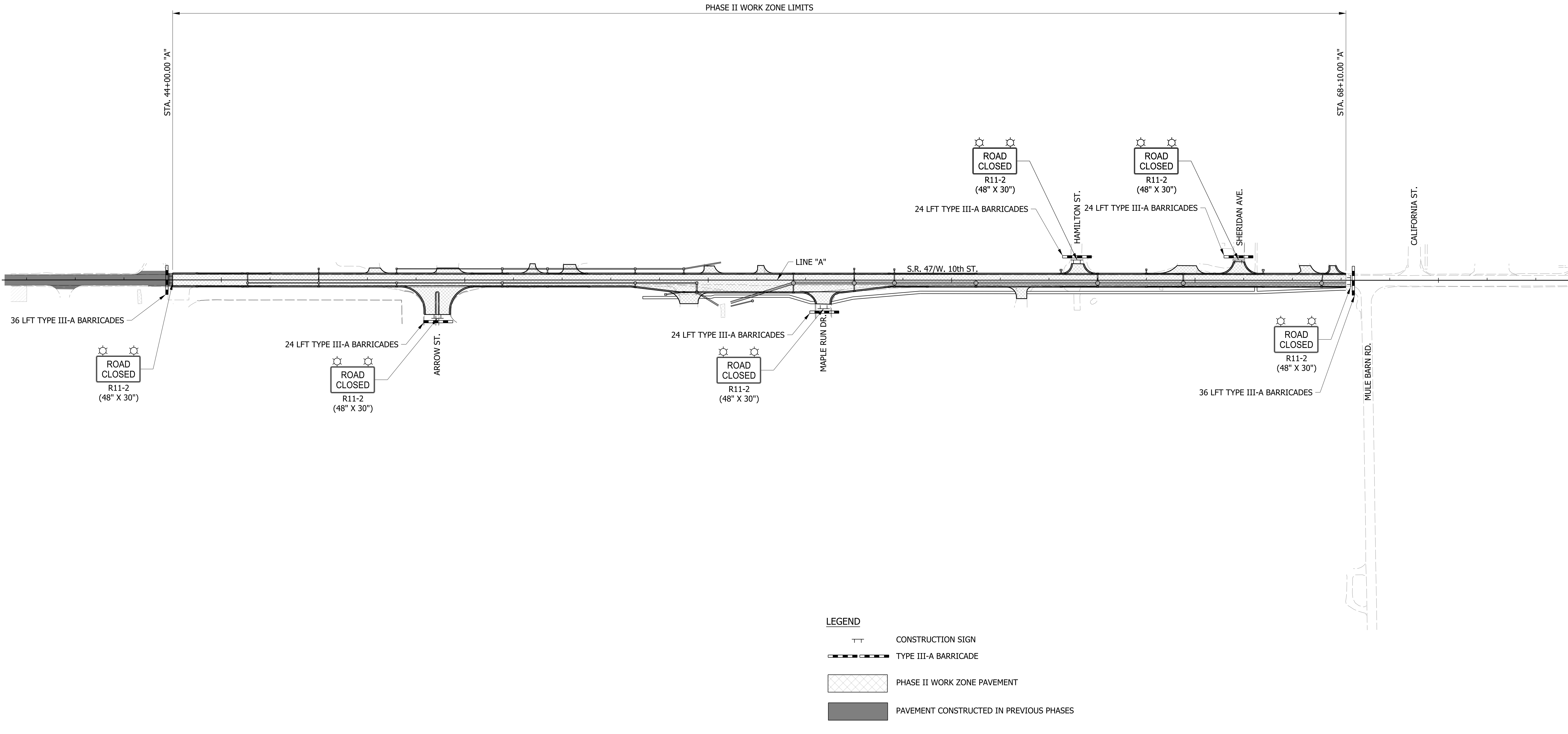
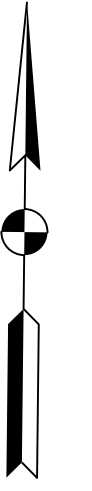
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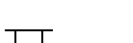



60+00

65+00

70+00



LEGEND

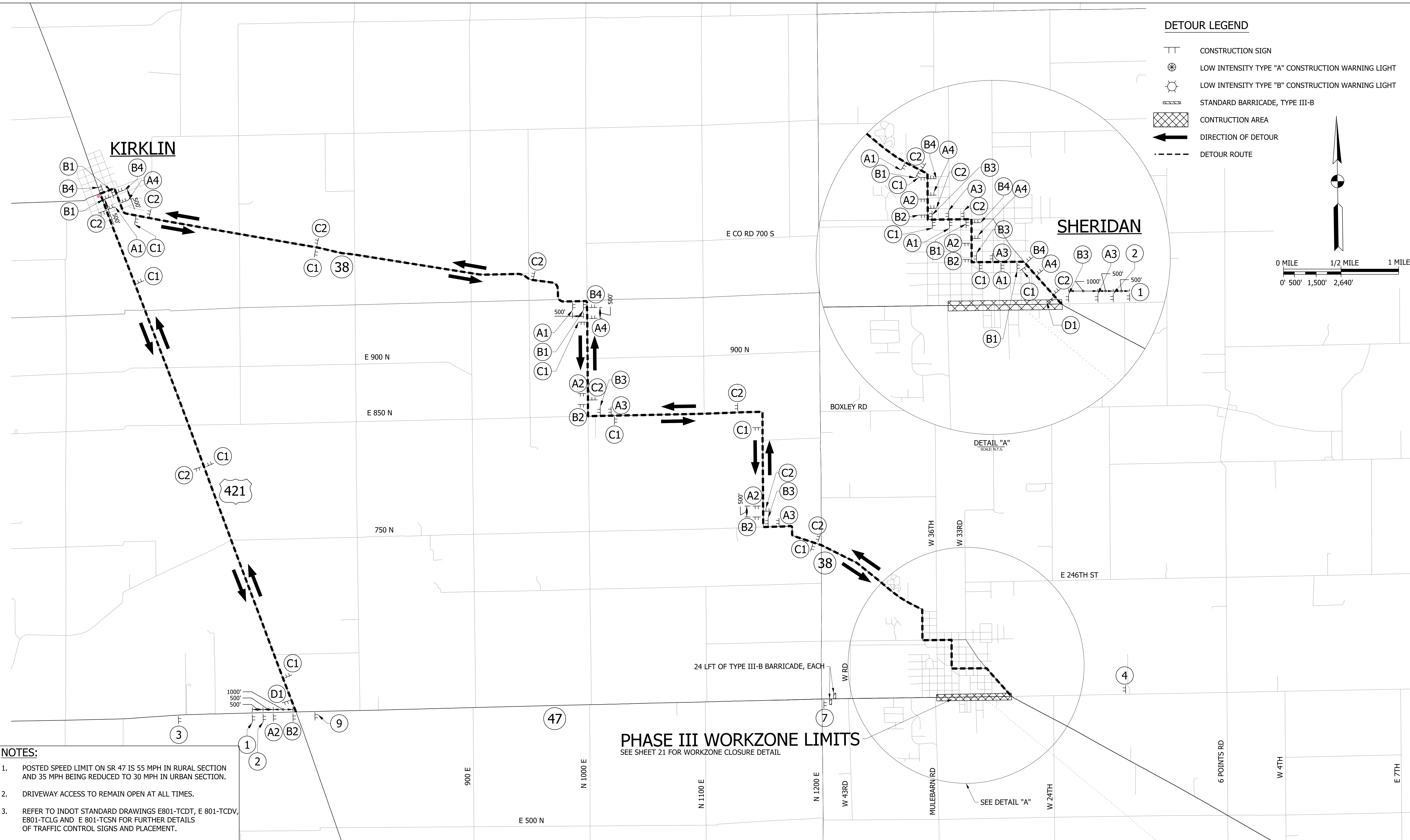
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-  TYPE III-A BARRICADE
-  PHASE II WORK ZONE PAVEMENT
-  PAVEMENT CONSTRUCTED IN PREVIOUS PHASES

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

**INDIANA
DEPARTMENT OF TRANSPORTATION**

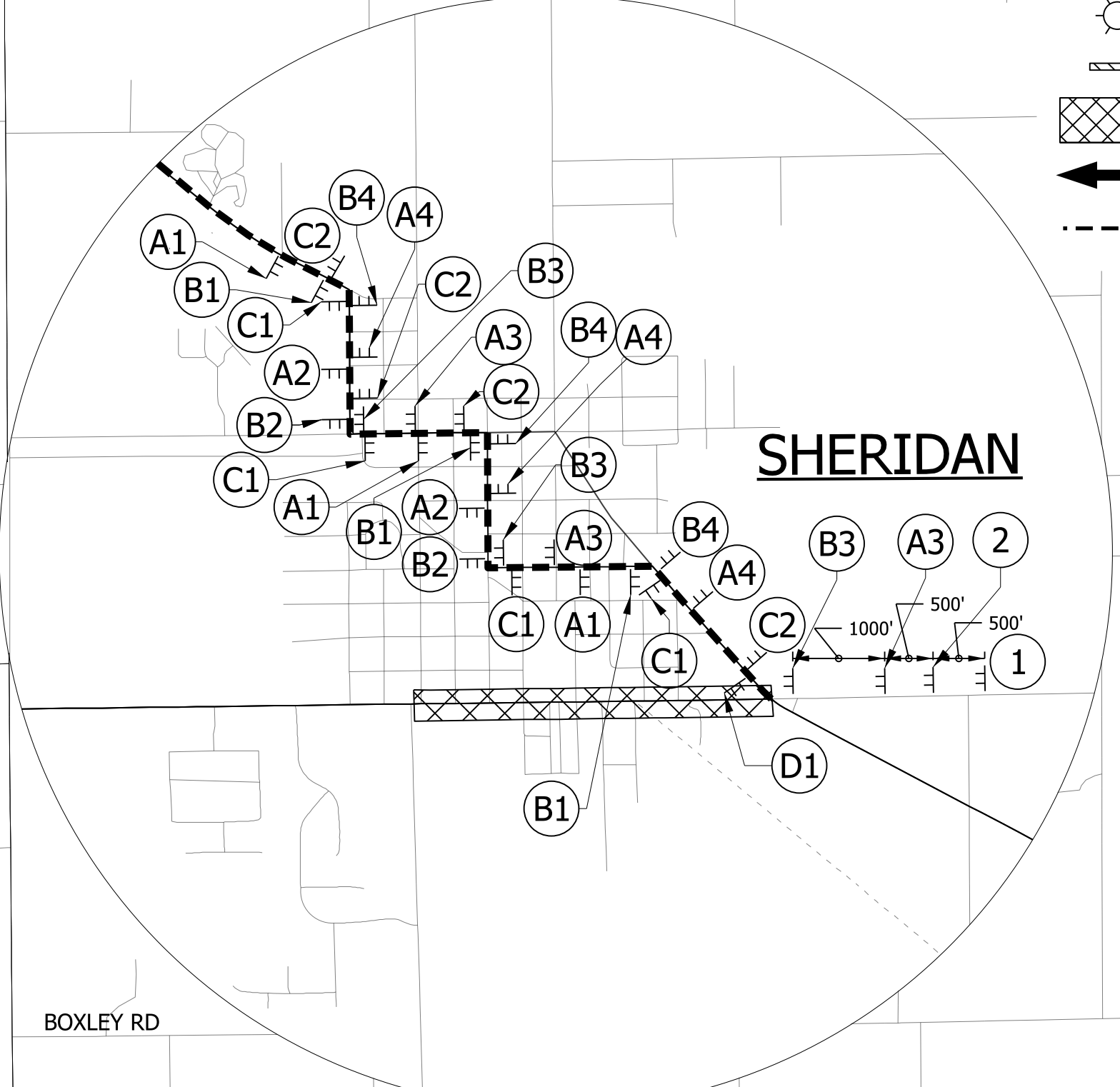
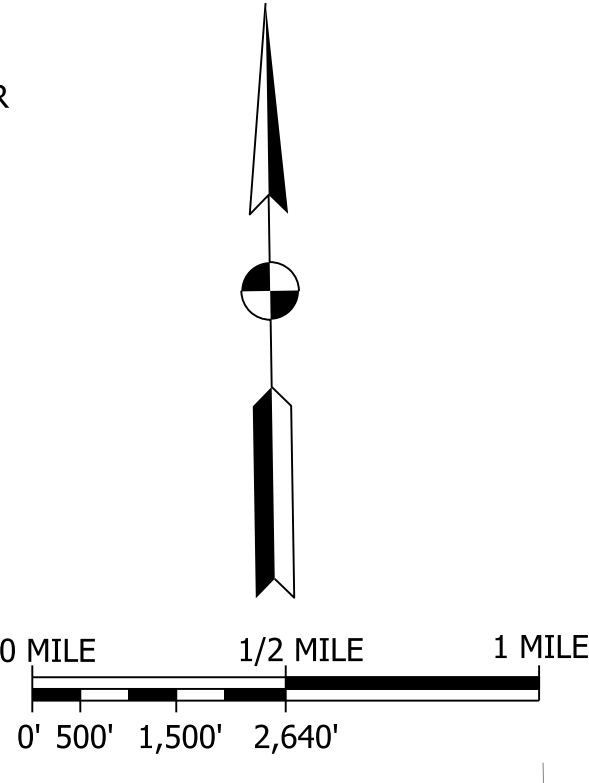
**MAINTENANCE OF TRAFFIC
PHASE II WORK ZONE**

HORIZONTAL SCALE 1"=100'	BRIDGE FILE -
VERTICAL SCALE N/A	DESIGNATION 1601982
SURVEY BOOK -	SHEETS 18 of 196
CONTRACT R-39288	PROJECT 1601982



DETOUR LEGEND

- CONSTRUCTION SIGN
- LOW INTENSITY TYPE "A" CONSTRUCTION WARNING LIGHT
- LOW INTENSITY TYPE "B" CONSTRUCTION WARNING LIGHT
- STANDARD BARRICADE, TYPE III-B
- CONSTRUCTION AREA
- DIRECTION OF DETOUR
- DETOUR ROUTE



DETAIL "A"
SCALE: N.T.S.

NOTES:

1. POSTED SPEED LIMIT ON SR 47 IS 55 MPH IN RURAL SECTION AND 35 MPH BEING REDUCED TO 30 MPH IN URBAN SECTION.
2. DRIVEWAY ACCESS TO REMAIN OPEN AT ALL TIMES.
3. REFER TO INDOT STANDARD DRAWINGS E801-TCDT, E 801-TCDV, E801-TCLG AND E 801-TCSN FOR FURTHER DETAILS OF TRAFFIC CONTROL SIGNS AND PLACEMENT.

PHASE III WORKZONE LIMITS
SEE SHEET 21 FOR WORKZONE CLOSURE DETAIL

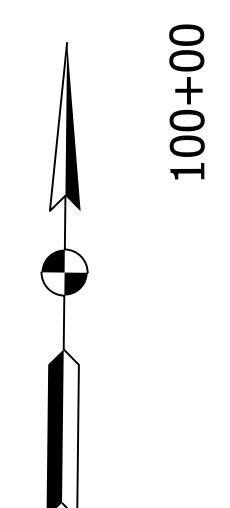
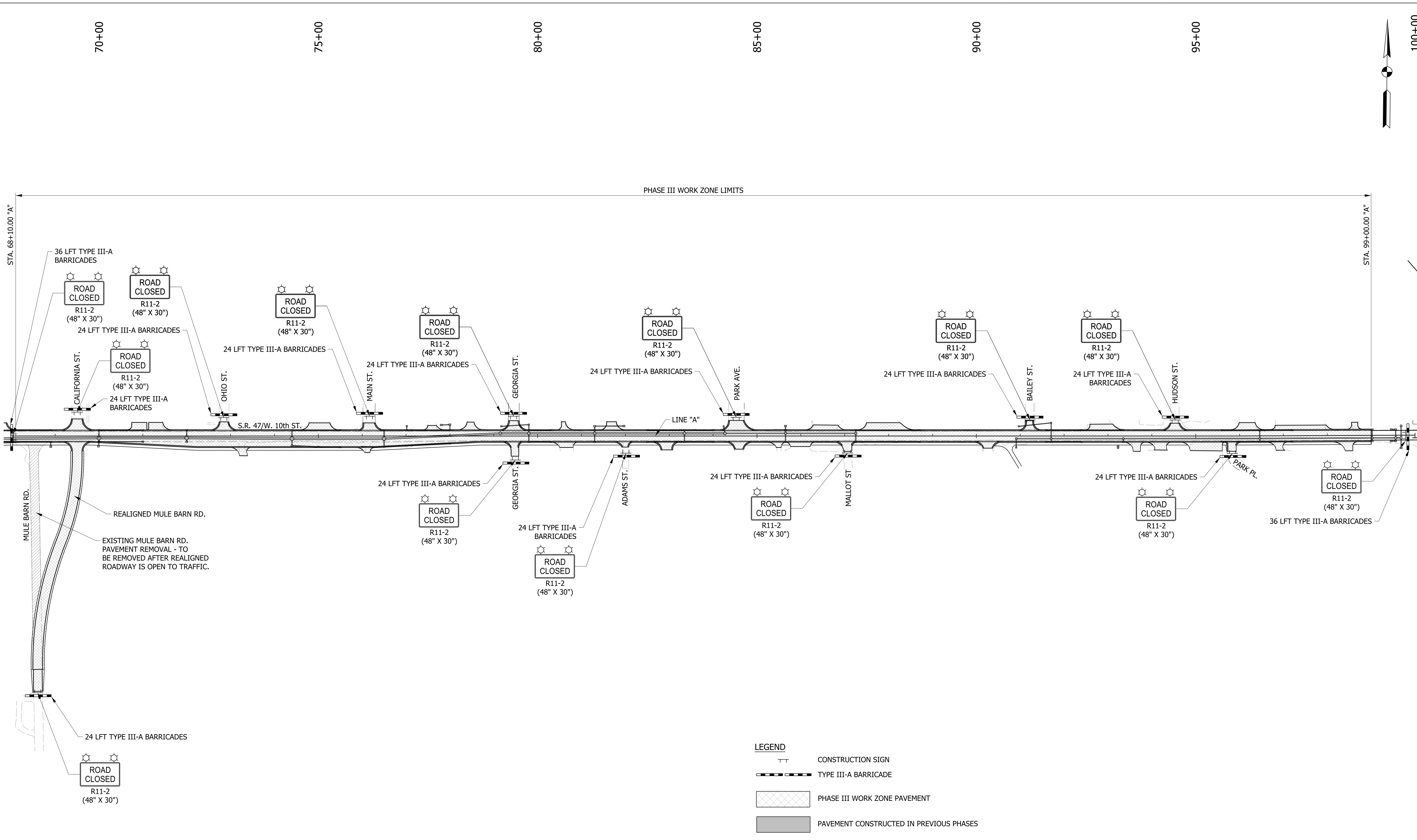
24 LFT OF TYPE III-B BARRICADE, EACH

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

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PHASE III
DETOUR ROUTE - SR 47**

HORIZONTAL SCALE	BRIDGE FILE
1" = 2000'	
VERTICAL SCALE	DESIGNATION
N/A	1601982
SURVEY BOOK	SHEETS
	19 of 196
CONTRACT	PROJECT
R-39288	1601982



LEGEND

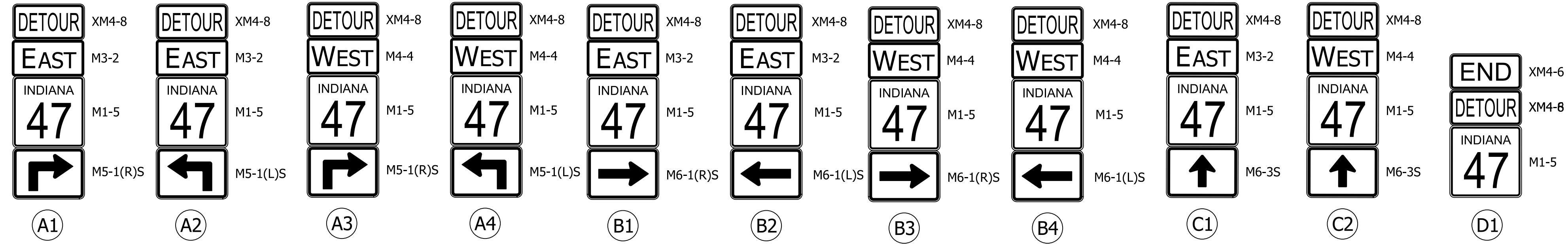
- Construction Sign (T-shaped symbol)
- Type III-A Barricade (dashed line symbol)
- Phase III Work Zone Pavement (cross-hatch pattern)
- Pavement Constructed in Previous Phases (solid grey fill)

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

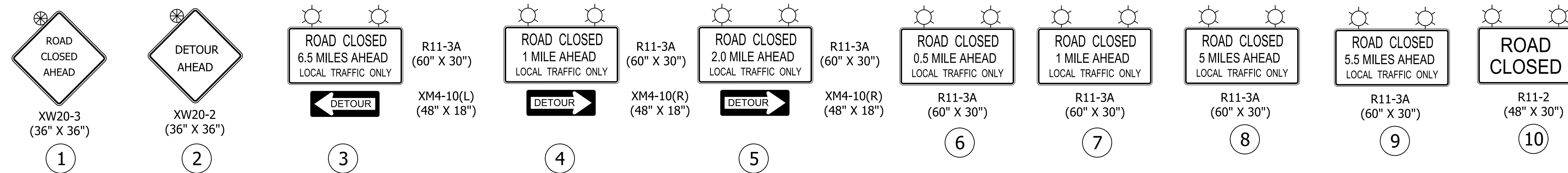
**INDIANA
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PHASE III WORK ZONE**

HORIZONTAL SCALE 1"=100'	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 1601982
SURVEY BOOK	SHEETS
CONTRACT R-39288	20 of 196 PROJECT 1601982



DETOUR ROUTE MARKER ASSEMBLIES



ROAD CLOSURE SIGN ASSEMBLY (RCSA)

MAINTENANCE OF TRAFFIC - QUANTITIES

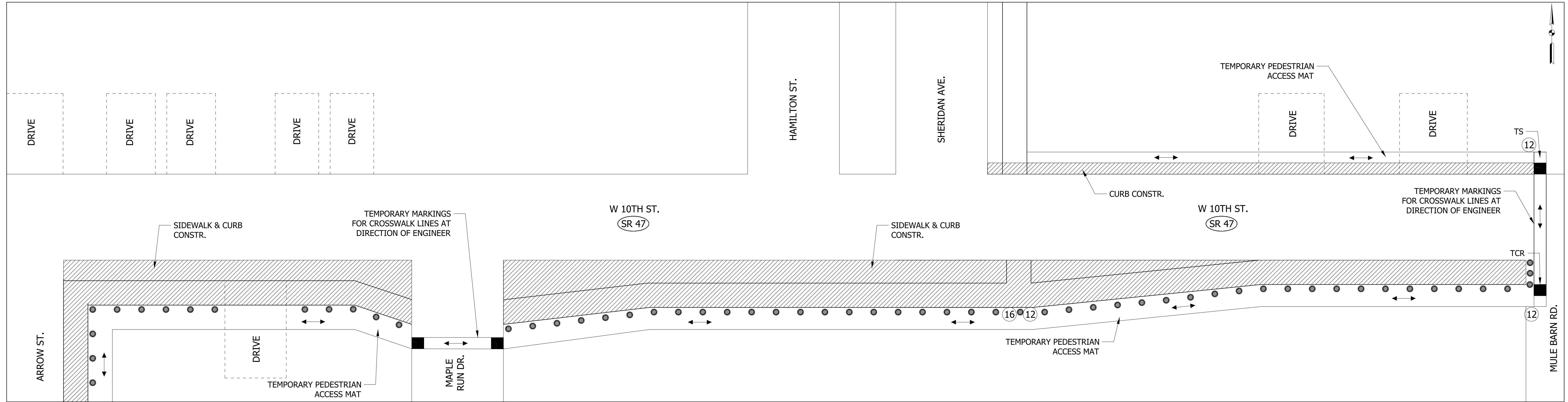
CONSTRUCTION SIGN TYPE A	9 - EACH
CONSTRUCTION SIGN TYPE B	2 - EACH
ROAD CLOSURE SIGN ASSEMBLY	14 - EACH
DETOUR ROUTE MARKER ASSEMBLY	70 - EACH
TYPE III-A BARRICADE	360 - LFT
TYPE III-B BARRICADE	96 - LFT
PORTABLE CHANGEABLE MESSAGE SIGN	2 - EACH

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

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
DETOUR ROUTE - S.R. 47

HORIZONTAL SCALE	BRIDGE FILE
1" = 2000'	
VERTICAL SCALE	DESIGNATION
N/A	1601982
SURVEY BOOK	SHEETS
	21 of 196
CONTRACT	PROJECT
R-39288	1601982



PROPOSED SIDEWALK CONSTRUCTION - PHASE II

SCALE: NTS
LOCATIONS

RT SIDEWALK: ARROW ST. TO MULE BARN RD.

LEGEND

16 SIDEWALK CLOSED R9-9



12 PEDESTRIAN DETOUR M4-9B



TYPE III-A BARRICADE

PROPOSED CURB OR SIDEWALK CONSTRUCTION WHERE REQ'D. SEE CONSTRUCTION DETAILS FOR LOCATIONS

NOTES:

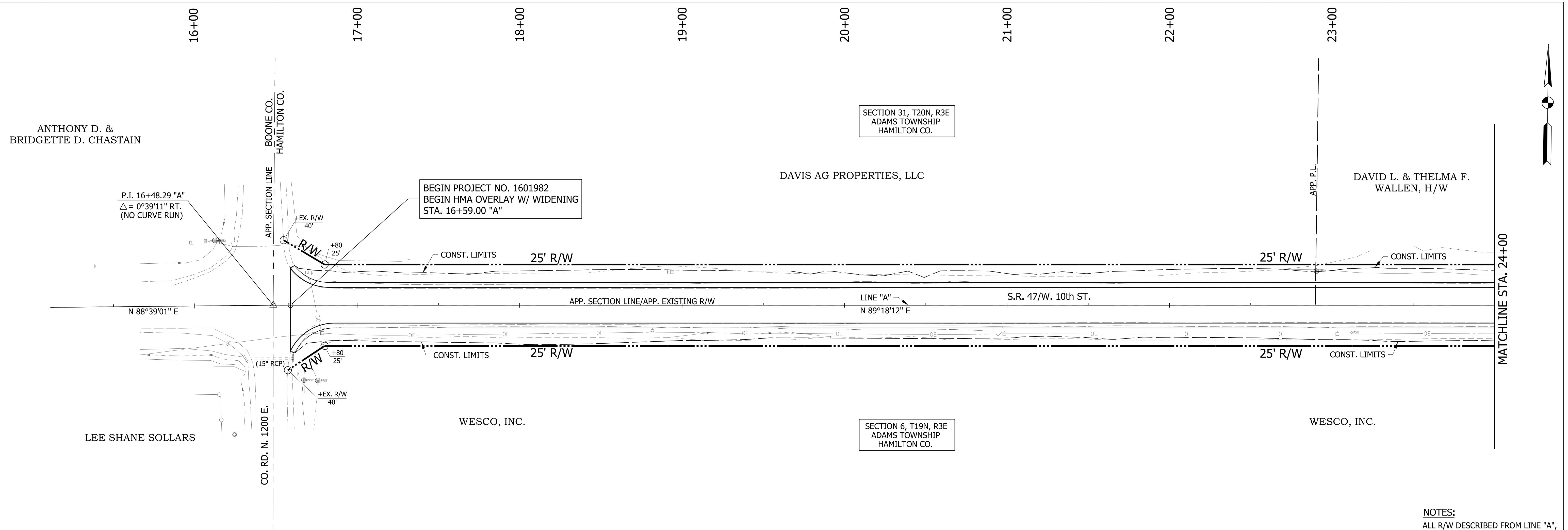
- EXISTING PEDESTRIAN FACILITIES ARE ONLY LOCATED IN THIS AREA. PEDESTRIAN MOT IS NOT REQUIRED FOR THE REMAINDER OF THE PROJECT.

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

INDIANA
DEPARTMENT OF TRANSPORTATION

GENERAL PEDESTRIAN DETAIL

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1601982
SURVEY BOOK	SHEETS
	22 of 196
CONTRACT	PROJECT
R-39288	1601982



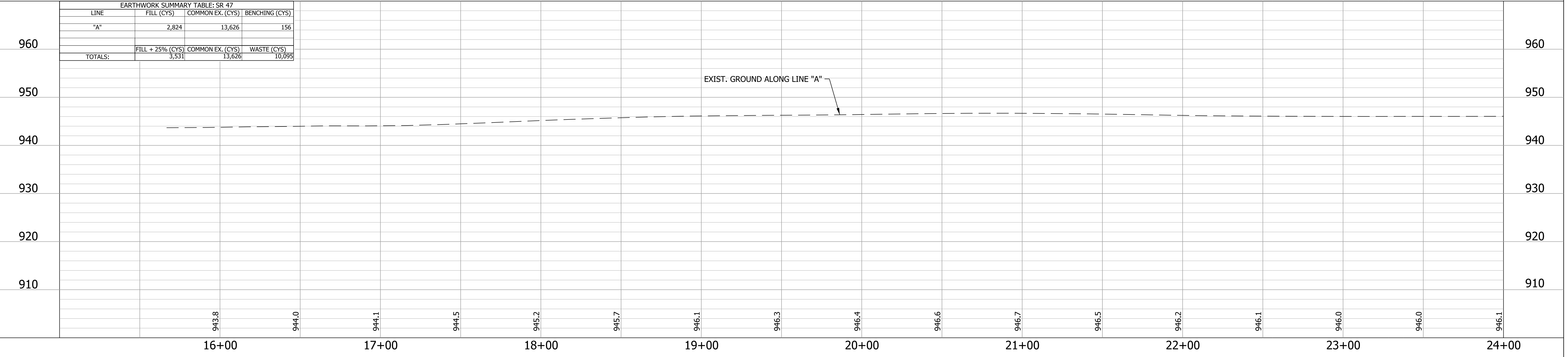
BEGIN PROJECT NO. 1601982
 BEGIN HMA OVERLAY W/ WIDENING
 STA. 16+59.00 "A"

SECTION 31, T20N, R3E
 ADAMS TOWNSHIP
 HAMILTON CO.

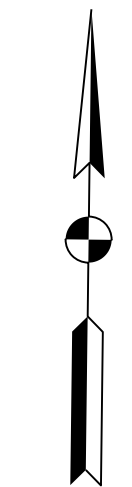
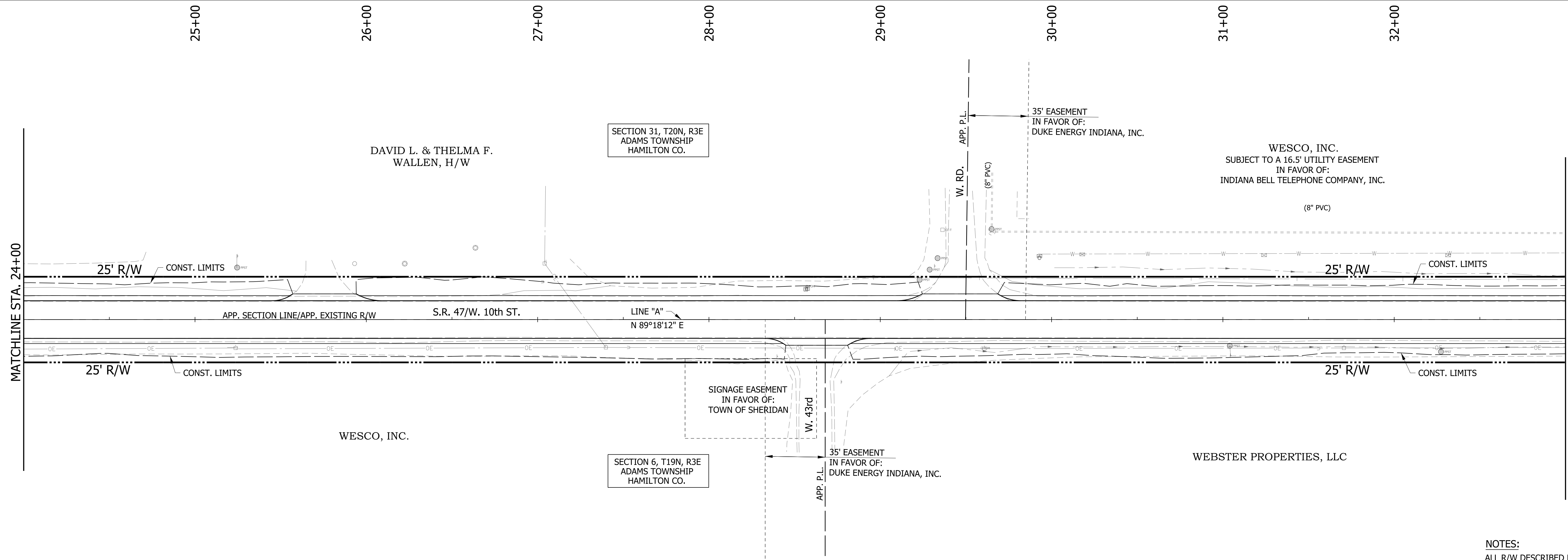
SECTION 6, T19N, R3E
 ADAMS TOWNSHIP
 HAMILTON CO.

NOTES:
 ALL R/W DESCRIBED FROM LINE "A",
 EXCEPT AS SHOWN.
 SEE SURVEY CONTROL SHEETS FOR
 ALIGNMENT DATA, REFERENCE TIES
 & BENCHMARKS

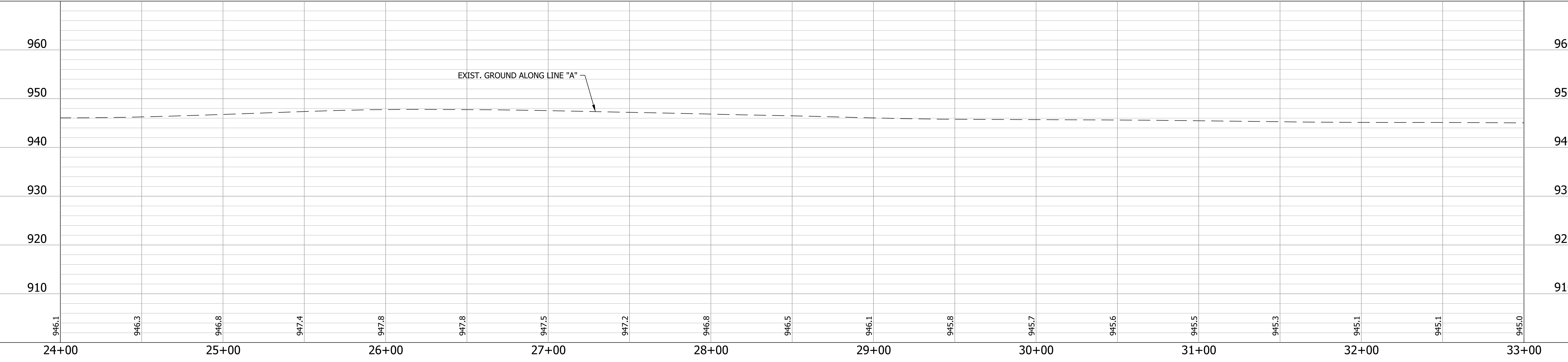
EARTHWORK SUMMARY TABLE: SR 47			
LINE	FILL (CYS)	COMMON EX. (CYS)	BENCHING (CYS)
"A"	2,824	13,626	156
TOTALS:	FILL + 25% (CYS) 3,531	COMMON EX. (CYS) 13,626	WASTE (CYS) 10,955



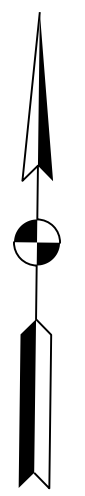
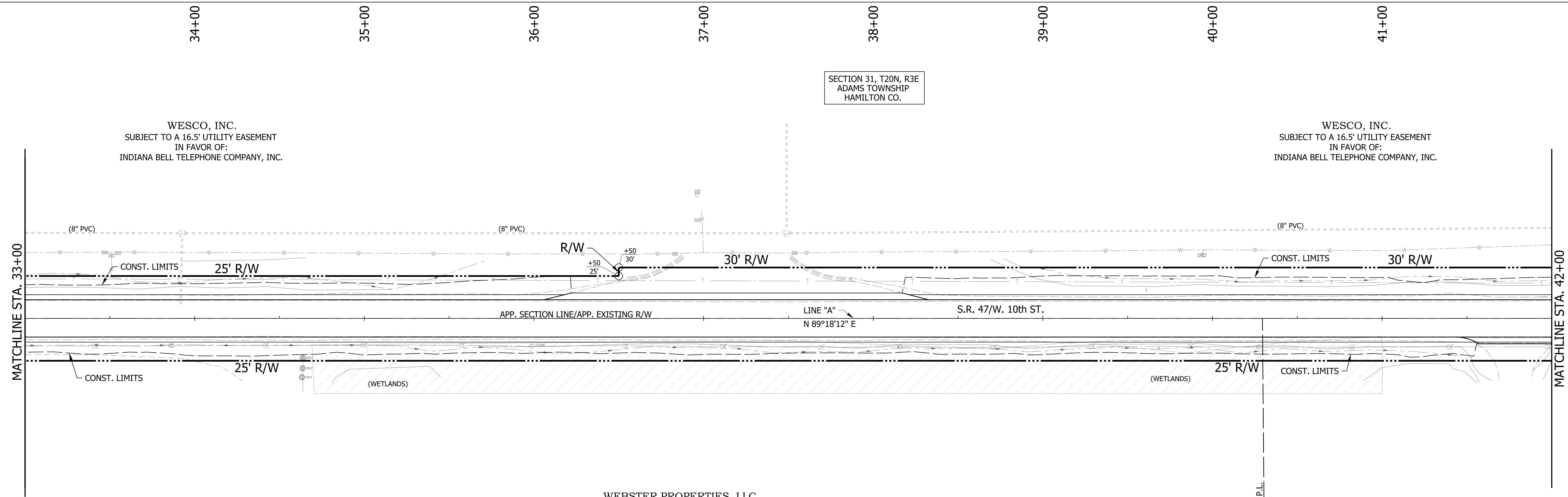
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1"=30'	BRIDGE FILE
			VERTICAL SCALE 1"=10'	DESIGNATION 1601982
DESIGNED: WRC	DRAWN: JWM	PLAN & PROFILE LINE "A"		SURVEY BOOK
CHECKED: LDW	CHECKED: WRC			CONTRACT R-39288
				PROJECT 1601982



NOTES:
 ALL R/W DESCRIBED FROM LINE "A",
 EXCEPT AS SHOWN.
 SEE SURVEY CONTROL SHEETS FOR
 ALIGNMENT DATA, REFERENCE TIES
 & BENCHMARKS



RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
				1"=30'	-
DESIGNED: WRC	DRAWN: JWM	PLAN & PROFILE LINE "A"		VERTICAL SCALE	DESIGNATION
				1"=10'	1601982
CHECKED: LDW	CHECKED: WRC			SURVEY BOOK	SHEETS
				-	24 of 196
				CONTRACT	PROJECT
				R-39288	1601982

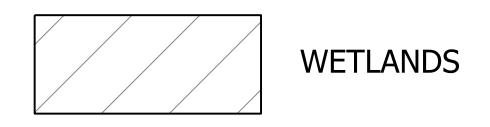


WEBSTER PROPERTIES, LLC

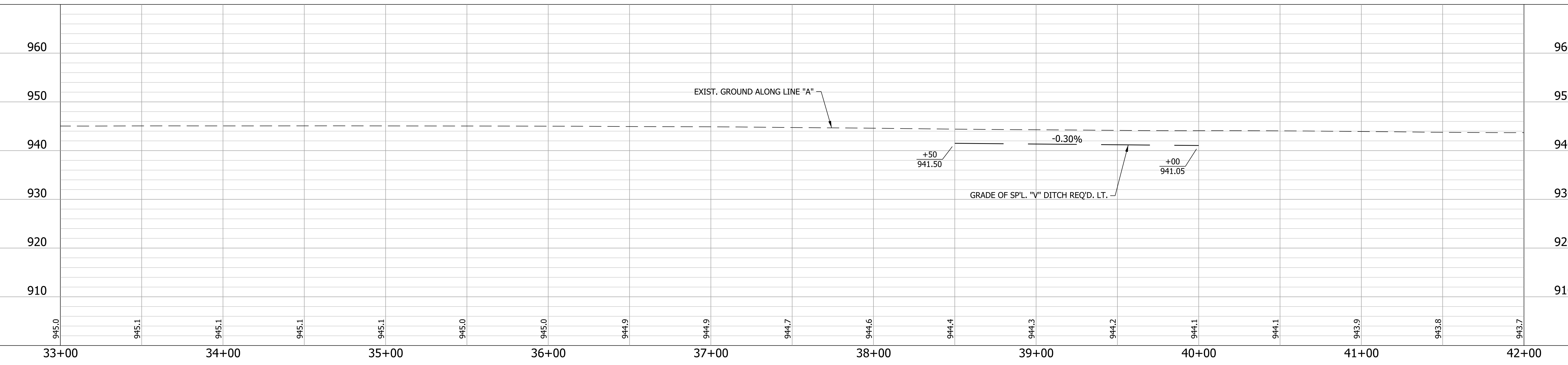
RAINMAKER PROPERTIES #2

SECTION 6, T19N, R3E
ADAMS TOWNSHIP
HAMILTON CO.

SECTION 31, T20N, R3E
ADAMS TOWNSHIP
HAMILTON CO.



NOTES:
 ALL R/W DESCRIBED FROM LINE "A",
 EXCEPT AS SHOWN.
 SEE SURVEY CONTROL SHEETS FOR
 ALIGNMENT DATA, REFERENCE TIES
 & BENCHMARKS

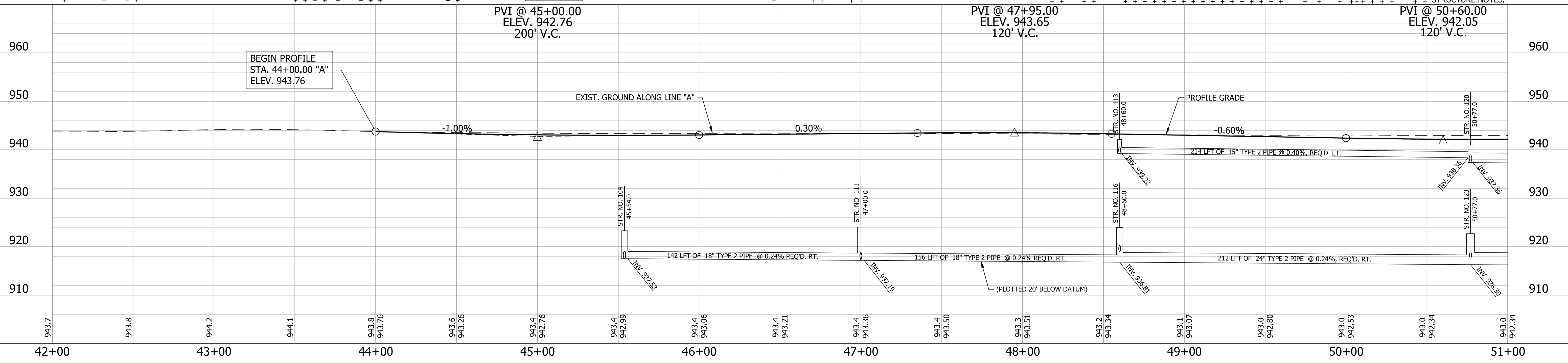
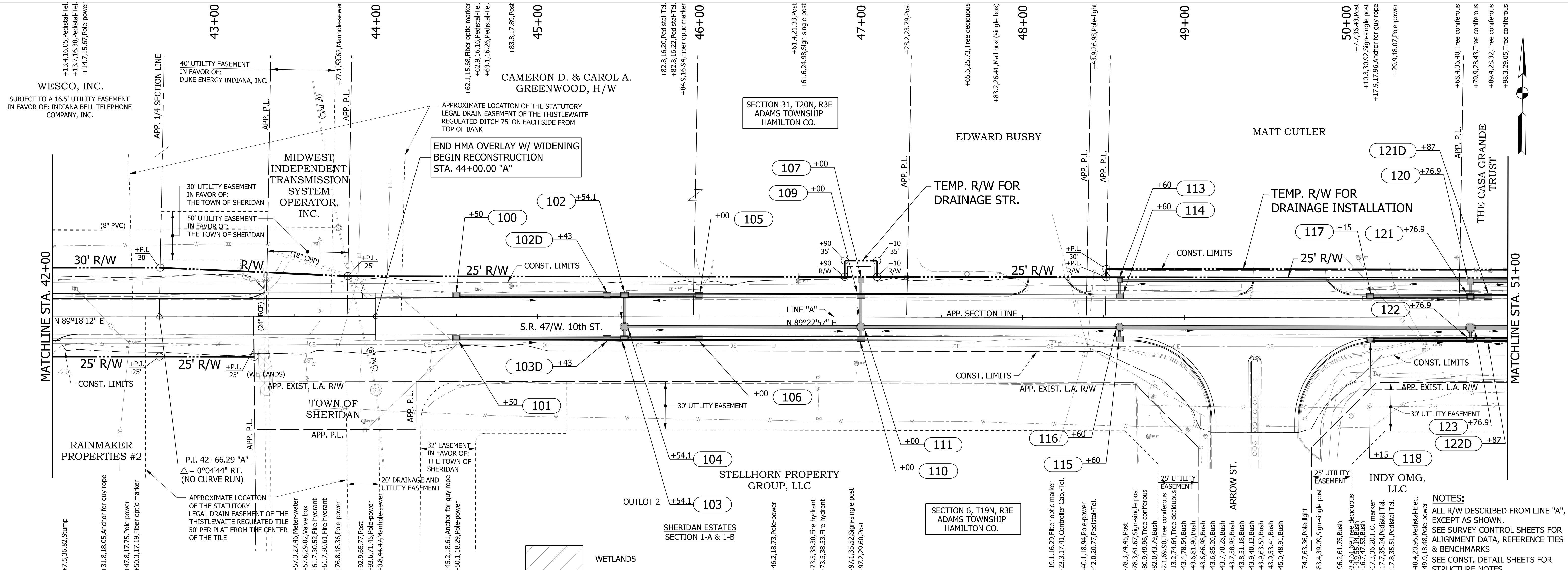


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: WRC	DRAWN: JWM	
CHECKED: LDW	CHECKED: WRC	

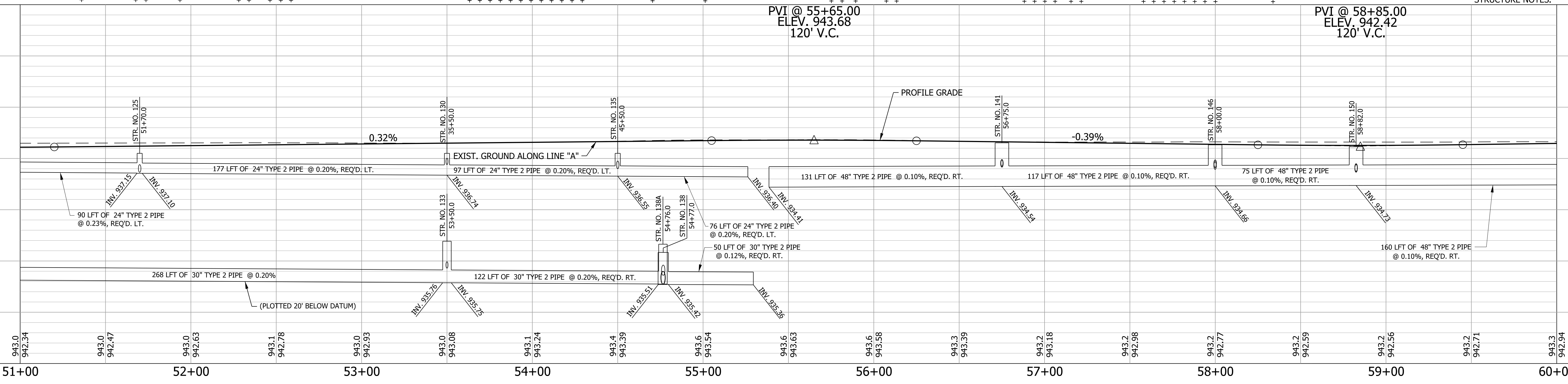
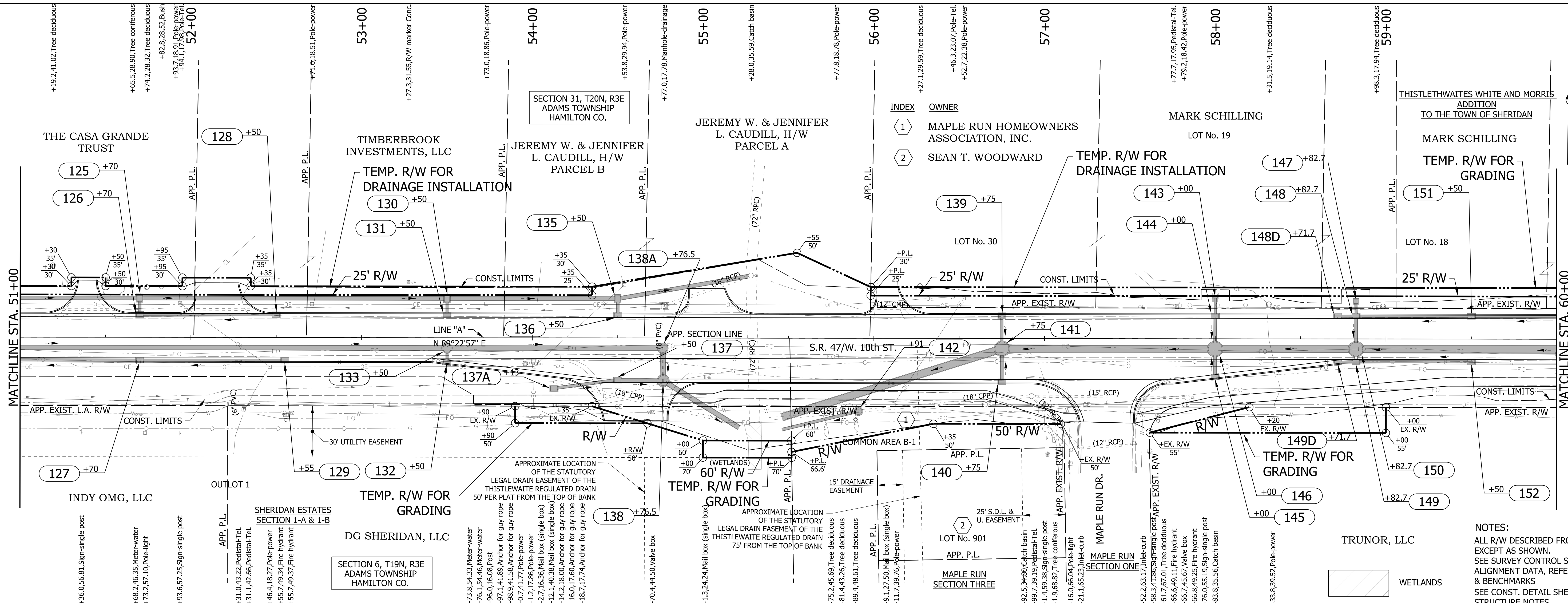
**INDIANA
DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE
LINE "A"**

HORIZONTAL SCALE 1"=30'	BRIDGE FILE
VERTICAL SCALE 1"=10'	DESIGNATION 1601982
SURVEY BOOK	SHEETS
CONTRACT R-39288	25 of 196 PROJECT 1601982



LEGEND +STA. (STR. NO.)		RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION PLAN & PROFILE LINE "A"	HORIZONTAL SCALE 1"=30'	BRIDGE FILE
DESIGNED: WRC CHECKED: LDW	DRAWN: JWM CHECKED: WRC	SURVEY BOOK CONTRACT R-39288			VERTICAL SCALE 1"=10'	DESIGNATION 1601982
				SHEETS 26 of 196		PROJECT 1601982



LEGEND
+STA. STR. NO.

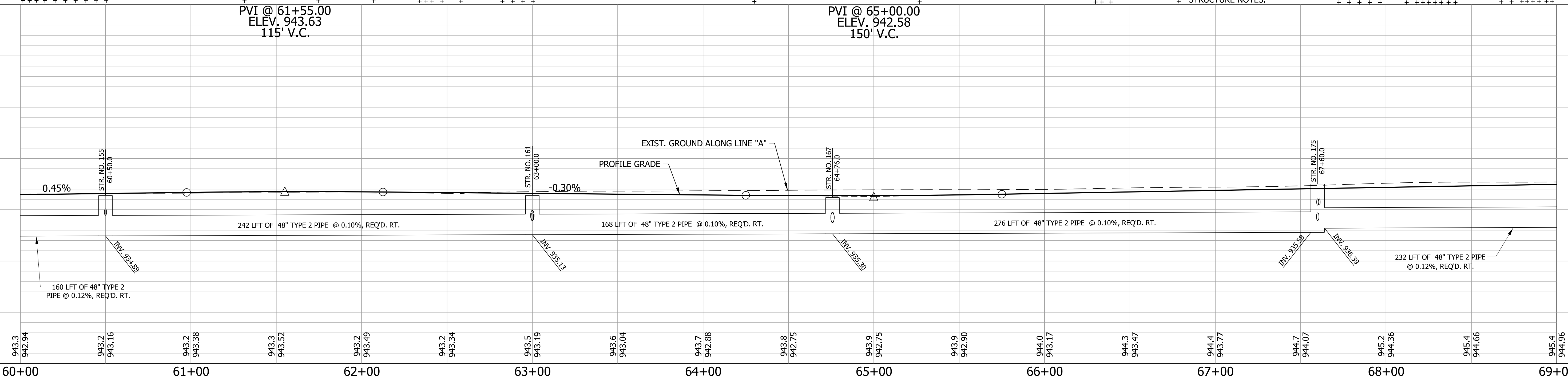
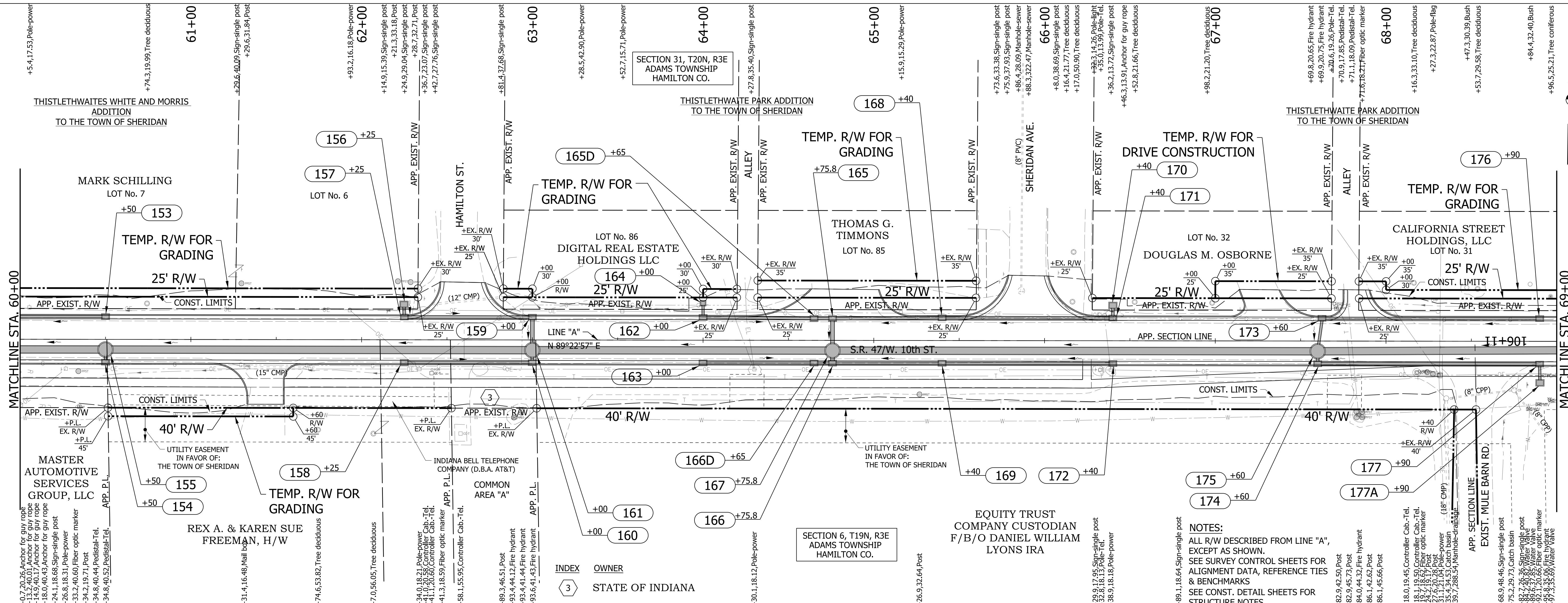
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DESIGNED: WRC	DRAWN: JWM	
CHECKED: LDW	CHECKED: WRC	

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	
VERTICAL SCALE	DESIGNATION
1"=10'	1601982
SURVEY BOOK	SHEETS
	27 of 196
CONTRACT	PROJECT
R-39288	1601982

NOTES:
ALL R/W DESCRIBED FROM LINE "A", EXCEPT AS SHOWN. SEE SURVEY CONTROL SHEETS FOR ALIGNMENT DATA, REFERENCE TIES & BENCHMARKS. SEE CONST. DETAIL SHEETS FOR STRUCTURE NOTES.



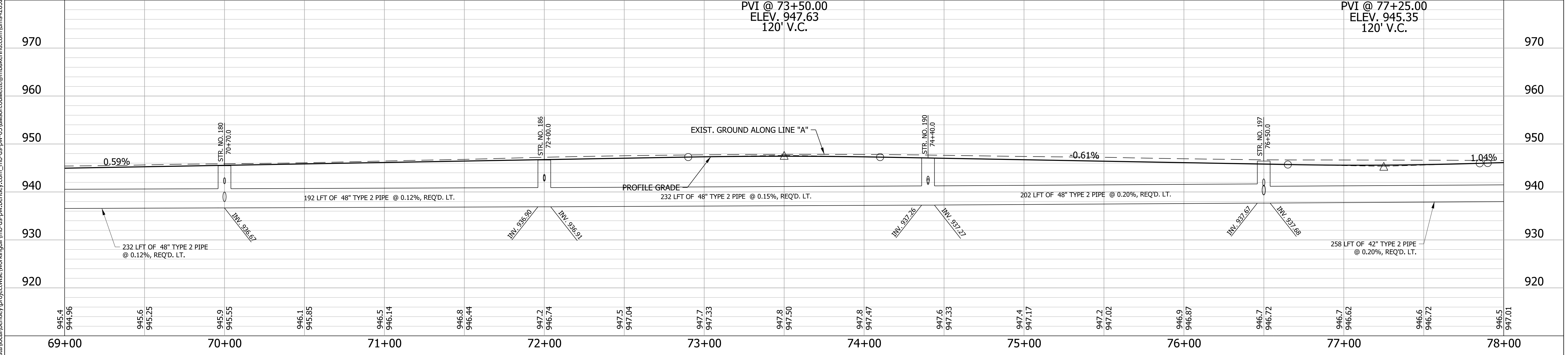
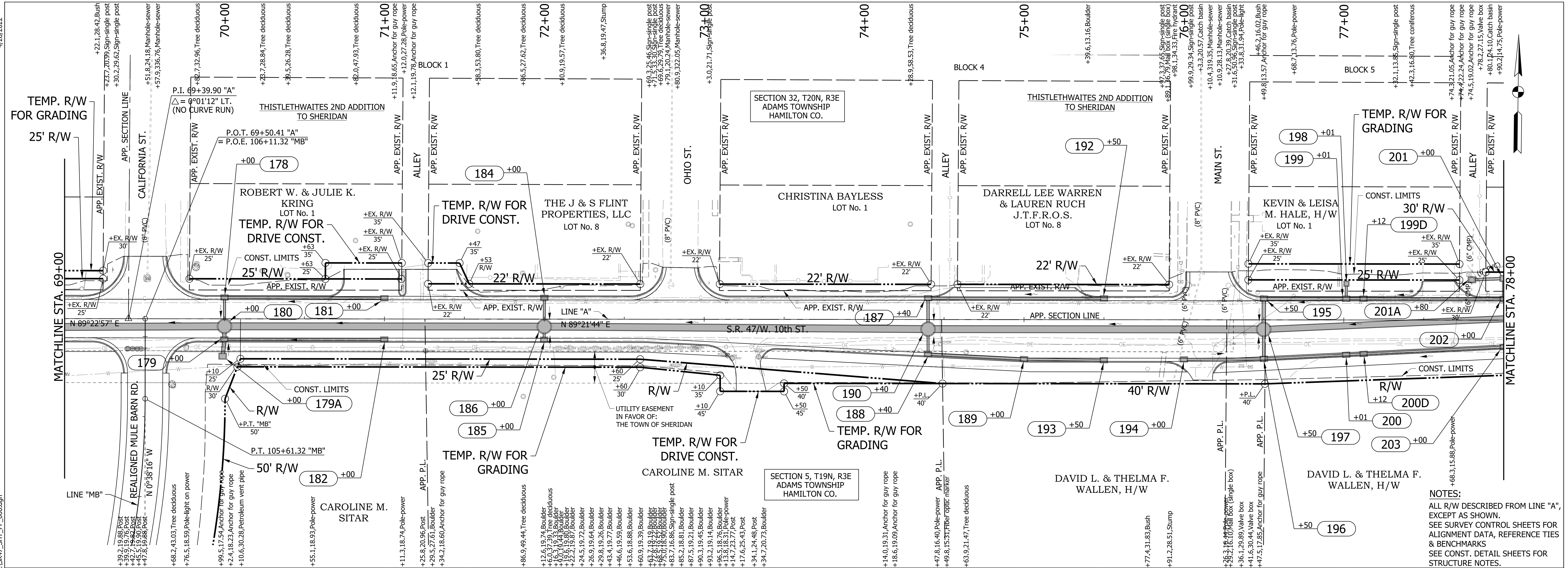
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: WRC	DRAWN: JWM	
CHECKED: LDW	CHECKED: WRC	

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	
VERTICAL SCALE	DESIGNATION
1"=10'	1601982
SURVEY BOOK	SHEETS
	28 of 196
CONTRACT	PROJECT
R-39288	1601982



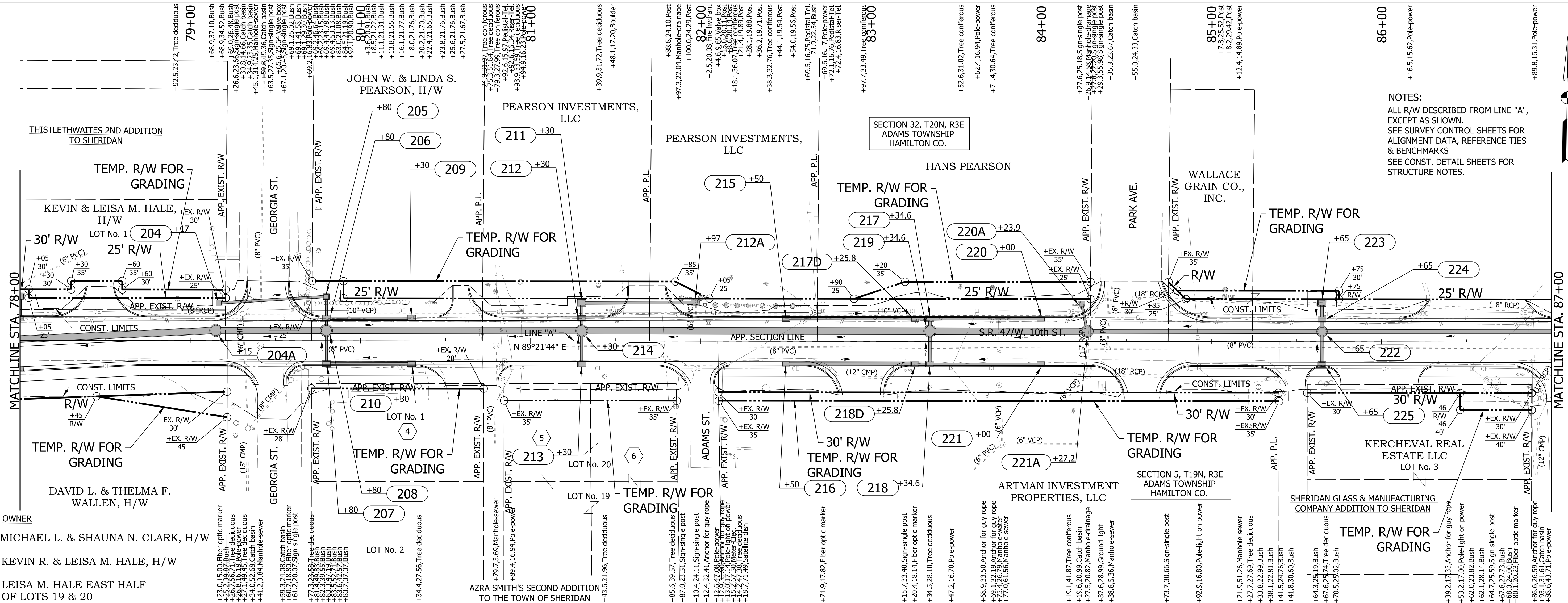
LEGEND
 +STA. STR. NO.

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

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE LINE "A"

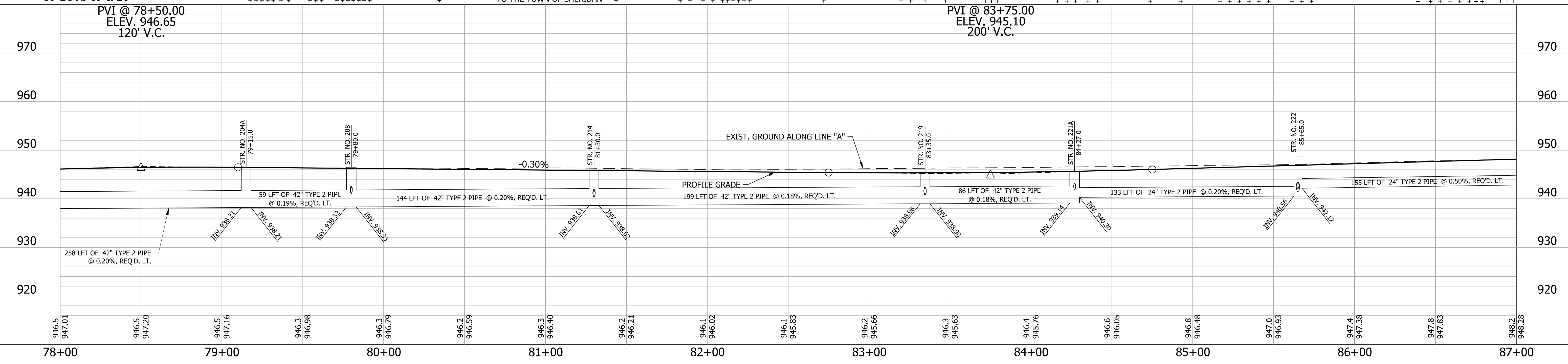
HORIZONTAL SCALE 1"=30'	BRIDGE FILE
VERTICAL SCALE 1"=10'	DESIGNATION 1601982
SURVEY BOOK	SHEETS 29 of 196
CONTRACT R-39288	PROJECT 1601982



NOTES:
 ALL R/W DESCRIBED FROM LINE "A", EXCEPT AS SHOWN.
 SEE SURVEY CONTROL SHEETS FOR ALIGNMENT DATA, REFERENCE TIES & BENCHMARKS
 SEE CONST. DETAIL SHEETS FOR STRUCTURE NOTES.

INDEX

4	MICHAEL L. & SHAUNA N. CLARK, H/W
5	KEVIN R. & LEISA M. HALE, H/W
6	LEISA M. HALE EAST HALF OF LOTS 19 & 20



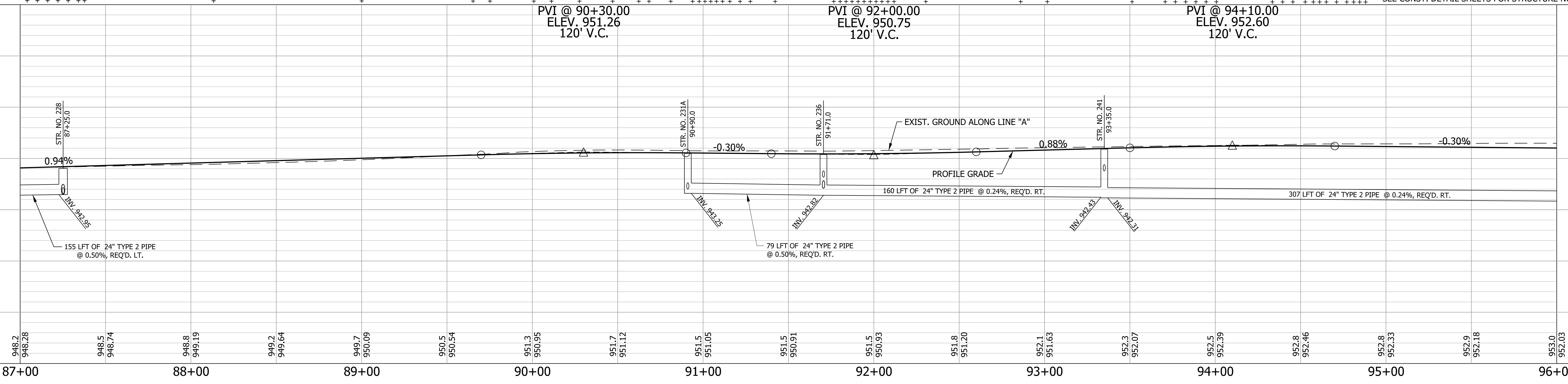
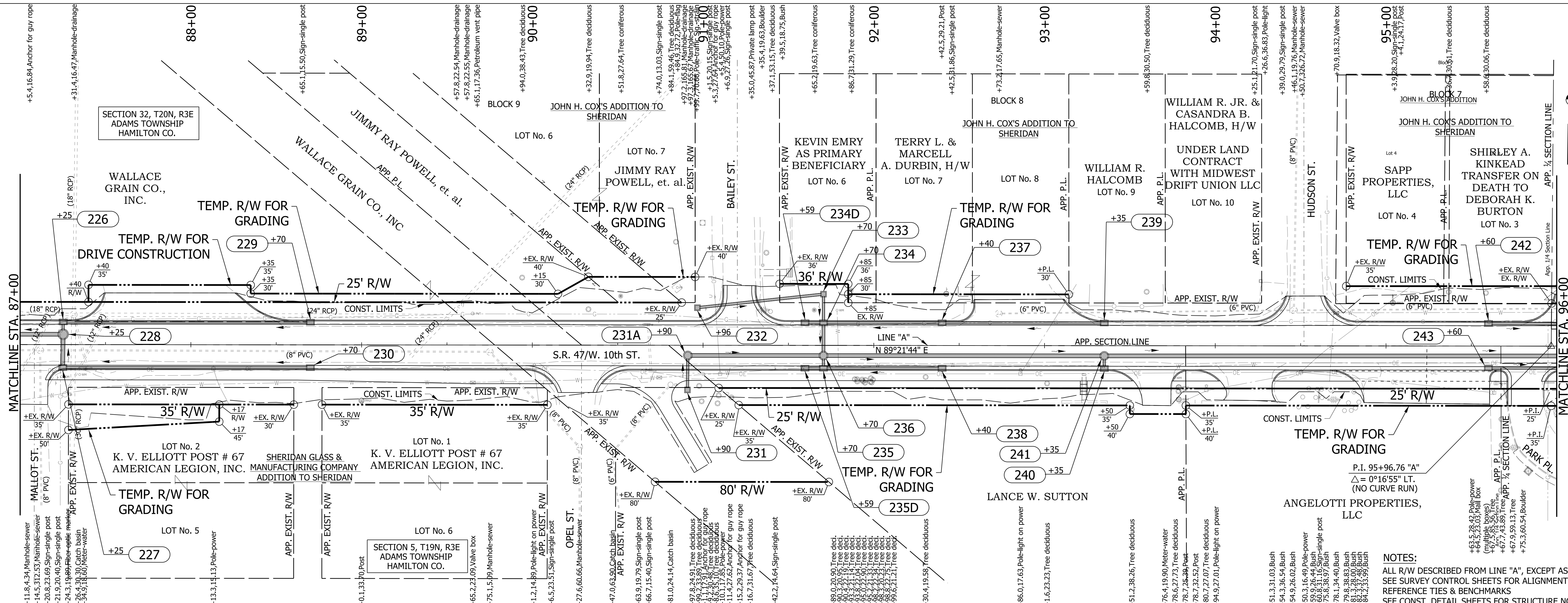
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: WRC	DRAWN: JWM	
CHECKED: LDW	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	
VERTICAL SCALE	DESIGNATION
1"=10'	1601982
SURVEY BOOK	SHEETS
	30 of 196
CONTRACT	PROJECT
R-39288	1601982



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 SEE SURVEY CONTROL SHEETS FOR ALIGNMENT DATA,
 REFERENCE TIES & BENCHMARKS
 SEE CONST. DETAIL SHEETS FOR STRUCTURE NOTES.

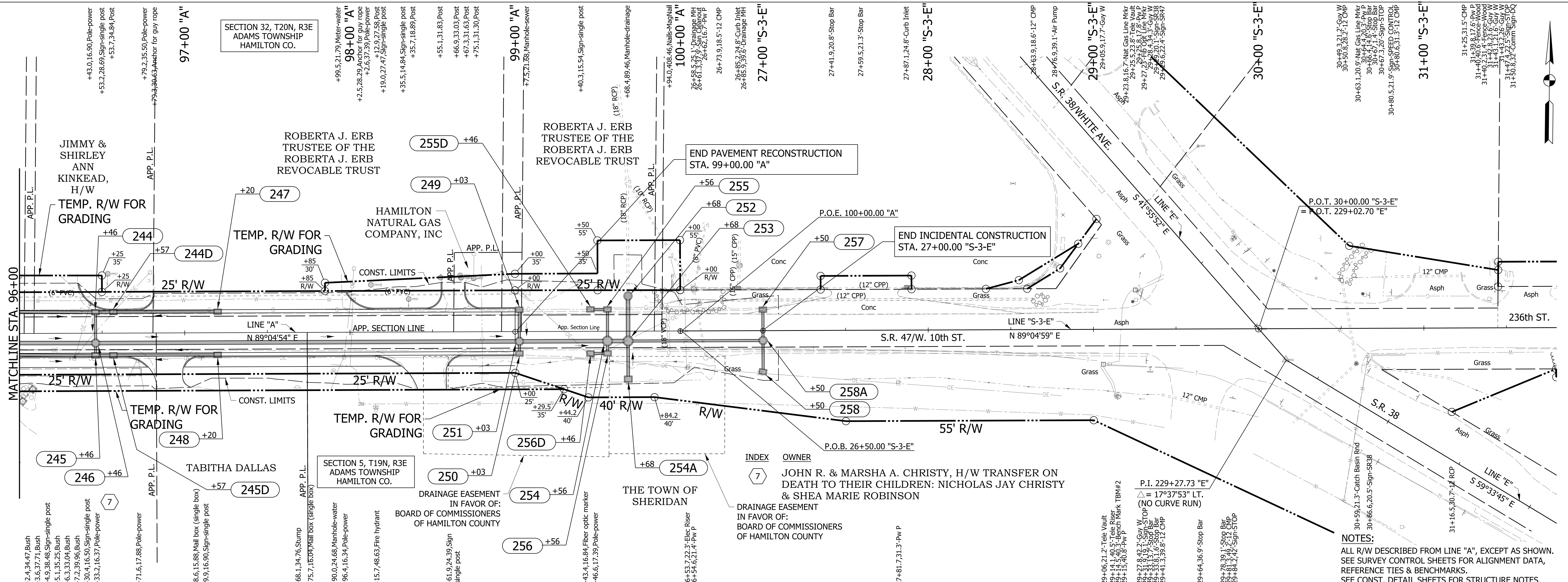
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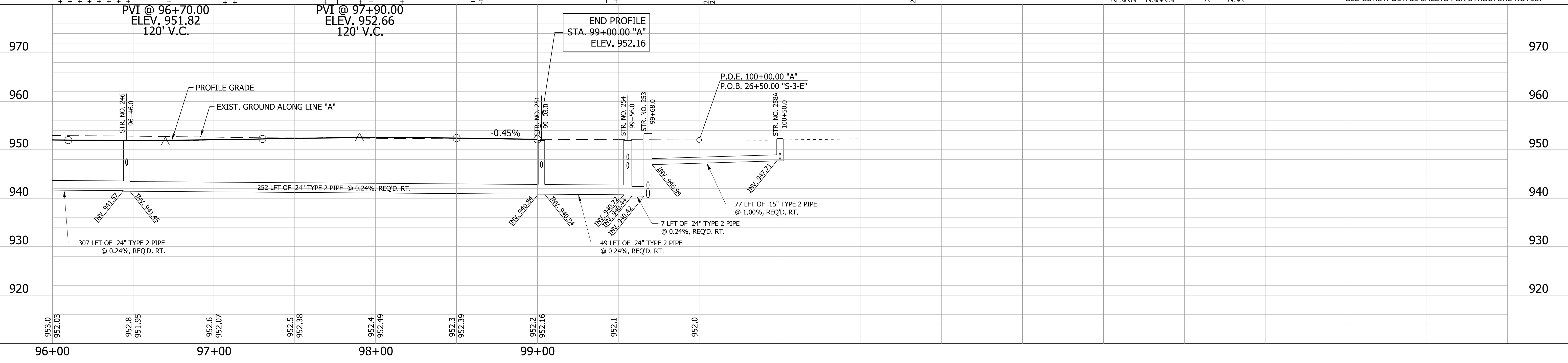
**INDIANA
DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE
LINE "A"**

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	
VERTICAL SCALE	DESIGNATION
1"=10'	1601982
SURVEY BOOK	SHEETS
	31 of 196
CONTRACT	PROJECT
R-39288	1601982



NOTES:
 ALL R/W DESCRIBED FROM LINE "A", EXCEPT AS SHOWN.
 SEE SURVEY CONTROL SHEETS FOR ALIGNMENT DATA,
 REFERENCE TIES & BENCHMARKS.
 SEE CONST. DETAIL SHEETS FOR STRUCTURE NOTES.



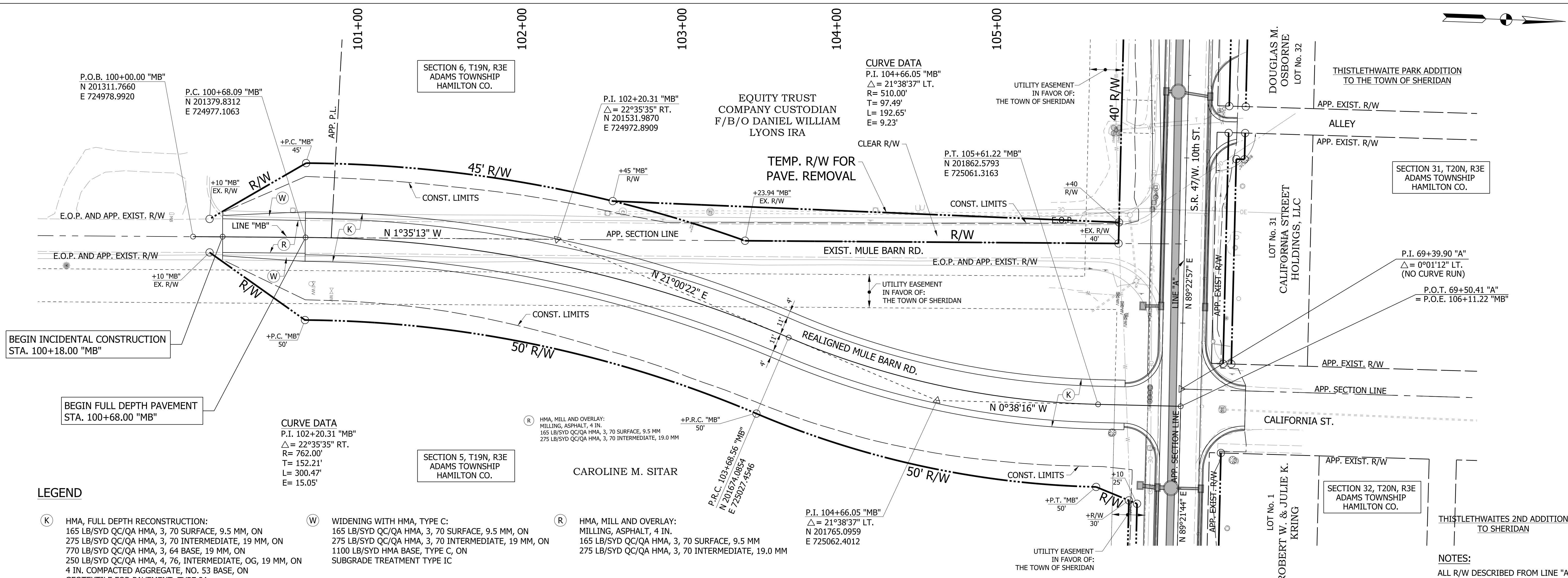
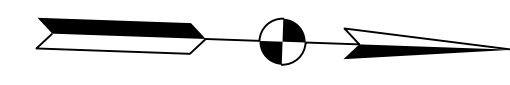
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: WRC	DRAWN: JWM	
CHECKED: LDW	CHECKED: WRC	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE
LINE "A" & "S-3-E"**

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	
VERTICAL SCALE	DESIGNATION
1"=10'	1601982
SURVEY BOOK	SHEETS
	32 of 196
CONTRACT	PROJECT
R-39288	1601982



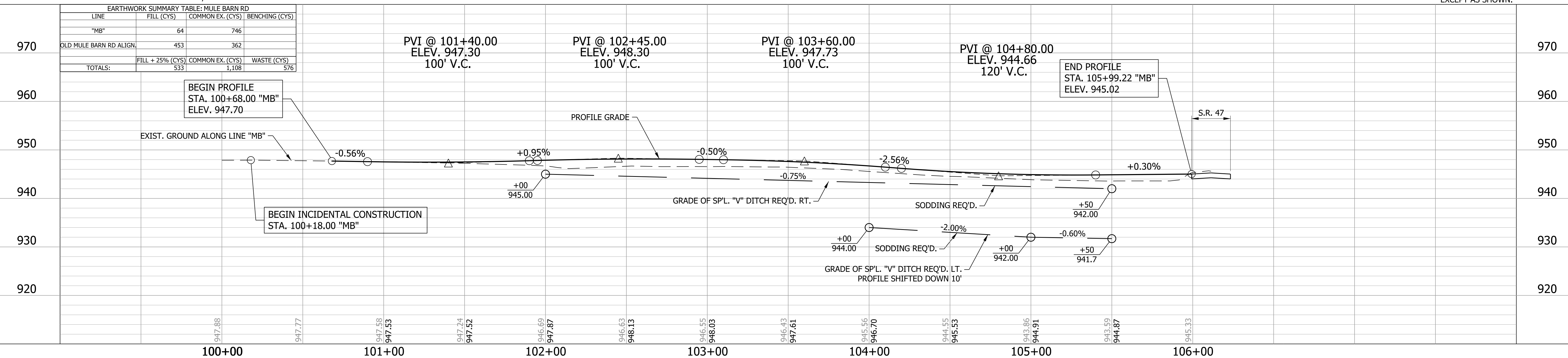
LEGEND

- (K) HMA, FULL DEPTH RECONSTRUCTION: 165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM, ON 275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19 MM, ON 770 LB/SYD QC/QA HMA, 3, 64 BASE, 19 MM, ON 250 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON 4 IN. COMPACTED AGGREGATE, NO. 53 BASE, ON GEOTEXTILE FOR PAVEMENT, TYPE 2A
- (W) WIDENING WITH HMA, TYPE C: 165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM, ON 275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19 MM, ON 1100 LB/SYD HMA BASE, TYPE C, ON SUBGRADE TREATMENT TYPE IC
- (R) HMA, MILL AND OVERLAY: MILLING, ASPHALT, 4 IN. 165 LB/SYD QC/QA HMA, 3, 70 SURFACE, 9.5 MM 275 LB/SYD QC/QA HMA, 3, 70 INTERMEDIATE, 19.0 MM

EARTHWORK SUMMARY TABLE: MULE BARN RD

LINE	FILL (CYS)	COMMON EX. (CYS)	BENCHING (CYS)
"MB"	64	746	
OLD MULE BARN RD ALIGN.	453	362	
TOTALS:	FILL + 25% (CYS) 533	COMMON EX. (CYS) 1,108	WASTE (CYS) 576

PVI @ 101+40.00 ELEV. 947.30 100' V.C.
 PVI @ 102+45.00 ELEV. 948.30 100' V.C.
 PVI @ 103+60.00 ELEV. 947.73 100' V.C.
 PVI @ 104+80.00 ELEV. 944.66 120' V.C.

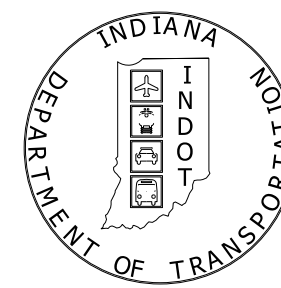


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: WRC	DRAWN: JWM	CHECKED: LDW		VERTICAL SCALE	DESIGNATION
			PLAN & PROFILE LINE "MB"	1"=30'	1601982
				1"=10'	
			SURVEY BOOK	SHEETS	
			CONTRACT R-39288	33 of 196	PROJECT 1601982

PROJECT	DESIGNATION
1601982	2000816
CONTRACT	BRIDGE FILE
R-39288	.

KIN PROJECT INFORMATION	
DESIGNATION	PROJECT DESCRIPTION
1601982	SR 47, ROAD RECONSTRUCTION (LEAD)
1592544	SR 38, ROAD REHABILITATION

INDIANA DEPARTMENT OF TRANSPORTATION



ROAD PLANS

ROUTE: S.R. 47 AT: RP 64+22

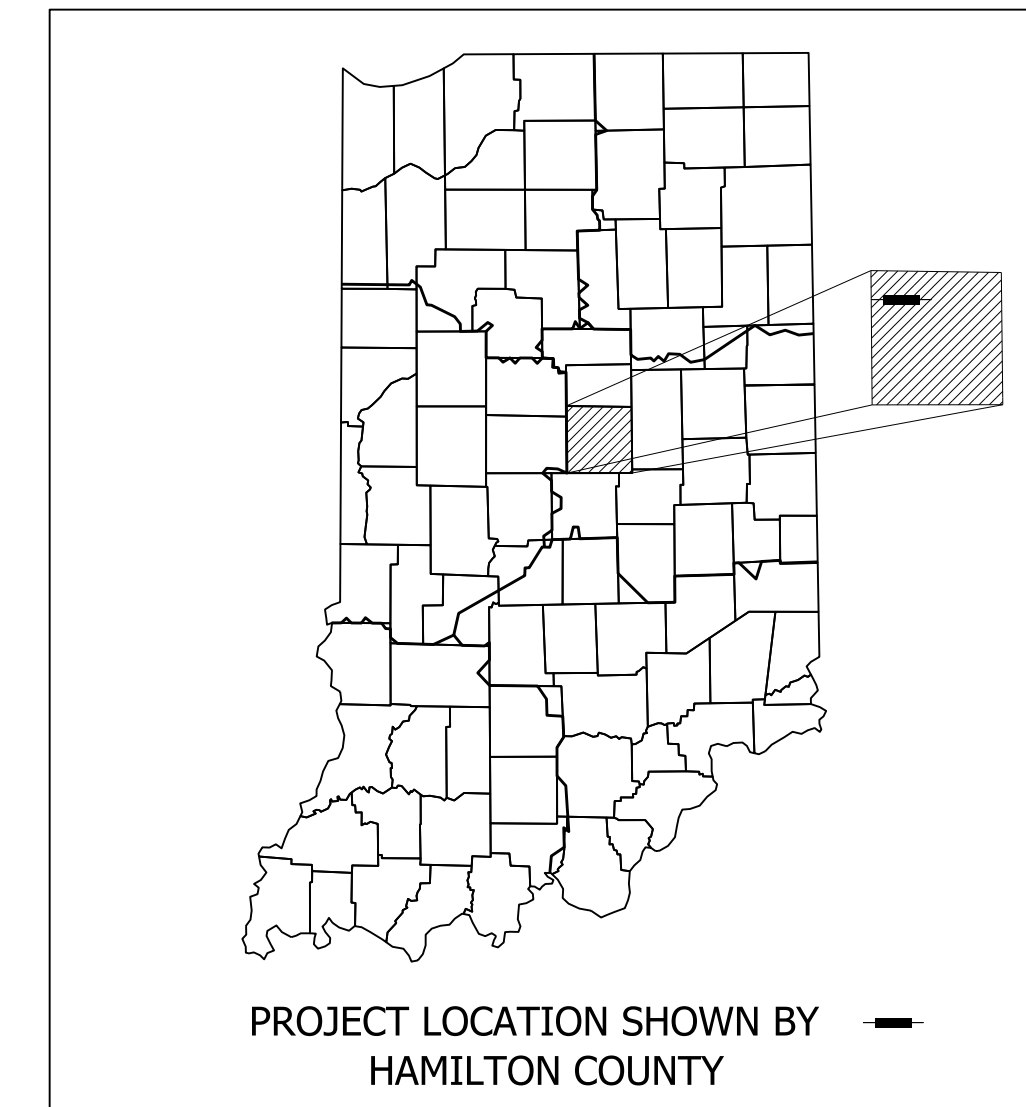
PROJECT NO. 1601982 P.E.
 1601982 R/W
 1601982 CONST.

***Cross section sheets removed due to file size**

THE INTERSECTION OF SR 47 AND SR 38 WILL BE RECONSTRUCTED WITH A ROUNDABOUT. THE PROJECT IS LOCATED IN SECTION 32, T-20-N, R-3-E, AND SECTION 5, T-19-N, R-3-E, ADAMS TOWNSHIP, HAMILTON COUNTY, INDIANA.

TRAFFIC DATA	Intersection - Roundabout	
	SR 38	SR 47
AADT (2023)	3,996 V.P.D.	7,804 V.P.D.
AADT (2043)	4,736 V.P.D.	10,044 V.P.D.
DHV (2043)	464 V.P.H.	948 V.P.H.
Directional Distribution	50.1%	49.2%
Trucks	7.6 % D.H.V.	8.9 % D.H.V.
	7.3 % A.A.D.T.	10.3 % A.A.D.T.

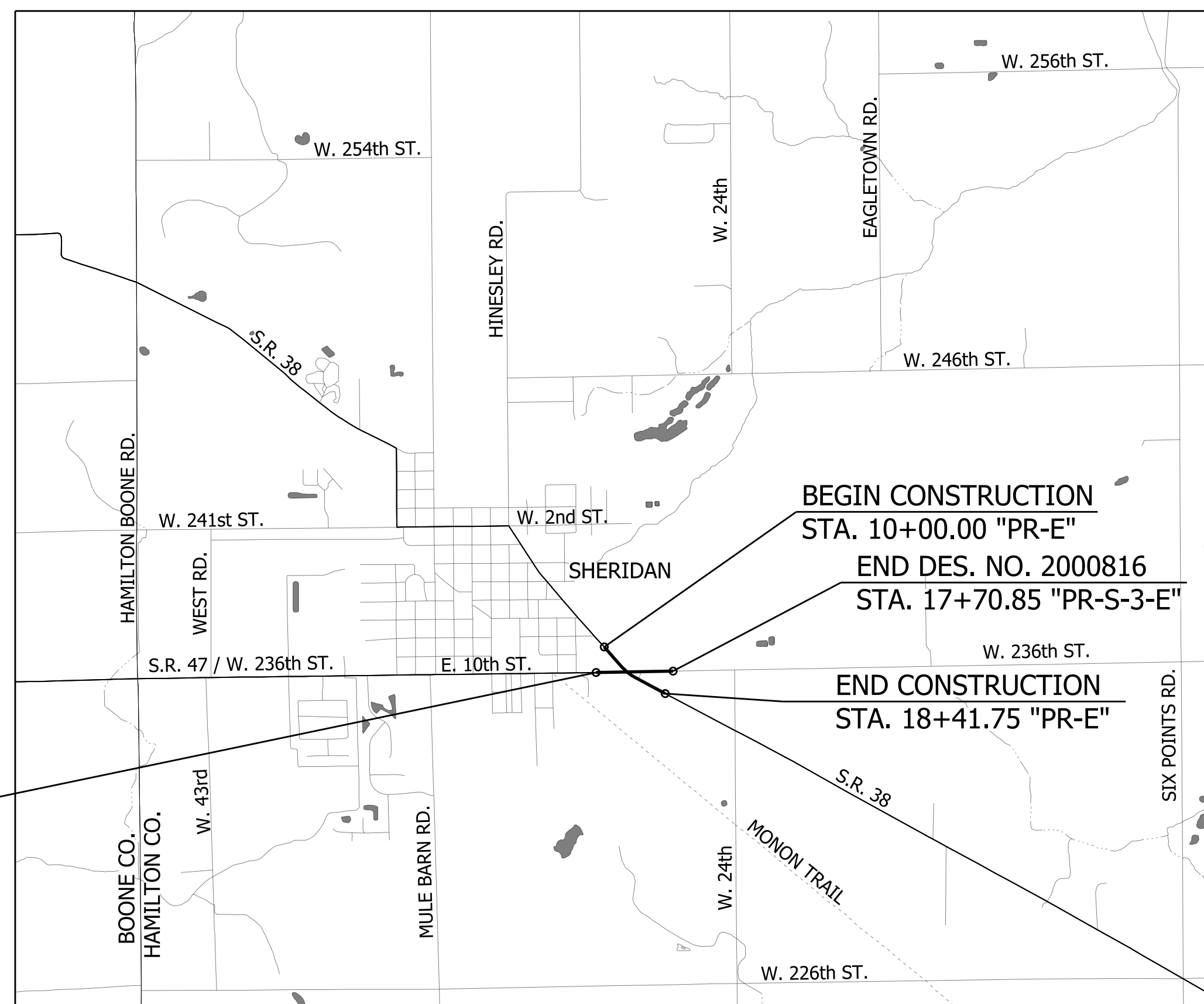
DESIGN DATA	30 M.P.H.	
	Design Speed	30 M.P.H.
Project Design Criteria	4R - Reconstruction (Non-Freeway)	4R - Reconstruction (Non-Freeway)
Functional Classification	State Collector	State Collector
Rural/Urban	Urban (Suburban)	Urban (Suburban)
Terrain	Level	Level
Access Control	None	None



LATITUDE: 40° 07' 48" N LONGITUDE: 86° 12' 39" W

H.U.C. 05120201080080 & 05120201120030

BRIDGE LENGTH:	0.0	MI.
ROADWAY LENGTH:	0.33	MI.
TOTAL LENGTH:	0.33	MI.
MAX. GRADE:	2.70	%



BEGIN DES. NO. 2000816
STA. 10+00.00 "PR-S-3-E"

LOCATION MAP
HAMILTON COUNTY

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2022
TO BE USED WITH THESE PLANS



Michael Baker International
3925 River Crossing Parkway, Suite 20
Indianapolis, IN 46240
Tel: 317-663-8430 Fax: 317-663-8410
www.mbakertnt.com

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

	BRIDGE FILE
	DESIGNATION
	2000816
SURVEY BOOK	SHEETS
	1 of 46
CONTRACT	PROJECT
R-39288	1601982

UTILITIES

<p>AT&T INDIANA (TELEPHONE) 116 E. TAYLOR ST. KOKOMO, IN 46901 ATTN: CURT MILLER 765-454-4054 cm5432@att.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>CROWN CASTLE FIBER 300 MERIDIAN CENTER ROCHESTER, NY 14618 ATTN: CRAIG BROWN 585-402-8342 craig.brown@crowncastle.com</p>	<p>INDIANA AMERICAN WATER (WATER & SEWER) 153 N. EMERSON AVE. GREENWOOD, IN 46143 ATTN: MICHAEL SEALS 317-885-2444 michael.seals@amwater.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>VECTREN ENERGY DELIVERY (GAS) 16000 ALLISONVILLE RD NOBLESVILLE, IN 46061 ATTN: SHAWN WILLIAMS 317-776-5574 shawn.williams@centerpointenergy.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



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

INDEX

SHEET NO.	DRAWINGS INDEX
1	TITLE
2	INDEX AND GENERAL NOTES
3-7	TYPICAL SECTIONS
8	PLAT NO. 01
9	SURVEY CONTROL
10	GEOMETRIC TIE-UP SHEET
11	ROUNDBOUT GEOMETRIC LAYOUT
12-16	MAINTENANCE OF TRAFFIC
17-20	PLAN AND PROFILE
21-25	CONSTRUCTION DETAILS
26	ROUNDBOUT GRADING PLAN
27-28	CURB RAMP DETAILS
29	WALL DETAILS
30-33	TEMPORARY EROSION & SEDIMENT CONTROL DETAILS
34-37	PAVEMENT MARKING AND SIGNING DETAILS
38	SIGN DETAILS
39	SHEET SIGN SUMMARY
40	LIGHTING DETAILS
41	SUMMARY OF QUANTITIES AND APPROACH TABLE
42-43	UNDERDRAIN TABLES
44	MISCELLANEOUS TABLES
45	STRUCTURE DATA TABLE
46	PIPE MATERIAL TABLES
47-85	CROSS SECTIONS

REVISIONS

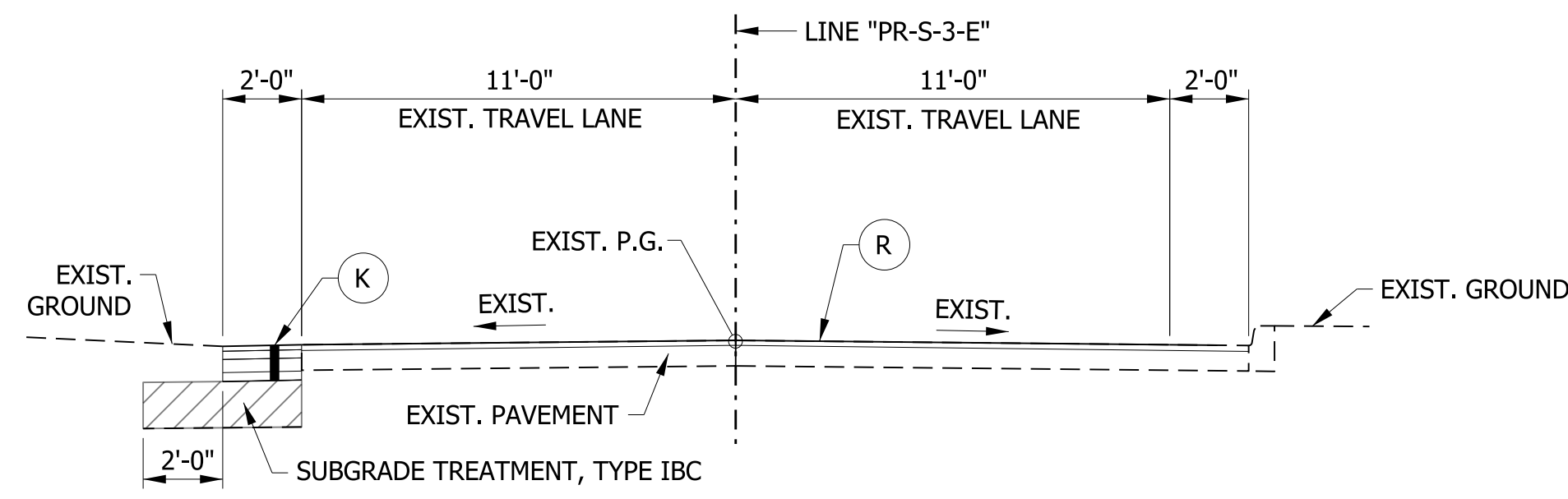
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RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ WRC	DRAWN: _____ JWM	
CHECKED: _____ LDW	CHECKED: _____ WRC	

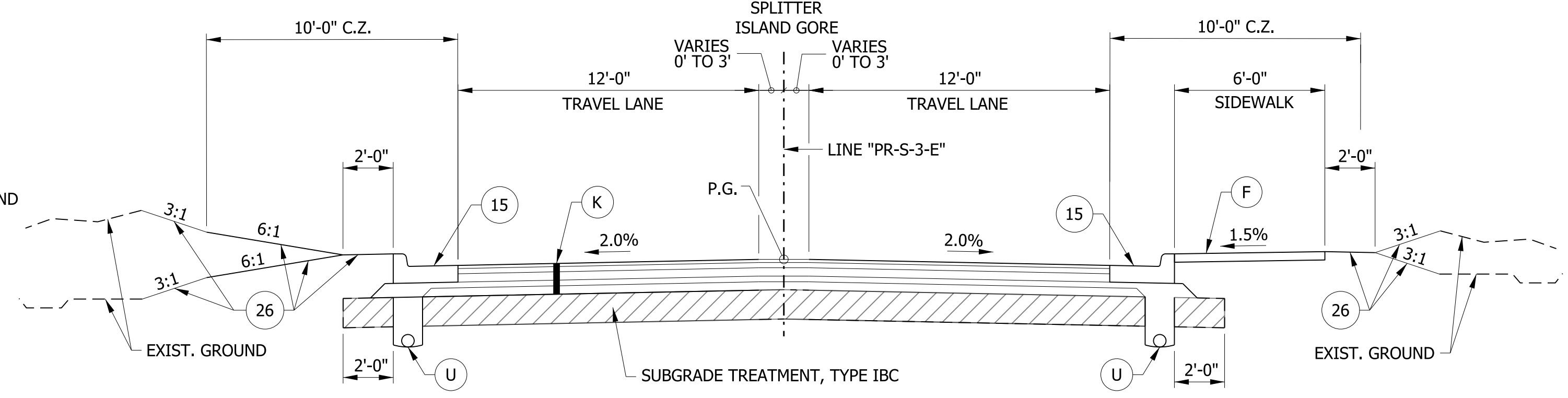
INDIANA
DEPARTMENT OF TRANSPORTATION

INDEX AND GENERAL NOTES

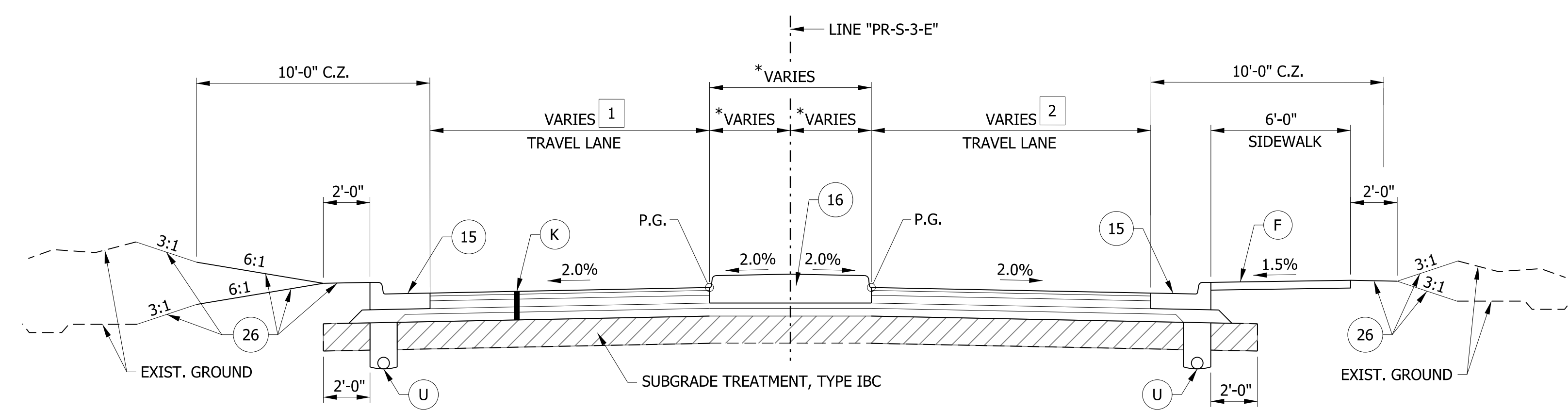
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VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEETS
-	2 of 46
CONTRACT	PROJECT
R-39288	1601982



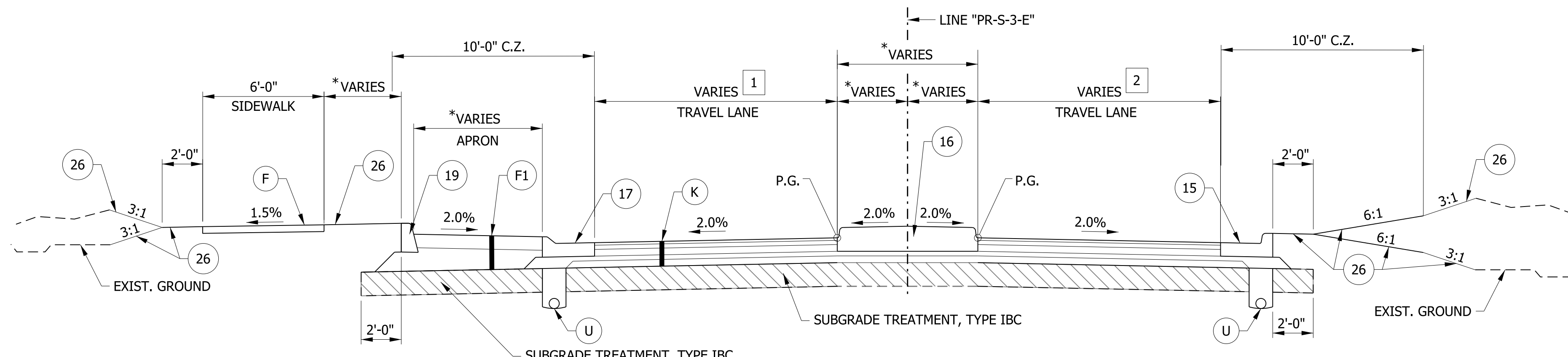
TYPICAL SECTION - INCIDENTAL CONSTRUCTION
STA. 17+70.85 TO STA. 17+95.80 "PR-S-3-E"



TYPICAL SECTION - COMBINED CURB & GUTTER W/ SIDEWALK
STA. 10+00.00 TO STA. 11+11.57 "PR-S-3-E"



TYPICAL SECTION - COMBINED LANE CURB & GUTTER, MEDIAN CONCRETE ISLAND W/ SIDEWALK
STA. 11+11.57 TO STA. 13+27.73 "PR-S-3-E"
*SEE ROUNDABOUT GEOMETRIC LAYOUT FOR ADDITIONAL INFORMATION



TYPICAL SECTION - COMBINED CURB & GUTTER, MEDIAN CONCRETE ISLAND, APRON W/ SIDEWALK
STA. 13+27.73 TO STA. 13+68.49 "PR-S-3-E"
*SEE ROUNDABOUT GEOMETRIC LAYOUT FOR ADDITIONAL INFORMATION

- LEGEND**
- (K) HMA, FULL DEPTH RECONSTRUCTION:
220 LB/SYD QC/QA HMA, 3, 76 SURFACE, 9.5 MM, ON
275 LB/SYD QC/QA HMA, 3, 76 INTERMEDIATE, 19 MM, ON
715 LB/SYD QC/QA HMA, 3, 64 BASE, 19 MM, ON
250 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON
4 IN. COMPACTED AGGREGATE, NO. 53, ON
GEOTEXTILE FOR PAVEMENT, TYPE 2A
 - (R) HMA, MILL AND OVERLAY:
MILLING, ASPHALT, 2 IN.
220 LB/SYD QC/QA HMA, 3, 76 SURFACE, 9.5 MM
 - (U) UNDERDRAIN, TYPE 4, 6"
 - (F) SIDEWALK, CONCRETE, 4"
 - (F1) TRUCK APRON:
PCCP, 7" (15" MAX. JOINT SPACING, 1" DIAMETER DOWEL BARS) ON
12.5" COMPACTED AGGREGATE, NO. 53
 - (15) COMBINED CONCRETE CURB & GUTTER, MODIFIED
 - (16) CENTER CURB, D, CONCRETE
 - (17) COMBINED CURB AND GUTTER, CONCRETE, TYPE B
 - (19) CURB, CONCRETE
 - (20) COMBINED CURB AND GUTTER, CONCRETE, TYPE B, MODIFIED
 - (26) SODDING, NURSERY

1 WIDTH VARIES FROM 12.00' AT STA. 12+56.30 TO 15.00' AT STA. 13+27.73

2 WIDTH IS 12.00' FROM STA. 11+17.59 TO STA. 12+76.11
WIDTH VARIES FROM 12.00' AT STA. 12+76.11 TO 16.60' AT STA. 13+27.73

1 WIDTH VARIES FROM 15.00' AT STA. 13+27.73 TO 16.47' AT STA. 13+65.20
WIDTH IS 12.00' FROM STA. 13+65.20 TO STA. 13+68.49

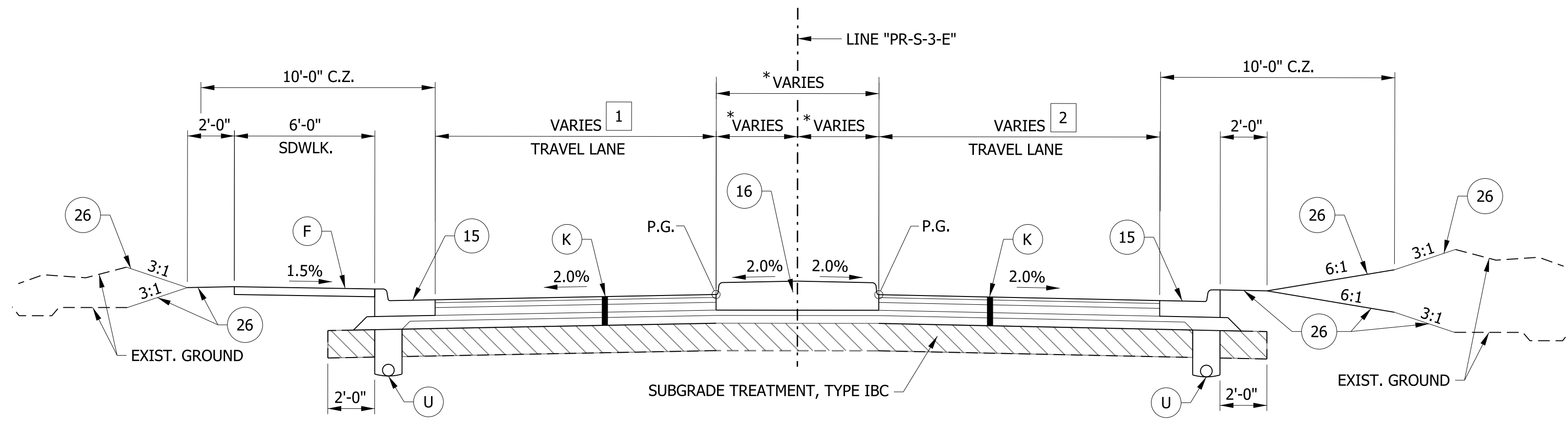
2 WIDTH VARIES FROM 16.60' AT STA. 13+27.73 TO 19.85' AT STA. 13+68.49

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

INDIANA DEPARTMENT OF TRANSPORTATION	
TYPICAL CROSS SECTION Line "PR-S-3-E"	

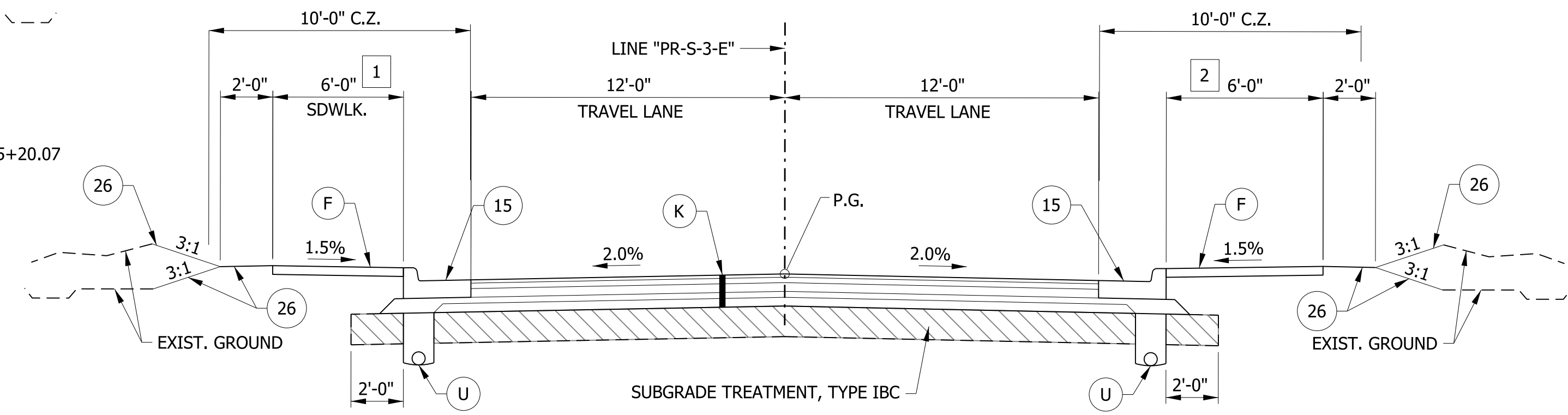
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VERTICAL SCALE 1/4" = 1'-0"	DESIGNATION 2000816
SURVEY BOOK	SHEETS
CONTRACT R-39288	3 of 46 PROJECT 1601982

c:\users\john.miller\appdata\local\temp\project\workingdir\mb-us-pw-bentley.com_mb-us-pw-03\john.miller@makerrit.com\dms2653\RA_SHT_TYP01.dgn



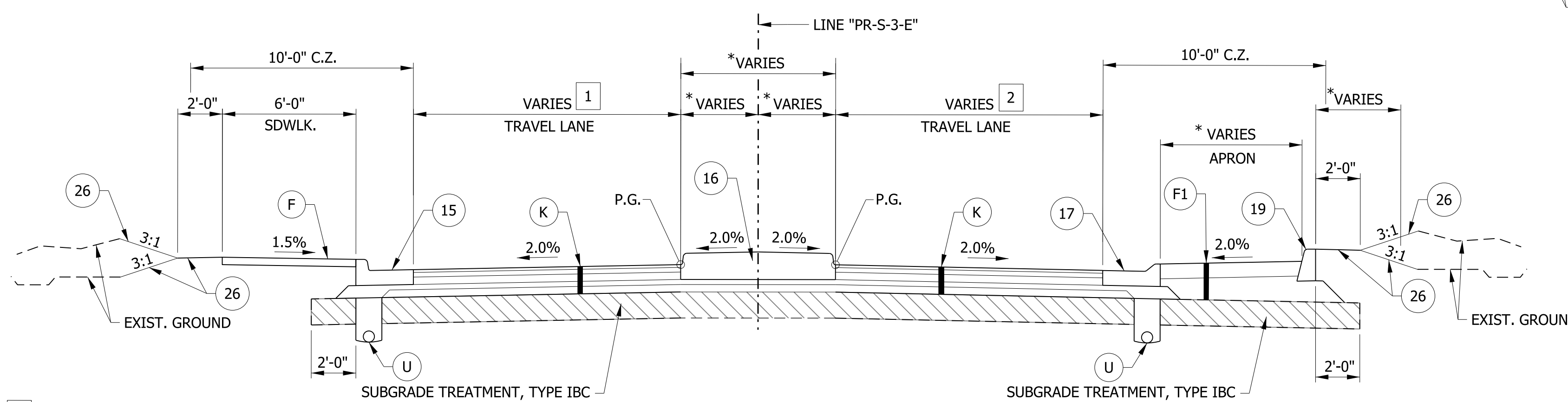
1 WIDTH VARIES FROM 17.78' AT STA. 15+03.58 TO 16.71' AT 15+20.07
 2 WIDTH VARIES FROM 22.44' AT STA. 15+03.58 TO 17.69' AT STA. 15+20.07

TYPICAL SECTION - COMBINED CURB & GUTTER, MEDIAN CONCRETE ISLAND W/ SIDEWALK
 STA. 15+03.58 TO STA. 15+20.07 "PR-S-3-E"
 *SEE GEOMETRIC DETAILS FOR ADDITIONAL INFORMATION



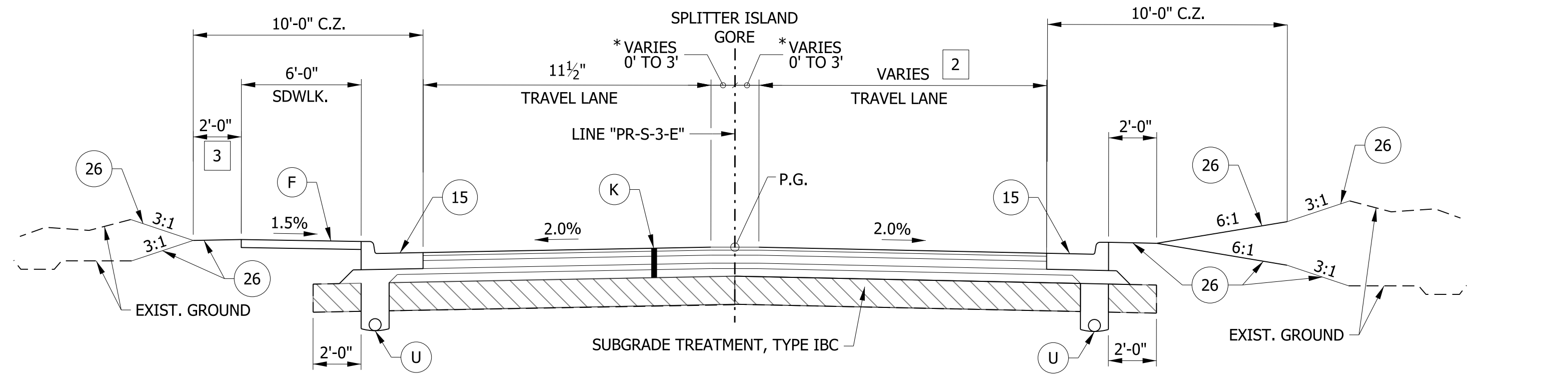
1 SIDEWALK FROM STA. 17+15.58 TO STA. 17+16.18
 2 SIDEWALK FROM STA. 17+15.58 TO STA. 17+18.31

TYPICAL SECTION - COMBINED CURB & GUTTER WITH SIDEWALK
 STA. 17+15.58 TO STA. 17+70.85 "PR-S-3-E"
 *SEE GEOMETRIC DETAILS FOR ADDITIONAL INFORMATION



1 WIDTH VARIES FROM 16.71' AT STA. 15+20.07 TO 12.00' AT STA. 15+77.69
 WIDTH IS 12.00' FROM STA. 15+77.69 TO STA. 15+80.25
 2 WIDTH VARIES FROM 17.69' AT STA. 15+20.07 TO 14.84' AT STA. 15+80.25

TYPICAL SECTION - COMBINED CURB & GUTTER, MEDIAN CONCRETE ISLAND, APRON W/ SIDEWALK
 STA. 15+20.07 TO STA. 15+80.25 "PR-S-3-E"
 *SEE GEOMETRIC DETAILS FOR ADDITIONAL INFORMATION



2 VARIES FROM 14.84' AT STA. 15+80.25 TO 12.00' AT STA. 16+59.19
 WIDTH IS 12.00' FROM STA. 16+59.19 TO STA. 17+15.58

TYPICAL SECTION - COMBINED CURB & GUTTER W/ SIDEWALK
 STA. 15+80.25 TO STA. 17+15.58 "PR-S-3-E"
 *SEE GEOMETRIC DETAILS FOR ADDITIONAL INFORMATION

3 MODULAR BLOCK WALL BEGINS STA. 16+32.84 TO STA. 17+13.20
 SEE WALL DETAIL SHEET

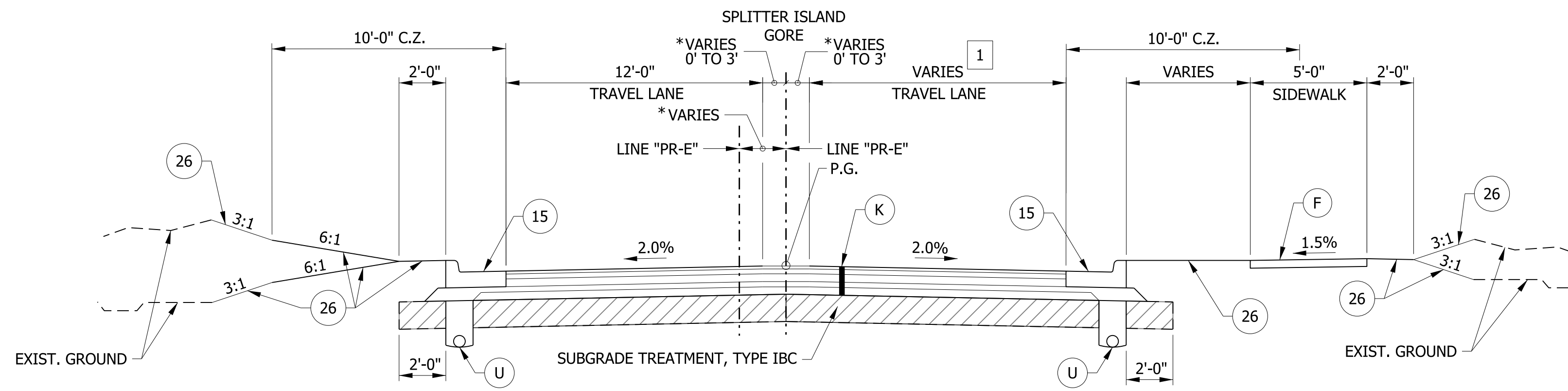
LEGEND

- (K) HMA, FULL DEPTH RECONSTRUCTION:
 220 LB/SYD QC/QA HMA, 3, 76 SURFACE, 9.5 MM, ON
 275 LB/SYD QC/QA HMA, 3, 76 INTERMEDIATE, 19 MM, ON
 715 LB/SYD QC/QA HMA, 3, 64 BASE, 19 MM, ON
 250 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON
 4 IN. COMPACTED AGGREGATE, NO. 53, ON
 GEOTEXTILE FOR PAVEMENT, TYPE 2A
- (R) HMA, MILL AND OVERLAY:
 MILLING, ASPHALT, 2 IN.
 220 LB/SYD QC/QA HMA, 3, 76 SURFACE, 9.5 MM
- (U) UNDERDRAIN, TYPE 4, 6"
- (F) SIDEWALK, CONCRETE, 4"
- (F1) TRUCK APRON:
 PCCP, 7" (15' MAX. JOINT SPACING, 1" DIAMETER DOWEL BARS) ON
 12.5" COMPACTED AGGREGATE, NO. 53
- (15) COMBINED CONCRETE CURB & GUTTER, MODIFIED
- (16) CENTER CURB, D, CONCRETE
- (17) COMBINED CURB AND GUTTER, CONCRETE, TYPE B
- (19) CURB, CONCRETE
- (20) COMBINED CURB AND GUTTER, CONCRETE, TYPE B, MODIFIED
- (26) SODDING, NURSERY

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

INDIANA DEPARTMENT OF TRANSPORTATION	
TYPICAL CROSS SECTION Line "PR-S-3-E"	

HORIZONTAL SCALE 1/4" = 1'-0"	BRIDGE FILE
VERTICAL SCALE 1/4" = 1'-0"	DESIGNATION 2000816
SURVEY BOOK	SHEETS
CONTRACT R-39288	4 of 46 PROJECT 1601982

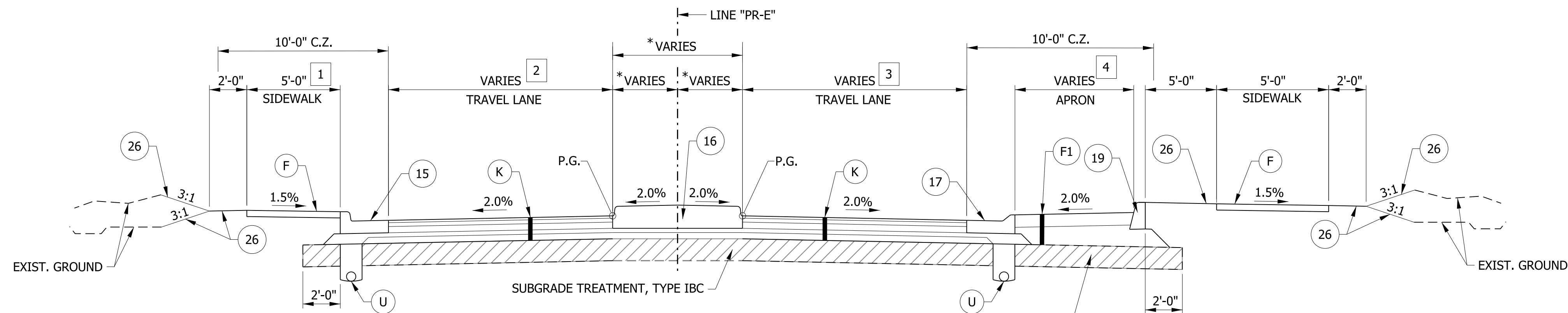


TYPICAL SECTION - COMBINED CURB & GUTTER W/ SIDEWALK

STA. 10+00.00 TO STA. 12+88.61 "PR-E"

*SEE GEOMETRIC DETAILS FOR ADDITIONAL INFORMATION

1 LANE WIDTH IS 12.00' FROM STA. 10+54.73 TO STA. 12+34.86
LANE WIDTH VARIES FROM 12.00' AT STA. 12+34.86 TO 16.86' AT STA. 12+88.61



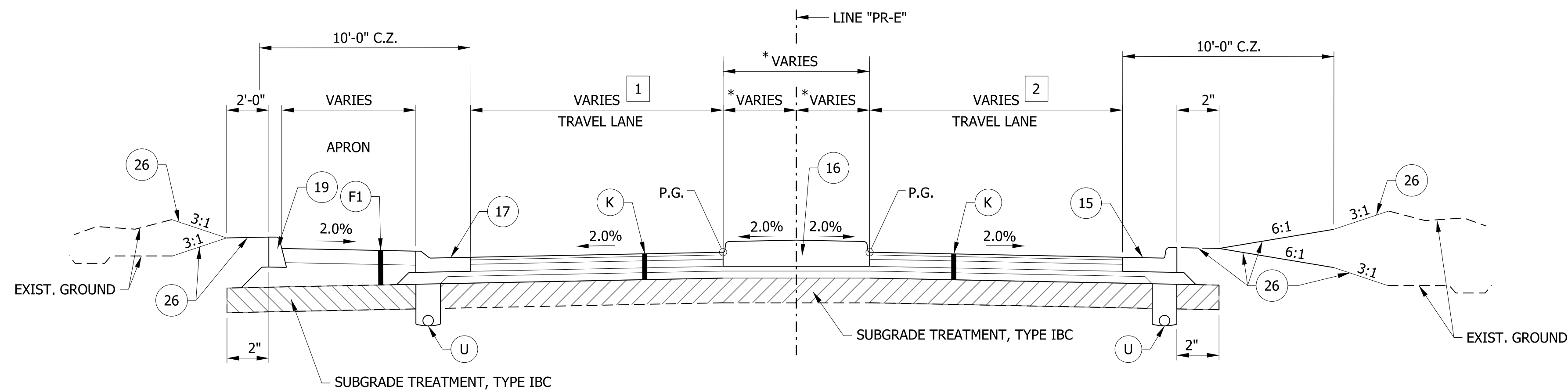
TYPICAL SECTION - COMBINED CURB & GUTTER, MEDIAN CONCRETE ISLAND, APRON W/ SIDEWALK

STA. 12+88.61 TO STA. 13+37.50 "PR-E"

*SEE GEOMETRIC DETAILS FOR ADDITIONAL INFORMATION

1 SIDEWALK BEGINS AT STA. 13+06.44
2 WIDTH IS 12.00' FROM STA. 12+88.61 TO STA. 12+90.98
WIDTH VARIES FROM 12.00' AT STA. 12+90.98 TO 16.13' AT STA. 13+37.50

3 WIDTH VARIES FROM 16.86' AT STA. 12+88.61 TO 25.47' AT STA. 13+37.50
4 APRON BEGINS AT STA. 13+05.86



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

STA. 14+71.03 TO STA. 15+47.35 "PR-E"

*SEE GEOMETRIC DETAILS FOR ADDITIONAL INFORMATION

1 WIDTH VARIES FROM 28.43' AT STA. 14+71.03 TO 15.71' AT STA. 15+47.35

2 WIDTH VARIES FROM 15.31' AT STA. 14+71.03 TO 13.09' AT STA. 15+47.35

LEGEND

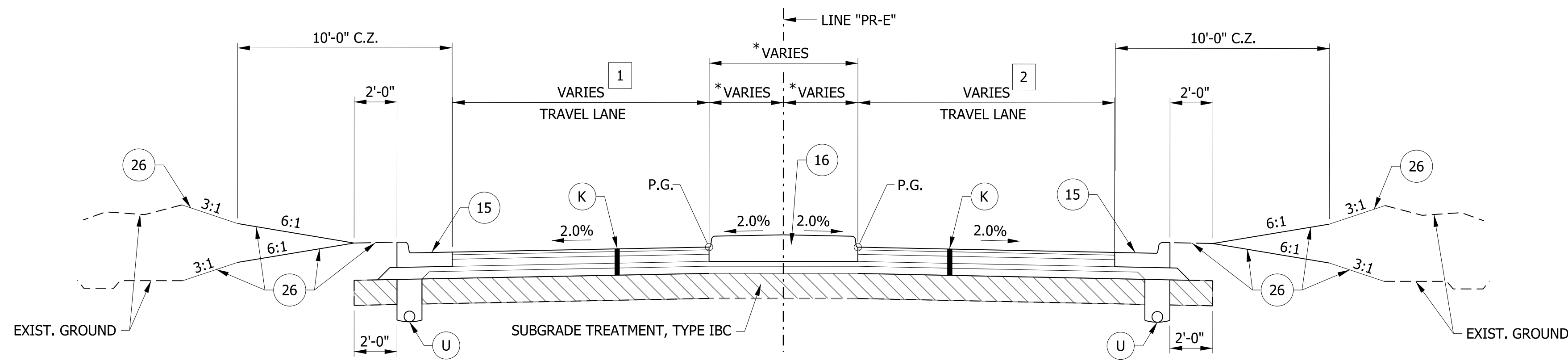
- (K) HMA, FULL DEPTH RECONSTRUCTION:
220 LB/SYD QC/QA HMA, 3, 76 SURFACE, 9.5 MM, ON
275 LB/SYD QC/QA HMA, 3, 76 INTERMEDIATE, 19 MM, ON
715 LB/SYD QC/QA HMA, 3, 64 BASE, 19 MM, ON
250 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON
4 IN. COMPACTED AGGREGATE, NO. 53, ON
GEOTEXTILE FOR PAVEMENT, TYPE 2A
- (R) HMA, MILL AND OVERLAY:
MILLING, ASPHALT, 2 IN.
220 LB/SYD QC/QA HMA, 3, 76 SURFACE, 9.5 MM
- (U) UNDERDRAIN, TYPE 4, 6"
- (F) SIDEWALK, CONCRETE, 4"
- (F1) TRUCK APRON:
PCCP, 7" (15' MAX. JOINT SPACING, 1" DIAMETER DOWEL BARS) ON
12.5" COMPACTED AGGREGATE, NO. 53
- (15) COMBINED CONCRETE CURB & GUTTER, MODIFIED
- (16) CENTER CURB, D, CONCRETE
- (17) COMBINED CURB AND GUTTER, CONCRETE, TYPE B
- (19) CURB, CONCRETE
- (20) COMBINED CURB AND GUTTER, CONCRETE, TYPE B, MODIFIED
- (26) SODDING, NURSERY

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

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTION
Line "PR-E"

HORIZONTAL SCALE	BRIDGE FILE
1/4" = 1'-0"	
VERTICAL SCALE	DESIGNATION
1/4" = 1'-0"	2000816
SURVEY BOOK	SHEETS
	5 of 46
CONTRACT	PROJECT
R-39288	1601982

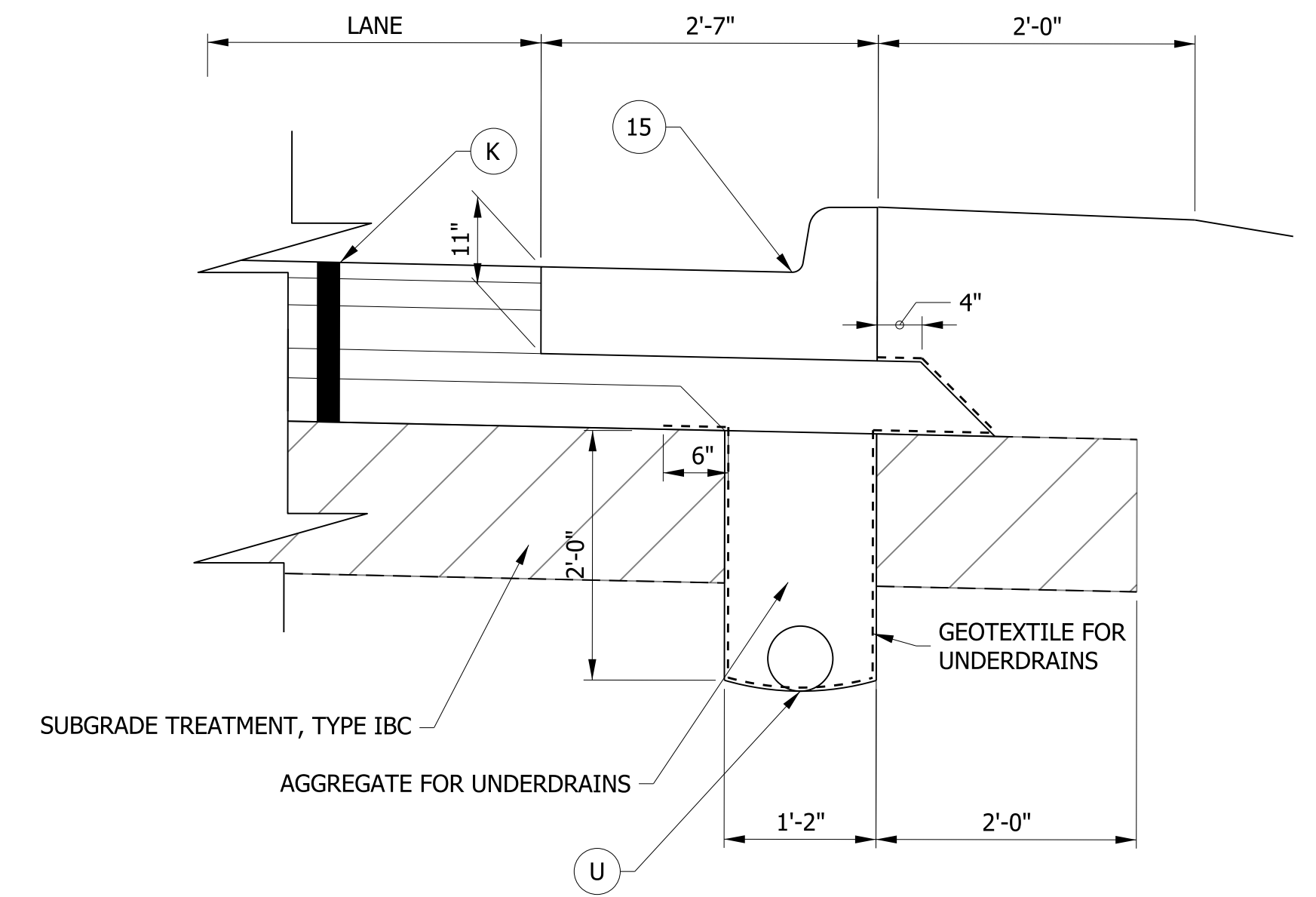


1 WIDTH VARIES FROM 15.71' AT STA. 15+47.35 TO 12.00' AT STA. 15+82.18
WIDTH IS 12.00' FROM STA. 15+82.18 TO STA. 17+20.36

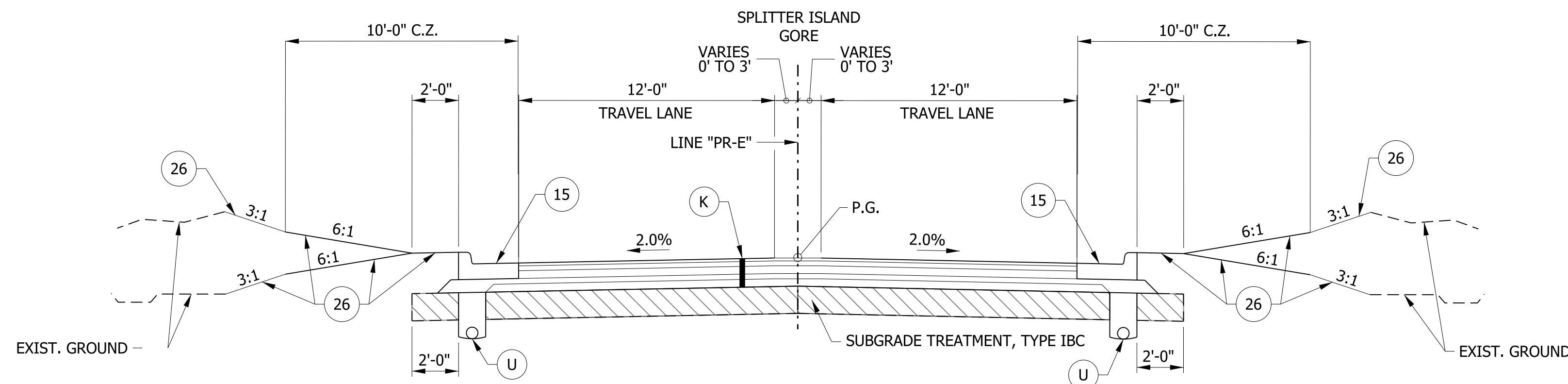
2 WIDTH VARIES FROM 13.09' AT STA. 15+47.35 TO 12.00' AT STA. 16+51.00
WIDTH IS 12.00' FROM STA. 16+51.00 TO STA. 17+20.36

TYPICAL SECTION - COMBINED CURB & GUTTER, MEDIAN CONCRETE ISLAND

STA. 15+47.35 TO STA. 17+20.36 "PR-E"
*SEE GEOMETRIC DETAILS FOR ADDITIONAL INFORMATION

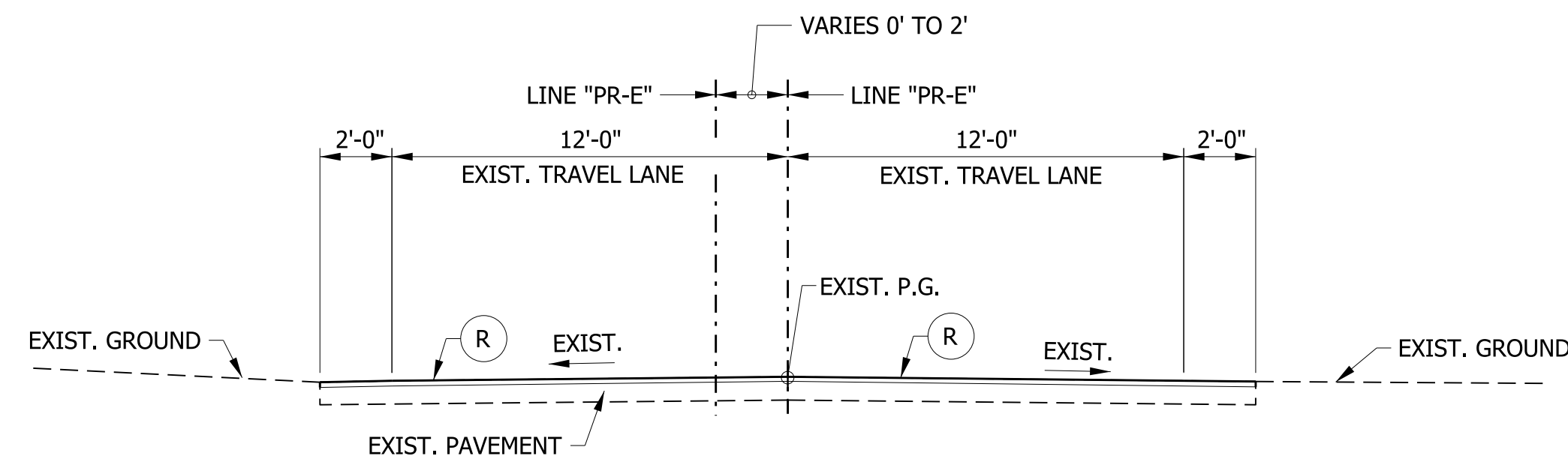


**UNDERDRAIN DETAIL W/
COMBINED CURB & GUTTER**
SCALE: N.T.S.



TYPICAL SECTION - COMBINED CURB & GUTTER

STA. 17+20.36 TO STA. 18+41.75 "PR-E"
*SEE GEOMETRIC DETAILS FOR ADDITIONAL INFORMATION



TYPICAL SECTION - INCIDENTAL CONSTRUCTION

STA. 18+41.75 TO STA. 19+38.11 "PR-E"

LEGEND

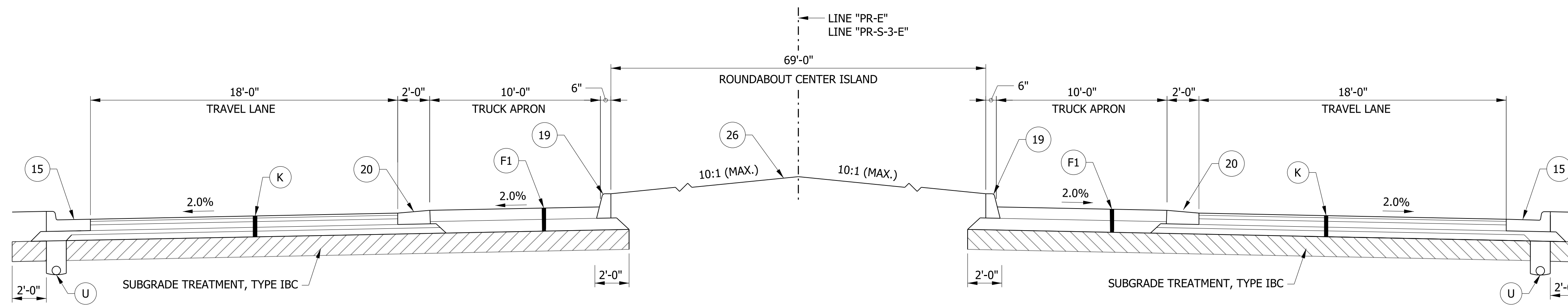
- (K) HMA, FULL DEPTH RECONSTRUCTION:
220 LB/SYD QC/QA HMA, 3, 76 SURFACE, 9.5 MM, ON
275 LB/SYD QC/QA HMA, 3, 76 INTERMEDIATE, 19 MM, ON
715 LB/SYD QC/QA HMA, 3, 64 BASE, 19 MM, ON
250 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON
4 IN. COMPACTED AGGREGATE, NO. 53, ON
GEOTEXTILE FOR PAVEMENT, TYPE 2A
- (R) HMA, MILL AND OVERLAY:
MILLING, ASPHALT, 2 IN.
220 LB/SYD QC/QA HMA, 3, 76 SURFACE, 9.5 MM
- (U) UNDERDRAIN, TYPE 4, 6"
- (F) SIDEWALK, CONCRETE, 4"
- (F1) TRUCK APRON:
PCCP, 7" (15' MAX. JOINT SPACING, 1" DIAMETER DOWEL BARS) ON
12.5" COMPACTED AGGREGATE, NO. 53
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- (16) CENTER CURB, D, CONCRETE
- (17) COMBINED CURB AND GUTTER, CONCRETE, TYPE B
- (19) CURB, CONCRETE
- (20) COMBINED CURB AND GUTTER, CONCRETE, TYPE B, MODIFIED
- (26) SODDING, NURSERY

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

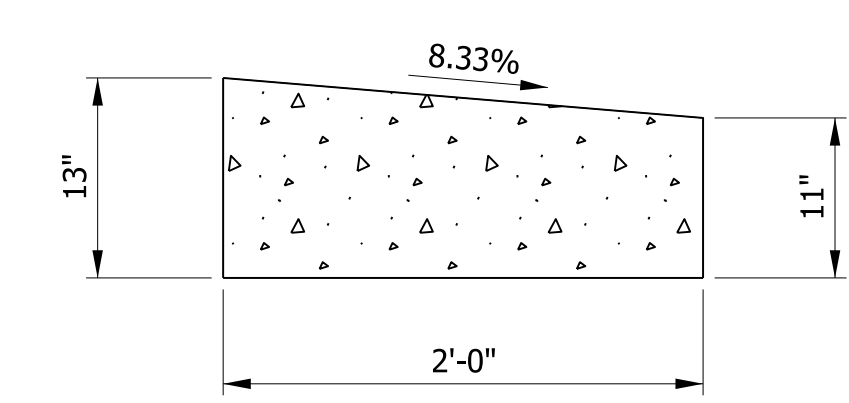
INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTION
Line "PR-E"

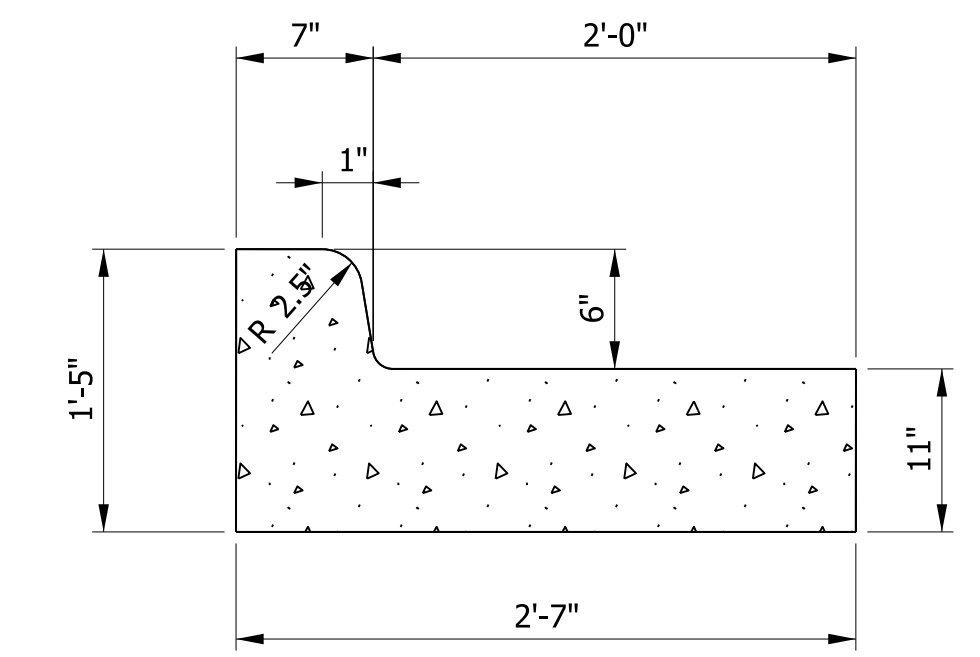
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1/4" = 1'-0"	
VERTICAL SCALE	DESIGNATION
1/4" = 1'-0"	2000816
SURVEY BOOK	SHEETS
	6 of 46
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R-39288	1601982



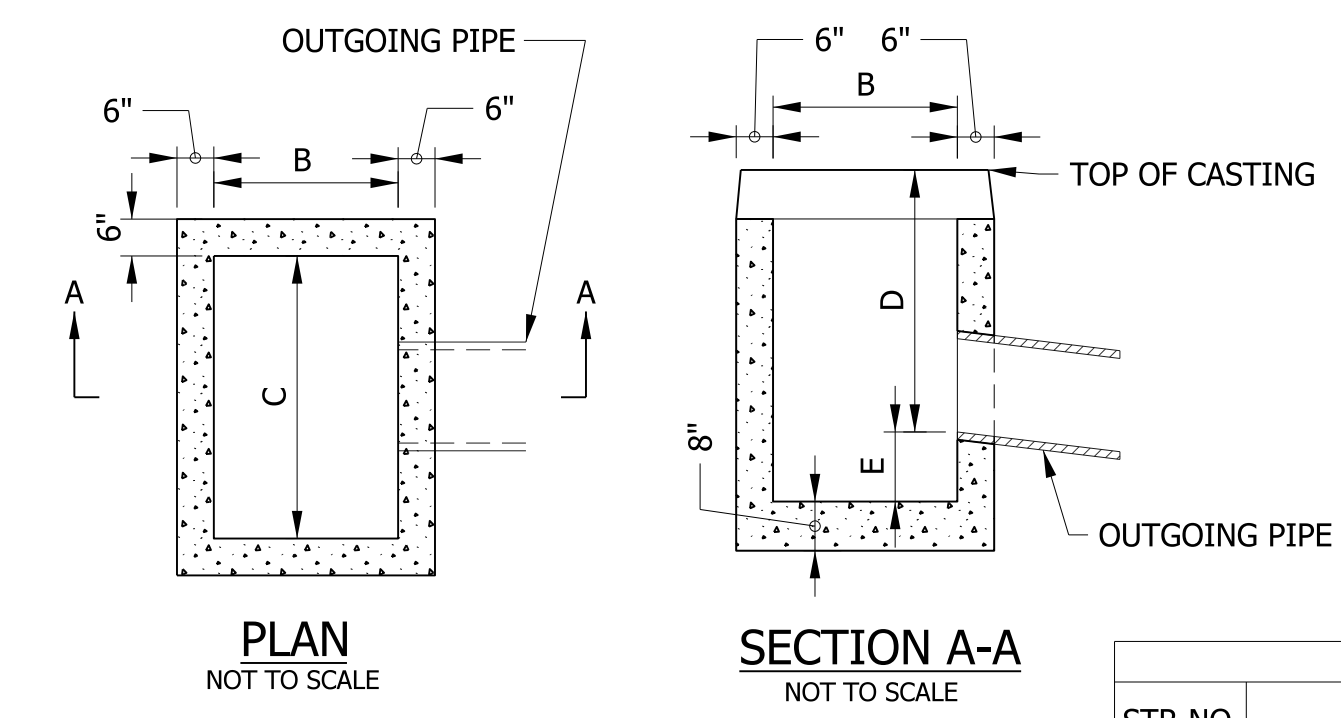
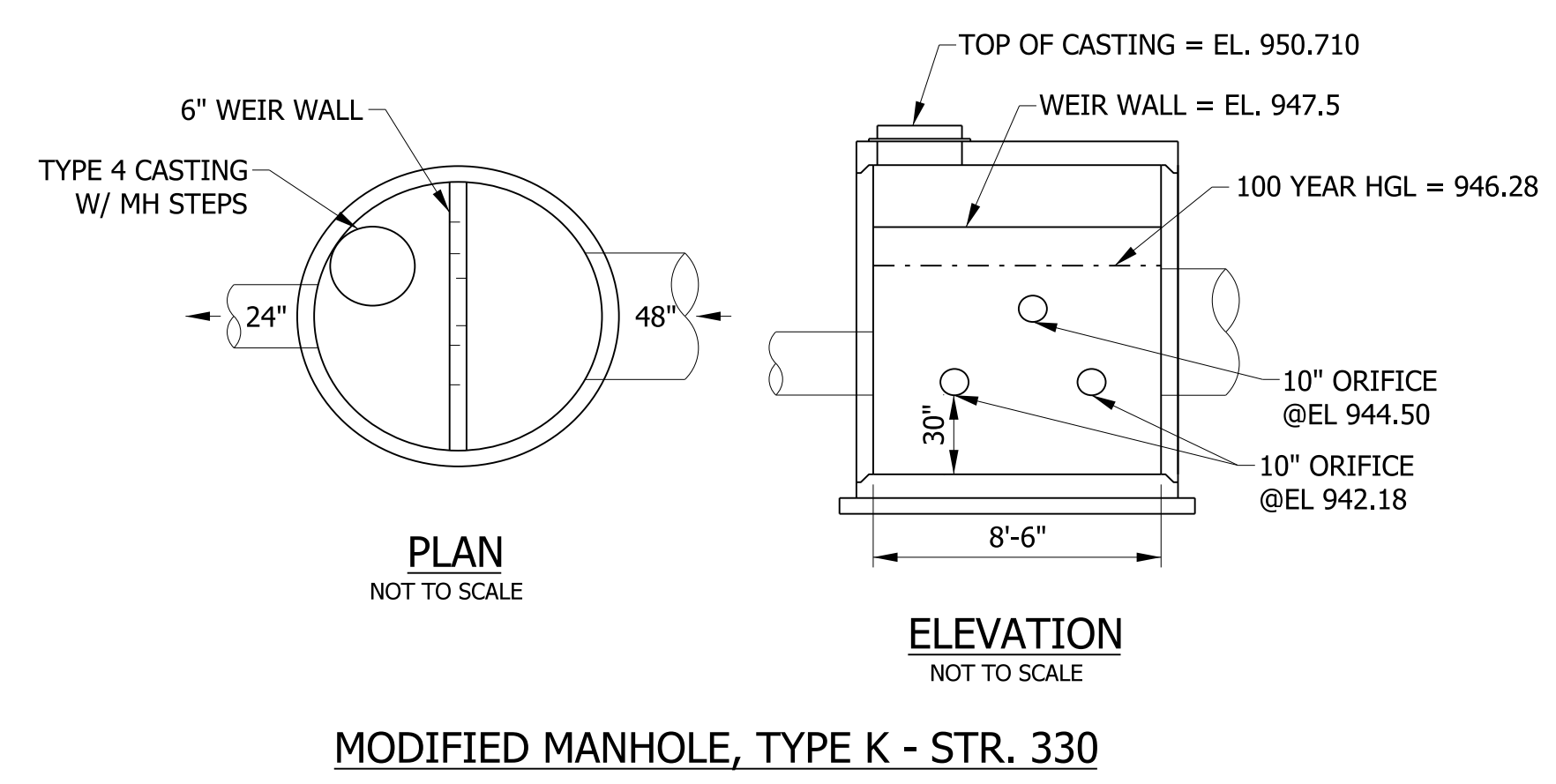
TYPICAL SECTION - ROUNDABOUT
SEE ROUNDABOUT GEOMETRIC AND GRADING DETAILS



**COMBINED CURB AND GUTTER,
CONCRETE, TYPE B, MODIFIED**
NOT TO SCALE



**COMBINED CONCRETE CURB
AND GUTTER, MODIFIED**
NOT TO SCALE



**CATCH BASIN, TYPE C, MODIFIED
INLET, TYPE B, MODIFIED
INLET, TYPE C, MODIFIED
W/ TYPE 15 CASTING**

DIMENSIONS						
STR NO.	DESCRIPTION	PIPE DIAMETER	B	C	D	E
303A	CATCH BASIN, C15, MODIFIED	18"	2'-8"	3'-10"	5'-9 4/5"	2'-6"
317	CATCH BASIN, C15, MODIFIED	18"	2'-8"	3'-10"	6'-4 4/5"	2'-6"
307	CATCH BASIN, C15, MODIFIED	18"	2'-8"	3'-10"	6'-7 3/10"	2'-6"
319	INLET, B15, MODIFIED	18"	2'-8"	3'-10"	6'-6"	0
306	INLET, B15, MODIFIED	18"	2'-8"	3'-10"	4'-3 3/10"	0
308	INLET, C15, MODIFIED	18"	2'-8"	3'-10"	5'-6"	0
303	INLET, C15, MODIFIED	18"	2'-8"	3'-10"	5'-3 3/10"	0

LEGEND

- (K) HMA, FULL DEPTH RECONSTRUCTION:
220 LB/SYD QC/QA HMA, 3, 76 SURFACE, 9.5 MM, ON
275 LB/SYD QC/QA HMA, 3, 76 INTERMEDIATE, 19 MM, ON
715 LB/SYD QC/QA HMA, 3, 64 BASE, 19 MM, ON
250 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON
4 IN. COMPACTED AGGREGATE, NO. 53, ON
GEOTEXTILE FOR PAVEMENT, TYPE 2A
- (R) HMA, MILL AND OVERLAY:
MILLING, ASPHALT, 2 IN.
220 LB/SYD QC/QA HMA, 3, 76 SURFACE, 9.5 MM
- (U) UNDERDRAIN, TYPE 4, 6"
- (F) SIDEWALK, CONCRETE, 4"
- (F1) TRUCK APRON:
PCCP, 7" (15' MAX. JOINT SPACING, 1" DIAMETER DOWEL BARS) ON
12.5" COMPACTED AGGREGATE, NO. 53
- (15) COMBINED CONCRETE CURB & GUTTER, MODIFIED
- (16) CENTER CURB, D, CONCRETE
- (17) COMBINED CURB AND GUTTER, CONCRETE, TYPE B
- (19) CURB, CONCRETE
- (20) COMBINED CURB AND GUTTER, CONCRETE, TYPE B, MODIFIED
- (26) SODDING, NURSERY

RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

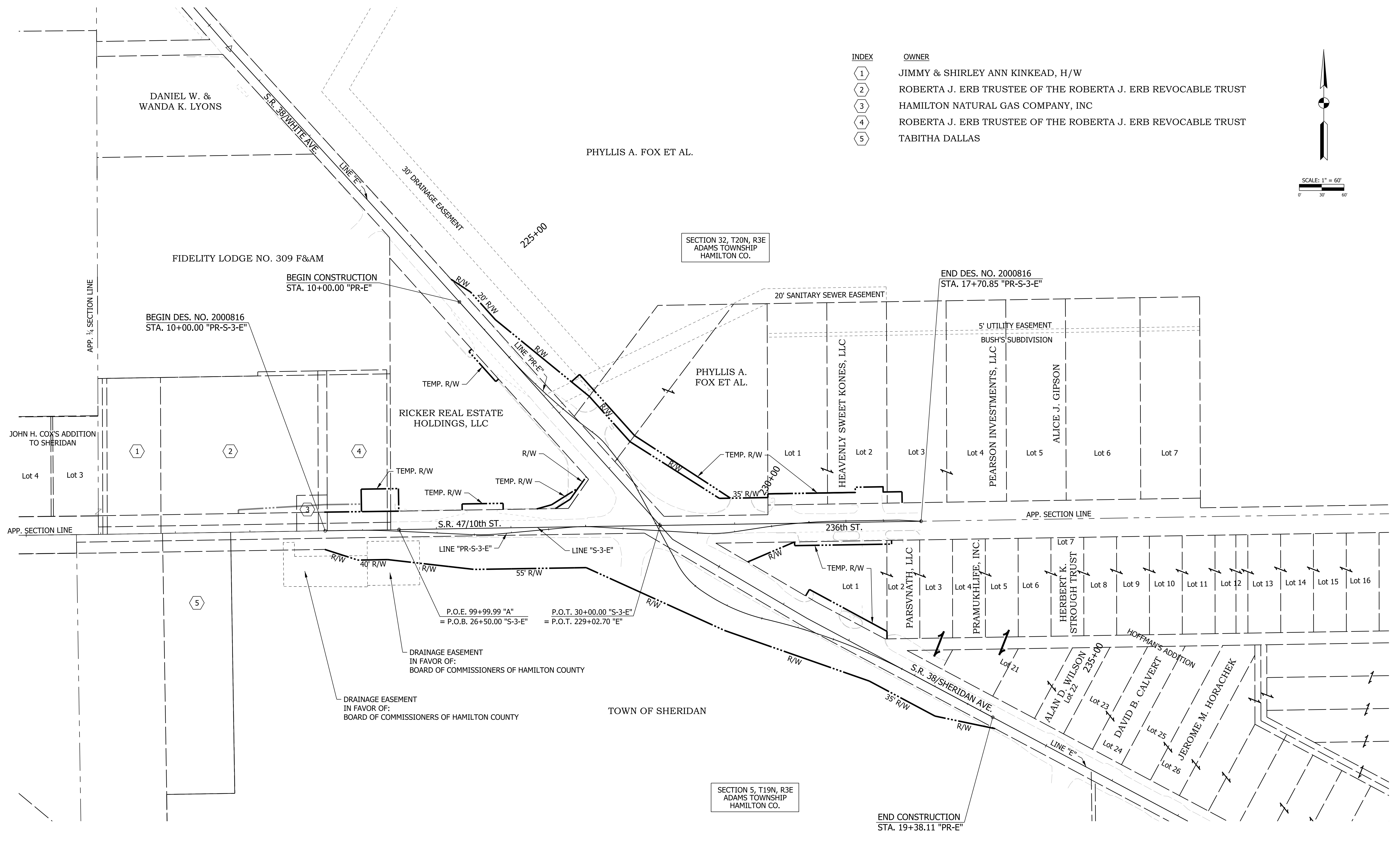
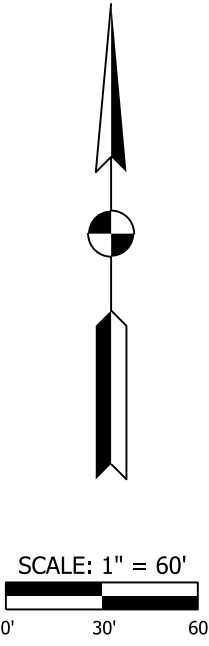
DESIGNED: WRC DRAWN: MRW
CHECKED: MRW CHECKED: WRC

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTION
Line "PR-E"

HORIZONTAL SCALE 1/4" = 1'-0"	BRIDGE FILE
VERTICAL SCALE 1/4" = 1'-0"	DESIGNATION 2000816
SURVEY BOOK	SHEETS
CONTRACT R-39288	7 of 46 PROJECT 1601982

INDEX	OWNER
1	JIMMY & SHIRLEY ANN KINKEAD, H/W
2	ROBERTA J. ERB TRUSTEE OF THE ROBERTA J. ERB REVOCABLE TRUST
3	HAMILTON NATURAL GAS COMPANY, INC
4	ROBERTA J. ERB TRUSTEE OF THE ROBERTA J. ERB REVOCABLE TRUST
5	TABITHA DALLAS



SECTION 32, T20N, R3E
ADAMS TOWNSHIP
HAMILTON CO.

SECTION 5, T19N, R3E
ADAMS TOWNSHIP
HAMILTON CO.

END DES. NO. 2000816
STA. 17+70.85 "PR-S-3-E"

END CONSTRUCTION
STA. 19+38.11 "PR-E"

P.O.E. 99+99.99 "A"
= P.O.B. 26+50.00 "S-3-E"

P.O.T. 30+00.00 "S-3-E"
= P.O.T. 229+02.70 "E"

DRAINAGE EASEMENT
IN FAVOR OF:
BOARD OF COMMISSIONERS OF HAMILTON COUNTY

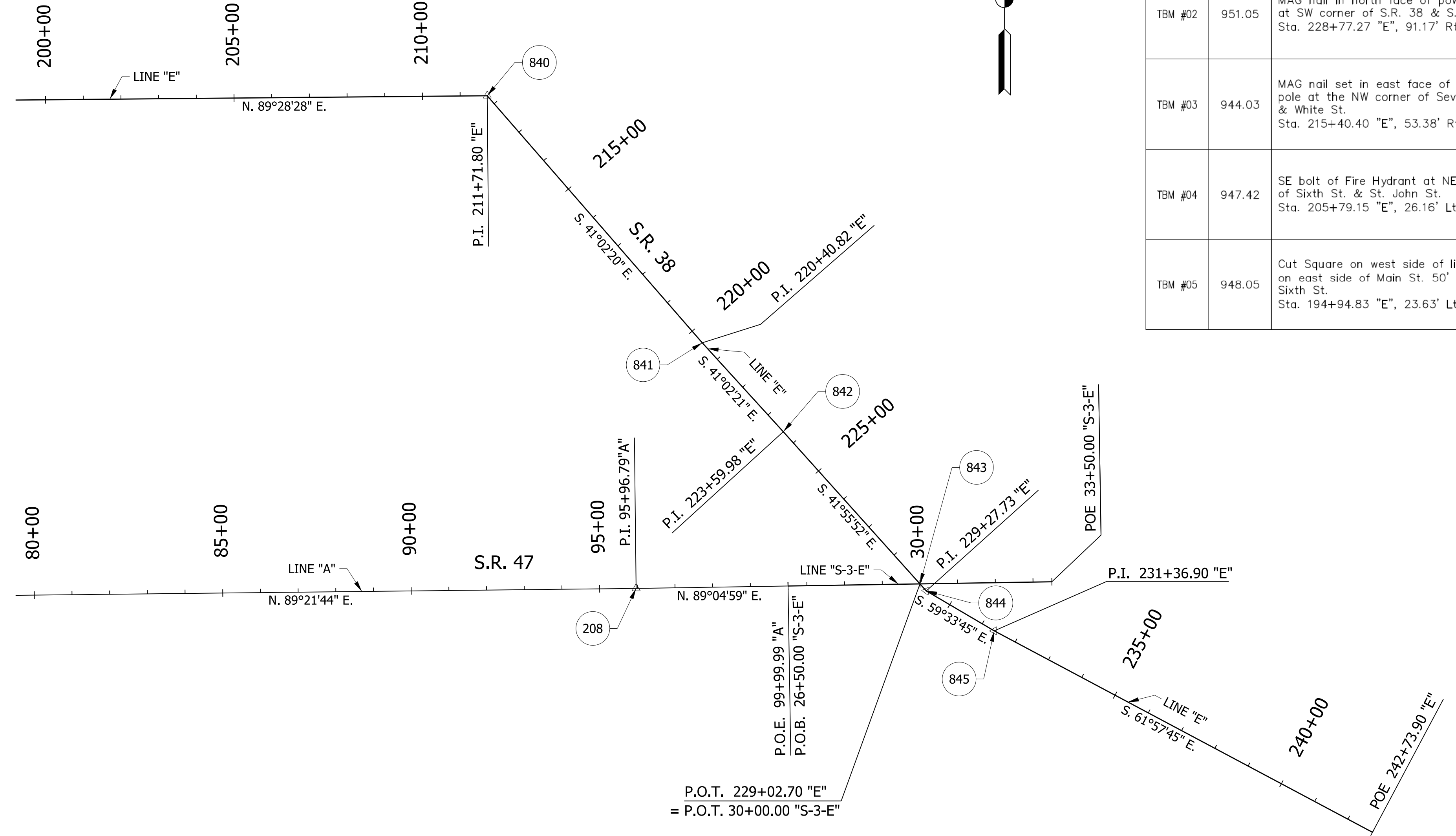
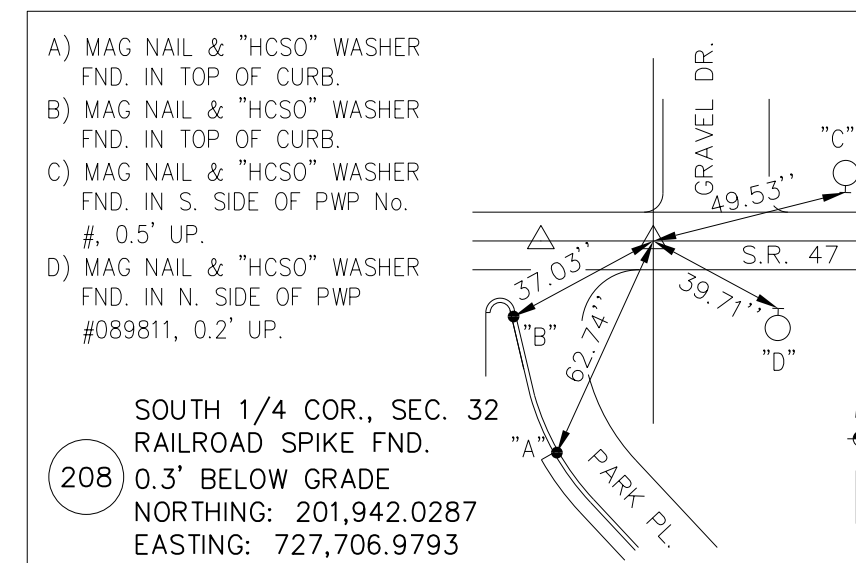
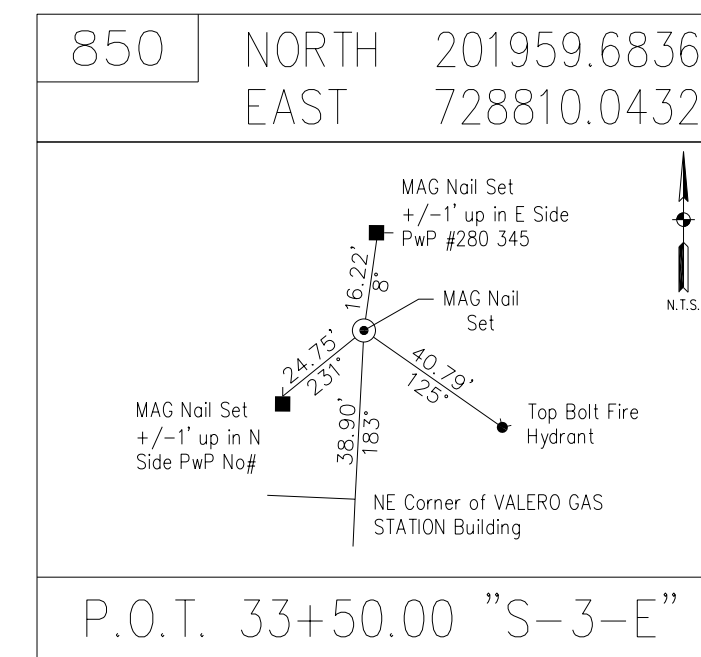
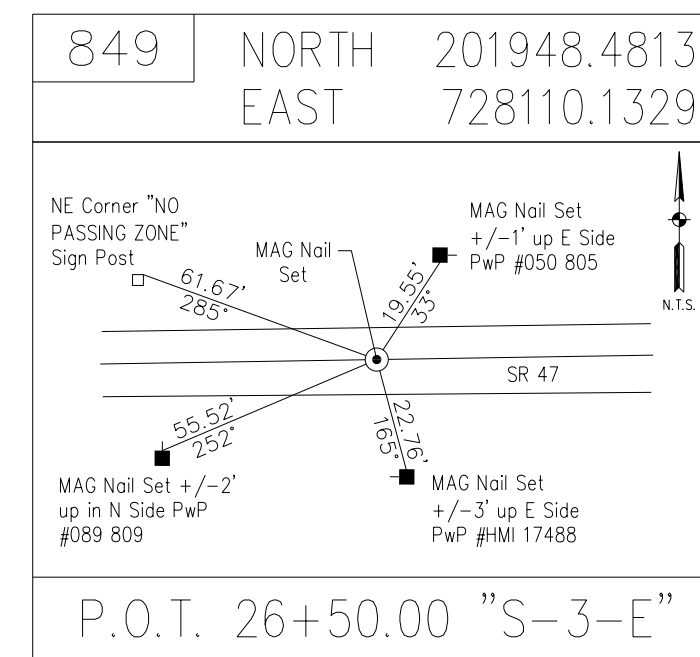
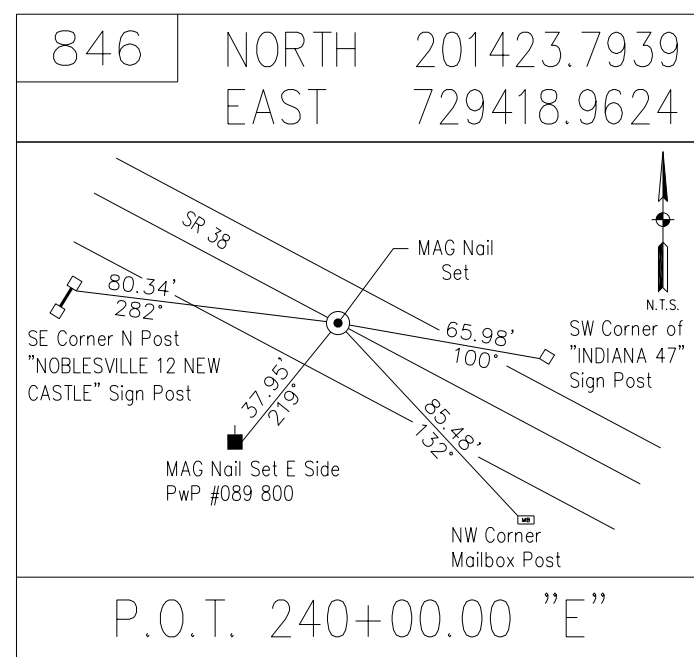
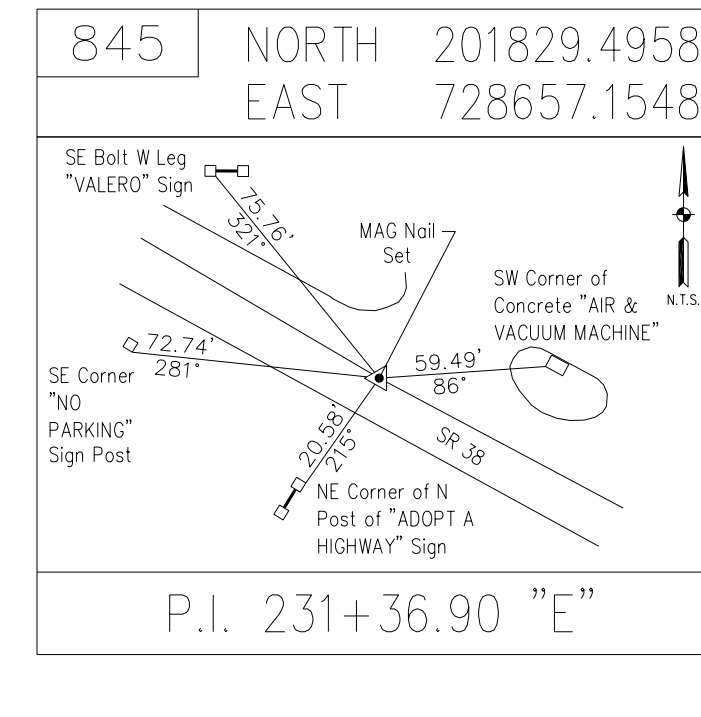
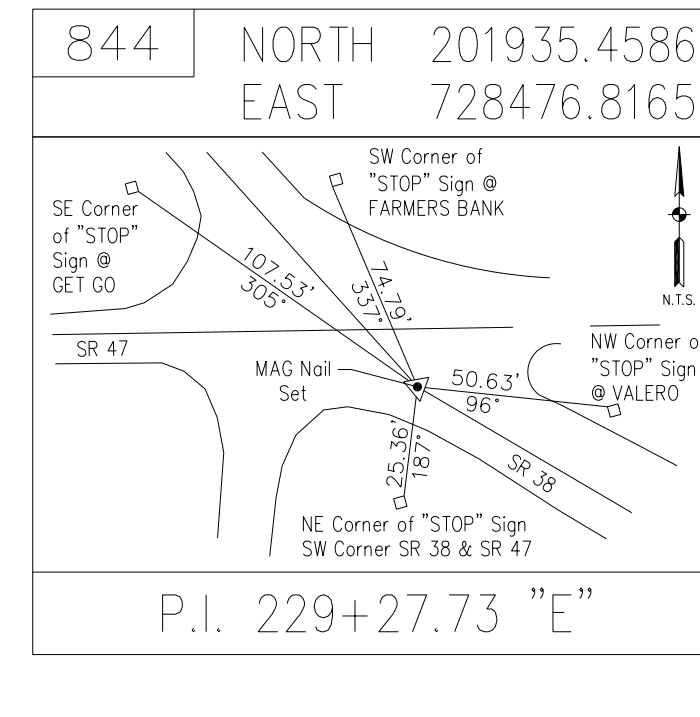
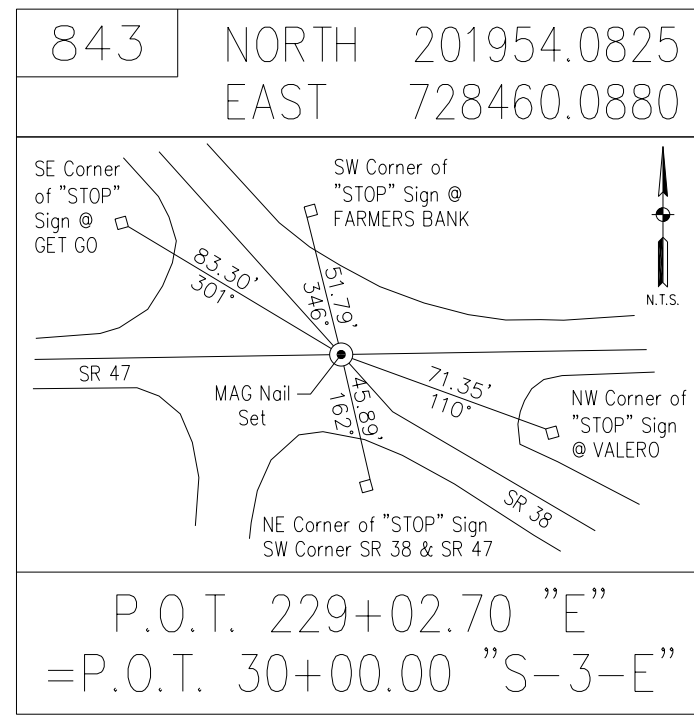
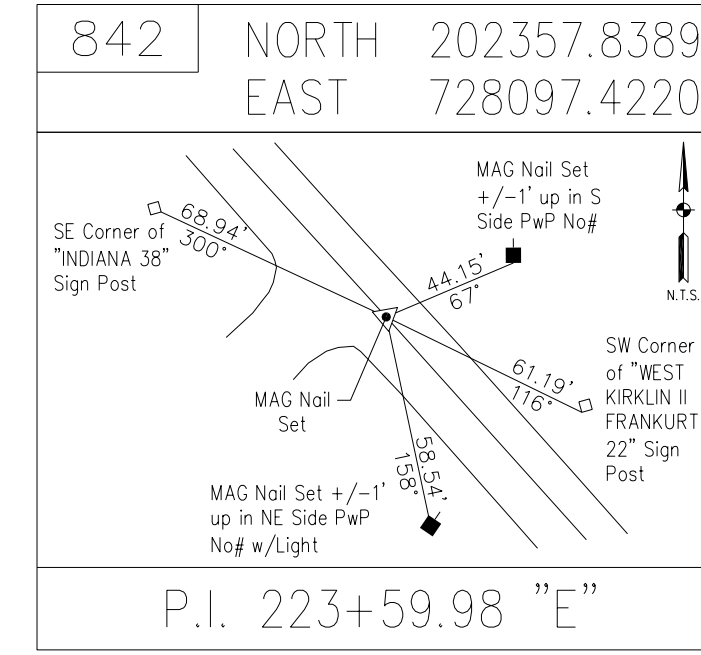
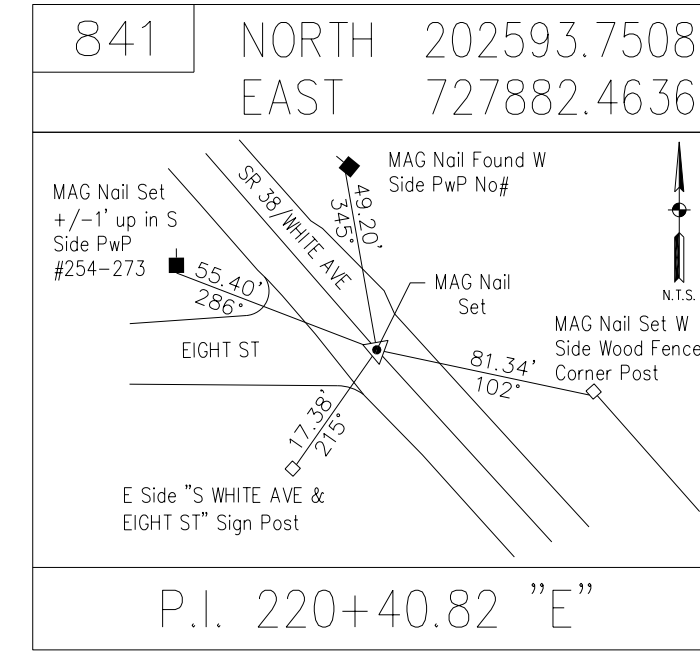
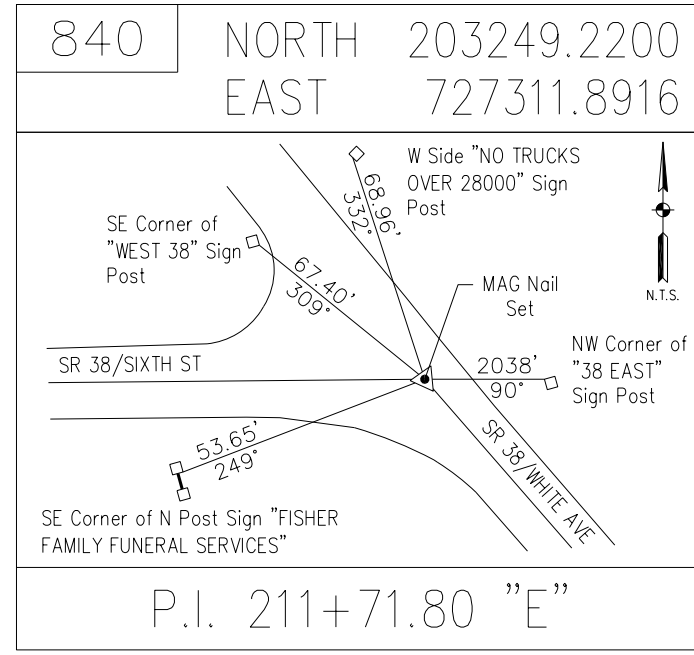
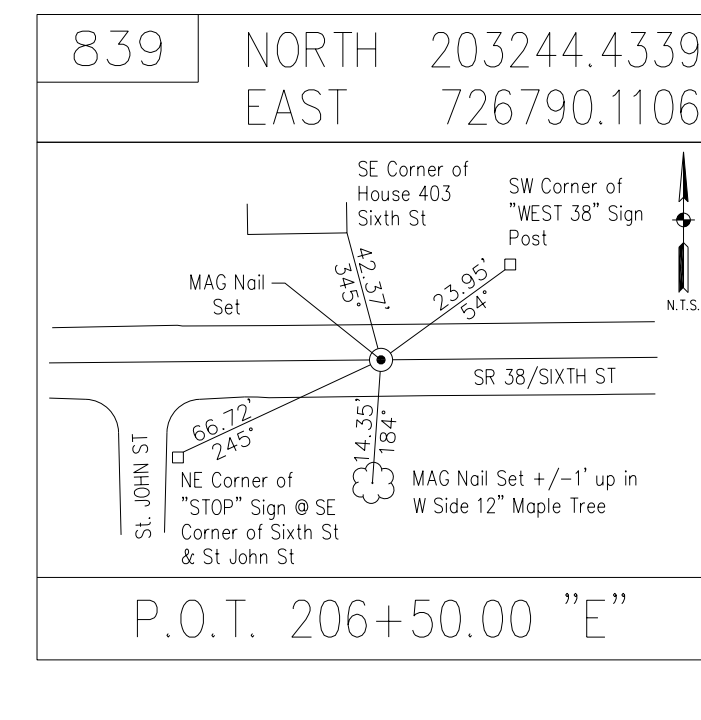
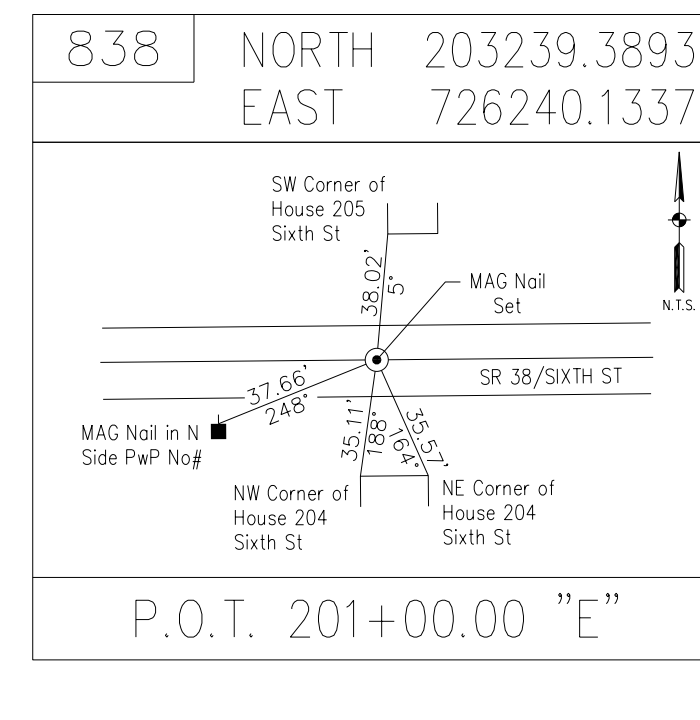
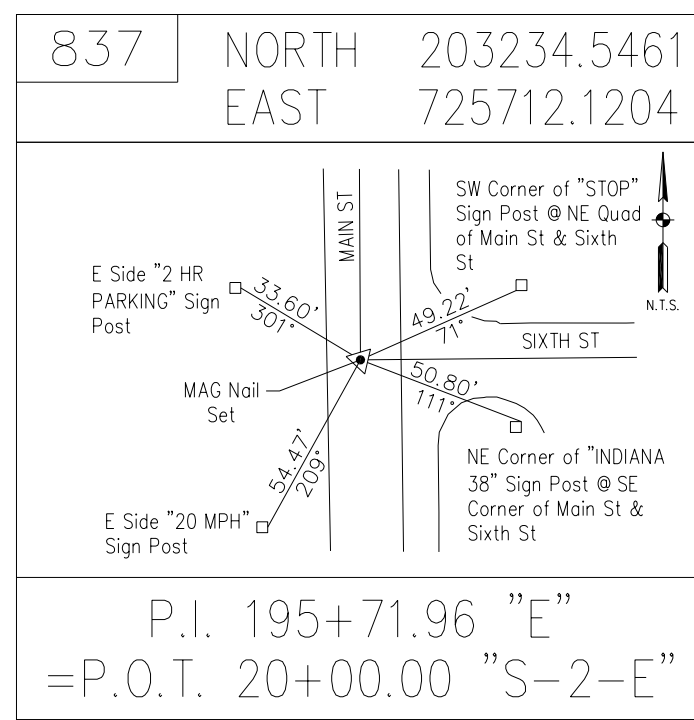
DRAINAGE EASEMENT
IN FAVOR OF:
BOARD OF COMMISSIONERS OF HAMILTON COUNTY

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

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT NO. 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 60'	
VERTICAL SCALE	DESIGNATION
N/A	2000816
SURVEY BOOK	SHEETS
	8 of 46
CONTRACT	PROJECT
R-39288	1601982



Station Name	Elev. (NAVD88)	Description
TBM #01	956.29	MAG nail in NE face of power pole #089800 on south side of S.R. 38 across from JB's Place Sta. 239+92.50 "E", 36.97' Rt.
TBM #02	951.05	MAG nail in north face of power pole at SW corner of S.R. 38 & S.R. 47 Sta. 228+77.27 "E", 91.17' Rt.
TBM #03	944.03	MAG nail set in east face of power pole at the NW corner of Seventh St. & White St. Sta. 215+40.40 "E", 53.38' Rt.
TBM #04	947.42	SE bolt of Fire Hydrant at NE corner of Sixth St. & St. John St. Sta. 205+79.15 "E", 26.16' Lt.
TBM #05	948.05	Cut Square on west side of lightpole on east side of Main St. 50' north of Sixth St. Sta. 194+94.83 "E", 23.63' Lt.

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

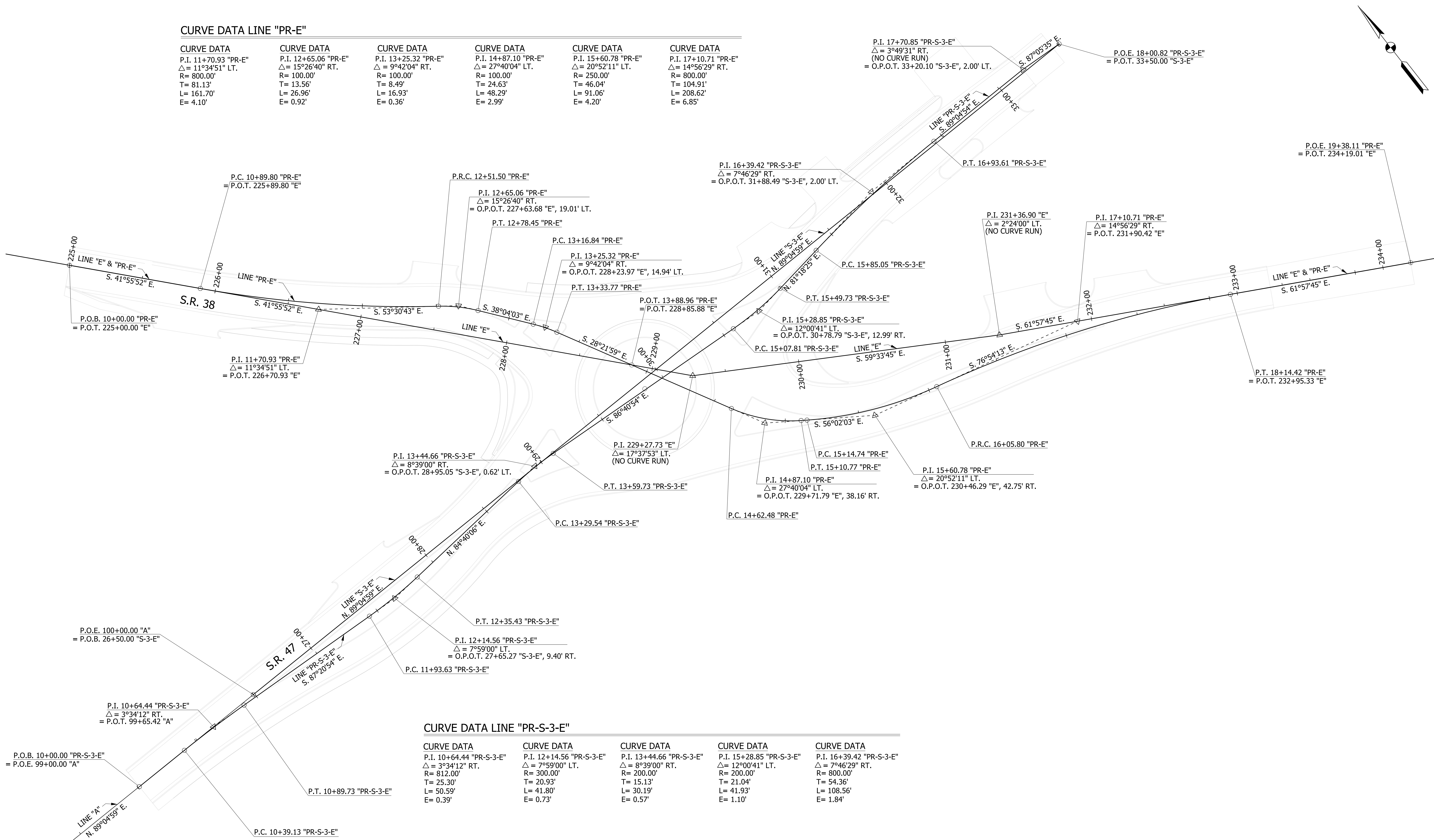
INDIANA
DEPARTMENT OF TRANSPORTATION

SURVEY CONTROL

HORIZONTAL SCALE	BRIDGE FILE
1" = 200'	
VERTICAL SCALE	DESIGNATION
N/A	2000816
SURVEY BOOK	SHEETS
	9 of 46
CONTRACT	PROJECT
R-39288	1601982

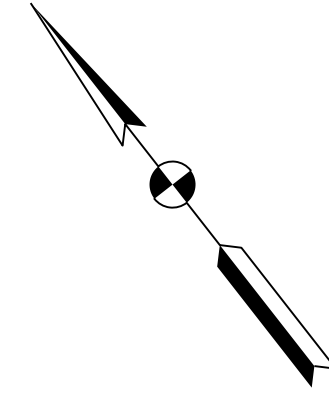
CURVE DATA LINE "PR-E"

CURVE DATA	CURVE DATA	CURVE DATA	CURVE DATA	CURVE DATA	CURVE DATA
P.I. 11+70.93 "PR-E" Δ = 11°34'51" LT. R = 800.00' T = 81.13' L = 161.70' E = 4.10'	P.I. 12+65.06 "PR-E" Δ = 15°26'40" RT. R = 100.00' T = 13.56' L = 26.96' E = 0.92'	P.I. 13+25.32 "PR-E" Δ = 9°42'04" RT. R = 100.00' T = 8.49' L = 16.93' E = 0.36'	P.I. 14+87.10 "PR-E" Δ = 27°40'04" LT. R = 100.00' T = 24.63' L = 48.29' E = 2.99'	P.I. 15+60.78 "PR-E" Δ = 20°52'11" LT. R = 250.00' T = 46.04' L = 91.06' E = 4.20'	P.I. 17+10.71 "PR-E" Δ = 14°56'29" RT. R = 800.00' T = 104.91' L = 208.62' E = 6.85'



CURVE DATA LINE "PR-S-3-E"

CURVE DATA	CURVE DATA	CURVE DATA	CURVE DATA	CURVE DATA
P.I. 10+64.44 "PR-S-3-E" Δ = 3°34'12" RT. R = 812.00' T = 25.30' L = 50.59' E = 0.39'	P.I. 12+14.56 "PR-S-3-E" Δ = 7°59'00" LT. R = 300.00' T = 20.93' L = 41.80' E = 0.73'	P.I. 13+44.66 "PR-S-3-E" Δ = 8°39'00" RT. R = 200.00' T = 15.13' L = 30.19' E = 0.57'	P.I. 15+28.85 "PR-S-3-E" Δ = 12°00'41" LT. R = 200.00' T = 21.04' L = 41.93' E = 1.10'	P.I. 16+39.42 "PR-S-3-E" Δ = 7°46'29" RT. R = 800.00' T = 54.36' L = 108.56' E = 1.84'



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

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**GEOMETRIC TIE-UP
SHEET**

HORIZONTAL SCALE 1" = 30'	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 2000816
SURVEY BOOK	SHEETS
CONTRACT R-39288	10 of 46
	PROJECT 1601982

Table with 10 columns: LINE, P.I. STA., NORTHING, EASTING, Δ, TANGENT LENGTH, ARC LENGTH, RADIUS, BEGIN CURVE STATION, END CURVE STATION. Contains 5 rows of curve data for OCL-2.

Table with 10 columns: LINE, P.I. STA., NORTHING, EASTING, Δ, TANGENT LENGTH, ARC LENGTH, RADIUS, BEGIN CURVE STATION, END CURVE STATION. Contains 5 rows of curve data for SI-3.

Table with 10 columns: LINE, P.I. STA., NORTHING, EASTING, Δ, TANGENT LENGTH, ARC LENGTH, RADIUS, BEGIN CURVE STATION, END CURVE STATION. Contains 7 rows of curve data for SI-2.

Table with 10 columns: LINE, P.I. STA., NORTHING, EASTING, Δ, TANGENT LENGTH, ARC LENGTH, RADIUS, BEGIN CURVE STATION, END CURVE STATION. Contains 4 rows of curve data for OCL-1.

Table with 10 columns: LINE, P.I. STA., NORTHING, EASTING, Δ, TANGENT LENGTH, ARC LENGTH, RADIUS, BEGIN CURVE STATION, END CURVE STATION. Contains 8 rows of curve data for SI-1.

P.O.T. 5+00.00 "OCL-2" = O.P.O.T. 17+70.85 "PR-S-3-E", 12.00' LT.

P.O.T. 11+03.50 "OCL-3" = O.P.O.T. 17+71.65 "PR-S-3-E", 11.97' RT.

P.O.T. 11+03.50 "OCL-3" = O.P.O.T. 18+41.75 "PR-E", 12.00' LT.

P.C. 5+00.00 "SI-4" = O.P.O.C. 17+26.37 "PR-E", 0.54' LT.

P.T. 13+46.70 "OCL-4" = O.P.O.T. 18+41.75 "PR-E", 12.00' RT.

P.T. 10+41.25 "SI-4" = O.P.O.C. 17+26.43 "PR-E", 1.46' RT.

P.O.T. 5+00.00 "OCL-1" = O.P.O.T. 10+50.00 "PR-E", 13.91' RT.

P.C. 5+00.00 "SI-2" = O.P.O.T. 12+82.65 "PR-E", 1.00' RT.

P.T. 6+35.24 "SI-2" = O.P.O.T. 12+82.80 "PR-E", 1.00' LT.

P.C. 5+00.00 "SI-3" = O.P.O.C. 15+86.21 "PR-S-3-E", 1.00' LT.

P.T. 6+97.54 "SI-3" = O.P.O.C. 15+86.26 "PR-S-3-E", 1.00' RT.

P.O.T. 11+42.39 "OCL-2" = O.P.O.T. 10+50.00 "PR-E", 10.09' LT.

P.I. 6+13.00 "OCL-1"

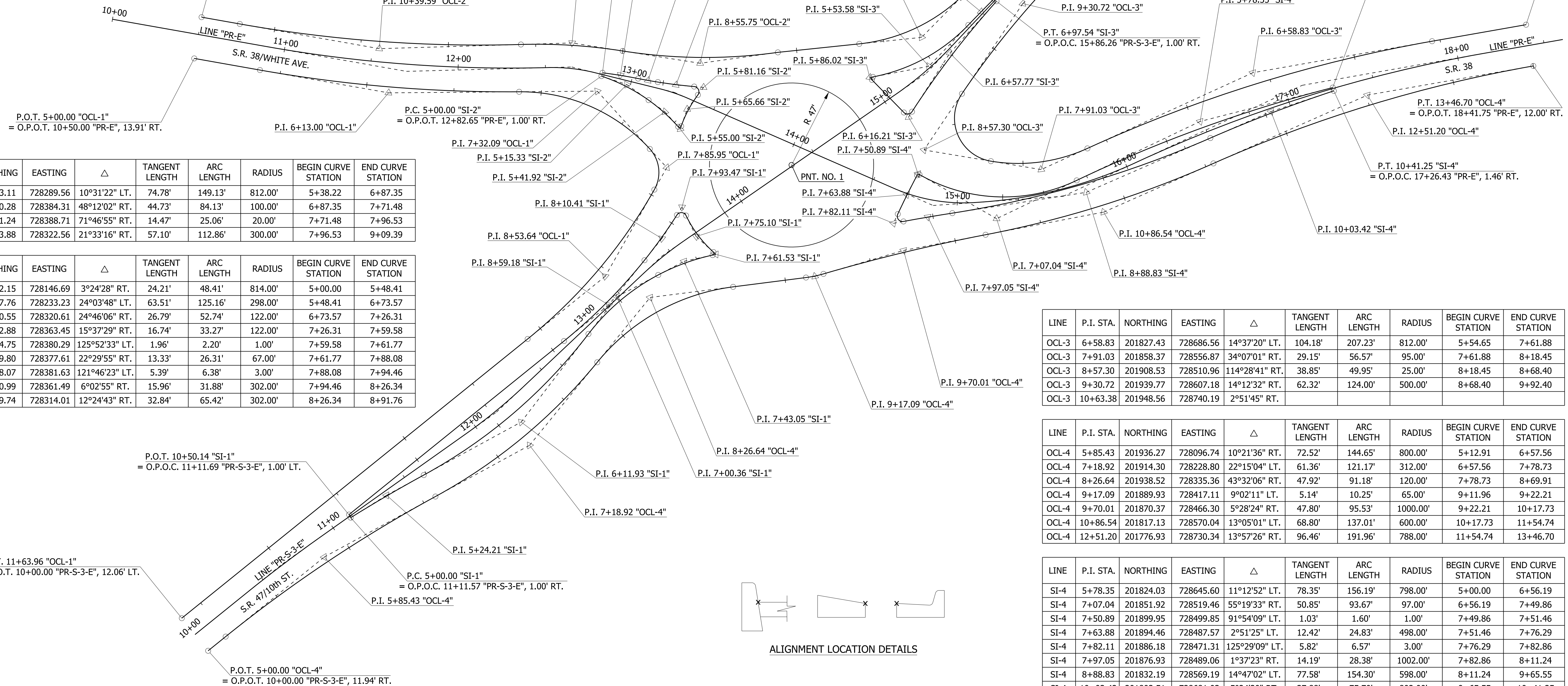
P.I. 9+29.33 "OCL-2"

P.I. 6+24.90 "SI-2"

P.I. 7+30.92 "OCL-2"

P.I. 9+30.72 "OCL-3"

P.I. 5+78.35 "SI-4"



PNT. NO. 1
O.P.O.T. 14+03.55 "PR-E", 11.22' RT.
= O.P.O.T. 14+35.49 "PR-S-3-E", 0.67' LT.

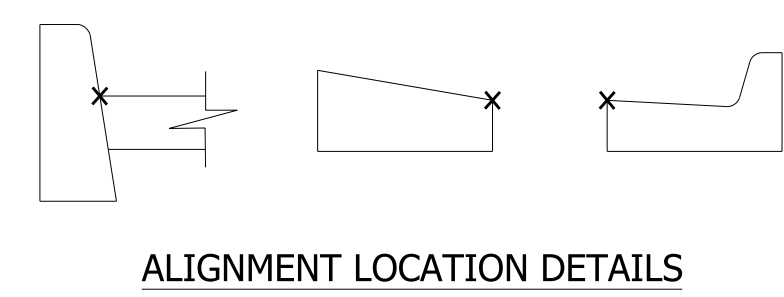


Table with 10 columns: LINE, P.I. STA., NORTHING, EASTING, Δ, TANGENT LENGTH, ARC LENGTH, RADIUS, BEGIN CURVE STATION, END CURVE STATION. Contains 5 rows of curve data for OCL-3.

Table with 10 columns: LINE, P.I. STA., NORTHING, EASTING, Δ, TANGENT LENGTH, ARC LENGTH, RADIUS, BEGIN CURVE STATION, END CURVE STATION. Contains 8 rows of curve data for OCL-4.

Table with 10 columns: LINE, P.I. STA., NORTHING, EASTING, Δ, TANGENT LENGTH, ARC LENGTH, RADIUS, BEGIN CURVE STATION, END CURVE STATION. Contains 8 rows of curve data for SI-4.

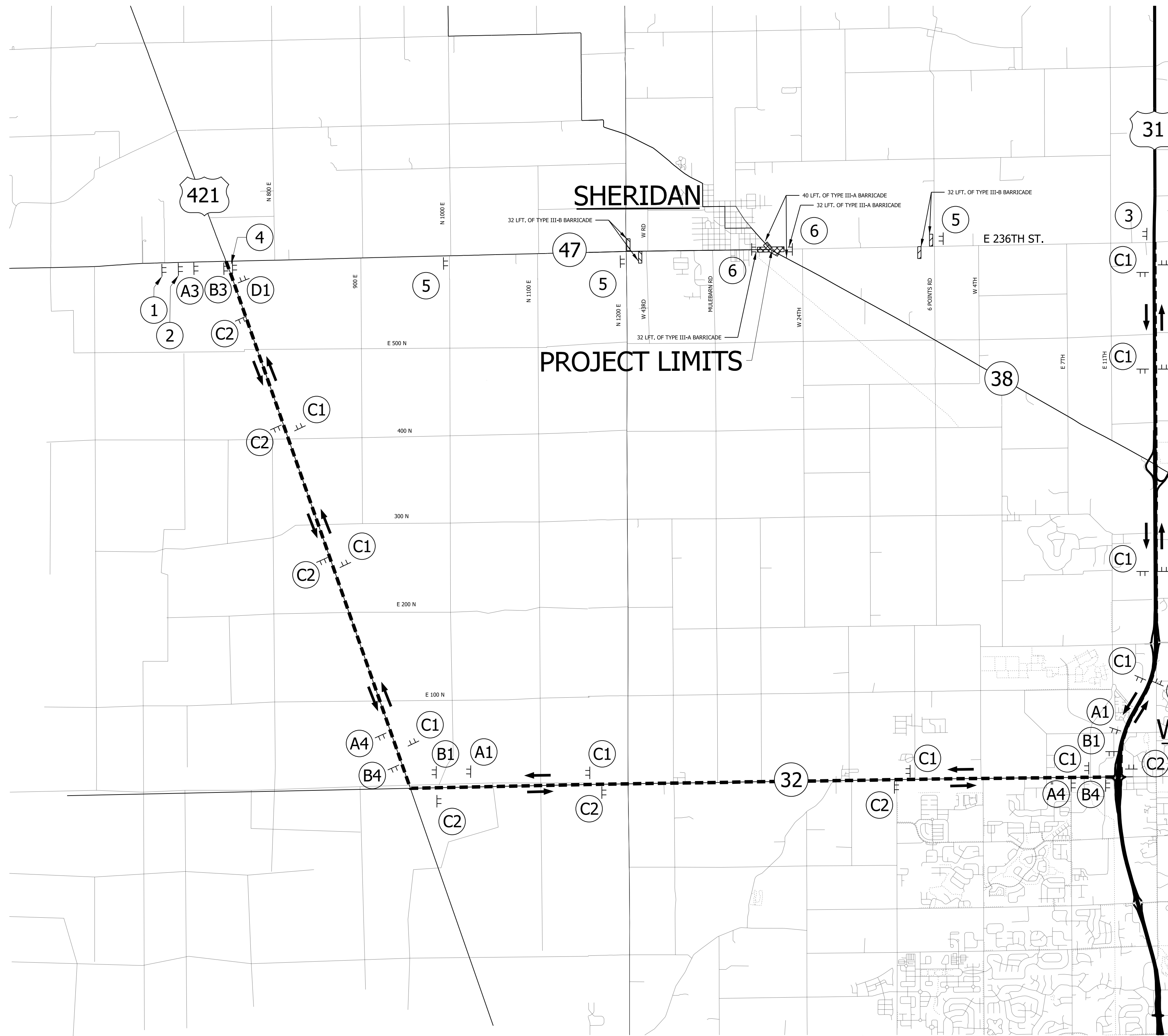
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____

DESIGNED: WRC DRAWN: JWM
CHECKED: LDW CHECKED: WRC

INDIANA
DEPARTMENT OF TRANSPORTATION

ROUNDABOUT
GEOMETRIC LAYOUT

HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: N/A
SURVEY BOOK: _____ SHEETS: 11 of 46
CONTRACT: R-39288 PROJECT: 1601982

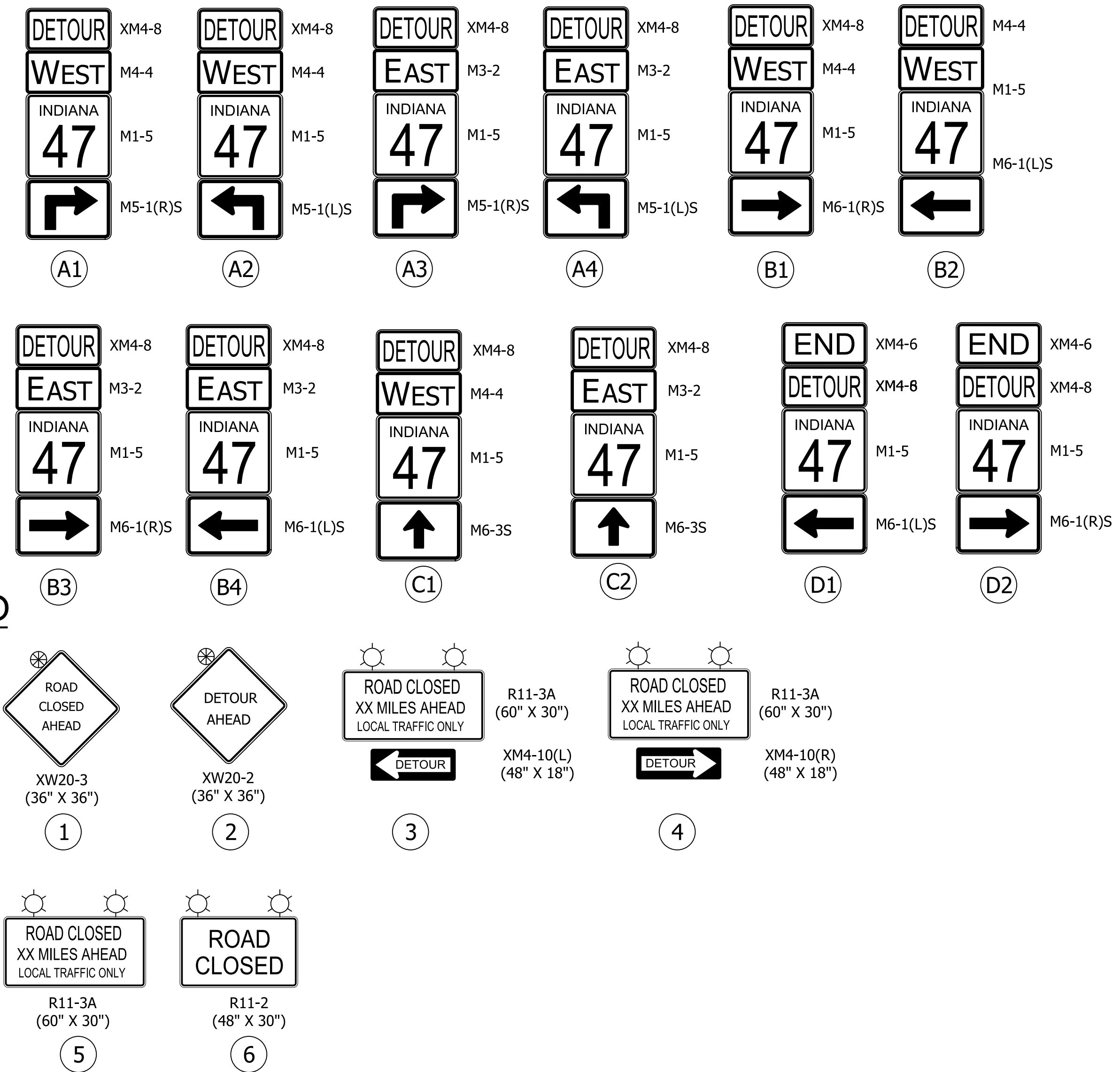
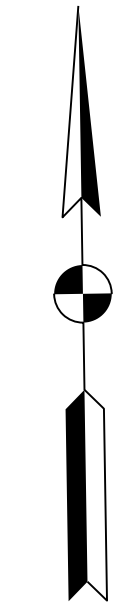
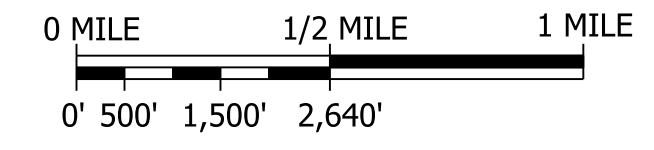


MAINTENANCE OF TRAFFIC - QUANTITIES

CONSTRUCTION SIGN TYPE A	12 - EACH
CONSTRUCTION SIGN TYPE B	4 - EACH
ROAD CLOSURE SIGN ASSEMBLY	12 - EACH
DETOUR ROUTE MARKER ASSEMBLY	34 - EACH
TYPE III-A BARRICADE	144 - LFT
TYPE III-B BARRICADE	132 - LFT
PORTABLE MESSAGE SIGN	2 - EACH

DETOUR LEGEND

	CONSTRUCTION SIGN
	LOW INTENSITY TYPE "A" CONSTRUCTION WARNING LIGHT
	LOW INTENSITY TYPE "B" CONSTRUCTION WARNING LIGHT
	STANDARD BARRICADE, TYPE III-B
	CONSTRUCTION AREA
	DIRECTION OF DETOUR
	DETOUR ROUTE



- NOTES:**
- SR 47 TO BE DETOURED DURING CONSTRUCTION. SR 38 TO REMAIN OPEN AND BE CONSTRUCTED IN PHASES.
 - ADJACENT DRIVEWAY ACCESS TO REMAIN OPEN AT ALL TIMES.
 - REFER TO INDOT STANDARD DRAWINGS E801-TCDT, E 801-TCDV, E801-TCLG AND E 801-TCSN FOR FURTHER DETAILS OF TRAFFIC CONTROL SIGNS AND PLACEMENT.

ROAD CLOSURE SIGN ASSEMBLY (RCSA)

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 2000'	BRIDGE FILE
DESIGNED: WRC	DRAWN: JWM		VERTICAL SCALE N/A	DESIGNATION 2000816
CHECKED: LDW	CHECKED: WRC	MAINTENANCE OF TRAFFIC DETOUR ROUTE - S.R. 47	SURVEY BOOK	SHEETS 12 of 46
			CONTRACT R-39288	PROJECT 1601982

223+00

224+00

225+00

226+00

227+00

228+00

229+00

230+00

231+00

NOTES:

PRE-PHASE 1:

1. DRAINAGE STRUCTURES 1, 309, 316, 318, 323, 323A, 326, 327, 328, 329, AND 330 WILL BE INSTALLED PRIOR TO PHASE 1 IN ORDER TO PROVIDE A POSITIVE DISCHARGE POINT FOR THE DRAINAGE SYSTEM.

2. TEMPORARY PAVEMENT WILL BE INSTALLED ALONG THE EAST SIDE OF SR 38 FOR USE IN PHASE I

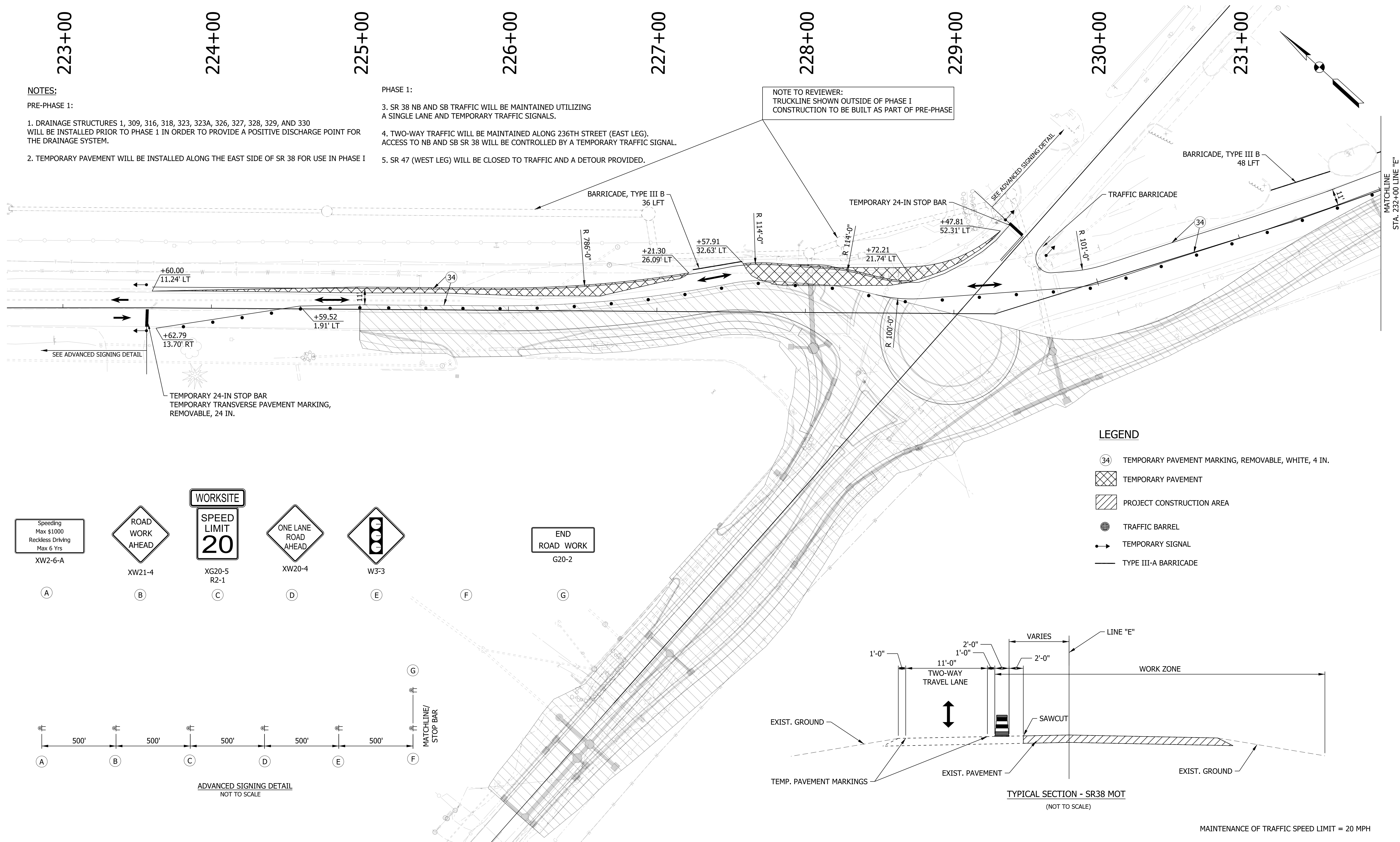
PHASE 1:

3. SR 38 NB AND SB TRAFFIC WILL BE MAINTAINED UTILIZING A SINGLE LANE AND TEMPORARY TRAFFIC SIGNALS.

4. TWO-WAY TRAFFIC WILL BE MAINTAINED ALONG 236TH STREET (EAST LEG). ACCESS TO NB AND SB SR 38 WILL BE CONTROLLED BY A TEMPORARY TRAFFIC SIGNAL.

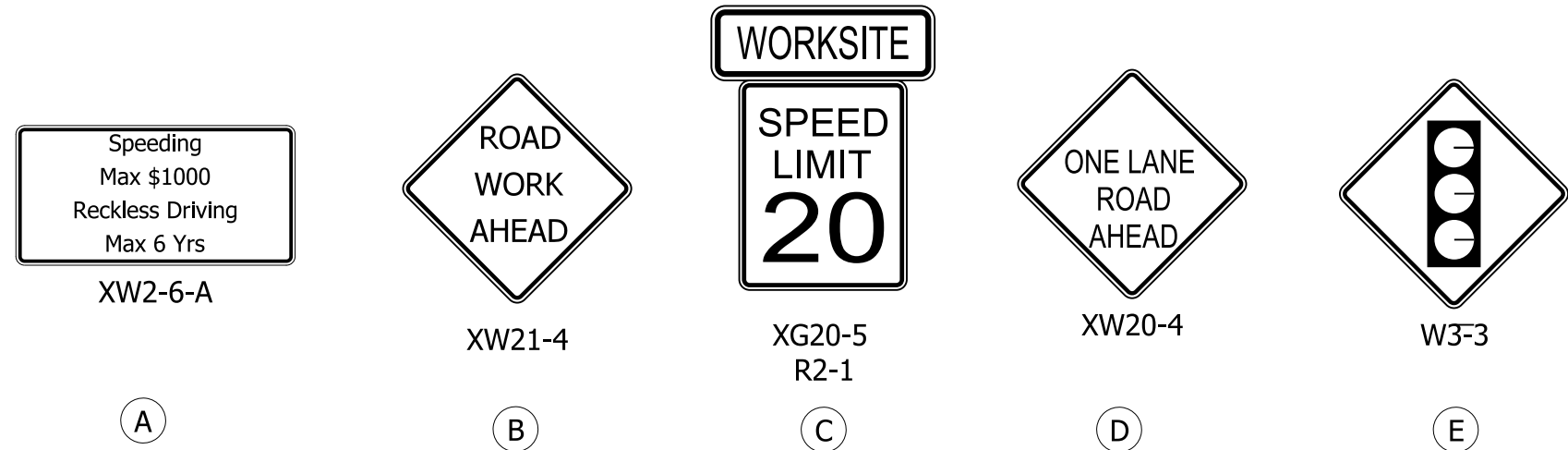
5. SR 47 (WEST LEG) WILL BE CLOSED TO TRAFFIC AND A DETOUR PROVIDED.

NOTE TO REVIEWER: TRUCKLINE SHOWN OUTSIDE OF PHASE I CONSTRUCTION TO BE BUILT AS PART OF PRE-PHASE

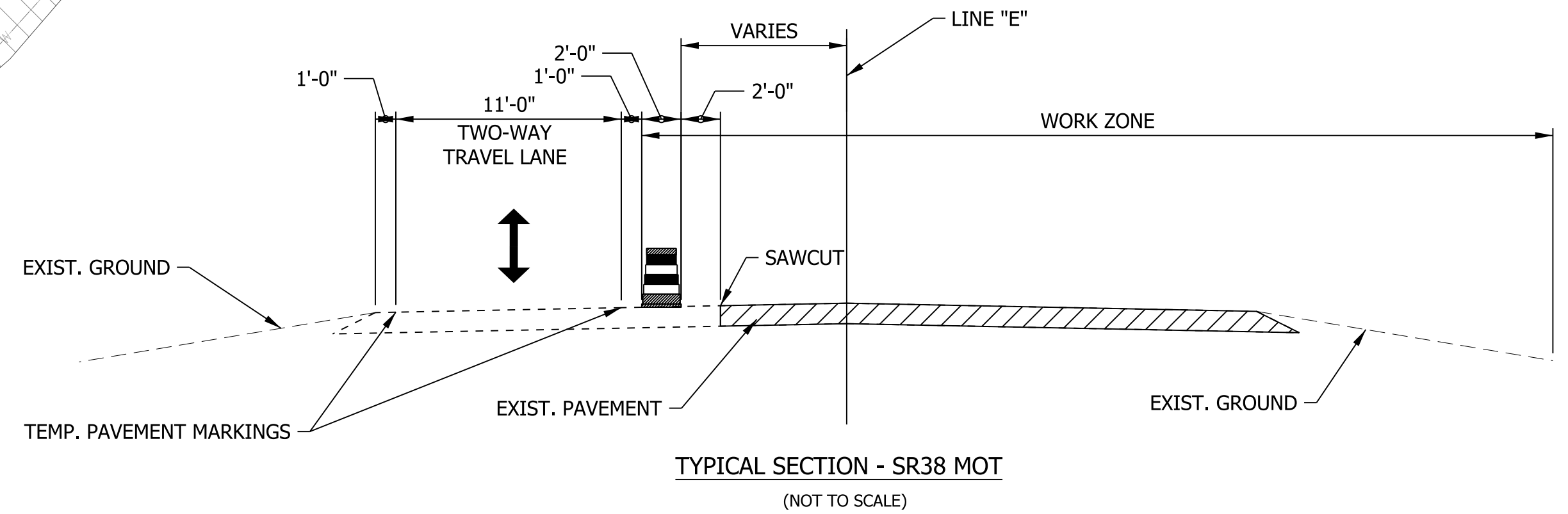


LEGEND

- ③④ TEMPORARY PAVEMENT MARKING, REMOVABLE, WHITE, 4 IN.
- ▨ TEMPORARY PAVEMENT
- ▨ PROJECT CONSTRUCTION AREA
- TRAFFIC BARREL
- TEMPORARY SIGNAL
- TYPE III-A BARRICADE



ADVANCED SIGNING DETAIL
NOT TO SCALE



TYPICAL SECTION - SR38 MOT
NOT TO SCALE

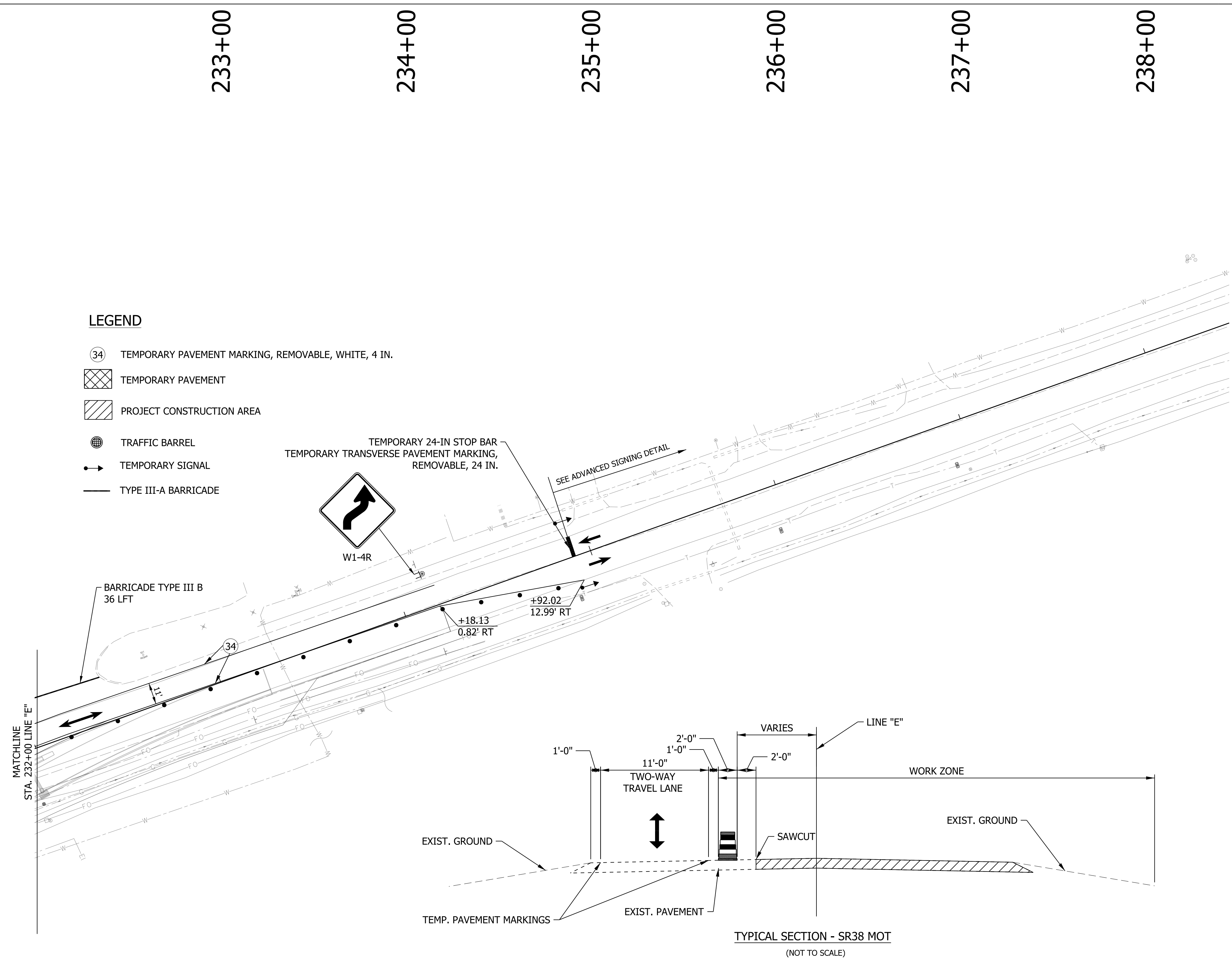
MAINTENANCE OF TRAFFIC SPEED LIMIT = 20 MPH

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

INDIANA
DEPARTMENT OF TRANSPORTATION

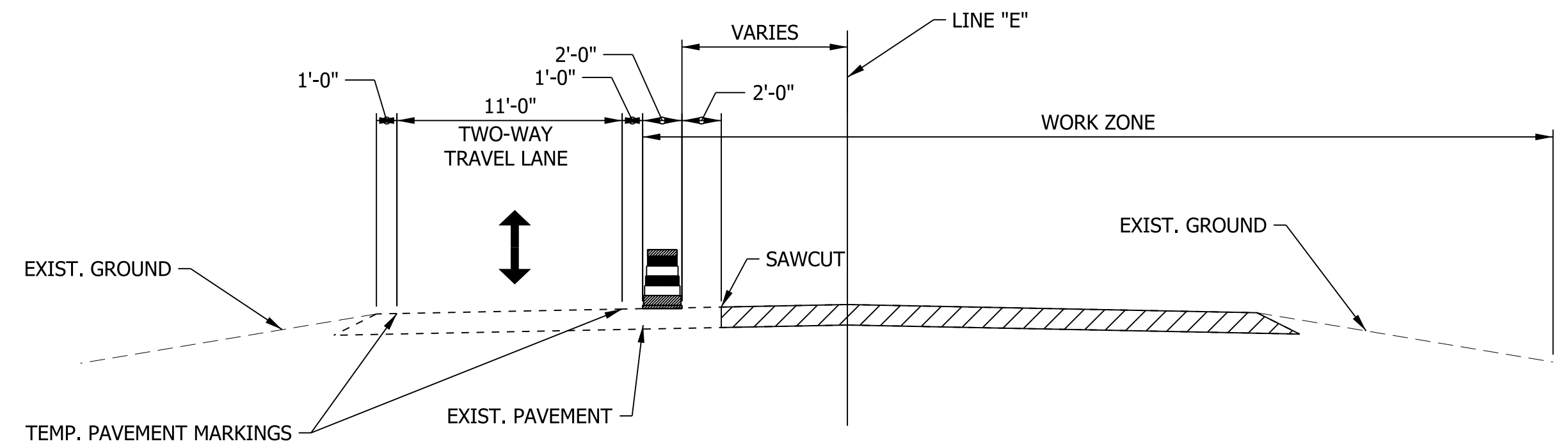
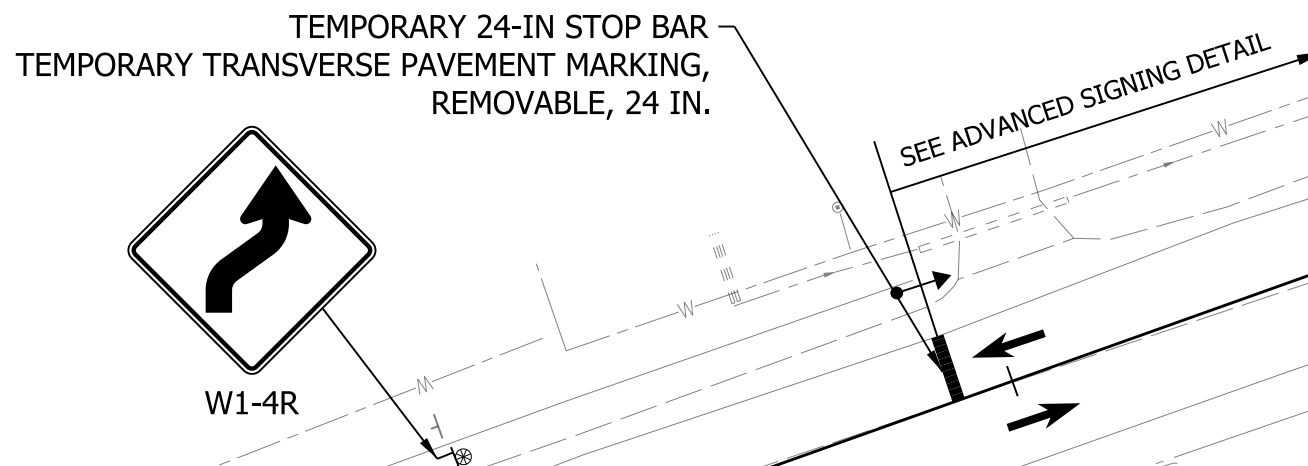
MOT PHASE I
LINE "E"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2000816
SURVEY BOOK	SHEETS
	13 of 46
CONTRACT	PROJECT
R-39288	1601982

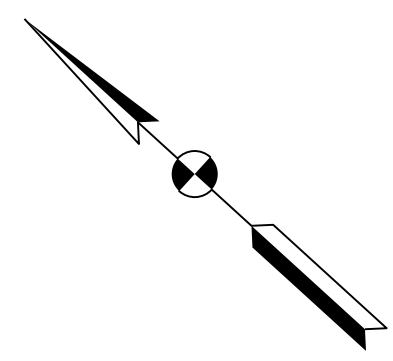


LEGEND

- (34) TEMPORARY PAVEMENT MARKING, REMOVABLE, WHITE, 4 IN.
- TEMPORARY PAVEMENT
- PROJECT CONSTRUCTION AREA
- TRAFFIC BARREL
- TEMPORARY SIGNAL
- TYPE III-A BARRICADE



TYPICAL SECTION - SR38 MOT
(NOT TO SCALE)



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

INDIANA
DEPARTMENT OF TRANSPORTATION

MOT PHASE I
LINE "E"

HORIZONTAL SCALE 1" = 30'	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 2000816
SURVEY BOOK	SHEETS
CONTRACT R-39288	14 of 46 PROJECT 1601982

223+00

224+00

225+00

226+00

227+00

228+00

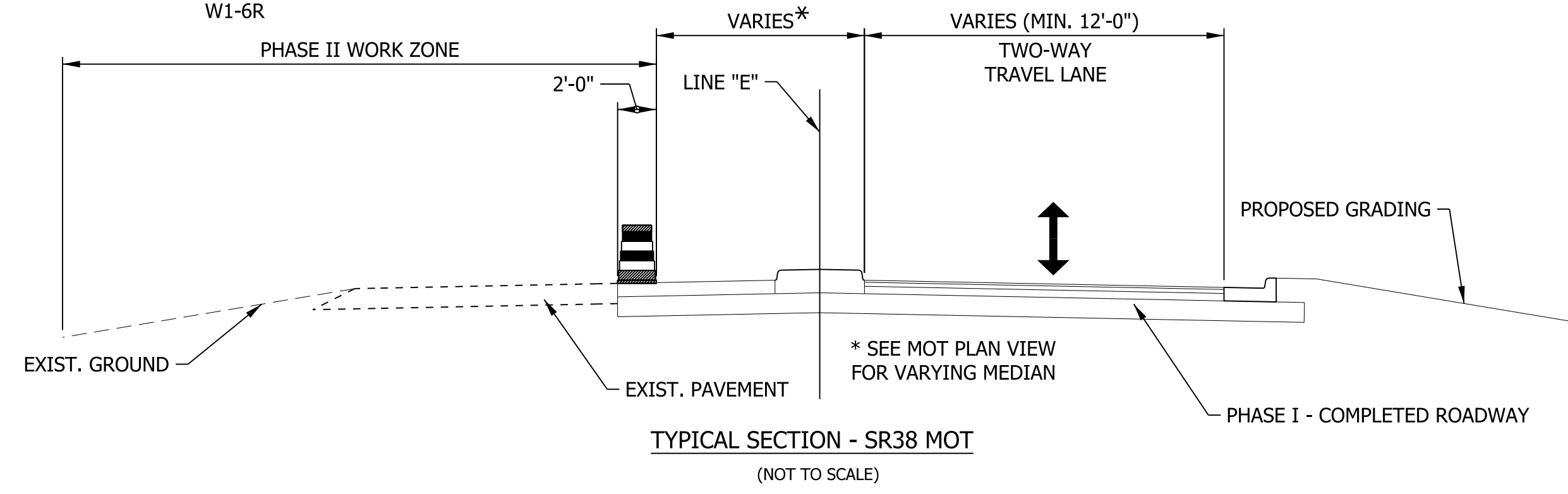
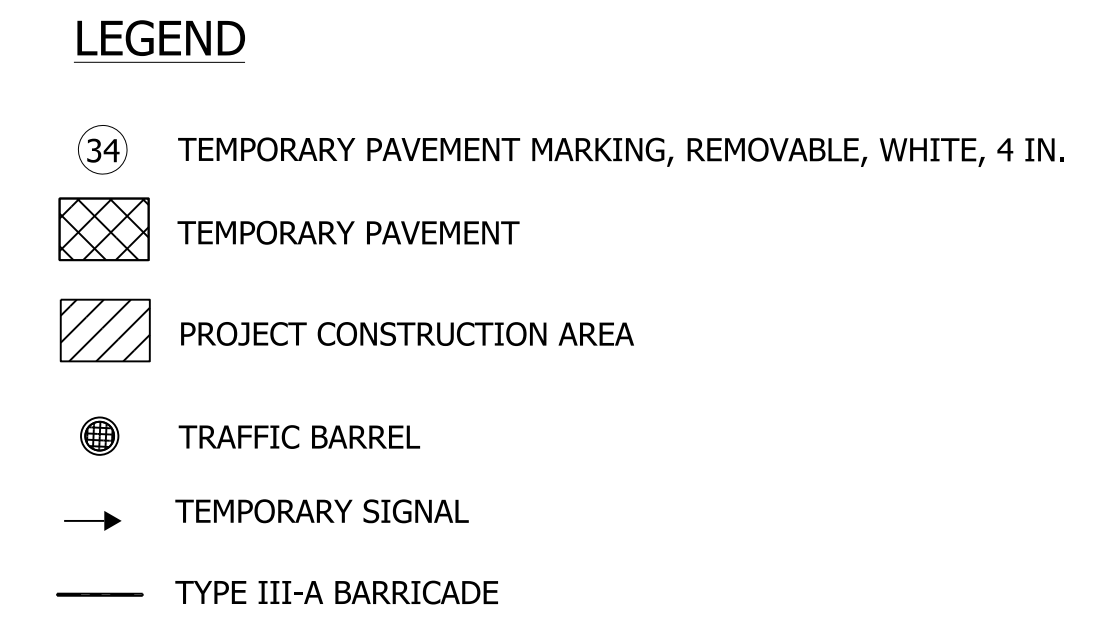
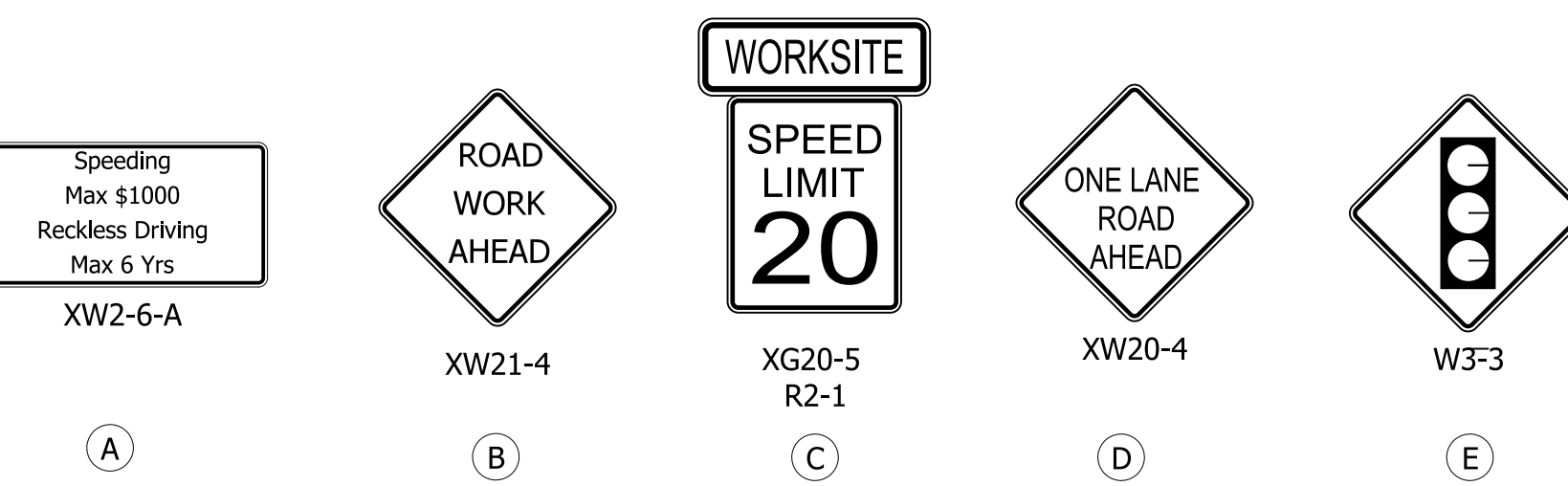
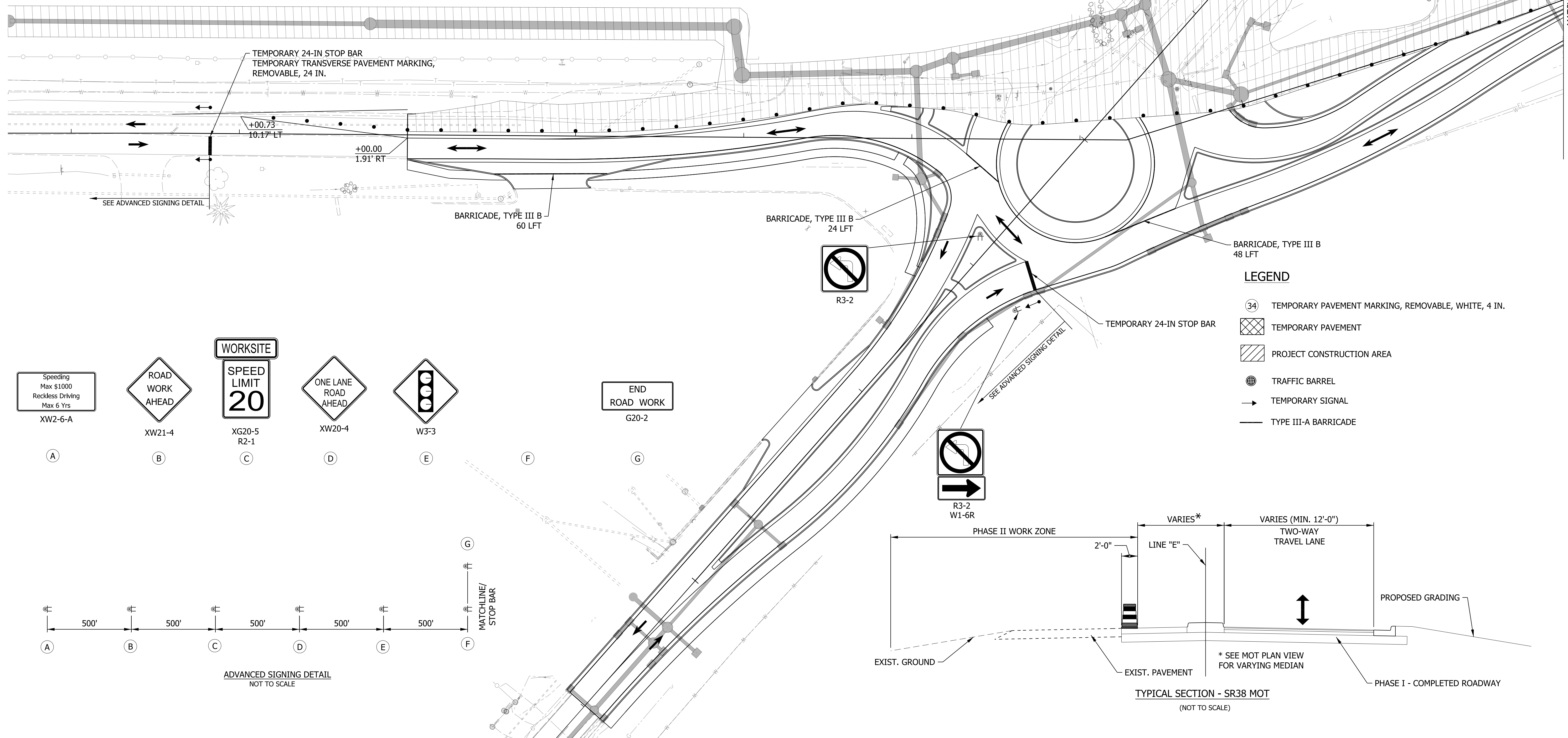
229+00

230+00

231+00

NOTES:
PHASE 2:

1. SR 38 NB AND SB TRAFFIC WILL BE MAINTAINED UTILIZING A SINGLE LANE AND TEMPORARY TRAFFIC SIGNALS.
2. 236TH STREET (EAST LEG) WILL BE CLOSED TO TRAFFIC AND A DETOUR PROVIDED.
3. TWO-WAY TRAFFIC WILL BE MAINTAINED ALONG SR 47 (WEST LEG). ACCESS TO SB SR 38 WILL BE CONTROLLED BY A TEMPORARY TRAFFIC SIGNAL. LEFT TURNS FROM SR 47 TO NB SR 38 WILL BE PROHIBITED AND A DETOUR WILL BE PROVIDED.

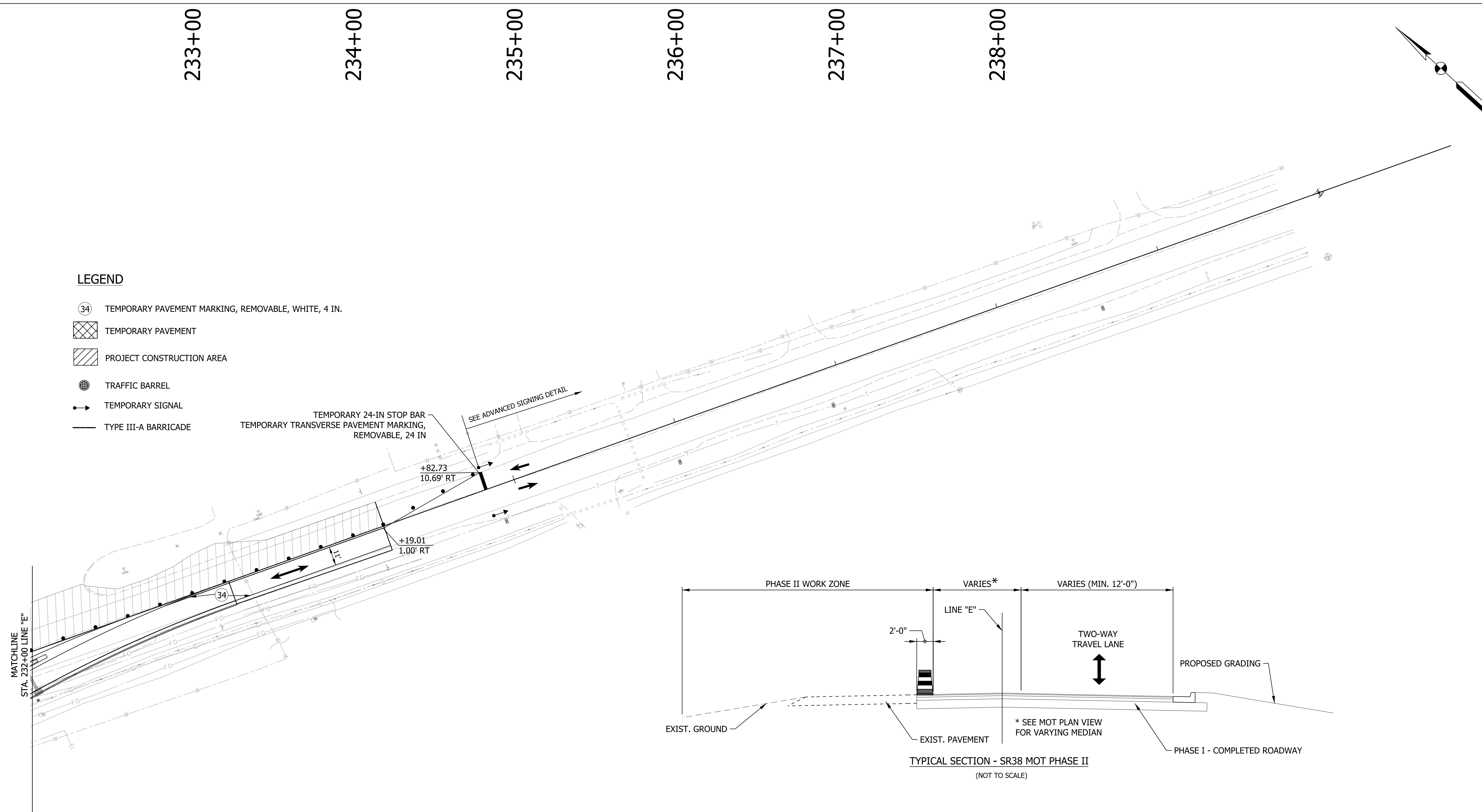


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: WRC	DRAWN: JWM	
CHECKED: LDW	CHECKED: WRC	

INDIANA
DEPARTMENT OF TRANSPORTATION

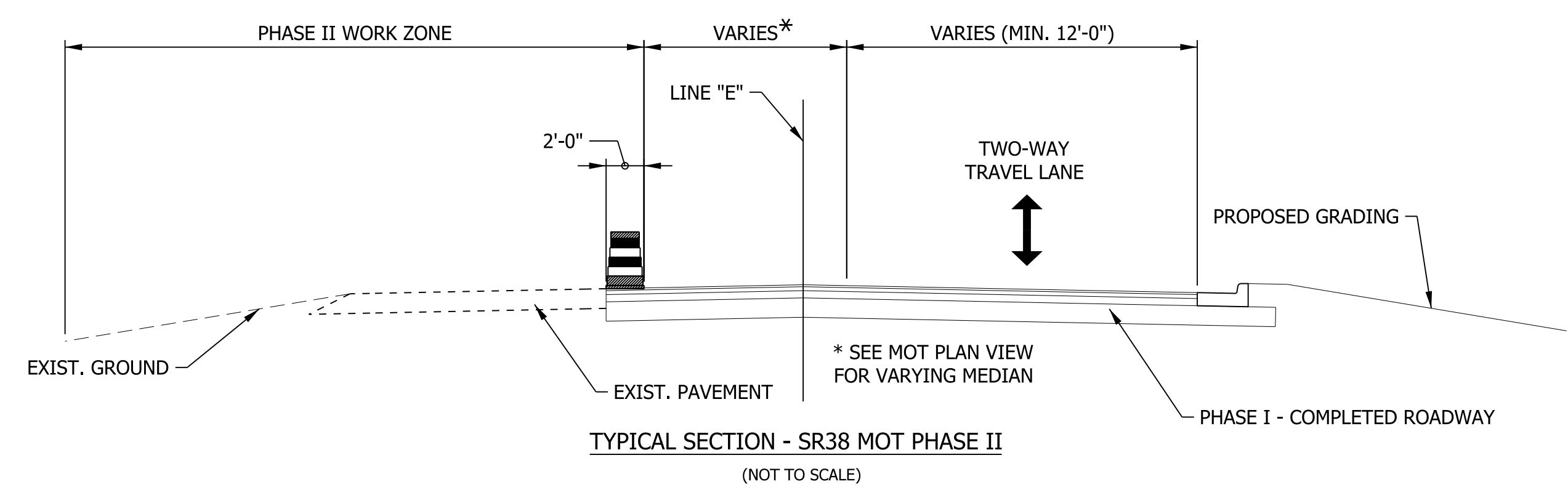
MOT PHASE II
LINE "E"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2000816
SURVEY BOOK	SHEETS
	15 of 46
CONTRACT	PROJECT
R-39288	1601982



LEGEND

- ③④ TEMPORARY PAVEMENT MARKING, REMOVABLE, WHITE, 4 IN.
- ▨ TEMPORARY PAVEMENT
- ▧ PROJECT CONSTRUCTION AREA
- TRAFFIC BARREL
- TEMPORARY SIGNAL
- TYPE III-A BARRICADE

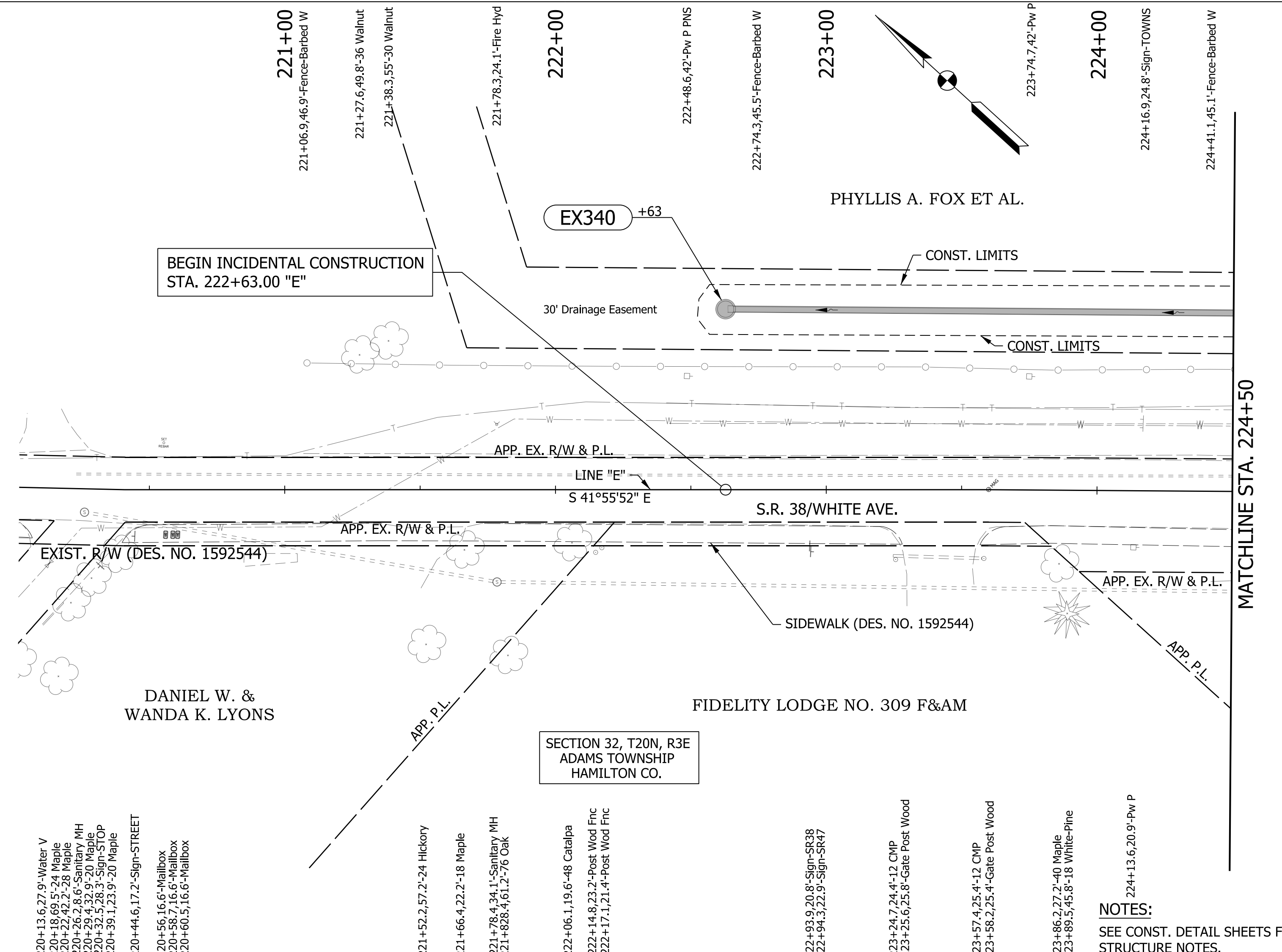


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: WRC	DRAWN: JWM	
CHECKED: LDW	CHECKED: WRC	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**MOT PHASE II
LINE "E"**

HORIZONTAL SCALE 1" = 30'	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 2000816
SURVEY BOOK	SHEETS
CONTRACT R-39288	16 of 46 PROJECT 1601982



Station	COMMON EXCAVATION	Balance	Vertical Elevation
970	LINE "PR-E" = 2271 CYS LINE "PR-S-3-E" = 1898 CYS TOTAL = 4169 CYS		948.7
960	FILL LINE "PR-E" = 394 CYS LINE "PR-S-3-E" = 902 CYS SUBTOTAL = 1296 CYS 25% SWELL = 324 CYS TOTAL = 1620 CYS		949.0
950	BALANCE TOTAL FILL = 1620 CYS TOTAL EXCAVATION = 4169 CYS UNSUITABLE MATERIAL = 1416 CYS WASTE = 3966 CYS		948.8
940			949.1
930			948.8
920			949.0
			948.8
			948.5
			948.7
			949.1
			949.6

LEGEND

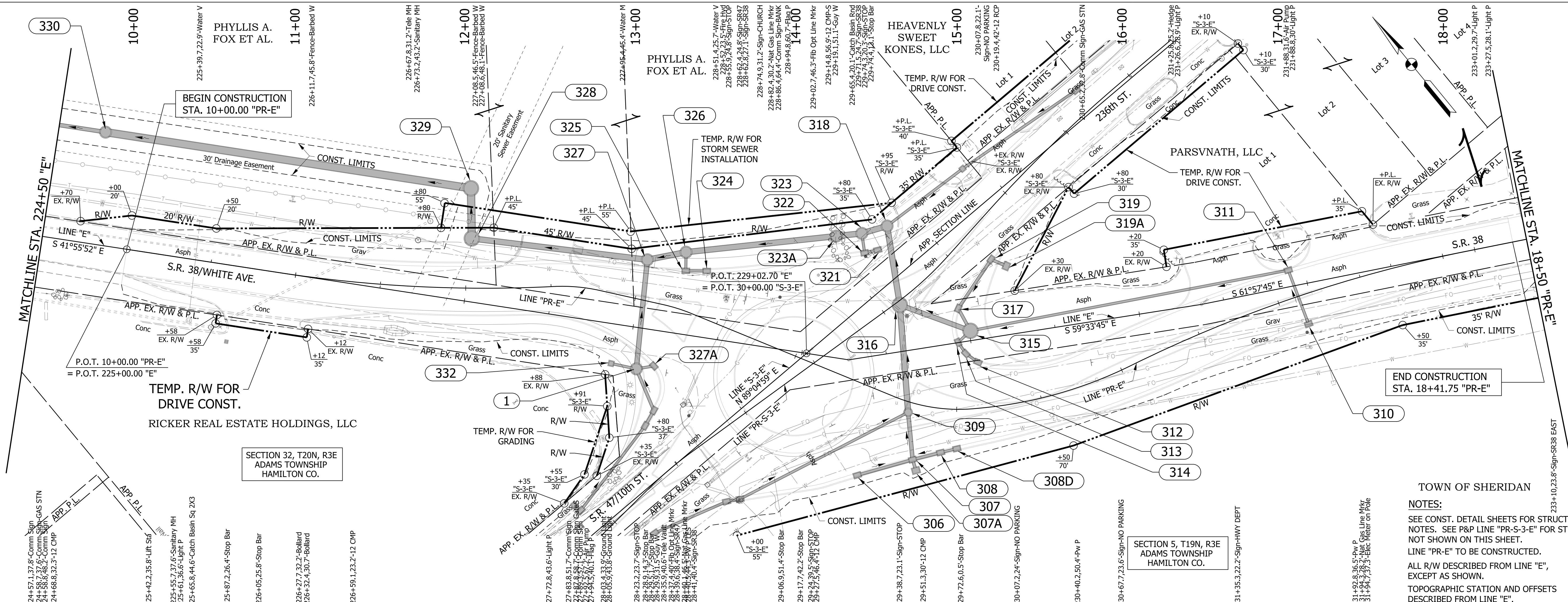
— (STR. NO.)

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

INDIANA
DEPARTMENT OF TRANSPORTATION

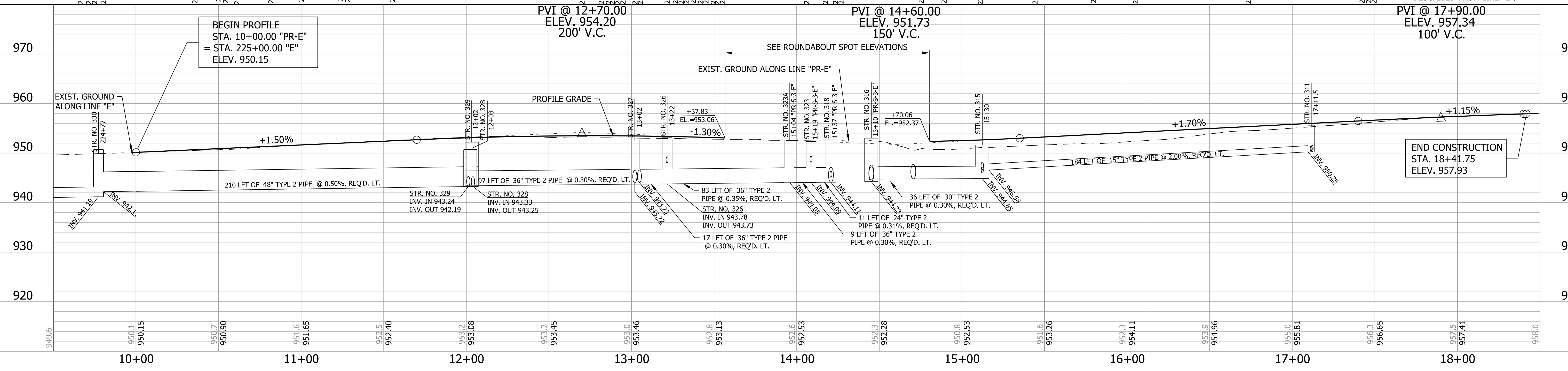
**PLAN & PROFILE
LINE "E"**

HORIZONTAL SCALE 1"=30'	BRIDGE FILE
VERTICAL SCALE 1"=10'	DESIGNATION 2000816
SURVEY BOOK	SHEETS 17 of 46
CONTRACT R-39288	PROJECT 1601982

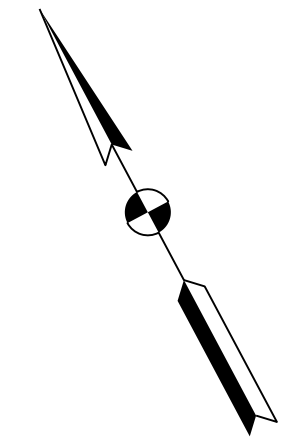
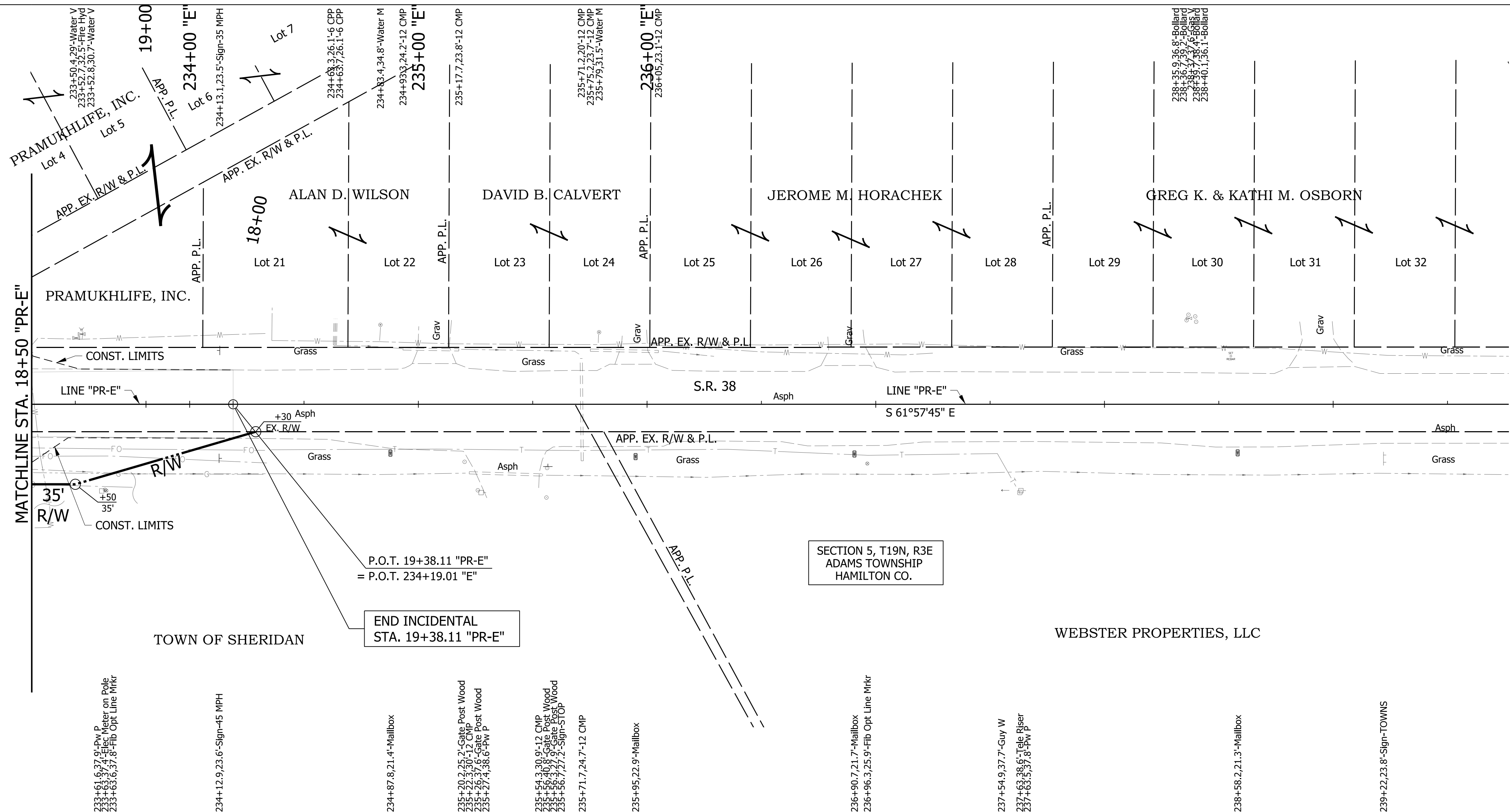


TOWN OF SHERIDAN

NOTES:
 SEE CONST. DETAIL SHEETS FOR STRUCTURE NOTES. SEE P&P LINE "PR-S-3-E" FOR STR. NO.'S NOT SHOWN ON THIS SHEET.
 LINE "PR-E" TO BE CONSTRUCTED.
 ALL R/W DESCRIBED FROM LINE "E", EXCEPT AS SHOWN.
 TOPOGRAPHIC STATION AND OFFSETS DESCRIBED FROM LINE "E".



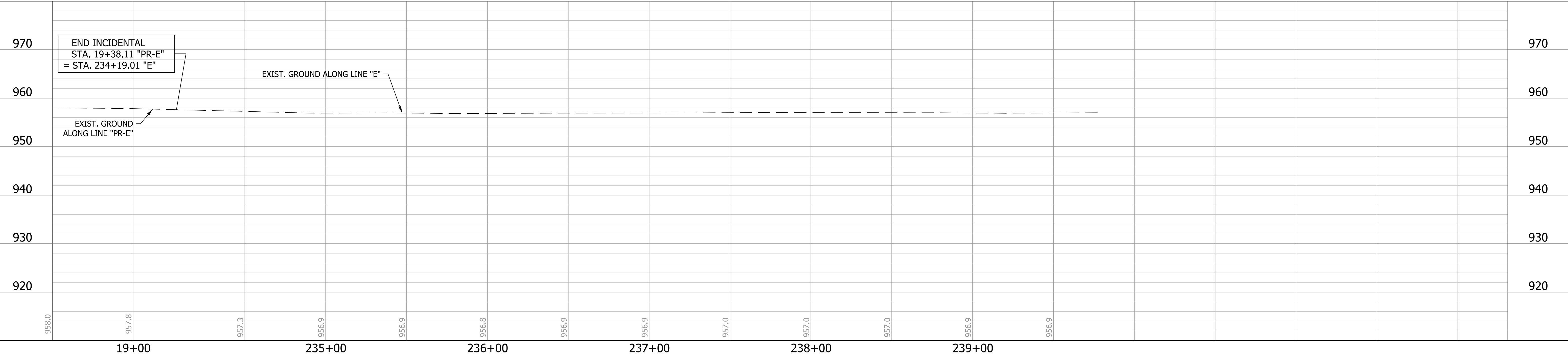
<p>LEGEND</p> <p>— STR. NO.</p>		<p>RECOMMENDED FOR APPROVAL</p> <p>DESIGN ENGINEER DATE</p>		<p>INDIANA DEPARTMENT OF TRANSPORTATION</p>		<p>HORIZONTAL SCALE 1"=30'</p> <p>VERTICAL SCALE 1"=10'</p> <p>SURVEY BOOK</p>		<p>BRIDGE FILE</p> <p>DESIGNATION 2000816</p> <p>SHEETS 18 of 46</p> <p>PROJECT 1601982</p>	
DESIGNED: WRC	DRAWN: JWM	CHECKED: LDW	CHECKED: WRC	<p>PLAN & PROFILE LINE "PR-E"</p>		<p>CONTRACT R-39288</p>			



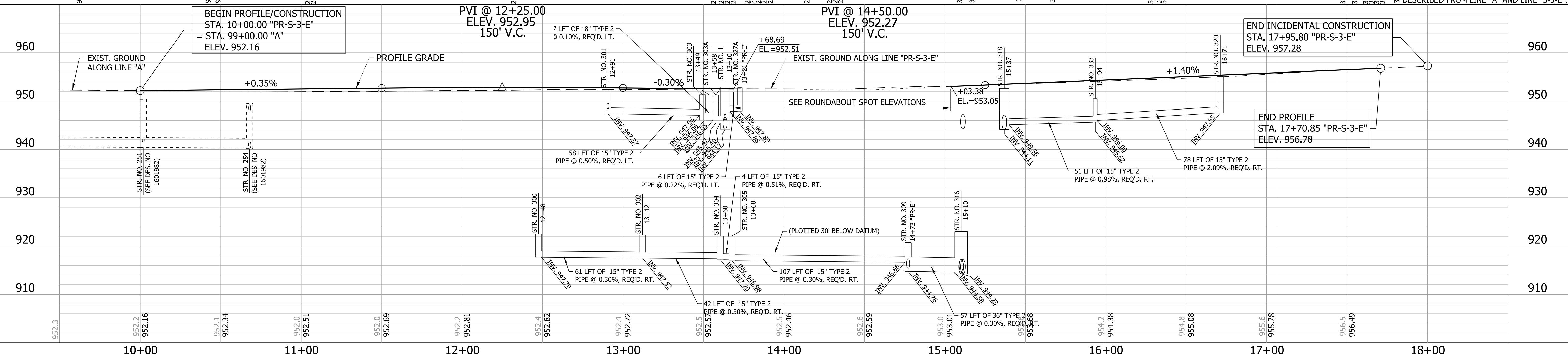
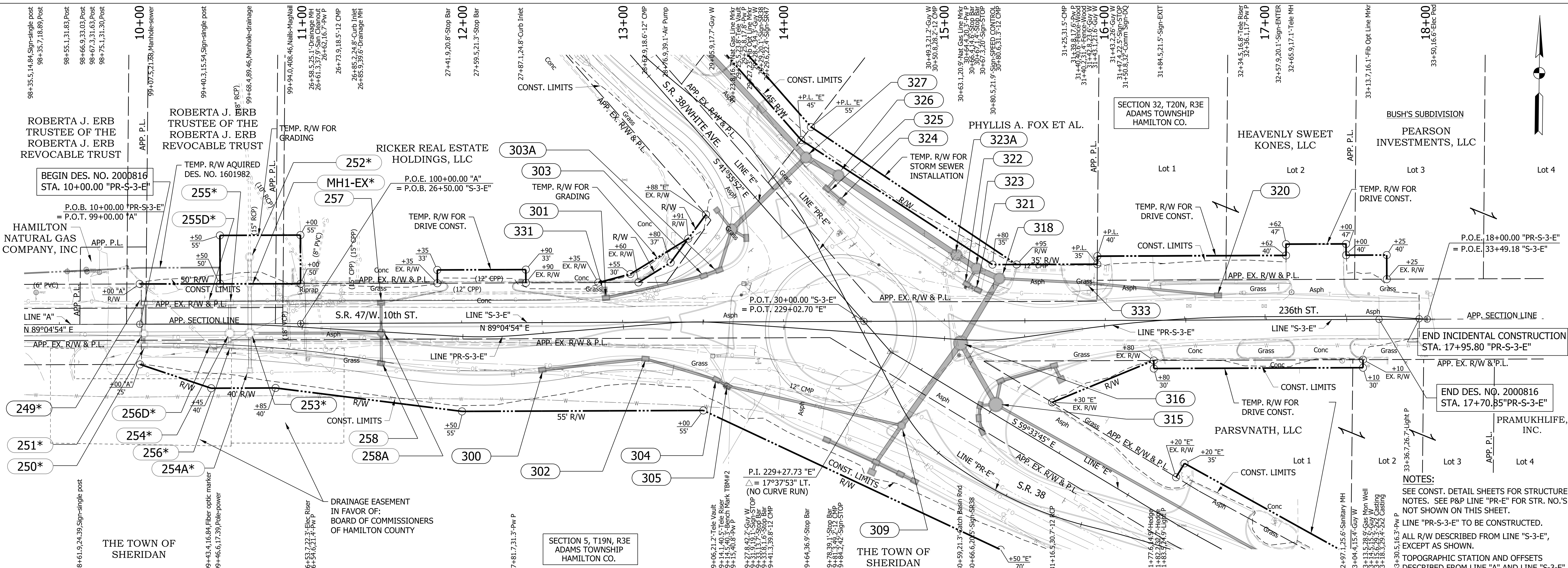
SECTION 5, T19N, R3E
ADAMS TOWNSHIP
HAMILTON CO.

END INCIDENTAL
STA. 19+38.11 "PR-E"
= P.O.T. 234+19.01 "E"

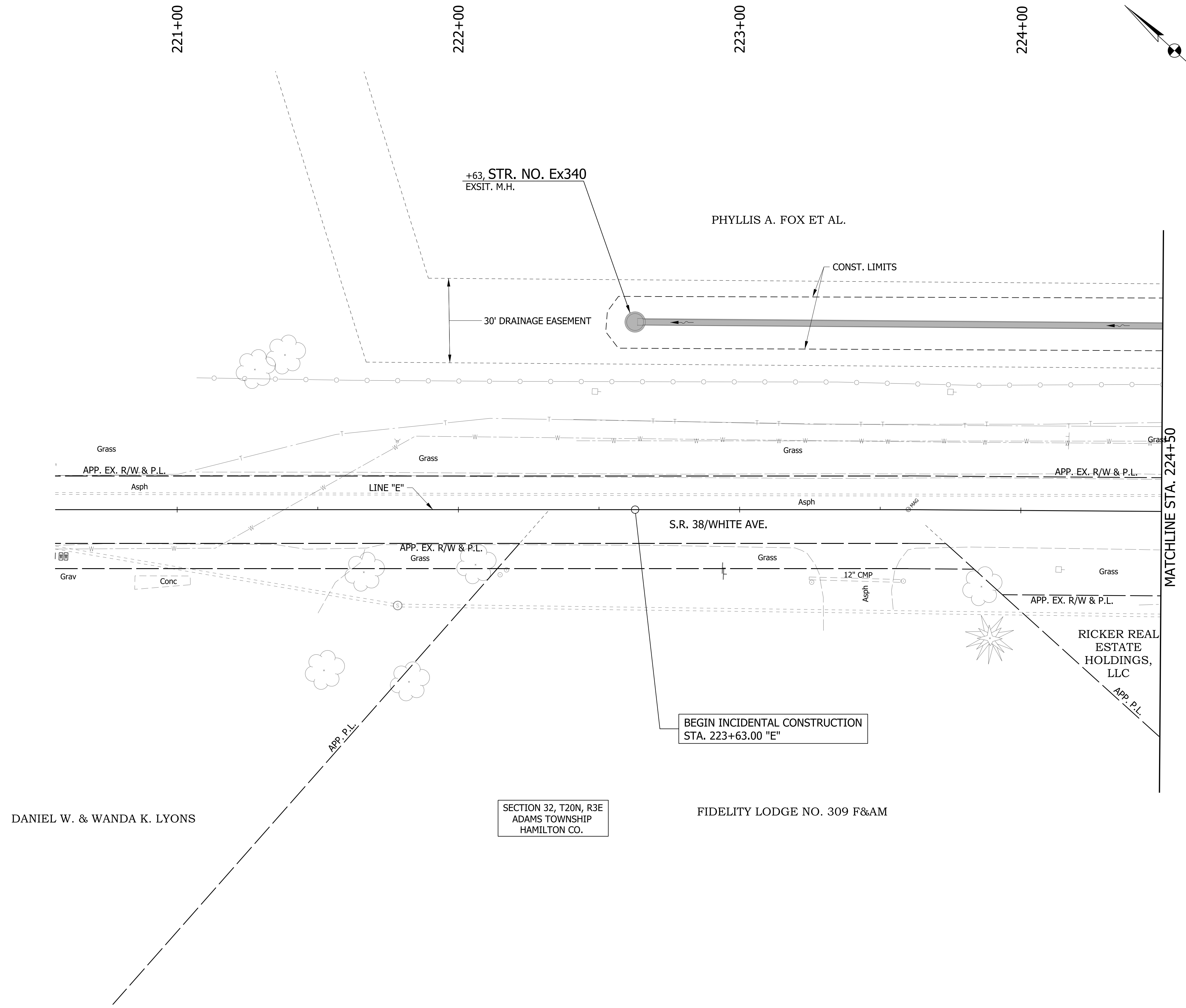
NOTES:
LINE "PR-E" TO BE CONSTRUCTED.
ALL R/W DESCRIBED FROM LINE "E",
EXCEPT AS SHOWN.
TOPOGRAPHIC STATION AND OFFSETS
DESCRIBED FROM LINE "E".



RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1"=30'	BRIDGE FILE
	DESIGNED: WRC	DRAWN: JWM			VERTICAL SCALE 1"=10'	DESIGNATION 2000816
CHECKED: LDW	CHECKED: WRC		PLAN & PROFILE LINE "PR-E"		SURVEY BOOK	SHEETS
					CONTRACT R-39288	19 of 46



LEGEND STR. NO. STR. NO.* (BY OTHERS, SEE DES. NO. 1601982)		RECOMMENDED FOR APPROVAL DESIGN ENGINEER DATE DESIGNED: WRC DRAWN: JWM CHECKED: LDW CHECKED: WRC		INDIANA DEPARTMENT OF TRANSPORTATION PLAN & PROFILE LINE "PR-S-3-E"		HORIZONTAL SCALE 1"=30' BRIDGE FILE VERTICAL SCALE 1"=10' DESIGNATION 2000816 SURVEY BOOK SHEETS 20 of 46 CONTRACT PROJECT R-39288 1601982	
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LEGEND

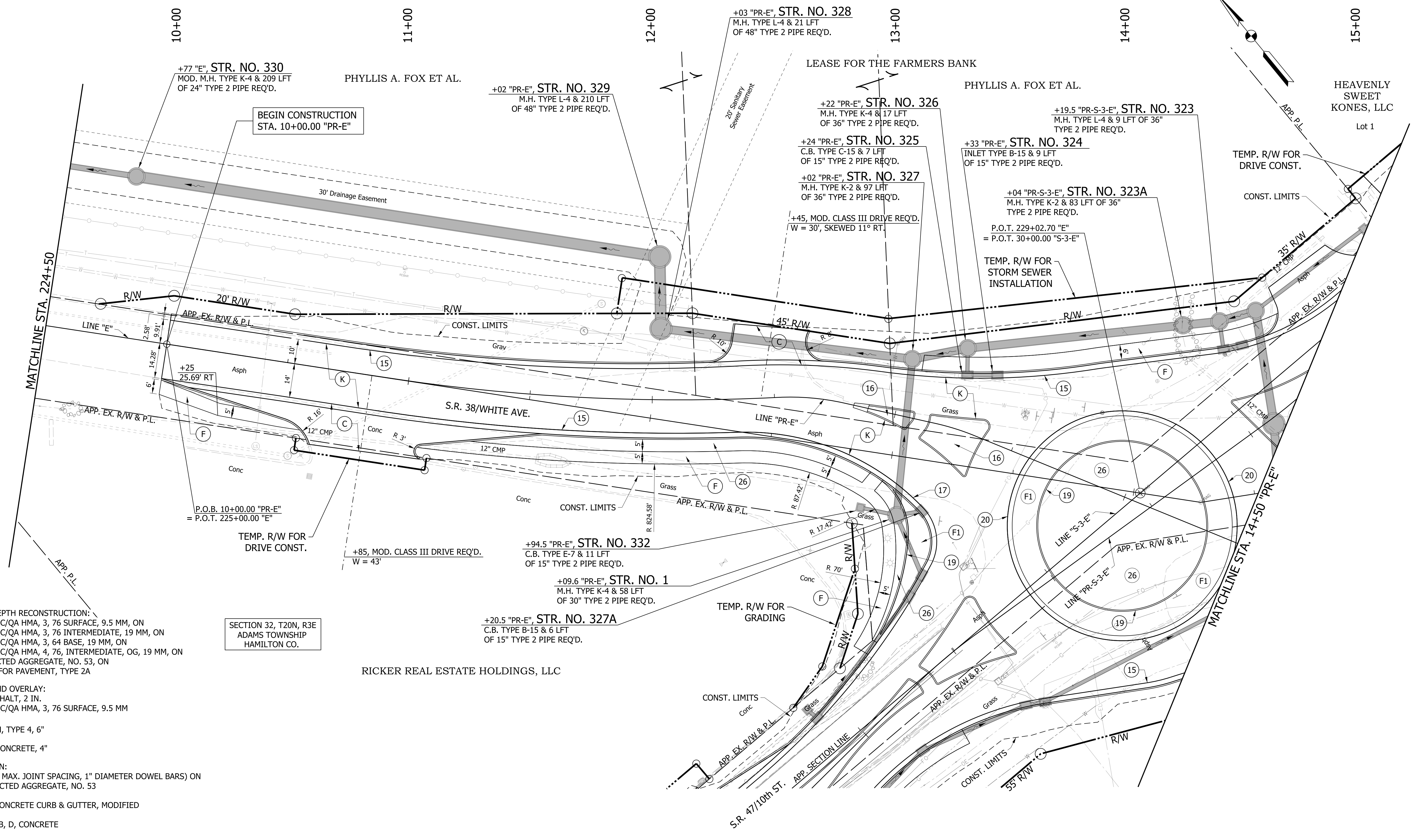
- (K) HMA, FULL DEPTH RECONSTRUCTION:
220 LB/SYD QC/QA HMA, 3, 76 SURFACE, 9.5 MM, ON
275 LB/SYD QC/QA HMA, 3, 76 INTERMEDIATE, 19 MM, ON
715 LB/SYD QC/QA HMA, 3, 64 BASE, 19 MM, ON
250 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON
4 IN. COMPACTED AGGREGATE, NO. 53, ON
GEOTEXTILE FOR PAVEMENT, TYPE 2A
- (R) HMA, MILL AND OVERLAY:
MILLING, ASPHALT, 2 IN.
220 LB/SYD QC/QA HMA, 3, 76 SURFACE, 9.5 MM
- (U) UNDERDRAIN, TYPE 4, 6"
- (F) SIDEWALK, CONCRETE, 4"
- (F1) TRUCK APRON:
PCCP, 7" (15" MAX. JOINT SPACING, 1" DIAMETER DOWEL BARS) ON
12.5" COMPACTED AGGREGATE, NO. 53
- (15) COMBINED CONCRETE CURB & GUTTER, MODIFIED
- (16) CENTER CURB, D, CONCRETE
- (17) COMBINED CURB AND GUTTER, CONCRETE, TYPE B
- (19) CURB, CONCRETE
- (20) COMBINED CURB AND GUTTER, CONCRETE, TYPE B, MODIFIED
- (26) SODDING, NURSERY

BEGIN INCIDENTAL CONSTRUCTION
STA. 223+63.00 "E"

SECTION 32, T20N, R3E
ADAMS TOWNSHIP
HAMILTON CO.

NOTES:
ALL R/W DESCRIBED FROM LINE "E",
EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 20' VERTICAL SCALE N/A	BRIDGE FILE DESIGNATION 2000816
DESIGNED: WRC DRAWN: JWM CHECKED: LDW CHECKED: WRC	CONSTRUCTION DETAIL LINE "E"	SURVEY BOOK CONTRACT R-39288	SHEETS 21 of 46 PROJECT 1601982



- LEGEND**
- (K) HMA, FULL DEPTH RECONSTRUCTION:
220 LB/SYD QC/QA HMA, 3, 76 SURFACE, 9.5 MM, ON
275 LB/SYD QC/QA HMA, 3, 76 INTERMEDIATE, 19 MM, ON
715 LB/SYD QC/QA HMA, 3, 64 BASE, 19 MM, ON
250 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON
4 IN. COMPACTED AGGREGATE, NO. 53, ON
GEOTEXTILE FOR PAVEMENT, TYPE 2A
 - (R) HMA, MILL AND OVERLAY:
MILLING, ASPHALT, 2 IN.
220 LB/SYD QC/QA HMA, 3, 76 SURFACE, 9.5 MM
 - (U) UNDERDRAIN, TYPE 4, 6"
 - (F) SIDEWALK, CONCRETE, 4"
 - (F1) TRUCK APRON:
PCCP, 7" (15" MAX. JOINT SPACING, 1" DIAMETER DOWEL BARS) ON
12.5" COMPACTED AGGREGATE, NO. 53
 - (15) COMBINED CONCRETE CURB & GUTTER, MODIFIED
 - (16) CENTER CURB, D, CONCRETE
 - (17) COMBINED CURB AND GUTTER, CONCRETE, TYPE B
 - (19) CURB, CONCRETE
 - (20) COMBINED CURB AND GUTTER, CONCRETE, TYPE B, MODIFIED
 - (26) SODDING, NURSERY

SECTION 32, T20N, R3E
ADAMS TOWNSHIP
HAMILTON CO.

SECTION 5, T19N, R3E
ADAMS TOWNSHIP
HAMILTON CO.

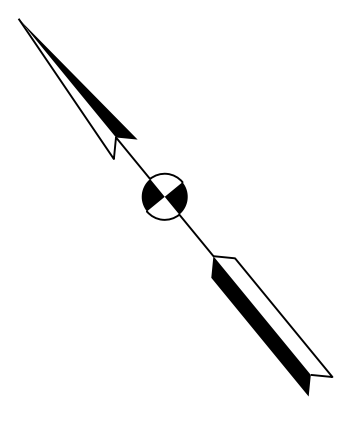
NOTES:
SEE CONST. DETAILS FOR LINE "PR-S-3-E"
FOR STR. NOTES NOT SHOWN ON THIS SHEET.
LINE "PR-E" TO BE CONSTRUCTED.

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

**INDIANA
DEPARTMENT OF TRANSPORTATION**

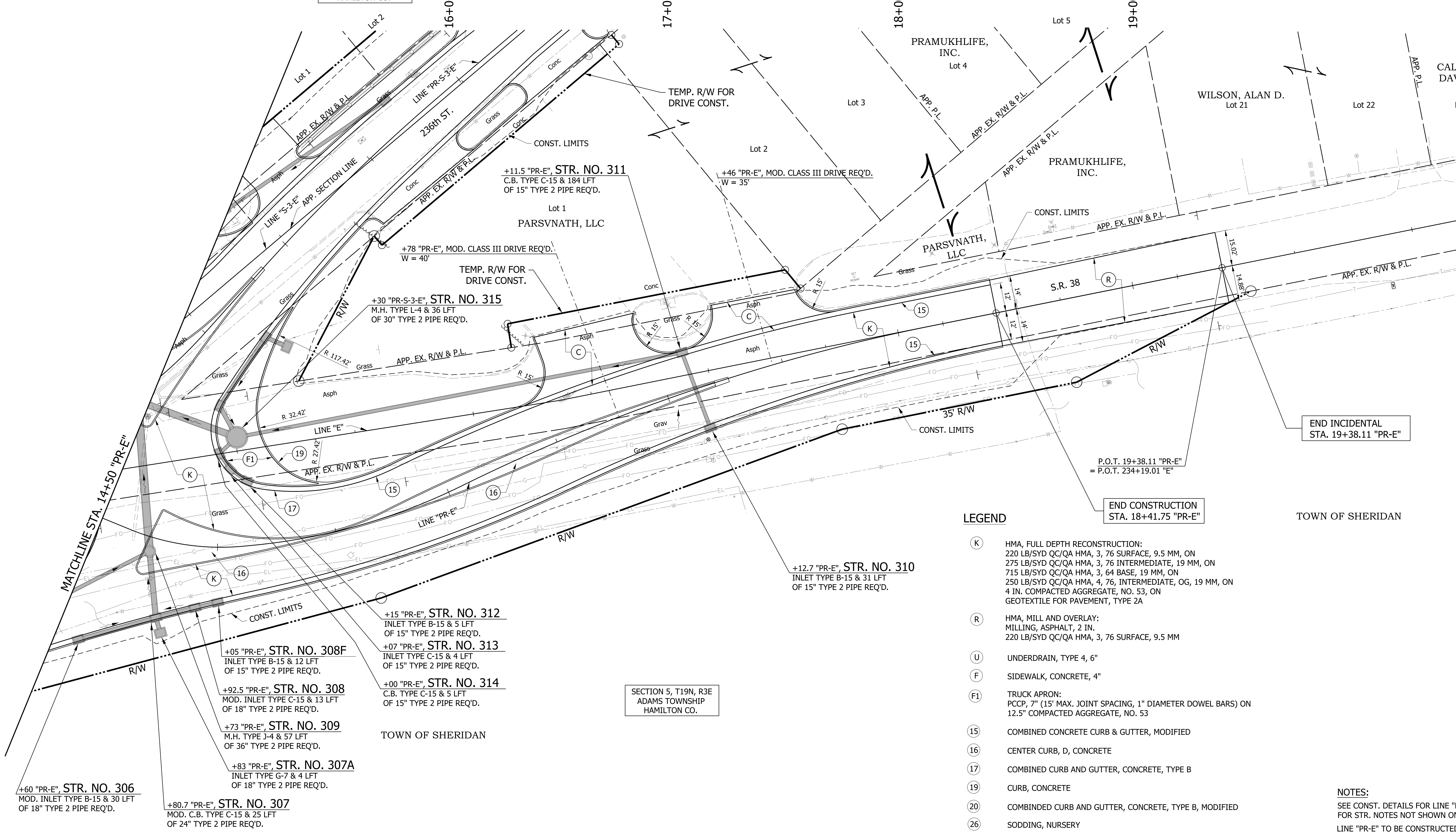
**CONSTRUCTION DETAIL
LINE "PR-E"**

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2000816
SURVEY BOOK	SHEETS
	22 of 46
CONTRACT	PROJECT
R-39288	1601982



SECTION 32, T20N, R3E
ADAMS TOWNSHIP
HAMILTON CO.

SECTION 5, T19N, R3E
ADAMS TOWNSHIP
HAMILTON CO.



LEGEND

- (K) HMA, FULL DEPTH RECONSTRUCTION:
220 LB/SYD QC/QA HMA, 3, 76 SURFACE, 9.5 MM, ON
275 LB/SYD QC/QA HMA, 3, 76 INTERMEDIATE, 19 MM, ON
715 LB/SYD QC/QA HMA, 3, 64 BASE, 19 MM, ON
250 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON
4 IN. COMPACTED AGGREGATE, NO. 53, ON
GEOTEXTILE FOR PAVEMENT, TYPE 2A
- (R) HMA, MILL AND OVERLAY:
MILLING, ASPHALT, 2 IN.
220 LB/SYD QC/QA HMA, 3, 76 SURFACE, 9.5 MM
- (U) UNDERDRAIN, TYPE 4, 6"
- (F) SIDEWALK, CONCRETE, 4"
- (F1) TRUCK APRON:
PCCP, 7" (15" MAX. JOINT SPACING, 1" DIAMETER DOWEL BARS) ON
12.5" COMPACTED AGGREGATE, NO. 53
- (15) COMBINED CONCRETE CURB & GUTTER, MODIFIED
- (16) CENTER CURB, D, CONCRETE
- (17) COMBINED CURB AND GUTTER, CONCRETE, TYPE B
- (19) CURB, CONCRETE
- (20) COMBINED CURB AND GUTTER, CONCRETE, TYPE B, MODIFIED
- (26) SODDING, NURSERY

END INCIDENTAL
STA. 19+38.11 "PR-E"

END CONSTRUCTION
STA. 18+41.75 "PR-E"

P.O.T. 19+38.11 "PR-E"
= P.O.T. 234+19.01 "E"

TOWN OF SHERIDAN

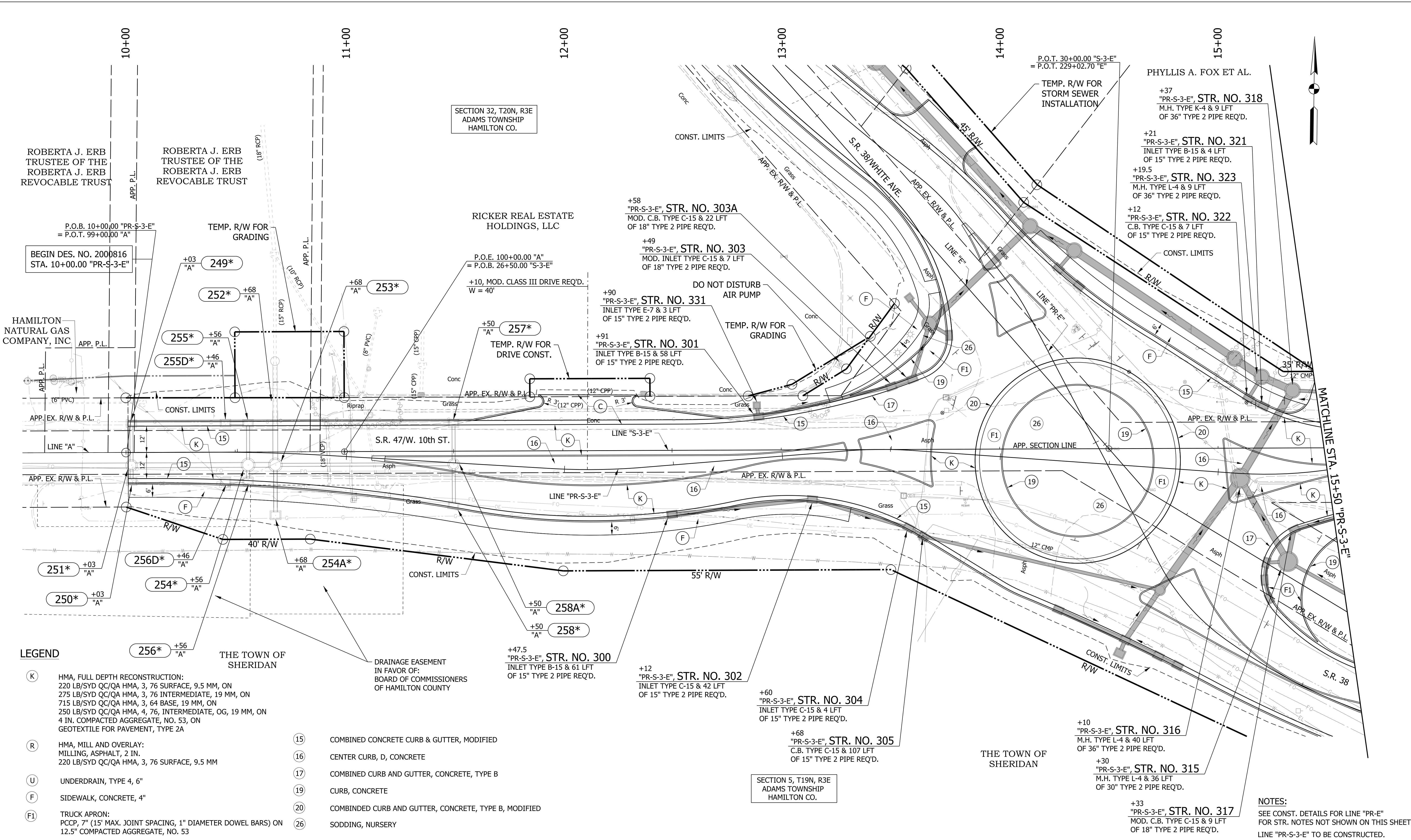
NOTES:
SEE CONST. DETAILS FOR LINE "PR-S-3-E"
FOR STR. NOTES NOT SHOWN ON THIS SHEET.
LINE "PR-E" TO BE CONSTRUCTED.

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

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAIL
LINE "PR-E"**

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2000816
SURVEY BOOK	SHEETS
	23 of 46
CONTRACT	PROJECT
R-39288	1601982



- LEGEND**
- (K) HMA, FULL DEPTH RECONSTRUCTION:
220 LB/SYD QC/QA HMA, 3, 76 SURFACE, 9.5 MM, ON
275 LB/SYD QC/QA HMA, 3, 76 INTERMEDIATE, 19 MM, ON
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4 IN. COMPACTED AGGREGATE, NO. 53, ON
GEOTEXTILE FOR PAVEMENT, TYPE 2A
 - (R) HMA, MILL AND OVERLAY:
MILLING, ASPHALT, 2 IN.
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 - (U) UNDERDRAIN, TYPE 4, 6"
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 - (16) CENTER CURB, D, CONCRETE
 - (17) COMBINED CURB AND GUTTER, CONCRETE, TYPE B
 - (19) CURB, CONCRETE
 - (20) COMBINED CURB AND GUTTER, CONCRETE, TYPE B, MODIFIED
 - (26) SODDING, NURSERY

DRAINAGE EASEMENT
IN FAVOR OF:
BOARD OF COMMISSIONERS
OF HAMILTON COUNTY

+STA. **STR. NO. *** (SEE ROAD PLANS FOR S.R. 47,
DES. NO. 1601982)

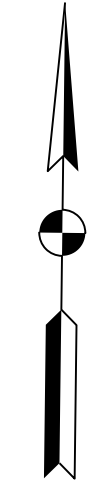
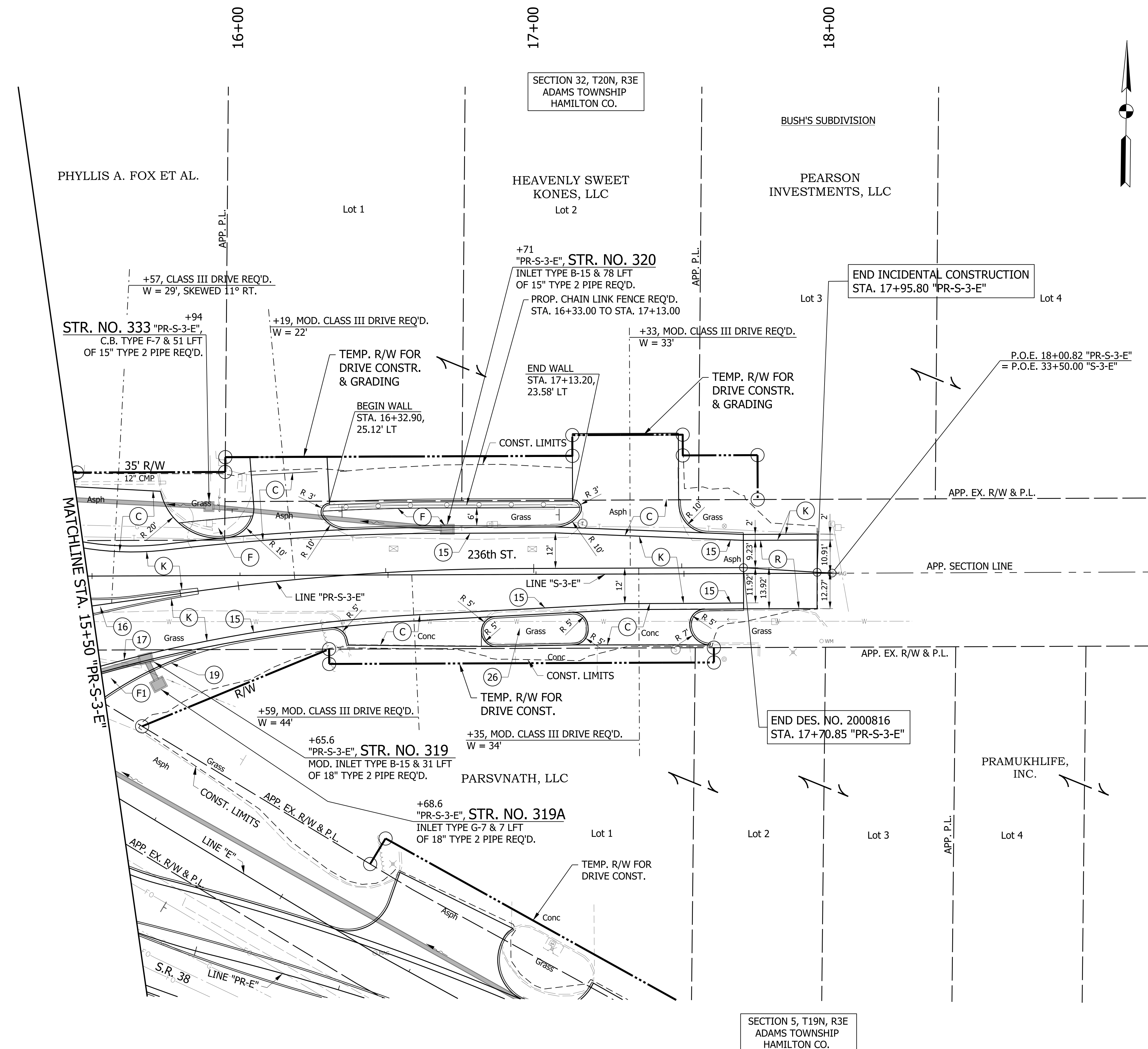
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: WRC	DRAWN: JWM	
CHECKED: LDW	CHECKED: WRC	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAIL
LINE "PR-S-3-E"**

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2000816
SURVEY BOOK	SHEETS
	24 of 46
CONTRACT	PROJECT
R-39288	1601982

NOTES:
SEE CONST. DETAILS FOR LINE "PR-E"
FOR STR. NOTES NOT SHOWN ON THIS SHEET.
LINE "PR-S-3-E" TO BE CONSTRUCTED.



LEGEND

- (K) HMA, FULL DEPTH RECONSTRUCTION:
220 LB/SYD QC/QA HMA, 3, 76 SURFACE, 9.5 MM, ON
275 LB/SYD QC/QA HMA, 3, 76 INTERMEDIATE, 19 MM, ON
715 LB/SYD QC/QA HMA, 3, 64 BASE, 19 MM, ON
250 LB/SYD QC/QA HMA, 4, 76, INTERMEDIATE, OG, 19 MM, ON
4 IN. COMPACTED AGGREGATE, NO. 53, ON
GEOTEXTILE FOR PAVEMENT, TYPE 2A
- (R) HMA, MILL AND OVERLAY:
MILLING, ASPHALT, 2 IN.
220 LB/SYD QC/QA HMA, 3, 76 SURFACE, 9.5 MM
- (U) UNDERDRAIN, TYPE 4, 6"
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SEE CONST. DETAILS FOR LINE "PR-E"
FOR STR. NOTES NOT SHOWN ON THIS SHEET.
LINE "PR-S-3-E" TO BE CONSTRUCTED.

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

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAIL
LINE "PR-S-3-E"**

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 2000816
SURVEY BOOK	SHEETS
CONTRACT R-39288	25 of 46 PROJECT 1601982