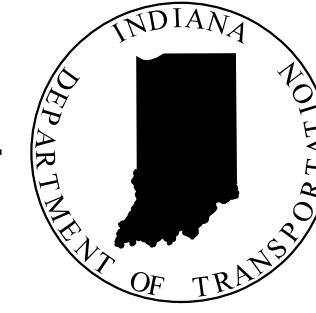


PROJECT	DESIGNATION
1800208	1800208
CONTRACT	
R-41465	

INDIANA DEPARTMENT OF TRANSPORTATION



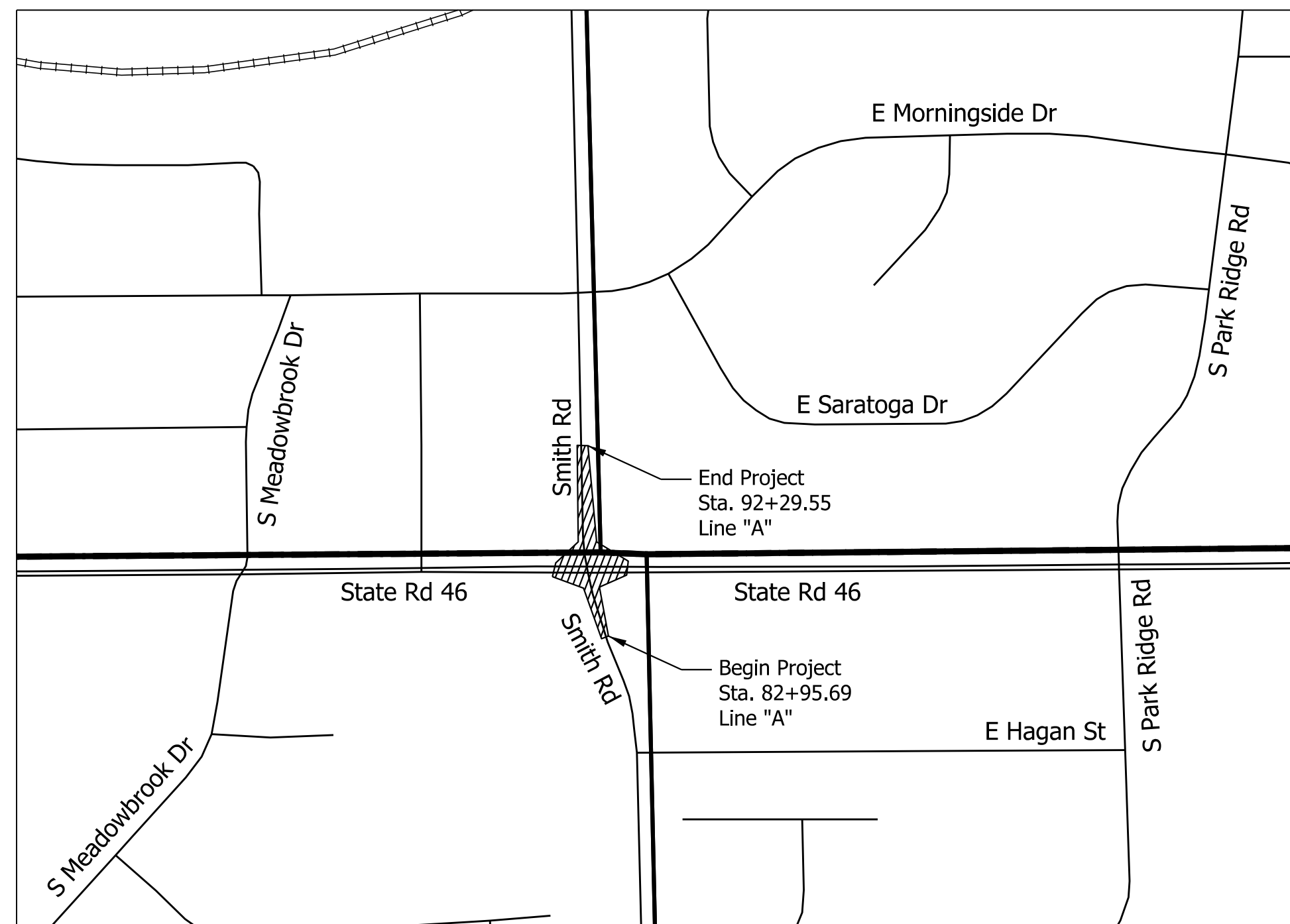
ROAD PLANS

ROUTE: SR 46 AT SMITH ROAD
PROJECT NO.

1800208 P.E.
1800208 R/W
1800208 CONST.

Project Description:

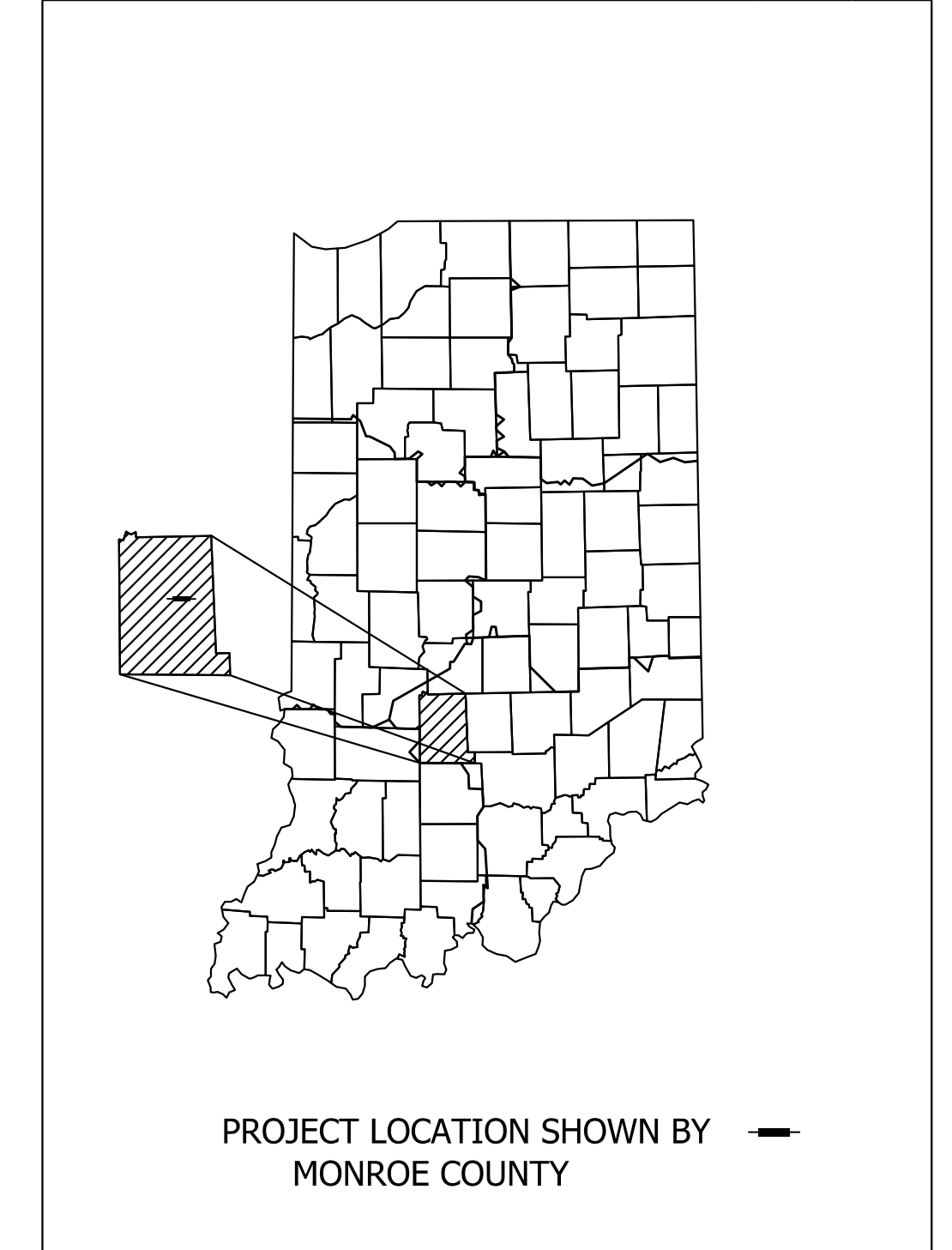
Intersection Improvement project at SR 46 and Smith Road, located in the City of Bloomington, Indiana Section 35, T-9-N, R-1-W and Section 36, T-9-N, R-1-W, Bloomington Township, Monroe County, Indiana Section 2, T-8-N, R-1-W and Section 1, T-8-N, R-1-W, Perry Township, Monroe County, Indiana



Location Map
Monroe County
Scale: 1" = 4,000'

Note to Reviewer:
FFC Not for Construction

TRAFFIC DATA	Smith Rd	SR 46
A.A.D.T. (2018)	6,380 V.P.D.	14,785 V.P.D.
A.A.D.T. (2043)	7,576 V.P.D.	17,567 V.P.D.
D.H.V. (2043)	687 V.P.H.	1,191 V.P.H.
DIRECTIONAL DISTRIBUTION	50 %	50 %
TRUCKS	5.26 % A.A.D.T. 3.72 % D.H.V.	5.01% A.A.D.T. 4.34% D.H.V.
DESIGN DATA	Smith Rd	SR 46
DESIGN SPEED	30 M.P.H.	40 M.P.H.
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	MAJOR COLLECTOR (URBAN)	PRINCIPAL ARTERIAL (URBAN)
RURAL/URBAN	URBAN (INTERMEDIATE)	URBAN (INTERMEDIATE)
TERRAIN	LEVEL	LEVEL
ACCESS CONTROL	NONE	NONE



LATITUDE: 39°09'51" LONGITUDE: 86°28'52"

GROSS LENGTH:	0.18 MI.
NET LENGTH:	0.18 MI.
MAX. GRADE:	5.0 %

FINAL FIELD CHECK
OCTOBER, 2021

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

CMT
Engineers and Consultants
8790 PURDUE ROAD
INDIANAPOLIS, IN 46268-6128
PHONE: (317) 298-4500

Copyright CMT, Inc.

NOT FOR CONSTRUCTION

PLANS PREPARED BY: CRAWFORD, MURPHY & TILLY INC. (317) 298-4500 PHONE NUMBER

CERTIFIED BY: _____ 6/7/2022 DATE

APPROVED FOR LETTING: _____ INDIANA DEPARTMENT OF TRANSPORTATION DATE

BRIDGE FILE	N/A
DESIGNATION	1800208
SURVEY BOOK	SHEETS
Electronic	1 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot/LOT_DATE/REV/TIME/\$AM_PMS

UTILITIES

Duke Energy- Electric
Cindy Rowland
390 N. Main Street
Martinsville, IN 46151
(317) 776-5341
cindy.rowland@duke-energy.com

Zayo Bandwidth
Waylon Higgins
8209 Castlegate Drive
Indianapolis, IN 46256
(765) 341-1199
waylon.higgins@zayo.com

AT&T Distribution
Mattew Spindler
240 N. Meridian Street
Indianapolis, IN 46204
(317) 265-3050
ms4822@att.com

Smithville Communications
Kimberly Pitcher
1600 W. Temperance Street
Ellettsville, IN 47429
(812) 935-2315
kimberly.pitcher@smithville.com

Bloomington Utilities
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(812) 349-3634
pedenp@bloomington.in.gov

Bloomington Utilities
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fleigi@bloomington.in.gov

Vectren Energy- Gas
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Muncie, IN 47302
(765) 287-2119
publicproject@vectren.com

Duke Energy- Electric
Dewayne Wright
390 N. Main Street
Martinsville, IN 46151
(317) 838-2044
DEI-Tline-Coord@duke-energy.com

Comcast Cable
Rhonda Dalton
688 Industrial Drive
Elmhurst, IL 60126
(224) 229-5863
rhonda.dalton@comcast.com

GENERAL NOTES

1. All earth shoulders, median areas, and cut and fill slopes shall be sodded.
2. The contractor shall ensure that safe access is maintained to all residences and businesses during all phases of construction.
3. All removal items not paid for directly will be included in the lump sum cost of clearing right of way, per Standard Specifications 201 and 202.
4. Existing curb types may vary at streets. Contractor shall inspect curb prior to beginning work to assure proper fit and transition.
5. Contractor to ensure that positive drainage is maintained at all intersections and along curb and gutter flowlines after the completion of curb ramp construction.

INDEX

SHEET NO.	DRAWINGS INDEX
1	Title Sheet
2	Index Sheet
5-7	Typical Cross Section
8-10	Location Control Route Survey
11	Plat No. 1
13-14	Maintenance of Traffic Detour Route
15-22	Maintenance of Traffic Concept Plan
33-36	Plan And Profile
37	Superelevation Detail
38-41	Construction Detail
42-43	Intersection Detail
44-50	Curb Ramp Detail
51	Traffic Signal Detail
52-54	Pavement Marking Detail
55-58	Utility Details
59	TEMPORARY EROSION CONTROL PLAN
60	TEMPORARY EROSION CONTROL TABLE
61	APPROACH TABLE AND SODDING TABLES
62	PAVEMENT MARKINGS AND SIGN SHEET SUMMARY TABLES
63-64	Structure Data Table
65-96	Cross Sections

REVISIONS

1.
2.
3.
4.
5.

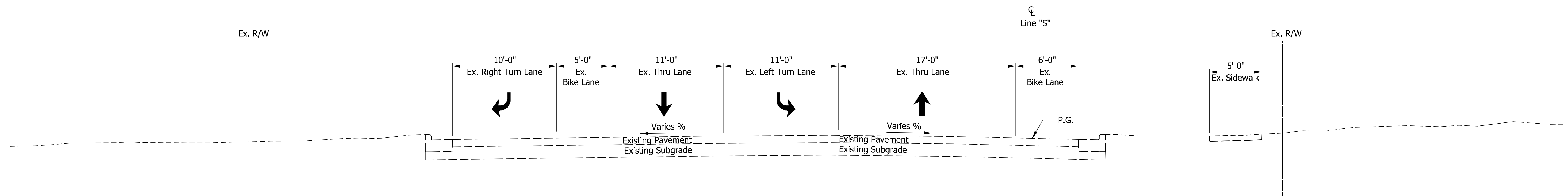
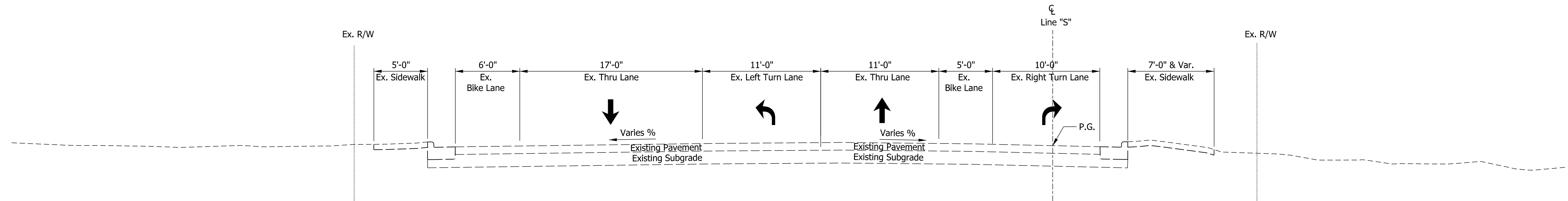
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DESIGNED: \$DESBY\$ 6/7/2022	DRAWN: \$DWNBY\$ 6/7/2022	
CHECKED: \$DESCHKBY\$ 6/7/2022	CHECKED: \$DWNCHKBY\$ 6/7/2022	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

INDEX & GENERAL NOTES

SCALE	BRIDGE FILE
	DESIGNATION 1800208
SURVEY BOOK	SHEETS 2 of 96
CONTRACT R-41465	PROJECT 1800208



Plot: SR 46 TYPICAL SECTIONS - 6/7/2022 10:51 AM

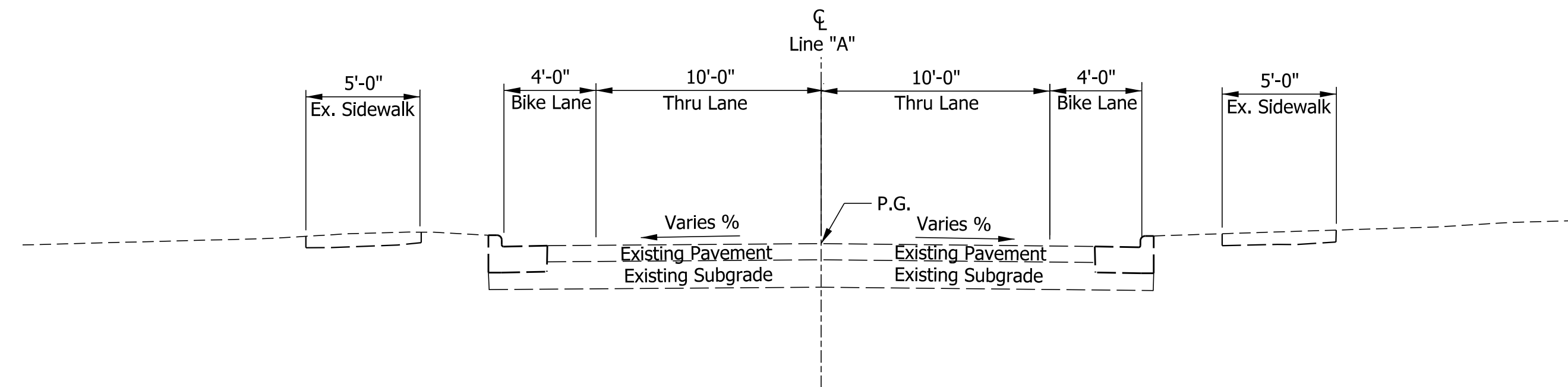
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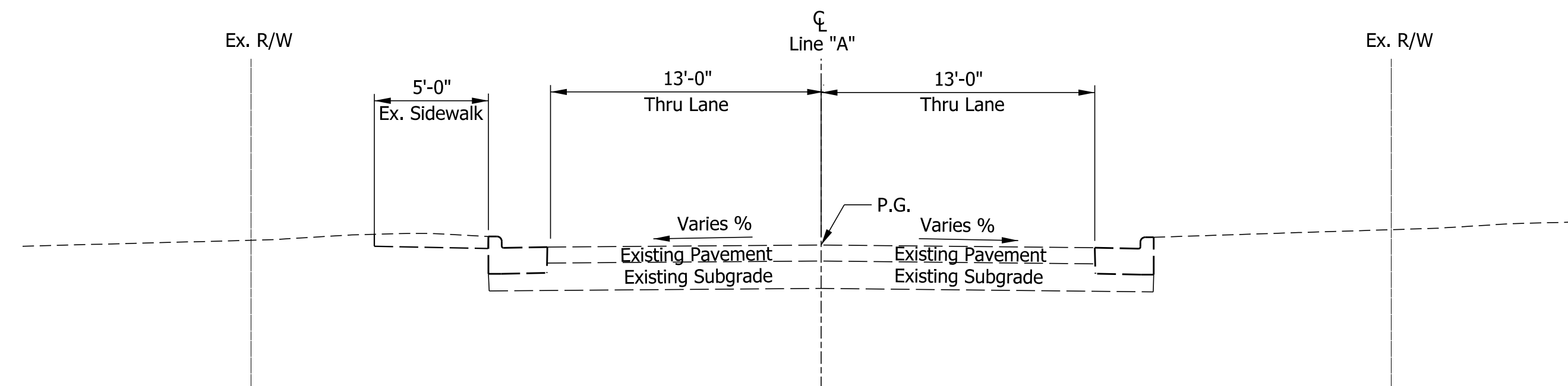
INDIANA DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS
LINE "S"

SCALE	BRIDGE FILE
5.0000' / in.	N/A
	DESIGNATION
	1800208
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SMITH RD TYPICAL SECTION
North Leg



SMITH RD TYPICAL SECTION
South Leg

Plot: PLOT_DRAWING_TITLES_\$A_M_PMS

NOT FOR CONSTRUCTION

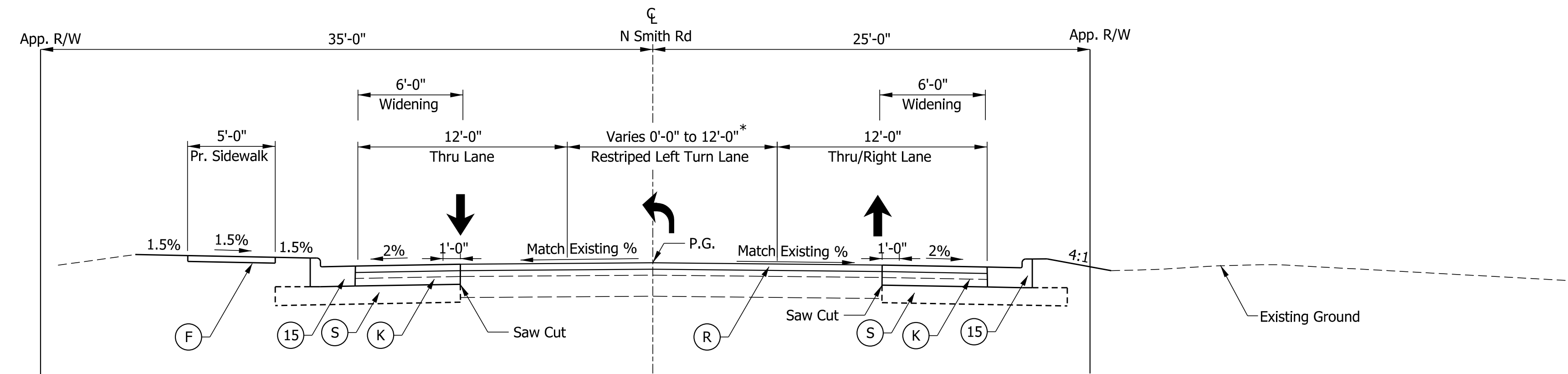
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CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS
LINE "A"

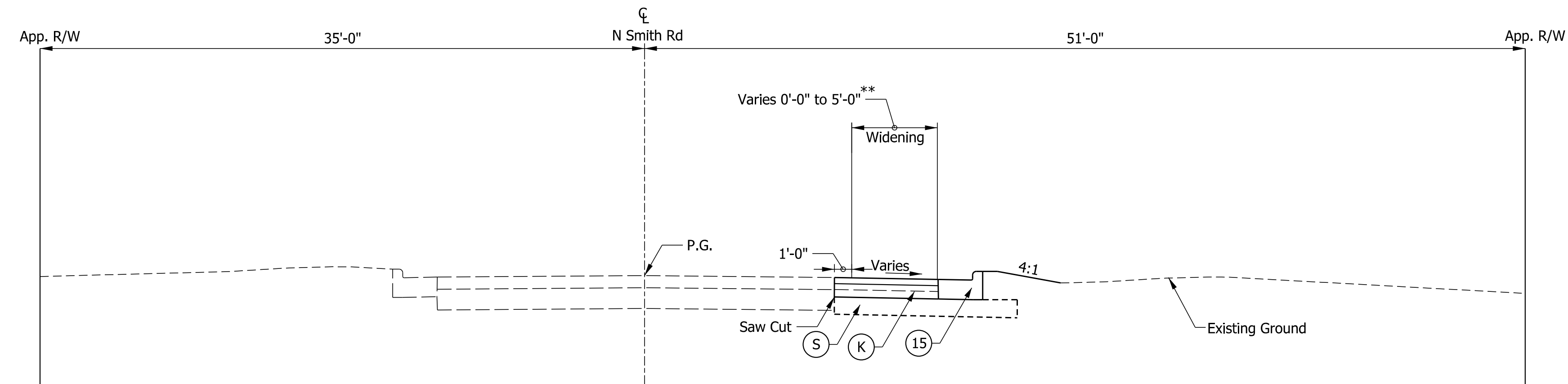
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	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	4 of 96
CONTRACT	PROJECT
R-41465	1800208

Note to Reviewer
 Pavement Design to be determined by INDOT after Stage 2 Submittal.



SMITH RD TYPICAL SECTION
 Line "A" Sta. 83+70.00 to 86+00.00

*Restriped Left Turn Lane Varies 0'-0" to 12'-0" from Sta. 83+70.00 to Sta. 86+00.00



SMITH RD TYPICAL SECTION
 Line "A" Sta. 82+95.60 to 83+70.00

**Widening Varies 0'-0" to 5'-0" from Sta. 82+95.60 to Sta. 83+70.00
 Begin RT lane shift taper

***Pavement cross slope to match existing SE slope through limits of SE

LEGEND

- (K) FULL DEPTH HMA COMPOSED OF:
 165 lb/syd QC/QA - HMA, 3, 70, SURFACE, 12.5 mm
 440 lb/syd QC/QA - HMA, 3, 70, INTERMEDIATE, 12.5 mm
 440 lb/syd QC/QA - HMA, 3, 70, BASE, 25.0 mm
- (R) MILL AND OVERLAY, 1.5" COMPOSED OF:
 165 lb/syd QC/QA - HMA, 3, 70, SURFACE, 12.5 mm
- (S) SUBGRADE TREATMENT, TYPE IC
- (O) COMPACTED AGGREGATE, NO. 53
- (15) CURB AND GUTTER, CONCRETE, MODIFIED
- (F) SIDEWALK, CONCRETE
- (26) SODDING

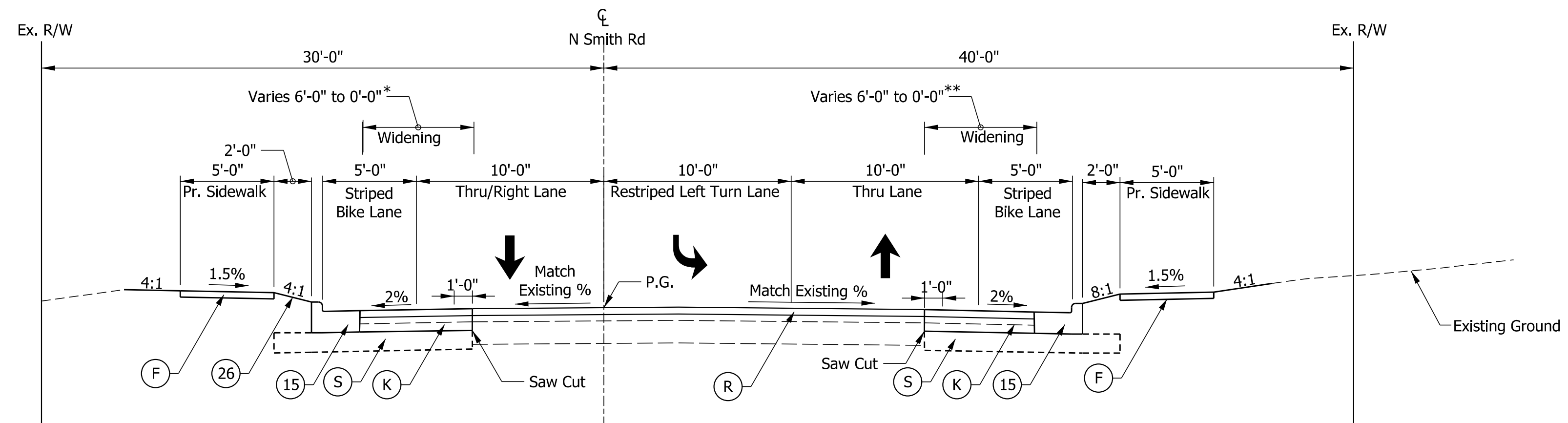
NOT FOR CONSTRUCTION

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CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS LINE "A"

SCALE	BRIDGE FILE
1/2"=1'	N/A
	DESIGNATION
	1800208
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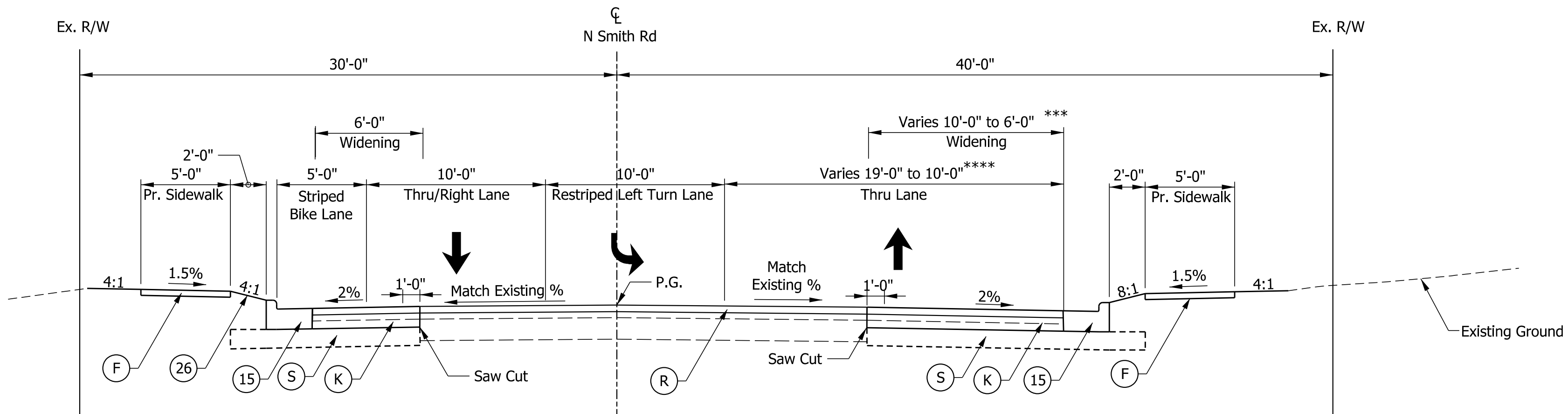
Note to Reviewer
 Pavement Design to be determined by INDOT after Stage 2 Submittal.



*Widening Varies 5'-0" to 0'-0" from Sta. 91+54.70 to Sta. 92+30.00

SMITH RD TYPICAL SECTION
 Line "A" Sta. 88+79.00 to 92+30.00

**Widening Varies 5'-0" to 0'-0" from Sta. 90+56.80 to Sta. 91+34.80



SMITH RD TYPICAL SECTION
 Line "A" Sta. 87+65.00 to 88+79.00

***Widening Varies 5'-0" to 0'-0" from Sta. 87+65.00 to Sta. 88+79.00
 ****Thru Lane Varies 5'-0" to 0'-0" from Sta. 87+65.00 to Sta. 88+79.00

LEGEND

- (K) FULL DEPTH HMA COMPOSED OF:
 165 lb/syd QC/QA - HMA, 3, 70, SURFACE, 12.5 mm
 440 lb/syd QC/QA - HMA, 3, 70, INTERMEDIATE, 12.5 mm
 440 lb/syd QC/QA - HMA, 3, 70, BASE, 25.0 mm
- (R) MILL AND OVERLAY, 1.5" COMPOSED OF:
 165 lb/syd QC/QA - HMA, 3, 70, SURFACE, 12.5 mm
- (S) SUBGRADE TREATMENT, TYPE IC
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- (15) CURB AND GUTTER, CONCRETE, MODIFIED
- (F) SIDEWALK, CONCRETE
- (26) SODDING

NOT FOR CONSTRUCTION

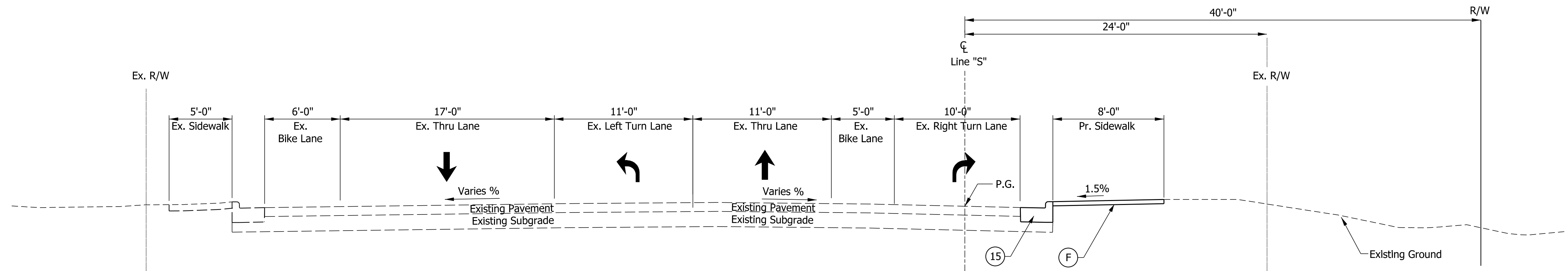
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INDIANA DEPARTMENT OF TRANSPORTATION

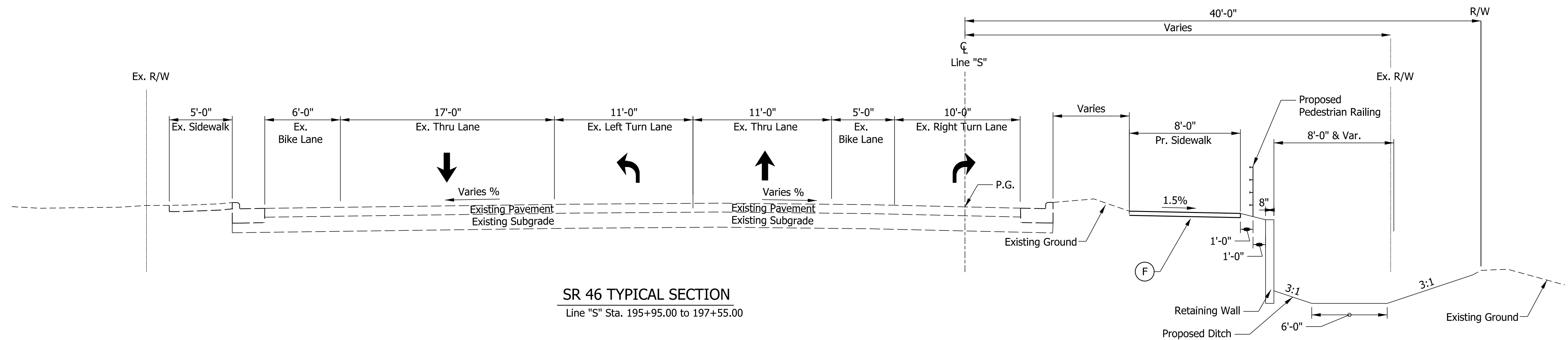
TYPICAL SECTIONS LINE "A"

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	DESIGNATION
	1800208
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P:\PLOT_DRAWING_TEMPLATES\SMITH.PDS



SR 46 TYPICAL SECTION
Line "S" Sta. 197+55.00 to 199+38.00



SR 46 TYPICAL SECTION
Line "S" Sta. 195+95.00 to 197+55.00

LEGEND

- (K) FULL DEPTH HMA COMPOSED OF:
165 lb/syd QC/QA - HMA, 3, 70, SURFACE, 12.5 mm
440 lb/syd QC/QA - HMA, 3, 70, INTERMEDIATE, 12.5 mm
440 lb/syd QC/QA - HMA, 3, 70, BASE, 25.0 mm
- (R) MILL AND OVERLAY, 1.5" COMPOSED OF:
165 lb/syd QC/QA - HMA, 3, 70, SURFACE, 12.5 mm
- (S) SUBGRADE TREATMENT, TYPE IC
- (O) COMPACTED AGGREGATE, NO. 53
- (15) CURB AND GUTTER, CONCRETE, MODIFIED
- (F) SIDEWALK, CONCRETE
- (26) SODDING

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
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CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS LINE "S"

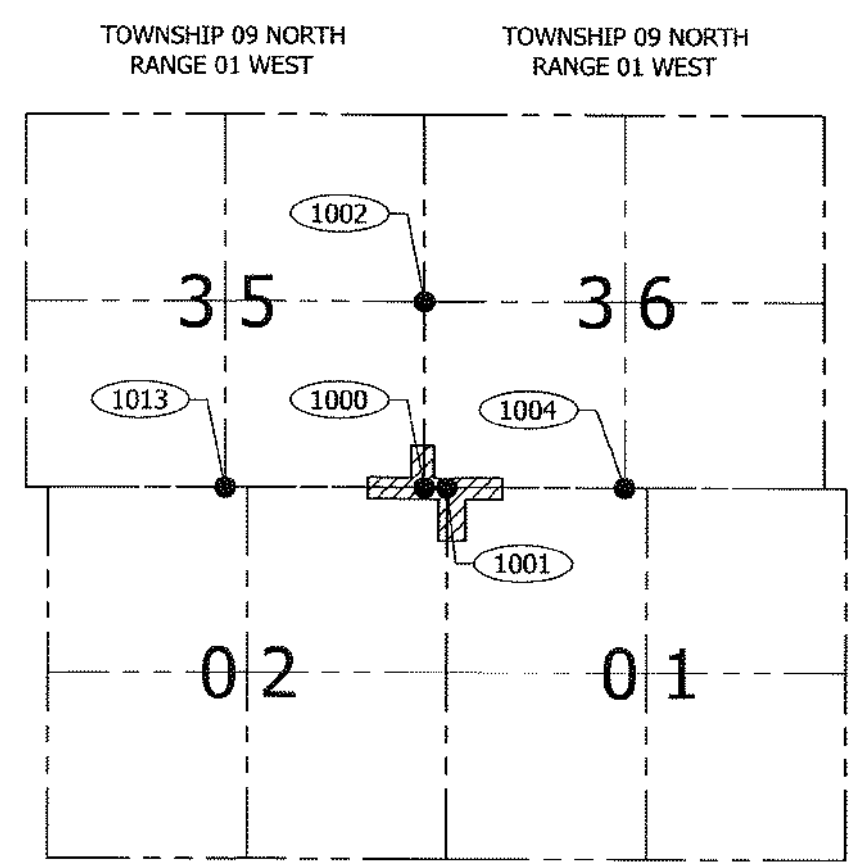
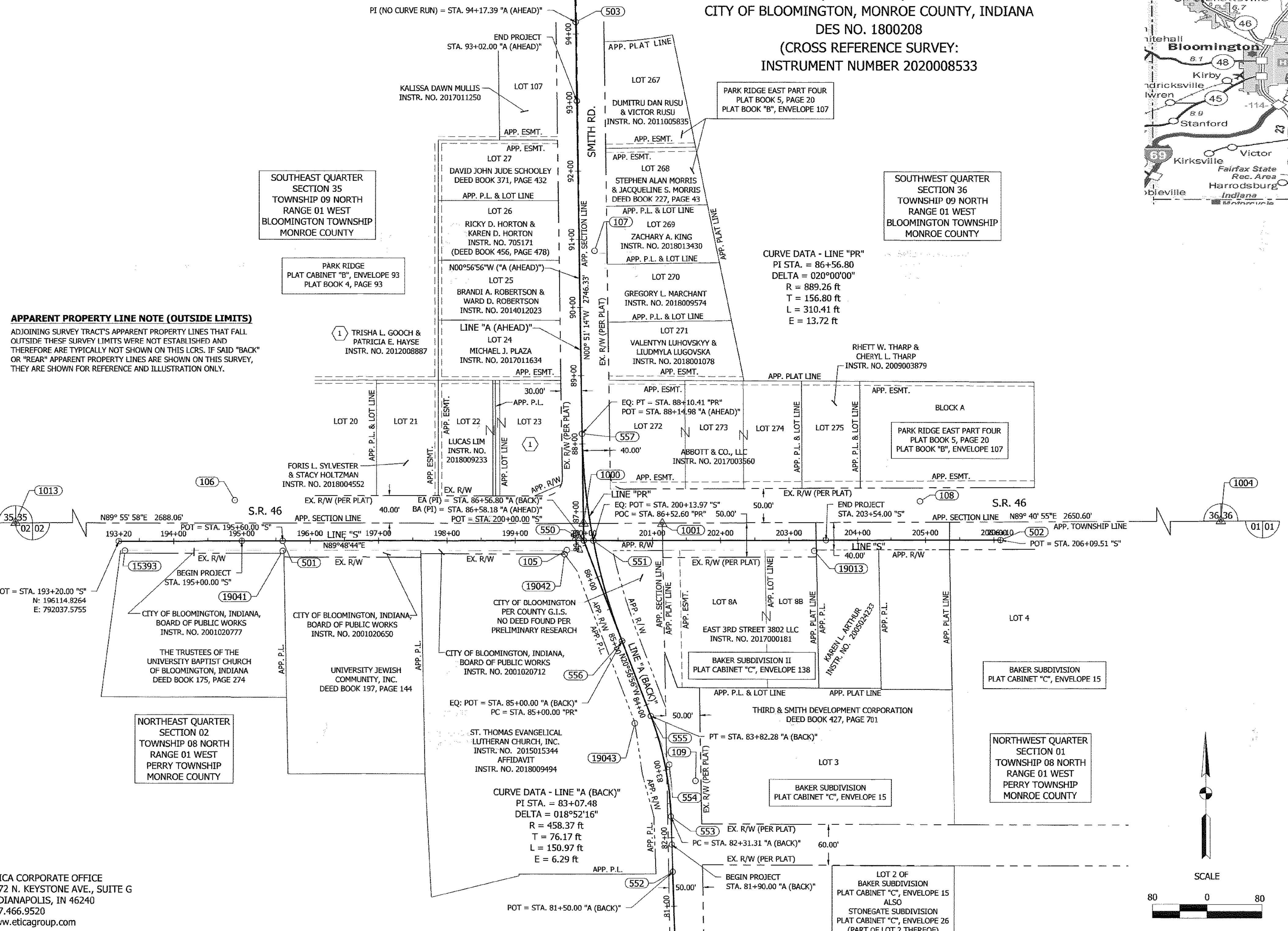
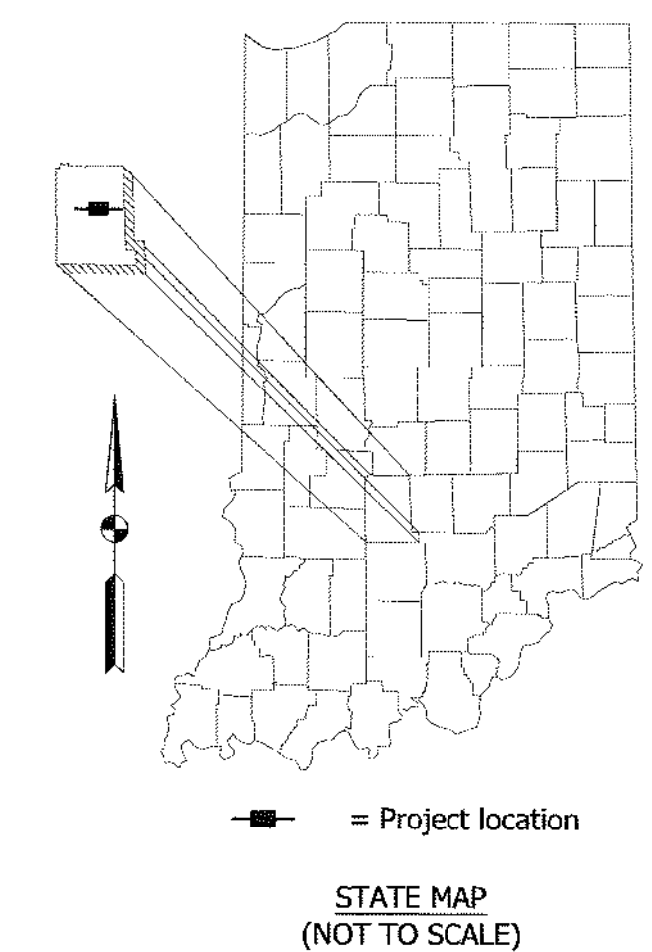
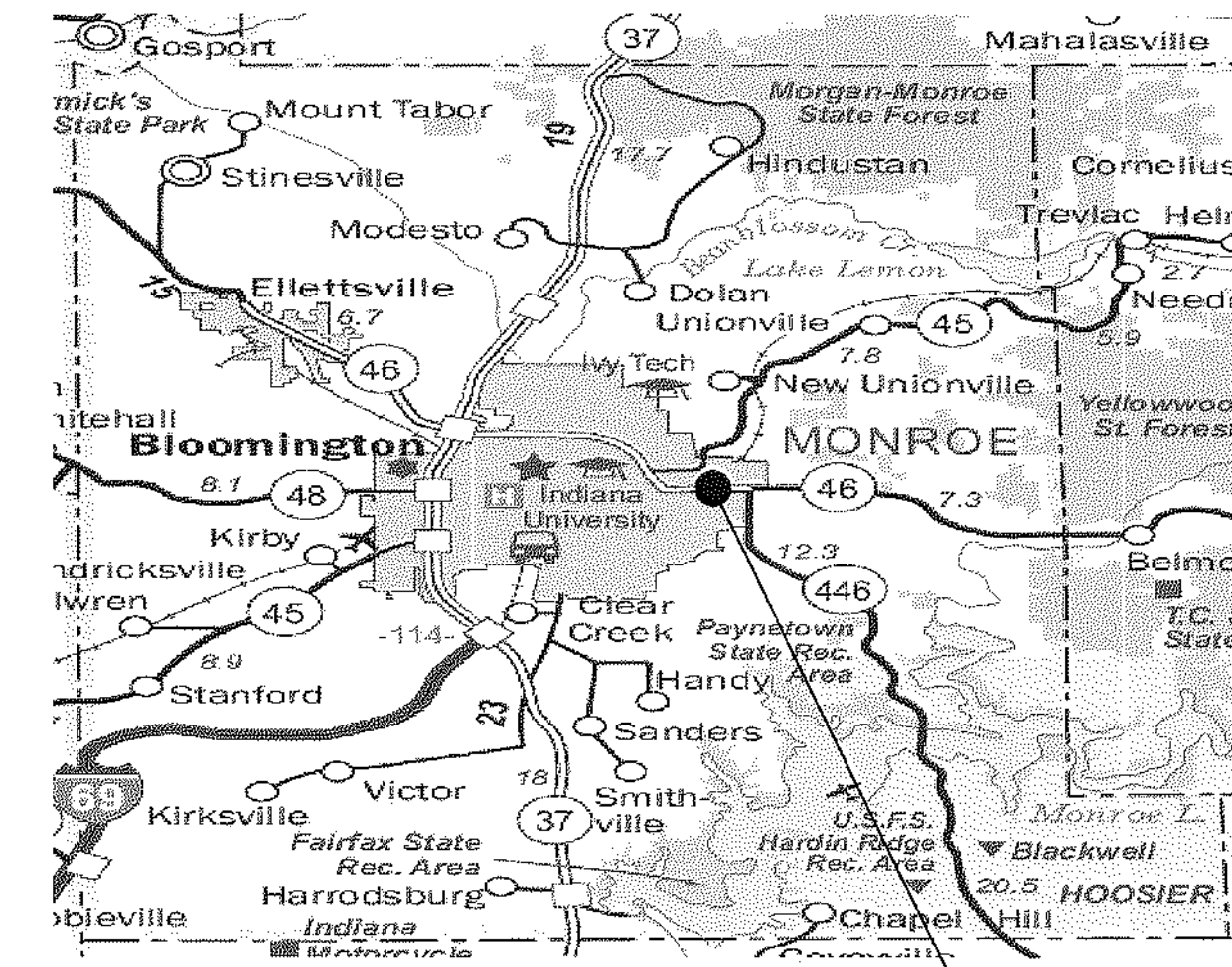
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	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	\$TYP_05\$ of 96
CONTRACT	PROJECT
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SURVEY REVISION NOTE:

THE SURVEY WAS REVISED TO EXTEND THE ORIGINAL SURVEY LIMITS WESTERLY FOR THE SOUTH SIDE OF STATE ROAD 46.

**REVISED LOCATION CONTROL
 ROUTE SURVEY**

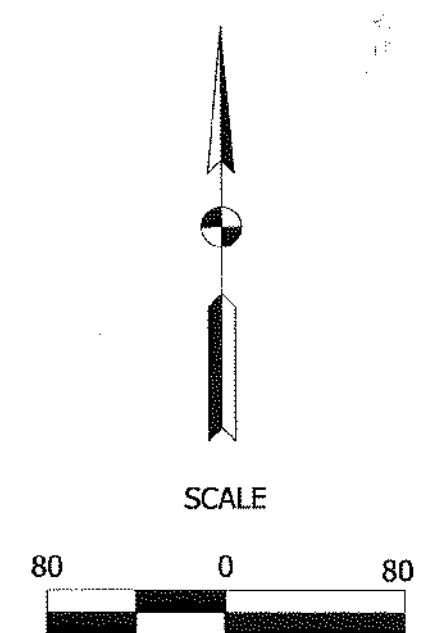
FOR INDIANA DEPARTMENT OF TRANSPORTATION (INDOT)
 IN ASSOCIATION WITH CMT
 STATE ROAD 46 (3RD STREET) AND SMITH ROAD
 CITY OF BLOOMINGTON, MONROE COUNTY, INDIANA
 DES NO. 1800208
 (CROSS REFERENCE SURVEY:
 INSTRUMENT NUMBER 2020008533



U.S.P.L.S.S. SECTION MAP
 (MAP NOT TO SCALE)

LEGEND

—	ALIGNMENT
- - -	APPARENT SECTION LINE
- · - · -	EXISTING R/W
- · - · -	APPARENT R/W
- · - · -	APPARENT PROPERTY LINE
- · - · -	APPARENT LOT LINE
- · - · -	APPARENT PLAT / SUBDIVISION LINE
- · - · -	APPARENT EASEMENT AND/OR LEGAL DRAIN
- · - · -	SURVEY LINE / APP. DEED LINE
- · - · -	TOPOGRAPHIC FEATURES
- · - · -	L.C.R.S. LIMITS
#	POINT / MONUMENT NUMBER CALL-OUT
○	SURVEY CONTROL AND RECOVERED MONUMENTS
△	APP. U.S.P.L.S.S. SECTION CORNER LOCATION
□ R/W	RECOVERED R/W MONUMENTS
APP.	APPARENT
EX.	EXISTING
R/W	RIGHT-OF-WAY
APP. R/W	APPARENT RIGHT-OF-WAY
APP. PL.	APPARENT PROPERTY LINE
APP. LOT LINE	APPARENT LOT LINE
APP. PLAT LINE	APPARENT PLAT / SUBDIVISION LINE
APP. PL. & LOT LINE	APPARENT PROPERTY LINE AND LOT LINE
APP. ESMT.	APPARENT EASEMENT
EX. R/W	EXISTING RIGHT-OF-WAY



APPARENT PROPERTY LINE NOTE (OUTSIDE LIMITS)
 ADJOINING SURVEY TRACT'S APPARENT PROPERTY LINES THAT FALL OUTSIDE THESE SURVEY LIMITS WERE NOT ESTABLISHED AND THEREFORE ARE TYPICALLY NOT SHOWN ON THIS L.C.R.S. IF SAID "BACK" OR "REAR" APPARENT PROPERTY LINES ARE SHOWN ON THIS SURVEY, THEY ARE SHOWN FOR REFERENCE AND ILLUSTRATION ONLY.

SOUTHEAST QUARTER SECTION 35
 TOWNSHIP 09 NORTH
 RANGE 01 WEST
 BLOOMINGTON TOWNSHIP
 MONROE COUNTY

PARK RIDGE
 PLAT CABINET "B", ENVELOPE 93
 PLAT BOOK 4, PAGE 93

SOUTHWEST QUARTER SECTION 36
 TOWNSHIP 09 NORTH
 RANGE 01 WEST
 BLOOMINGTON TOWNSHIP
 MONROE COUNTY

NORTHEAST QUARTER SECTION 02
 TOWNSHIP 08 NORTH
 RANGE 01 WEST
 PERRY TOWNSHIP
 MONROE COUNTY

NORTHWEST QUARTER SECTION 01
 TOWNSHIP 08 NORTH
 RANGE 01 WEST
 PERRY TOWNSHIP
 MONROE COUNTY

ETICA CORPORATE OFFICE
 7172 N. KEYSTONE AVE., SUITE G
 INDIANAPOLIS, IN 46240
 317.466.9520
 www.eticagroup.com

SURVEY STARTED	02-28-2019
SURVEY COMPLETED	05-13-2019
ROUTE PLAT SHEETS	1 OF 3

PREPARED BY:

IN ASSOCIATION WITH:

FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF TITLE 865 I.A.C. 1-12-20 THROUGH 1-12-25 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.

PREPARED BY:

Nickolas M. Schmitt
 NICKOLAS M. SCHMITT, P.S. 12/15/2020

DRAWN: CLC CHECKED: NMS

INDIANA DEPARTMENT OF TRANSPORTATION
 LOCATION CONTROL ROUTE SURVEY

STATE ROAD 46
 (LINE "A", LINE "S" & LINE "PR")

SCALE	SEE ABOVE	BRIDGE FILE	8	96
COUNTY	MORGAN	DESIGNATION	1800208	
SURVEY BOOK		SHEETS	1	of 3
CONTRACT		PROJECT NUMBER		Etica No. 180097.07

REVISED LOCATION CONTROL ROUTE SURVEY

FOR INDIANA DEPARTMENT OF TRANSPORTATION (INDOT)
IN ASSOCIATION WITH CMT
STATE ROAD 46 (3RD STREET) AND SMITH ROAD
CITY OF BLOOMINGTON, MONROE COUNTY, INDIANA
DES NO. 1800208
(CROSS REFERENCE SURVEY:
INSTRUMENT NUMBER 2020008533

ETICA GROUP MONUMENT NOTES:

ETICA CONTROL CAPS = BLUE CAPS WITH STAMPING:
"ETICA GROUP CONTROL FIRM #0121"

ETICA CONTROL WASHERS = WASHERS WITH STAMPING:
"ETICA GROUP CONTROL FIRM #0121"

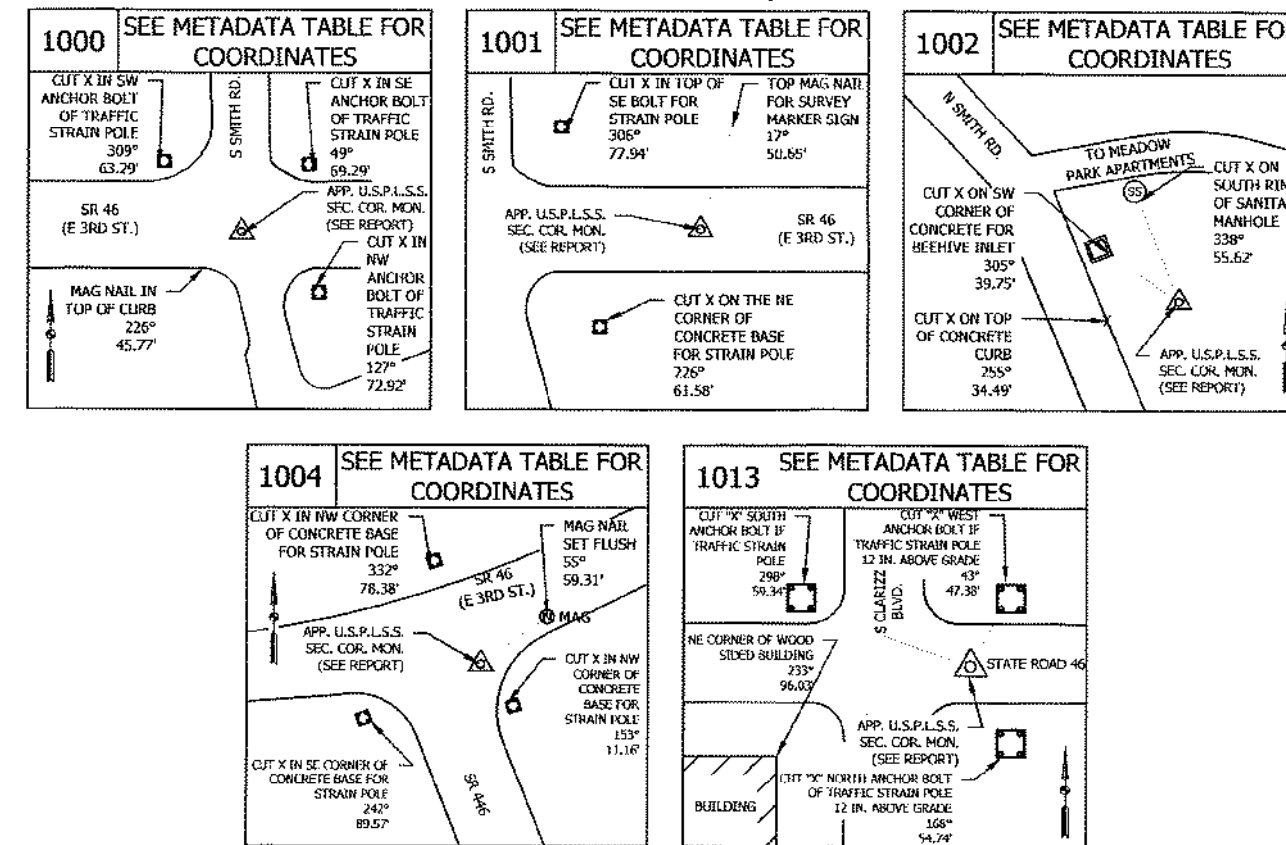
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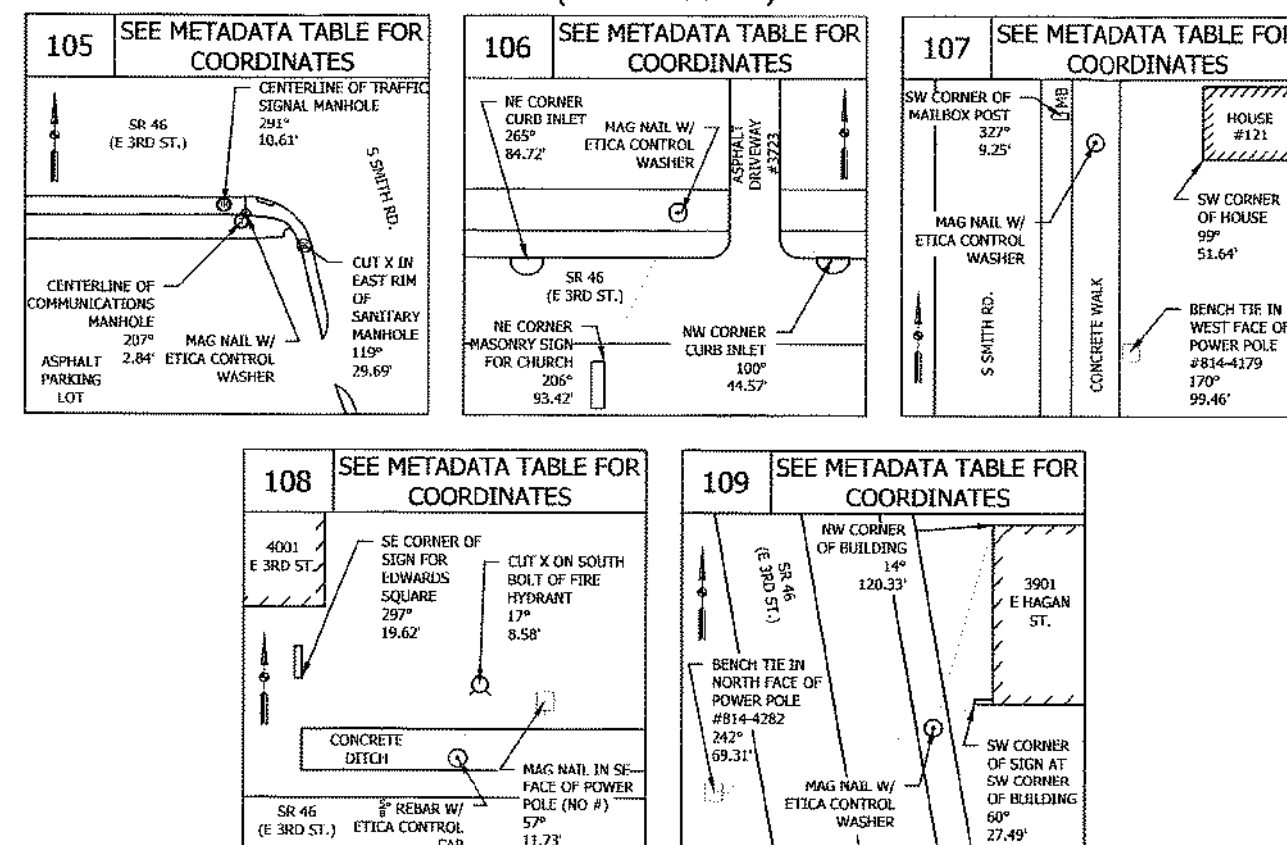
SURVEY POINT ALIGNMENT INFORMATION			
POINT NO.	STATION	OFFSET	ALIGNMENT
105	199+75.21	R 13.98'	LINE "S"
	86+46.50	L 40.73'	LINE "PR"
	86+52.52	L 28.14'	LINE "A (BACK)"
106	194+89.85	L 59.23'	LINE "S"
107	90+82.88	R 22.44'	LINE "A (AHEAD)"
108	204+92.20	L 56.36'	LINE "S"
109	82+78.44	R 40.41'	LINE "A (BACK)"
501	195+60.00	0.00'	P.O.T. LINE "S"
502	206+09.51	0.00' (PER PLAN) R 0.15' (MEAS)	P.O.T. LINE "S"
503	94+17.39 (PER PLAN) 94+17.35 (MEAS)	0.00'	P.I. (NO CURVE) LINE "A (AHEAD)"
550	200+00.00	0.00'	P.O.T. LINE "S"
	86+56.80	0.00'	E.A. (P.I.) LINE "A (BACK)"
	86+58.18	0.00'	B.A. (P.I.) LINE "A (AHEAD)"
551	200+13.97	0.00'	P.O.T. LINE "S"
552	86+52.60	0.00'	P.O.C. LINE "PR"
	81+50.00	0.00'	P.O.T. LINE "A (BACK)"
553	82+31.31	0.00'	P.C. LINE "A (BACK)"
554	83+07.48	—	P.I. LINE "A (BACK)"
555	83+82.28	0.00'	P.T. LINE "A (BACK)"
556	85+00.00	0.00'	P.C. LINE "PR"
	85+00.00	0.00'	P.O.T. LINE "A (BACK)"
	88+10.41	0.00'	P.T. LINE "PR"
557	88+14.98	0.00'	P.O.T. LINE "A (AHEAD)"
	199+99.67	L 24.98'	LINE "S"
	86+79.54	L 9.72'	LINE "PR"
1000	86+83.16	0.00'	P.O.T. LINE "A (AHEAD)"
	201+14.62	L 24.43'	LINE "S"
1001	86+58.14	R 103.44'	LINE "PR"

SURVEY POINT METADATA TABLE (SEE SURVEYOR'S REPORT FOR COORDINATE SYSTEM INFORMATION)						
POINT NO.	NORTHING	EASTING	LATITUDE	LONGITUDE	POINT DESCRIPTION	MONUMENT DESCRIPTION
105	196102.9974	792692.8249	N039°09'50.8519"	W086°28'52.8030"	ETICA SURVEY CONTROL POINT	MAG NAIL WITH ETICA CONTROL WASHER SET FLUSH
106	196174.6085	792207.2281	N039°09'51.5606"	W086°28'58.9679"	ETICA SURVEY CONTROL POINT	MAG NAIL WITH ETICA CONTROL WASHER SET FLUSH
107	196542.0701	792732.9783	N039°09'55.1914"	W086°28'52.2921"	ETICA SURVEY CONTROL POINT	MAG NAIL WITH ETICA CONTROL WASHER SET FLUSH
108	196175.0295	793209.5841	N039°09'51.5627"	W086°28'46.2421"	ETICA SURVEY CONTROL POINT	5/8 IN. DIA. REBAR WITH ETICA CONTROL CAP SET FLUSH
109	195765.9436	792881.6195	N039°09'47.5202"	W086°28'50.4070"	ETICA SURVEY CONTROL POINT	MAG NAIL WITH ETICA CONTROL WASHER SET FLUSH
501	196115.6135	792277.5742	N039°09'50.9774"	W086°28'58.0750"	ALIGNMENT MON. RECOVERED - P.O.T. LINE "S"	3/4 IN. DIA. REBAR WITH PCS CAP FLUSH
502	196118.9015	793327.0846	N039°09'51.0077"	W086°28'44.7505"	ALIGNMENT MON. RECOVERED - P.O.T. LINE "S"	MAG NAIL WITH PCS CONTROL WASHER FLUSH
503	196876.1216	792704.9938	N039°09'58.4930"	W086°28'52.6465"	ALIGNMENT MON. RECOVERED - P.I. (NO CURVE) LINE "A (AHEAD)"	MAG NAIL WITH PCS CONTROL WASHER FLUSH
550	196117.0565	792717.5718	N039°09'50.9908"	W086°28'52.4888"	ALIGNMENT POINT - P.I. LINE "PR", E.A. LINE "A (BACK)" & B.A. LINE "A (AHEAD)"	CALCULATED POINT - NO MONUMENT SET DUE TO SAFETY
551	196117.1023	792731.5395	N039°09'50.9912"	W086°28'52.3115"	ALIGNMENT POINT - P.O.C. LINE "PR" & P.O.T. LINE "S"	CALCULATED POINT - NO MONUMENT SET DUE TO SAFETY
552	195632.1612	792848.6685	N039°09'46.1981"	W086°28'50.8257"	ALIGNMENT POINT SET - P.O.T. LINE "A (BACK)"	CALC. POINT - MAG NAIL WITH "ETICA ALIGN." WASHER FLUSH
553	195713.4177	792845.7203	N039°09'47.0012"	W086°28'50.8629"	ALIGNMENT POINT SET - P.C. LINE "A (BACK)"	CALC. POINT - MAG NAIL WITH "ETICA ALIGN." WASHER FLUSH
554	195789.5425	792842.9584	N039°09'47.7536"	W086°28'50.8978"	ALIGNMENT POINT SET - P.I. LINE "A (BACK)"	CALC. POINT - MAG NAIL WITH "ETICA ALIGN." WASHER FLUSH
555	195860.6822	792715.7230	N039°09'48.4567"	W086°28'51.2434"	ALIGNMENT POINT SET - P.T. LINE "A (BACK)"	CALC. POINT - MAG NAIL WITH "ETICA ALIGN." WASHER FLUSH
556	195970.6851	792773.6492	N039°09'49.5440"	W086°28'51.7772"	ALIGNMENT MON RECOVERED - P.O.T. LINE "A (BACK)" & P.C. LINE "PR"	MAG NAIL WITH PCS CONTROL WASHER FLUSH
557	196273.8582	792714.9904	N039°09'52.5406"	W086°28'52.5212"	ALIGNMENT MON. RECOVERED - P.T. LINE "PR" & P.O.T. LINE "A (AHEAD)"	MAG NAIL WITH PCS CONTROL WASHER FLUSH
1000	196142.0326	792717.1557	N039°09'51.2376"	W086°28'52.4940"	APPARENT U.S.P.L.S.S. SECTION CORNER MONUMENT RECOVERED	SEE SURVEYOR'S REPORT
1001	196141.8592	792832.1126	N039°09'51.2357"	W086°28'51.0345"	APPARENT U.S.P.L.S.S. SECTION CORNER MONUMENT RECOVERED	SEE SURVEYOR'S REPORT
1002	198888.0564	792676.2294	N039°10'18.3780"	W086°28'53.0065"	APPARENT U.S.P.L.S.S. SECTION CORNER MONUMENT RECOVERED	SEE SURVEYOR'S REPORT
1004	196156.7473	795367.7176	N039°09'51.3763"	W086°28'18.8428"	APPARENT U.S.P.L.S.S. SECTION CORNER MONUMENT RECOVERED	SEE SURVEYOR'S REPORT
1013	196138.8848	790029.0992	N039°09'51.2106"	W086°29'26.6213"	APPARENT U.S.P.L.S.S. SECTION CORNER MONUMENT RECOVERED	SEE SURVEYOR'S REPORT

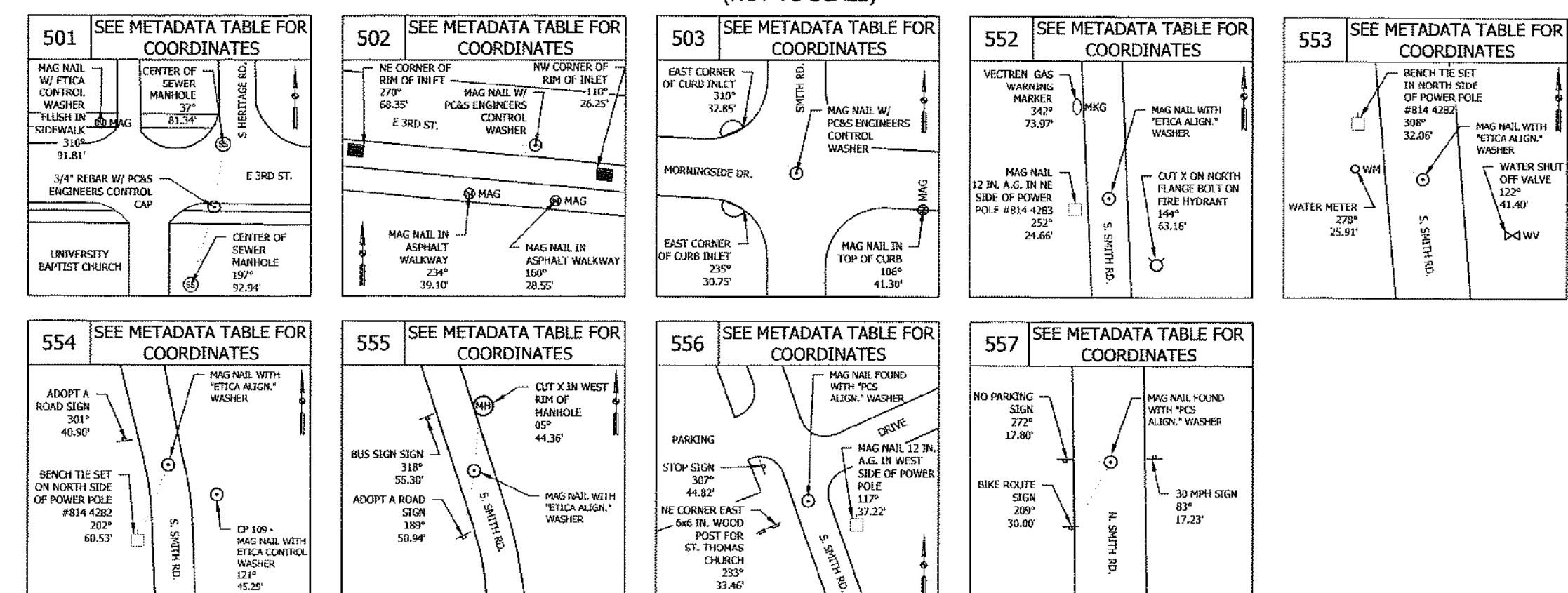
**U.S.P.L.S.S. SECTION CORNER REFERENCES
(NOT TO SCALE)**



**CONTROL POINT REFERENCES
(NOT TO SCALE)**



**ALIGNMENT POINT REFERENCES
(NOT TO SCALE)**



SURVEY STARTED	
02-28-2019	
SURVEY COMPLETED	
05-13-2019	
ROUTE PLAT SHEETS	
2	OF 3

PREPARED BY:

IN ASSOCIATION WITH:

FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF TITLE 865 I.A.C. 1-12-20 THROUGH 1-12-25 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.

PREPARED BY:

Nicholas M. Schmitt
NICKOLAS M. SCHMITT, P.S. 12/15/2020

DRAWN: CLC CHECKED: NMS

INDIANA DEPARTMENT OF TRANSPORTATION
LOCATION CONTROL ROUTE SURVEY

META-DATA TABLES AND REFERENCES

SCALE	BRIDGE FILE
SEE ABOVE	---
COUNTY	DESIGNATION
MORGAN	1800208
SURVEY BOOK	SHEETS
---	9 of 96
CONTRACT	PROJECT NUMBER
---	Etica No. 180097.07

REVISED LOCATION CONTROL ROUTE SURVEY

FOR INDIANA DEPARTMENT OF TRANSPORTATION (INDOT)
IN ASSOCIATION WITH CMT
STATE ROAD 46 (3RD STREET) AND SMITH ROAD
CITY OF BLOOMINGTON, MONROE COUNTY, INDIANA
DES NO. 1800208
(CROSS REFERENCE SURVEY:
INSTRUMENT NUMBER 2020008533

Surveyors Report:

Etica Group Project Number: 180097.07

General Description and Location:

The Northeast Quarter of Section 2 and Northwest Quarter Sections 1, both in Township 8 North, Range 1 West, Perry Township, and Southeast Quarter of Section 35 and Southwest Quarter of Section 36, both in Township 9 North, Range 1 West, Bloomington Township, all in the City of Bloomington, Monroe County, Indiana.

Field Measurements:

Field measurements for this survey were made in accordance with specifications outlined in 865 I.A.C. 1-12. The decimal places shown hereon for measurements and coordinates do not necessarily indicate the precision of the work, but to allow for closure and adjustment by others if desired.

Project Control and Basis of Bearings:

InGCS "Monroe" zone:
Unless noted otherwise, all bearings, distances, areas, and coordinates shown hereon are based upon the Indiana Geospatial Coordinate System's (InGCS) "Monroe" zone per NAD 83 (2011) epoch 2010.00 and are reported in U.S. Survey Feet and decimal parts thereof. The zone was developed to minimize the differences between ground-measured horizontal distances and the corresponding grid coordinate (map) distances within the counties bearing these zone names.

The InGCS zone coordinates and associated metadata are listed to facilitate a seamless workflow between various geospatial industries (surveying, civil engineering, construction, environmental, GIS, etc.), to provide a means by which to enable the re-establishment of the survey lines, i.e. alignments (should any monuments on them be destroyed), and to provide a mechanism for the perpetuation of any boundary corner monuments included in this survey, e.g., USPLS, Grant, Donations, local subdivisions and/or tracts. To preserve the relative positional relationships of these surveyed lines and/or boundary corner monuments in future surveying, construction, maintenance, etc. activities, it is recommended to utilize the positions associated with the physical "Survey Network Control Points" listed in the "Reported Project Points Metadata Table" that were set and/or found during this survey.

InGCS "Monroe" Zone Parameters
Geometric Datum: NAD 83(2011) epoch 2010.00
Units: U.S. Survey Feet
Projection Type: Transverse Mercator
Central Meridian: 86°30'00" west longitude
Central Meridian scale factor: 1.000028
Latitude of Grid Origin: 38°57'00" north latitude
False Northing: 36,000,000 m (118,110.00 U.S. Ft)
False Easting: 240,000,000 m (787,400.00 U.S. Ft)

The control system parameters used for this survey were provided by INDOT. Etica Group verified the system with a GPS observation on NGS Monument PID "KA2024" (Des. BLOOMINGTON NCMN 7291).

Published Coordinates	Observed Coordinates	Delta(A) Value
Northing: 201,644.0036	Northing: 201,644.0075	+ 0.0039
Easting: 787,850.5876	Easting: 787,850.6115	+ 0.0239

The monument was verified utilizing the INDOT Continuously Operating Reference Station (INCORS) a real-time kinematic (RTK) correction service over the internet. This system is stated by INDOT as "Providing Network RTK in RTCM (Real Time Correction Message) 2.3, and 3.1 in the MAX (R2K2 Full) and I-MAX (R2K2 LITE) formats via NTRIP (Networked Transport of RTCM via Internet) and TCP/IP, as well as CMR and CMR+ in the MAX (R2K2 Full) and I-MAX (R2K2 LITE) formats via NTRIP, and TCP/IP."

Intent of Survey:

The purpose of this survey was to provide the client with a Location Control Route Survey (LCRS) plat (as defined in Title 865 of the Indiana Administrative Code as a "Route Survey") using the Indiana Geospatial Coordinate System (InGCS) and provide a corresponding Topographic Survey. This is NOT a boundary survey (as defined in Title 865 as an "original survey" or a "retacement survey"), and should therefore not be treated as such.

The purpose of this survey was to collect survey data for the preparation of design plans for CMT and prepare a corresponding LCRS. This survey is located in the City of Bloomington, Monroe County, Indiana. The limits are along State Road 46 and North Smith Road. The survey limits, centered at the intersection of State Road 46 and North Smith Road, consisted of the following: (1) approx. 600 feet north of the intersection; (2) approx. 500 feet south of the intersection; (3) approx. 300 feet west of the intersection; and (4) approx. 350 feet east of the intersection. The width of the survey corridor varies along the roadway corridor.

Referenced Documents, Surveys, and Plans:

All record descriptions, recorded documents, and platted land (plats and subdivisions) were obtained from the Office of the Recorder of Monroe County, Indiana, unless noted otherwise. Resources and referenced documents found or obtained for this survey that were used to help establish the apparent boundary lines, plat lines, survey lines, alignments, and / or right-of-way lines for this survey are as follows:

- Google Earth
- County GIS
- County Surveyors Office Section Corner References (Monument Records)
- Recorded Location Control Route Survey as prepared by Parsons, Cunningham, & Shartle Engineers, Inc. as dated 05-03-2009 and recorded as Instrument Number 2009008898.
- Recorded Boundary and Topographic Survey as prepared by Bledsoe Riggert Guerretaz, dated 04-23-2007 and recorded as Instrument Number 2007007532

(Please note that this may not be a comprehensive list of all documents researched for or found for this project.)

INDOT Research Request and Documentation:

The Indiana Department of Transportation (INDOT) research request form was submitted (said request included construction plans, right-of-way plans, and grant/deeds) for this survey per INDOT's website on 02/06/2019.

An email from INDOT was received on 02/06/2019 with plan documents attached and are as described as follows:

- State Highway Department State Highway Plans for F-Project No. 128 (3).

The above plans were of little help in regards to this project so an additional request was submitted for plans. On 04/12/2019, an email was received with plan documents attached as follows:

- INDOT State Highway Plans for STP-Project No. X380 (Contract No. R-20969).

Etica also during their research located preliminary INDOT Right-of-Way plans for Code 4984, Des. No. 0100773. Per the INDOT research team, this project right-of-way was eliminated in SPMS.

No other plan or right-of-way transfer documents were received from INDOT.

General Notes:

The Etica Group, Inc. is a sub consultant to CMT.

INDIANA ADMINISTRATIVE CODE: In accordance with Title 865, Article 1, Chapter 12 ("Rule 12") of the Indiana Administrative Code-State Board of Registration for Land Surveyors, the following observations and opinions are submitted regarding the various uncertainties in the locations of the lines and corners established this survey as a result of uncertainties in reference monumentation (both availability and condition); in lines of occupation or possession; in record descriptions and/or plats; and as introduced by random errors in measurement ("Relative Positional Accuracy"). THERE MAY BE UNWRITTEN RIGHTS ASSOCIATED WITH THESE UNCERTAINTIES. The client should assume there is an amount of uncertainty along ANY line or at ANY corner equal in magnitude to the discrepancy in the location of the lines of occupation or possession from the surveyed lines and corners.

Existing monuments recovered and discussed within this report (said points depicted on the plat pages, alignment, and control references and in the coordinate table) represent true and accurate locations as depicted, corresponding with distances and/or azimuths/bearings (if referenced). All control points set were referenced in accordance to Indiana Department of Transportation Design Manual for Location Surveys Part III. Other points recovered but not shown, may be close, but were not within the estimated uncertainty nor did they have any impact on the establishment of lines as shown herein. Secondary control points may have been set for the use in locating or validating other evidence when establishing rights of way or apparent property/boundary lines.

When fences or other lines of occupation are shown on the plat, they have been located only at the ends or specific locations noted; therefore, for the purpose of this survey, such lines are assumed to run straight between said locations, but in actuality may vary slightly from such straight line.

Since the date of this survey, conditions may have occurred that are beyond the knowledge or control of the undersigned surveyor that may have altered the validity and circumstances shown or noted herein. The location of the survey lines and corners are subject to the evidence found in the performance of this survey. Additional evidence presented to the undersigned surveyor may alter the location of said lines and corners.

The plat and survey were prepared based upon research of the public records to determine the last deed of record for source of title for the subject tract and adjoining properties and is therefore subject to any statements of facts revealed by examination of prior deeds or other documents that may exist that would affect this parcel.

As used in this survey, the term "certify" means to state or declare a professional opinion of conditions regarding those facts or findings which are the subject of the certification and does not constitute a warranty or guarantee, either expressed or implied. The surveyor can only certify to those items that are visible and/or things that can be observed, measured, or counted.

U.S. Public Land Survey System (USPLSS) Section Line Determination and Recovered Monuments:

The recovery of apparent section corner monuments for Section 1 and Section 2, Township 8 North, Range 1 West, and Section 35 and Section 36, Township 09 North, Range 01 West, worthy of mention are as follows:

Southeast Corner of Section 35 (Pt. No. 1000):

A mag nail with no washer flush with grade was recovered. A three (3) inch road nail is shown as this section corner monument per the Monroe County Surveyor's Monument Record. The reference ties per said Monument Record were verified in the field against this recovered mag nail monument. It was determined that this was the best available evidence of the section corner location and said recovered monument was held as such. There is considered to be an unknown amount of uncertainty associated with this corner.

Northwest Corner of Section 1 (Pt. No. 1001):

A road nail one (1) inch below grade was recovered. A railroad spike is shown as this section corner monument per the Monroe County Surveyor's Monument Record, the recorded location control route survey as recorded in Instrument Number 2009008898, and per other recorded surveys. Two references per the County Surveyor's Monument Record were verified against the road nail recovered. It was determined that this was the best available evidence of the section corner location and said recovered monument was held as such. There is considered to be up to 1.0 foot of uncertainty associated with this corner.

East Quarter Corner of Section 35 (Pt. No. 1002):

A 1.25 inch diameter boat spike three (3) inches below grade was recovered per the Monroe County Surveyor's Monument Record. There is considered to be no uncertainty associated with this corner.

South Quarter Corner of Section 36 (Pt. No. 1004):

A one (1) inch diameter pin in six (6) inch concrete sleeve flush with grade was recovered. A railroad spike is shown as this section corner monument per the Monroe County Surveyor's Monument Record, the recorded location control route survey as recorded as Instrument Number 2009008898, and per other recorded surveys. Two references per the County Surveyor's Monument Record were verified against the pin recovered. It was determined that this was the best available evidence of the section corner location and said recovered monument was held as such. There is considered to be up to 1.0 foot of uncertainty associated with this corner.

U.S. Public Land Survey System (USPLSS) Section Line Determination and Recovered Monuments (Cont.):

South Quarter Corner of Section 35 (Pt. No. 1013):

A mag nail with no washer flush with grade was recovered. No Monroe County Surveyor's Monument Record was found in regards to this section corner location. A mag nail found flush was recovered and held as this section corner location per the Recorded USI Consultants, Inc. LCRS (Instr. No. 2008016413). It was determined that this was the best available evidence of the section corner location and said recovered monument was held as such. There is considered to be an unknown amount of uncertainty associated with this corner.

West Line of the Northwest Quarter of Section 1 - Calculated Location:

This section line location was calculated per the recorded location control route survey as recorded in Instrument Number 2009008898 (hereon referred to as Route Survey). This section line location as determined by the Route Survey was correlated into this survey's coordinate system / basis of bearings. This correlation, and therefore section line location, was established based on holding the angular and distance relationships between the corresponding section corner monuments found for both this survey and the Route Survey.

Apparent Boundary Lines / Lines of Possession / Right of Way Notes:

The recorded last deed of record descriptions of nearby tracts located within the survey limits, recorded subdivision plats, and supplemental documents (as listed on the LCRS) were used to establish the apparent boundary lines and right-of-way lines.

Regarding "lines of occupation or possession" in the above section, this term refers to lines which are marked by visible, obvious, well-defined and maintained, man-made or placed objects or limits, such as, but not limited to fences, hedges, mow lines, field-divide lines, woods lines, retaining walls, etc. The uncertainty cited for a line of occupation is general in nature and in not intended to be specific for every point along the line. Therefore, portions of the occupation lines may vary from the surveyed lines by distances greater or less than the uncertainty cited in this report or shown on the plat of survey. When fences or other lines of occupation are shown on the plat, they have been located only at the ends or specific locations noted; therefore, for the purpose of this survey, such lines are assumed to run straight between said locations, but in actuality may vary slightly from such straight line.

The existing right of way lines, parcel ownership lines, and ownership information shown on this plat are preliminary and subject to change based on verification/validation of title. This information is shown only to help orient the user of this plat as it relates to project centerlines and is not intended to establish existing right of way lines or ownership lines. The source used to plot existing right of way lines and ownership lines shown on this plat is from the last/current deeds of record obtained from the appropriate County Recorder's Office or other state agencies when the research was performed, as well as from other sources cited on this plat. Where no record right of way could be found, the edge of pavement shown may possibly act as an easement by prescription. The designer/consultant responsible for Right of Way Engineering is to complete the final determination of this information. It is always presumed that there are rights associated to all areas where right of way monuments or possession exist; however, documentation is not always provided to show the extent of those rights. No title search or encumbrance report was performed for this project.

Any depiction of possible intrusion, trespass, invasion, and/or possible encroachment into the possessions or rights of another is not a matter of this survey. An attorney and/or title company should be consulted in all matters with respect to any rights of possession, matters of title, and all things with respect to any encumbrances if depicted on this survey.

Observations and Opinions - Availability and Condition of Reference Monuments:

The following is a discussion on what monuments were recovered and/or not found in relation to establishing the apparent boundary lines of the subject tracts, deed lines, roadway centerlines and alignments, apparent plat lines, and existing right-of-way (if any), hereon referred to as "survey lines". The number and/or letter associated with each monument represents their monument I.D. as depicted on the survey plat.

- 501. A 5/8 inch diameter rebar with "PCS" cap flush with grade was recovered. This monument was held as the P.O.T. station 195+60.00 for Line "S".
- 502. A mag nail with "PCS" washer flush with grade was recovered. This monument was held as the P.O.T. station 206+09.51 for Line "S".
- 503. A mag nail with "PCS" washer flush with grade was recovered. This monument was held as the P.I. (no curve run) station 94+17.33 for Line "A (AHEAD)".
- 556. A mag nail with "PCS" washer flush with grade was recovered. This monument was held as the P.O.T. station 85+00.00 for Line "A (BAQ)".
- 557. A mag nail with "PCS" washer flush with grade was recovered. This monument was held as the P.O.T. station 88+14.98 for Line "A (AHEAD)".

- 15393. A 5/8 inch diameter rebar with an illegible yellow cap eight (8) inches below grade was recovered and found to be 0.19 feet south of the south right-of-way line of 3rd Street/S.R. 46.
- 19013. A 5/8 inch diameter rebar with cap stamped "SNA LS930019" was recovered and found to be 3.18 feet southwest of an apparent plat corner.
- 19041. A 5/8 inch diameter rebar with cap stamped "BRG PC50920004" flush with grade was recovered and found to be 1.76 feet southwest of an apparent property corner.
- 19042. A 5/8 inch diameter rebar with cap stamped "BRG PC50920004" one (1) inch below grade was recovered and held to establish the apparent right-of-way corner.
- 19043. A 5/8 inch diameter rebar with cap stamped "BRG PC50920004" flush with grade was recovered and found to be 1.89 feet south of an apparent property corner / apparent right-of-way corner.

Bearing and/or distance relationships to recovered monuments on the adjoining properties, roadways, or as located outside the survey limits are shown on this survey for the purpose of establishing a history of monumentation and to assist in establishing the "survey lines" as located within the survey limits or subject tracts only. This survey does not represent a survey of any type of said adjoining properties, roadways, or corridors.

Alignments:

Line "A (BACK)", Line "A (AHEAD)", & Line "S"

Line "A (BACK)" and Line "A (AHEAD)" correspond to Line "A" as described in the Recorded Location Control Route Survey as prepared by Parsons, Cunningham, & Shartle Engineers, Inc. as dated 05-03-2009 and recorded in Instrument Number 2009008898 (hereon referred to as Route Survey) and corresponding INDOT State Highway Plans for STP-Project No. X380, Contract No. R-20969 (hereon referred to as Highway Plans).

Line "S" corresponds to Line "S" as described per the same Route Survey and Highway Plans.

The geometric data as described and labeled on the Route Survey and Highway Plans were held to create the alignment configuration and stationing for Line "A (BACK)", "A (AHEAD)", and Line "S". Station equations and angular relationships relating Line "A" to Line "S" were held to equate all alignments together.

Five (5) alignment monuments were recovered per the Route Survey and are described in the "Observations and Opinions - Availability and Condition of Reference Monuments" Section of this report.

An alignment monument (Point Number 503) was recovered in regards to Line "A" and alignment monuments (Point Numbers 501 and 502) were recovered for Line "S" as set per the Route Survey. A best fit between these three recovered alignment monuments and the corresponding alignment geometric points was implemented to establish and correlate these alignments into this survey's coordinate system / basis of bearings.

Line "PR"

Line "PR" corresponds to Line "PR" as described in the Recorded Location Control Route Survey as prepared by Parsons, Cunningham, & Shartle Engineers, Inc. as dated 05-03-2009 and recorded in Instrument Number 2009008898 (hereon referred to as Route Survey) and corresponding INDOT State Highway Plans for STP-Project No. X380, Contract No. R-20969 (hereon referred to as Highway Plans).

The geometric data as described and labeled on the Route Survey and Highway Plans were held to create the alignment configuration and stationing for Line "PR". Station equations and angular relationships relating Line "PR" to Line "A (BACK)", Line "A (AHEAD)", and Line "S" were held to correlate Line "PR" into this survey's coordinate system / basis of bearings.

Existing Right-of-Way:

Most of the right-of-way as located within the survey limits is considered "existing". The existing right-of-way was established based on recorded subdivision plats (secondary plats), or recorded dedication documents and warranty deeds (transfer of title documents) for right-of-way as labeled and denoted on the attached LCRS plat. The right-of-way as described by the above mentioned documents were established based on their metes and bounds descriptions and platted land depictions.

Apparent Right-of-Way:

The right-of-way as located at the Southwest Quadrant of this survey intersection along Smith Road (West side) is considered "apparent". Apparent right-of-way is right-of-way established by documents that may not be formal or legal in regards to the transfer of land or title, or established by field observed evidence distinguishing use and rights of the public way. The apparent right-of-way as shown on this LCRS was determined based upon:

- Deed of record (Instrument Number 2015015344 & 2018009494) located within the survey limits with the land descriptions property line describing along the apparent adjacent right-of-way line (though no additional document were found formally dedicating said adjoining right-of-way).

Right-of-Way Note:

All "apparent" right-of-way as shown on this LCRS is apparent and skeptical in nature. Please note that right-of-way documents may be found per a Title and Encumbrance Report (T&E Report) as prepared for these survey limits, but no such T&E Reports were supplied for this LCRS. Direction will be needed by the client/owner on how to proceed with right-of-way engineering at the next phase of the project.

Easement Note / Disclaimer:

Locations of any easements shown are based on the last/current deeds of record or recorded plats as obtained from the appropriate County Recorder's Office when the research was performed, as well as from other sources cited on this plat, and should not be interpreted that all possible easements have been recovered as a result of an exhaustive title search. This LCRS was prepared without benefit of current evidence of source of title (Title Work or Encumbrance Report not performed) for the survey area and therefore subject to any statement of facts revealed by examination of such documents. Easements, legal drains, covenants, right-of-way, etc. shown hereon does not constitute all encumbrances upon these surveyed tracts.

Certificate of Survey:

This survey, to the best of my knowledge and belief, is executed per the provision of Title 865 I.A.C. 1-12-20 through 1-12-25 regarding route surveys, except that any data shown regarding the location or description of the existing parcels is not a part of this survey. Data and information was collected from 02/28/2019 to 05/13/2019. The data collected was gathering using electronic total stations applying standard radial surveying techniques and by global positioning equipment, utilizing the INDOT Continuously Operating Reference Station (INCORS).

The Relative Positional Accuracy (due to random errors in measurement) of the corners and monuments found and set established during this survey is within the specification for an Urban Survey: 0.07 feet (21 millimeters) plus 50 parts per million (ppm) as defined in I.A.C. 865.

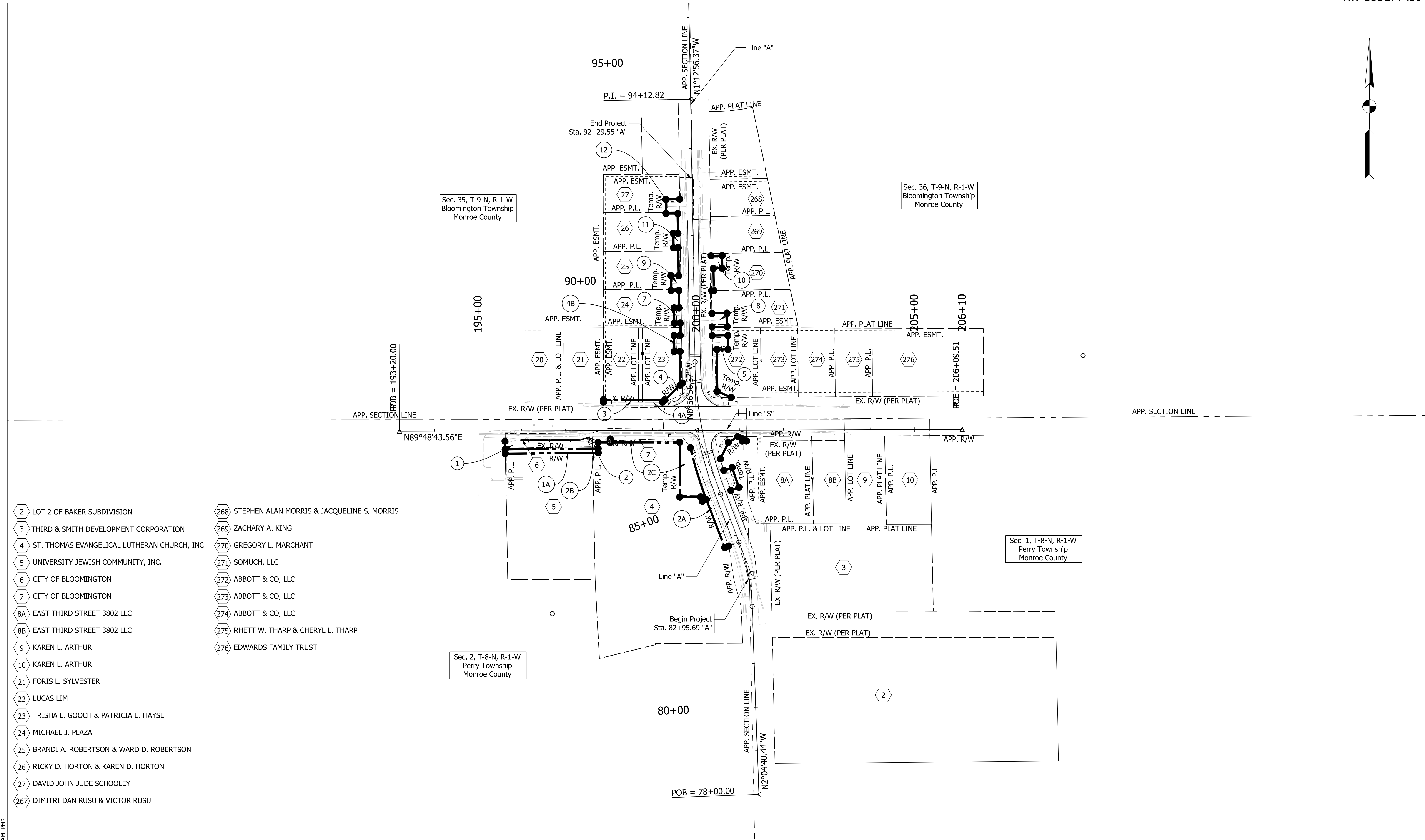
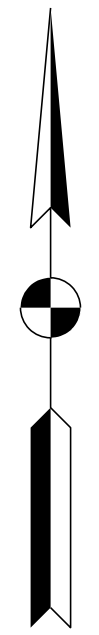
Affirmation Statement:

I affirm, under the penalties of perjury, that I have taken reasonable care to redact each Social Security Number in this document, unless required by law.

Signature: *Nickolas M. Schmitt*

Printed Name: NICKOLAS M. SCHMITT

SURVEY STARTED 02-28-2019	PREPARED BY: 	IN ASSOCIATION WITH: 	FIELD SURVEYOR STATEMENT THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF TITLE 865 I.A.C. 1-12-20 THROUGH 1-12-25 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.		PREPARED BY: <i>Nickolas M. Schmitt</i> NICKOLAS M. SCHMITT, P.S. 12/15/2020	INDIANA DEPARTMENT OF TRANSPORTATION LOCATION CONTROL ROUTE SURVEY	SCALE SEE ABOVE COUNTY MORGAN SURVEY BOOK --- of --- CONTRACT ---	BRIDGE FILE --- DESIGNATION 1800208 SHEETS 10 of 96 PROJECT NUMBER Etica No. 180097.07
ROUTE PLAT SHEETS 3 OF 3			DRAWN: <u>CLC</u> CHECKED: <u>NMS</u>			SURVEYOR'S REPORT AND CERTIFICATION		



- 2 LOT 2 OF BAKER SUBDIVISION
- 3 THIRD & SMITH DEVELOPMENT CORPORATION
- 4 ST. THOMAS EVANGELICAL LUTHERAN CHURCH, INC.
- 5 UNIVERSITY JEWISH COMMUNITY, INC.
- 6 CITY OF BLOOMINGTON
- 7 CITY OF BLOOMINGTON
- 8A EAST THIRD STREET 3802 LLC
- 8B EAST THIRD STREET 3802 LLC
- 9 KAREN L. ARTHUR
- 10 KAREN L. ARTHUR
- 21 FORIS L. SYLVESTER
- 22 LUCAS LIM
- 23 TRISHA L. GOOCH & PATRICIA E. HAYSE
- 24 MICHAEL J. PLAZA
- 25 BRANDI A. ROBERTSON & WARD D. ROBERTSON
- 26 RICKY D. HORTON & KAREN D. HORTON
- 27 DAVID JOHN JUDE SCHOOLEY
- 267 DIMITRI DAN RUSU & VICTOR RUSU
- 268 STEPHEN ALAN MORRIS & JACQUELINE S. MORRIS
- 269 ZACHARY A. KING
- 270 GREGORY L. MARCHANT
- 271 SOMUCH, LLC
- 272 ABBOTT & CO, LLC.
- 273 ABBOTT & CO, LLC.
- 274 ABBOTT & CO, LLC.
- 275 RHETT W. THARP & CHERYL L. THARP
- 276 EDWARDS FAMILY TRUST

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

PLAT 1

SCALE	BRIDGE FILE
1"=100'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	11 of 96
CONTRACT	PROJECT
R-41465	1800208

PlotPLOT_DATE\$ TIME\$ \$AM_PMS

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. N Smith Road at SR 46 can be completely closed during the intersection construction. It shall not be closed at the same time as S. Smith Road.
2. S. Smith Road at SR 46 can be completely closed during the intersection construction. It shall not be closed at the same time as N Smith Road.
3. Fire Department shall have access to SR 46 at all times.
4. Fire Department shall have 48 hours notice if hydrants will be out of service or otherwise inaccessible.
5. Postmaster is _____. Postmaster requires a _____ notice of MOT changes and initial construction start. Post Office entrances shall remain open at all times. Additional information to be provided after further coordination with Postmaster.
6. Access to all drives shall be maintained during construction unless otherwise noted in the plans.
7. Contractor shall provide two weeks notice of Maintenance of Traffic changes and closures to Emergency Services, Bloomington Transit, USPS and IU Facilities.
8. Contractor shall coordinate access of City Bus Service and bus routes with Bloomington Transit. Contractor shall remove bus stop signage for any bus stops that are closed. Contractor shall provide 3 weeks notice to Bloomington Transit (Zac Huneck, zhuneck@bloomingtontransit.com) of changes to bus stops.
9. Contractor shall coordinate access of School Bus Service and bus routes with Monroe County Community School Corporation (MCCSC) Transportation Office. Contact is Nathan Oliver, Director of Transportation, 812-330-7719 ext-53410, noliver@mccsc.edu
10. Contractor shall maintain access for pedestrians at all times.

MAINTENANCE OF TRAFFIC SEQUENCE OF OPERATION

- STAGE 1:
1. Left turns from SR 46 westbound shall be restricted within the project limits.
 2. Construct widening on south side of SR 46. From Sta. 58+00 to Sta. 62+50 construct widening to edge of pavement.
 3. Close S. Smith Road with detour.
 3. Construct new curb and gutter on south side of SR 46.
 4. Construct widening on south side of Smith Road.
 5. Construct new radii at SR 46 and Smith Road.
 7. Signal configuration at the intersection of SR 46 / Smith Road shall be updated to accommodate the change in traffic lanes. Signal heads shall shifted to align with traffic lanes of SR 46. Rewiring needed to maintain signals will be paid for under Maintaining Traffic. Unused signal heads shall be bagged.
- STAGE 2:
1. Left turns from SR 46 eastbound shall be restricted within the project limits.
 2. Construct new curb and gutter on north side of SR 46.
 3. Close N Smith Road with detour.
 4. Construct widening on west side of N Smith Road.
 5. Construct new radii at SR 46 and N Smith Road.
 6. Signal configuration at the intersection of SR 46 / Smith Road shall be updated to accommodate the change in traffic lanes. Signal heads shall shifted to align with traffic lanes of SR 46. Rewiring needed to maintain signals will be paid for under Maintaining Traffic. Unused signal heads shall be bagged.

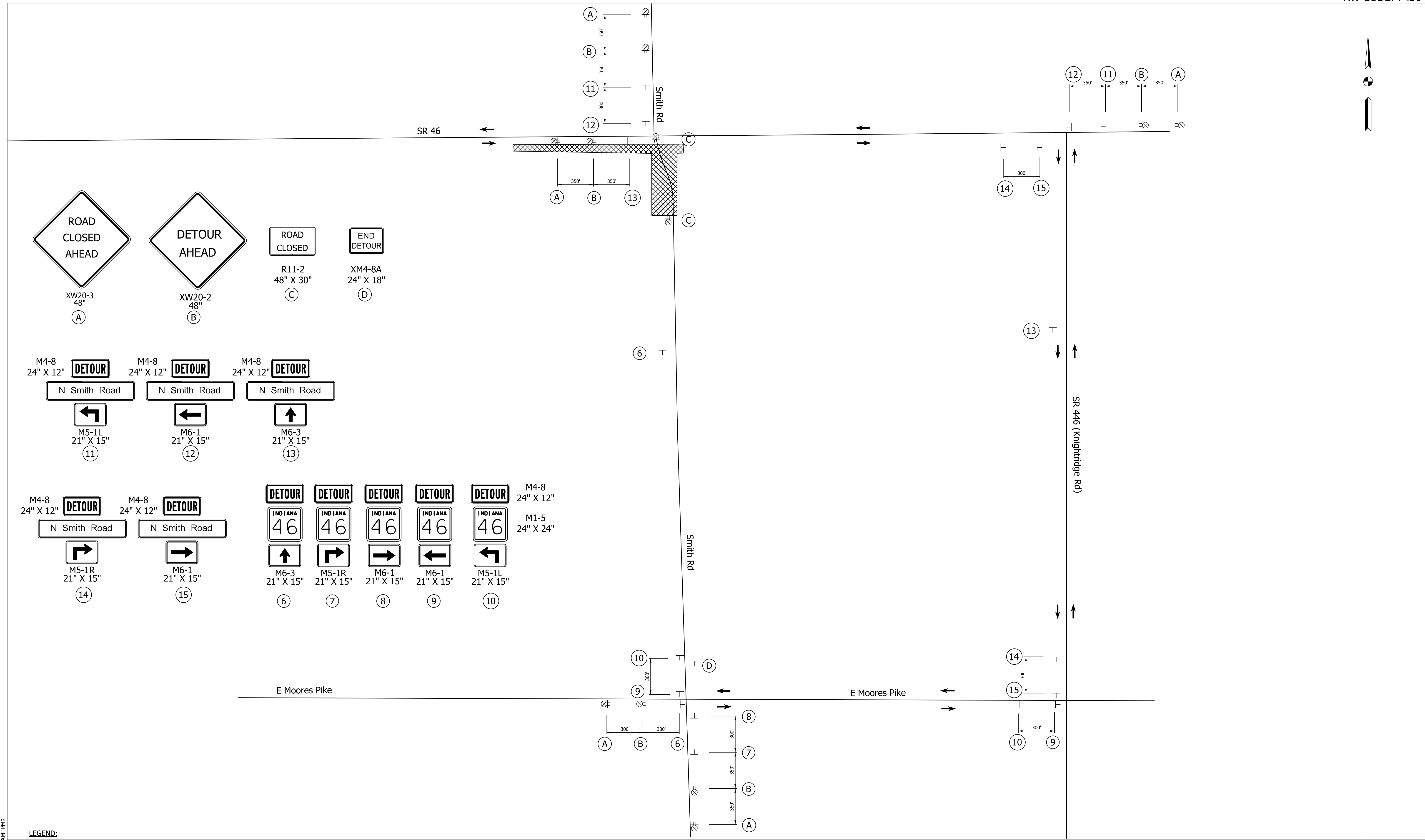
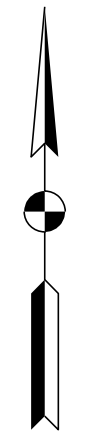
NOT FOR CONSTRUCTION

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CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022		

**INDIANA
DEPARTMENT OF TRANSPORTATION**

MOT GENERAL NOTES

SCALE N/A	BRIDGE FILE
	DESIGNATION 1800208
SURVEY BOOK	SHEETS
CONTRACT R-41465	12 of 96 PROJECT 1800208



- LEGEND:**
- ➔ Detour Route
 - ⊗ Construction Warning Lights, A
 - ▨ Construction Area
 - ⊥ Construction Sign
 - Note:
Length of detour = 2.5 miles
 - ⊥ Detour Route Marker

NOT FOR CONSTRUCTION

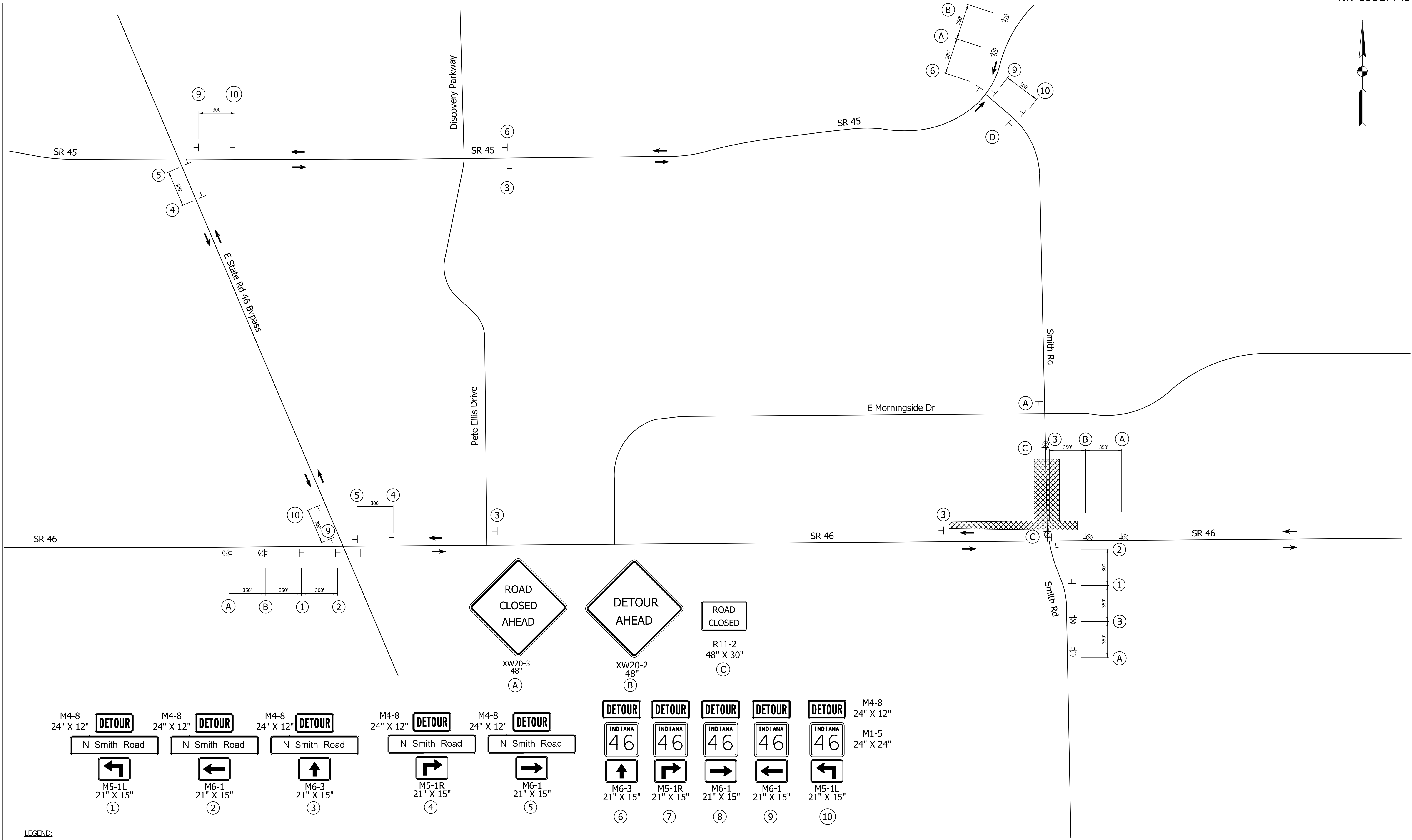
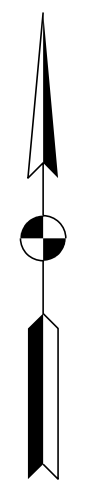
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CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1 SOUTH SMITH ROAD TRAFFIC CLOSURE
OFFICIAL DETOUR ROUTE

SCALE	BRIDGE FILE
NOT TO SCALE	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	13 of 96
CONTRACT	PROJECT
R-41465	1800208

P:\PLOT_DRAWING_TEMPLATES\SMI_PMS



P:\PLOT_DRAWING_TITLES_\$AM_PMS

- LEGEND:**
- ➔ Detour Route
 - ⊗ Construction Warning Lights, A
 - ▨ Construction Area
 - ⊥ Construction Sign
 - Note:
Length of detour = 2.5 miles
 - ⊥ Detour Route Marker

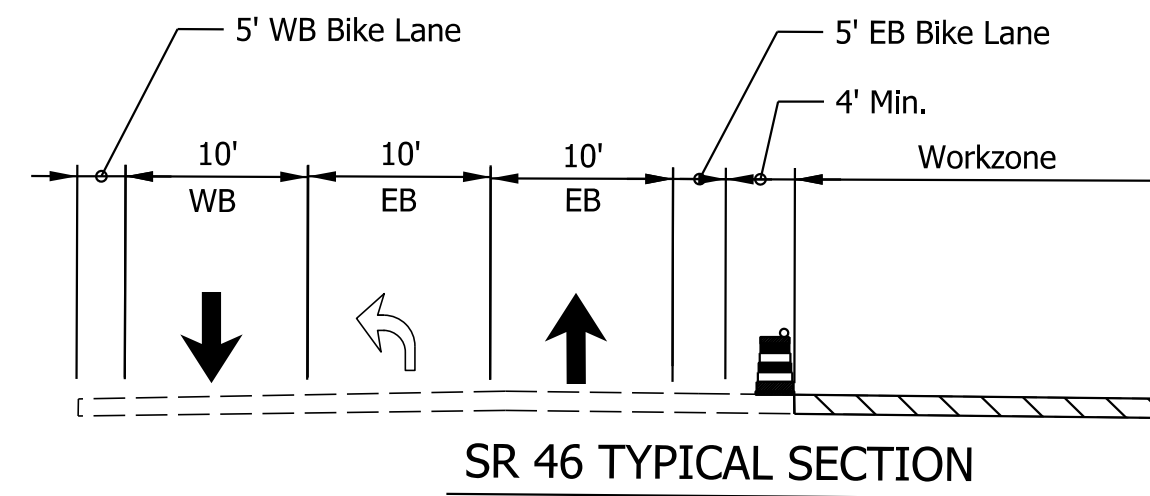
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CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2 NORTH SMITH ROAD TRAFFIC CLOSURE
OFFICIAL DETOUR ROUTE

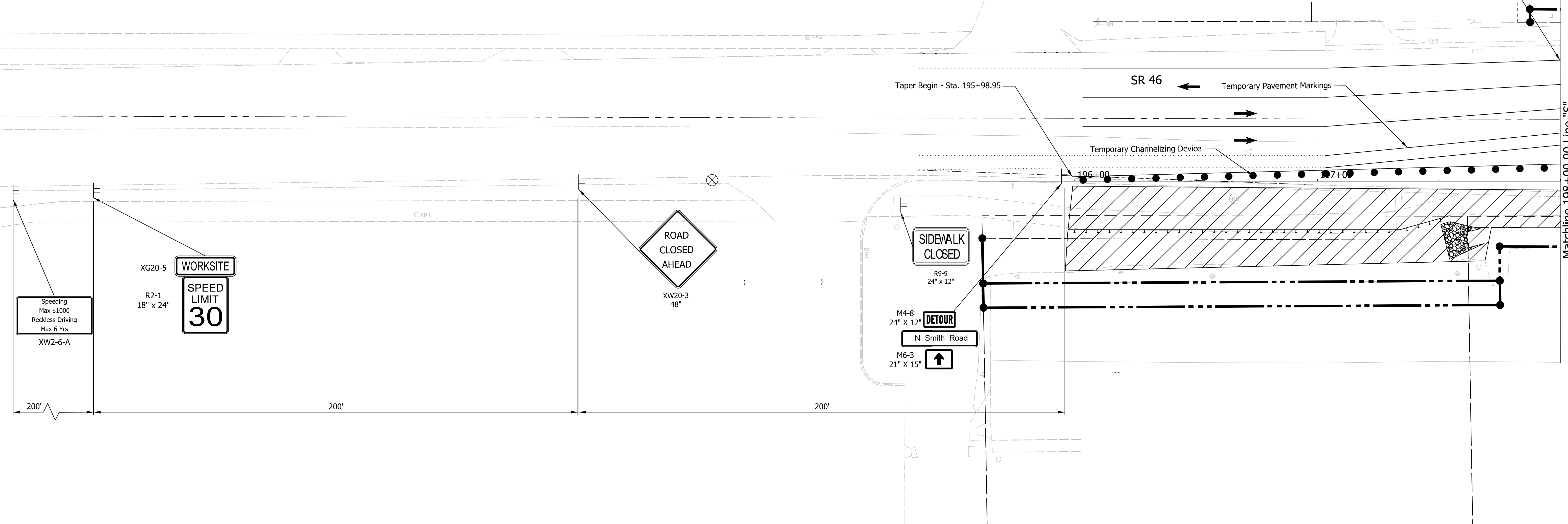
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	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	14 of 96
CONTRACT	PROJECT
R-41465	1800208



Note:

1. "Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
2. Cover conflicting pavement markings throughout project limits.
3. Contractors shall provide crossing to pedestrians at each drive.

Sta. 198+00.00



LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Pavement Markings
- Type III Barricades, A or B

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

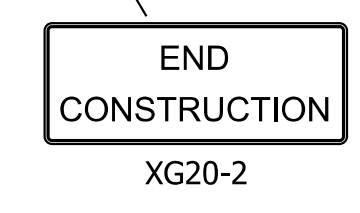
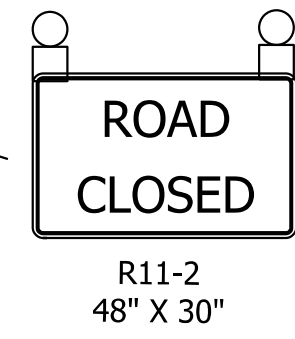
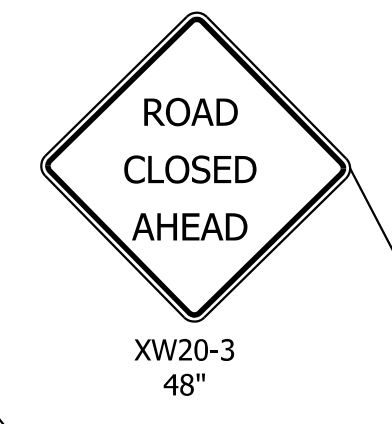
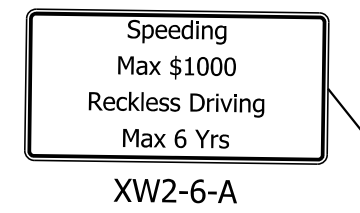
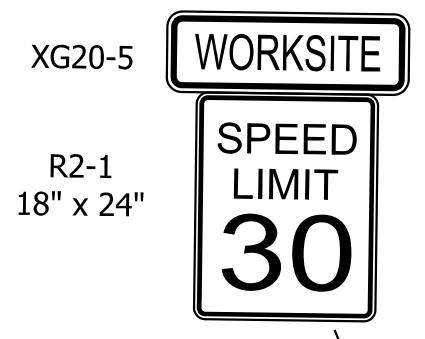
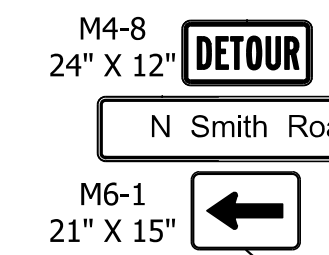
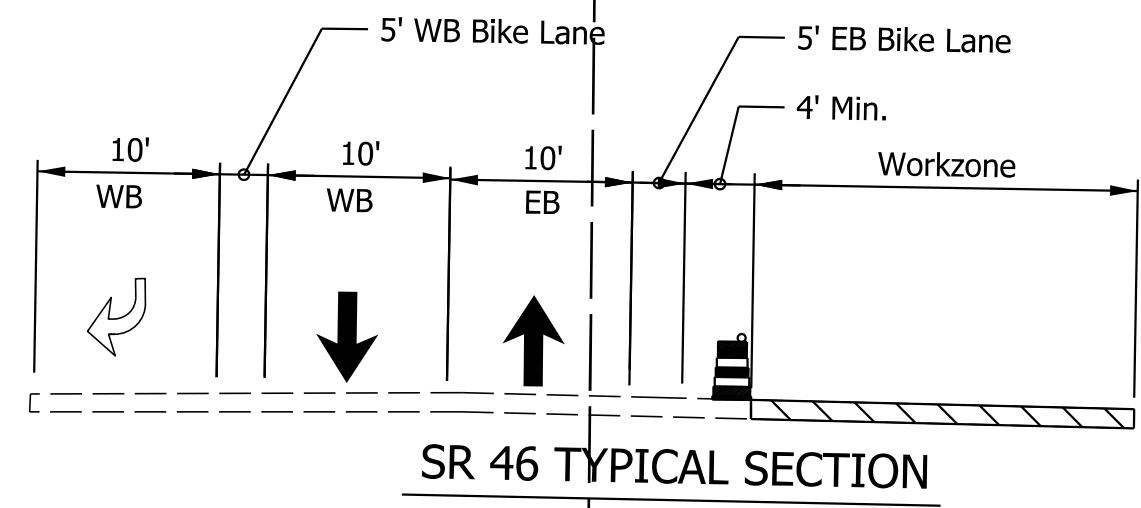
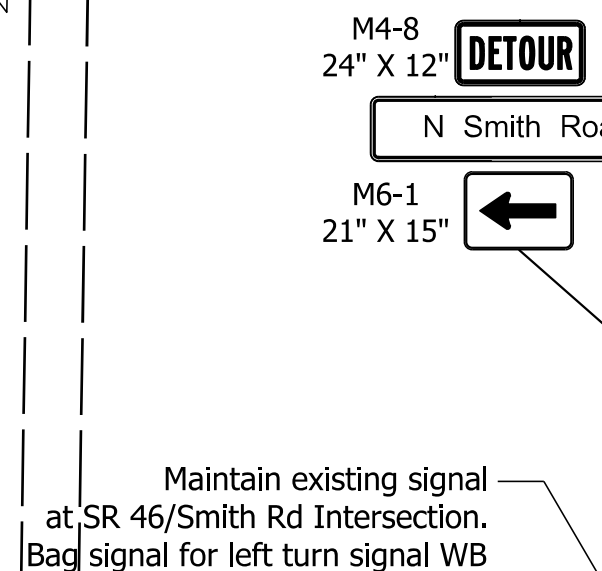
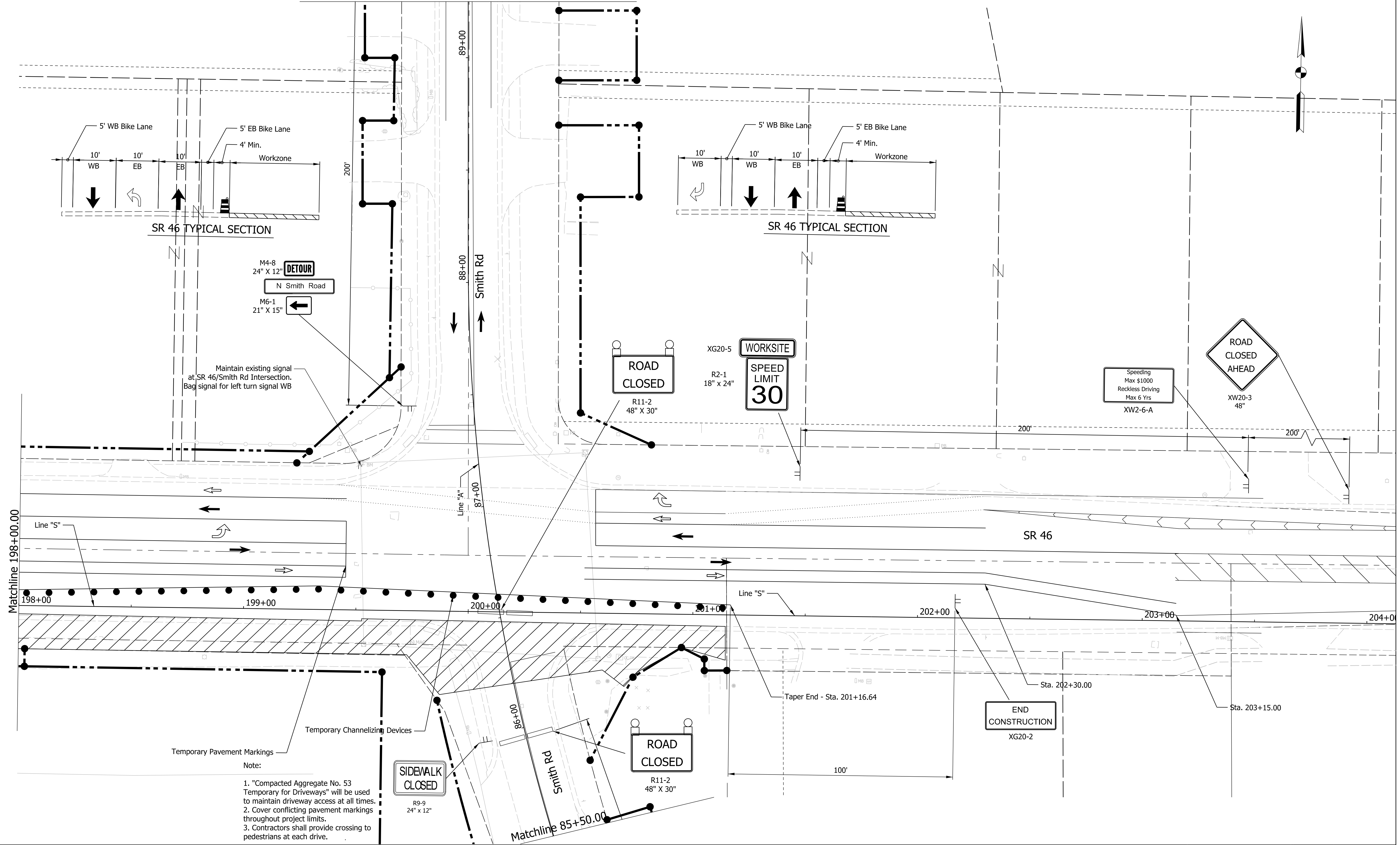
INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 1A

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	15 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Sheets\ShT_MOT_20_Stg1_04.dgn

Matchline 89+25.00



- Note:
1. "Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
 2. Cover conflicting pavement markings throughout project limits.
 3. Contractors shall provide crossing to pedestrians at each drive.

LEGEND:

	Construction Area		Direction of Traffic		Construction Warning Lights, A
	Construction Sign		Temporary Channelizing Device		Temporary Pavement Markings
					Type III Barricades, A or B

NOT FOR CONSTRUCTION

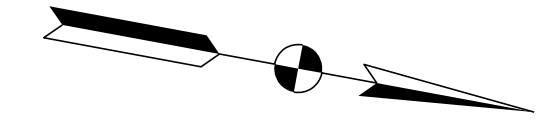
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		6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$
		6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 1A

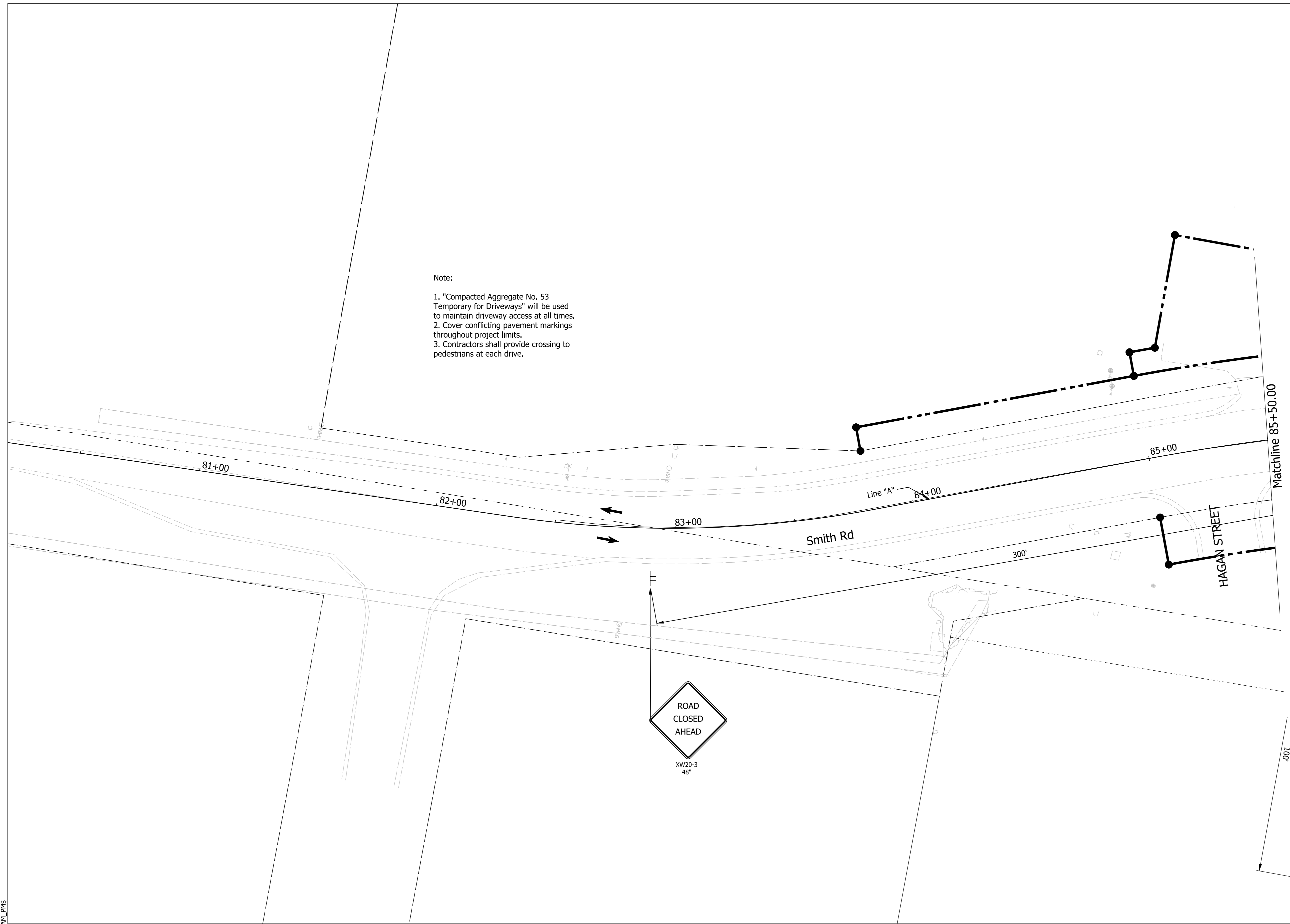
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	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	16 of 96
CONTRACT	PROJECT
R-41465	1800208

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Note:

1. "Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
2. Cover conflicting pavement markings throughout project limits.
3. Contractors shall provide crossing to pedestrians at each drive.



LEGEND:

	Construction Area		Direction of Traffic		Construction Warning Lights, A
	Construction Sign		Temporary Channelizing Device		Temporary Concrete Barrier
					Type III Barricades, A or B

NOT FOR CONSTRUCTION

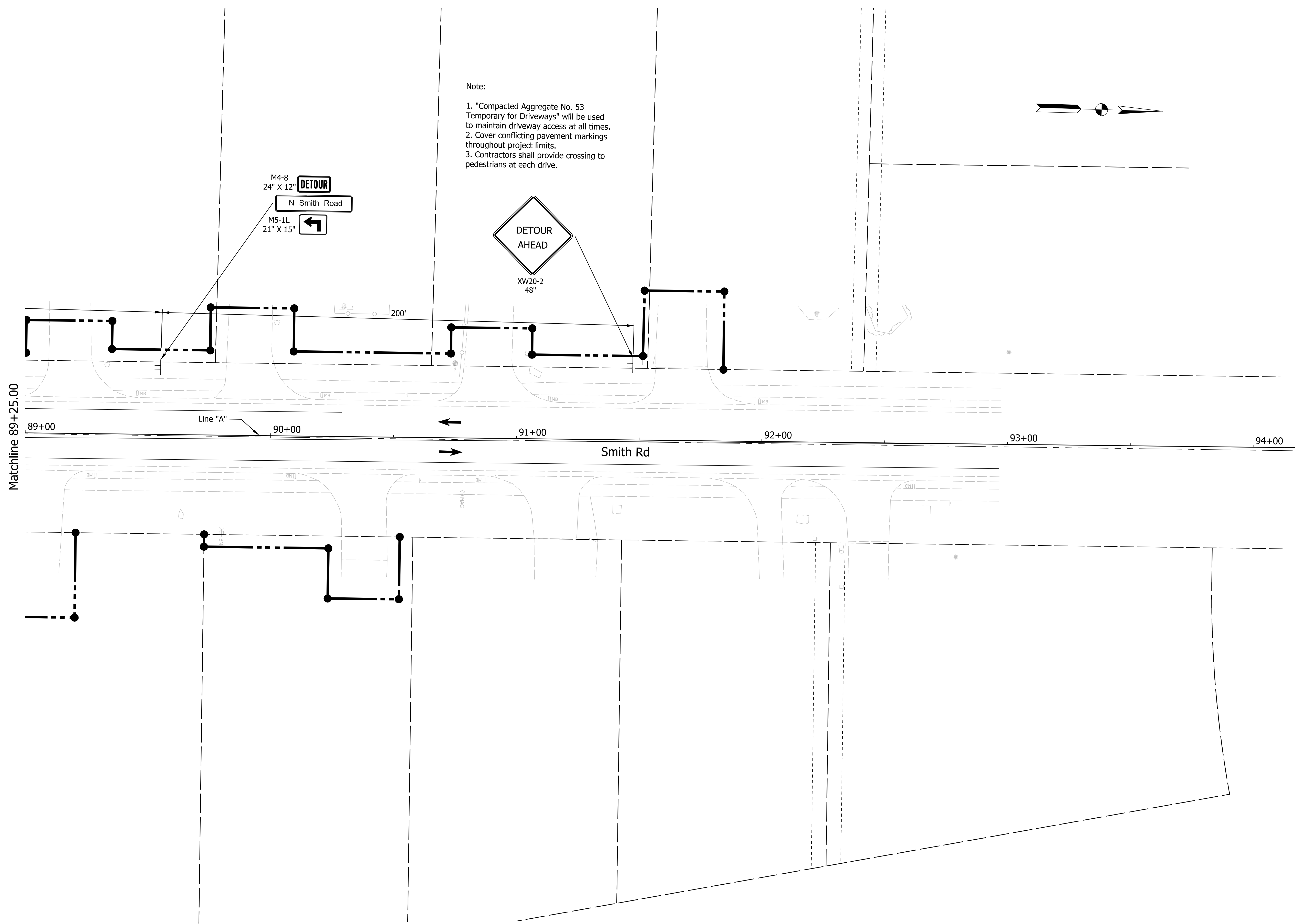
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INDIANA DEPARTMENT OF TRANSPORTATION

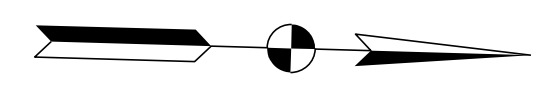
MAINTENANCE OF TRAFFIC PHASE 1A

SCALE	BRIDGE FILE
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	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	17 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Sheets\ShT_MOT_20_Stg1_01.dgn



Note:
 1. "Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
 2. Cover conflicting pavement markings throughout project limits.
 3. Contractors shall provide crossing to pedestrians at each drive.



Matchline 89+25.00

LEGEND:

	Construction Area		Direction of Traffic		Construction Warning Lights, A
	Construction Sign		Temporary Channelizing Device		Temporary Pavement Marking
					Type III Barricades, A or B

NOT FOR CONSTRUCTION

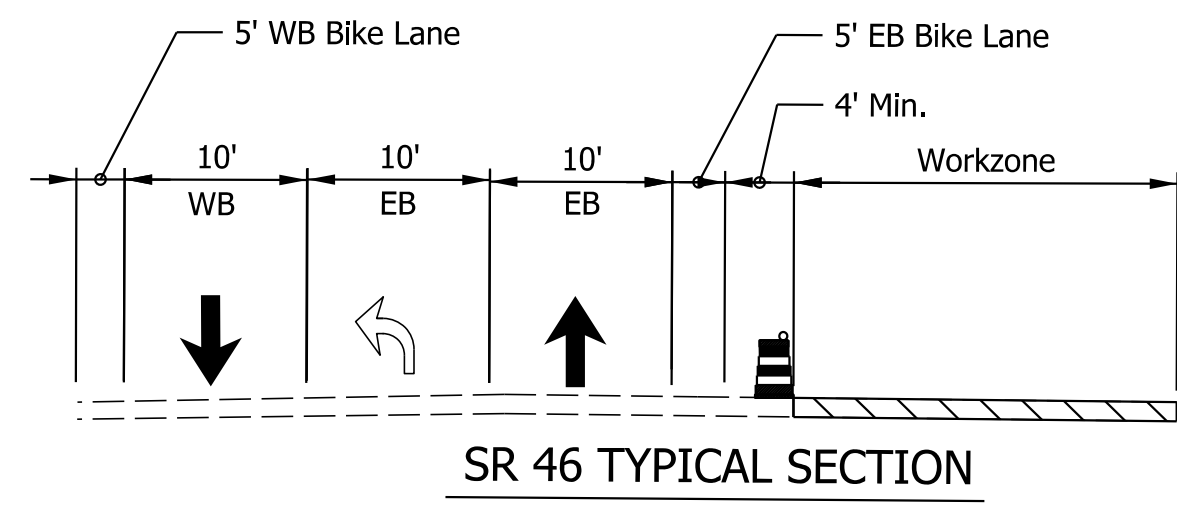
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CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 1A

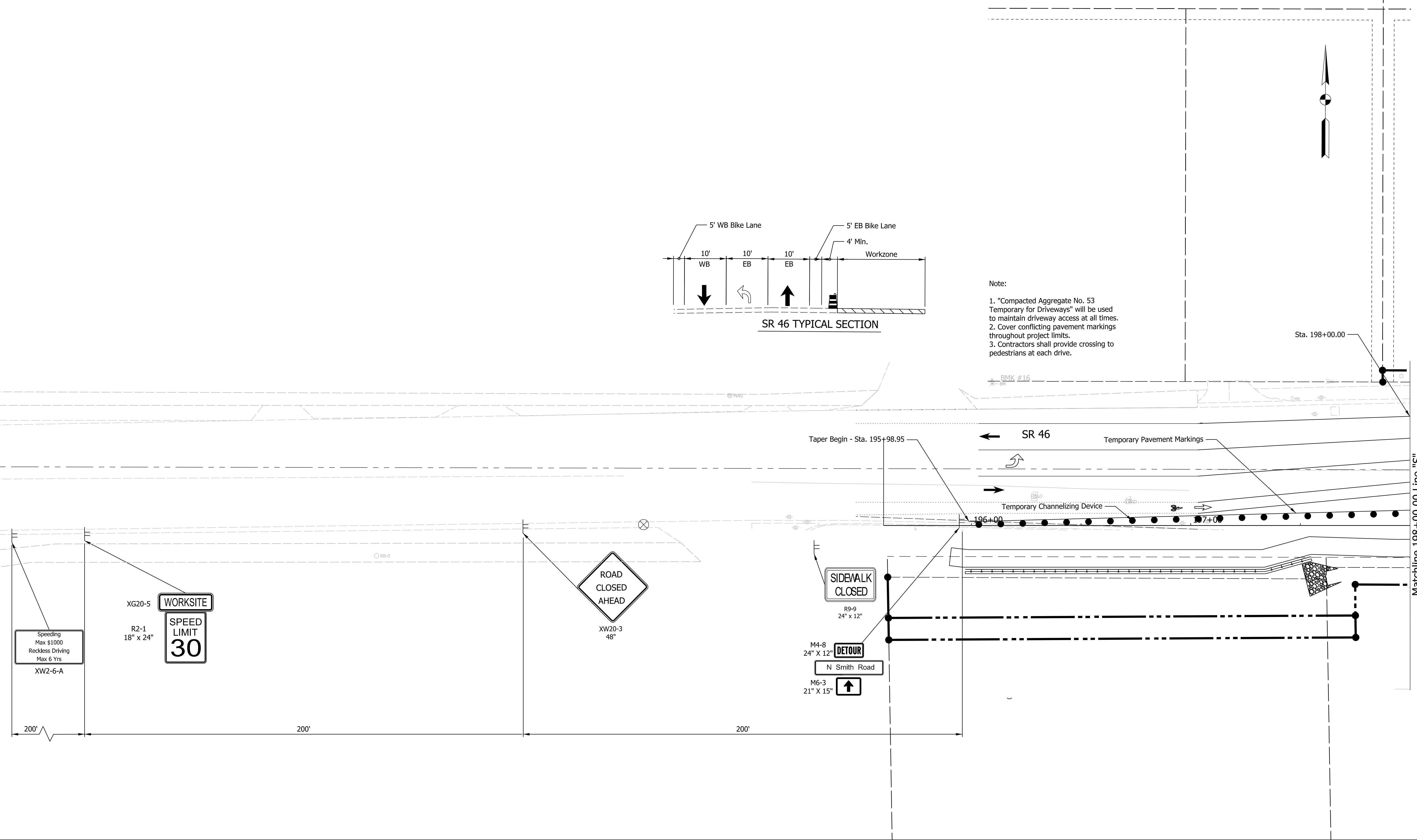
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	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	18 of 96
CONTRACT	PROJECT
R-41465	1800208

PlotTime: 2022/06/07 10:10:15 AM



- Note:
1. "Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
 2. Cover conflicting pavement markings throughout project limits.
 3. Contractors shall provide crossing to pedestrians at each drive.

Sta. 198+00.00



LEGEND:

	Construction Area		Direction of Traffic		Construction Warning Lights, A
	Construction Sign		Temporary Channelizing Device		Temporary Pavement Markings
			Type III Barricades, A or B		

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
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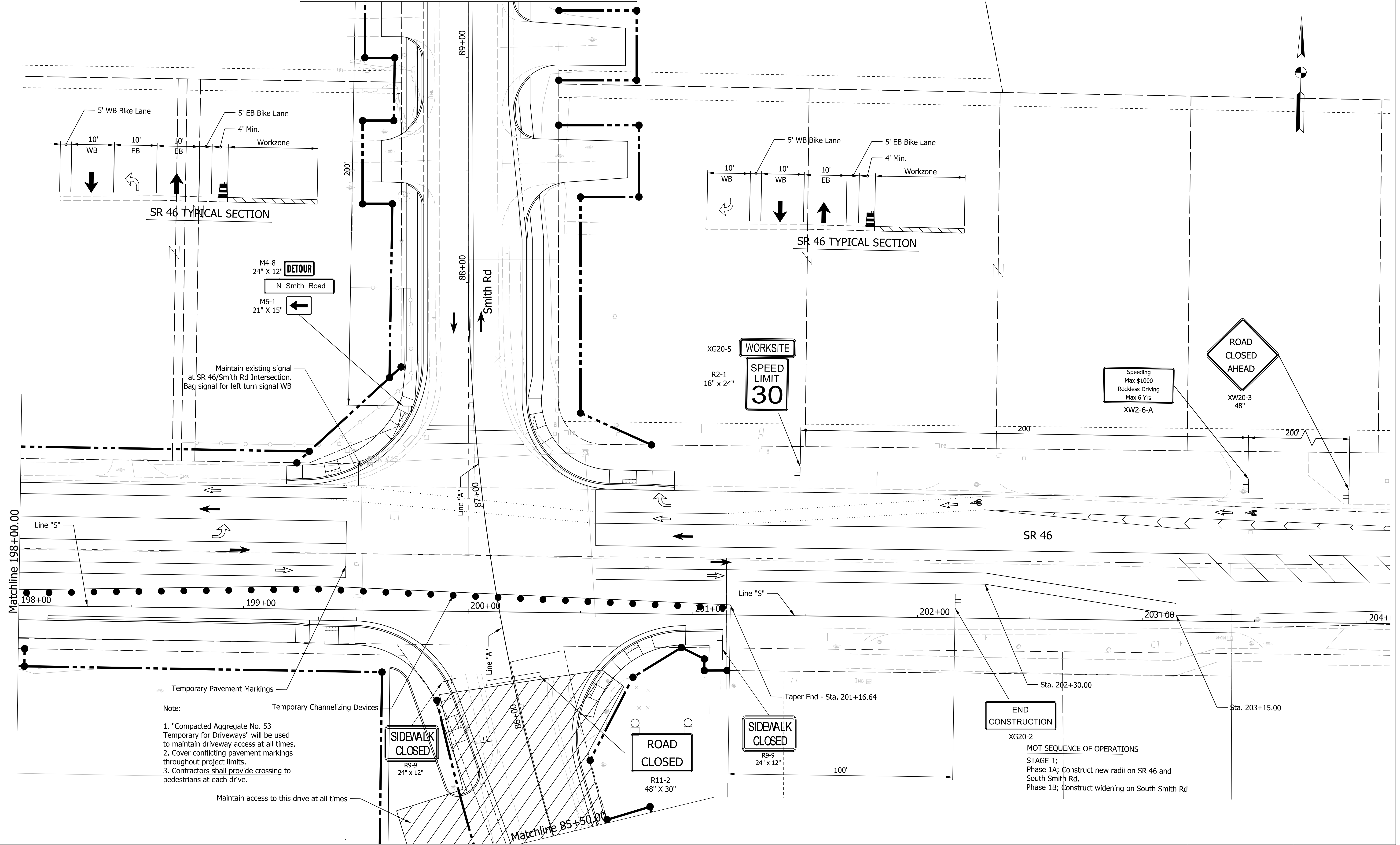
INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 1B

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	19 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Sheets\ShT_MOT_20_Stg1B_01.dgn

Matchline 89+25.00



- Note:
- "Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
 - Cover conflicting pavement markings throughout project limits.
 - Contractors shall provide crossing to pedestrians at each drive.

END CONSTRUCTION
XG20-2

MOT SEQUENCE OF OPERATIONS
STAGE 1:
Phase 1A; Construct new radii on SR 46 and South Smith Rd.
Phase 1B; Construct widening on South Smith Rd

LEGEND:

	Construction Area		Direction of Traffic		Construction Warning Lights, A
	Construction Sign		Temporary Channelizing Device		Temporary Pavement Markings
					Type III Barricades, A or B

NOT FOR CONSTRUCTION

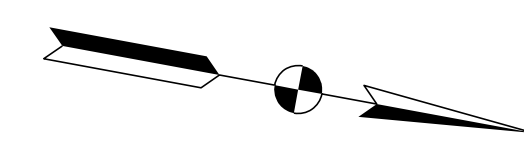
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CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$
		6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 1B

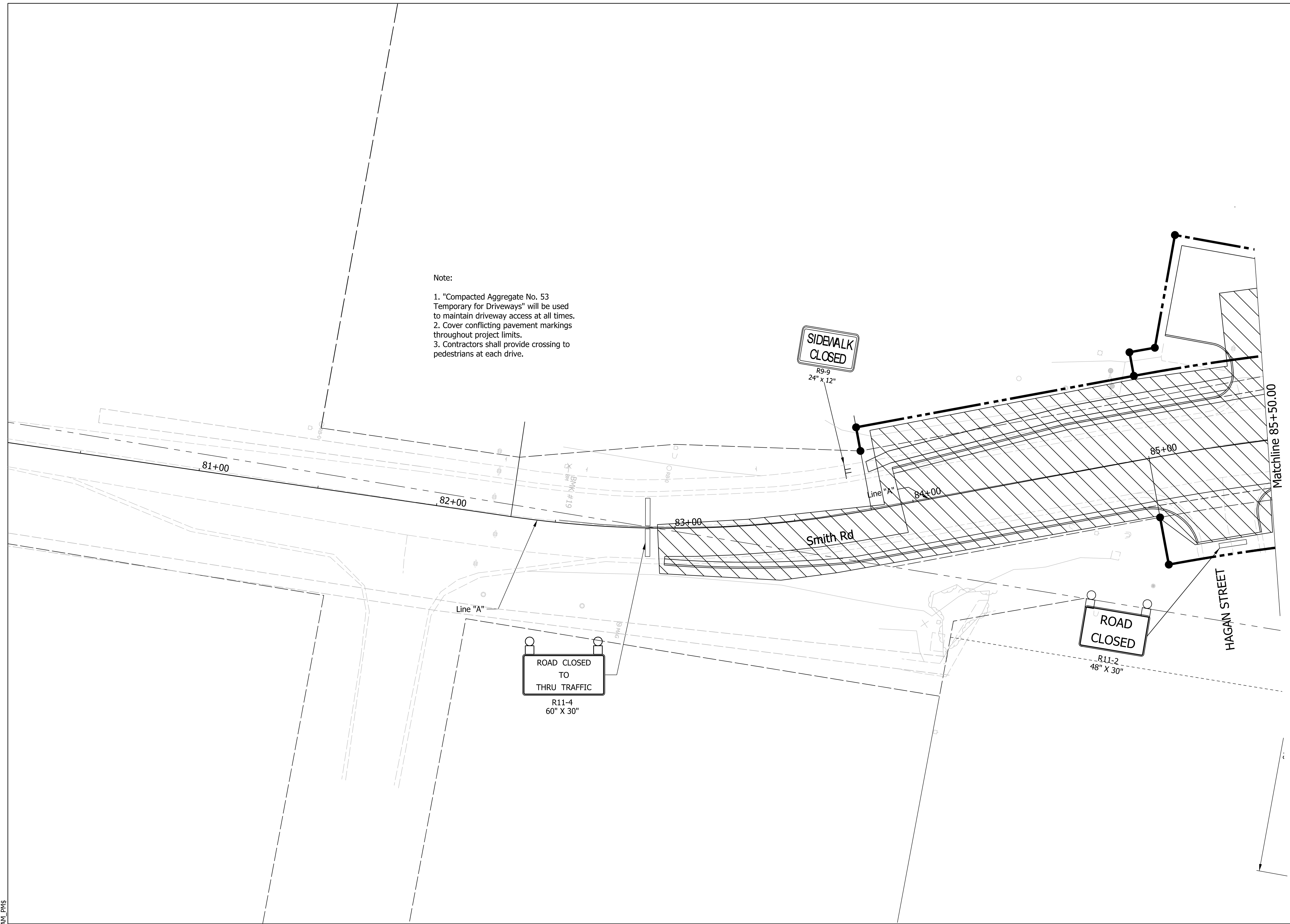
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1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	20 of 96
CONTRACT	PROJECT
R-41465	1800208

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Note:

1. "Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
2. Cover conflicting pavement markings throughout project limits.
3. Contractors shall provide crossing to pedestrians at each drive.



LEGEND:

Construction Area	Direction of Traffic	Construction Warning Lights, A
Construction Sign	Temporary Channelizing Device	Temporary Concrete Barrier
		Type III Barricades, A or B

NOT FOR CONSTRUCTION

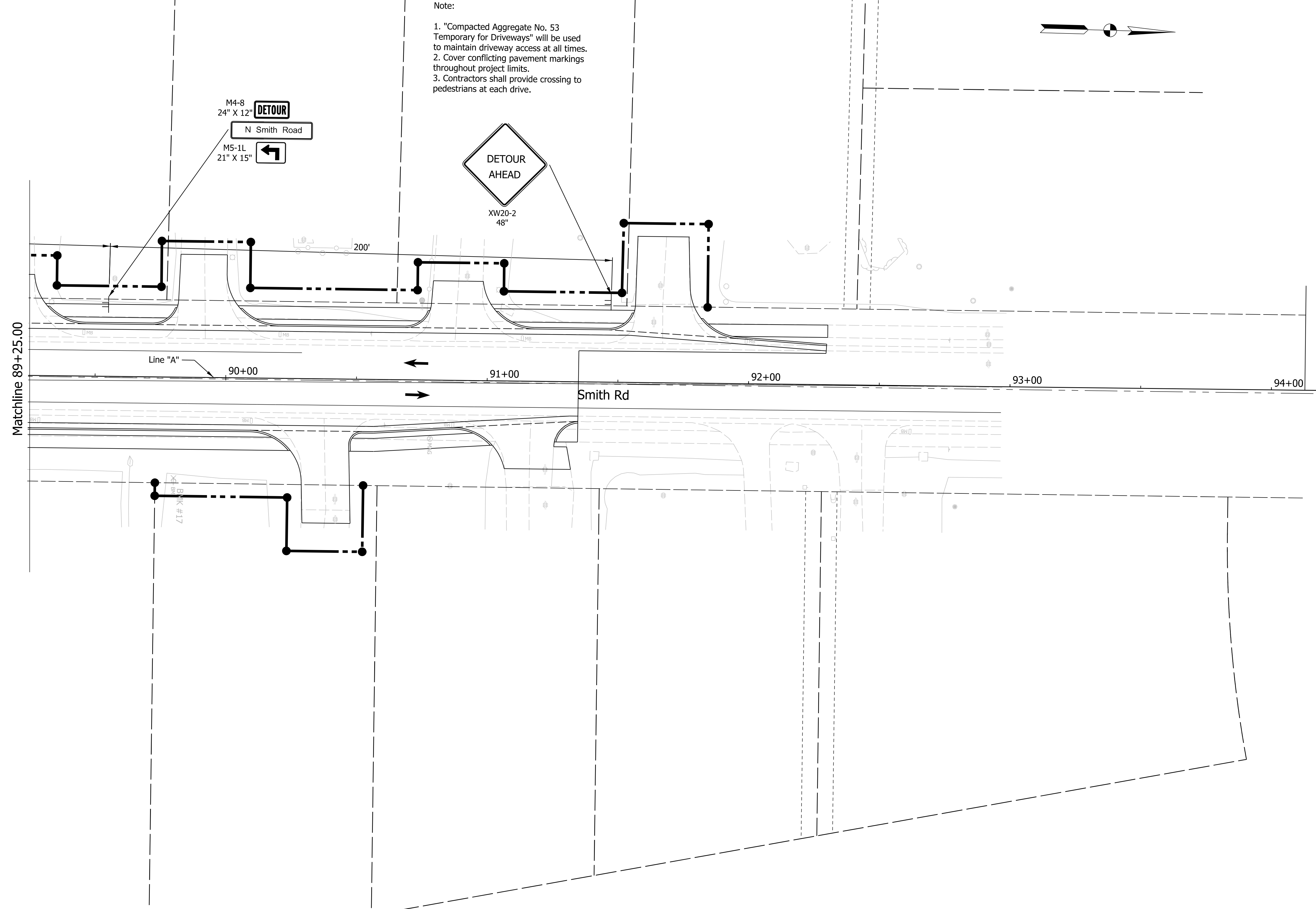
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INDIANA DEPARTMENT OF TRANSPORTATION

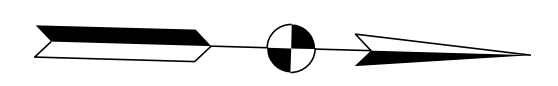
MAINTENANCE OF TRAFFIC PHASE 1B

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	21 of 96
CONTRACT	PROJECT
R-41465	1800208

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Note:
 1. "Compacted Aggregate No. 53 Temporary for Driveways" will be used to maintain driveway access at all times.
 2. Cover conflicting pavement markings throughout project limits.
 3. Contractors shall provide crossing to pedestrians at each drive.



Matchline 89+25.00

Line "A"

90+00

91+00

92+00

93+00

94+00

Smith Rd

Barr #17

200'

LEGEND:

	Construction Area		Direction of Traffic		Construction Warning Lights, A
	Construction Sign		Temporary Channelizing Device		Temporary Pavement Marking
			Type III Barricades, A or B		

NOT FOR CONSTRUCTION

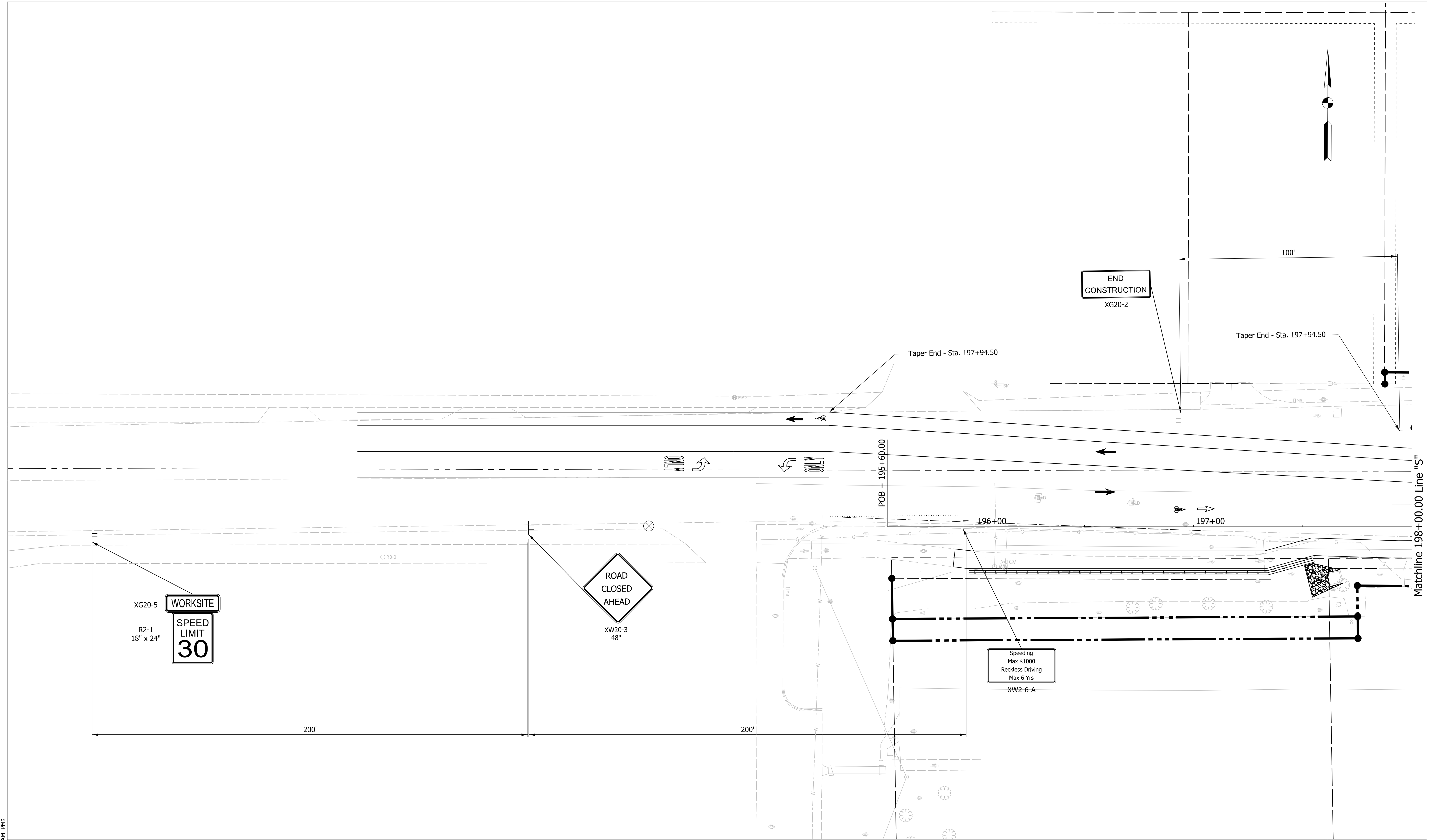
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CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 1B

SCALE	BRIDGE FILE
1"=20"	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	22 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Sheets\ShT_MOT_20_Stg1B_04.dgn



Plot: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg2A_01.dgn

LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Pavement Markings
- Type III Barricades, A or B

NOT FOR CONSTRUCTION

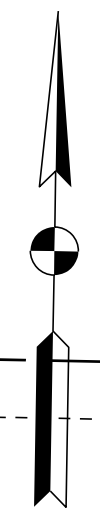
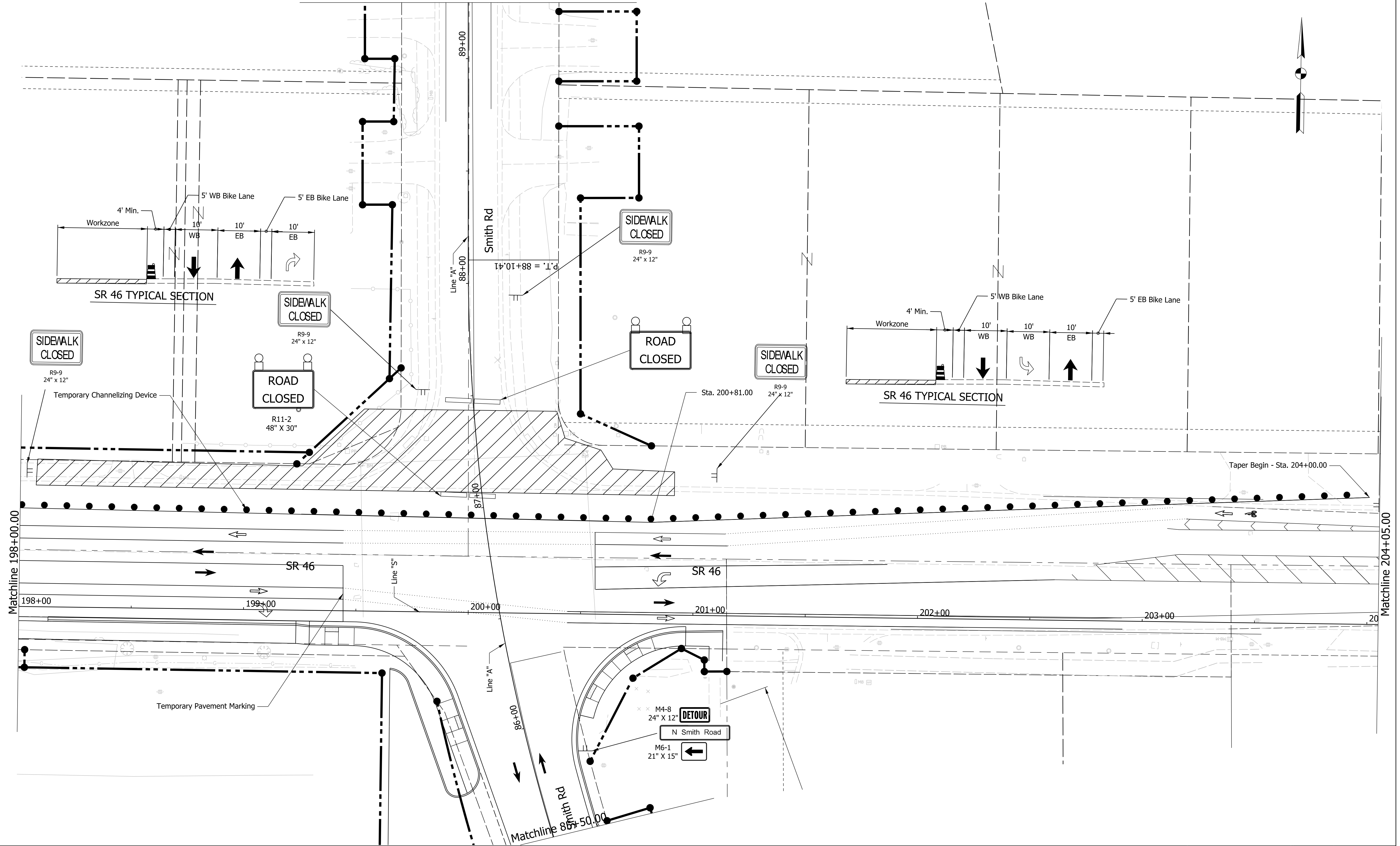
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INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 2A

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	23 of 96
CONTRACT	PROJECT
R-41465	1800208

Matchline 89+25.00



Plot: 18070904-11\Draw\Sheets\Sht_MOT_20_Stg2A_02.dgn

LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Pavement Markings
- Type III Barricades, A or B

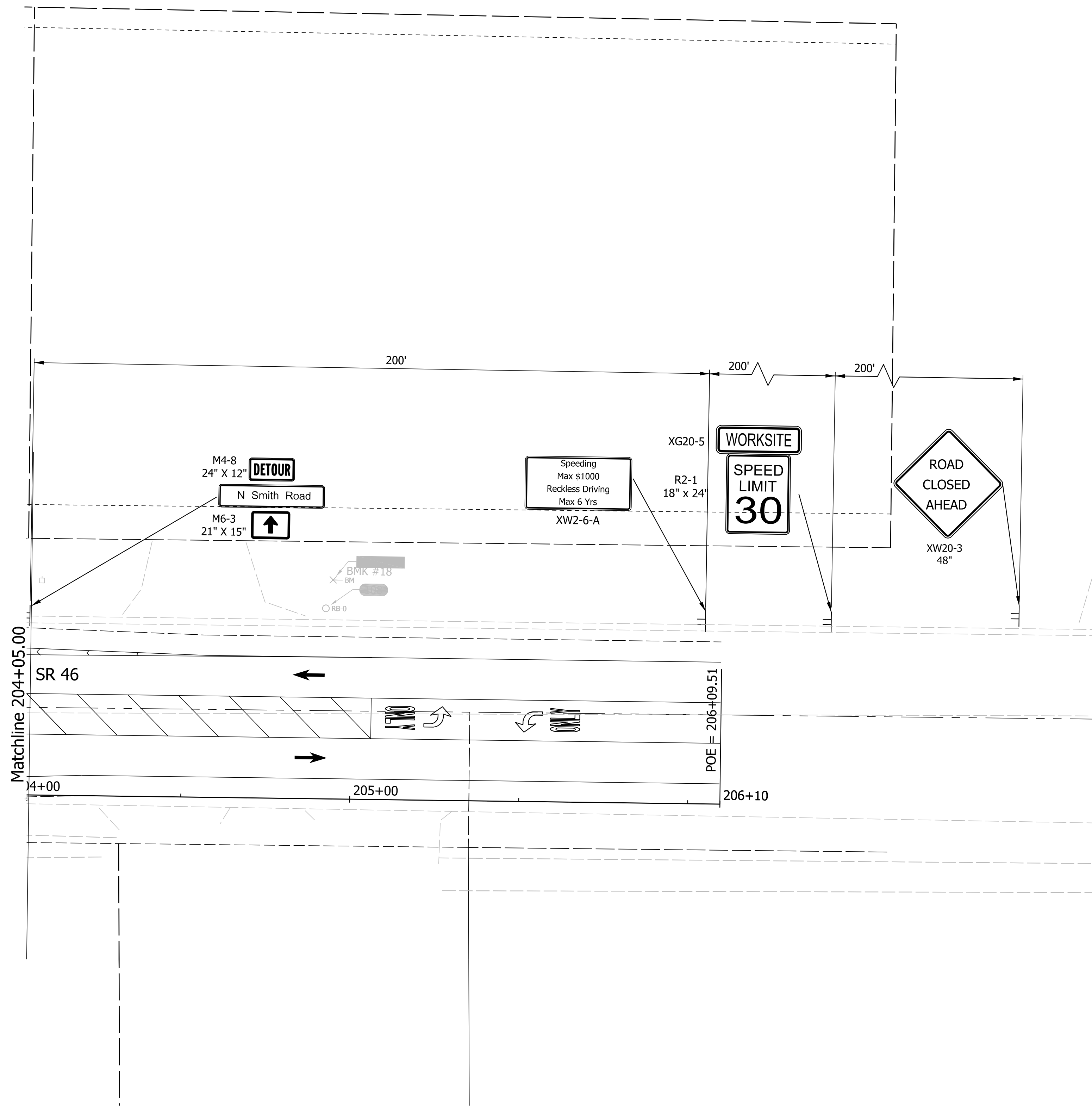
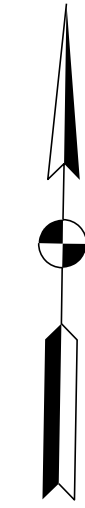
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022 DATE
DESIGNED: \$DESBY\$	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 2A

SCALE 1"=20'	BRIDGE FILE N/A
	DESIGNATION 1800208
SURVEY BOOK Electronic	SHEETS 24 of 96
CONTRACT R-41465	PROJECT 1800208



Plot: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg2A_05.dgn

LEGEND:

	Construction Area		Direction of Traffic		Construction Warning Lights, A
	Construction Sign		Temporary Channelizing Device		Temporary Pavement Markings
			Type III Barricades, A or B		

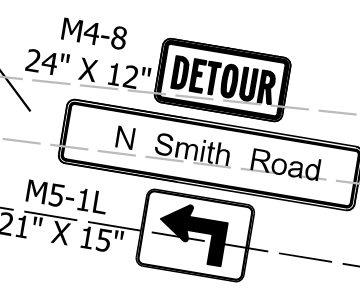
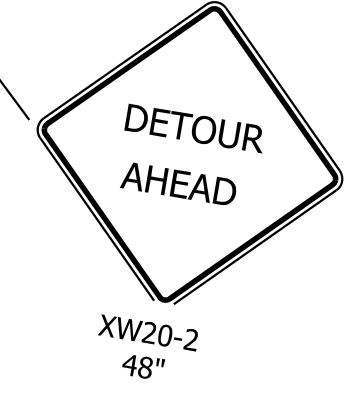
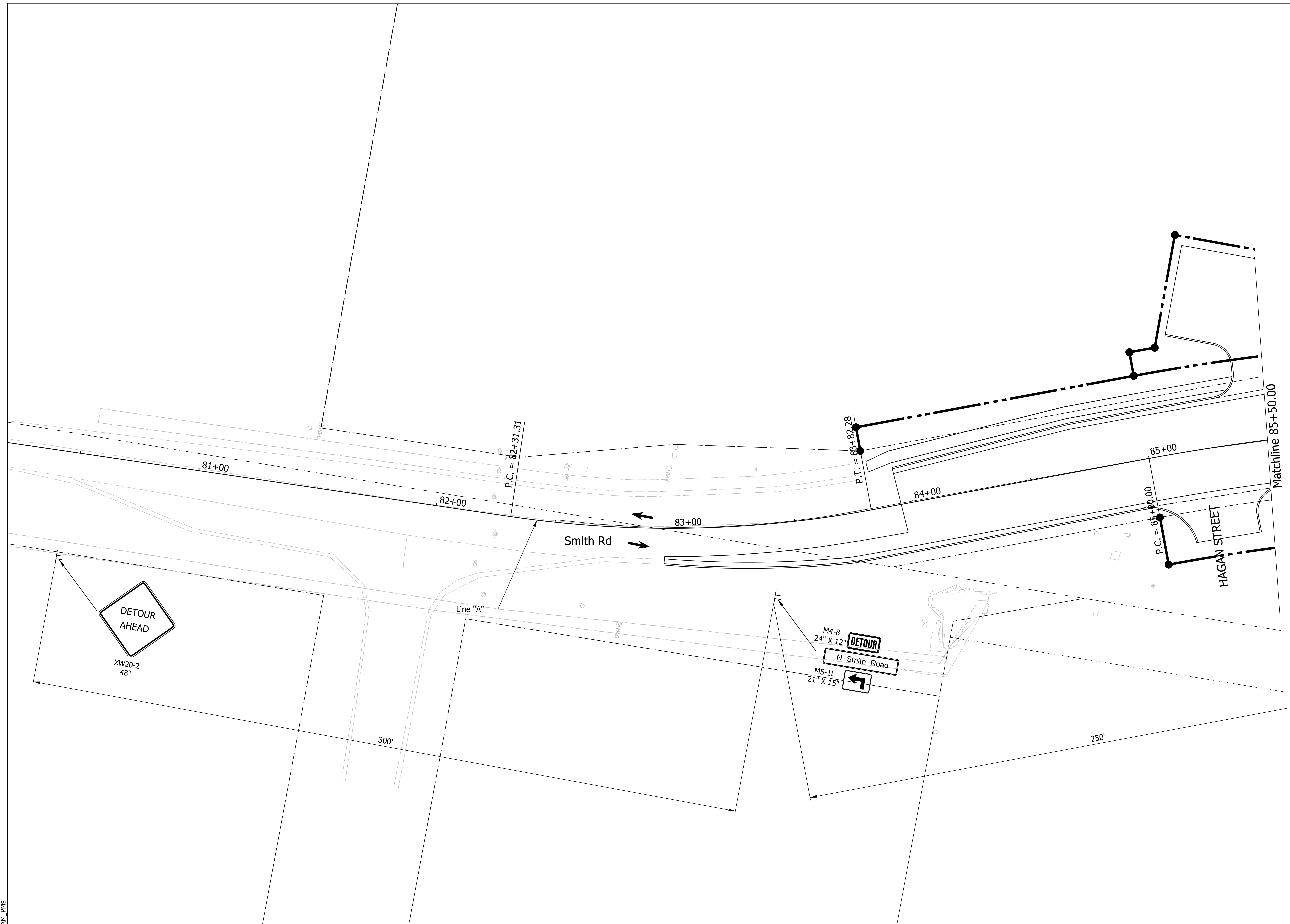
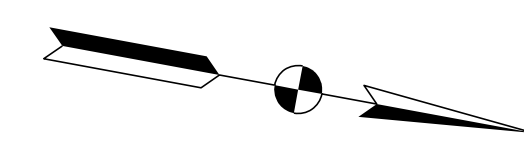
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

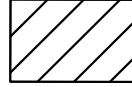





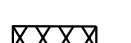
INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 2A

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	25 of 96
CONTRACT	PROJECT
R-41465	1800208



LEGEND:

	Construction Area		Direction of Traffic		Construction Warning Lights, A
	Construction Sign		Temporary Channelizing Device		Temporary Concrete Barrier
			Type III Barricades, A or B		

NOT FOR CONSTRUCTION

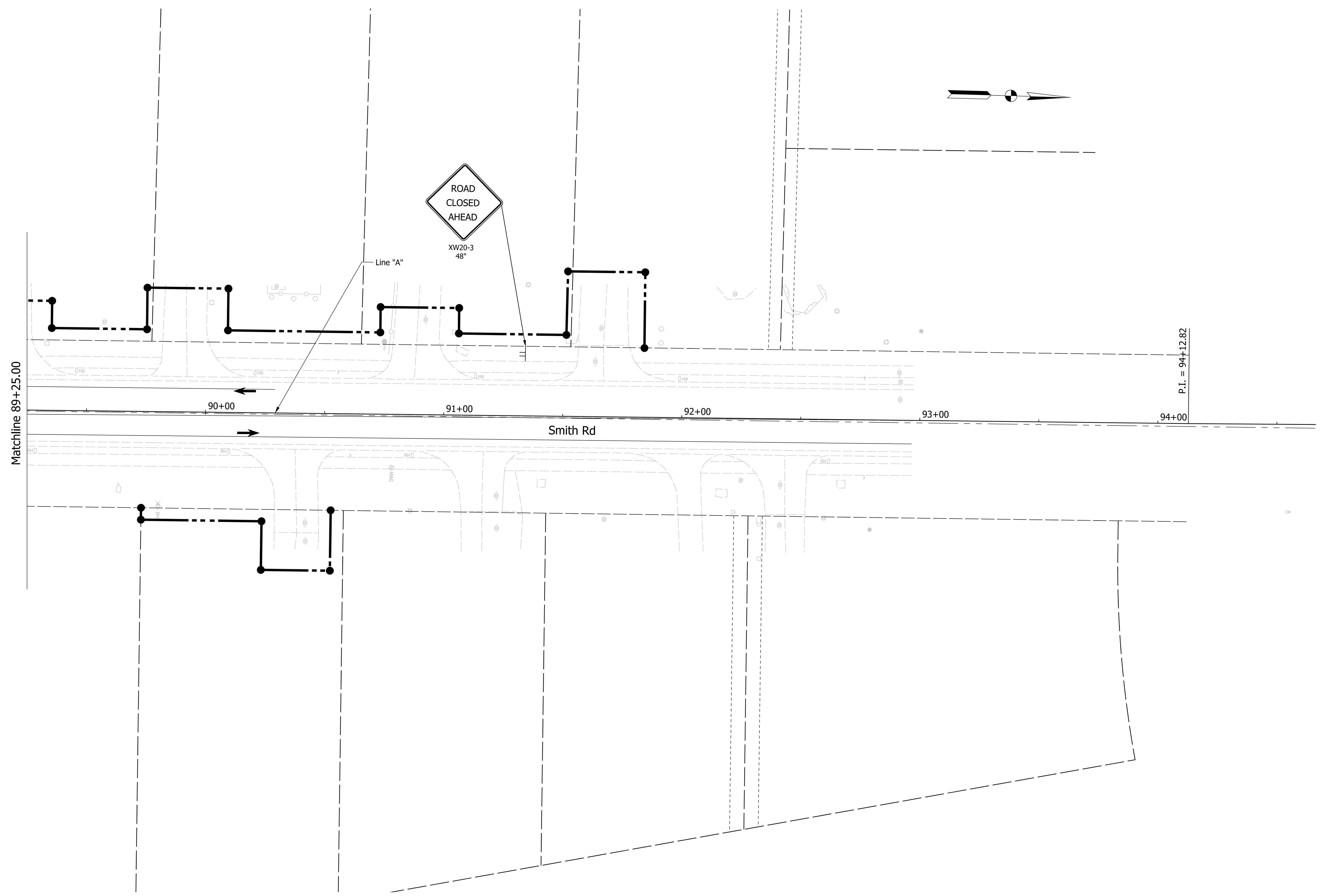
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 2A

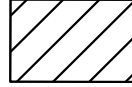





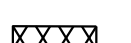
SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	26 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Sheets\ShT_MOT_20_Stg2A_03.dgn



Plot: L:\INDOT\18070904-11\Draw\Sheets\ShT_MOT_20_Stg2A_04.dgn

LEGEND:

	Construction Area		Direction of Traffic		Construction Warning Lights, A
	Construction Sign		Temporary Channelizing Device		Temporary Pavement Marking
			Type III Barricades, A or B		

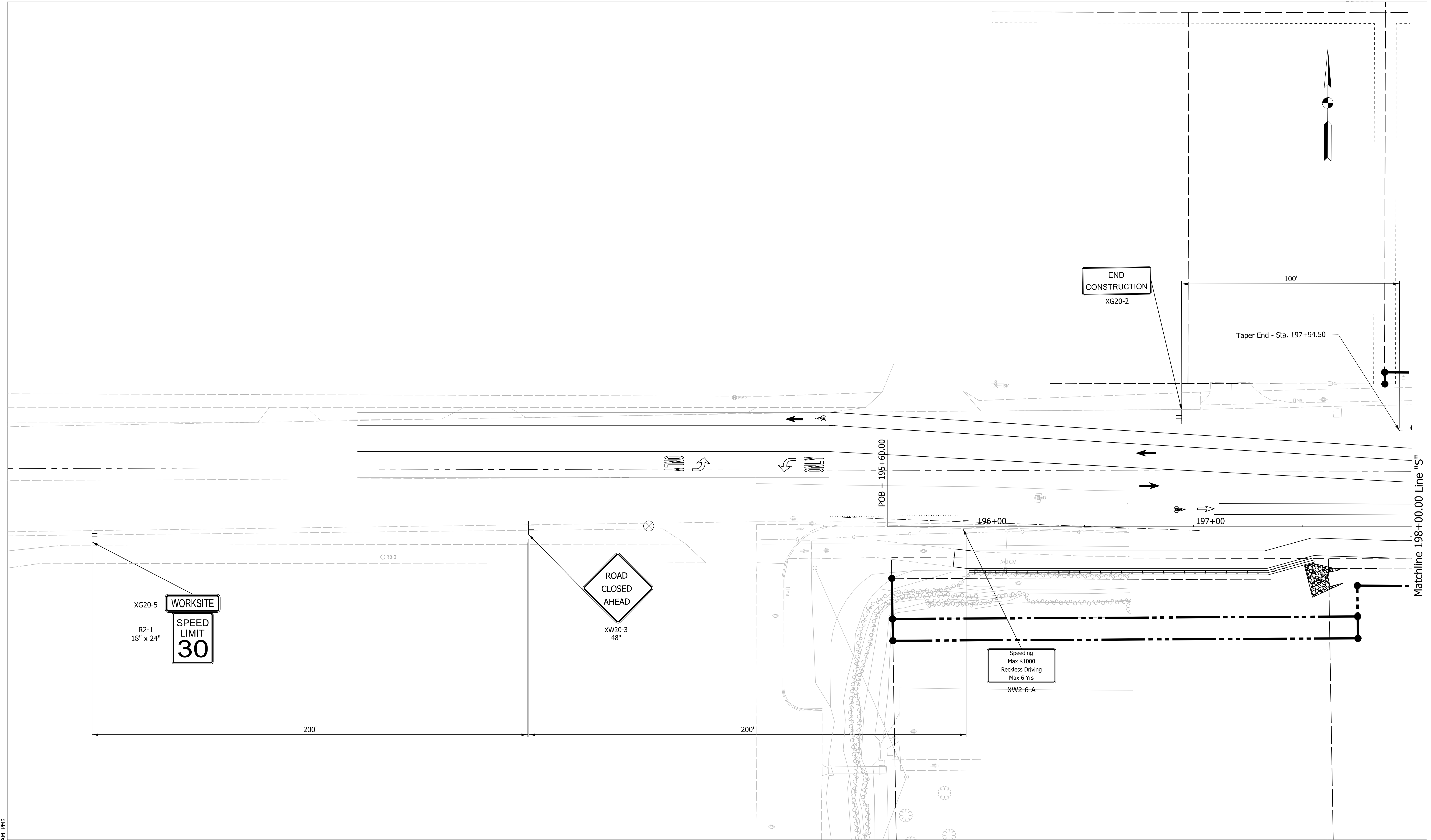
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 2A

SCALE	BRIDGE FILE
1"=20"	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	27 of 96
CONTRACT	PROJECT
R-41465	1800208



Plot Date: 6/7/2022 11:54 AM

LEGEND:

- Construction Area
- Direction of Traffic
- Construction Warning Lights, A
- Construction Sign
- Temporary Channelizing Device
- Temporary Pavement Markings
- Type III Barricades, A or B

NOT FOR CONSTRUCTION

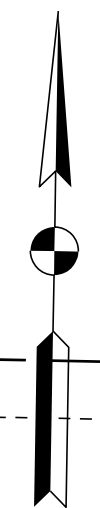
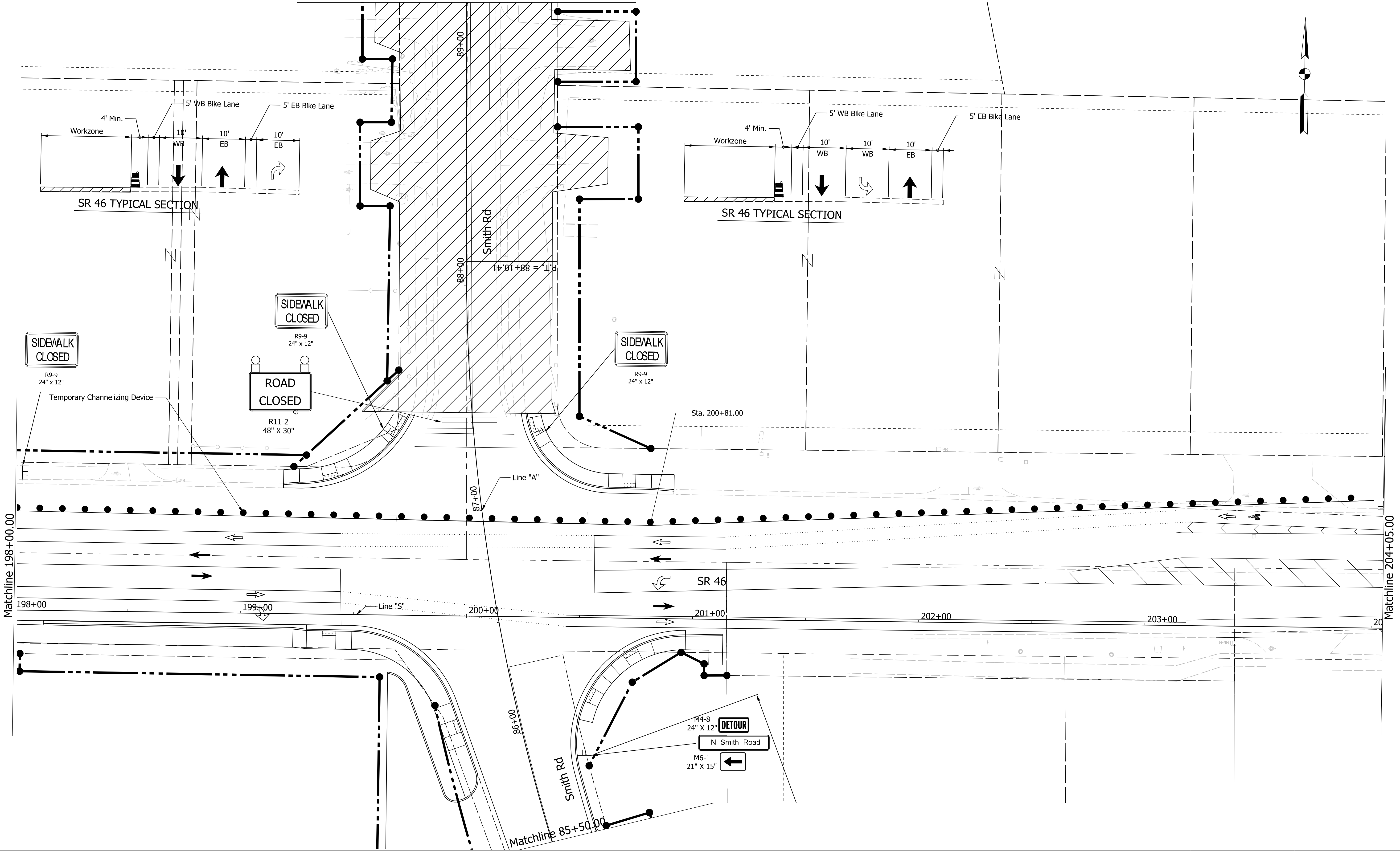
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		6/7/2022	
				DATE	
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022		
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022		

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 2B

SCALE 1"=20'	BRIDGE FILE N/A
	DESIGNATION 1800208
SURVEY BOOK Electronic	SHEETS 28 of 96
CONTRACT R-41465	PROJECT 1800208

Matchline 89+25.00



PLOT DATE: 6/7/2022 11:54 AM

LEGEND:

	Construction Area		Direction of Traffic		Construction Warning Lights, A
	Construction Sign		Temporary Channelizing Device		Temporary Pavement Markings
			Type III Barricades, A or B		

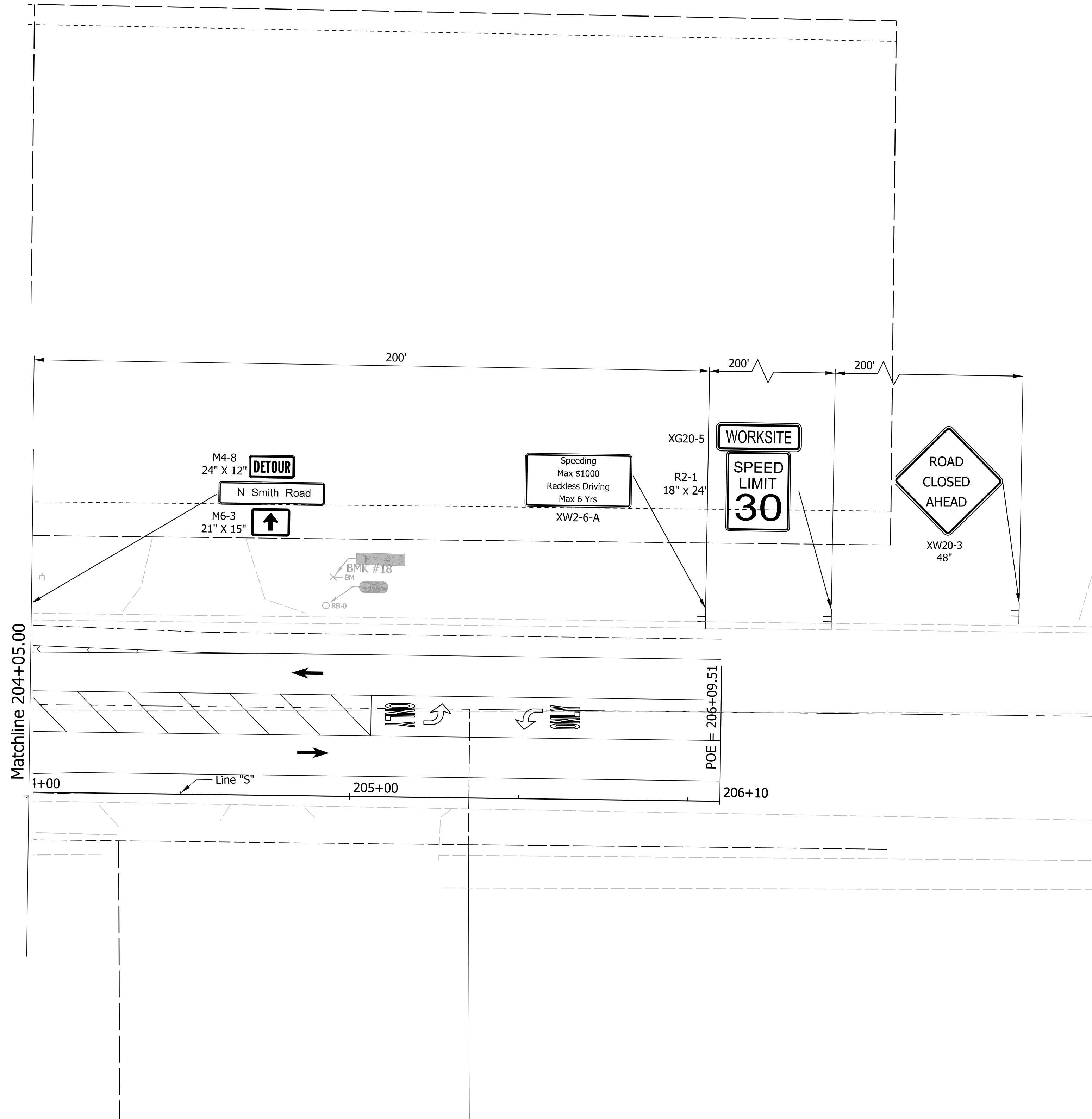
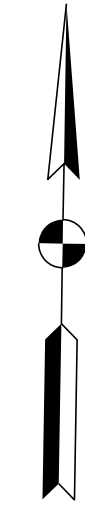
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
		DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
		6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$
		6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 2B

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	29 of 96
CONTRACT	PROJECT
R-41465	1800208



Plot: L:\INDOT\18070904-11\Draw\Sheets\Sht_MOT_20_Stg2B_05.dgn

LEGEND:

	Construction Area		Direction of Traffic		Construction Warning Lights, A
	Construction Sign		Temporary Channelizing Device		Temporary Pavement Markings
			Type III Barricades, A or B		

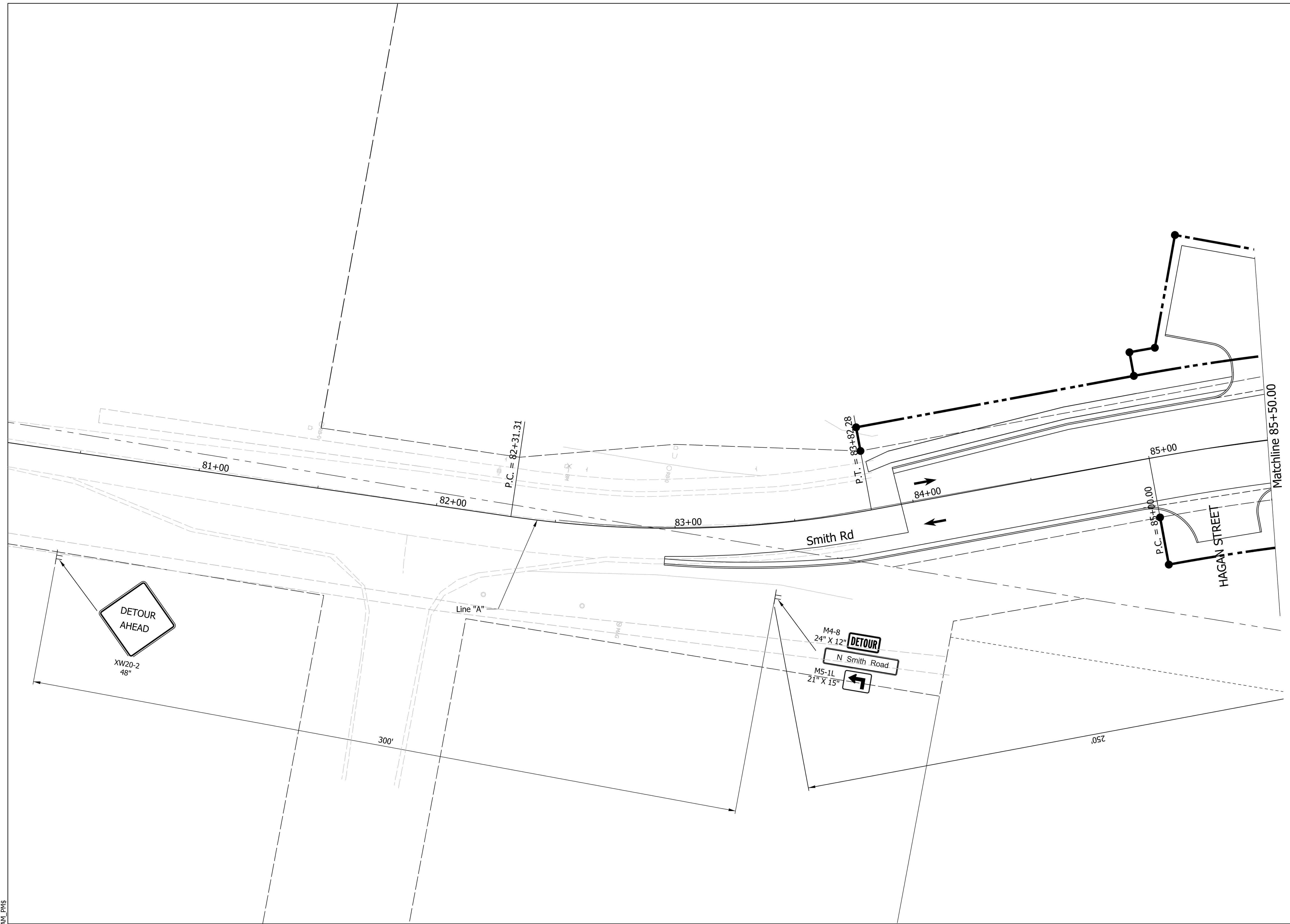
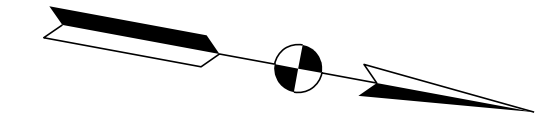
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

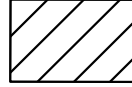





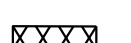
INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 2B

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	30 of 96
CONTRACT	PROJECT
R-41465	1800208



LEGEND:

	Construction Area		Direction of Traffic		Construction Warning Lights, A
	Construction Sign		Temporary Channelizing Device		Temporary Concrete Barrier
			Type III Barricades, A or B		

NOT FOR CONSTRUCTION

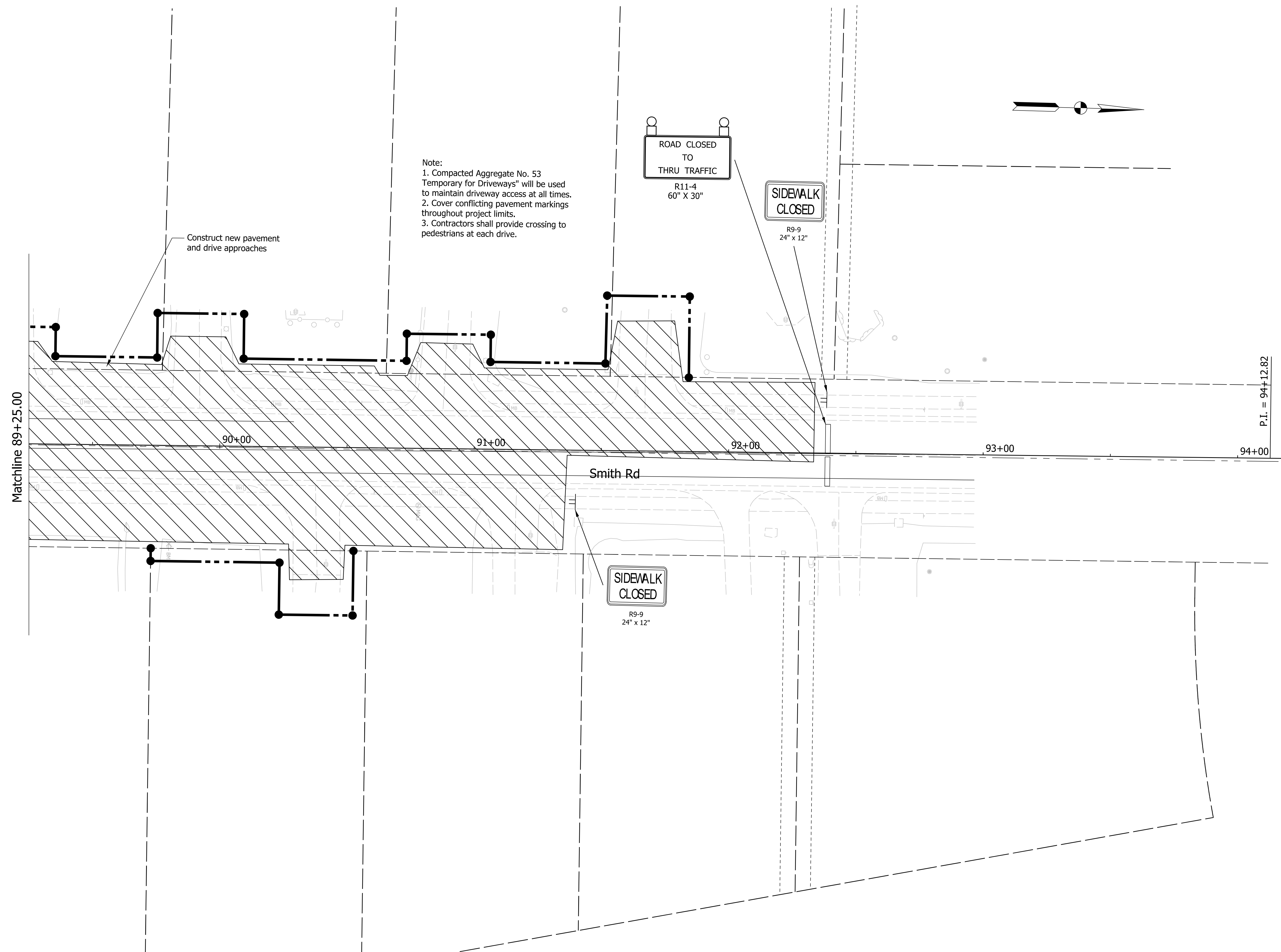
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 2B

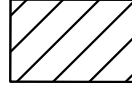





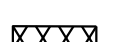
SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	31 of 96
CONTRACT	PROJECT
R-41465	1800208

PlotPLOT_DWRITE_TITLES_\$AM_PMS



Plot: L:\INDOT\18070904-11\Draw\Sheets\ShT_MOT_20_Stg2B_04.dgn

LEGEND:

	Construction Area		Direction of Traffic		Construction Warning Lights, A
	Construction Sign		Temporary Channelizing Device		Temporary Pavement Marking
			Type III Barricades, A or B		

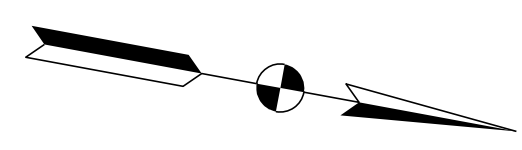
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE 2B

SCALE	BRIDGE FILE
1"=20"	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	32 of 96
CONTRACT	PROJECT
R-41465	1800208

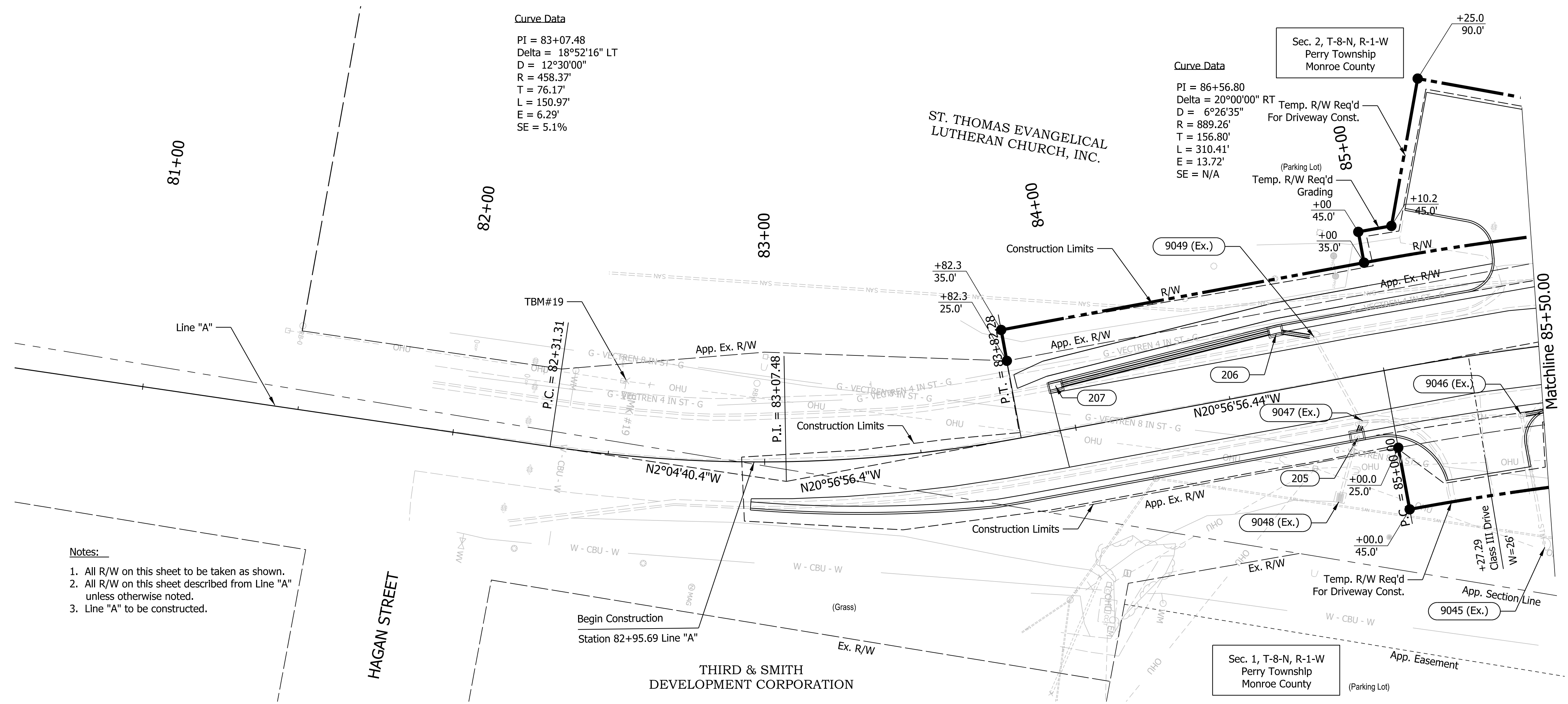


Curve Data

PI = 83+07.48
 Delta = 18°52'16" LT
 D = 12°30'00"
 R = 458.37'
 T = 76.17'
 L = 150.97'
 E = 6.29'
 SE = 5.1%

Curve Data

PI = 86+56.80
 Delta = 20°00'00" RT
 D = 6°26'35"
 R = 889.26'
 T = 156.80'
 L = 310.41'
 E = 13.72'
 SE = N/A



Notes:

1. All R/W on this sheet to be taken as shown.
2. All R/W on this sheet described from Line "A" unless otherwise noted.
3. Line "A" to be constructed.

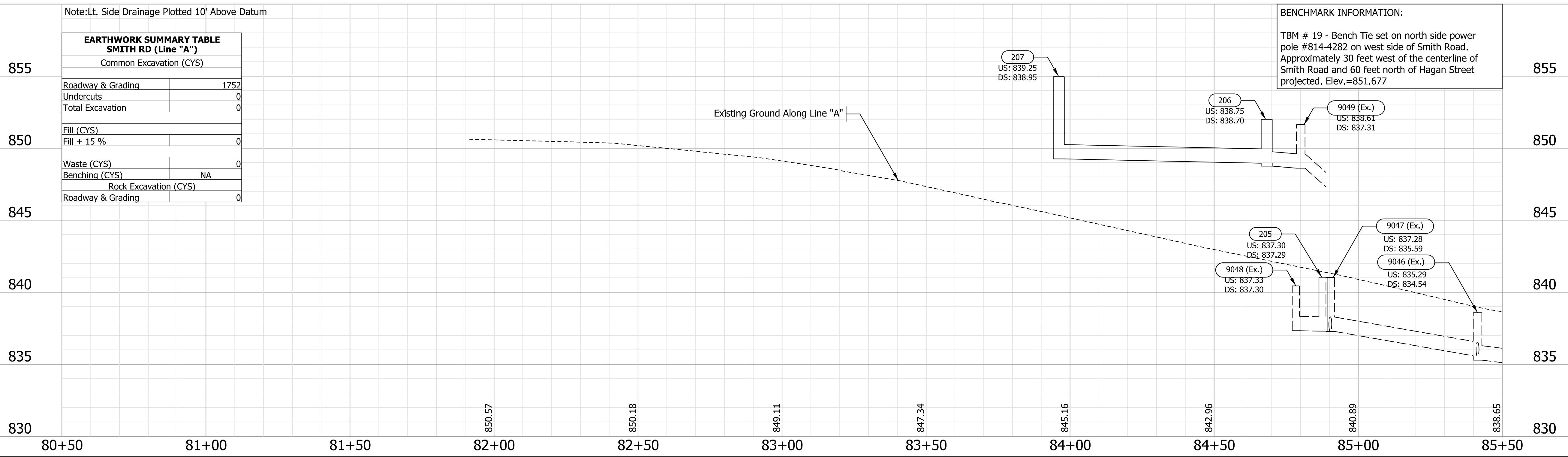
Begin Construction
 Station 82+95.69 Line "A"

Note: Lt. Side Drainage Plotted 10' Above Datum

EARTHWORK SUMMARY TABLE	
SMITH RD (Line "A")	
Common Excavation (CYS)	
Roadway & Grading	1752
Undercuts	0
Total Excavation	0
Fill (CYS)	
Fill + 15 %	0
Waste (CYS)	
Benching (CYS)	NA
Rock Excavation (CYS)	
Roadway & Grading	0

BENCHMARK INFORMATION:

TBM # 19 - Bench Tie set on north side power pole #814-4282 on west side of Smith Road. Approximately 30 feet west of the centerline of Smith Road and 60 feet north of Hagan Street projected. Elev.=851.677



NOT FOR CONSTRUCTION

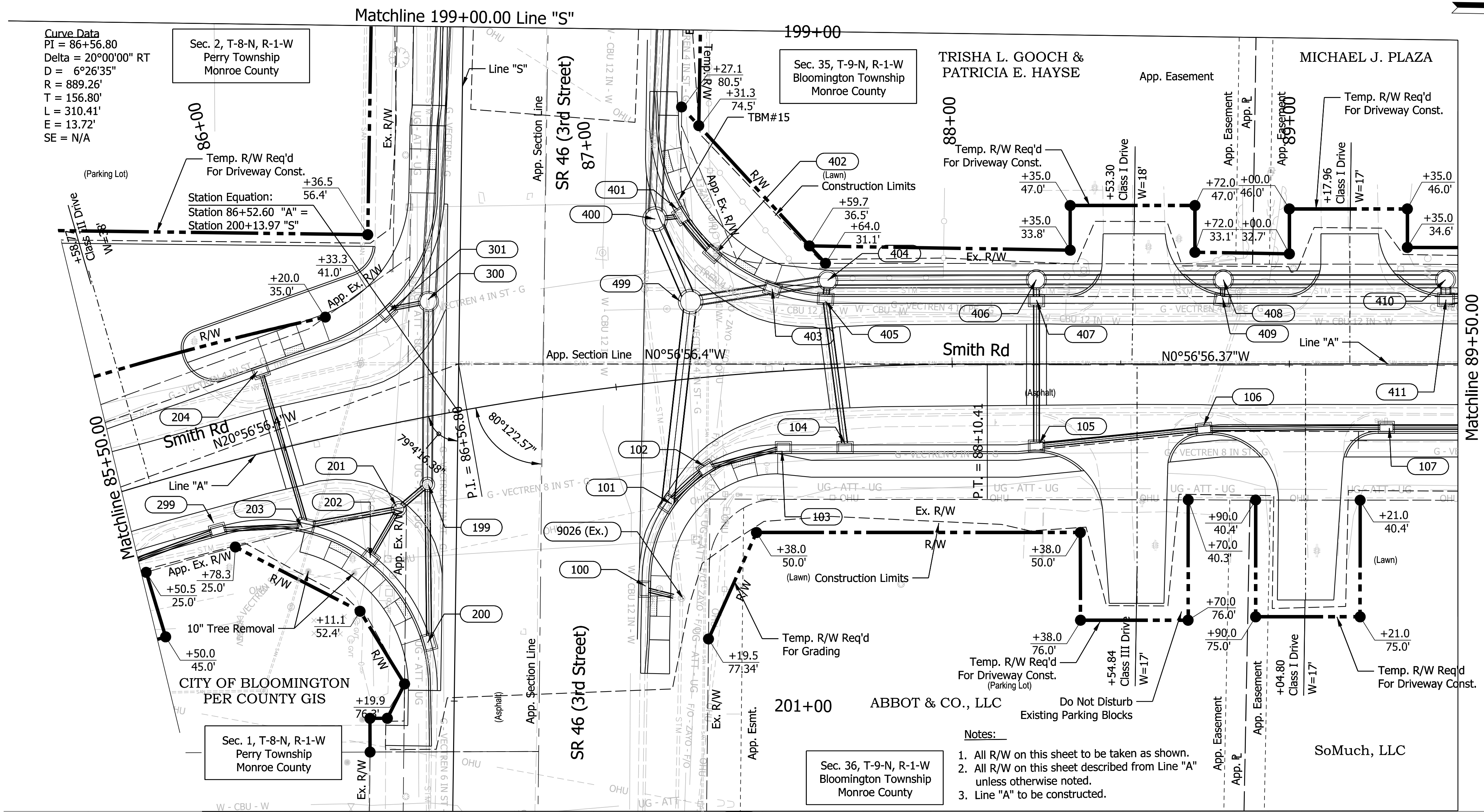
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CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
 Sta. 81+50.00 to 85+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	33 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Sheets\Sht_PP_20_01.dgn



Curve Data
 PI = 86+56.80
 Delta = 20°00'00" RT
 D = 6°26'35"
 R = 889.26'
 T = 156.80'
 L = 310.41'
 E = 13.72'
 SE = N/A

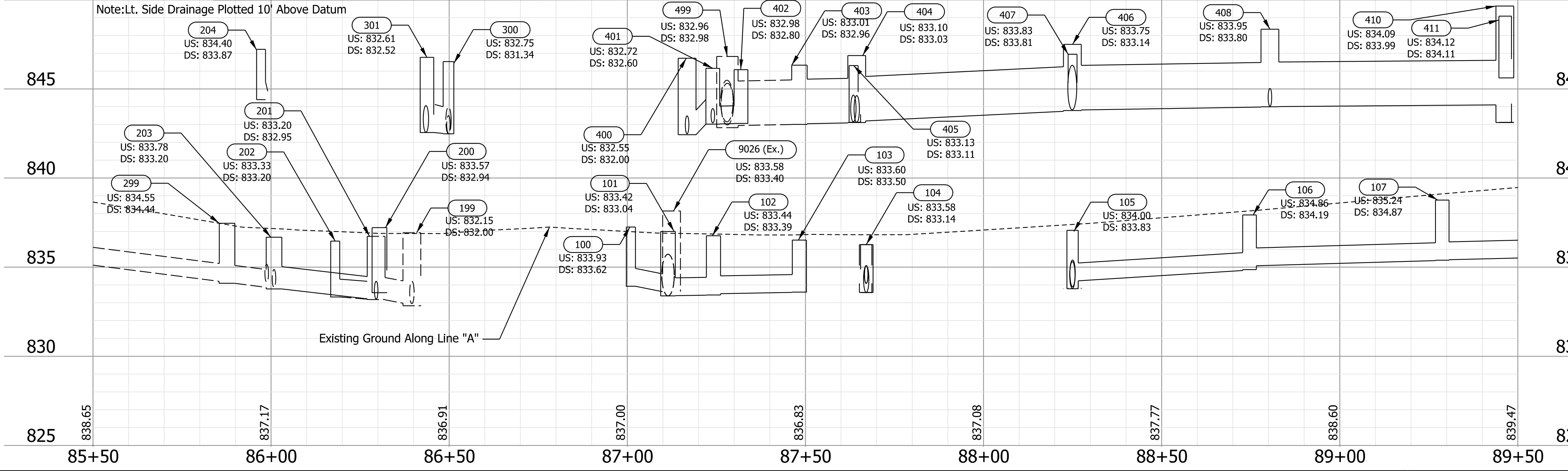
Sec. 2, T-8-N, R-1-W
 Perry Township
 Monroe County

Sec. 35, T-9-N, R-1-W
 Bloomington Township
 Monroe County

Sec. 1, T-8-N, R-1-W
 Perry Township
 Monroe County

Sec. 36, T-9-N, R-1-W
 Bloomington Township
 Monroe County

BENCHMARK INFORMATION:
 TBM # 15 - Cut "X" on SW bolt of traffic signal strain pole. Located at the NW intersection of E. 3rd Street and N. Smith. Approximately 50 feet west of the centerline of W. Smith and 30 feet north of the centerline of 3rd Street. Elev.=837.965



- Notes:**
1. All R/W on this sheet to be taken as shown.
 2. All R/W on this sheet described from Line "A" unless otherwise noted.
 3. Line "A" to be constructed.

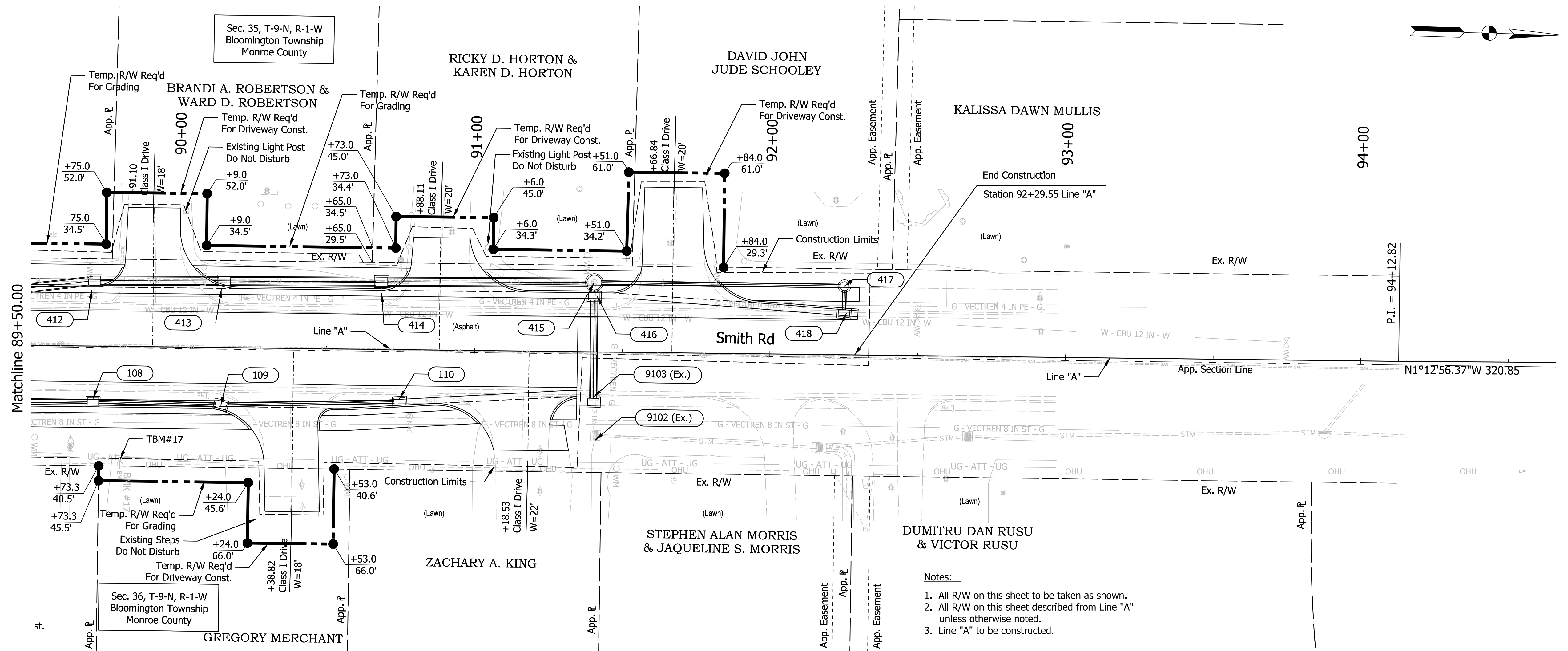
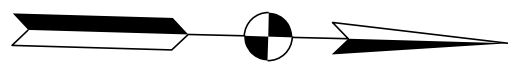
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$ 6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$ 6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION
 PLAN AND PROFILE
 Sta. 85+50.00 to 89+50.00 Line "A"

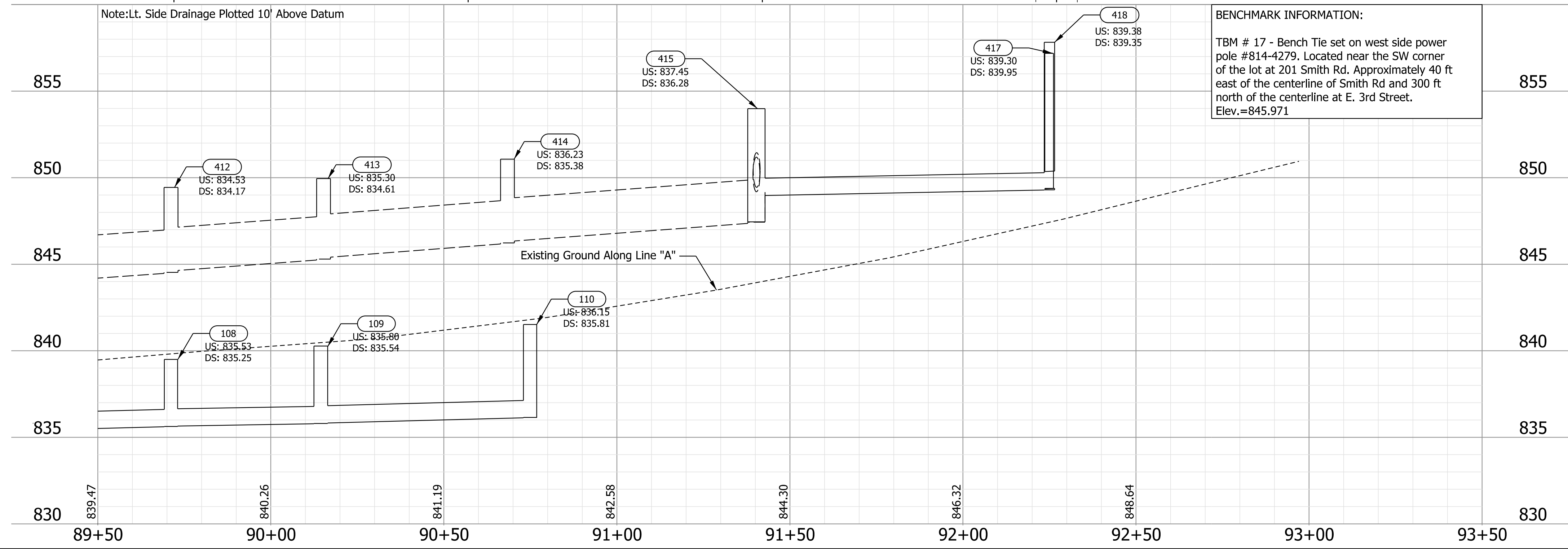
SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	34 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Sheets\Sht_PP_20_02.dgn



- Notes:
1. All R/W on this sheet to be taken as shown.
 2. All R/W on this sheet described from Line "A" unless otherwise noted.
 3. Line "A" to be constructed.

- Notes:
1. All R/W on this sheet to be taken as shown.
 2. All R/W on this sheet described from Line "A" unless otherwise noted.
 3. Line "A" to be constructed.



BENCHMARK INFORMATION:
 TBM # 17 - Bench Tie set on west side power pole #814-4279. Located near the SW corner of the lot at 201 Smith Rd. Approximately 40 ft east of the centerline of Smith Rd and 300 ft north of the centerline at E. 3rd Street. Elev.=845.971

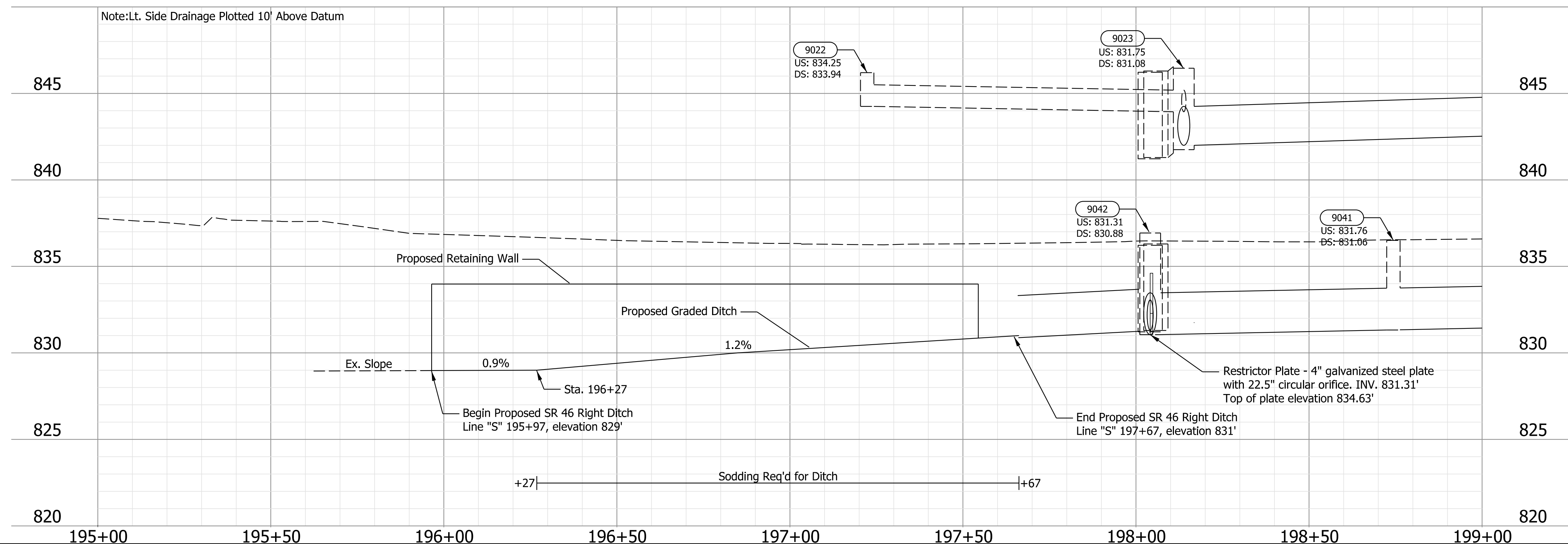
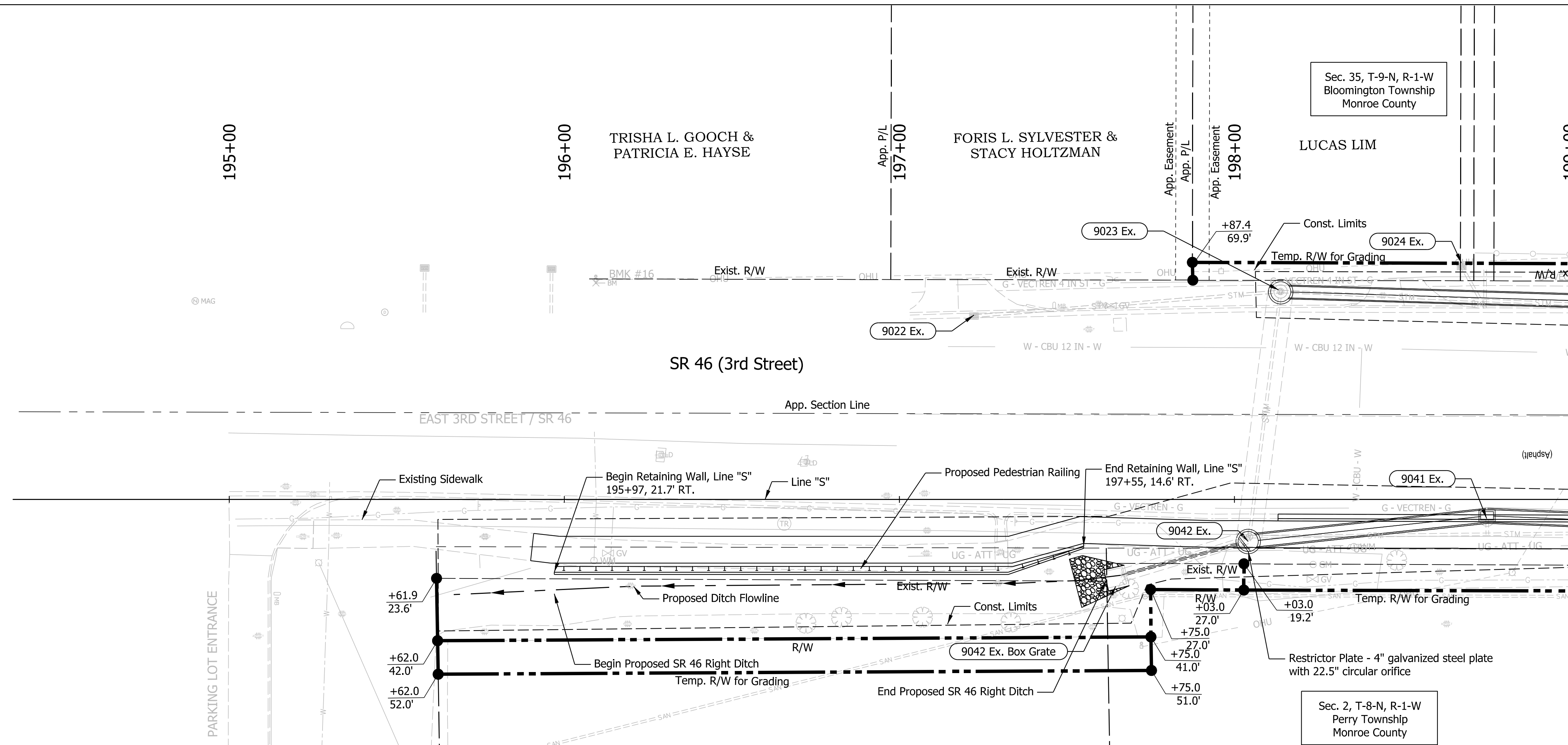
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
		DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
		6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$
		6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
 Sta. 89+50.00 to 93+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20"	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	35 of 96
CONTRACT	PROJECT
R-41465	1800208



Plot Date: 6/7/2022 11:54 AM

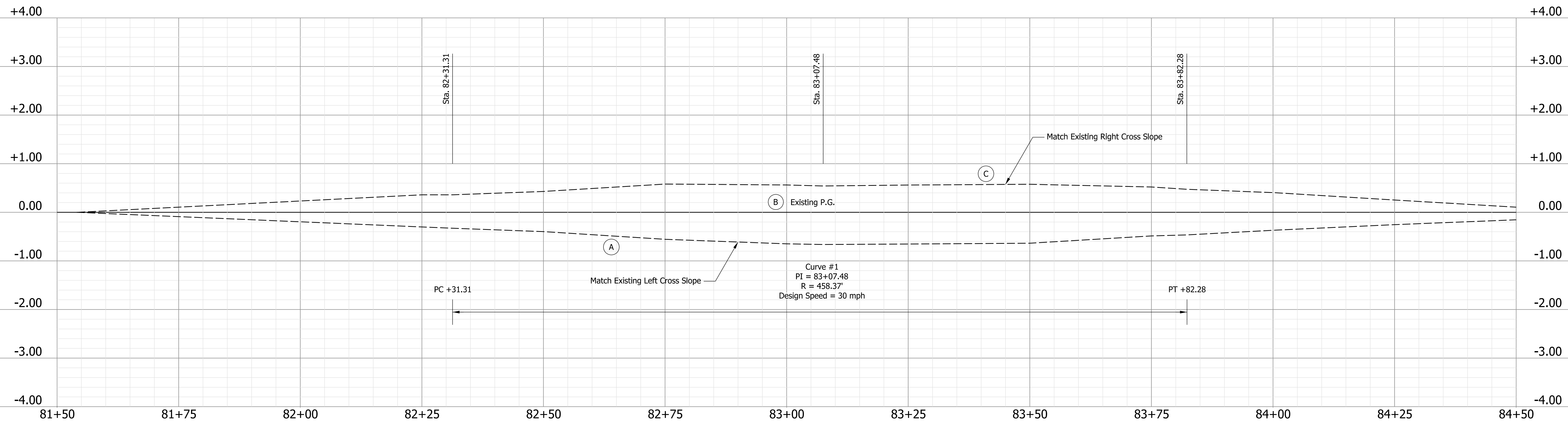
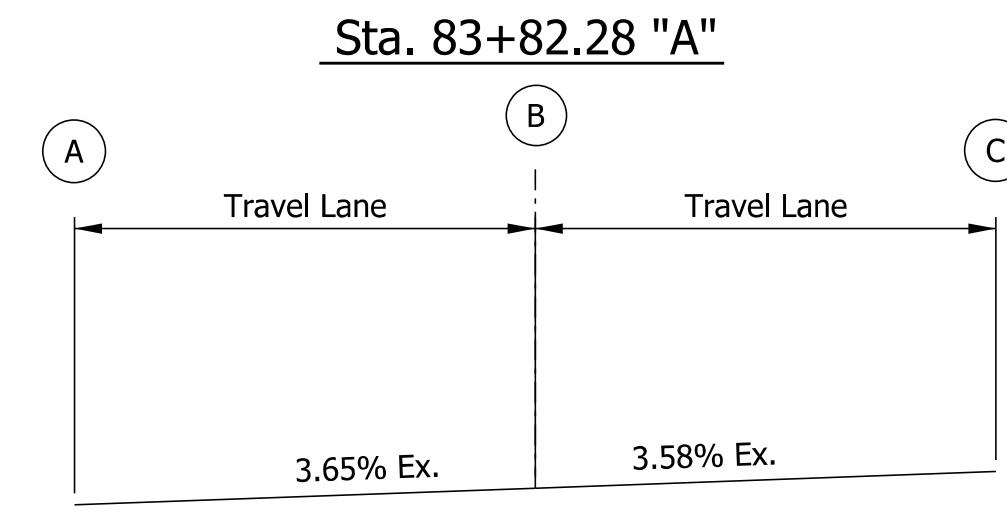
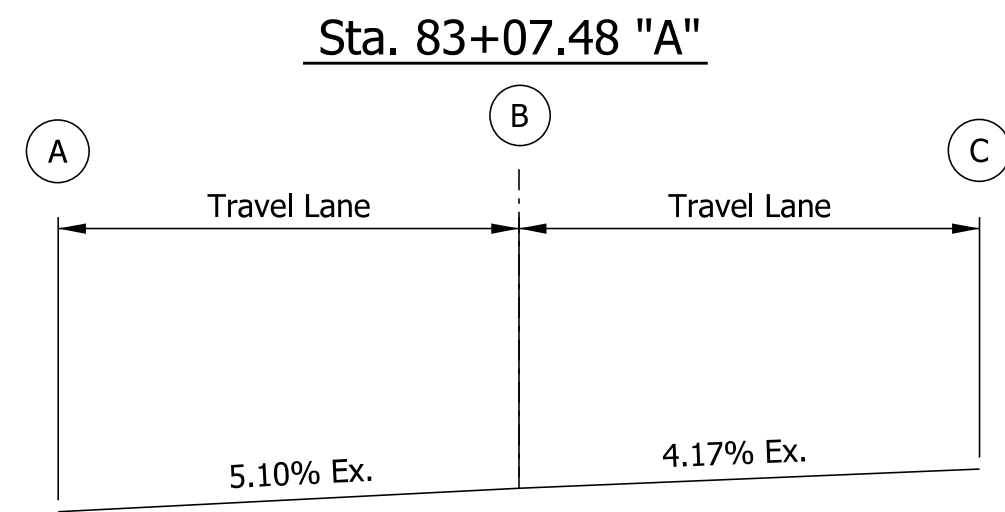
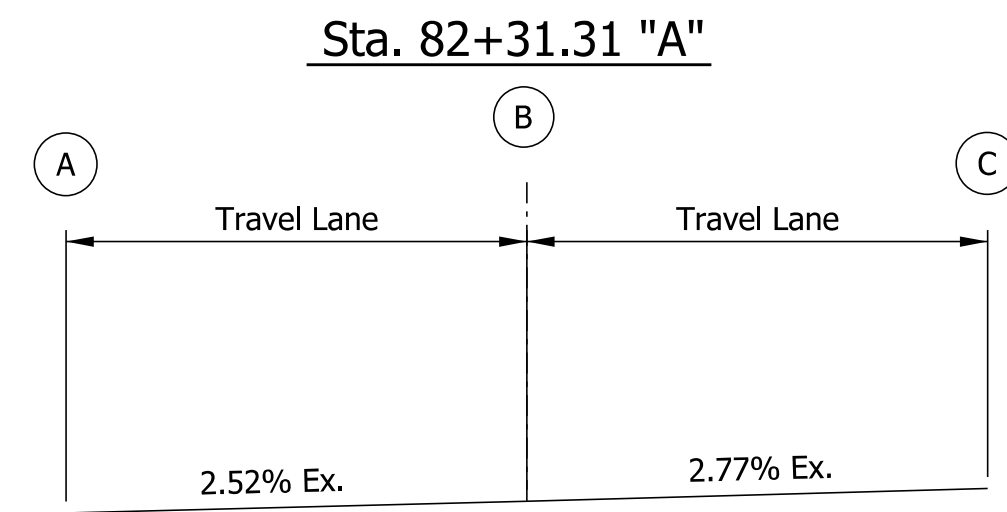
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
Sta. 195+00.00 to 199+00.00 Line "S"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	of
CONTRACT	PROJECT
R-41465	1800208



Plot Times: 5:41 PM

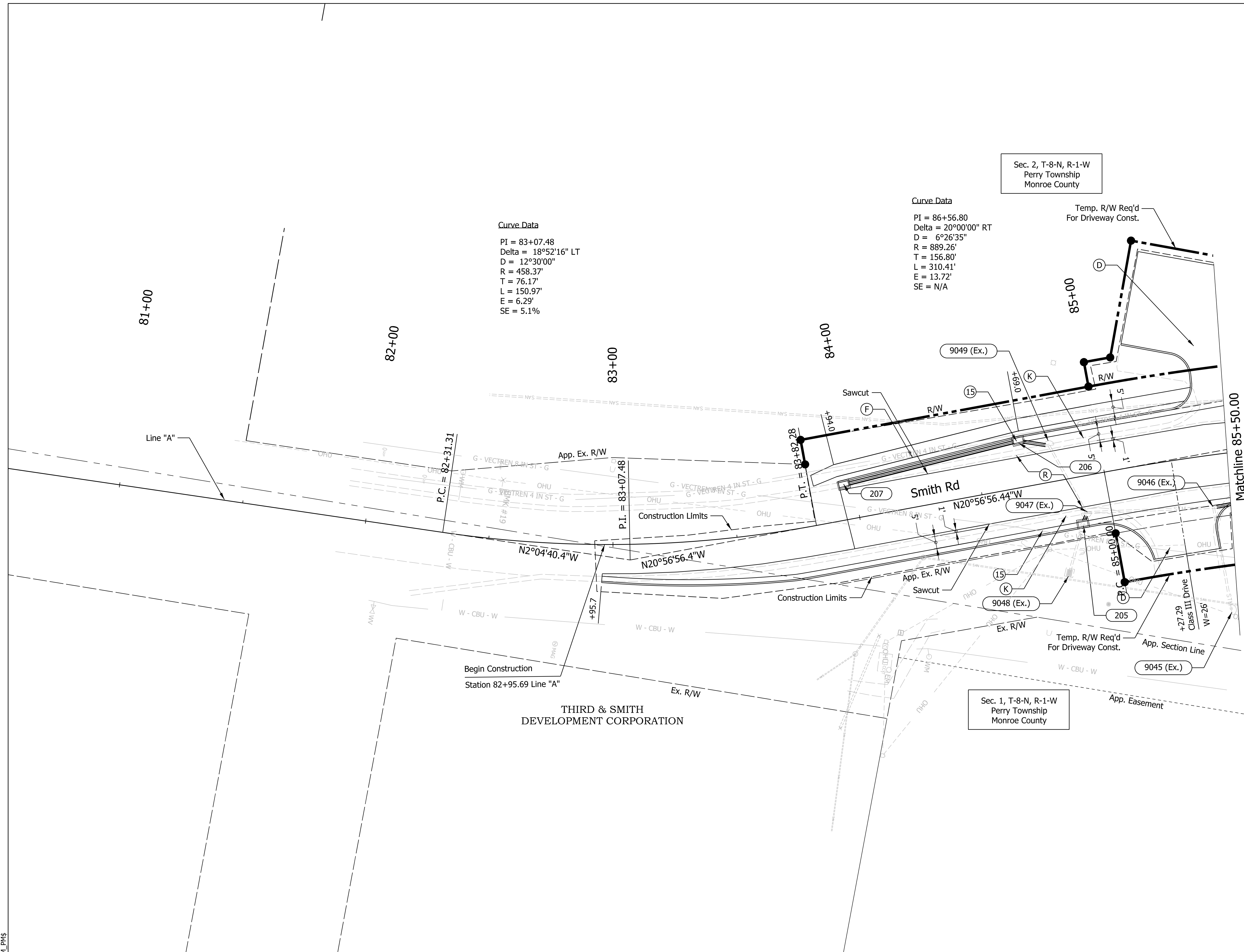
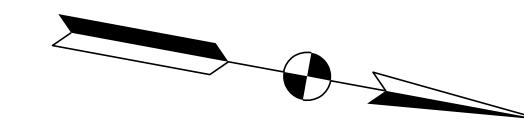
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DETAILS

SCALE	BRIDGE FILE
1"=10'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	37 of 96
CONTRACT	PROJECT
R-41465	1800208



Curve Data
 P.I. = 83+07.48
 Delta = 18°52'16" LT
 D = 12°30'00"
 R = 458.37'
 T = 76.17'
 L = 150.97'
 E = 6.29'
 SE = 5.1%

Curve Data
 P.I. = 86+56.80
 Delta = 20°00'00" RT
 D = 6°26'35"
 R = 889.26'
 T = 156.80'
 L = 310.41'
 E = 13.72'
 SE = N/A

Sec. 2, T-8-N, R-1-W
 Perry Township
 Monroe County

Sec. 1, T-8-N, R-1-W
 Perry Township
 Monroe County

- 205 Line "A"
Sta. 84+88.00, 18.6', Rt.
Inlet, C15
2' of 12" Type 2 Pipe
U.S. Inv. 837.30
D.S. Inv. 837.29
- 206 Line "A"
Sta. 84+68.00, 18.5', Lt.
Inlet, C15
9' of 12" Type 2 Pipe
U.S. Inv. 838.75
D.S. Inv. 838.70
- 207 Line "A"
Sta. 83+96.00, 14.2', Lt.
Inlet, B15
69' of 12" Type 2 Pipe
U.S. Inv. 839.25
D.S. Inv. 838.95
- 9045 (Ex.) Line "A"
Sta. 85+42.00, 62.6', Rt.
Existing Curb Inlet
38' of Ex. 12" HDPE
U.S. Inv. 836.61
D.S. Inv. 835.54
- 9046 (Ex.) Line "A"
Sta. 85+42.00, 21.0', Rt.
Existing Manhole
54' of Ex. 12" HDPE
U.S. Inv. 839.29
D.S. Inv. 833.91
- 9047 (Ex.) Line "A"
Sta. 84+90.00, 15.0', Rt.
Existing Curb Inlet
48' of Ex. 12" HDPE
U.S. Inv. 837.28
D.S. Inv. 835.59
- 9048 (Ex.) Line "A"
Sta. 84+78.00, 38.7', Rt.
Existing Drop Inlet
19' of Ex. 12" HDPE
U.S. Inv. 837.33
D.S. Inv. 837.31
- 9049 (Ex.) Line "A"
Sta. 84+80.00, 14.1', Lt.
Existing Drop Inlet
28' of Ex. 12" HDPE
U.S. Inv. 838.61
D.S. Inv. 837.31

LEGEND		
(K)	FULL DEPTH HMA COMPOSED OF: 165 lb/syd QC/QA - HMA, 3, 70, SURFACE, 12.5 mm 440 lb/syd QC/QA - HMA, 3, 70, INTERMEDIATE, 12.5 mm 440 lb/syd QC/QA - HMA, 3, 70, BASE, 25.0 mm	(D) HMA FOR APPROACHES, TYPE C
(R)	MILL AND OVERLAY, 1.5" COMPOSED OF: 165 lb/syd QC/QA - HMA, 3, 70, SURFACE, 12.5 mm	(C) DRIVE, CONCRETE COMPOSED OF: PCCP For Approaches, 6 in. Dense Graded Subbase, 6 in. Subgrade Treatment Type II
		(P) HMA PATCHING, TYPE C
		(O) COMPACTED AGGREGATE, NO. 53
		(15) CURB AND GUTTER, CONCRETE
		(F) SIDEWALK, CONCRETE
		(S) SUBGRADE TREATMENT, TYPE IC

NOT FOR CONSTRUCTION

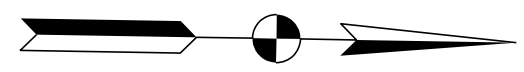
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

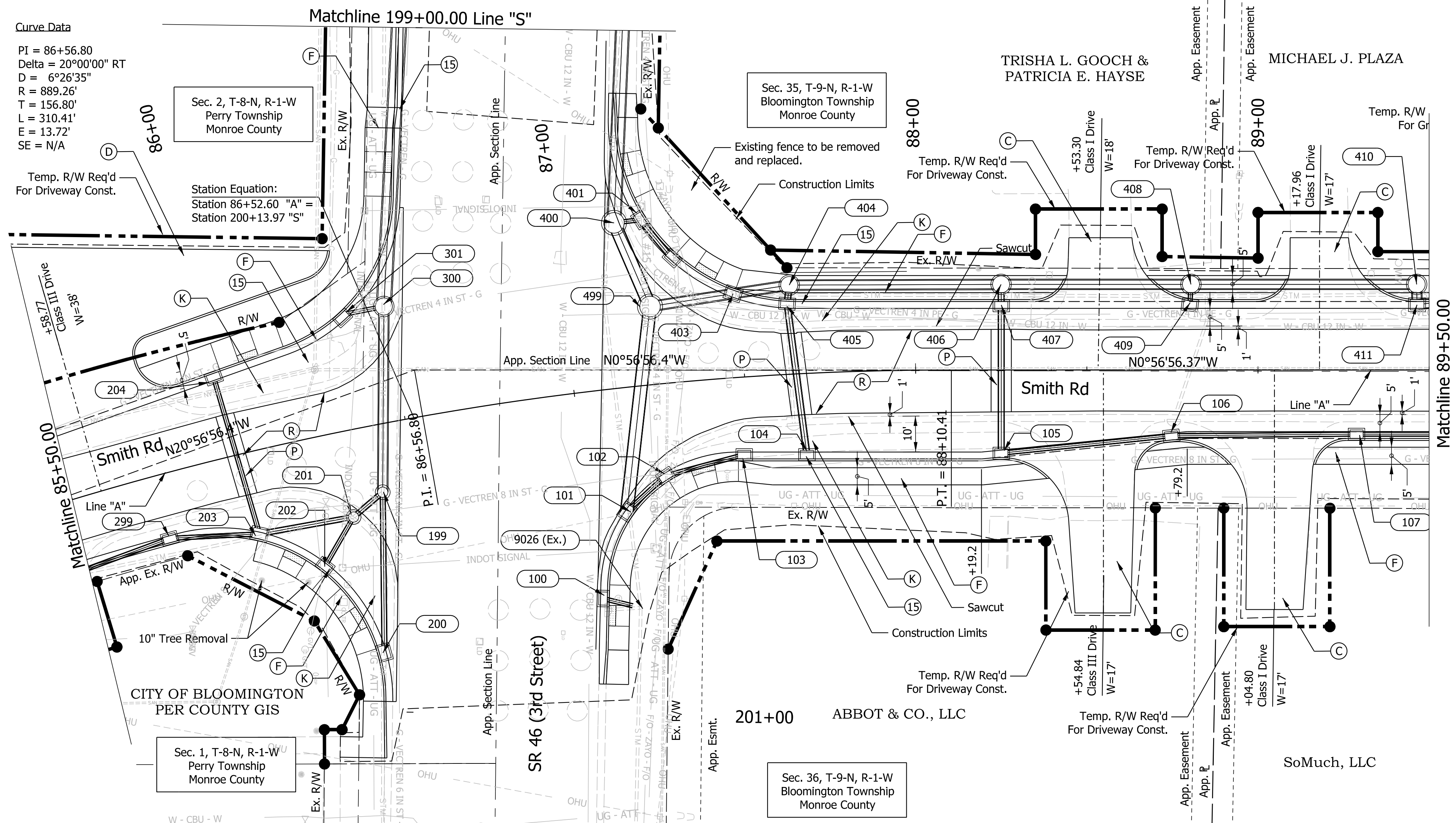
CONSTRUCTION DETAIL
 Sta. 81+50.00 to 85+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	38 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Sheets\ShT_ConstructionDetail_20_01.dgn



- 100 Line "A"
Sta. 87+00.00, 60.5', Rt.
Inlet, B5
8' of 12" Type 2 Pipe
U.S. Inv. 834.00
D.S. Inv. 833.78
- 101 Line "A"
Sta. 87+12.00, 23.2', Rt.
Manhole, Type D Modified
59' of Ex. 2.3x3.5ft Elliptical CMP
U.S. Inv. 833.37
D.S. Inv. 832.97
- 102 Line "A"
Sta. 87+24.00, 26.7', Rt.
Inlet, C5
11' of 12" Type 2 Pipe
U.S. Inv. 833.44
D.S. Inv. 833.39
- 103 Line "A"
Sta. 87+85.00, 22.7', Rt.
Inlet, B5
20' of 12" Type 2 Pipe
U.S. Inv. 833.60
D.S. Inv. 833.50
- 104 Line "A"
Sta. 87+67.00, 23.5', Rt.
Inlet, B15
42' of 18" Type 2 Pipe
U.S. Inv. 833.58
D.S. Inv. 833.14
- 105 Line "A"
Sta. 87+85.00, 24.4', Rt.
Manhole, Type D Modified
41' of 18" Type 2 Pipe
U.S. Inv. 834.00
D.S. Inv. 833.83
- 106 Line "A"
Sta. 88+25.00, 19.2', Rt.
Inlet, C15
46' of 12" Type 2 Pipe
U.S. Inv. 834.86
D.S. Inv. 834.19
- 107 Line "A"
Sta. 88+75.00, 18.8', Rt.
Inlet, C15
50' of 12" Type 2 Pipe
U.S. Inv. 835.24
D.S. Inv. 834.87
- 199 Line "A"
Sta. 86+40.00, 19.7', Rt.
Manhole, Type C Modified
50' of 18" Type 2 Pipe
U.S. Inv. 832.84
D.S. Inv. 832.46
- 200 Line "A"
Sta. 86+31.00, 66.0', Rt.
Manhole, Type C Modified
42' of Existing 15" HDPE
U.S. Inv. 833.52
D.S. Inv. 832.94
- 201 Line "A"
Sta. 86+36.00, 24.8', Rt.
Manhole, Type C Modified
6' of 12" Type 2 Pipe
U.S. Inv. 833.10
D.S. Inv. 832.95
- 202 Line "A"
Sta. 86+18.00, 37.1', Rt.
Inlet, B5
13' of 12" Type 2 Pipe
U.S. Inv. 833.33
D.S. Inv. 833.25
- 203 Line "A"
Sta. 86+00.00, 24.2', Rt.
Manhole, Type C Modified
23' of 15" Type 2 Pipe
U.S. Inv. 833.79
D.S. Inv. 833.20
- 204 Line "A"
Sta. 85+98.50, 23.8', Lt.
Inlet, B15
44' of 12" Type 2 Pipe
U.S. Inv. 834.40
D.S. Inv. 833.87
- 299 Line "A"
Sta. 85+75.00, 17.8', Rt.
Inlet, B15
40' of 12" Type 2 Pipe
U.S. Inv. 834.44
D.S. Inv. 833.87
- 300 Line "A"
Sta. 86+50.00, 33.4', Lt.
Manhole, Type C Modified
173' of 18" Type 2 Pipe
U.S. Inv. 832.43
D.S. Inv. 831.11
- 301 Line "A"
Sta. 86+37.76, 32.5', Lt.
Inlet, B15
3' of 12" Type 2 Pipe
U.S. Inv. 832.55
D.S. Inv. 832.50
- 400 Line "A"
Sta. 87+17.00, 47.9', Lt.
Manhole, Type D Modified
84' of Ex. 2.3x3.5ft Elliptical CMP
U.S. Inv. 832.41
D.S. Inv. 830.63
- 401 Line "A"
Sta. 87+25.00, 47.8', Lt.
Inlet, C15
4' of 12" Type 2 Pipe
U.S. Inv. 832.50
D.S. Inv. 832.46
- 402 Line "A"
Sta. 87+32.00, 35, Lt.
Inlet, B5
11' of 12" Type 2 Pipe
U.S. Inv. 832.58
D.S. Inv. 832.53
- 403 Line "A"
Sta. 87+50.00, 24.5', Lt.
Manhole, Type D Modified
33' of Ex. 30" Type 2 Pipe
U.S. Inv. 833.01
D.S. Inv. 832.93
- 404 Line "A"
Sta. 87+64.00, 25.9', Lt.
Manhole, Type D Modified
12' of 30" Type 2 Pipe
U.S. Inv. 833.10
D.S. Inv. 833.03
- 405 Line "A"
Sta. 87+64.00, 20.8', Lt.
Inlet, B15
2' of 18" Type 2 Pipe
U.S. Inv. 833.13
D.S. Inv. 833.11
- 406 Line "A"
Sta. 88+25.00, 25.1', Lt.
Manhole, Type D Modified
57' of 30" Type 2 Pipe
U.S. Inv. 833.75
D.S. Inv. 833.14
- 407 Line "A"
Sta. 88+25.00, 18.3', Lt.
Inlet, B15
3' of 30" Type 2 Pipe
U.S. Inv. 833.83
D.S. Inv. 833.81
- 408 Line "A"
Sta. 88+6.000, 25.1', Lt.
Manhole, Type D Modified
50' of 30" Type 2 Pipe
U.S. Inv. 833.95
D.S. Inv. 838.80
- 409 Line "A"
Sta. 88+80.00, 19.1', Lt.
Inlet, B15
2' of 12" Type 2 Pipe
U.S. Inv. 834.09
D.S. Inv. 834.00
- 410 Line "A"
Sta. 89+46.00, 25.1', Lt.
Manhole, Type D Modified
61' of 30" Type 2 Pipe
U.S. Inv. 834.09
D.S. Inv. 833.99
- 411 Line "A"
Sta. 89+46.00, 18.8', Rt.
Manhole, Type D Modified
6' of 30" Type 2 Pipe
U.S. Inv. 834.12
D.S. Inv. 834.11
- 9017 (Ex.) Line "A"
Sta. 87+12.00, 27.4', Lt.
Existing Manhole
15' of Ex. 2.3x3.5ft Elliptical CMP
U.S. Inv. 832.86
D.S. Inv. 832.53



P:\PROJECTS\INDOT\18070904-11\Draw\Sheets\Sht_ConstructionDetail_20_02.dgn

LEGEND	
(K) FULL DEPTH HMA COMPOSED OF: 165 lb/syd QC/QA - HMA, 3, 70, SURFACE, 12.5 mm 440 lb/syd QC/QA - HMA, 3, 70, INTERMEDIATE, 12.5 mm 440 lb/syd QC/QA - HMA, 3, 70, BASE, 25.0 mm	(D) HMA FOR APPROACHES, TYPE C
(R) MILL AND OVERLAY, 1.5" COMPOSED OF: 165 lb/syd QC/QA - HMA, 3, 70, SURFACE, 12.5 mm	(C) DRIVE, CONCRETE COMPOSED OF: PCCP For Approaches, 6 in. Dense Graded Subbase, 6 in. Subgrade Treatment Type II
	(P) HMA PATCHING, TYPE C
	(O) COMPACTED AGGREGATE, NO. 53
	(15) CURB AND GUTTER, CONCRETE
	(F) SIDEWALK, CONCRETE
	(S) SUBGRADE TREATMENT, TYPE IC

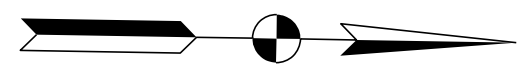
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

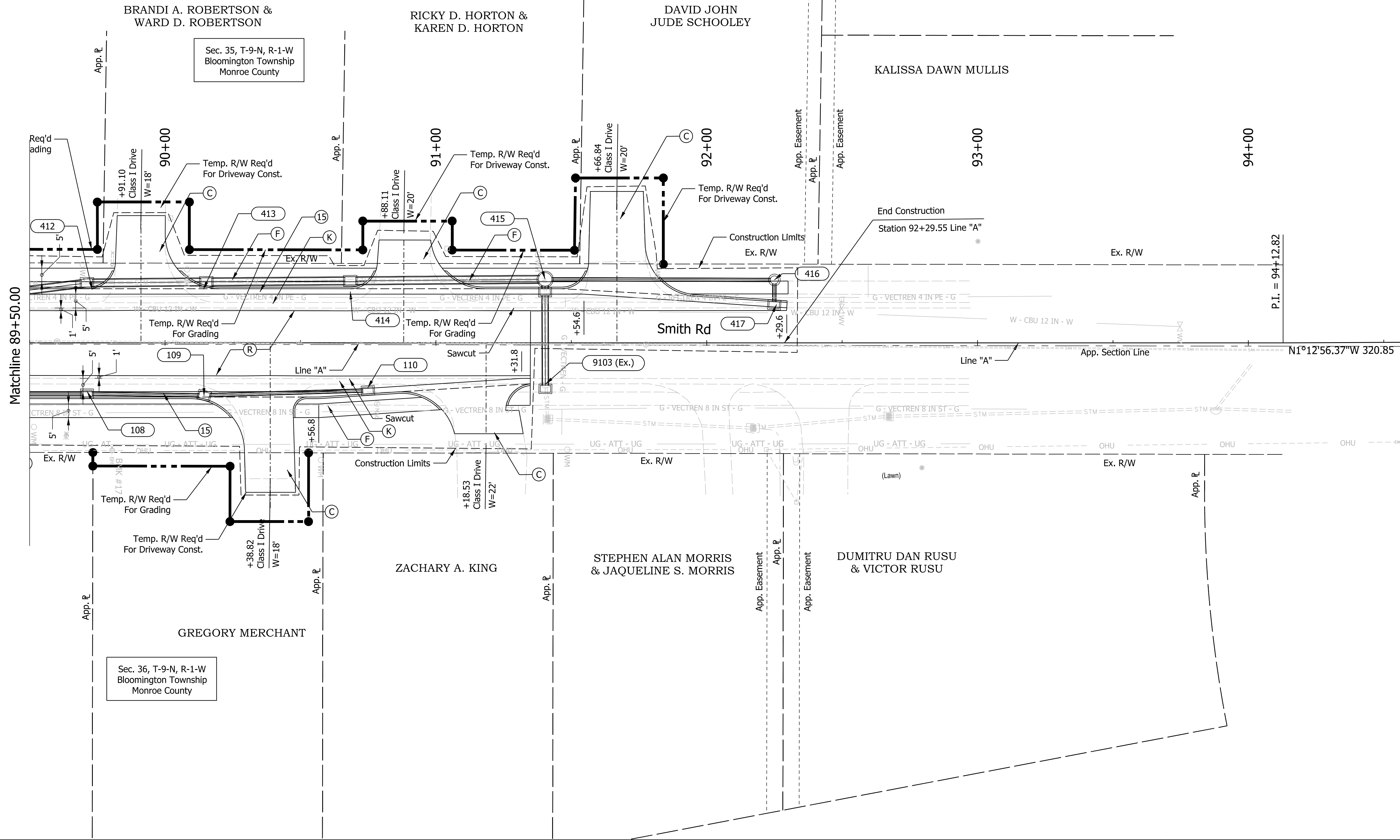
INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAIL
Sta. 85+50.00 to 89+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	39 of 96
CONTRACT	PROJECT
R-41465	1800208



- 108 Line "A"
Sta. 89+29.00, 18.8', Rt.
Inlet, C15
39' of 12" Type 2 Pipe
U.S. Inv. 835.53
D.S. Inv. 835.25
- 109 Line "A"
Sta. 89+71.00, 19.6', Rt.
Inlet, C15
39' of 12" Type 2 Pipe
U.S. Inv. 835.80
D.S. Inv. 835.54
- 110 Line "A"
Sta. 90+15.00, 17.5', Rt.
Inlet, B15
57' of 12" Type 2 Pipe
U.S. Inv. 836.15
D.S. Inv. 835.81
- 412 Line "A"
Sta. 89+71.00, 19.0', Rt.
Manhole, Type D Modified
21' of Ex. 30" Type 2 Pipe
U.S. Inv. 834.53
D.S. Inv. 834.17
- 413 Line "A"
Sta. 90+15.00, 19.1', Lt.
Manhole, Type D Modified
40' of Ex. 30" Type 2 Pipe
U.S. Inv. 835.30
D.S. Inv. 834.61
- 414 Line "A"
Sta. 90+69.00, 18.7', Lt.
Manhole, Type D Modified
21' of Ex. 30" Type 2 Pipe
U.S. Inv. 836.23
D.S. Inv. 835.38
- 415 Line "A"
Sta. 91+40.00, 23.50, Lt.
Manhole, Type F Modified
67' of Ex. 30" Type 2 Pipe
U.S. Inv. 837.45
D.S. Inv. 836.28
- 416 Line "A"
Sta. 92+25.00, 23.5', Lt.
Manhole, Type D Modified
81' of 12" Type 2 Pipe
U.S. Inv. 839.30
D.S. Inv. 838.95
- 417 Line "A"
Sta. 92+25.00, 13.8', Lt.
Inlet, B15
6' of 12" Type 2 Pipe
U.S. Inv. 839.38
D.S. Inv. 839.35
- 9103 (Ex.) Line "A"
Sta. 91+41.00, 17.0', Rt.
Curb Inlet
33' of Ex. 24" Type 2 Pipe
U.S. Inv. 839.67
D.S. Inv. 839.19



Plot: L:\INDOT\18070904-11\Draw\Sheets\Sht_ConstructionDetail_20_03.dgn

LEGEND		
(K)	FULL DEPTH HMA COMPOSED OF: 165 lb/syd QC/QA - HMA, 3, 70, SURFACE, 12.5 mm 440 lb/syd QC/QA - HMA, 3, 70, INTERMEDIATE, 12.5 mm 440 lb/syd QC/QA - HMA, 3, 70, BASE, 25.0 mm	(D) HMA FOR APPROACHES, TYPE C
(R)	MILL AND OVERLAY, 1.5" COMPOSED OF: 165 lb/syd QC/QA - HMA, 3, 70, SURFACE, 12.5 mm	(C) DRIVE, CONCRETE COMPOSED OF: PCCP For Approaches, 6 in. Dense Graded Subbase, 6 in. Subgrade Treatment Type II
		(S) HMA PATCHING, TYPE C
		(O) COMPACTED AGGREGATE, NO. 53
		(15) CURB AND GUTTER, CONCRETE
		(F) SIDEWALK, CONCRETE
		(S) SUBGRADE TREATMENT, TYPE IC

NOT FOR CONSTRUCTION

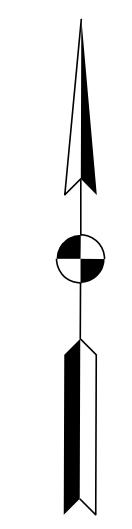
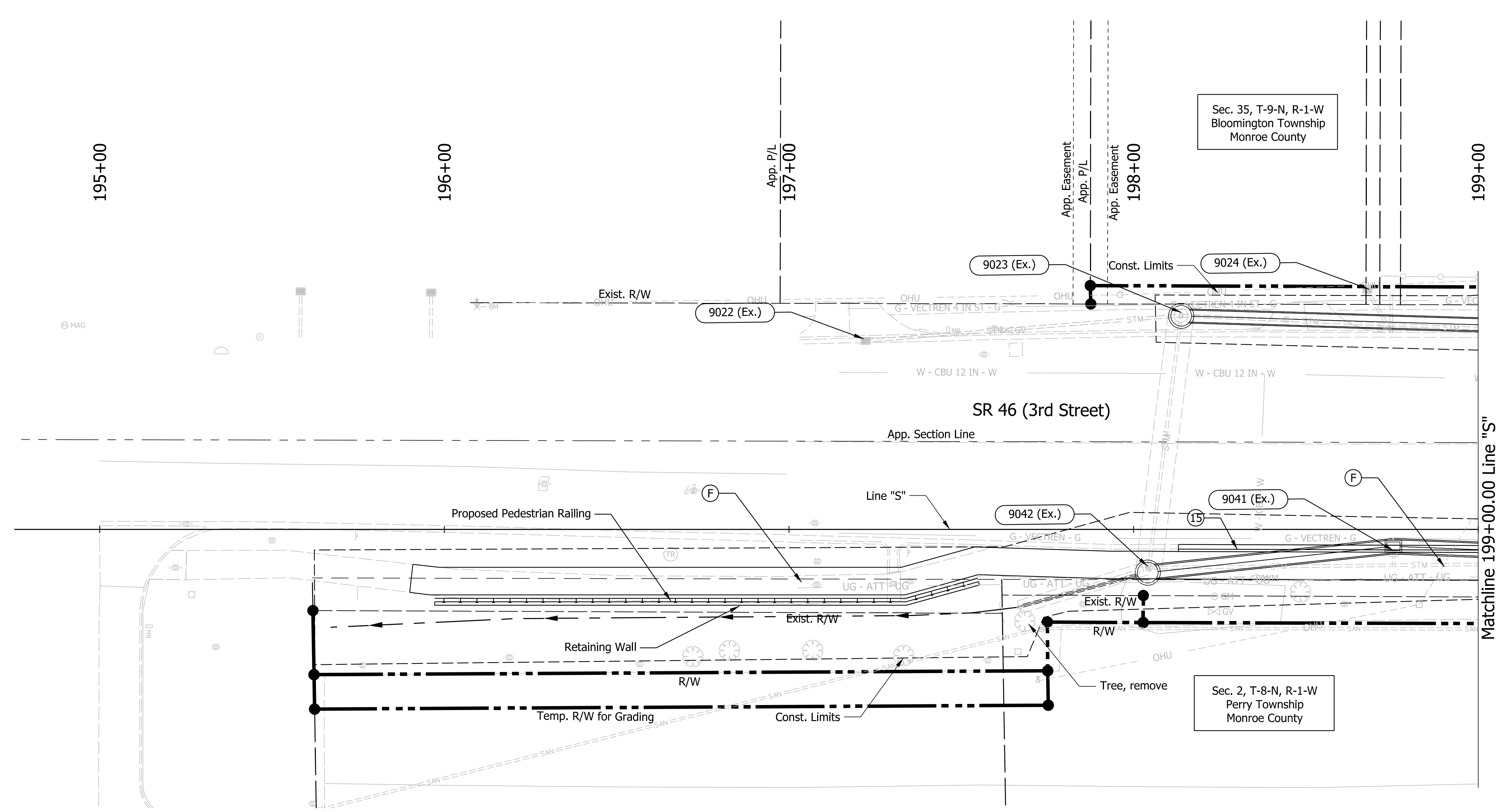
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAIL
Sta. 89+50.00 to 93+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	40 of 96
CONTRACT	PROJECT
R-41465	1800208

- 9022 (Ex.) Line "A"
Sta. 87+35.45, 280.9', Lt.
Existing Curb Inlet
87' of Ex. 15" HDPE
U.S. Inv. 834.25
D.S. Inv. 833.94
- 9023 (Ex.) Line "A"
Sta. 87+36.00, 135.50', Lt.
Drop Inlet
96' of Ex. 2.3x3.5ft Elliptical CMP
U.S. Inv. 830.38
D.S. Inv. 830.08
- 9024 (Ex.) Line "A"
Sta. 87+36.00, 124.0', Lt.
Existing Curb Inlet
11' of 15" HDPE
U.S. Inv. 834.25
D.S. Inv. 833.94
- 9041 (Ex.) Line "A"
Sta. 86+50.00, 150.0', Lt.
Existing Curb Inlet
3' of Ex. 15" HDPE
U.S. Inv. 832.14
- 9042 (Ex.) Line "A"
Sta. 86+50.00, 208.0', Lt.
Existing Manhole
39' of 30x46 In. Elliptical RCP
U.S. Inv. 830.08
D.S. Inv. 830.00



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LEGEND		
(K) FULL DEPTH HMA COMPOSED OF: 165 lb/syd QC/QA - HMA, 3, 70, SURFACE, 12.5 mm 440 lb/syd QC/QA - HMA, 3, 70, INTERMEDIATE, 12.5 mm 440 lb/syd QC/QA - HMA, 3, 70, BASE, 25.0 mm	(D) HMA FOR APPROACHES, TYPE C	(O) COMPACTED AGGREGATE, NO. 53
(R) MILL AND OVERLAY, 1.5" COMPOSED OF: 165 lb/syd QC/QA - HMA, 3, 70, SURFACE, 12.5 mm	(C) DRIVE, CONCRETE COMPOSED OF: PCCP For Approaches, 6 in. Dense Graded Subbase, 6 in. Subgrade Treatment Type II	(15) CURB AND GUTTER, CONCRETE
(P) HMA PATCHING, TYPE C		(F) SIDEWALK, CONCRETE
		(S) SUBGRADE TREATMENT, TYPE IC

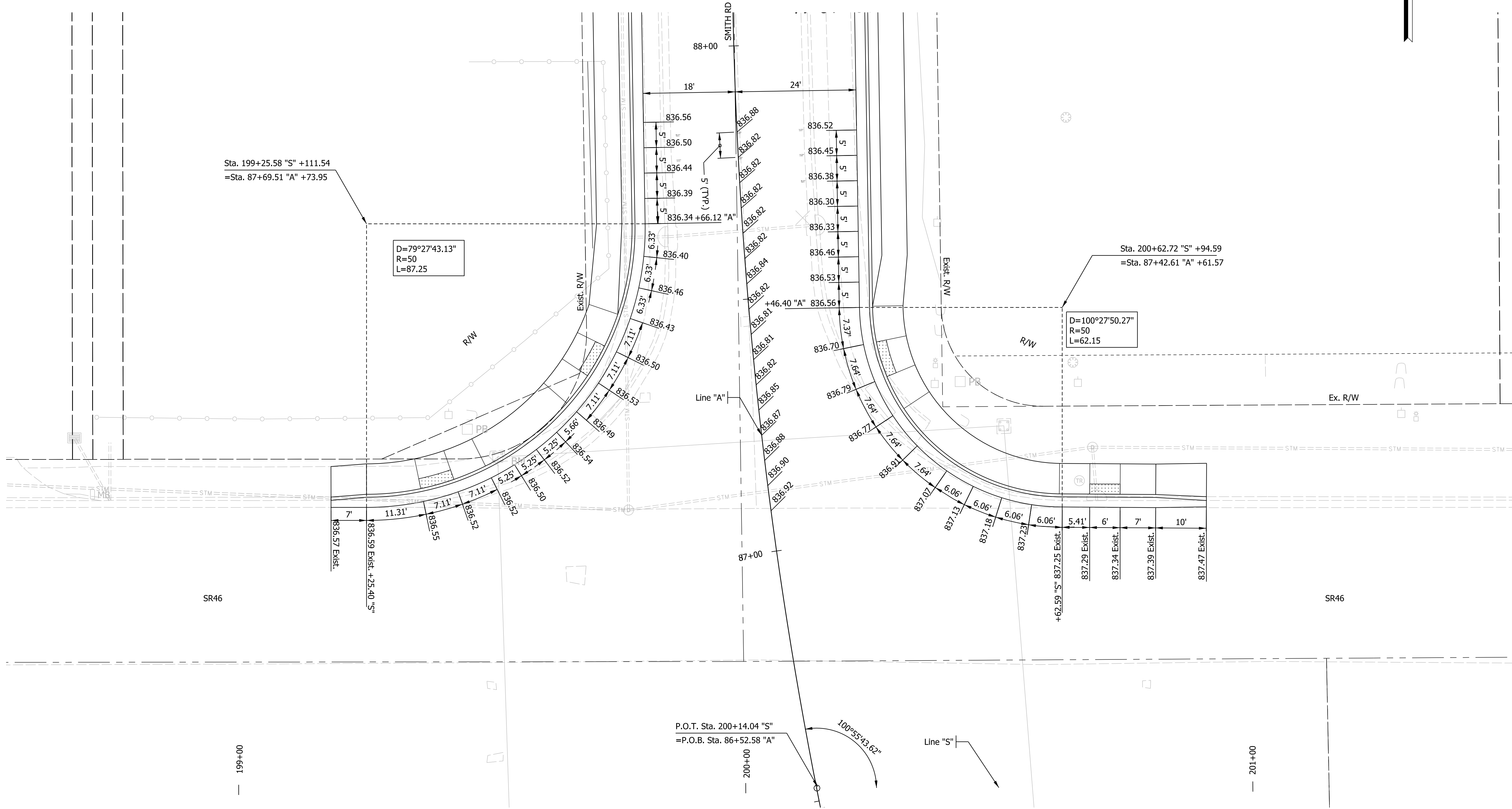
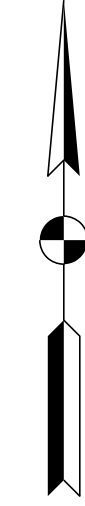
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
Sta. 195+00.00 to 199+00.00 Line "S"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	41 of 96
CONTRACT	PROJECT
R-41465	1800208



Plot: L:\INDOT\18070904-11\Draw\Sheets\Int_Det_01.dgn

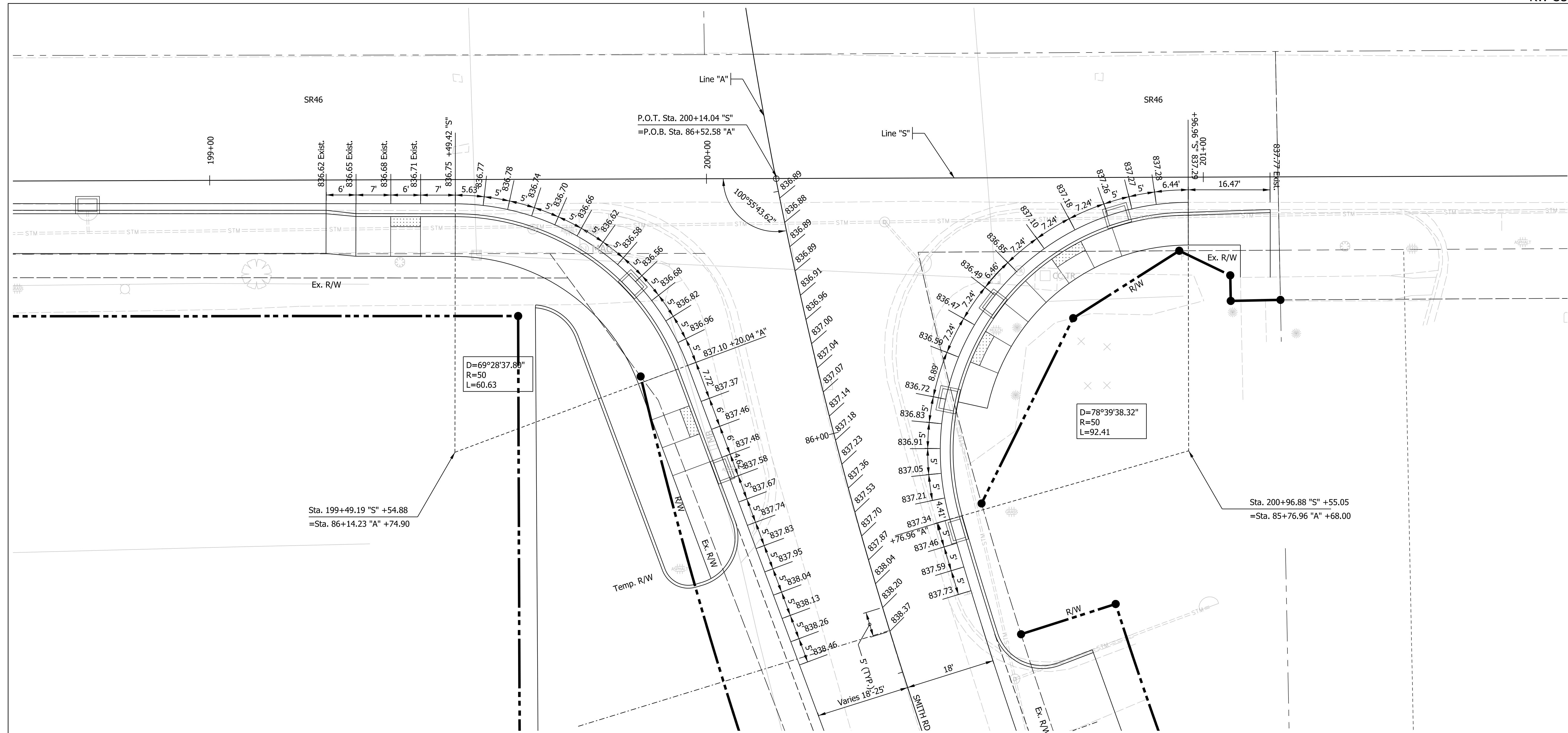
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS
SR46 & SMITH RD NORTH

SCALE	BRIDGE FILE
1"=10'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	42 of 96
CONTRACT	PROJECT
R-41465	1800208



Plot: L:\INDOT\18070904-11\Draw\Sheets\Int_Det_02.dgn

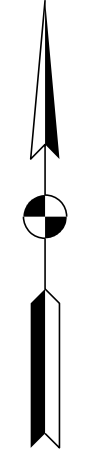
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

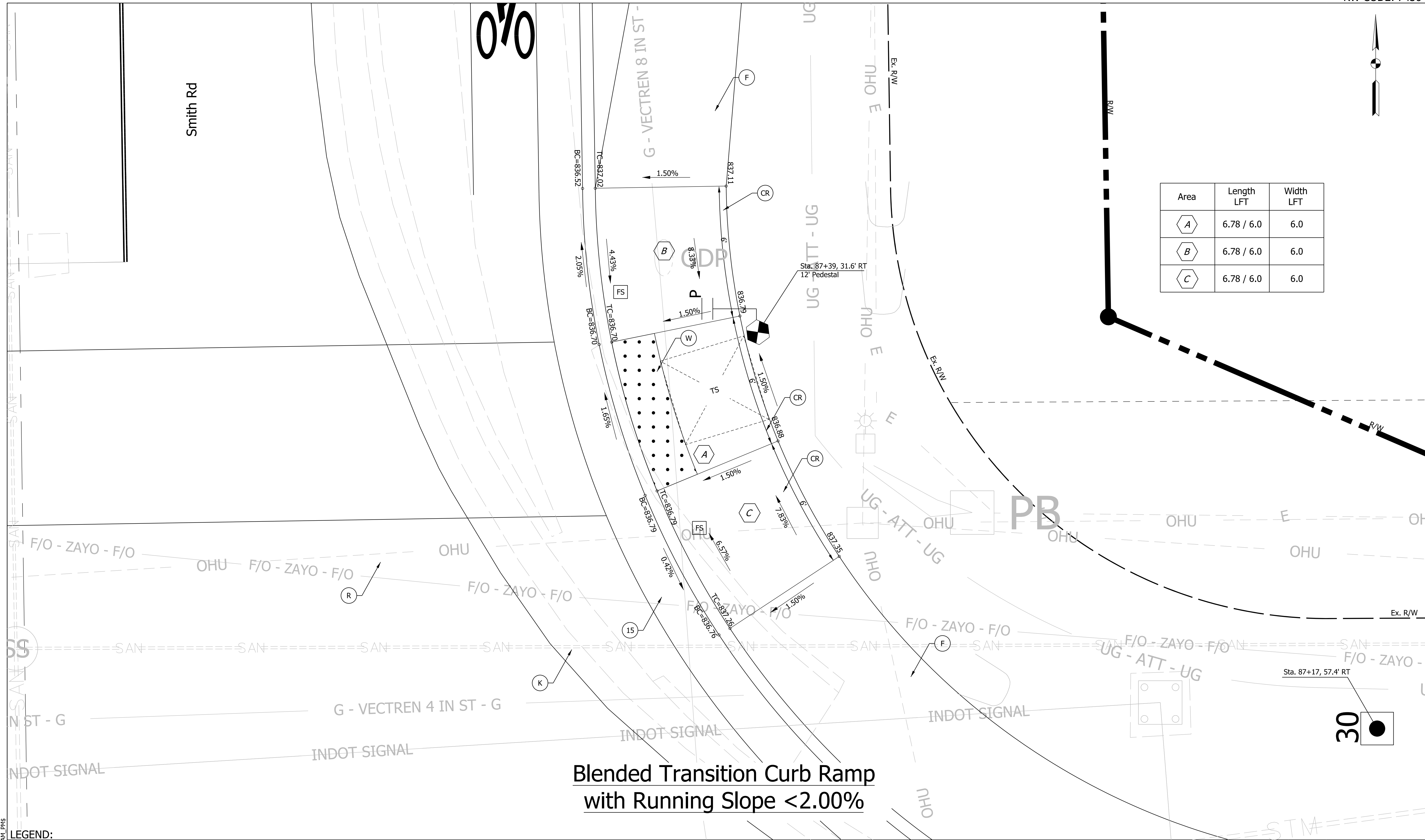
INDIANA DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS
SR46 & SMITH RD SOUTH

SCALE	BRIDGE FILE
1"=10'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	43 of 96
CONTRACT	PROJECT
R-41465	1800208



Area	Length LFT	Width LFT
A	6.78 / 6.0	6.0
B	6.78 / 6.0	6.0
C	6.78 / 6.0	6.0



**Blended Transition Curb Ramp
with Running Slope $< 2.00\%$**

LEGEND:

- (F) Sidewalk, Concrete
- (CR) Curb Ramp, Concrete
- (W) Detectable Warning Surface
- (R) Mill and Overlay, 1.5" composed of:
165 lb/syd QC/QA - HMA, 3, 70, SURFACE, 12.5 mm
- (13) Curb, Concrete
- (15) Curb and Gutter, Concrete
- (K) Full Depth HMA composed of:
165 lb/Sy, Type C, Surface
440 lb/Sy, Type C, Intermediate
440 lb/Sy, Type C, Base
- (FS) Flared Side
- (P) Pedestrian Push Button, APS
- (New Cantilever Signal Structure, 30' Mast Arm, Drilled Shaft Foundation, Typ A (Max Height 22'))
- (Pedestrian Indication w/ Countdown)
- (New Pedestal & Base on "A" Foundation)

NOT FOR CONSTRUCTION

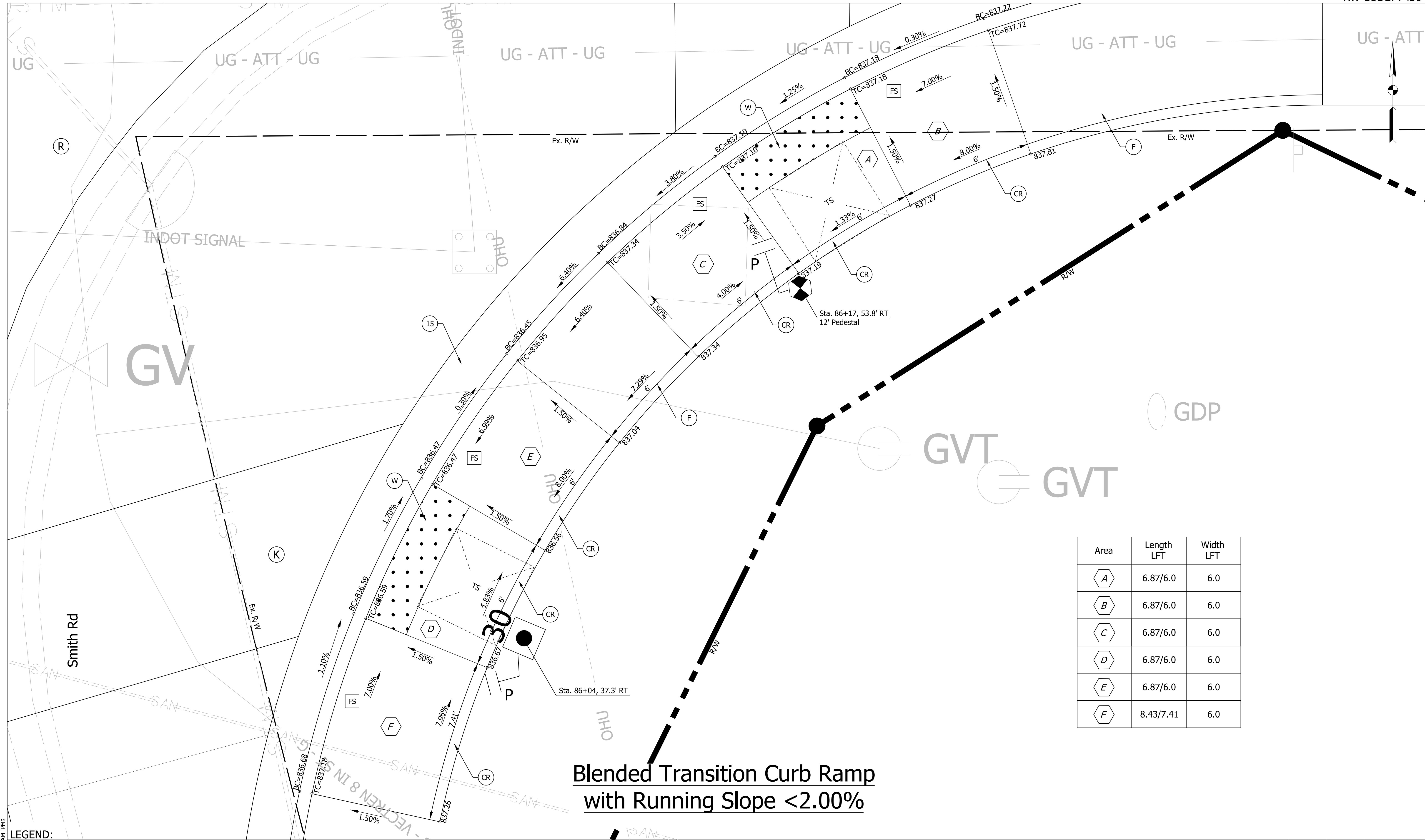
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

**CURB RAMP DETAILS
SMITH RD NE CROSSING**

SCALE 1"=2'	BRIDGE FILE N/A
	DESIGNATION 1800208
SURVEY BOOK Electronic	SHEETS 44 of 96
CONTRACT R-41465	PROJECT 1800208

Plot: L:\INDOT\18070904-11\Draw\Sheets\Sht_Curb_01_NE Smith.dgn



Area	Length LFT	Width LFT
A	6.87/6.0	6.0
B	6.87/6.0	6.0
C	6.87/6.0	6.0
D	6.87/6.0	6.0
E	6.87/6.0	6.0
F	8.43/7.41	6.0

- LEGEND:**
- (F) Sidewalk, Concrete
 - (13) Curb, Concrete
 - (K) Full Depth HMA composed of:
165 lb/Sy, Type C, Surface
440 lb/Sy, Type C, Intermediate
440 lb/Sy, Type C, Base
 - (P) Pedestrian Push Button, APS
 - (CR) Curb Ramp, Concrete
 - (15) Curb and Gutter, Concrete
 - (P) New Cantilever Signal Structure, 30' Mast Arm,
Drilled Shaft Foundation, Typ A (Max Height 22')
 - (W) Detectable Warning Surface
 - (FS) Flared Side
 - (P) Pedestrian Indication w/ Countdown
 - (R) Mill and Overlay, 1.5" composed of:
165 lb/syd QC/QA - HMA, 3, 70, SURFACE, 12.5 mm
 - (P) New Pedestal & Base on "A" Foundation

NOT FOR CONSTRUCTION

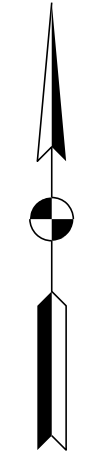
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
SR46 & SMITH RD SE CROSSING

SCALE 1"=2'	BRIDGE FILE N/A
	DESIGNATION 1800208
SURVEY BOOK Electronic	SHEETS 46 of 96
CONTRACT R-41465	PROJECT 1800208

P:\PROJECTS\SR46\SMITH_PMS



Area	Length LFT	Width LFT
A	6	8.0
B	7.72	8.0
C	6	8.0

**Blended Transition Curb Ramp
with Running Slope < 2.00%**

LEGEND:

- (F) Sidewalk, Concrete
- (CR) Curb Ramp, Concrete
- (W) Detectable Warning Surface
- (R) Mill and Overlay, 1.5" composed of:
165 lb/syd QC/QA - HMA, 3, 70, SURFACE, 12.5 mm
- (13) Curb, Concrete
- (15) Curb and Gutter, Concrete
- (FS) Flared Side
- (K) Full Depth HMA composed of:
165 lb/Sy, Type C, Surface
440 lb/Sy, Type C, Intermediate
440 lb/Sy, Type C, Base
- (P) Pedestrian Push Button, APS
New Cantilever Signal Structure, 30' Mast Arm,
Drilled Shaft Foundation, Typ A (Max Height 22')
- (P) Pedestrian Indication w/ Countdown
- (P) New Pedestal & Base on "A" Foundation

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

**INDIANA DEPARTMENT
OF TRANSPORTATION**

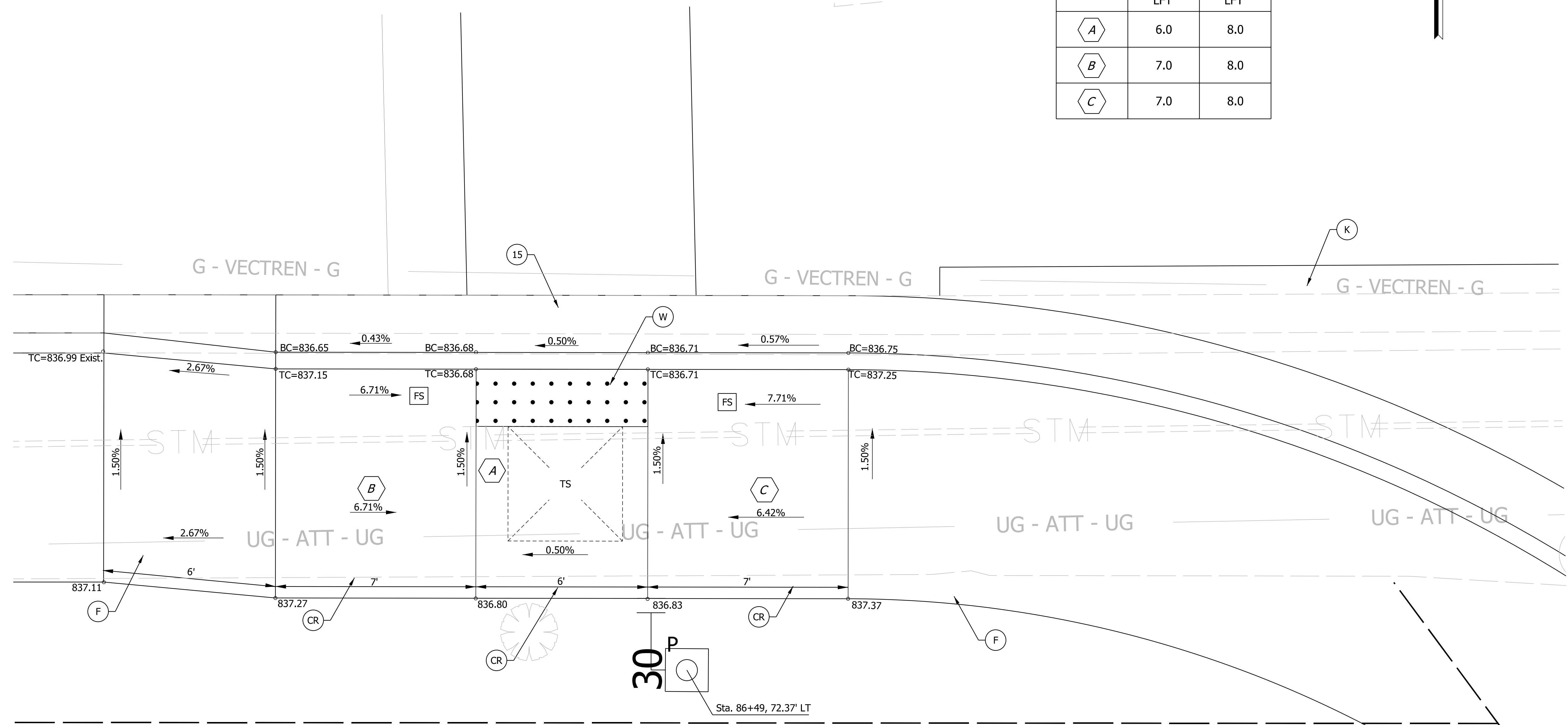
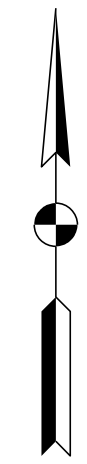
**CURB RAMP DETAILS
SMITH RD SW CROSSING**

SCALE 1"=2'	BRIDGE FILE N/A
	DESIGNATION 1800208
SURVEY BOOK Electronic	SHEETS 47 of 96
CONTRACT R-41465	PROJECT 1800208

P:\PLOT_DRAWING_TIMES_\$AM_PMS

SR 46 (3rd St)

Area	Length LFT	Width LFT
A	6.0	8.0
B	7.0	8.0
C	7.0	8.0



Plot Date: 6/7/2022 10:54 AM

LEGEND:

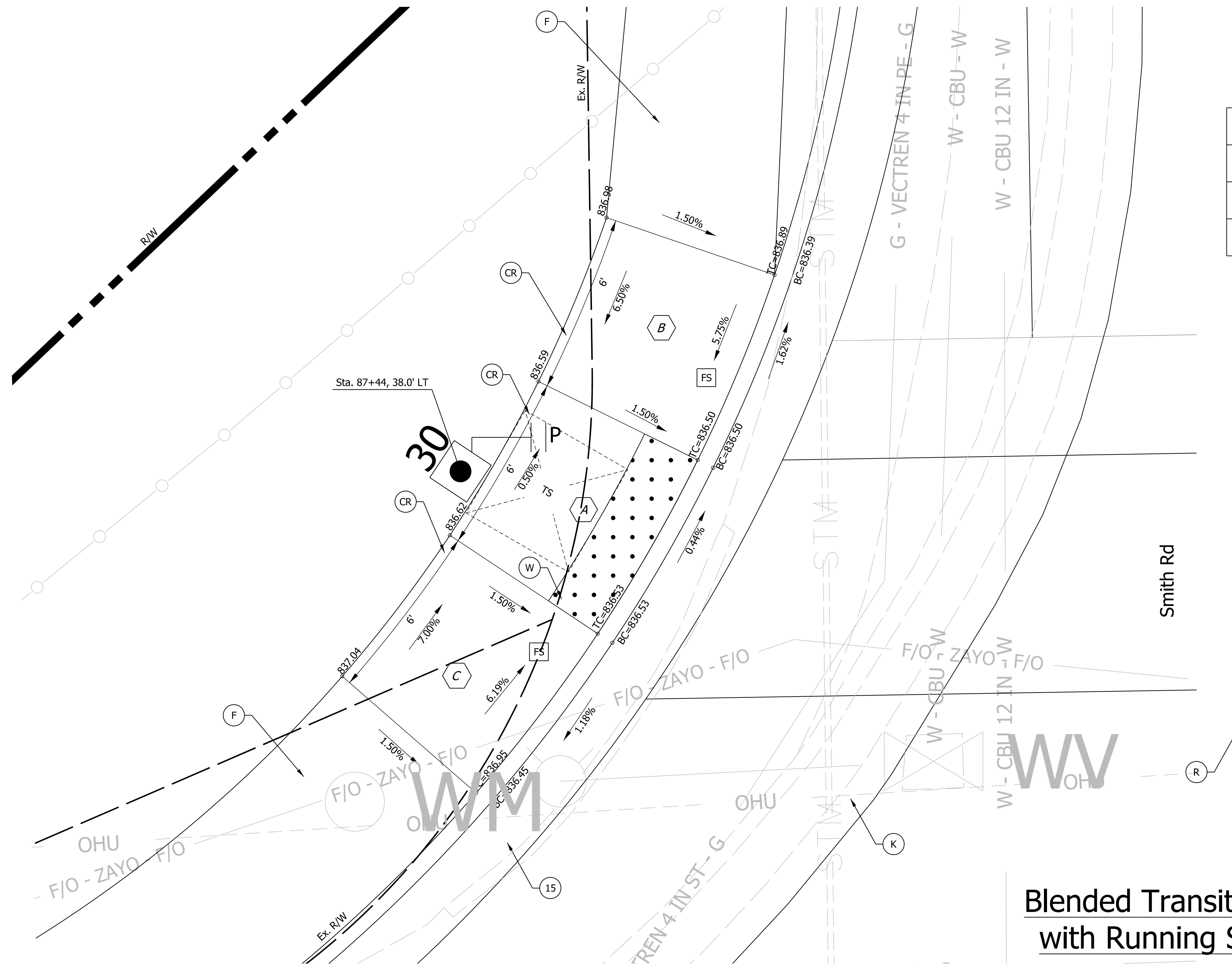
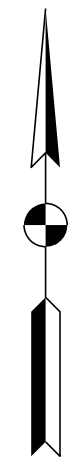
(F) Sidewalk, Concrete	(13) Curb, Concrete	(K) Full Depth HMA composed of: 165 lb/Sy, Type C, Surface 440 lb/Sy, Type C, Intermediate 440 lb/Sy, Type C, Base	(P) Pedestrian Push Button, APS New Cantilever Signal Structure, 30' Mast Arm, Drilled Shaft Foundation, Typ A (Max Height 22')
(CR) Curb Ramp, Concrete	(15) Curb and Gutter, Concrete	(FS) Flared Side	() Pedestrian Indication w/ Countdown
(W) Detectable Warning Surface			(P) New Pedestal & Base on "A" Foundation
(R) Mill and Overlay, 1.5" composed of: 165 lb/syd QC/QA - HMA, 3, 70, SURFACE, 12.5 mm			

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION	
CURB RAMP DETAILS SR46 SW CROSSING	

SCALE 1"=2'	BRIDGE FILE N/A
	DESIGNATION 1800208
SURVEY BOOK Electronic	SHEETS 48 of 96
CONTRACT R-41465	PROJECT 1800208



Area	Length LFT	Width LFT
A	6.0 / 6.78	6.0
B	6.0 / 6.78	6.0
C	6.0 / 6.78	6.0

**Blended Transition Curb Ramp
with Running Slope <2.00%**

LEGEND:

- (F) Sidewalk, Concrete
- (CR) Curb Ramp, Concrete
- (W) Detectable Warning Surface
- (R) Mill and Overlay, 1.5" composed of:
165 lb/syd QC/QA - HMA, 3, 70, SURFACE, 12.5 mm
- (13) Curb, Concrete
- (15) Curb and Gutter, Concrete
- (K) Full Depth HMA composed of:
165 lb/Sy, Type C, Surface
440 lb/Sy, Type C, Intermediate
440 lb/Sy, Type C, Base
- (FS) Flared Side
- (P) Pedestrian Push Button, APS
- (New Cantilever Signal Structure, 30' Mast Arm,
Drilled Shaft Foundation, Typ A (Max Height 22'))
- (Pedestrian Indication w/ Countdown)
- (New Pedestal & Base on "A" Foundation)

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

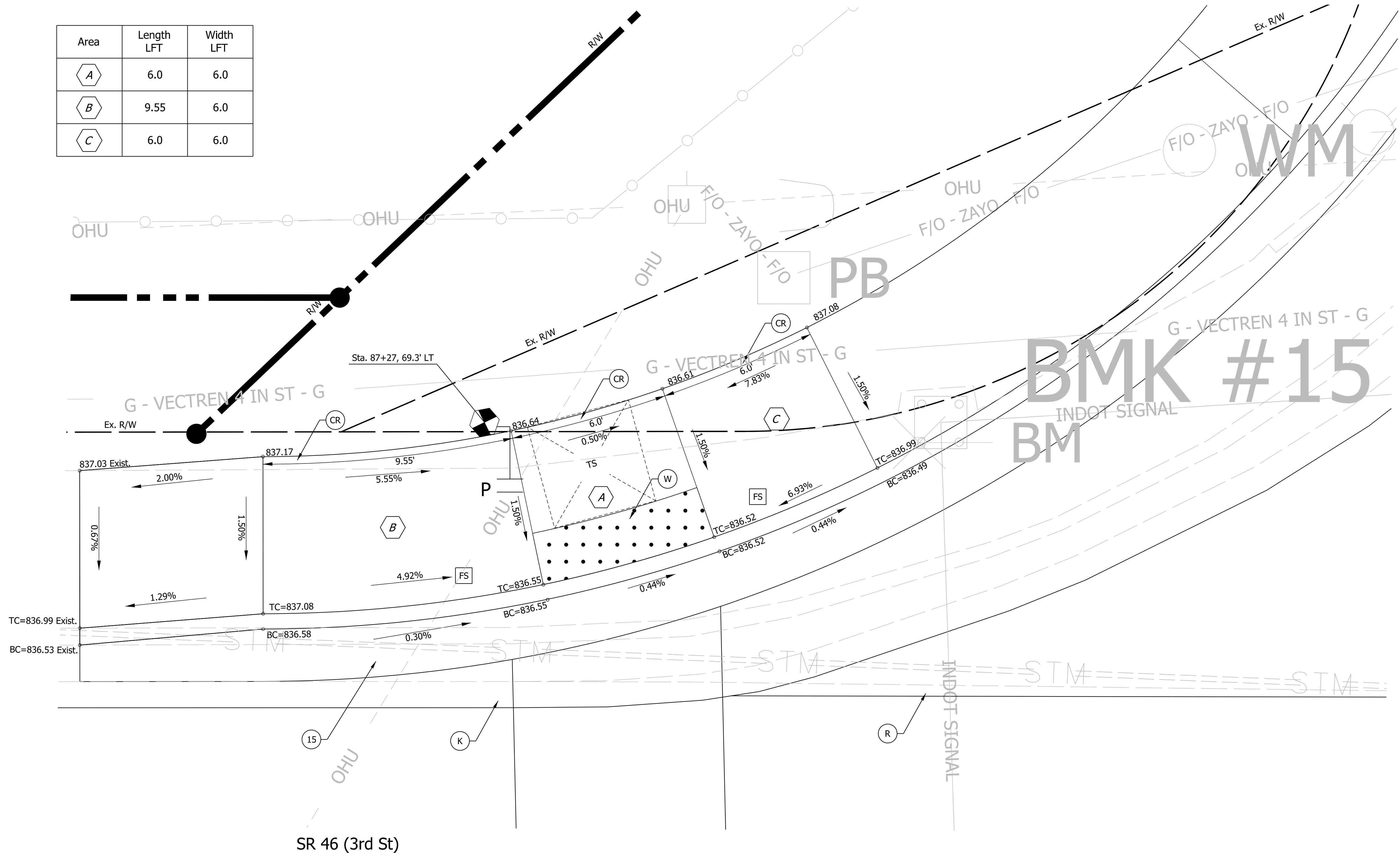
INDIANA DEPARTMENT OF TRANSPORTATION

**CURB RAMP DETAILS
SMITH RD NW CROSSING**

SCALE	BRIDGE FILE
1"=2"	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	49 of 96
CONTRACT	PROJECT
R-41465	1800208

P:\PLOT_DRAWING_TIMES_S&M_PMS

Area	Length LFT	Width LFT
A	6.0	6.0
B	9.55	6.0
C	6.0	6.0



LEGEND:

- | | | | |
|--|--------------------------------|---|--|
| (F) Sidewalk, Concrete | (13) Curb, Concrete | (K) Full Depth HMA composed of:
165 lb/Sy, Type C, Surface
440 lb/Sy, Type C, Intermediate
440 lb/Sy, Type C, Base | (P) Pedestrian Push Button, APS |
| (CR) Curb Ramp, Concrete | (15) Curb and Gutter, Concrete | (FS) Flared Side | (New Cantilever Signal Structure, 30' Mast Arm,
Drilled Shaft Foundation, Typ A (Max Height 22')) |
| (W) Detectable Warning Surface | | | (Pedestrian Indication w/ Countdown
New Pedestal & Base on "A" Foundation) |
| (R) Mill and Overlay, 1.5" composed of:
165 lb/syd QC/QA - HMA, 3, 70, SURFACE, 12.5 mm | | | |

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

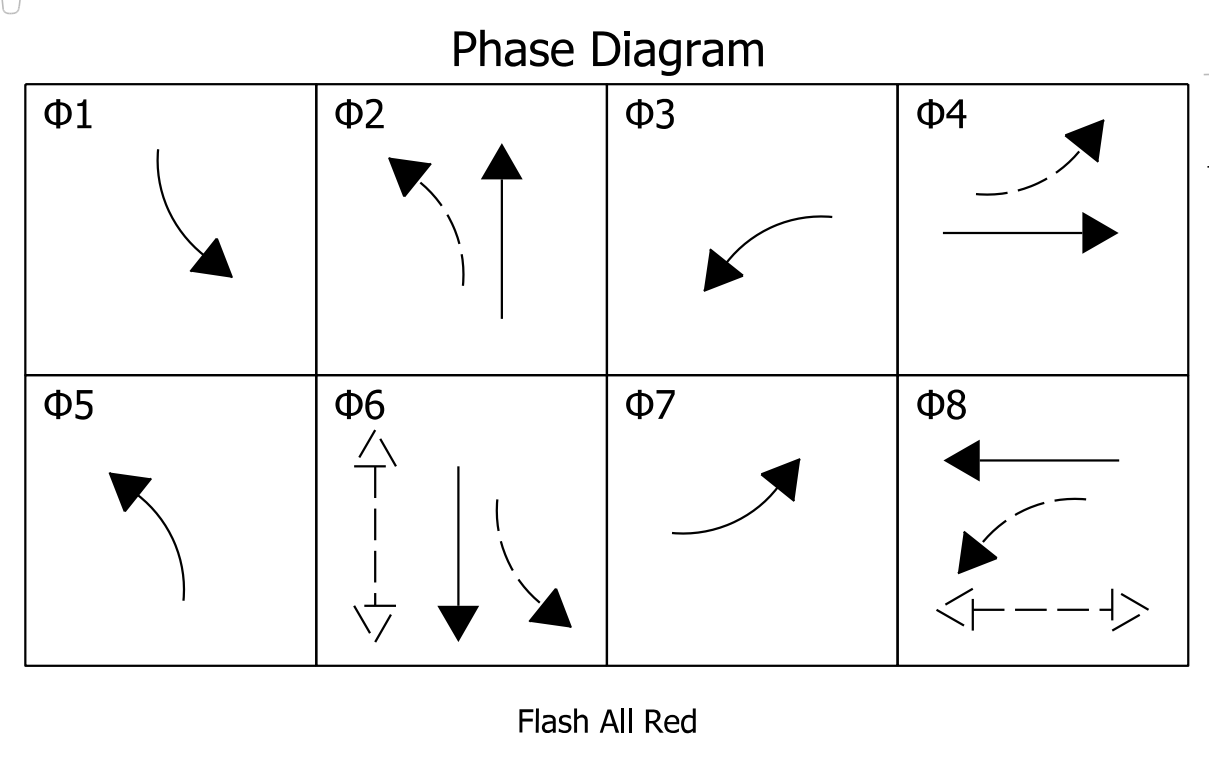
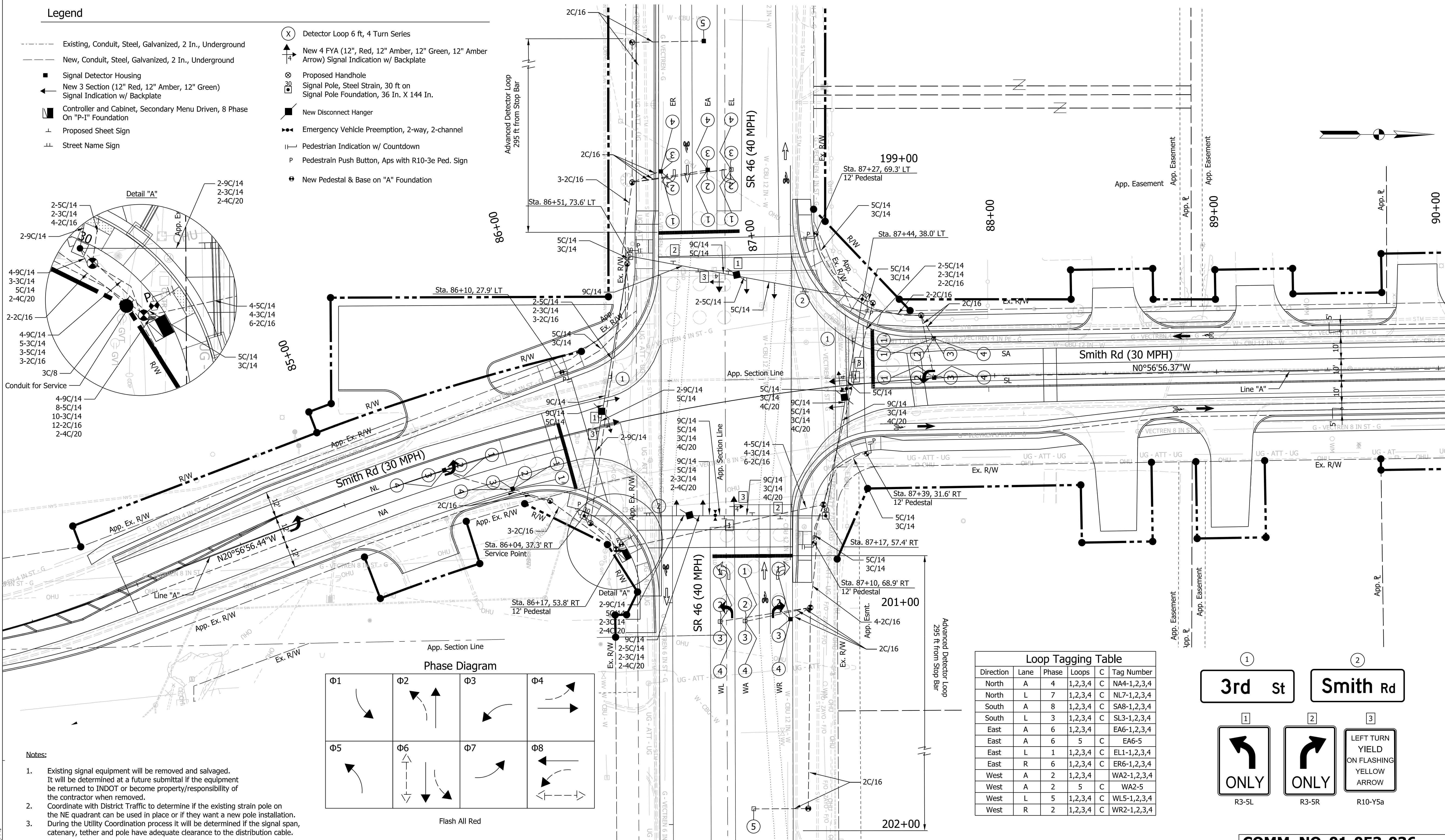
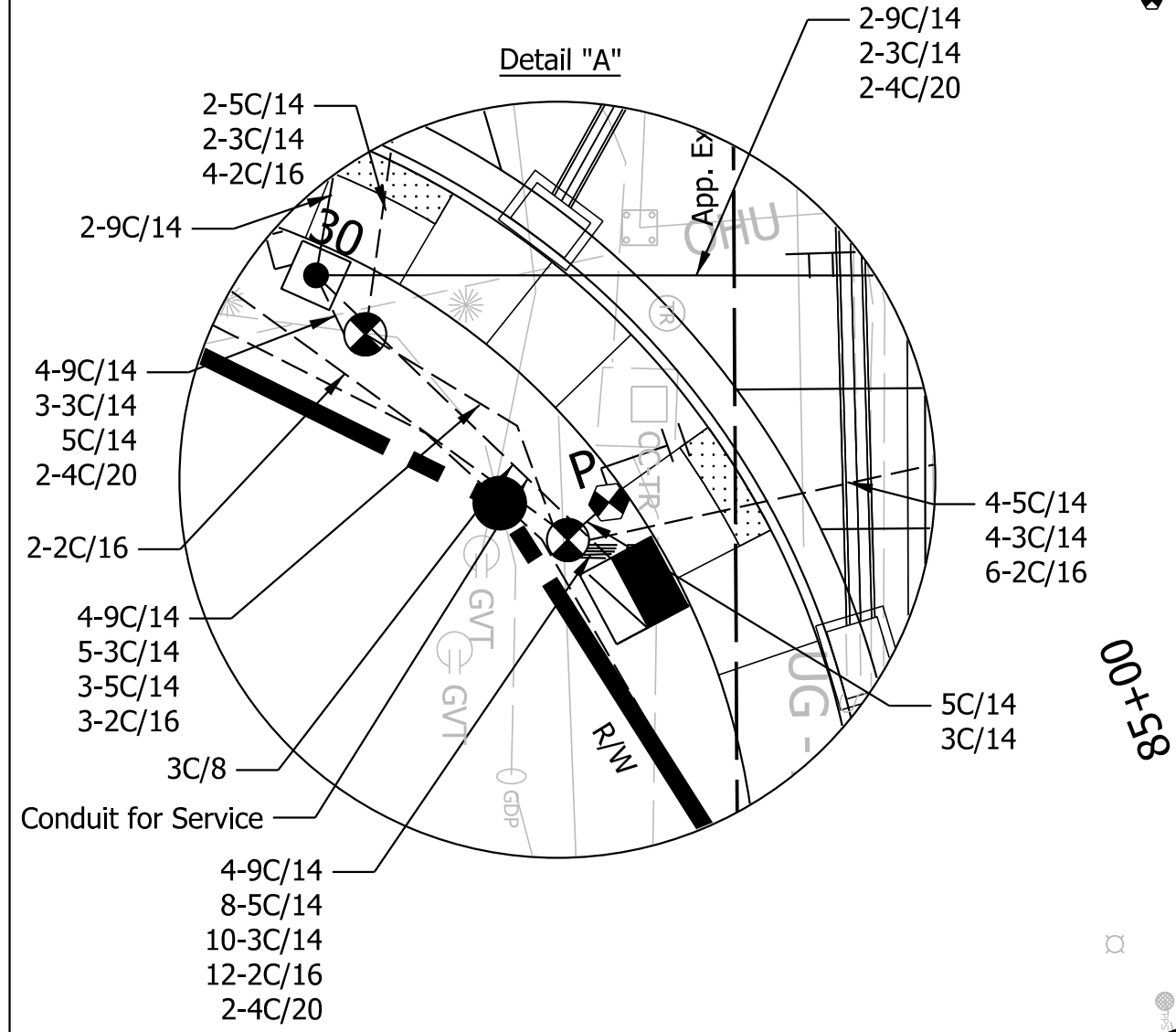
INDIANA DEPARTMENT OF TRANSPORTATION
CURB RAMP DETAILS
SR46 NW CROSSING

SCALE 1"=2'	BRIDGE FILE N/A
	DESIGNATION 1800208
SURVEY BOOK Electronic	SHEETS 50 of 96
CONTRACT R-41465	PROJECT 1800208

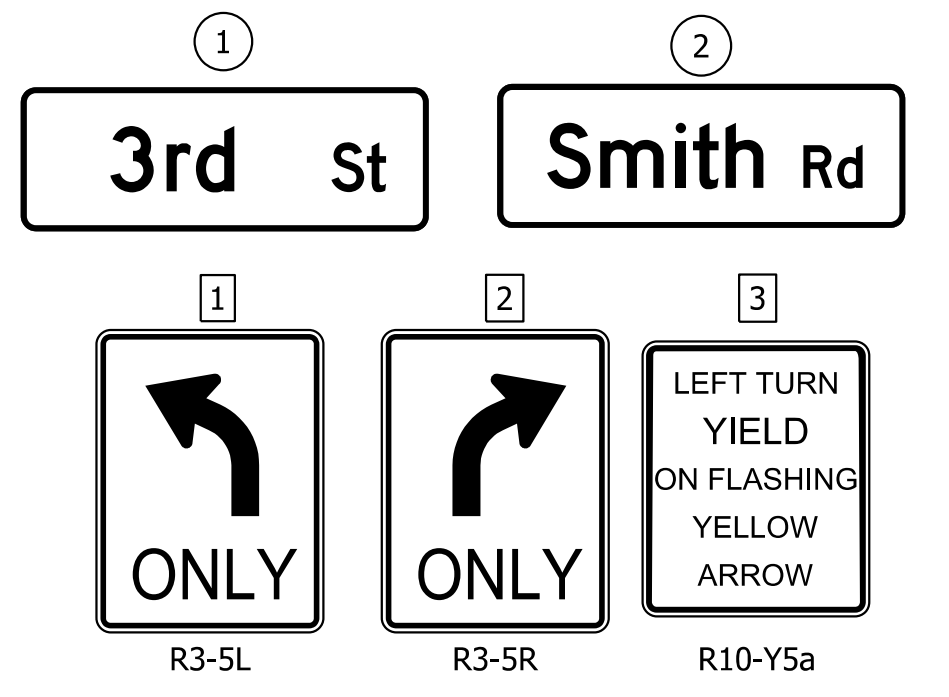
Plot: L:\INDOT\18070904-11\Draw\Sheets\ShT_Curb_07_NW_SR46.dgn

Legend

- Existing, Conduit, Steel, Galvanized, 2 In., Underground
- New, Conduit, Steel, Galvanized, 2 In., Underground
- Signal Detector Housing
- ← New 3 Section (12" Red, 12" Amber, 12" Green) Signal Indication w/ Backplate
- ⊞ Controller and Cabinet, Secondary Menu Driven, 8 Phase On "P-1" Foundation
- ⊞ Proposed Sheet Sign
- ⊞ Street Name Sign
- ⊗ Detector Loop 6 ft, 4 Turn Series
- ↑ New 4 FYA (12" Red, 12" Amber, 12" Green, 12" Amber Arrow) Signal Indication w/ Backplate
- ⊗ Proposed Handhole
- ⊞ Signal Pole, Steel Strain, 30 ft on Signal Pole Foundation, 36 In. X 144 In.
- New Disconnect Hanger
- ⊞ Emergency Vehicle Preemption, 2-way, 2-channel
- ⊞ Pedestrian Indication w/ Countdown
- ⊞ Pedestrian Push Button, Aps with R10-3e Ped. Sign
- ⊗ New Pedestal & Base on "A" Foundation



Direction	Lane	Phase	Loops	C	Tag Number
North	A	4	1,2,3,4	C	NA4-1,2,3,4
North	L	7	1,2,3,4	C	NL7-1,2,3,4
South	A	8	1,2,3,4	C	SA8-1,2,3,4
South	L	3	1,2,3,4	C	SL3-1,2,3,4
East	A	6	1,2,3,4	C	EA6-1,2,3,4
East	A	6	5	C	EA6-5
East	L	1	1,2,3,4	C	EL1-1,2,3,4
East	R	6	1,2,3,4	C	ER6-1,2,3,4
West	A	2	1,2,3,4	C	WA2-1,2,3,4
West	A	2	5	C	WA2-5
West	L	5	1,2,3,4	C	WL5-1,2,3,4
West	R	2	1,2,3,4	C	WR2-1,2,3,4



- Notes:**
- Existing signal equipment will be removed and salvaged. It will be determined at a future submittal if the equipment be returned to INDOT or become property/responsibility of the contractor when removed.
 - Coordinate with District Traffic to determine if the existing strain pole on the NE quadrant can be used in place or if they want a new pole installation. During the Utility Coordination process it will be determined if the signal span, catenary, tether and pole have adequate clearance to the distribution cable.

RECOMMENDED FOR APPROVAL: *ENG SIGNATURES* 6/7/2022
 DESIGN ENGINEER DATE

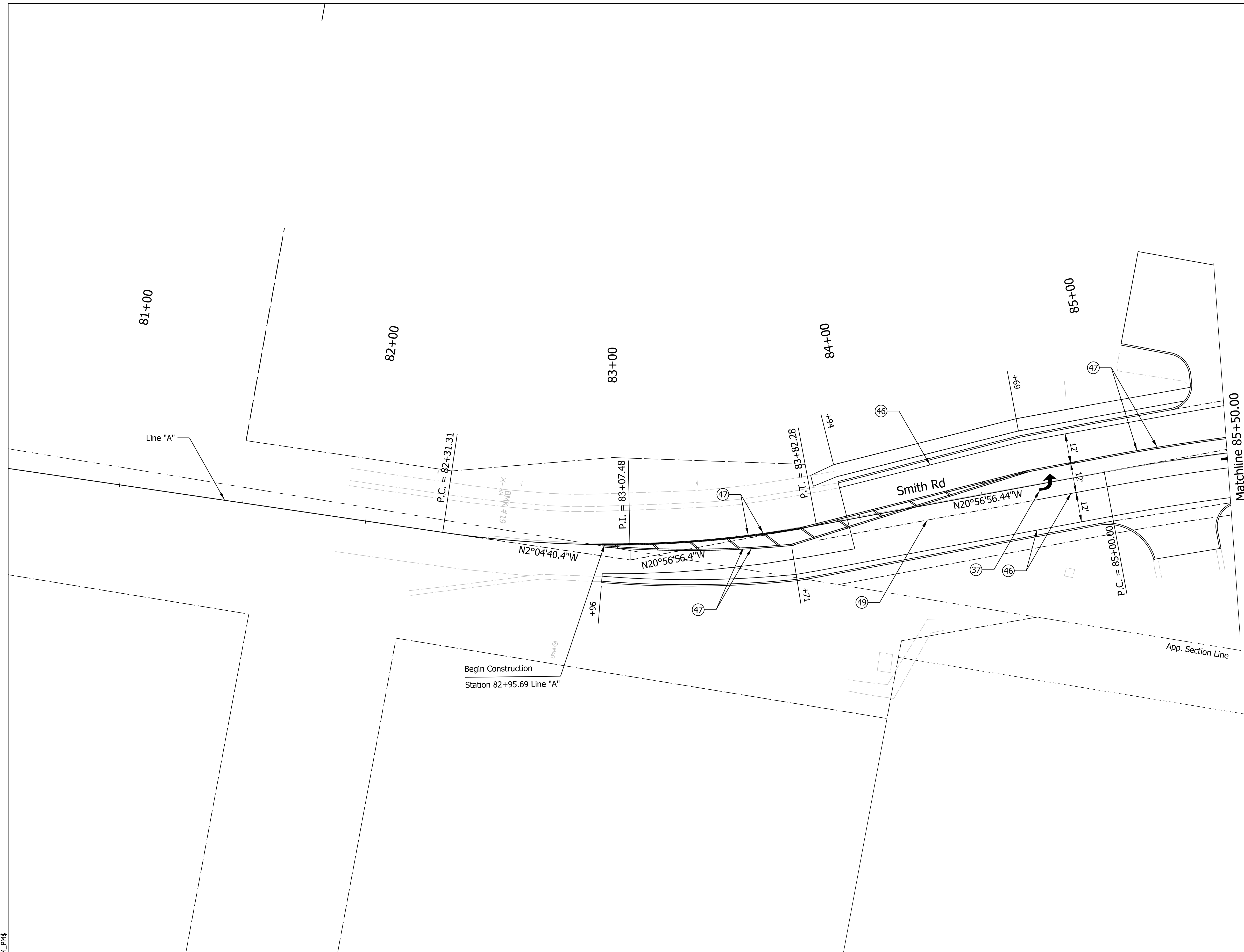
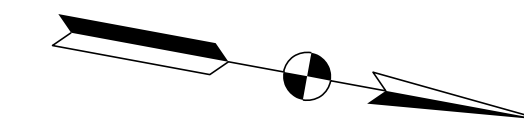
DESIGNED: \$DESBY\$ 6/7/2022 DRAWN: \$DWNBY\$ 6/7/2022
 CHECKED: \$DESCHKBY\$ 6/7/2022 CHECKED: \$DWNCHKBY\$ 6/7/2022

INDIANA
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN
 AT SR 46 AND SMITH ROAD
 COUNTY CO. DISTRICT DIST.

COMM. NO. 01-053-036	
SCALE 1"=20'	BRIDGE FILE N/A
	DESIGNATION 1800208
SURVEY BOOK Electronic	SHEETS 51 of 96
CONTRACT R-41465	PROJECT 1800208

Plot: L:\INDOT\18070904-11\Draw\Sheets\Sht_Signal_20_01.dgn



LEGEND

(37)	Thermoplastic Pavement Marking Message	(40)	24 in. Stop Line White Thermoplastic Transverse Marking	(49)	8 in. Broken White Thermoplastic Line
(38)	6 in. Crosswalk Edge Line White Thermoplastic Transverse Marking	(46)	4 in. Solid White Thermoplastic Line		
(39)	12 in. Crosshatch Line Yellow Thermoplastic Transverse Marking	(47)	4 in. Solid Yellow Thermoplastic Line		
		(48)	6 in. Solid White Thermoplastic Line		

NOT FOR CONSTRUCTION

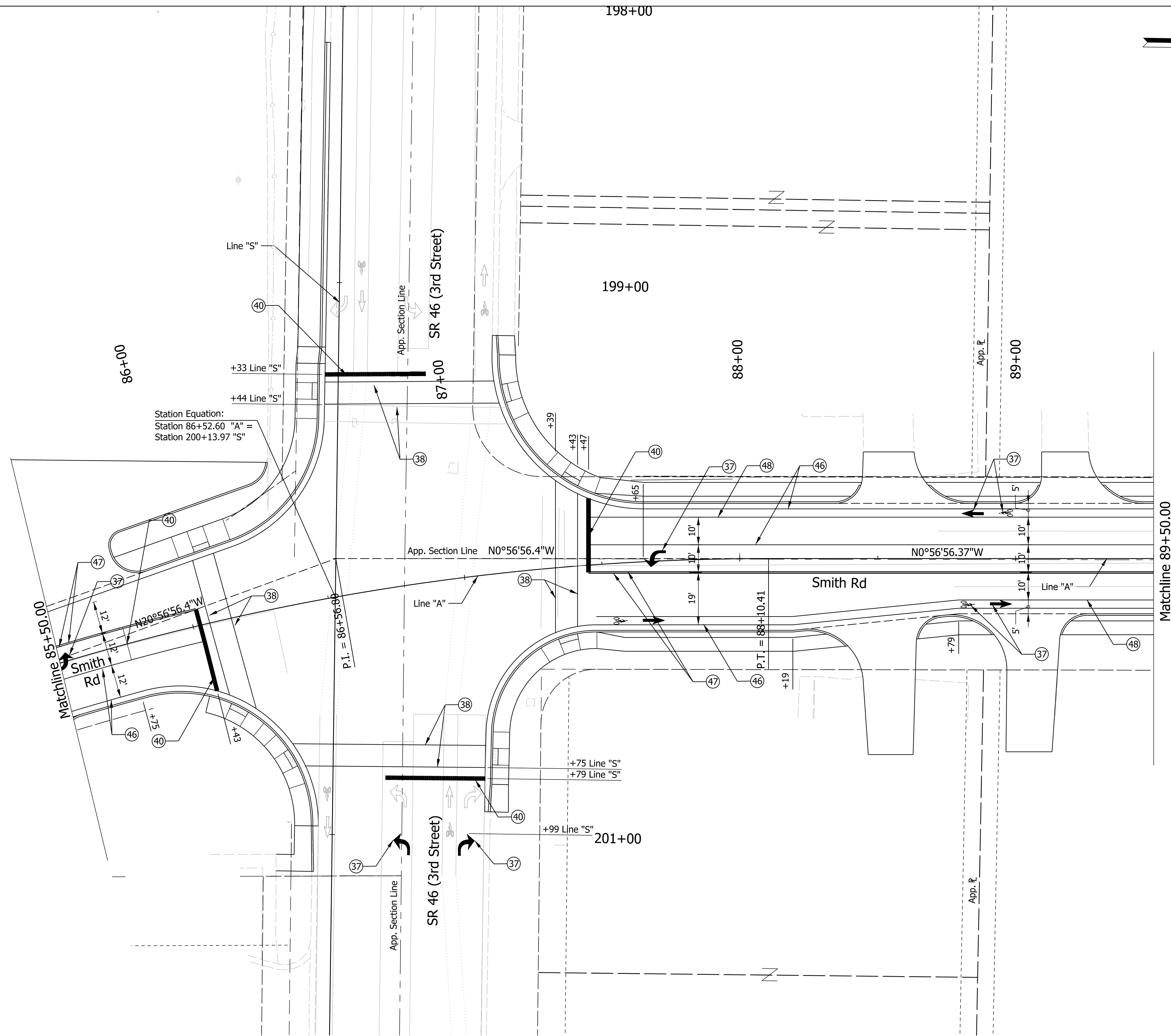
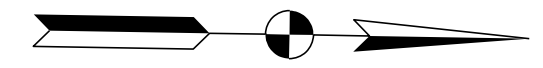
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING
Sta. 81+50.00 to 85+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	52 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Sheets\Sht_PMK_20_01.dgn



Station Equation:
 Station 86+52.60 "A" =
 Station 200+13.97 "S"

LEGEND					
(37)	Thermoplastic Pavement Marking Message	(40)	24 in. Stop Line White Thermoplastic Transverse Marking	(49)	8 in. Broken White Thermoplastic Line
(38)	6 in. Crosswalk Edge Line White Thermoplastic Transverse Marking	(46)	4 in. Solid White Thermoplastic Line		
(39)	12 in. Crosshatch Line Yellow Thermoplastic Transverse Marking	(47)	4 in. Solid Yellow Thermoplastic Line		
		(48)	6 in. Solid White Thermoplastic Line		

NOT FOR CONSTRUCTION

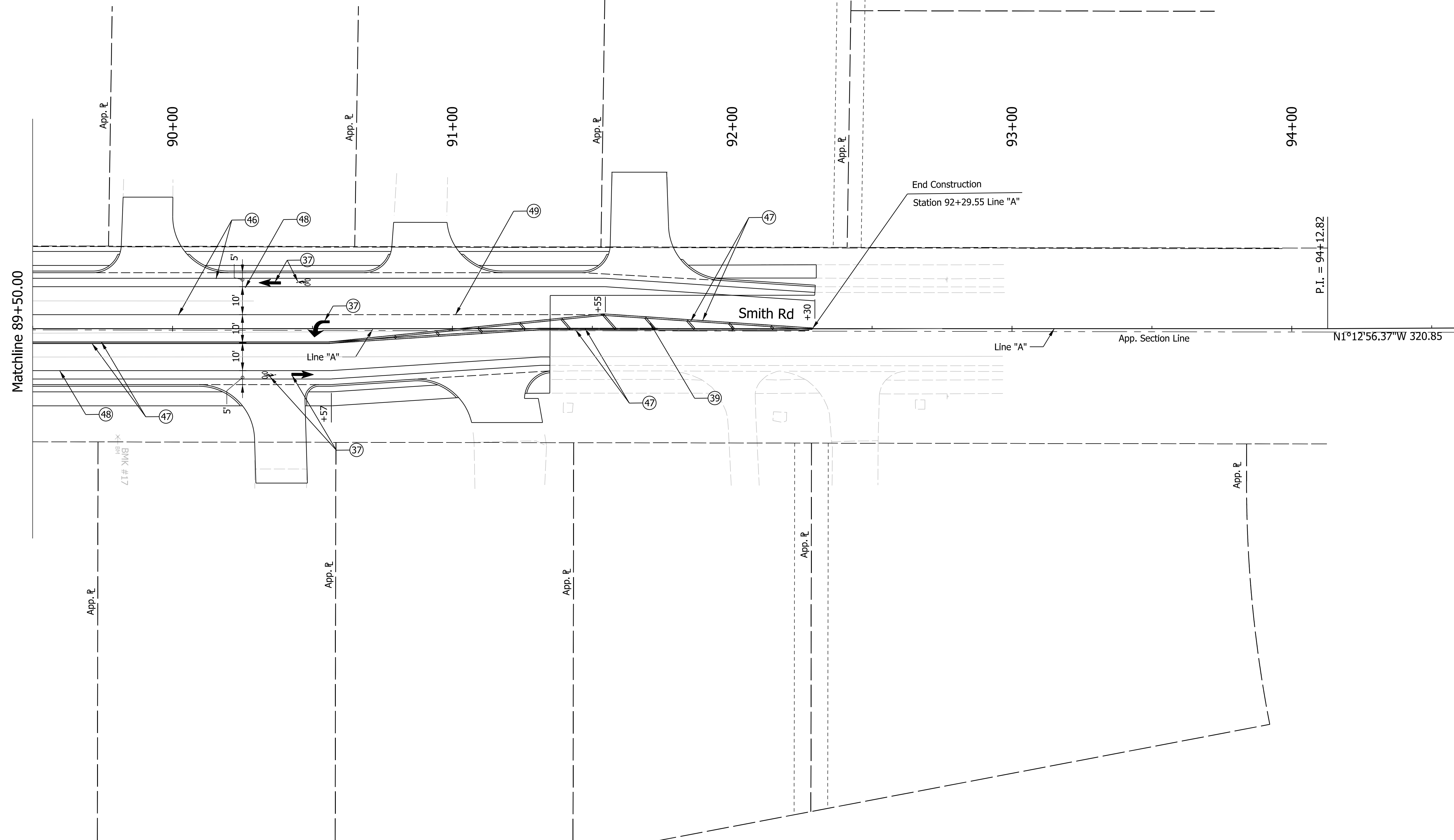
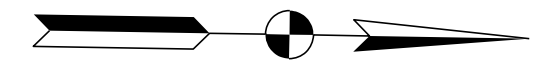
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING
 Sta. 85+50.00 to 89+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	53 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Sheets\Sht_PMK_20_02.dgn



P:\DOT\PROJECT\TIMES\PLAN_PMS

LEGEND

- | | | |
|---|--|--|
| (37) Thermoplastic Pavement Marking Message | (40) 24 in. Stop Line White Thermoplastic Transverse Marking | (49) 8 in. Broken White Thermoplastic Line |
| (38) 6 in. Crosswalk Edge Line White Thermoplastic Transverse Marking | (46) 4 in. Solid White Thermoplastic Line | |
| (39) 12 in. Crosshatch Line Yellow Thermoplastic Transverse Marking | (47) 4 in. Solid Yellow Thermoplastic Line | |
| | (48) 6 in. Solid White Thermoplastic Line | |

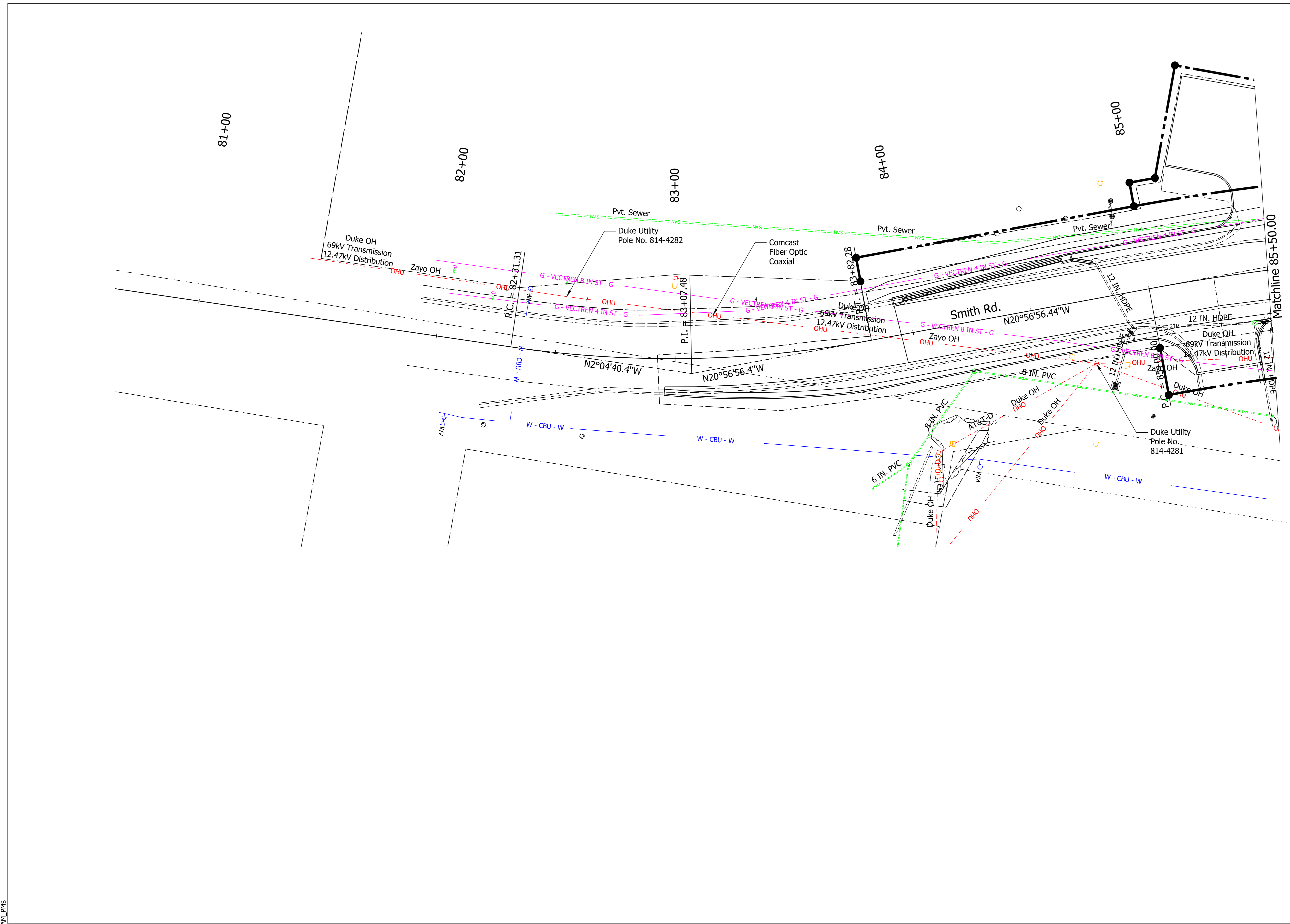
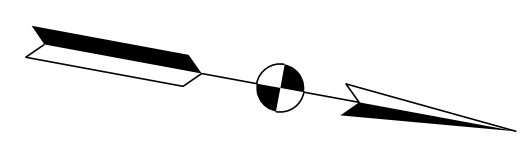
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

**PAVEMENT MARKING AND SIGNING
Sta. 89+50.00 to 93+50.00 Line "A"**

SCALE 1"=20'	BRIDGE FILE N/A
	DESIGNATION 1800208
SURVEY BOOK Electronic	SHEETS 54 of 96
CONTRACT R-41465	PROJECT 1800208



Plot: PLOT_DATE: 6/7/2022 11:56:41 AM

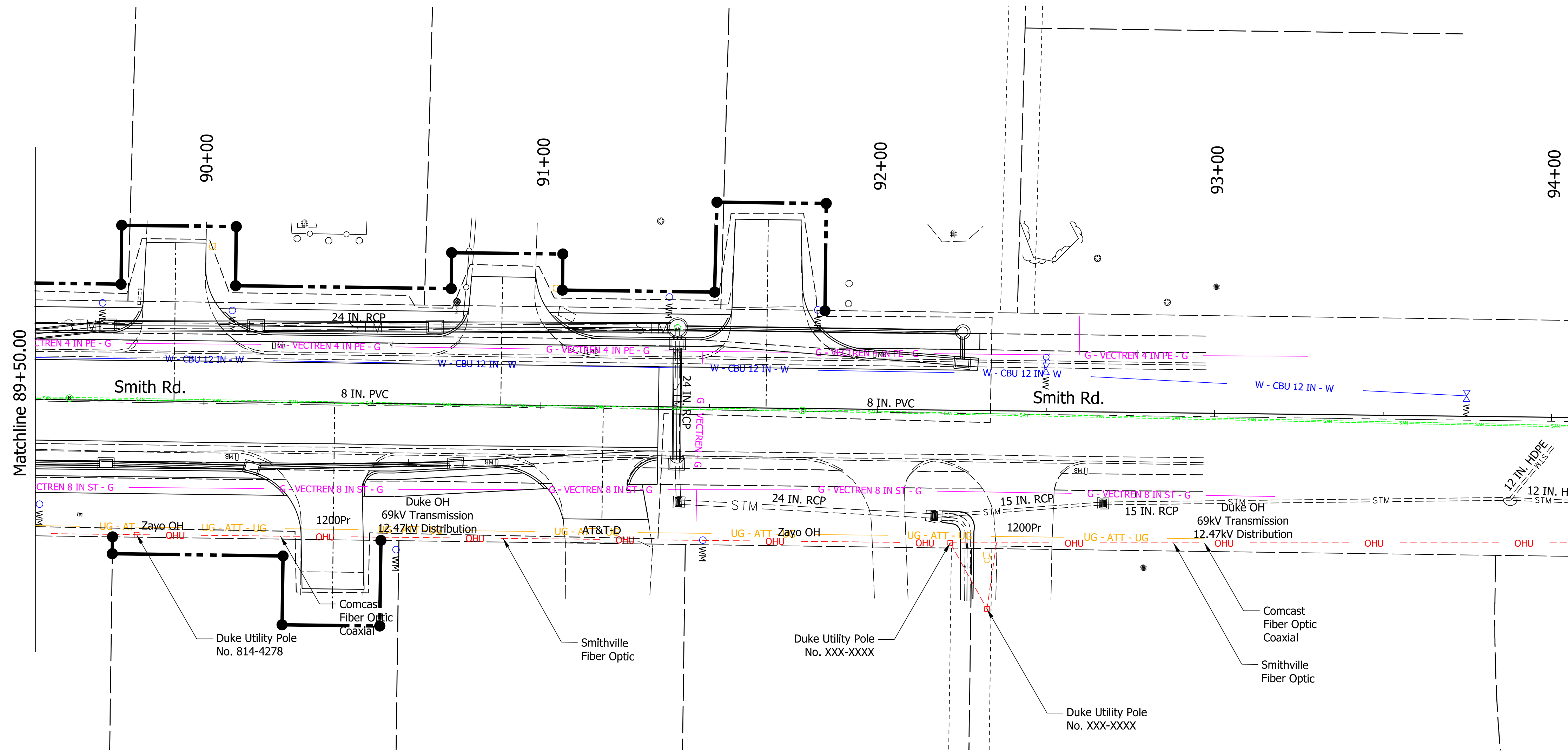
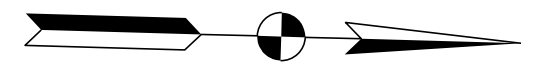
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

UTILITY DETAILS

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	54 of 94
CONTRACT	PROJECT
R-41465	1800208



Plot: L:\INDOT\18070904-11\Draw\Sheets\ShT_UtilityDetail_03.dgn

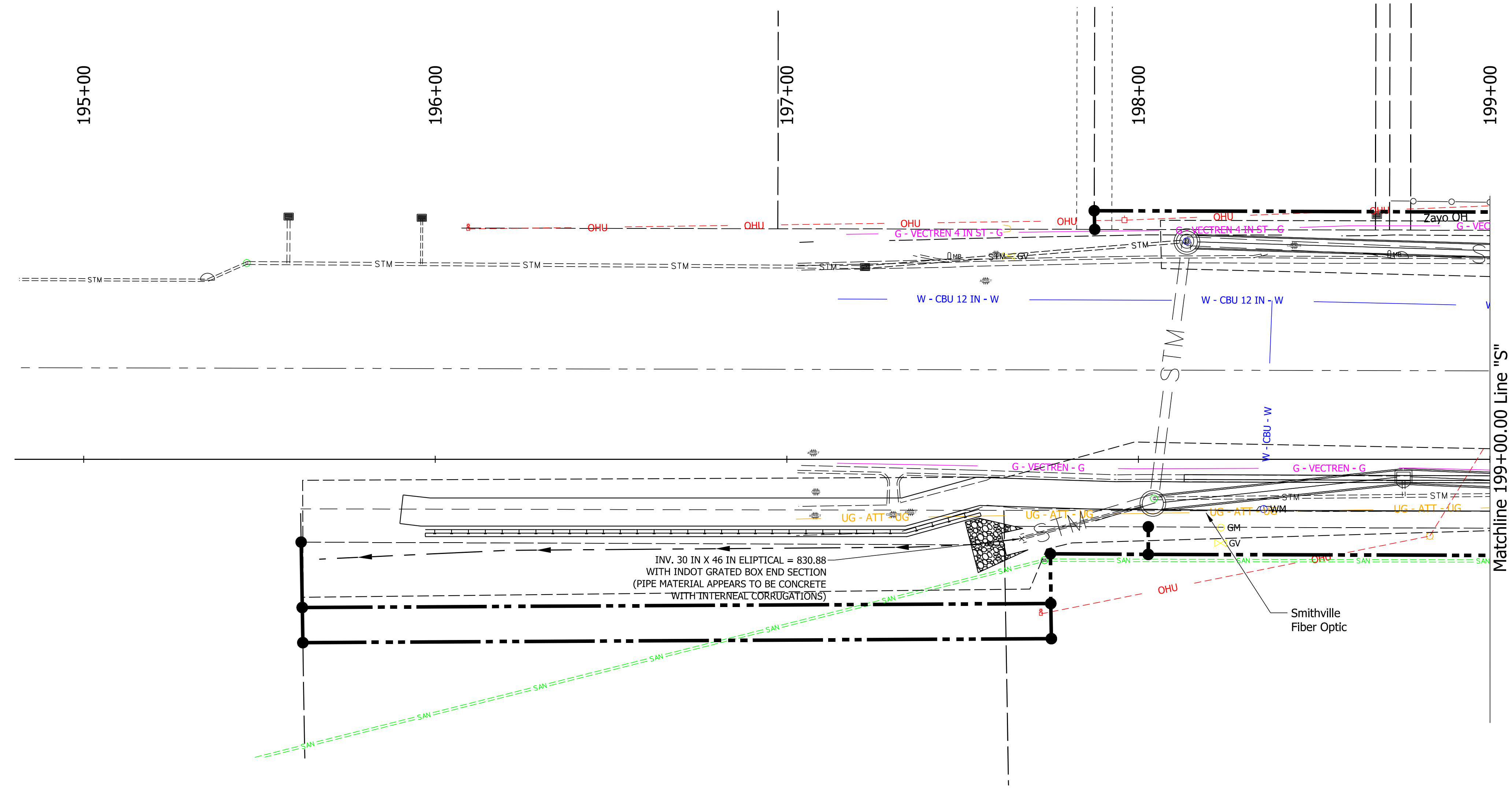
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

UTILITY DETAILS

SCALE	BRIDGE FILE
1"=20"	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	56 of 94
CONTRACT	PROJECT
R-41465	1800208



Plot: L:\INDOT\18070904-11\Draw\Sheets\ShT_UtilityDetail_04_SR46.dgn

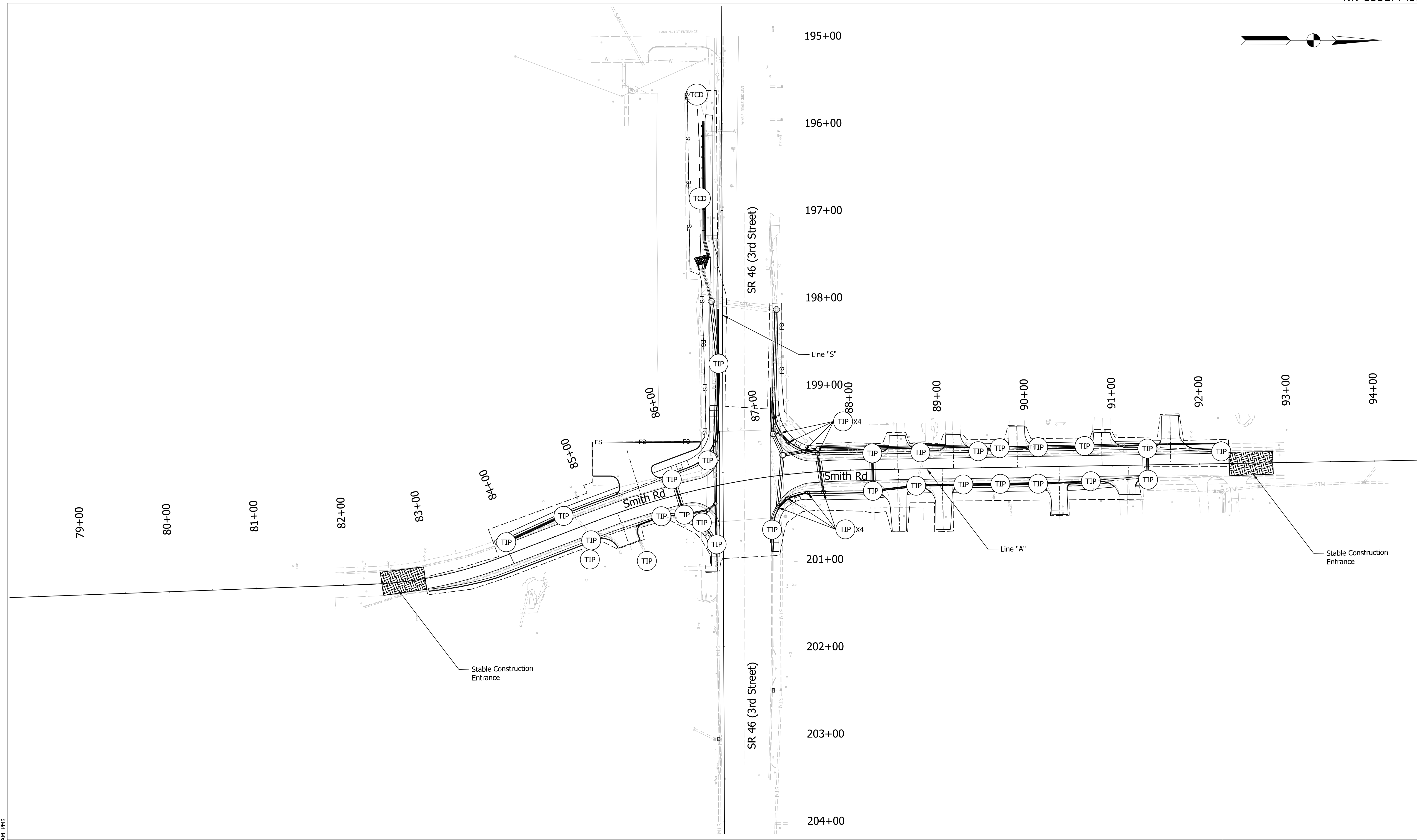
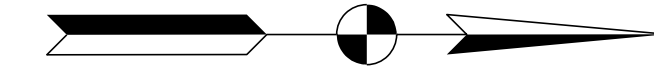
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

UTILITY DETAILS

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	57 of 94
CONTRACT	PROJECT
R-41465	1800208



Legend:

FS	Filter Sock
(TCD)	Temporary Check Dam
(TIP)	Temporary Inlet Protection

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL PLAN

SCALE	BRIDGE FILE
1"=50'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	59 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: PLOT_DATE\$ TIME\$ \$AM\$ PM\$

TEMPORARY EROSION CONTROL TABLE

LOCATION			TEMPORARY SEED MIXTURE			TEMPORARY MULCH			TEMPORARY CHECK DAM MODIFIED			TEMPORARY INLET PROTECTION			SEDIMENT TRAP			SEDIMENT BASIN			TEMPORARY SILT FENCE			FILTER SOCK			MANUFACTURED SURFACE PROTECTION PRODUCT			EROSION CONTROL BLANKET			SEDIMENT, REMOVE			TRACKOUT CONTROL DEVICE			REMARKS		
									TEMPORARY GEOTEXTILE	RIPRAP REVEITEMENT	TEMP. FILTER STONE				TEMPORARY GEOTEXTILE	RIPRAP REVEITEMENT	TEMP. FILTER STONE										TEMPORARY GEOTEXTILE	RIPRAP REVEITEMENT	TEMP. FILTER STONE	NO. 2 STONE	COMPACTED AGG. NO. 53	TEMPORARY GEOTEXTILE									
STATION	LEFT	RIGHT	MEDIAN	LBS	TON	SYS	TON	TON	EACH	SYS	TON	TON	EACH	LFT	LFT	SYS	SYS	CYS	TON	TON	SYS																				
Line "A"																																									
	82+50.00	X	X																100		235																				
	83+96.00	X							1.000										1																						
	84+68.00	X							1.000										1																						
	84+79.00		X						1.000										1																						
	84+88.00		X						1.000										1																						
85+14.00	86+39.00	X												175					2																						
	85+42.00		X						1.000										1																						
	85+75.00		X						1.000										1																						
	85+97.00	X							1.000										1																						
	86+00.00		X						1.000										1																						
	86+19.00		X						1.000										1																						
	86+30.00		X						1.000										1																						
	86+41.00	X							1.000										1																						
	87+01.00		X						1.000										1																						
	87+11.00		X						1.000										1																						
	87+24.00	X							1.000										1																						
	87+24.00		X						1.000										1																						
	87+32.00	X							1.000										1																						
	87+48.00	X							1.000										1																						
	87+48.00		X						1.000										1																						
	87+64.00	X							1.000										1																						
	87+67.00		X						1.000										1																						
	88+25.00	X							1.000										1																						
	88+25.00		X						1.000										1																						
	88+75.00		X						1.000										1																						
	88+80.00	X							1.000										1																						
	89+29.00		X						1.000										1																						
	89+46.00	X							1.000										1																						
	89+71.00		X						1.000										1																						
	89+71.00	X							1.000										1																						
	90+15.00		X						1.000										1																						
	90+15.00	X							1.000										1																						
	90+68.00	X							1.000										1																						
	90+75.00		X						1.000										1																						
	91+40.00	X							1.000										1																						
	91+40.00		X						1.000										1																						
	92+25.00	X							1.000										1																						
	92+50.00	X	X																100		235																				
Line "S"																																									
195+62.00	199+65.00		X											415					4																						
	195+65.00		X			30	20	10											1																						
	196+85.00		X			30	20	10											1																						
198+05.00	199+30.00	X												125					1																						
	198+75.00		X						1.000										1																						
TOTAL						0	0	60	40	20	36	0	0	0	0	0	715	0	45	200	0	470																			

Plot Times: \$AM_PM\$

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	6/7/2022	DATE
DESIGNED: \$DESBY\$ _____	6/7/2022	DRAWN: \$DWNBY\$ _____	6/7/2022
CHECKED: \$DESCHKBY\$ _____	6/7/2022	CHECKED: \$DWNCHKBY\$ _____	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION	
EROSION CONTROL TABLE	

SCALE	BRIDGE FILE
	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	60 of 96
CONTRACT	PROJECT
R-41465	1800208

PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADII	DISTANCE BEYOND R/W LINE	SURFACE BEYOND R/W LINE			GRADE	EXCAVATION	HMA FOR APPROACHES				MILLING, ASPHALT, 1 1/2 IN.	ASPHALT FOR TACK COAT	SUBGRADE TREATMENT, TYPE IC	HMA PATCHING TYPE C		PCCP FOR APPROACHES	SUBGRADE TREATMENT, TYPE II	DENSE GRADED SUBBASE	COMPACTED AGGREGATE, NO 53	JOINT ADHESIVE		LIQUID ASPHALT SEALANT	CURB RAMP, CONCRETE	CURB AND GUTTER, CONCRETE	SIDEWALK, CONCRETE	CURB, CONCRETE, REMOVE	CURB AND GUTTER, REMOVE	PAVEMENT, REMOVAL	REMARKS										
						COMPACTED AGGREGATE BASE	HMA	CONCRETE			LBS. PER SYD.		LBS. PER SYD.	LBS. PER SYD.				FULL DEPTH	PARTIAL DEPTH					TYPE										SURFACE	INTERMEDIATE								
											1	2												6 IN.	9 IN.																		
						SYS	SYS	SYS			%	%	CYS	CYS				SYS	SYS					TON	TON									TON	TONS	TONS	SYS	SYS	SYS	CYS	TONS	LFT	LFT
Smith Road - Line "PR-A"																																											
Sta. 82+96.00 to Sta. 92+30.00	Mainline																																										
Sta. 85+27.29 Rt.	Class III Drive	26.00	17.72	10 / 20	13																																						
Sta. 85+58.77 Lt.	Class III Drive	38.00	47.86	10 / 20	39.86																																						
Sta. 88+53.30 Lt.	Class I Drive	18.00	20.30	10 / 20	10.58																																						
Sta. 88+54.84 Rt.	Class III Drive	17.00	49.10	10 / 20	30.7																																						
Sta. 89+04.80 Rt.	Class I Drive	17.00	50.00	10 / 20	29.61																																						
Sta. 89+17.96 Lt.	Class I Drive	18.00	18.00	10 / 20	8.38																																						
Sta. 89+91.10 Lt.	Class I Drive	18.00	27.00	10 / 20	17.5																																						
Sta. 90+38.82 Rt.	Class I Drive	18.00	41.00	10 / 20	20.39																																						
Sta. 90+88.11 Lt.	Class I Drive	20.00	20.00	10 / 20	8.66																																						
Sta. 91+18.53 Rt.	Class I Drive	22.00	17.83	10 / 20																																							
Sta. 91+61.84 Lt.	Class I Drive	20.00	37.55	10 / 20	26.7																																						
Sta. 195+50.00 to Sta. 199+00.00	Mainline																																										
TOTAL												119	303	254	254								2	1665																			

PAVED SIDE DITCH, RIPRAP DITCH, AND SODDING SUMMARY TABLE																					
LOCATION		PAVED SIDE DITCH						RIPRAP DITCH				SODDING									
FROM STATION	TO STATION	LEFT	MEDIAN	RIGHT	ACTUAL LENGTH	CUT OFF WALLS (8' EQUIV. LENGTH EACH)	LUGS (8' EQUIV. LENGTH EACH)	TOTAL EQUIVALENT PAY LENGTHS			CLASS 1 RIPRAP	REVETMENT RIPRAP	UNIFORM RIPRAP	GEOTEXTILES, TYPE 1A	FOR PAVED SIDE DITCHES	FOR DITCHES	FOR MEDIAN	FOR SHOULDER BREAK	SODDING AT BRIDGE CONE	TOTAL SODDING	NURSERY SODDING FOR LAWNS
								LFT	LFT	LFT											
Line "S"																					
196+27.00	197+67.00			X																124	124
TOTALS											0	0			124					124	

Plot: PLOT - D:\DOT\18070904-11\Draw\Sheets\Sht_Table_Approach_Sodding.dgn

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	6/7/2022
DESIGNED: \$DESBY\$ _____	DRAWN: \$DWNBY\$ _____	6/7/2022
CHECKED: \$DESCHKBY\$ _____	CHECKED: \$DWNCHKBY\$ _____	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

APPROACH TABLE AND SODDING TABLE

SCALE 83.3333' / in.	BRIDGE FILE N/A
	DESIGNATION 1800208
SURVEY BOOK Electronic	SHEETS 61 of 96
CONTRACT R-41465	PROJECT 1800208

PAVEMENT MARKINGS SUMMARY OF QUANTITIES																							
LOCATION	LINE, THERMOPLASTIC					LINE, PREFORMED PLASTIC		LINE, MULTI-COMPONENT				TRANSVERSE MARKINGS, THERMOPLASTIC			TRANSVERSE MARKINGS, CROSSHATCH, LINE			PAVEMENT MESSAGE THERMOPLASTIC LANE INDICATION ARROW	PAVEMENT MESSAGE THERMOPLASTIC WORD "ONLY"	SIGN/RAISEABLE RAISED PAVEMENT MARKERS			
	SOLID WHITE 4 in	SOLID YELLOW 4 in	SOLID WHITE 12 in	SOLID WHITE 8 in	DASHED WHITE 4 in	DOTTED WHITE 4 in	BROKEN WHITE 4 in	SOLID WHITE 6 in	SOLID YELLOW 6 in	SOLID WHITE 8 in	DOTTED WHITE 4 in	YIELD LINE WHITE 36 in	CROSSWALK LINE WHITE 24 in	STOP LINE WHITE 24 in	SOLID YELLOW 12 in	SOLID WHITE 8 in	SOLID WHITE 6 in						
	Lft	Lft	Lft	Lft	Lft	Lft	Lft	Lft	Lft	Lft	Lft	Lft	Lft	Lft	Lft	Lft	Lft						
North Leg																		30	90	6			
South Leg																		23	90	2			
East Leg																		36	180				
West Leg																		36	170	2			
Line "A" Sta 82+96.00 to 86+03.00	445	960															68						
Line "A" Sta 87+45.00 to 92+29.00	742	1,280															68						
Total	1,187	2,240	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125	135	530	0	10	0	0

SHEET SIGN & POST SUMMARY																						
SIGN						POST															REMARKS	
PLAN / LINE	SIGN LOCATION (STA.)	OFFSET (FT.)	SIGN CODE	SIGN SIZE (WIDTH IN x HEIGHT IN)	GROUND - MOUNTED SIGN AREA (ft ²)			U CHANNEL				SQUARE										
					0.080"	0.100"	0.125"	POST LENGTH		REINFORCED ANCHOR		2 1/2" X 2 1/2" - 12 GA. (TYPE 3)			2" X 2" - 12 GA. (TYPE 2)			2 1/4" X 2 1/4" - 12 GA. (TYPE 1)				
								1	2	TYPE "A"	TYPE "B"	POST LENGTH (FT.)			POST LENGTH (FT.)			POST LENGTH (FT.)				
					FT.	FT.	FT.	FT.	1	2	TOTAL	1	2	TOTAL	1	2	TOTAL	1	2	TOTAL		
OVERHEAD SIGNS																						
			R3-5L x4	30 x 36	30																	
			R3-5R x2	30 x 36	15																	
			R10-5Ya x4	30 x 36	30																	
	NB Span		"SR 46"	42 x 18				6														
	EB Span		"Smith Rd"	60 x 18				8														
	SB Span		"SR 46"	42 x 18				6														
	WB Span		"Smith Rd"	60 x 18				8														
GROUND MOUNTED SIGNS																						
	84+35.00	20 (L)	RS-031	24 x 24	4							6										
	85+38.50	30 (L)	R1-1	30 x 30	6.25							6										
	85+38.50	30 (L)	R5-2	24 x 24	4																	
	85+60.00	22 (R)	RS-031	24 x 24	4							6										
	87+85.00	22 (L)	D11-1	24 x 18	3							6										
	87+85.00	22 (L)	M6-3	12 x 9	0.75																	
	88+10.00	22 (L)	R7-2A	12 x 18	1.5							6										
	88+15.00	35 (R)	R2-1	24 x 30	5							6										
	90+55.00	22 (L)	R7-2A	12 x 18	1.5							6										
	90+60.00	35 (R)	R7-2A	12 x 18	1.5							6										
Total						107	28	0				48				0			0			

P:\PLOT_DRAWING_TIMES\$.dgn

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	6/7/2022	DATE
DESIGNED: \$DESBY\$ _____	6/7/2022	DRAWN: \$DWNBY\$ _____	6/7/2022
CHECKED: \$DESCHKBY\$ _____	6/7/2022	CHECKED: \$DWNCHKBY\$ _____	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGN SHEET SUMMARY TABLES

SCALE	BRIDGE FILE
	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	62 of 96
CONTRACT	PROJECT
R-41465	1800208

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION				SIZE FT INCHES	DESCRIPTION		LENGTH LFT	SKEW	FLOW LINE			TOP OF CASTING ELEV.	PIPE END SECTION(S) EA.	SERVICE LIFE YRS.	BACKFILL METHOD	STR. BACKFILL, TYPE 2* CYS	CORE DRILLING EA.	CONNECT TO STR.	REMARKS
	STATION	LEFT	RIGHT	CROSS		INDOT PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE			COVER LFT	UP STREAM ELEV.	DOWN STREAM ELEV.								
100	Line "A" 87+00.00	X			60.50	12	Type 2, Circular	Inlet, B15	11.34		3.33	833.93	833.62	837.25	N/A	NA			9026	
101	87+12.00		X		36.20	27.6	Ex. 2.3 Ftx3.5 Ft Elliptical CMP	Manhole, Type D, Modified	60.27		0.96	833.42	833.04	837.03	N/A	NA			9017	
102	87+24.00		X		26.70	12	Type 2, Circular	Inlet, C15	15.39		1.74	833.44	833.39	837.73	N/A	NA			101	
103	87+58.00		X		22.70	12	Type 2, Circular	Inlet, B15	23.82		1.39	833.60	833.50	836.52	N/A	NA			102	
104	87+67.00			X	23.50	18	Type 2, Circular	Inlet, B15	44.48		1.34	833.58	833.14	836.26	N/A	NA			406	
105	87+85.00			X	24.40	18	Type 2, Circular	Manhole, Type D Modified	43.04		1.28	834.00	833.83	837.07	N/A	NA			408	
106	88+25.00		X		19.20	12	Type 2, Circular	Inlet, C15	49.93		1.01	834.86	834.19	837.93	N/A	NA			105	
107	88+75.00		X		18.80	12	Type 2, Circular	Inlet, C15	54.11		1.19	835.24	834.87	838.76	N/A	NA			106	
108	89+29.00		X		18.80	12	Type 2, Circular	Inlet, C15	42.38		1.64	835.53	835.25	839.50	N/A	NA			107	
109	89+71.00		X		19.60	12	Type 2, Circular	Inlet, C15	43.30		2.09	835.80	835.54	840.27	N/A	NA			108	
110	90+15.00		X		17.50	12	Type 2, Circular	Inlet, B15	60.50		2.59	836.15	835.81	841.52	N/A	NA			109	
199	86+40.00			X	19.70	30	Type 2, Circular	Manhole, Type C Modified	54.26		2.20	832.15	832.00	836.93	N/A	1			300	
200	86+31.00		X		66.00	15	Ex. HDPE	Manhole, Type C Modified	46.80		2.41	833.57	832.94	837.22	N/A	NA			9036	
201	86+36.00		X		24.80	15	Type 2, Circular	Manhole, Type C Modified	11.18		2.40	833.20	832.95	836.73	N/A	NA			9036	
202	86+18.00		X		37.10	12	Type 2, Circular	Inlet, B15	16.55		2.20	833.33	833.20	836.45	N/A	NA			201	
203	86+00.00		X		24.20	15	Type 2, Circular	Manhole, Type J Modified	27.91		1.95	833.78	833.20	836.68	N/A	NA			201	
204	85+98.00			X	19.40	12	Type 2, Circular	Inlet, B15	42.89		2.20	834.40	833.87	837.49	N/A	NA			203	
205	84+88.00		X		18.60	12	Type 2, Circular	Inlet, C15	4.75		2.41	837.30	837.29	841.04	N/A	NA			9047	
206	84+68.00		X		18.50	12	Type 2, Circular	Inlet, C15	12.54		1.60	838.75	838.70	842.00	N/A	NA			9049	
207	83+96.00		X		14.20	12	Type 2, Circular	Inlet, B15	72.32		1.18	839.25	838.95	844.96	N/A	1			206	
299	85+74.00		X		18.80	12	Type 2, Circular	Manhole, Type C, Modified	26.28		1.48	834.45	833.87	837.40	N/A	1			9042	
300	86+50.00		X		33.40	36	2.3 Ftx3.5 Ft Elliptical CMP	Manhole, Type C, Modified	106.26		1.76	831.75	831.34	836.53	N/A	1			9042	
301	86+44.00		X		33.00	12	Type 2, Circular	Inlet, B15	9.69		2.68	832.61	832.52	836.40	N/A	1			300	
400	87+17.00		X		47.90	36	2.3 Ftx3.5 Ft Elliptical CMP	Manhole, Type D Modified	142.50		1.14	832.55	832.00	836.72	N/A	1			9023	
401	87+25.00		X		47.80	12	Type 2, Circular	Inlet, C15	7.62		2.79	832.72	832.60	836.46	N/A	1			400	
402	87+32.00		X		35.00	12	Type 2, Circular	Inlet, B15	14.63		2.32	832.98	832.80	836.45	N/A	1			401	
403	87+50.00		X		24.50	30	Type 2, Circular	Manhole, Type K Modified	24.54		0.83	833.01	832.96	836.39	N/A	1			9017	
404	87+64.00		X		25.90	30	Type 2, Circular	Manhole, Type D Modified	16.60		0.53	833.10	833.03	836.87	N/A	NA			403	
405	87+64.00		X		20.80	18	Type 2, Circular	Inlet, C15	5.47		2.06	833.13	833.11	836.33	N/A	1			404	

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

SCALE	BRIDGE FILE
	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	63 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Sheets\Sht_Str_Data.dgn

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					DESCRIPTION		LENGTH	SKEW	FLOW LINE			TOP OF CASTING	PIPE END SECTION(S)	SERVICE LIFE	BACKFILL METHOD	STR. BACKFILL, TYPE 2*	CORE DRILLING	CONNECT TO STR.	REMARKS	
	STATION	LEFT	RIGHT	CROSS	OFFSET	SIZE	INDOT PIPE TYPE			MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	COVER	UP STREAM									DOWN STREAM
	Line "A"																				
406	88+25.00	X			25.10	30	Type 2, Circular	Manhole, Type D Modified	61.88	0	1.03	833.75	833.14	837.50	N/A	0	1	0.0	0	404	
407	88+25.00	X			18.30	18	Type 2, Circular	Inlet, C15	6.27		1.99	833.83	833.81	836.94	N/A		1			406	
408	88+80.00	X			25.10	30	Type 2, Circular	Manhole, Type D Modified	55.45		1.00	833.95	833.80	838.35	N/A		1			406	
409	88+80.00	X			19.10	12	Type 2, Circular	Inlet, B15	6.04		3.12	834.09	834.03	837.86	N/A		1			408	
410	89+46.00	X			25.10	30	Type 2, Circular	Manhole, Type D Modified	65.93		1.66	834.09	833.99	839.65	N/A		1			408	
411	89+46.00	X			18.80	30	Type 2, Circular	Manhole, Type D Modified	5.95		2.84	834.12	834.11	839.08	N/A		1			410	
412	89+71.00	X			19.00	30	Type 2, Circular	Manhole, Type D Modified	24.91		2.09	834.53	834.17	839.44	N/A		1			411	
413	90+15.00	X			19.10	30	Type 2, Circular	Manhole, Type D Modified	44.06		2.01	835.30	834.61	839.95	N/A		NA			412	
414	90+69.00	X			18.70	30	Type 2, Circular	Manhole, Type D Modified	53.16		1.75	836.23	835.38	841.07	N/A		NA			413	
415	91+40.00	X			23.50	30	Type 2, Circular	Manhole, Type F Modified	71.94		1.97	837.45	836.28	843.99	N/A		NA			414	
416	91+40.00	X			18.88	12	Type 2, Circular	Inlet, B15	4.72		4.17	838.64	838.62	843.44	N/A		NA			415	
417	92+25.00	X			23.50	12	Type 2, Circular	Inlet, B15	84.68		3.84	839.30	838.95	847.82	N/A		1			416	
418	92+25.00	X			13.80	12	Type 2, Circular	Inlet, B15	9.24		7.27	839.38	839.35	847.17	N/A		1			417	
499	87+17.00	X			48.20	27.6	Type 2, Circular	Inlet, B15	26.63		1.25	832.98	832.85	836.62	N/A		1			400	
9022	87+34.00	X			281.70	15	Ex. RCP	Manhole	91.88		1.20	834.25	833.94	836.24	N/A		NA			9023	Existing Structure to Remain
9023	87+36.00	X			190.00	12	Ex. 2.3 Ft x7.5 Ft Box Culvert	Manhole	75.16		2.43	831.75	831.08	835.28	N/A		NA	NA		9042	Existing Structure to Remain
9026	87+12.00		X		64.80	27.6	Ex. 2.3 Fbx3.5 Ft Elliptical CMP	Manhole	28.42		0.98	833.58	833.40	838.15	N/A		NA			101	Existing Structure to Remain
9029	86+68.00		X		242.50	15	Ex. HDPE	Manhole	181.75		3.22	836.59	833.73	839.50	N/A		NA			9026	Existing Structure to Remain
9032	85+62.00		X		282.10	15	Ex. 2.3 Fbx3.5 Ft Elliptical CMP	Manhole	223.20		1.88	837.45	833.77	840.36	N/A		NA			200	Existing Structure to Remain
9041	86+71.00	X			137.10	15	Ex. HDPE	Manhole	71.70		2.46	831.34	831.06	836.43	N/A		NA			9042	Existing Structure to Remain
9042	86+50.00	X			208.00	46	Ex. Pipe, 22.5" restrictor plate installed in manhole	Manhole	39.40		-	831.31	830.88	836.91	N/A		NA	NA	OUTFALL		Existing Structure to Remain under Modification
9045	85+42.00		X		62.60	12	Ex. HDPE	Curb Inlet	41.79		1.72	836.61	835.54	839.74	N/A		NA			9046	Existing Structure to Remain
9046	85+42.00		X		21.00	12	Ex. HDPE	Manhole	32.34		0.81	835.29	834.54	838.58	N/A		NA			203	Existing Structure to Remain
9047	84+90.00		X		15.00	12	Ex. HDPE	Curb Inlet	50.64		1.66	837.28	835.59	841.03	N/A		NA			9046	Existing Structure to Remain
9048	84+78.00		X		38.70	12	Ex. HDPE	Drop Inlet	22.09		2.41	837.33	837.30	840.44	N/A		NA			205	Existing Structure to Remain
9049	84+80.00			X	14.10	12	Ex. HDPE	Drop Inlet	31.01		2.39	838.61	837.31	841.63	N/A		NA			9047	Existing Structure to Remain
9103	91+41.00			X	17.00	24	Ex. Type 2, Circular	Curb Inlet	35.73		1.92	839.67	839.19	843.56	N/A		NA		-		Existing Structure to Remain

Plot: L:\INDOT\18070904-11\Draw\Sheets\Sht_Str_Data.dgn

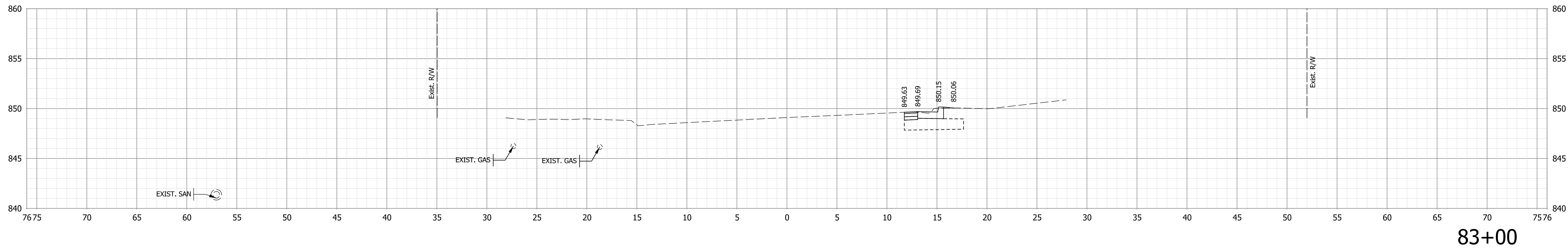
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

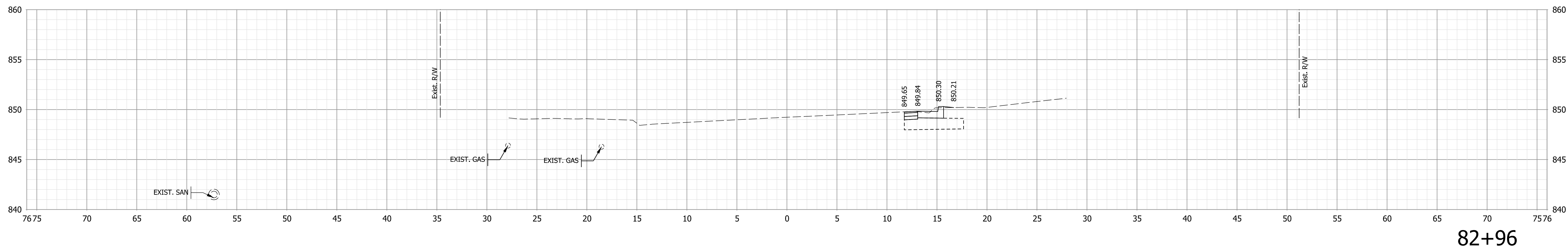
INDIANA DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

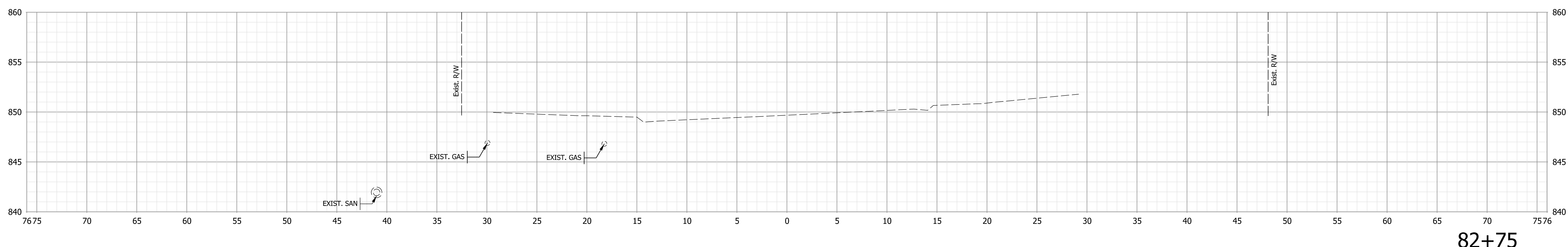
SCALE	BRIDGE FILE
	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	64 of 96
CONTRACT	PROJECT
R-41465	1800208



83+00



82+96



82+75

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA
DEPARTMENT OF TRANSPORTATION

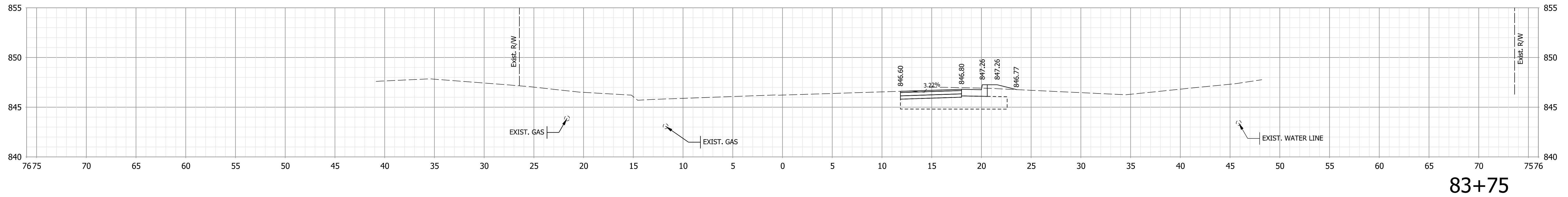
CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	65 of 96
CONTRACT	PROJECT
R-41465	1800208

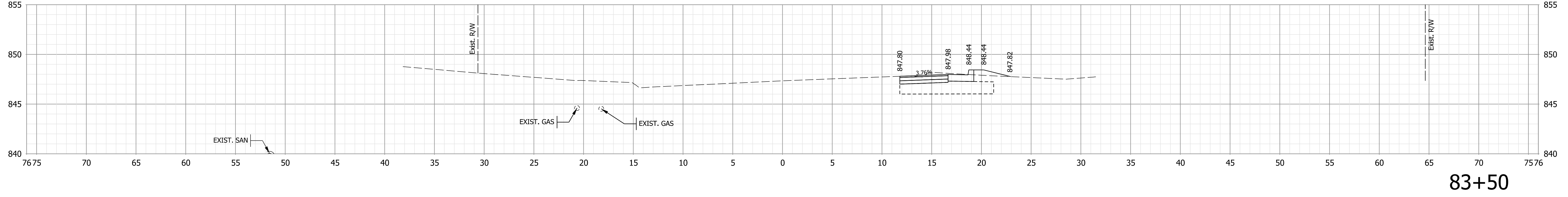
Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn

File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
 Model: \$MODEL_NAME\$

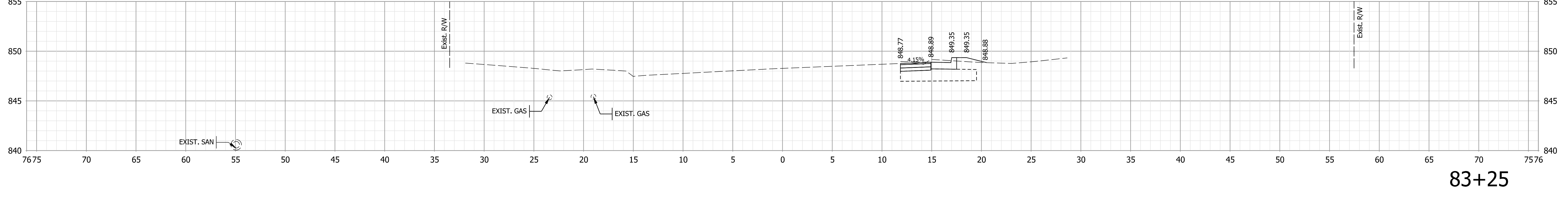
STA. 82+75 TO STA. 83+00



83+75



83+50



83+25

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

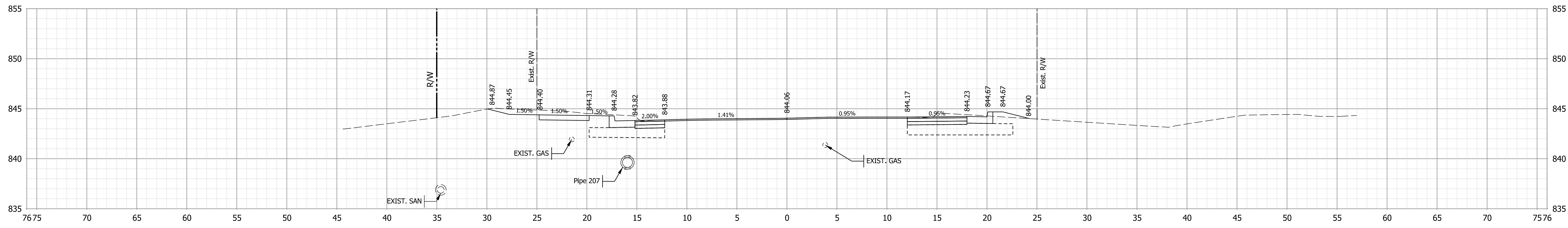
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

INDIANA
DEPARTMENT OF TRANSPORTATION

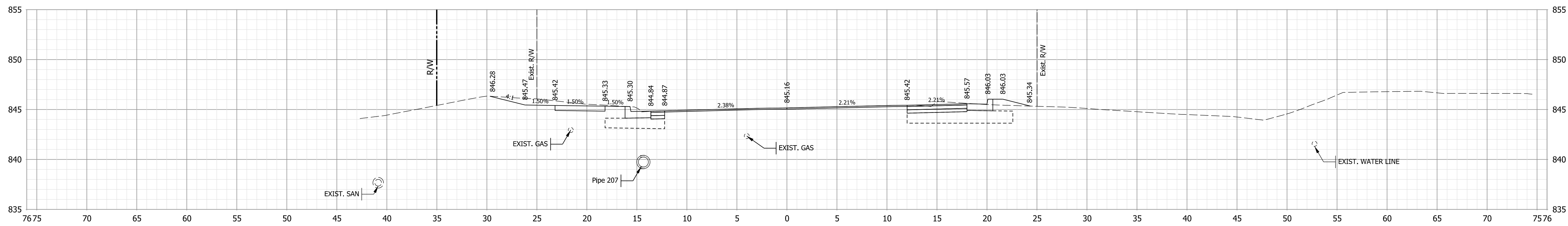
CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	66 of 96
CONTRACT	PROJECT
R-41465	1800208

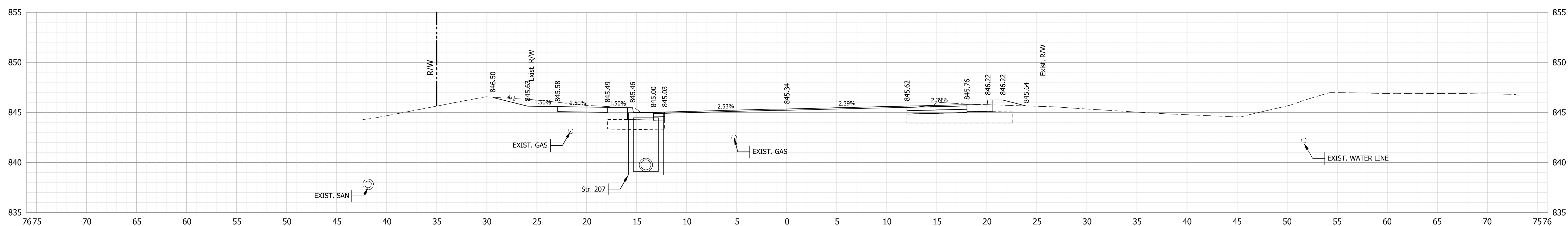
Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn



84+25



84+00



83+96

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

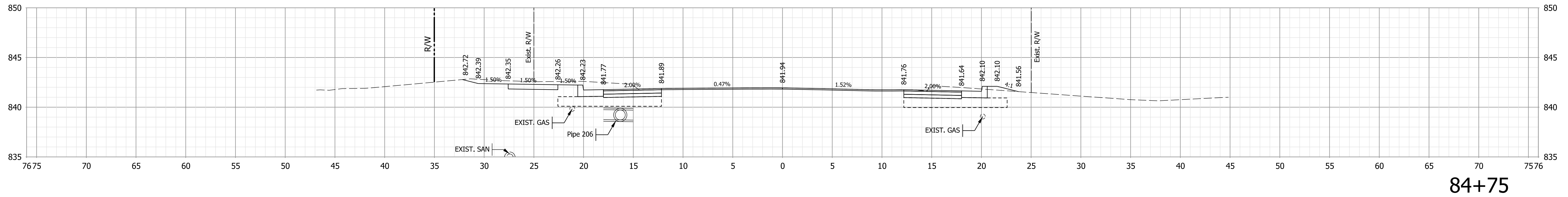
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

INDIANA
 DEPARTMENT OF TRANSPORTATION

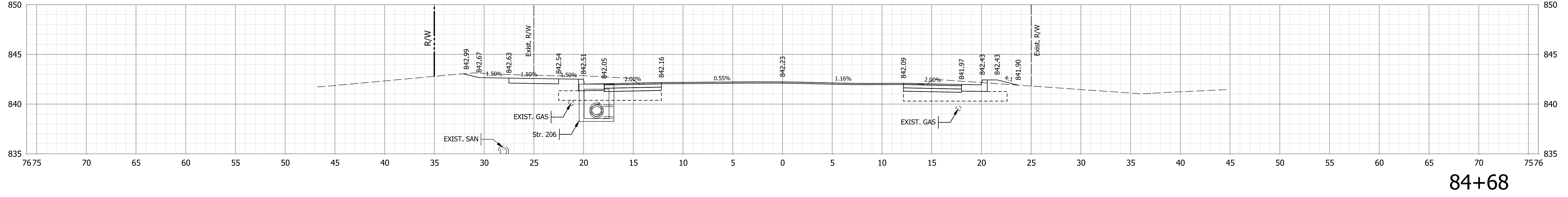
CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	67 of 96
CONTRACT	PROJECT
R-41465	1800208

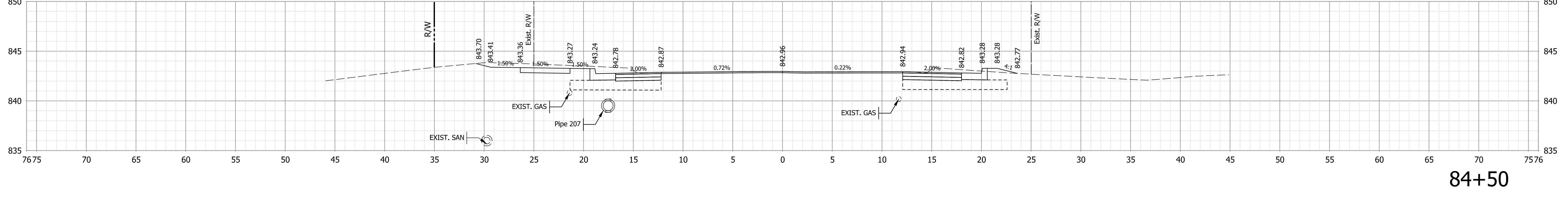
Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn



84+75



84+68



84+50

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

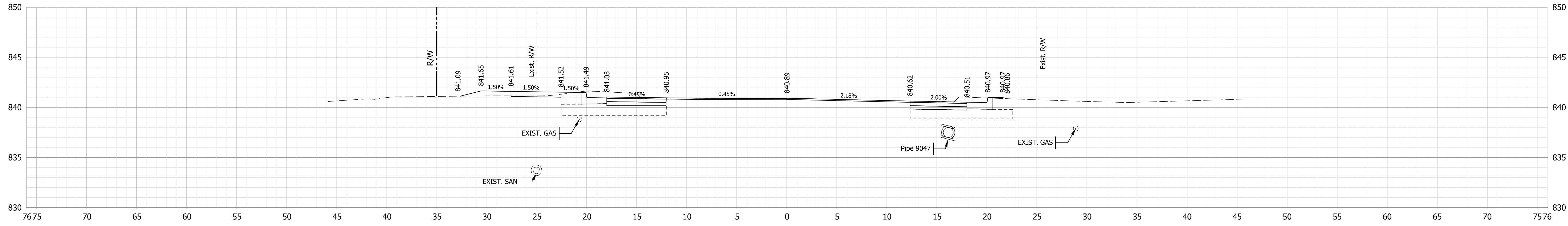
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

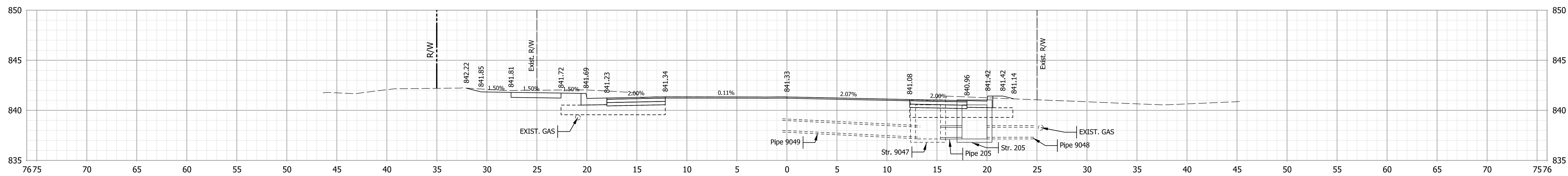
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	68 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn

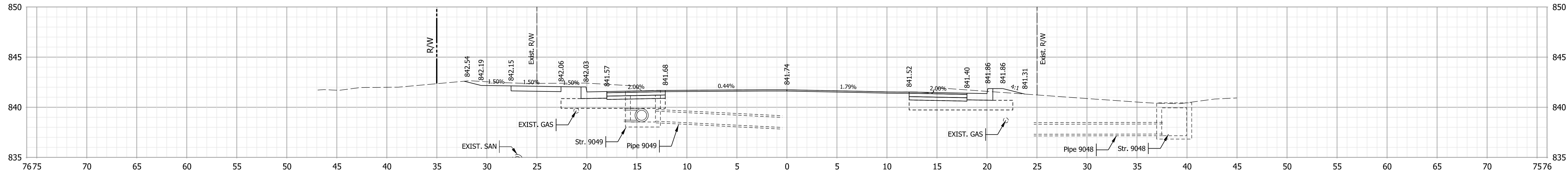
STA. 84+50 TO STA. 84+75



85+00



84+90



84+80

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

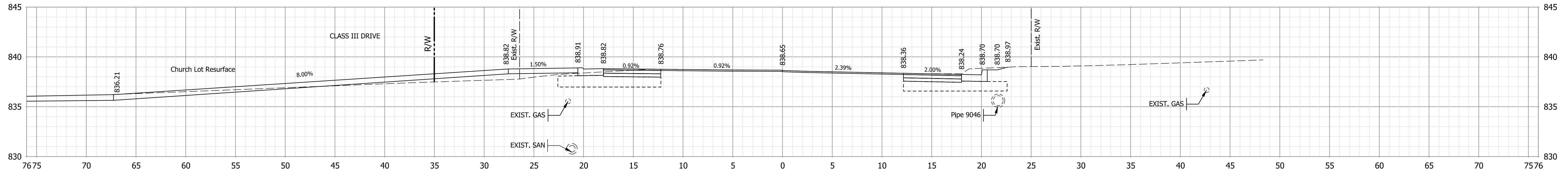
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

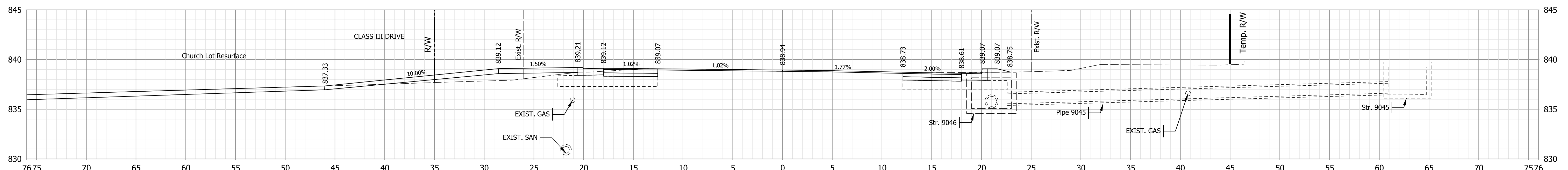
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	69 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn

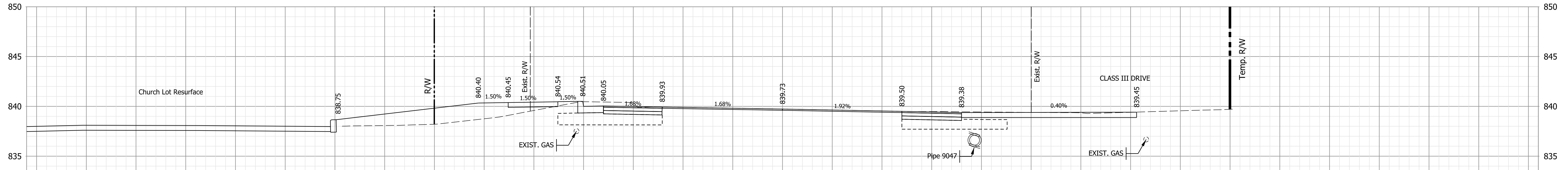
STA. 84+80 TO STA. 85+00



85+50



85+42



85+25

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

INDIANA
DEPARTMENT OF TRANSPORTATION

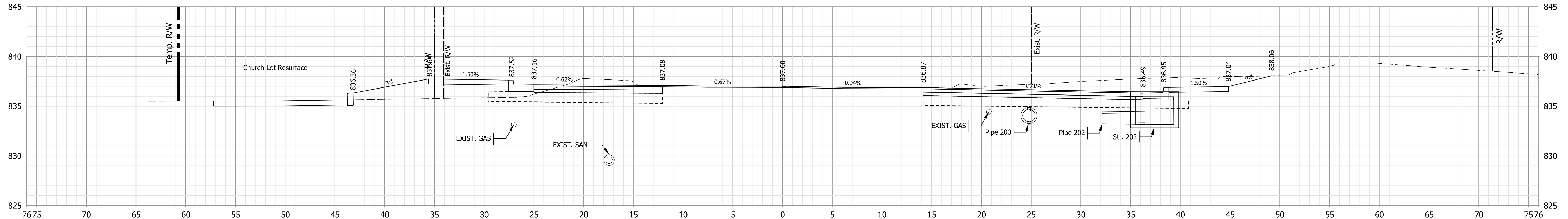
CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	70 of 96
CONTRACT	PROJECT
R-41465	1800208

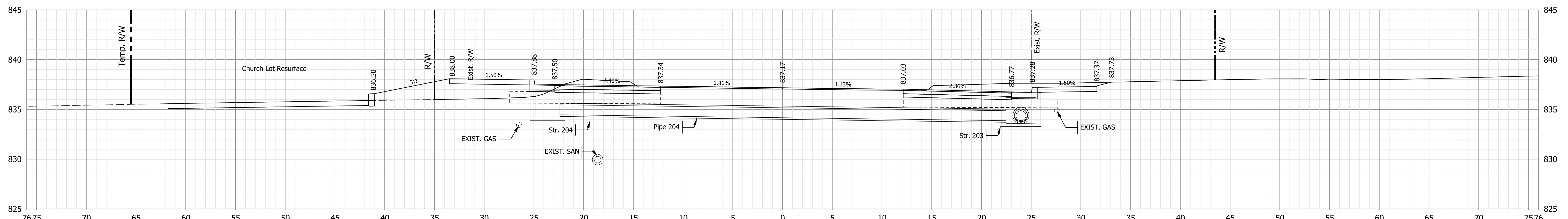
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File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
 Model: \$MODEL_NAME\$

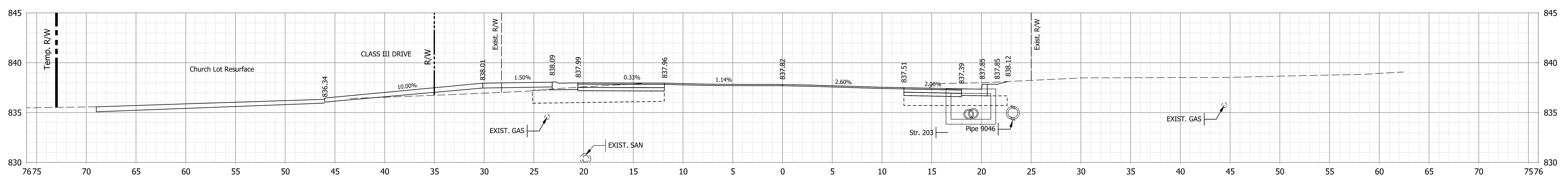
STA. 85+25 TO STA. 85+50



86+18



86+00



85+75

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

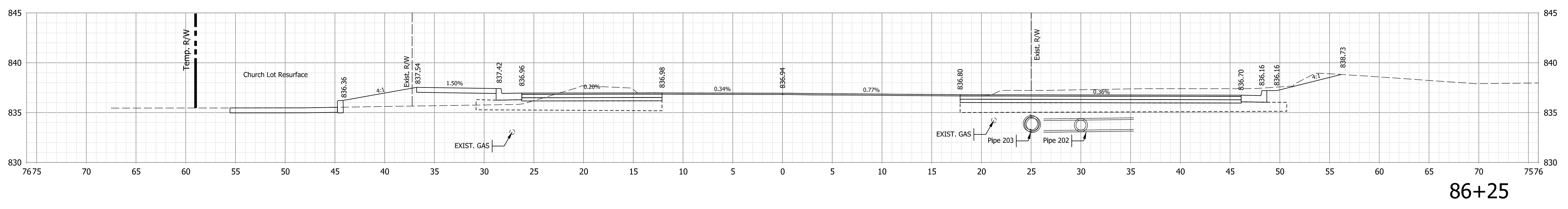
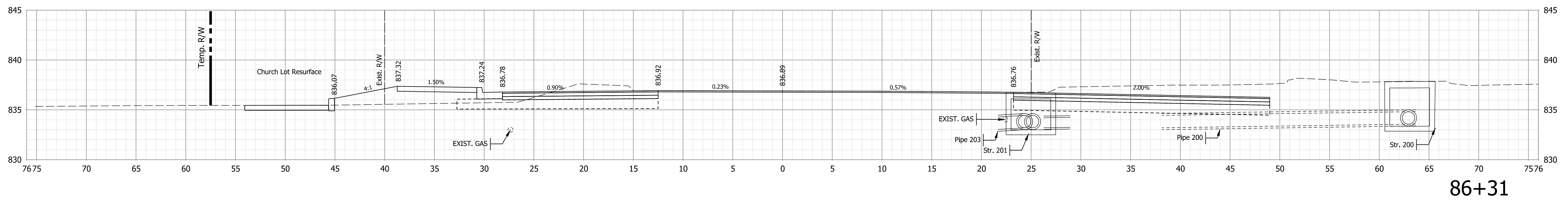
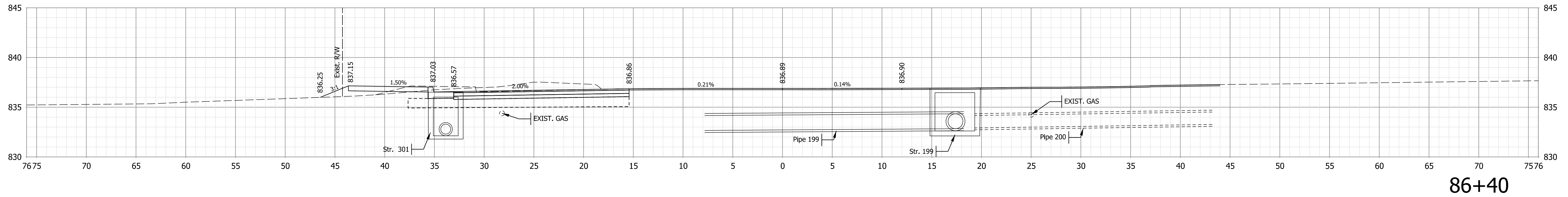
INDIANA
 DEPARTMENT OF TRANSPORTATION
 CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	71 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn

Model: \$MODEL_NAME\$

STA. 85+75 TO STA. 86+18



Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

INDIANA
 DEPARTMENT OF TRANSPORTATION

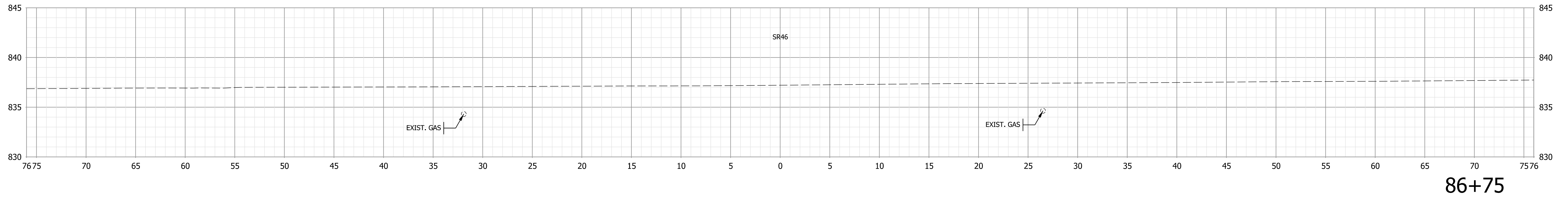
CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	72 of 96
CONTRACT	PROJECT
R-41465	1800208

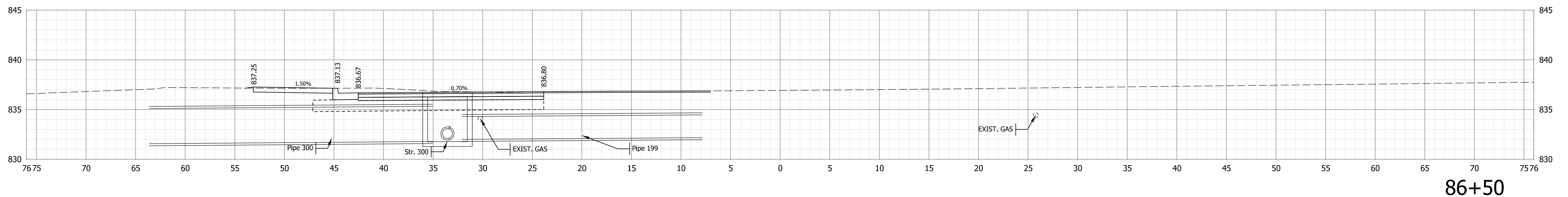
Plot: L:\INDOT\18070904-11\DrawModels\RD_XSEC.dgn

Model: \$MODEL_NAME\$

STA. 86+25 TO STA. 86+40



86+75



86+50

Note:
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NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA
 DEPARTMENT OF TRANSPORTATION

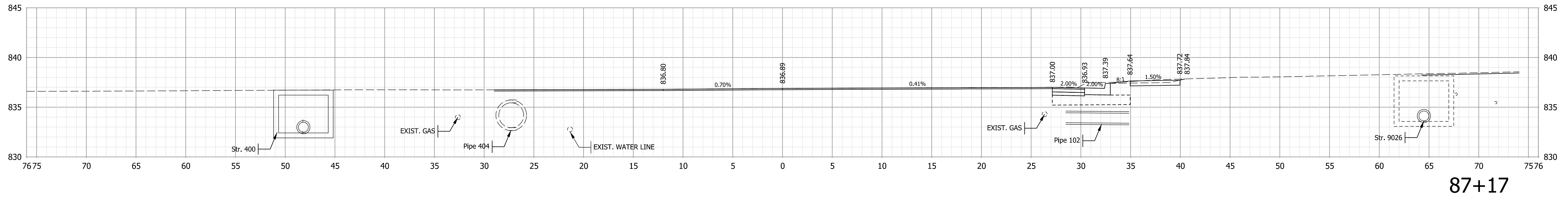
CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	73 of 96
CONTRACT	PROJECT
R-41465	1800208

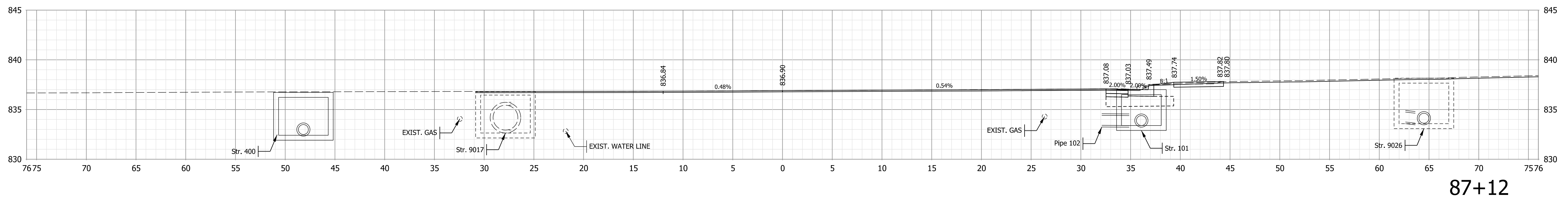
Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn

File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
 Model: \$MODEL_NAME\$

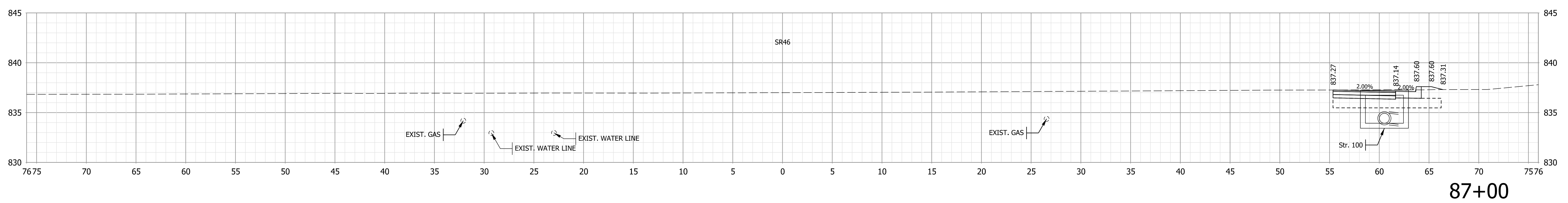
STA. 86+44 TO STA. 86+75



87+17



87+12



87+00

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

INDIANA
DEPARTMENT OF TRANSPORTATION

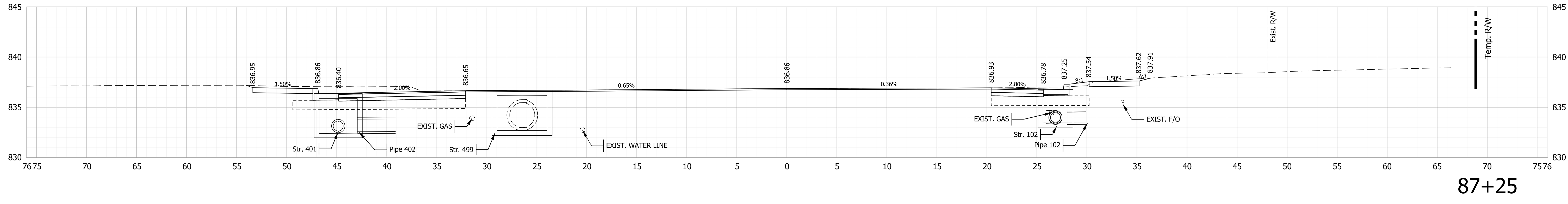
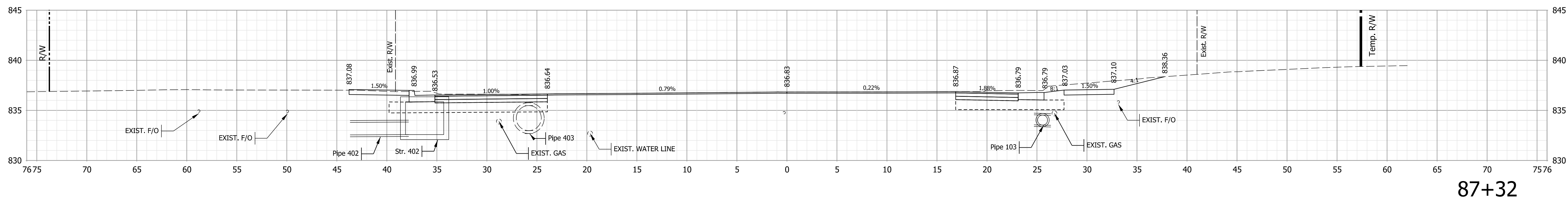
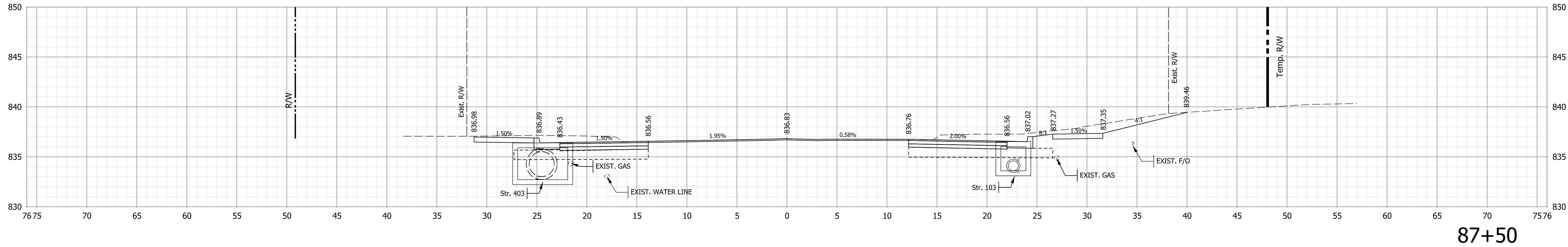
CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	74 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn

Model: \$MODEL_NAME\$

STA. 87+00 TO STA. 87+17



Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

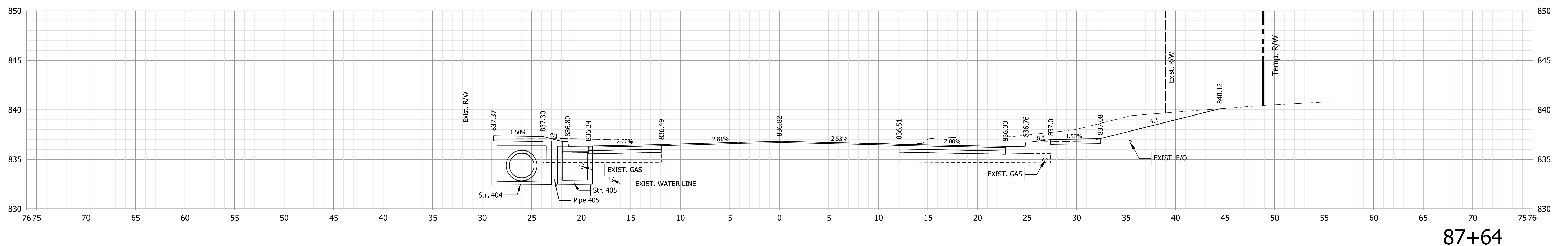
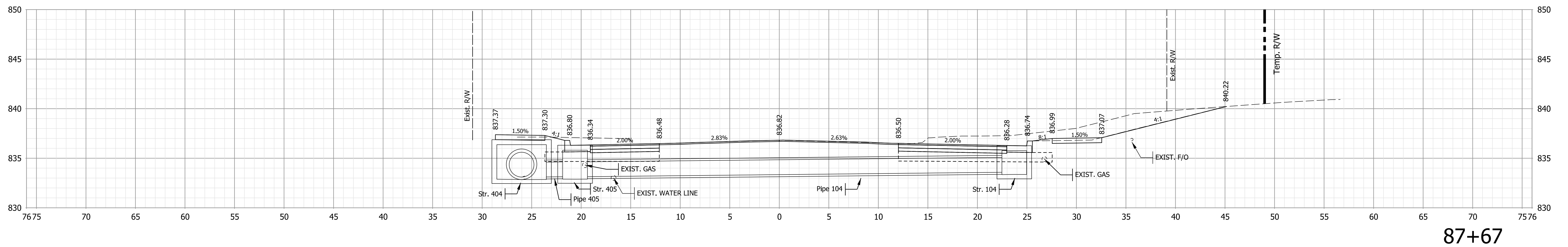
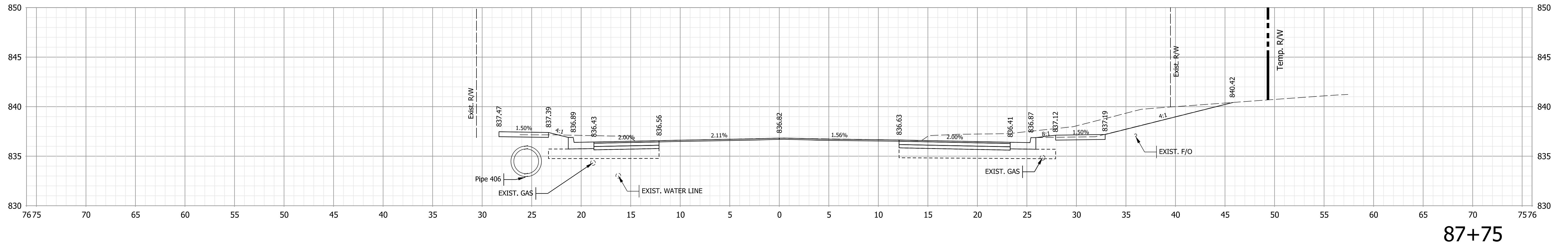
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	75 of 96
CONTRACT	PROJECT
R-41465	1800208



Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

INDIANA
DEPARTMENT OF TRANSPORTATION

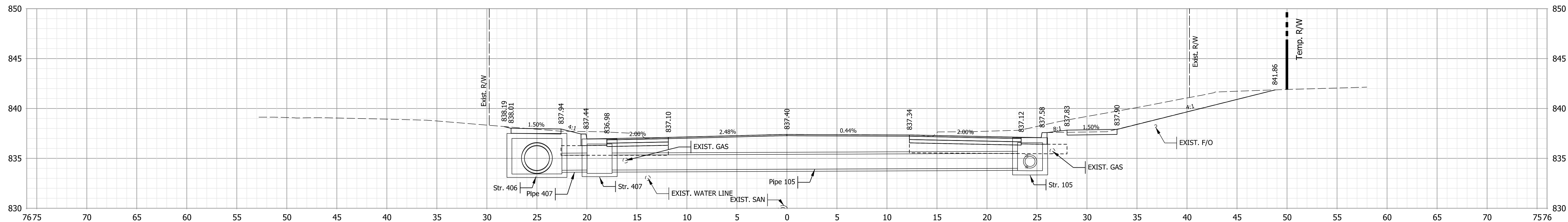
CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	76 of 96
CONTRACT	PROJECT
R-41465	1800208

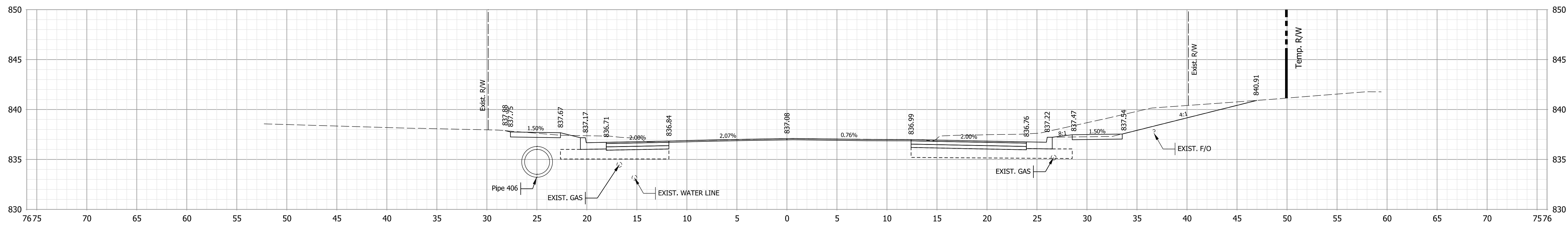
Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn

File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
 Model: \$MODEL_NAME\$

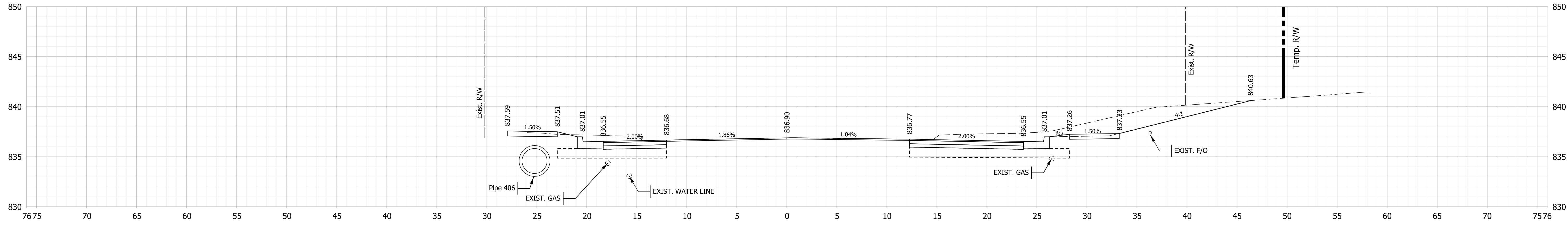
STA. 87+64 TO STA. 87+75



88+25



88+00



87+85

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

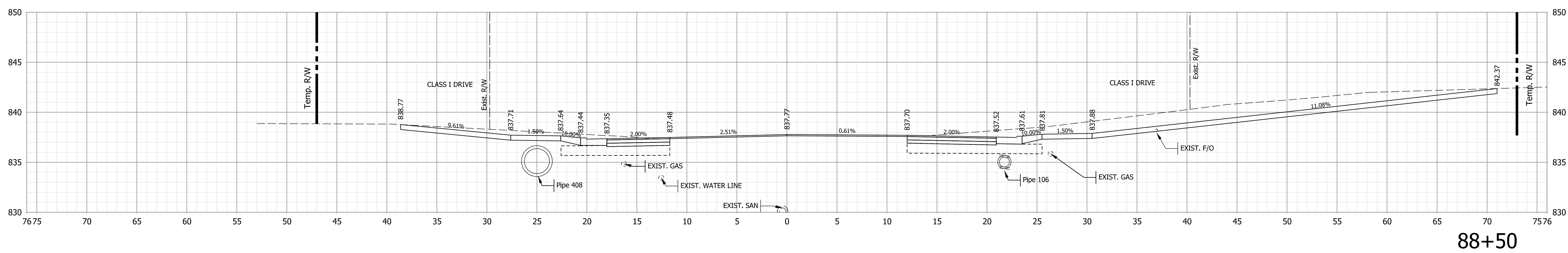
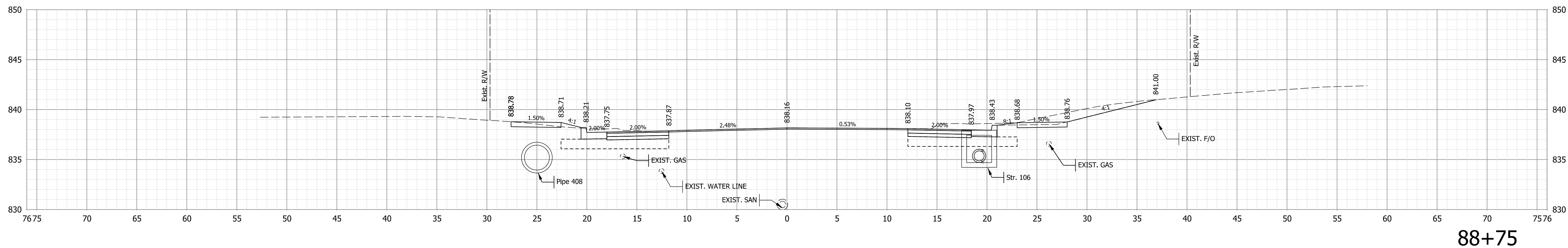
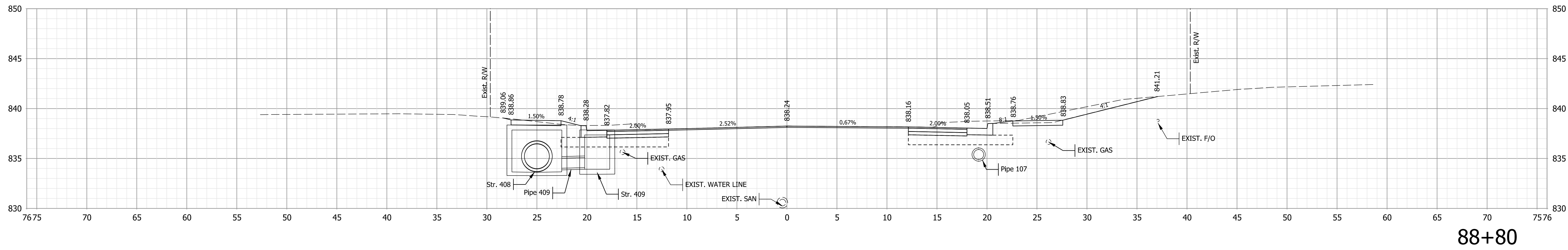
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

INDIANA
 DEPARTMENT OF TRANSPORTATION
 CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	77 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn

STA. 87+85 TO STA. 88+25



Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

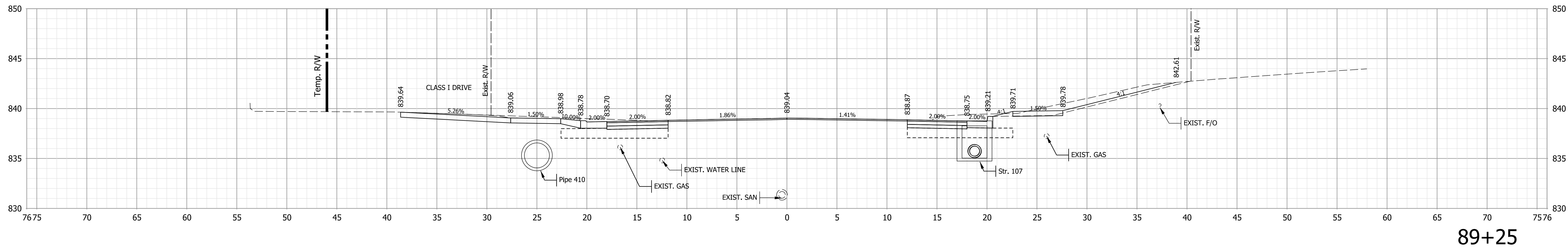
RECOMMENDED FOR APPROVAL _____ 6/7/2022
 DESIGN ENGINEER DATE
 DESIGNED: \$DESBY\$ 6/7/2022 DRAWN: \$DWNBY\$ 6/7/2022
 CHECKED: \$DESCHKBY\$ 6/7/2022 CHECKED: \$DWNCHKBY\$ 6/7/2022

INDIANA
 DEPARTMENT OF TRANSPORTATION

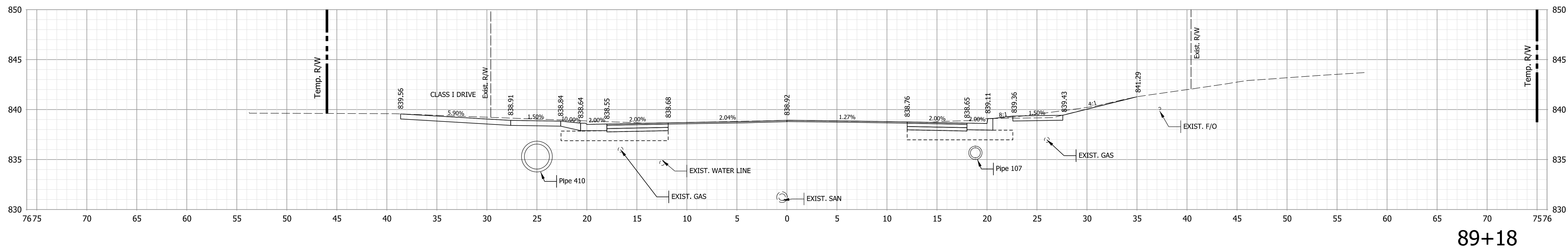
CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	78 of 96
CONTRACT	PROJECT
R-41465	1800208

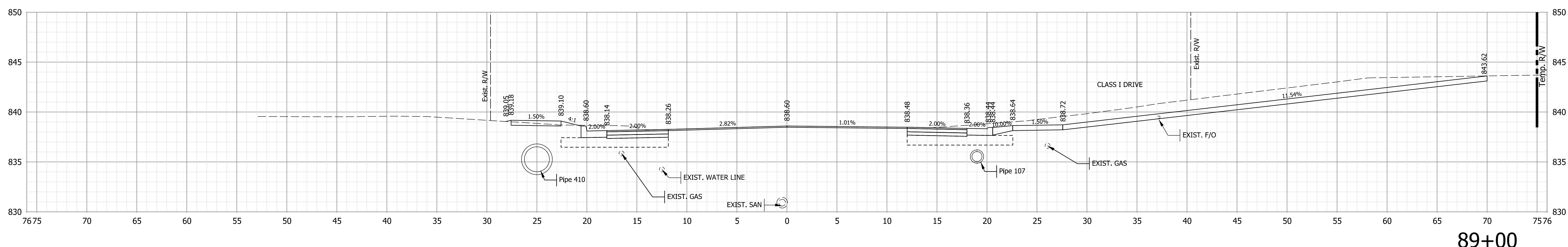
Plot: PLOT - D:\PROJECT - TIMES - \$A.M\$.PMS



89+25



89+18



89+00

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
		DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
		6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$
		6/7/2022

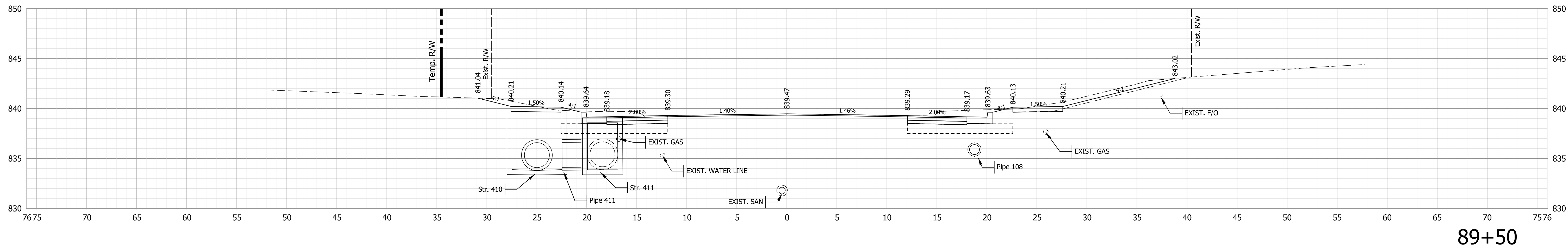
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

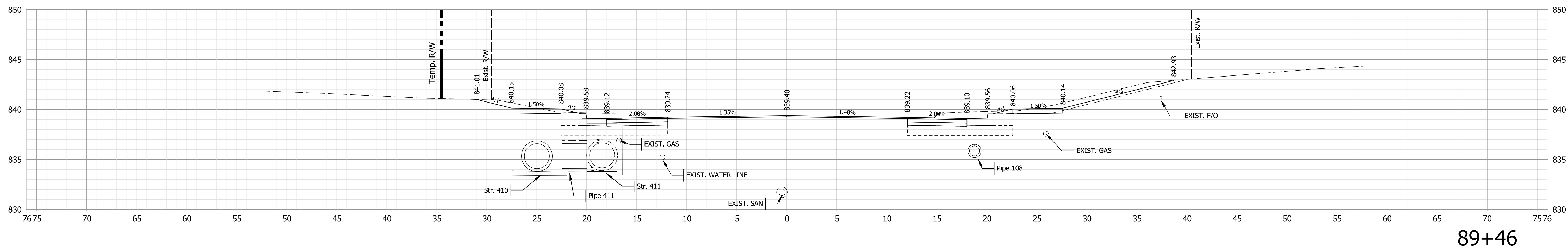
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	79 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn

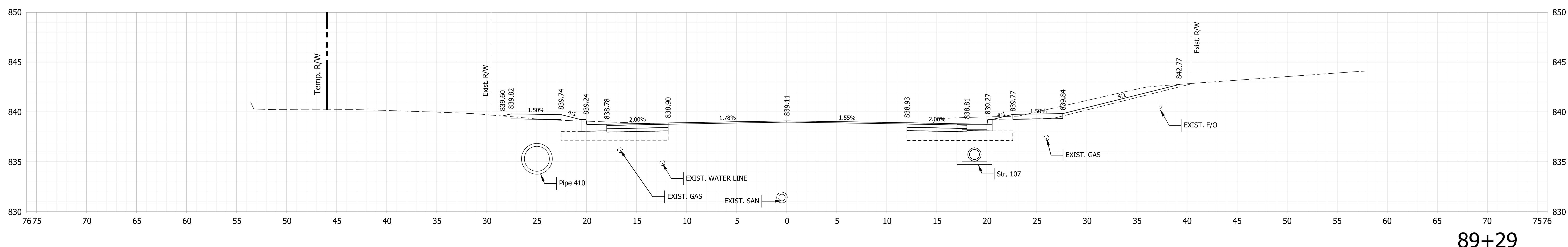
STA. 89+00 TO STA. 89+25



89+50



89+46



89+29

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

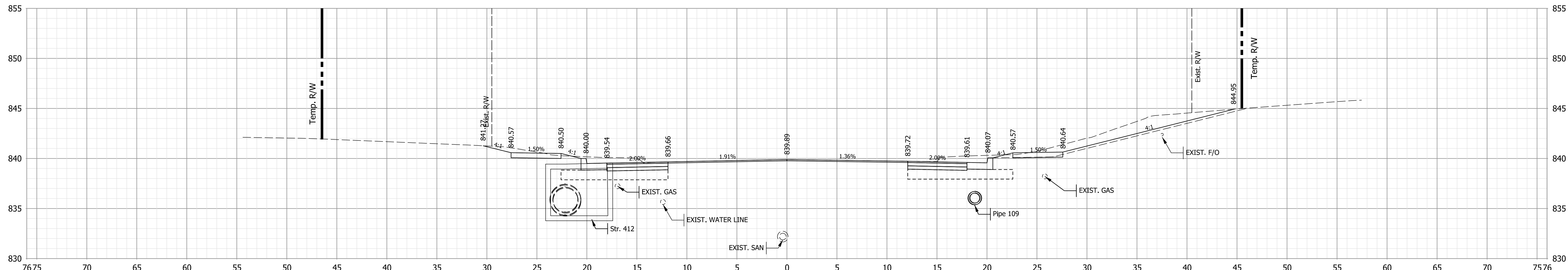
INDIANA
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

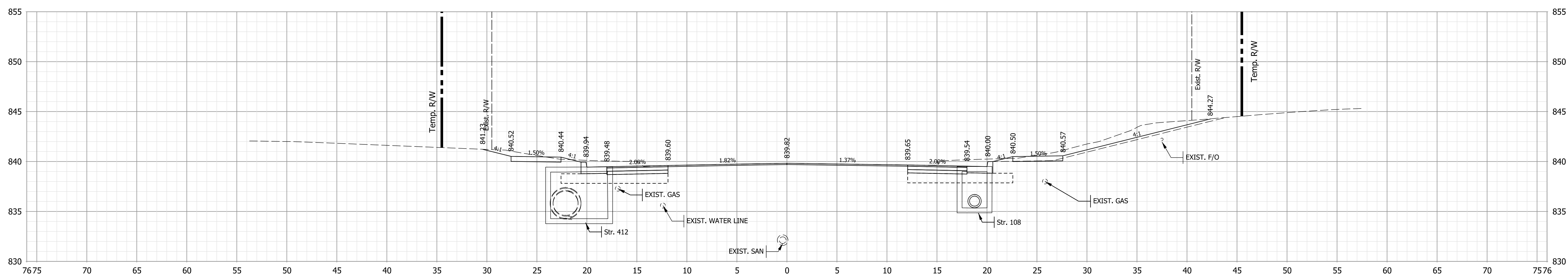
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	80 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn

STA. 89+29 TO STA. 89+50



89+75



89+71

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

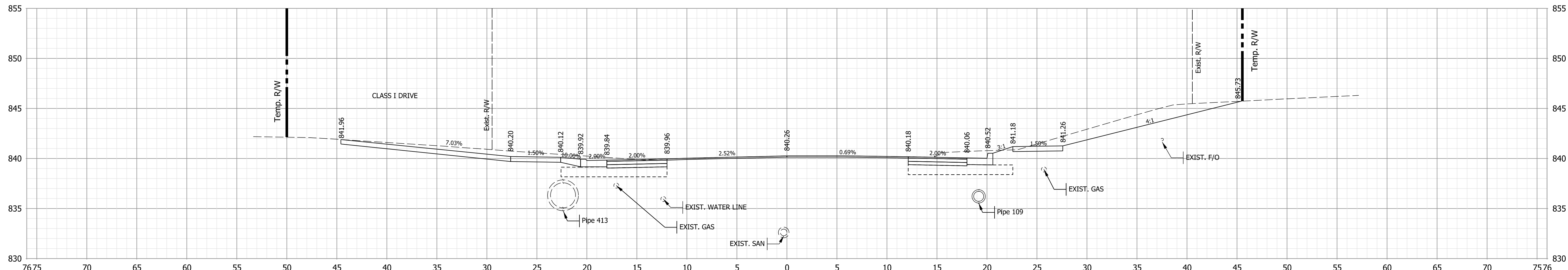
INDIANA
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

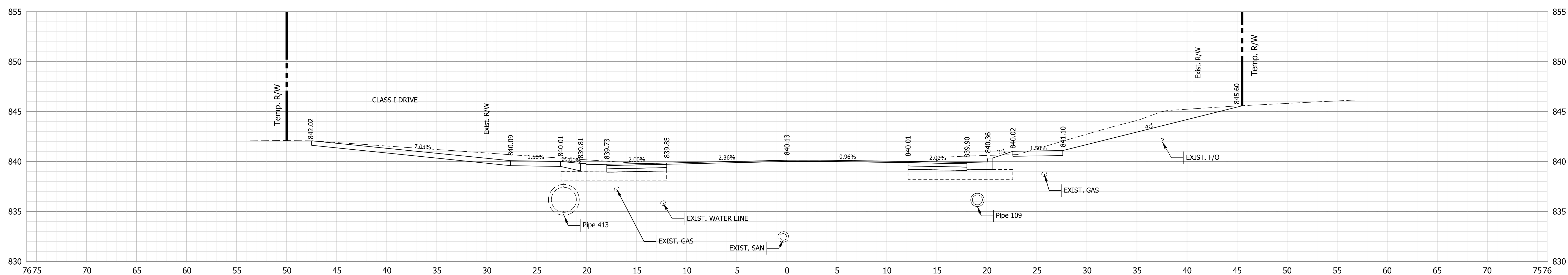
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	81 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn

STA. 89+71 TO STA. 89+75



90+00



89+91

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

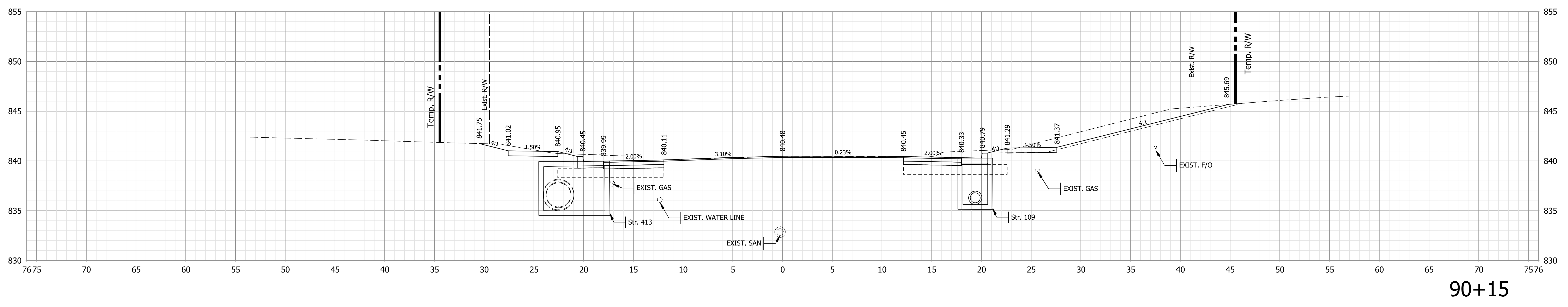
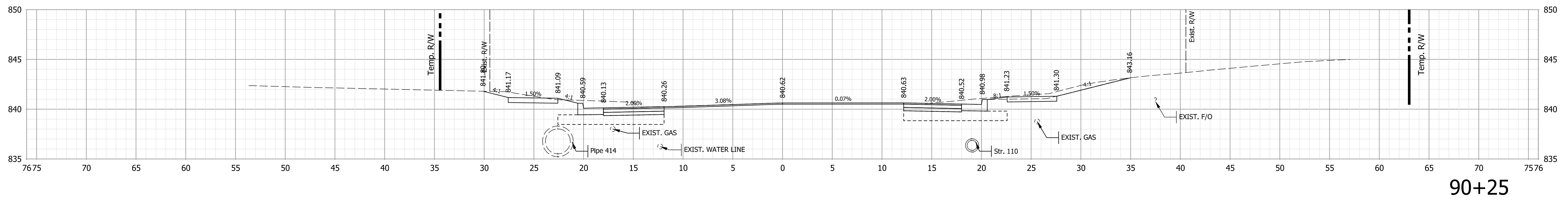
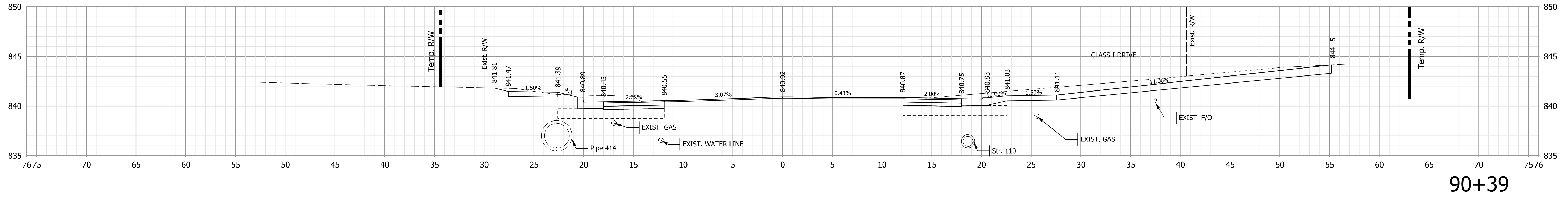
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	82 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn



Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

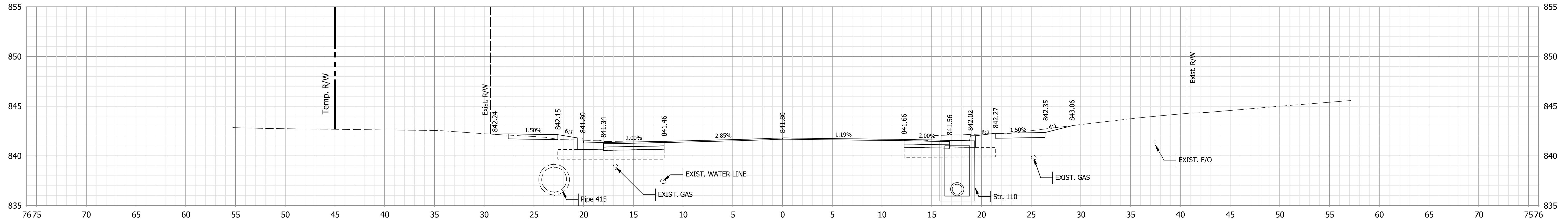
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
	DATE	
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
		6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$
		6/7/2022

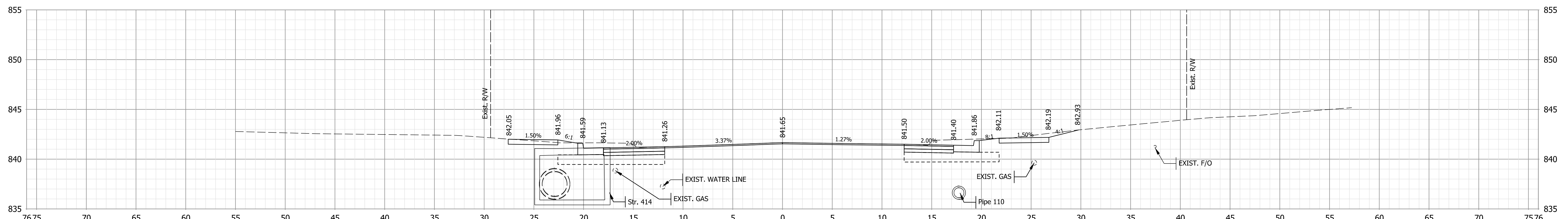
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

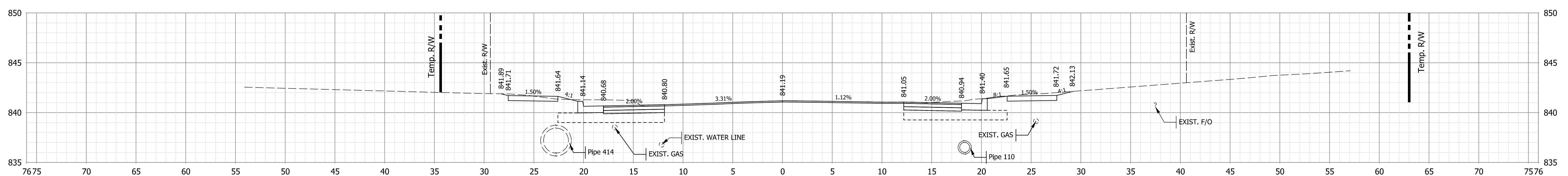
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	83 of 96
CONTRACT	PROJECT
R-41465	1800208



90+75



90+69



90+50

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA
DEPARTMENT OF TRANSPORTATION

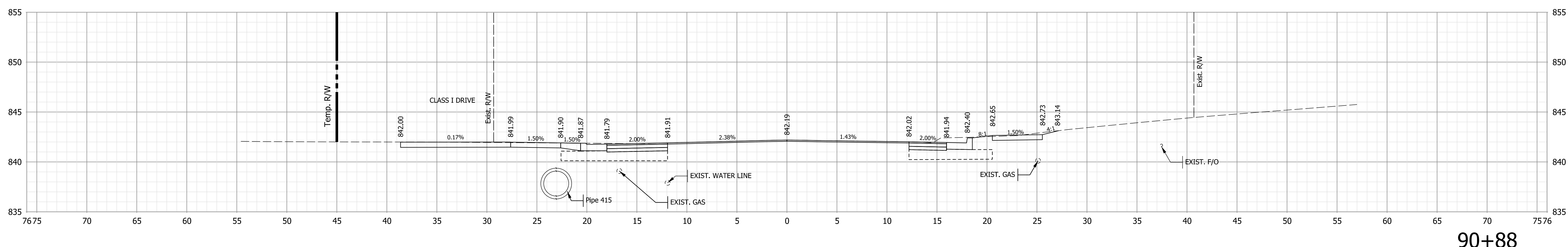
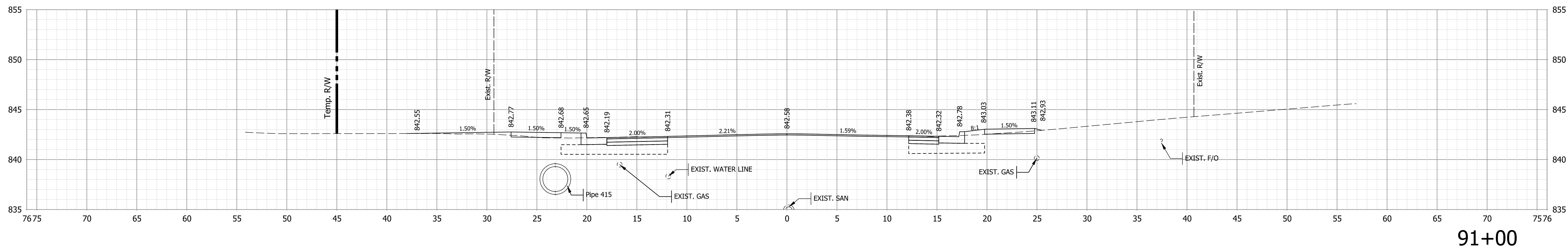
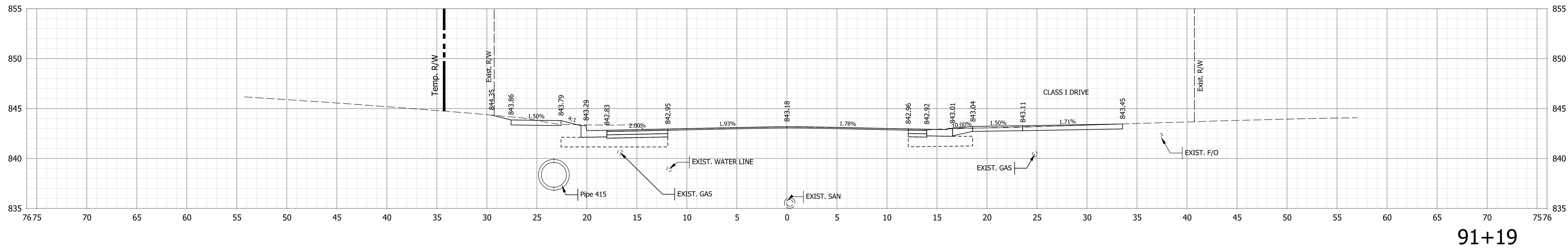
CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	84 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn

File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
 Model: \$MODEL_NAME\$

STA. 90+50 TO STA. 90+75



Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

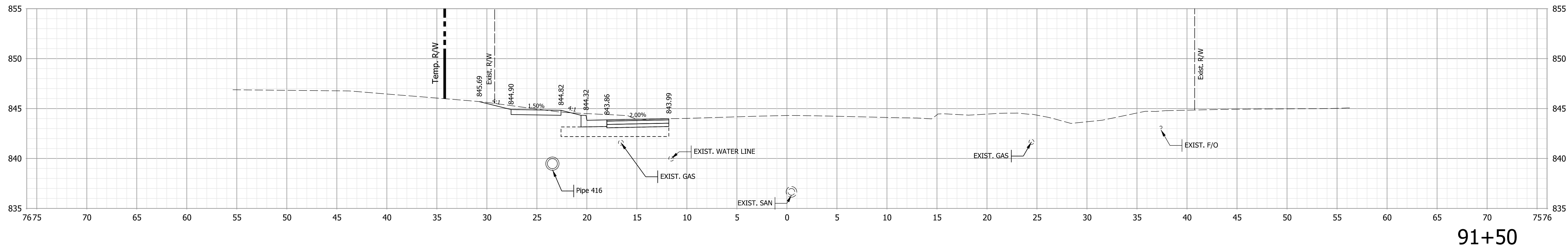
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

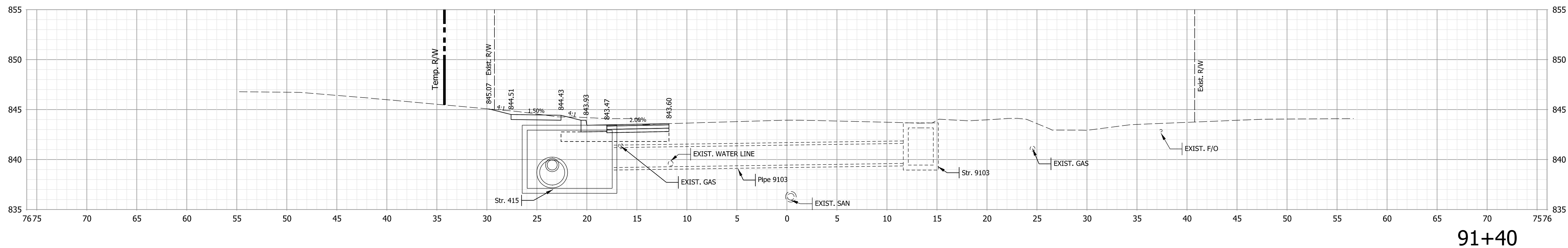
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

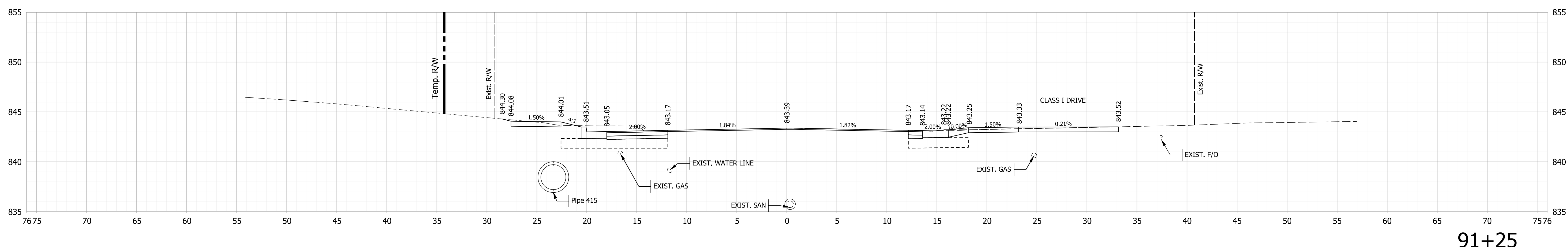
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	85 of 96
CONTRACT	PROJECT
R-41465	1800208



91+50



91+40



91+25

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

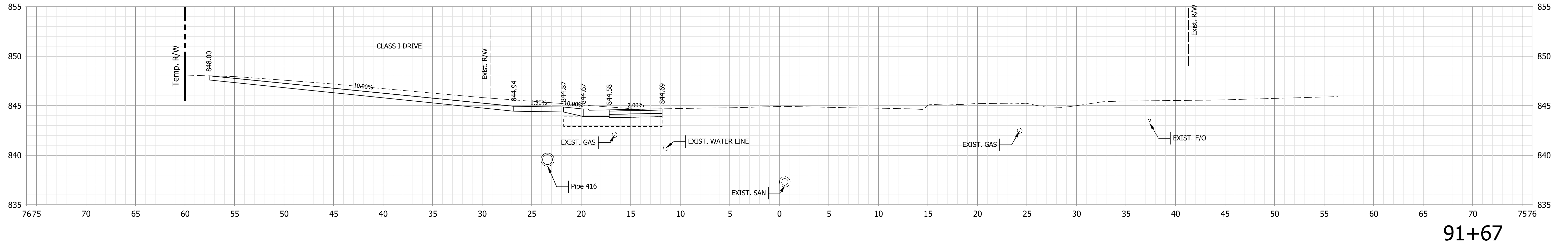
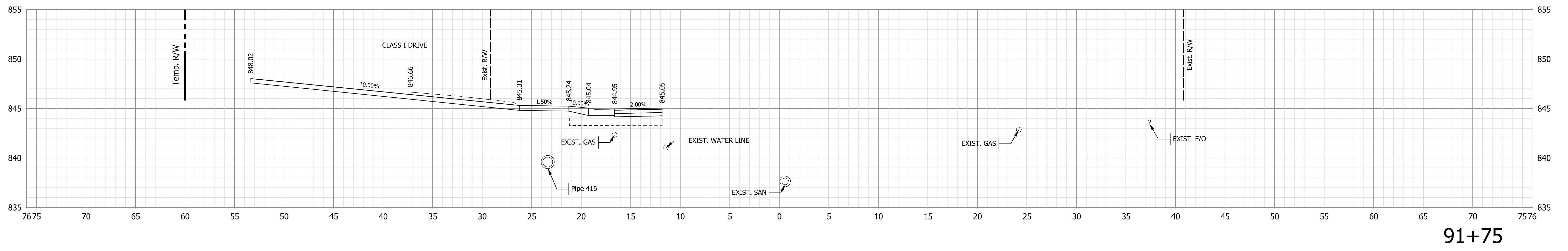
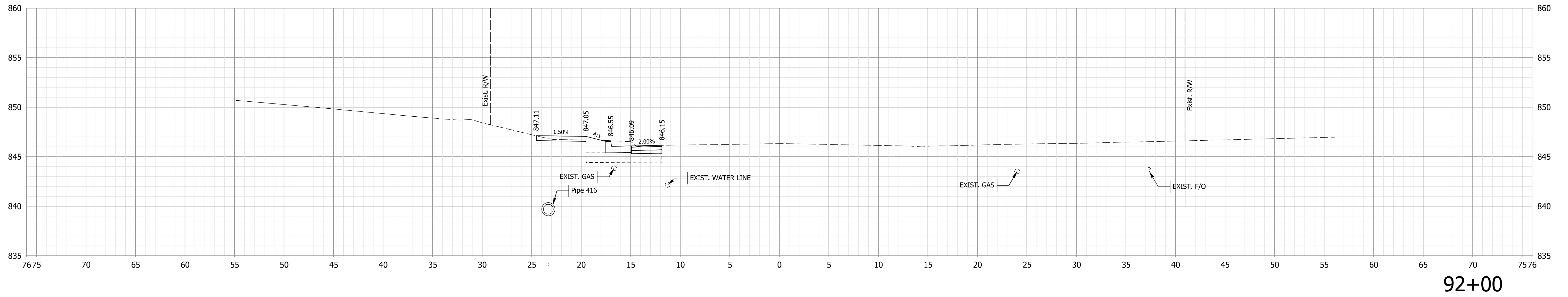
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	86 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn

STA. 91+25 TO STA. 91+50



Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

INDIANA
DEPARTMENT OF TRANSPORTATION

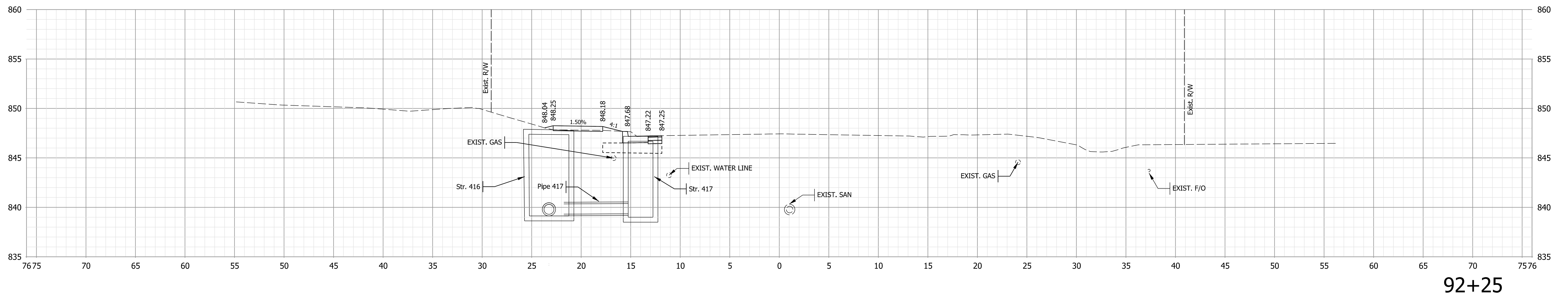
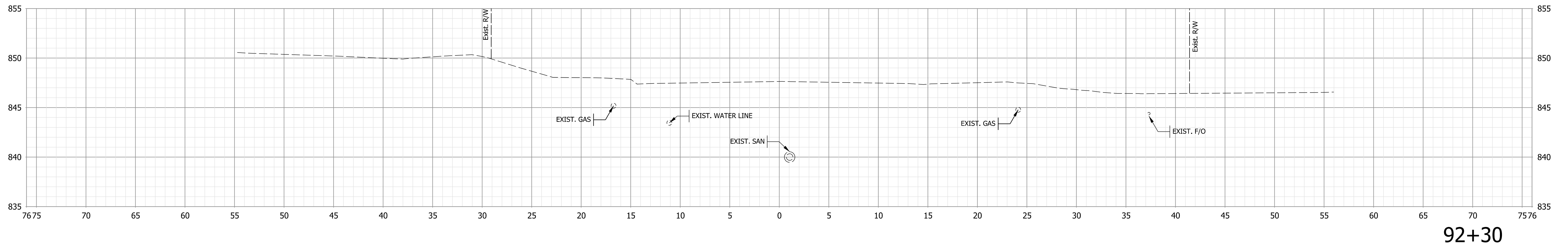
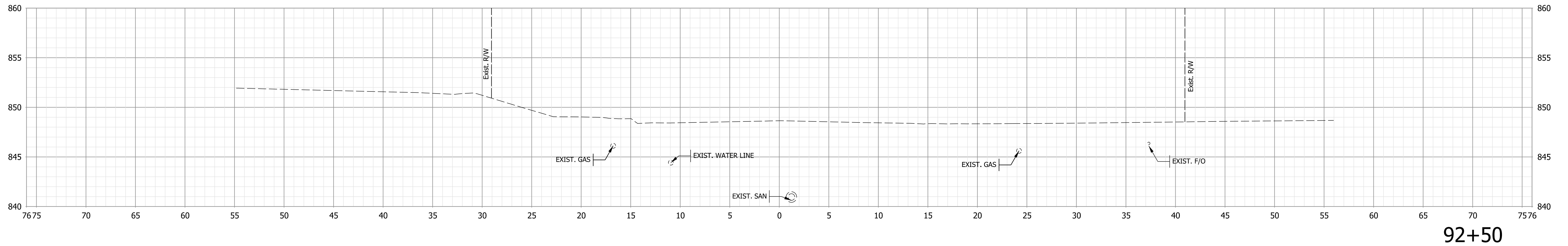
CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	87 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn

File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
 Model: \$MODEL_NAME\$

STA. 91+67 TO STA. 92+00



Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

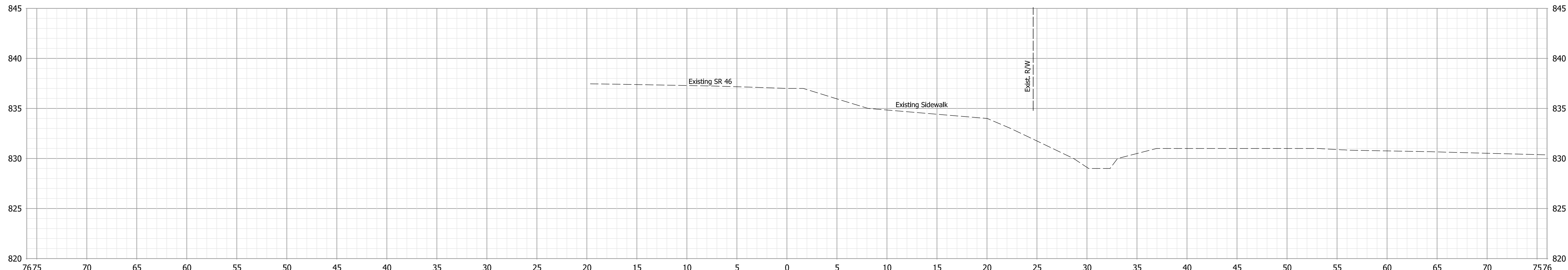
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

INDIANA
DEPARTMENT OF TRANSPORTATION

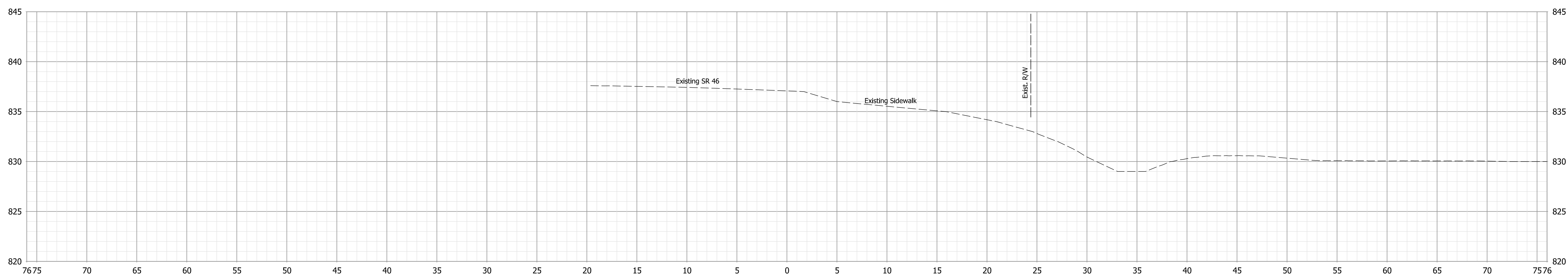
CROSS SECTIONS - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	88 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: PLOT - D:\PROJECT - TIMES - SAN - PM\$



195+75



195+60

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

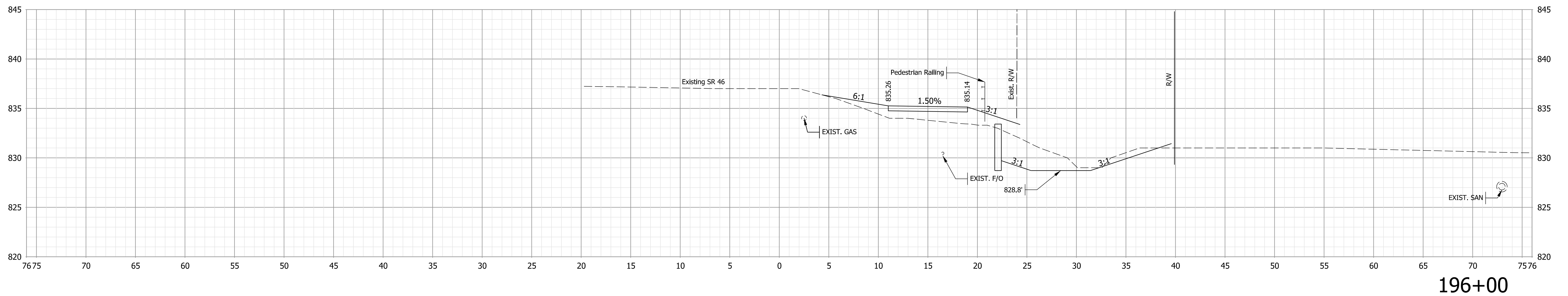
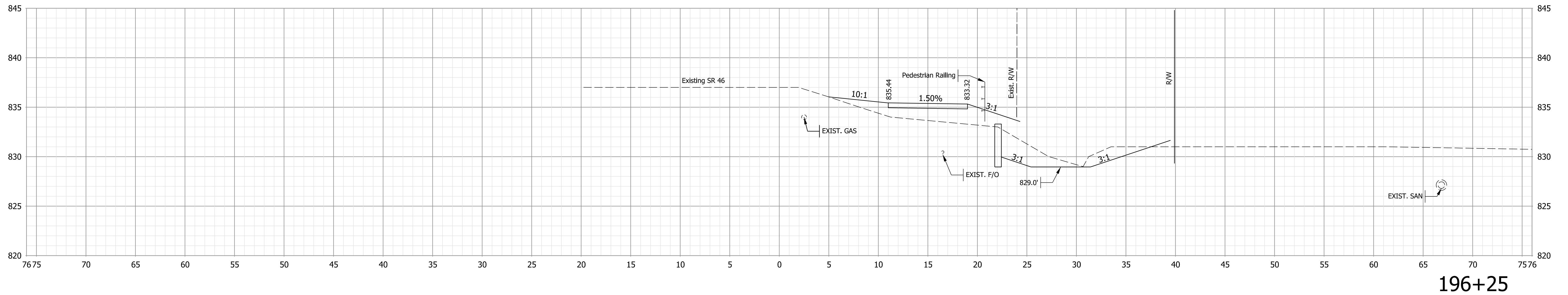
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "S"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	89 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: PLOT_DATE\$ TIME\$ \$AM\$ PM\$



Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

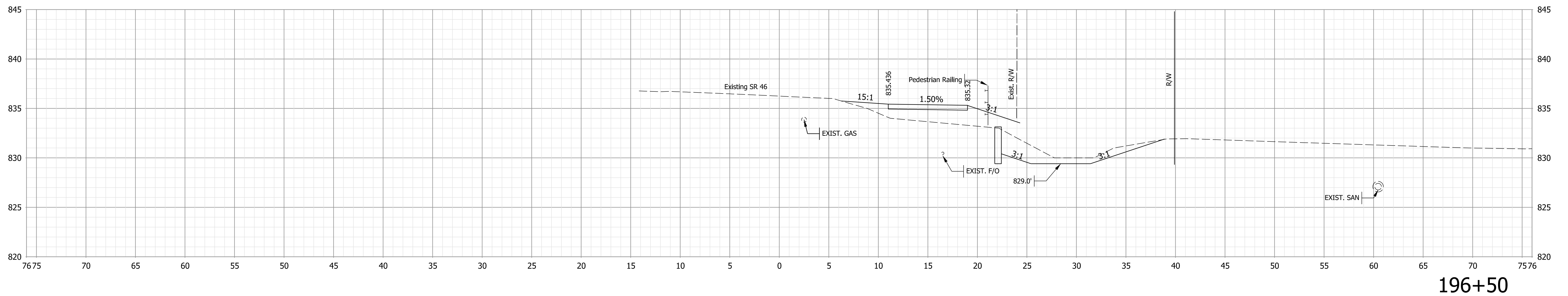
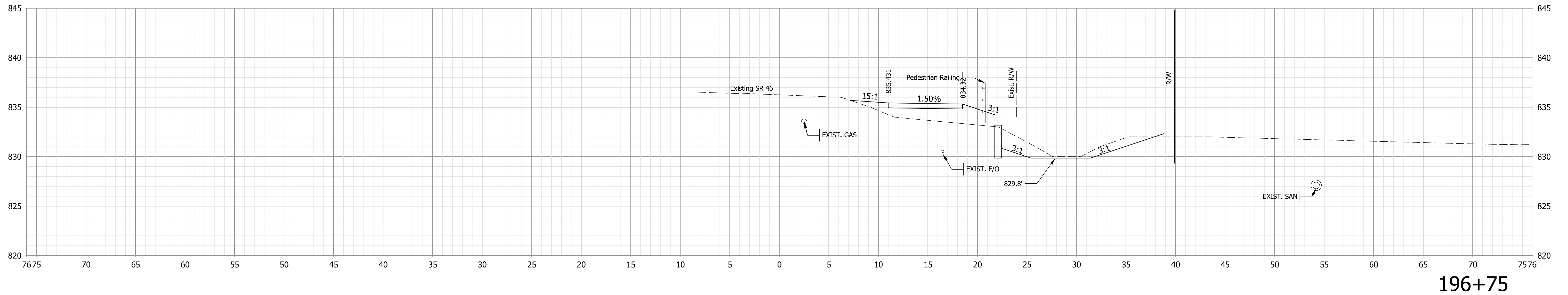
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "S"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	90 of 96
CONTRACT	PROJECT
R-41465	1800208



Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

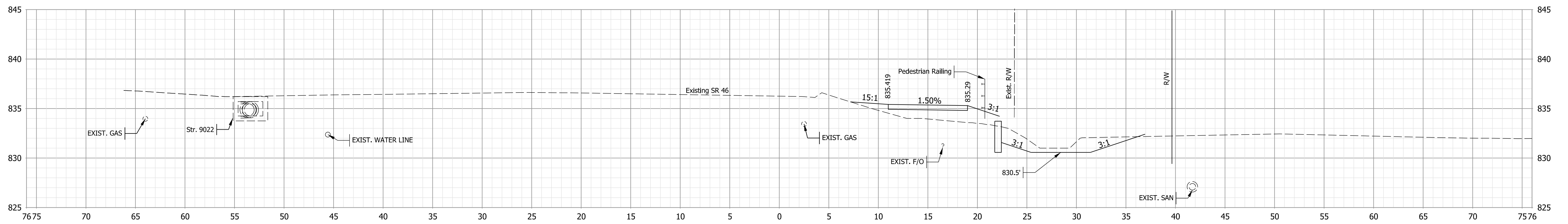
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022	DATE
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$	6/7/2022
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$	6/7/2022

INDIANA
DEPARTMENT OF TRANSPORTATION

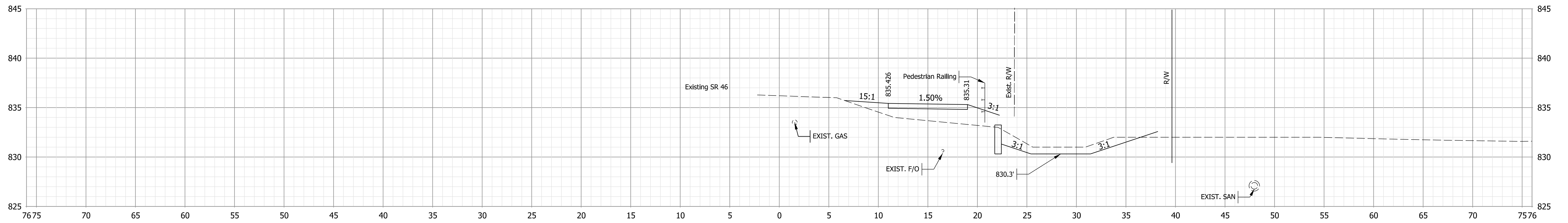
CROSS SECTIONS - LINE "S"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	91 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: PLOT_DWGSET_TITLES_\$A.M_PMS



197+25



197+00

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

INDIANA
 DEPARTMENT OF TRANSPORTATION

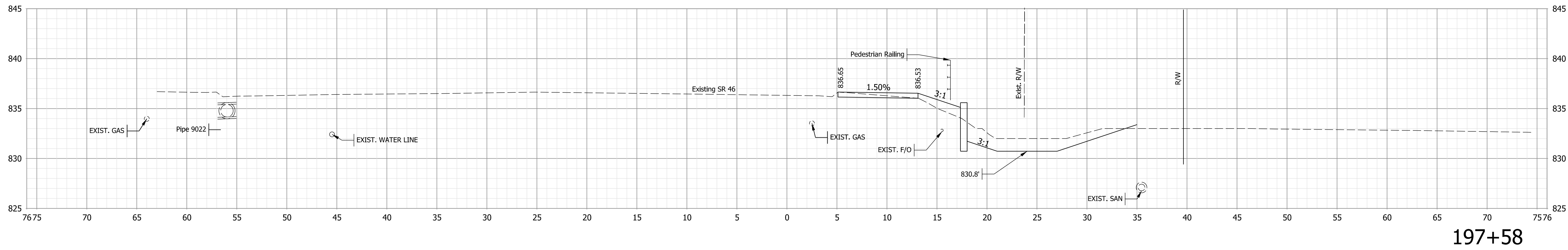
CROSS SECTIONS - LINE "S"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	92 of 96
CONTRACT	PROJECT
R-41465	1800208

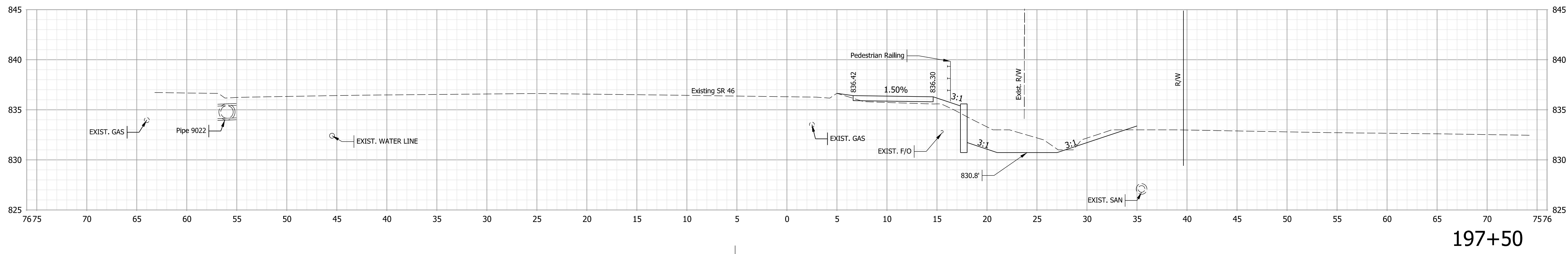
Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn

File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
 Model: \$MODEL_NAME\$

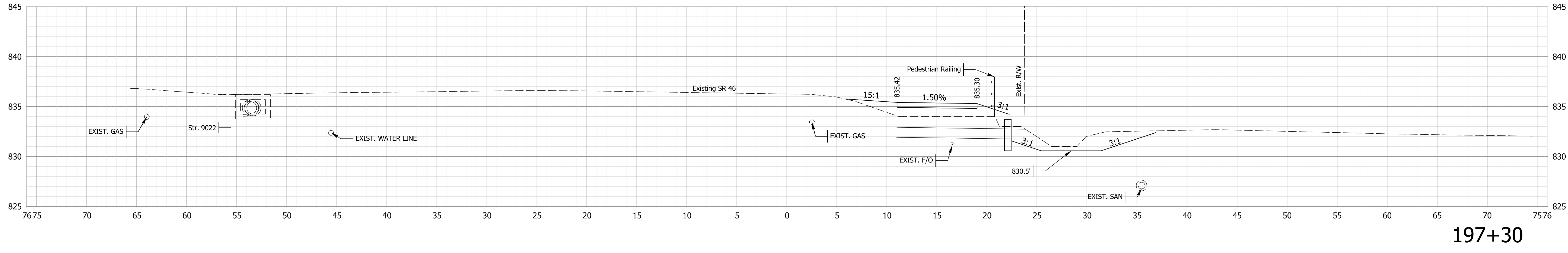
STA. 197+00 TO STA. 197+50



197+58



197+50



197+30

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

INDIANA
DEPARTMENT OF TRANSPORTATION

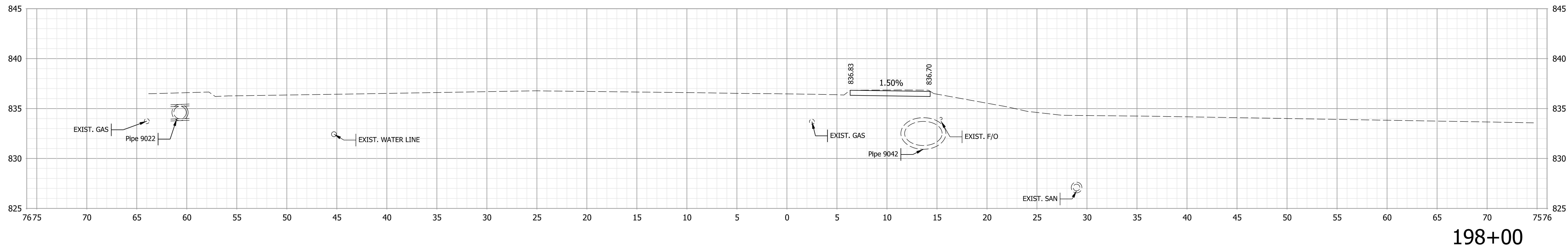
CROSS SECTIONS - LINE "S"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	93 of 96
CONTRACT	PROJECT
R-41465	1800208

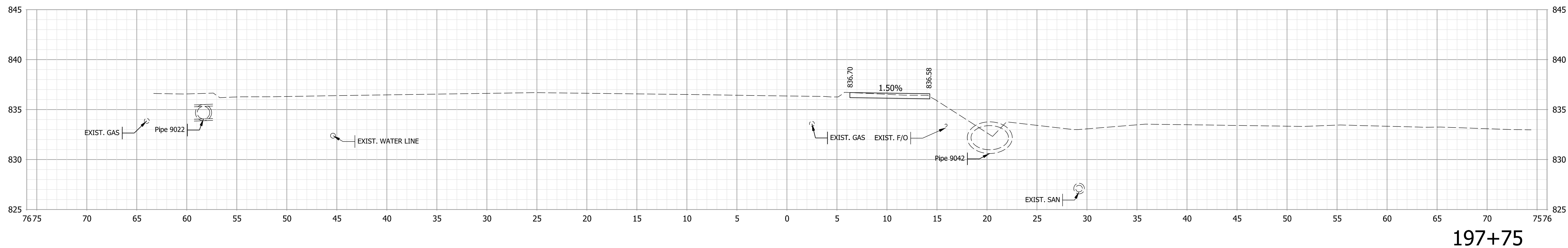
Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn

File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
 Model: \$MODEL_NAME\$

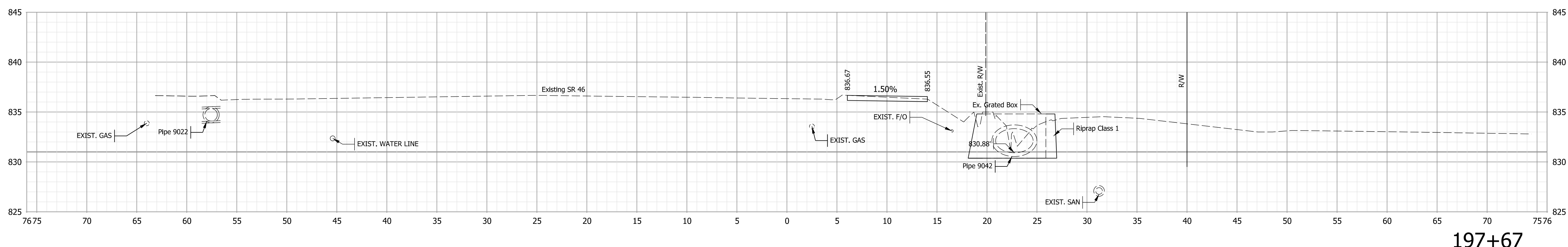
STA. 197+67 TO STA. 198+00



198+00



197+75



197+67

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

INDIANA
DEPARTMENT OF TRANSPORTATION

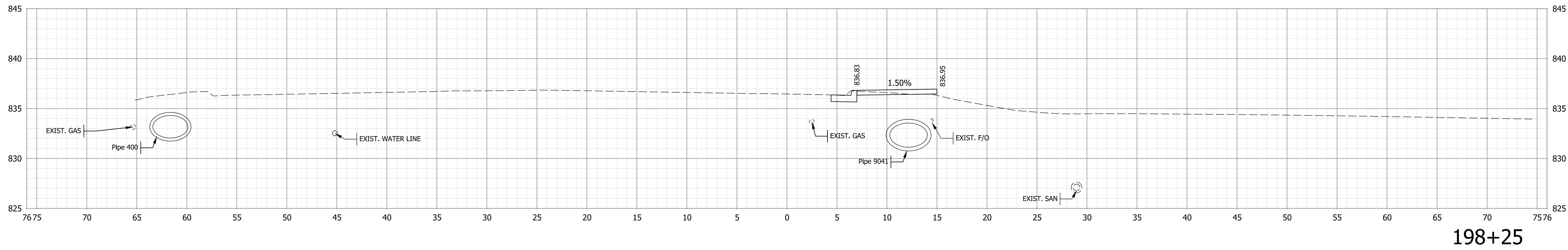
CROSS SECTIONS - LINE "S"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	94 of 96
CONTRACT	PROJECT
R-41465	1800208

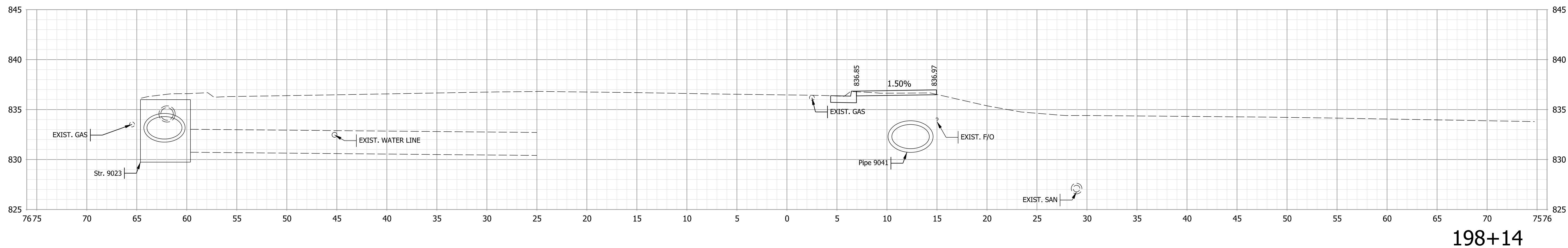
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File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
 Model: \$MODEL_NAME\$

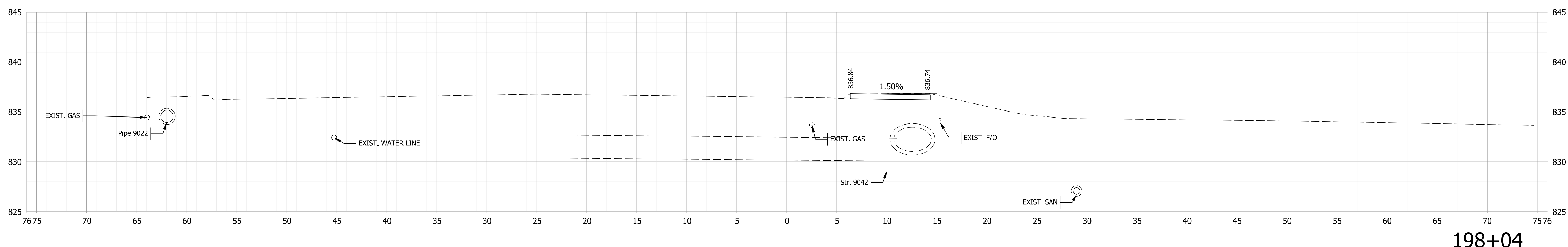
STA. 198+04 TO STA. 198+25



198+25



198+14



198+04

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

INDIANA
DEPARTMENT OF TRANSPORTATION

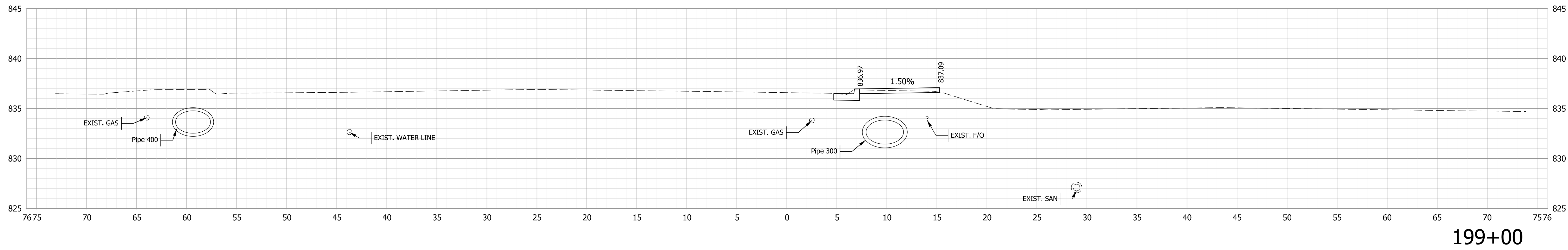
CROSS SECTIONS - LINE "S"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	95 of 96
CONTRACT	PROJECT
R-41465	1800208

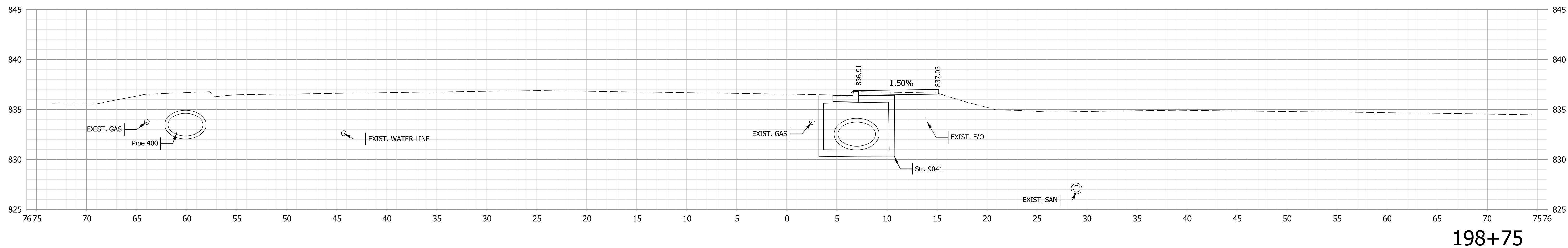
Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn

File: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn
 Model: \$MODEL_NAME\$

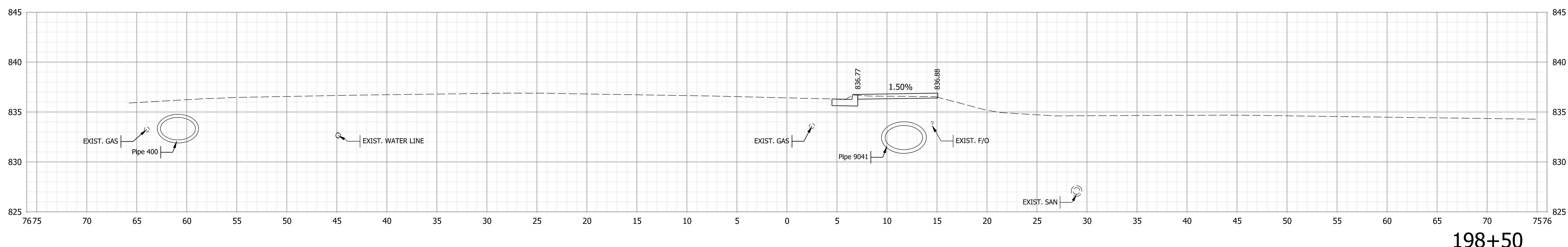
STA. 198+50 TO STA. 199+00



199+00



198+75



198+50

Note:
 1. All utilities information shall be considered QL-D unless otherwise indicated and is for informational purposes only. The Contractor is responsible for locating and coordinating with utility companies in accordance with the plans and specifications.

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/7/2022
DESIGNED: \$DESBY\$	6/7/2022	DRAWN: \$DWNBY\$
CHECKED: \$DESCHKBY\$	6/7/2022	CHECKED: \$DWNCHKBY\$

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - LINE "S"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1800208
SURVEY BOOK	SHEETS
Electronic	96 of 96
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Models\RD_XSEC.dgn