

PROJECT	DESIGNATION
1800208	1800208
CONTRACT	
R-41465	

# INDIANA DEPARTMENT OF TRANSPORTATION



## RIGHT-OF-WAY 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



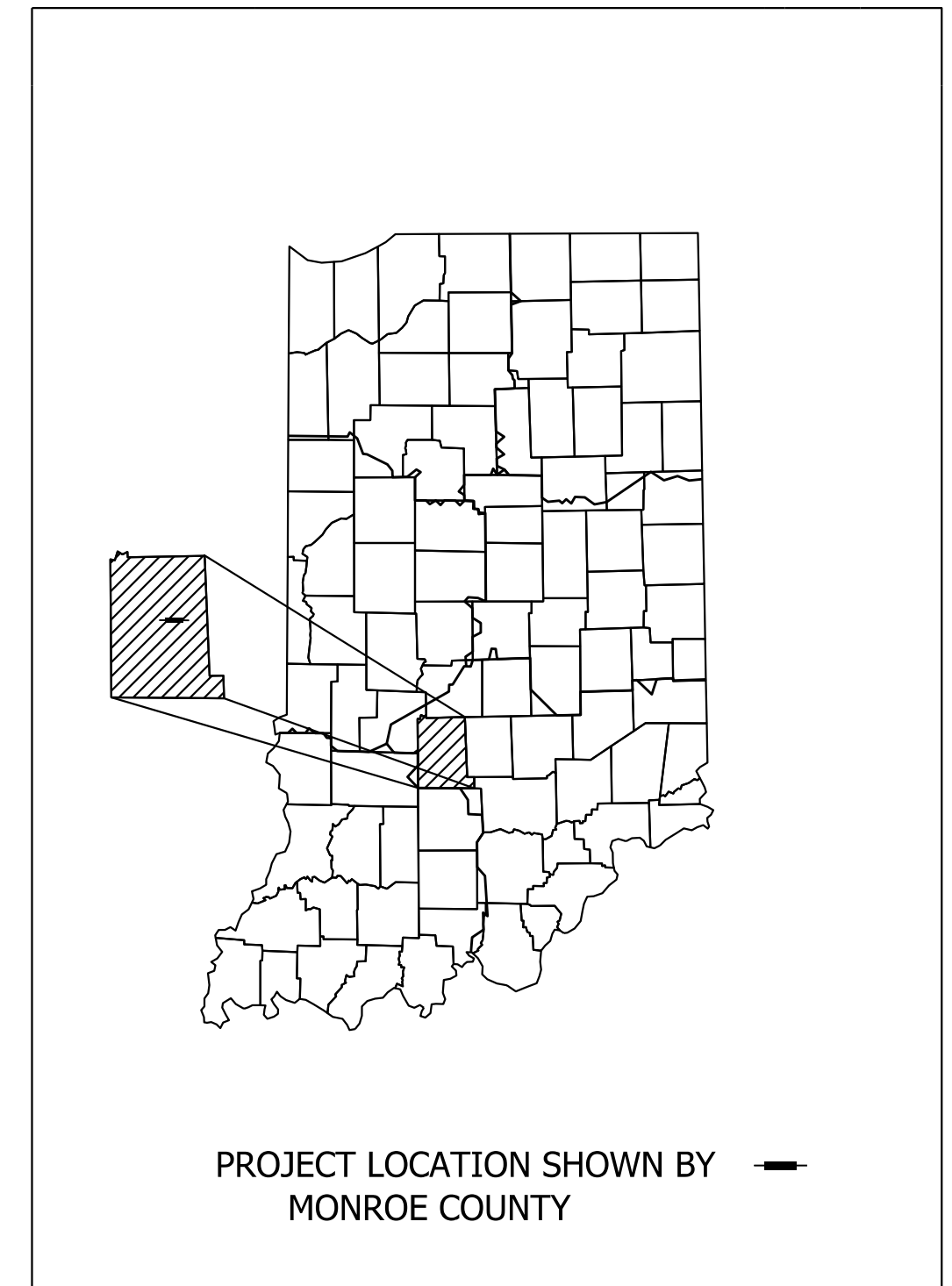
Note to Reviewer: Right-of-Way Plans Not for Construction

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

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 %

RIGHT-OF-WAY PLANS  
APRIL 22, 2022

INDIANA DEPARTMENT OF TRANSPORTATION  
STANDARD SPECIFICATIONS DATED 2021  
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: 6/3/2022 DATE  
APPROVED FOR LETTING: INDIANA DEPARTMENT OF TRANSPORTATION DATE

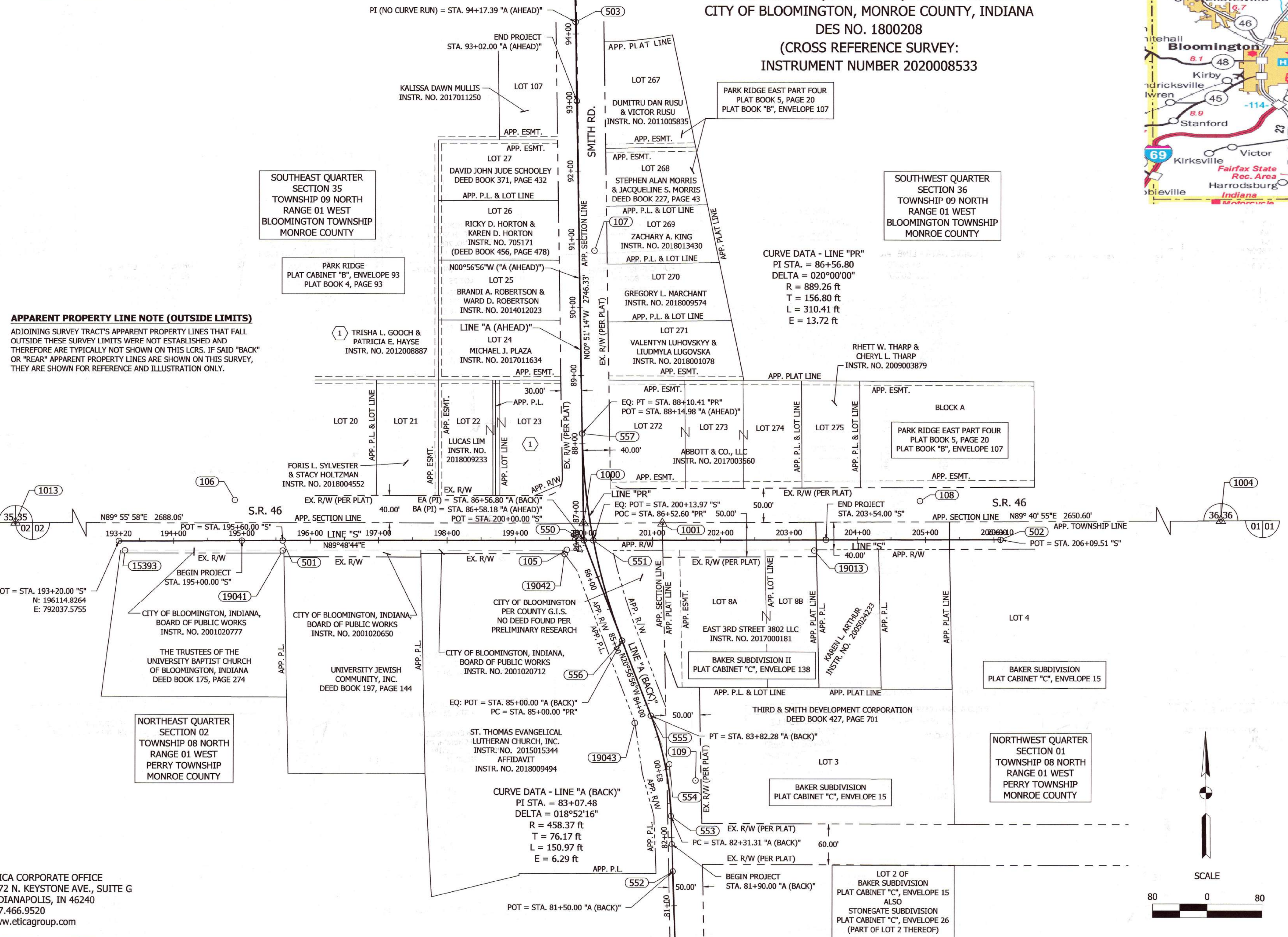
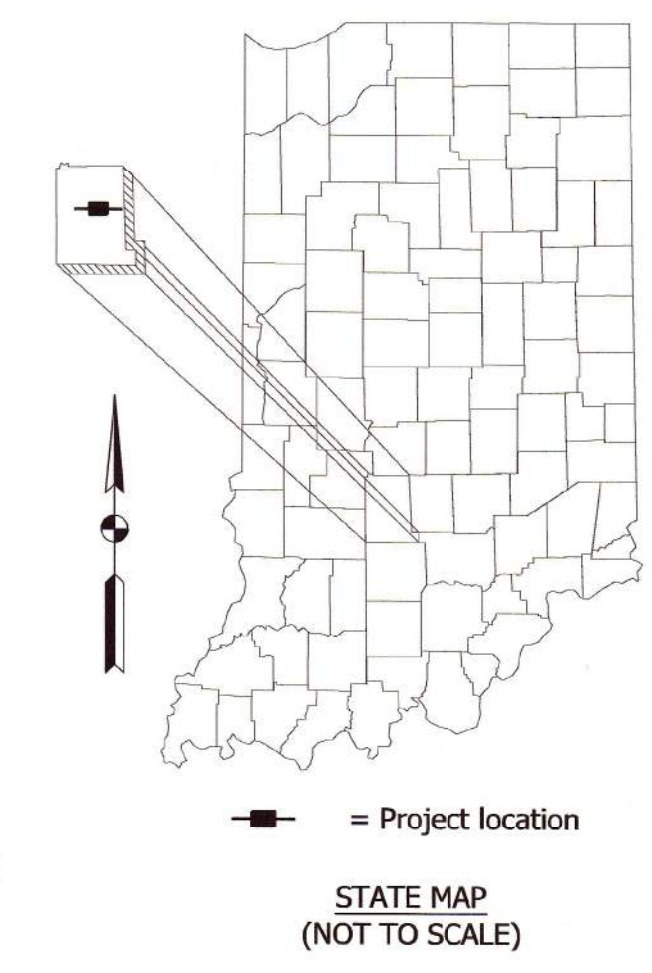
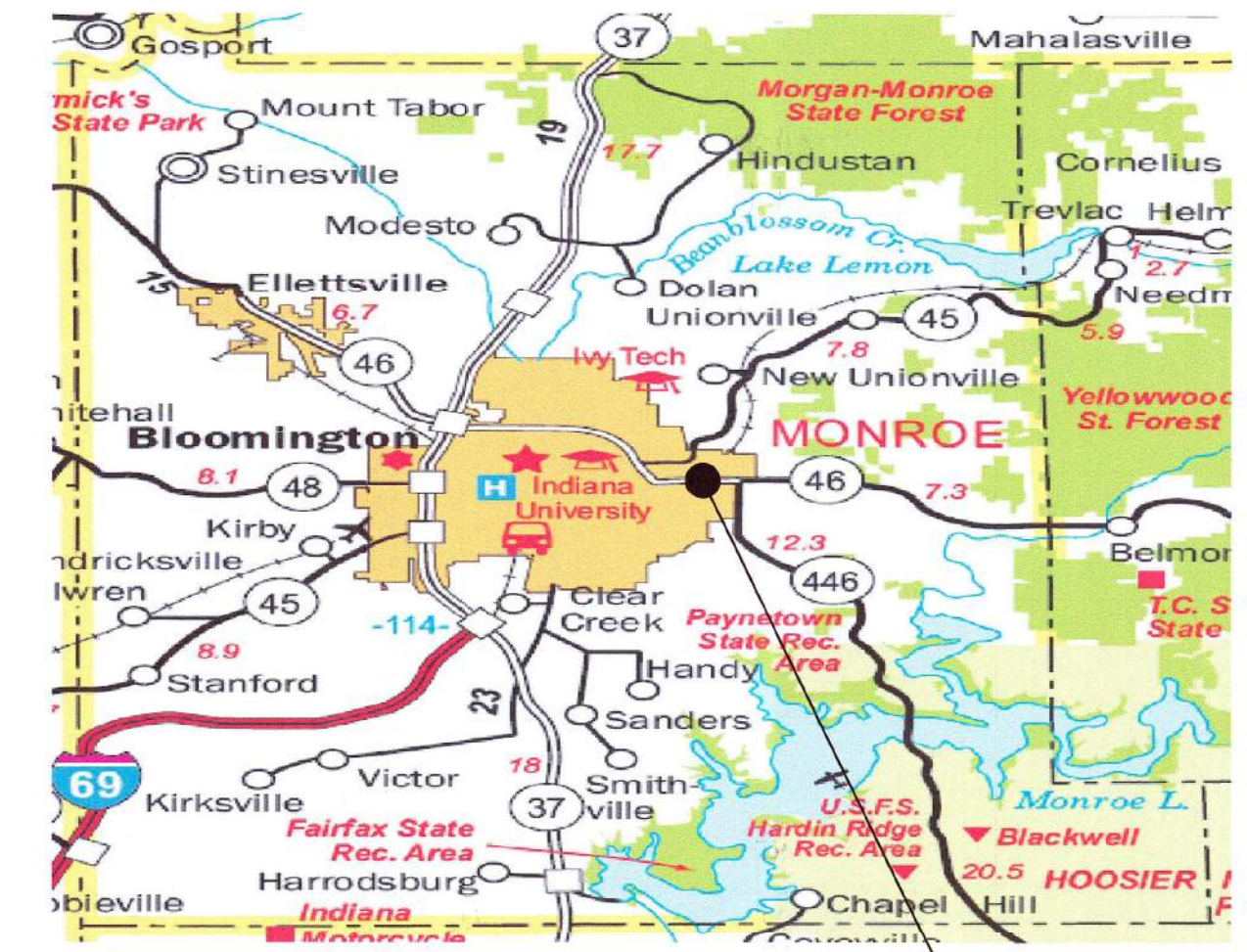
BRIDGE FILE	N/A
DESIGNATION	1800208
SURVEY BOOK	SHEETS
Electronic	1 of 21
CONTRACT	PROJECT
R-41465	1800208

Plot: 1800208 - TITLES - \$AM - PMS



**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



# 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:  
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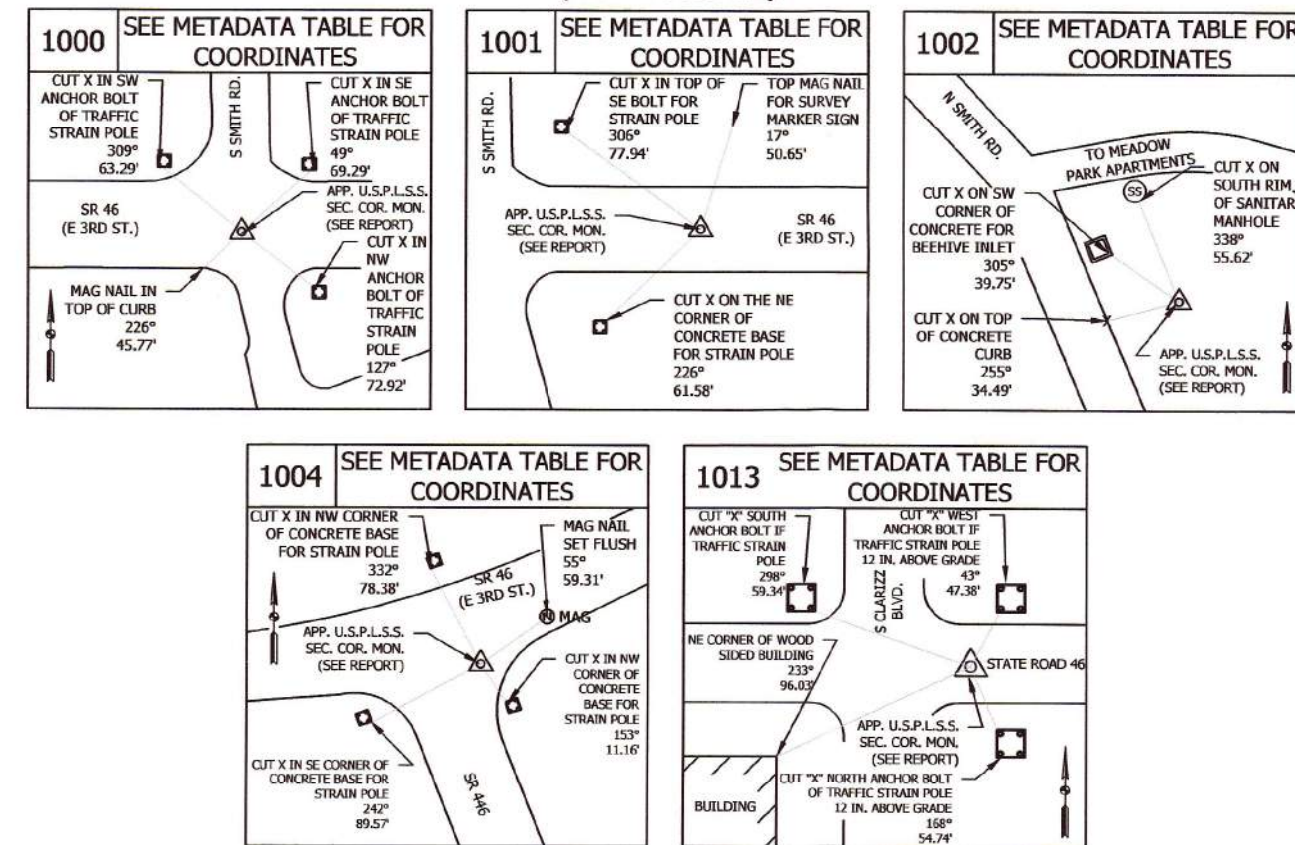
**ETICA GROUP MONUMENT NOTES:**

- ETICA CONTROL CAPS = BLUE CAPS WITH STAMPING:  
"ETICA GROUP CONTROL FIRM #0121"
- ETICA CONTROL WASHERS = WASHERS WITH STAMPING:  
"ETICA GROUP CONTROL FIRM #0121"
- ETICA ALIGNMENT CAPS = RED CAPS WITH STAMPING:  
"ETICA GROUP ALIGNMENT FIRM #0121"
- ETICA ALIGNMENT WASHERS = WASHERS WITH STAMPING:  
"ETICA GROUP ALIGNMENT FIRM #0121"

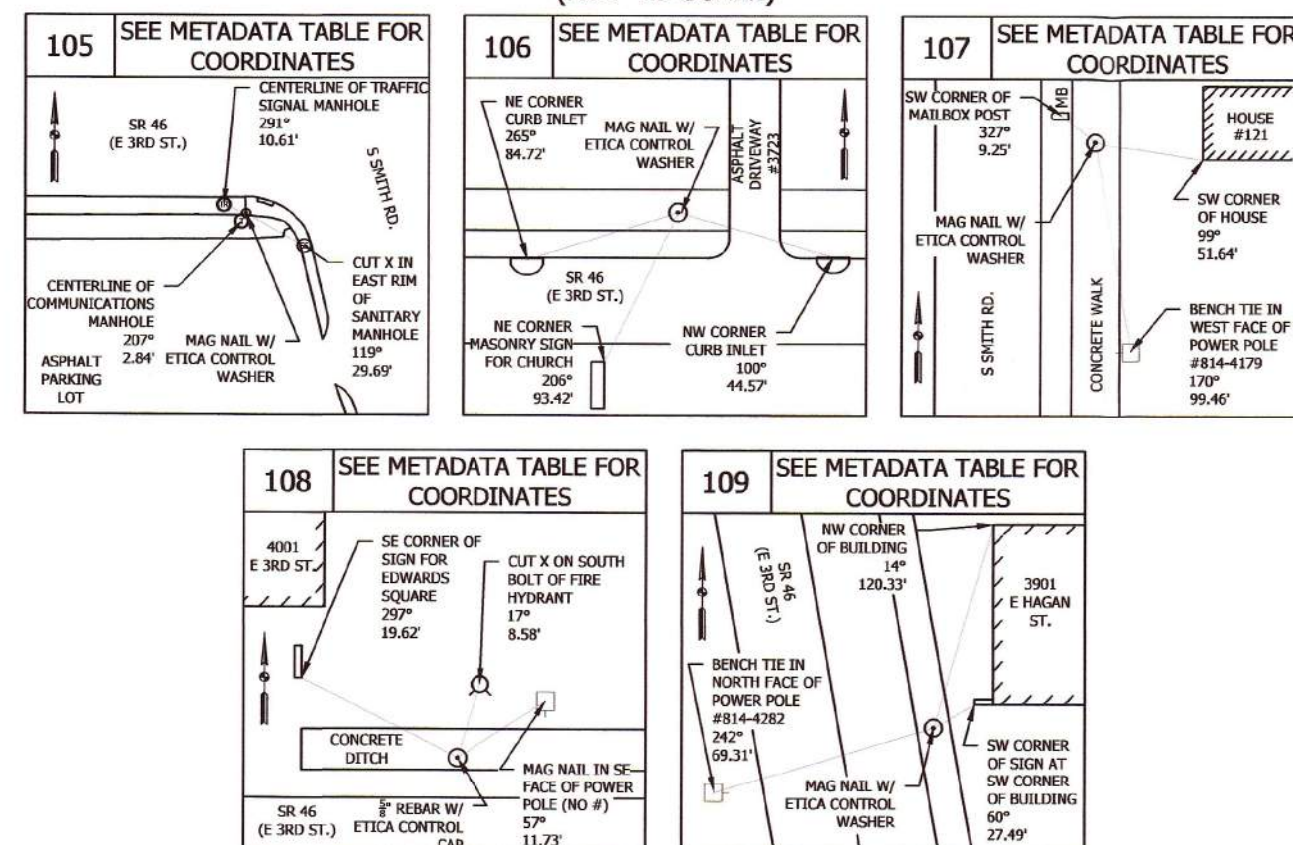
SURVEY POINT ALIGNMENT INFORMATION			
POINT NO.	STATION	OFFSET	ALIGNMENT
105	199+75.21	R 13.98'	LINE "S"
	86+46.50	L 40.73'	LINE "PR"
	86+52.52	L 28.14'	LINE "A (BACK)"
106	194+89.85	L 59.23'	LINE "S"
107	90+82.88	R 22.44'	LINE "A (AHEAD)"
108	204+92.20	L 56.36'	LINE "S"
109	82+78.44	R 40.41'	LINE "A (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)		P.I. (NO CURVE) LINE "A (AHEAD)"
	94+17.35 (MEAS)	0.00'	
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"
	86+52.60	0.00'	P.O.C. LINE "PR"
552	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)"
557	88+10.41	0.00'	P.T. LINE "PR"
	88+14.98	0.00'	P.O.T. LINE "A (AHEAD)"
1000	199+99.67	L 24.98'	LINE "S"
	86+79.54	L 9.72'	LINE "PR"
	86+83.16	0.00'	P.O.T. LINE "A (AHEAD)"
1001	201+14.62	L 24.43'	LINE "S"
	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	792815.7230	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

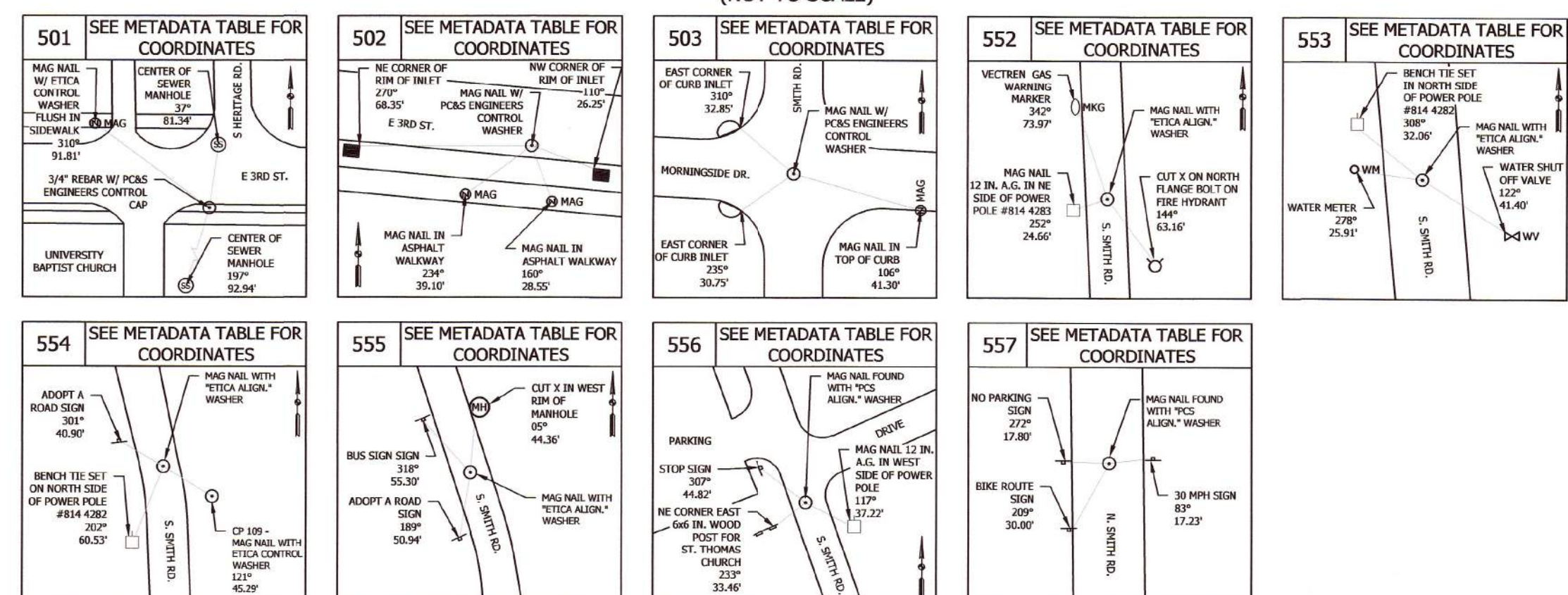
**U.S.P.L.S.S. SECTION CORNER REFERENCES  
(NOT TO SCALE)**



**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
---	4 of 21
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: 1.0000028

Latitude of Grid Origin: 38°57'00" north latitude

False Northing: 36,000,000 m (118,110,000 U.S. Ft)

False Easting: 240,000,000 m (787,400,000 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(Δ) 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 L5930019" 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)", &amp; 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.

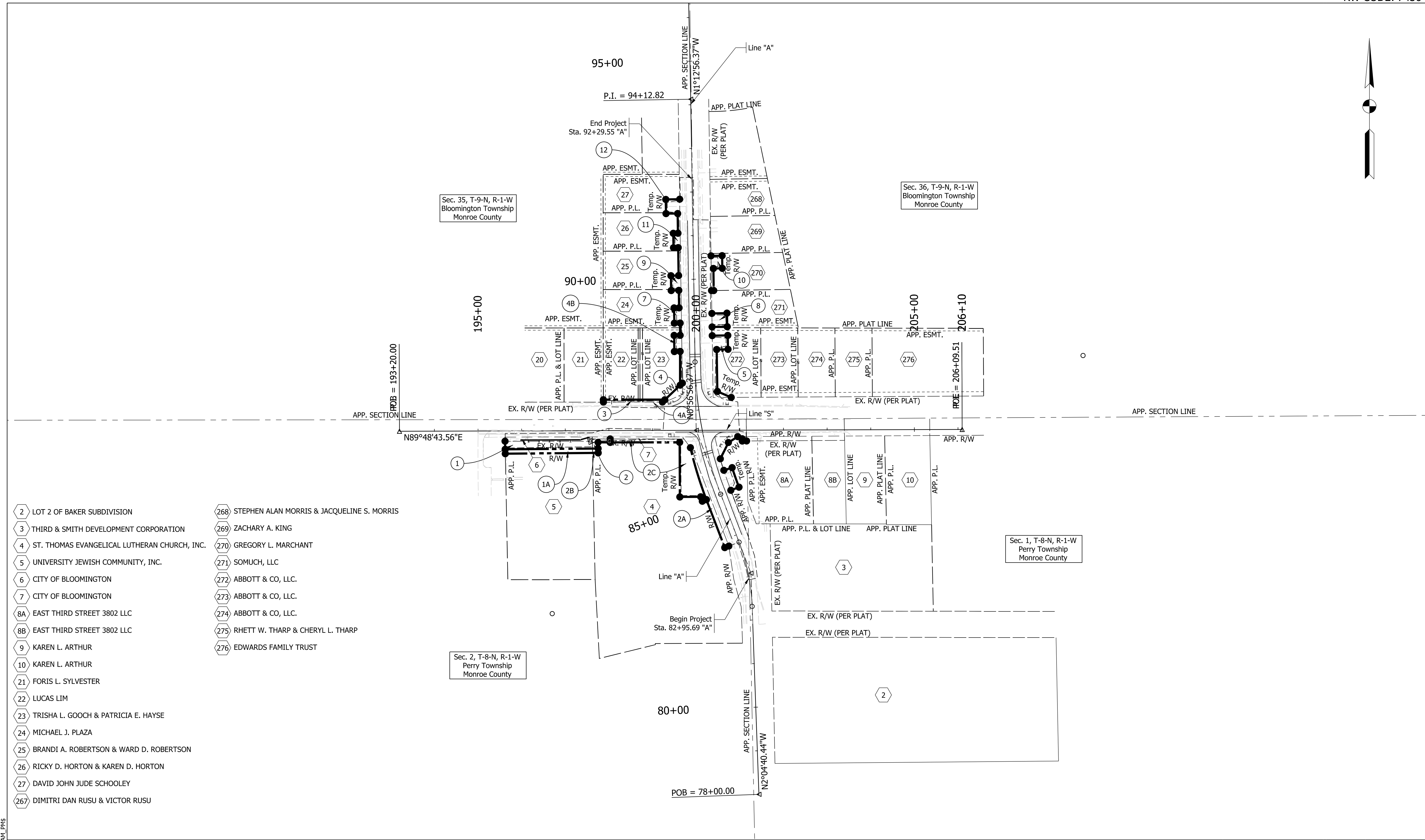
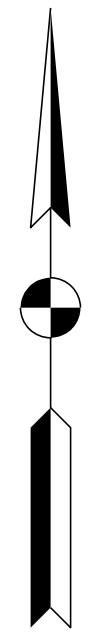
**Affirmation Statement:**

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: 

Printed Name: NICKOLAS M. SCHMITT

SURVEY STARTED		PREPARED BY: 	IN ASSOCIATION WITH: 	FIELD SURVEYOR STATEMENT		PREPARED BY:  NICKOLAS M. SCHMITT, P.S. 12/15/2020	INDIANA DEPARTMENT OF TRANSPORTATION LOCATION CONTROL ROUTE SURVEY	SCALE		BRIDGE FILE					
02-28-2019				THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING 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.				DRAWN: CLC		CHECKED: NMS		---		---	
SURVEY COMPLETED								STATE OF INDIANA LAND SURVEYOR		---		---		---	
05-13-2019								No. LS21200004		---		---		---	
ROUTE PLAT SHEETS		3 OF 3		---		---		---		---					
3		---		---		---		5		of 21					
---		---		---		---		CONTRACT		PROJECT NUMBER					
---		---		---		---		---		Etica No. 180097.07					



- 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**

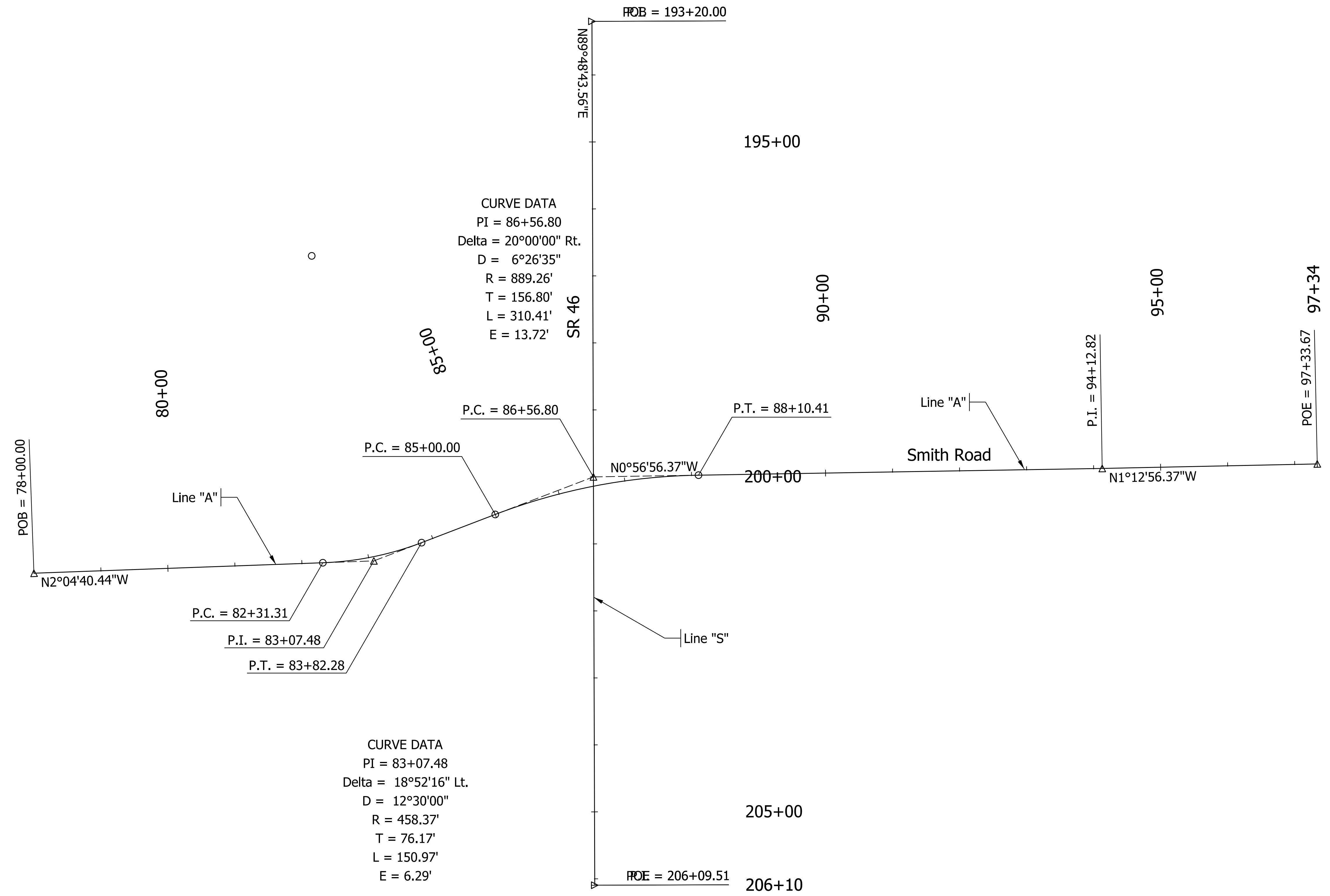
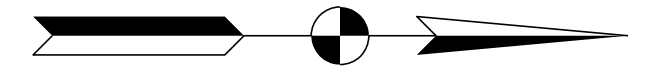
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DESIGNED: CMP	6/3/2022	DRAWN: \$DWNBY\$	6/3/2022
CHECKED: CMR	6/3/2022	CHECKED: \$DWNCHKBY\$	6/3/2022

**INDIANA DEPARTMENT OF TRANSPORTATION**

**PLAT 1**

SCALE	BRIDGE FILE
1"=100'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	6 of 21
CONTRACT	PROJECT
R-41465	1800208

PlotPLOT\_DATE\$ TIME\$ \$AM\$ PM\$



Plot Date: 6/3/2022 11:56:14 AM

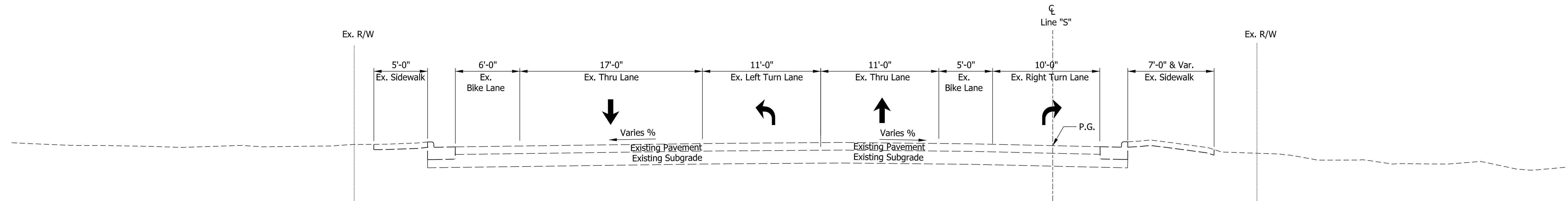
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/3/2022	DATE
DESIGNED: CMP	6/3/2022	DRAWN: \$DWNBY\$	6/3/2022
CHECKED: CMR	6/3/2022	CHECKED: \$DWNCHKBY\$	6/3/2022

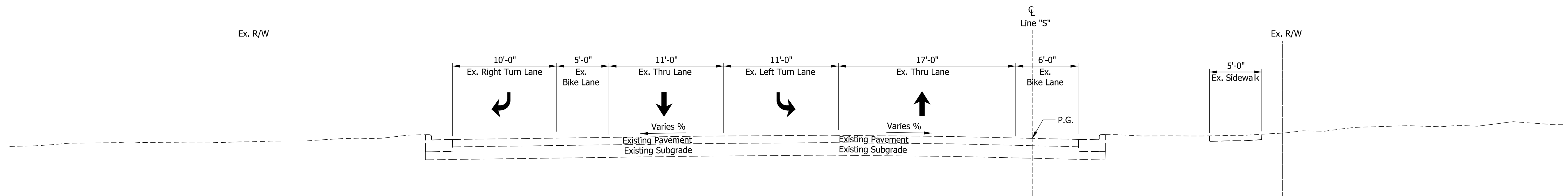
**INDIANA DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT INFORMATION SHEET**

SCALE	BRIDGE FILE
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	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	7 of 21
CONTRACT	PROJECT
R-41465	1800208



SR 46 TYPICAL SECTION  
West Leg



SR 46 TYPICAL SECTION  
East Leg

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**NOT FOR CONSTRUCTION**

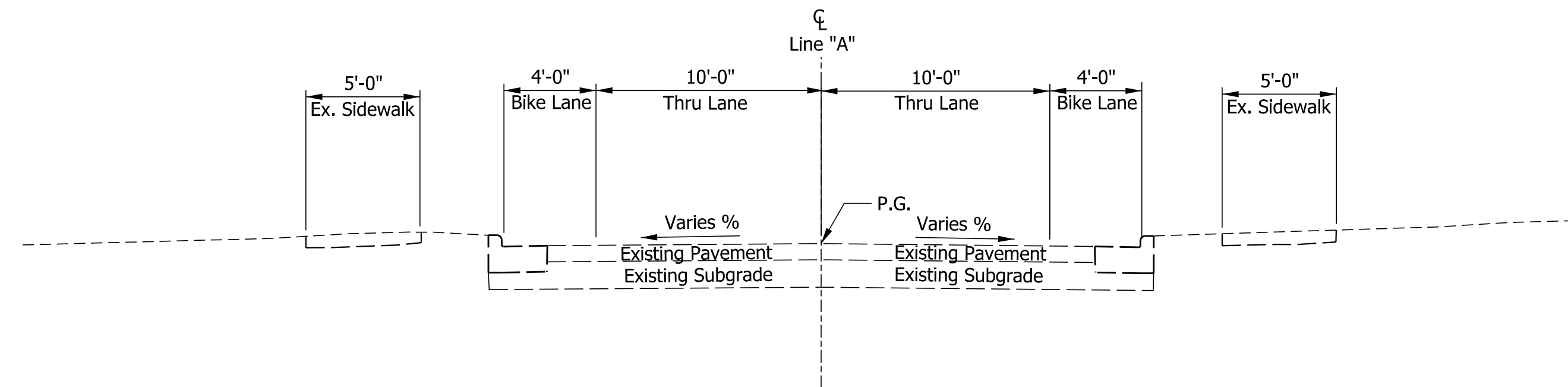
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DESIGNED: CMP	6/3/2022	DRAWN: \$DWNBY\$	6/3/2022
CHECKED: CMR	6/3/2022	CHECKED: \$DWNCHKBY\$	6/3/2022

INDIANA DEPARTMENT OF TRANSPORTATION

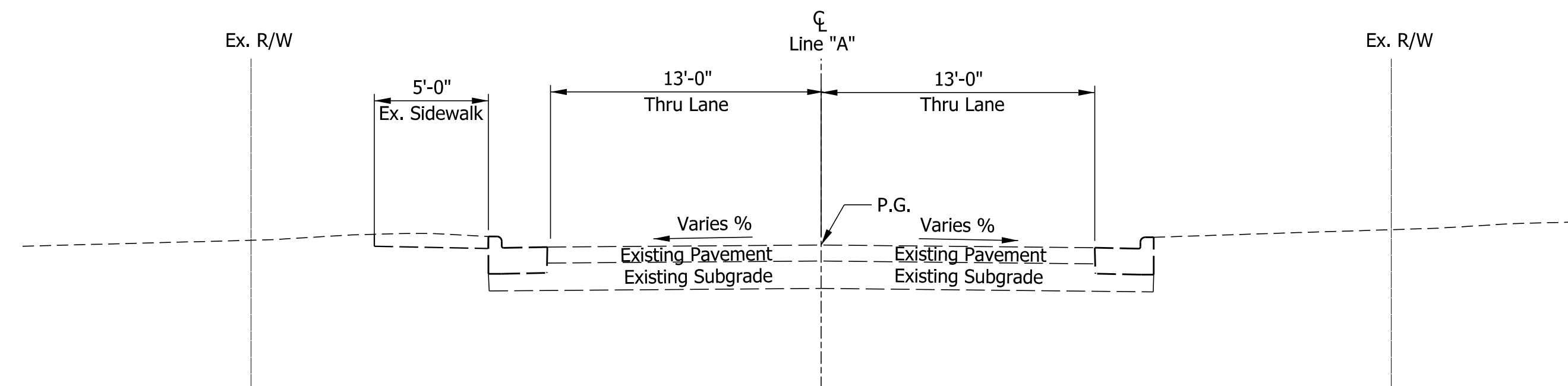
EXISTING TYPICAL SECTIONS  
LINE "S"

SCALE	BRIDGE FILE
5.0000' / in.	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	8 of 21
CONTRACT	PROJECT
R-41465	1800208





SMITH RD TYPICAL SECTION  
North Leg



SMITH RD TYPICAL SECTION  
South Leg

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**NOT FOR CONSTRUCTION**

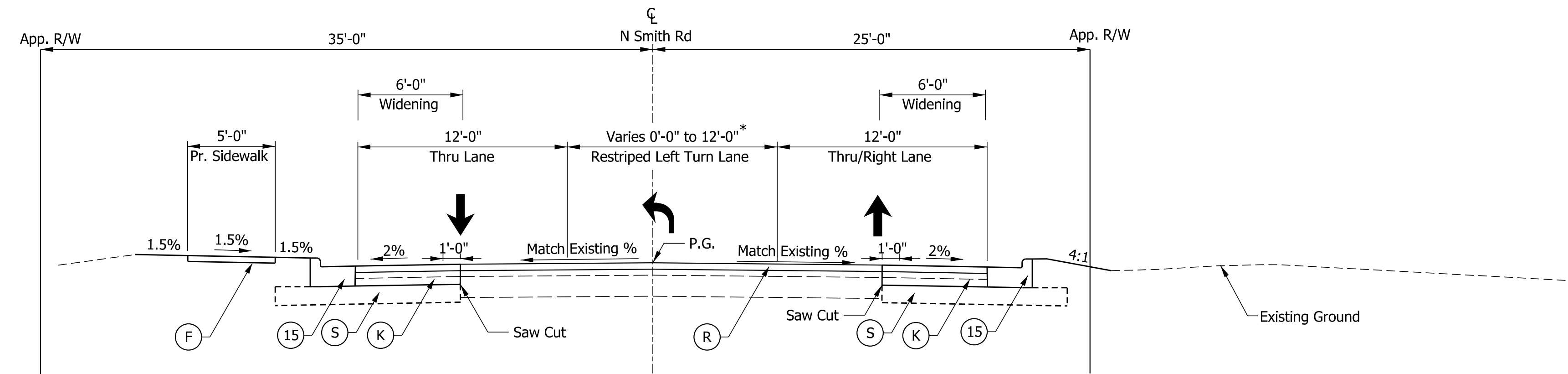
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DESIGNED: CMP	6/3/2022	DRAWN: \$DWNBY\$	6/3/2022
CHECKED: CMR	6/3/2022	CHECKED: \$DWNCHKBY\$	6/3/2022

INDIANA DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS  
LINE "A"

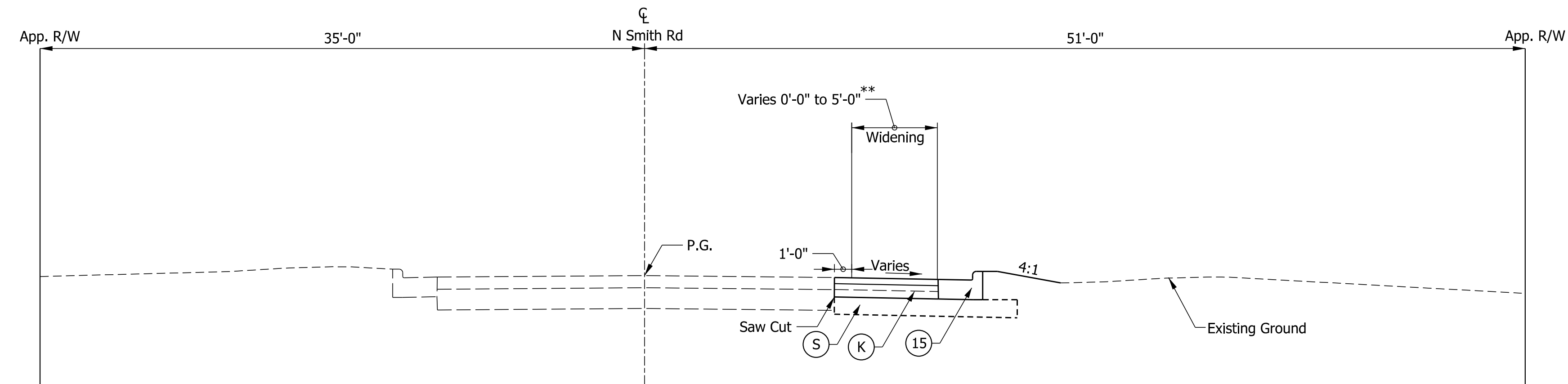
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5.0000' / in.	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	9 of 21
CONTRACT	PROJECT
R-41465	1800208

**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**

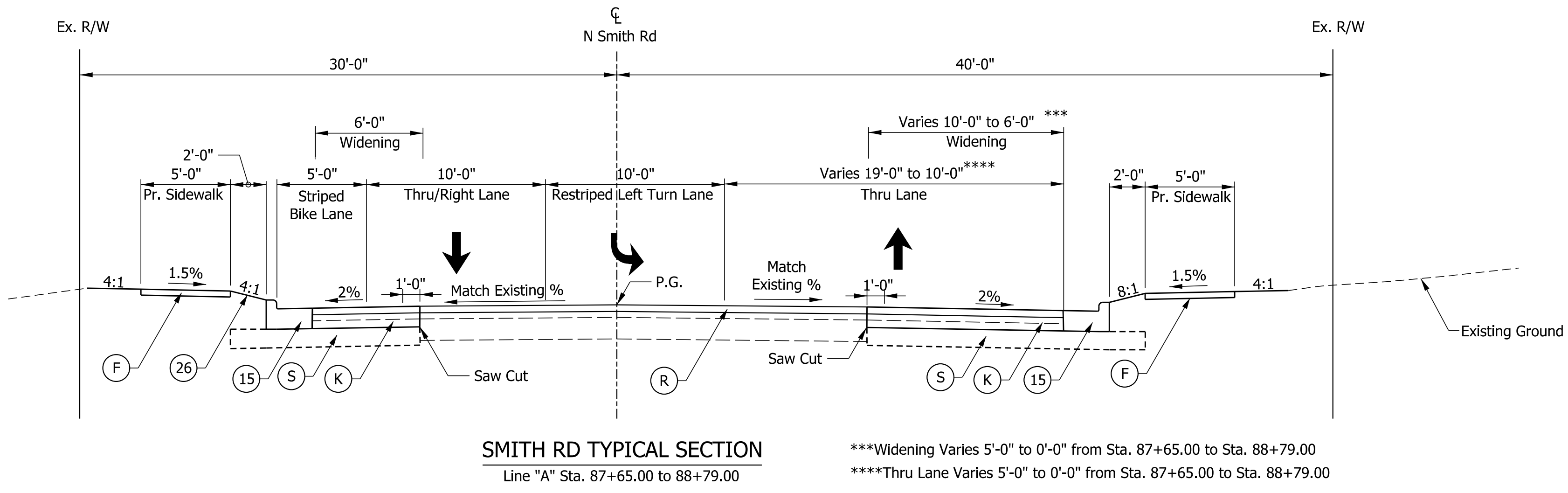
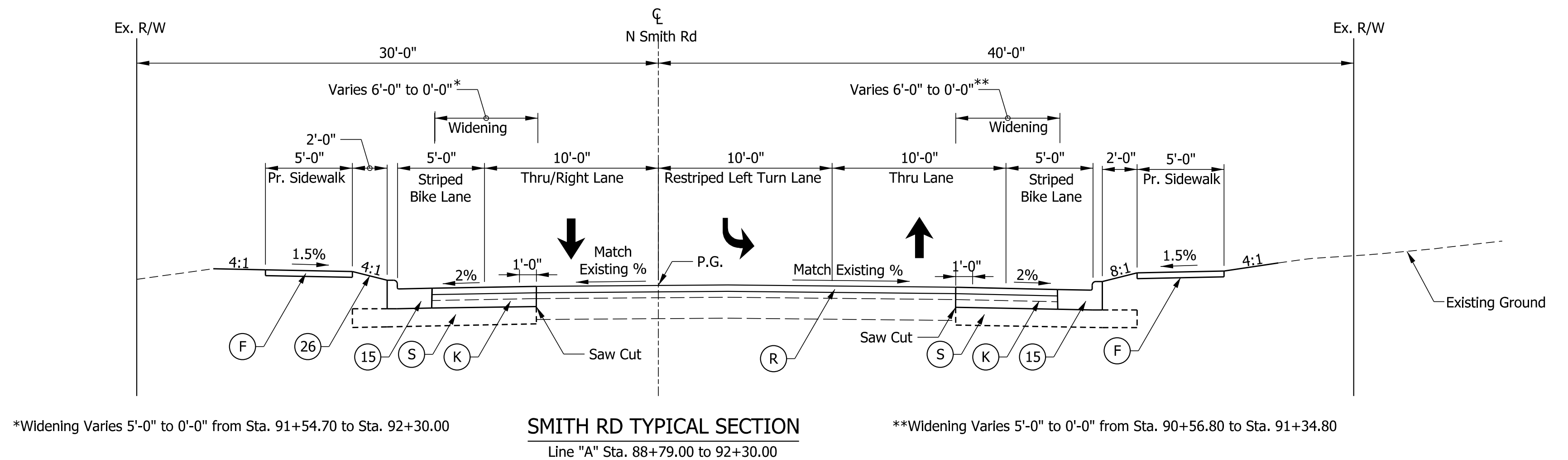
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DESIGNED: CMP	6/3/2022	DRAWN: \$DWNBY\$	6/3/2022
CHECKED: CMR	6/3/2022	CHECKED: \$DWNCHKBY\$	6/3/2022

INDIANA DEPARTMENT OF TRANSPORTATION  
 TYPICAL SECTIONS LINE "A"

SCALE	BRIDGE FILE
1/2"=1'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	10 of 21
CONTRACT	PROJECT
R-41465	1800208

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



- 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**

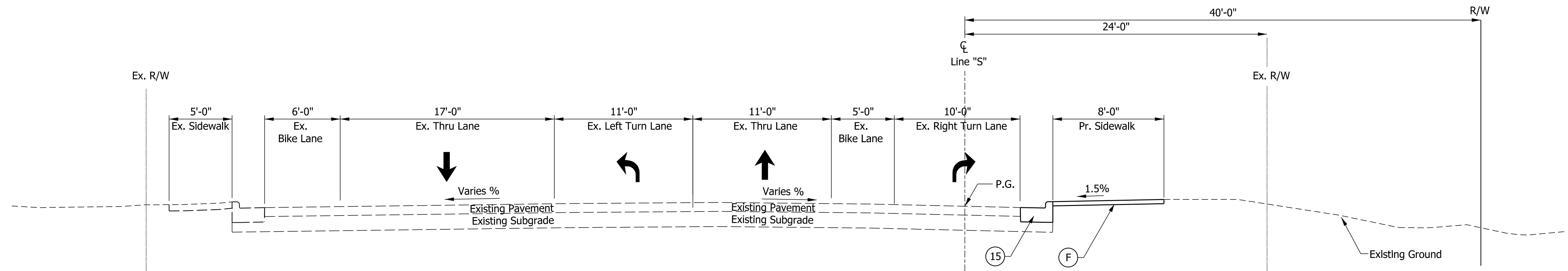
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DESIGNED: CMP	6/3/2022	DRAWN: \$DWNBY\$	6/3/2022
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**INDIANA DEPARTMENT OF TRANSPORTATION**

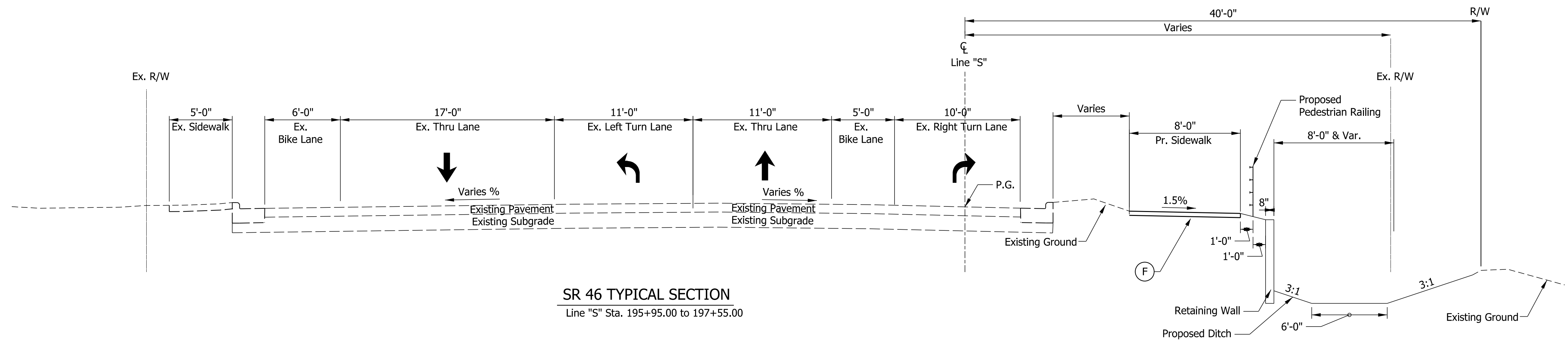
**TYPICAL SECTIONS LINE "A"**

SCALE	BRIDGE FILE
1/2"=1'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	11 of 21
CONTRACT	PROJECT
R-41465	1800208

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**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

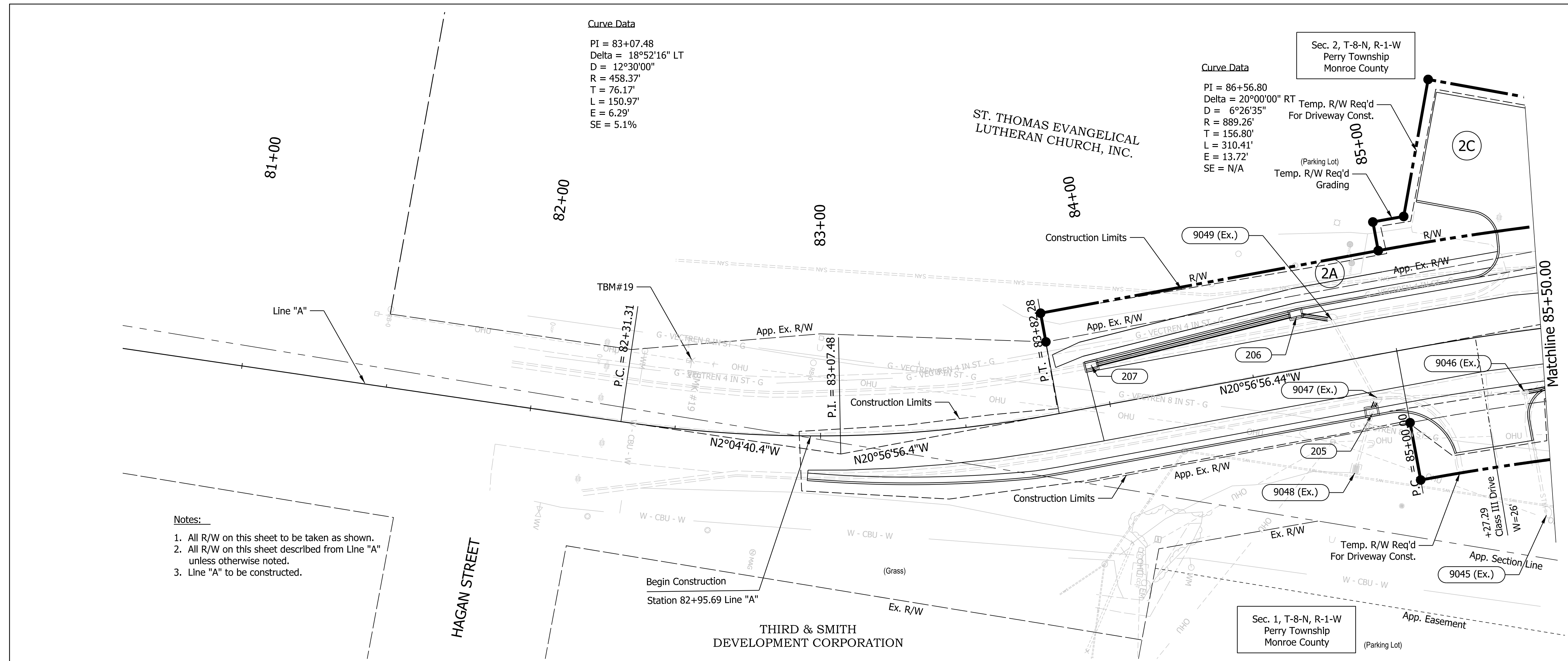
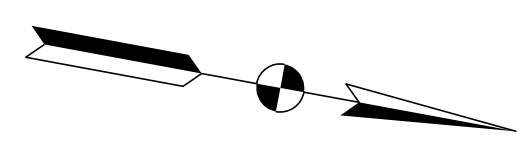
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/3/2022	DATE
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CHECKED: CMR	6/3/2022	CHECKED: \$DWNCHKBY\$	6/3/2022

**INDIANA DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS LINE "S"**

SCALE	BRIDGE FILE
1/2"=1'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	12 of 21
CONTRACT	PROJECT
R-41465	1800208

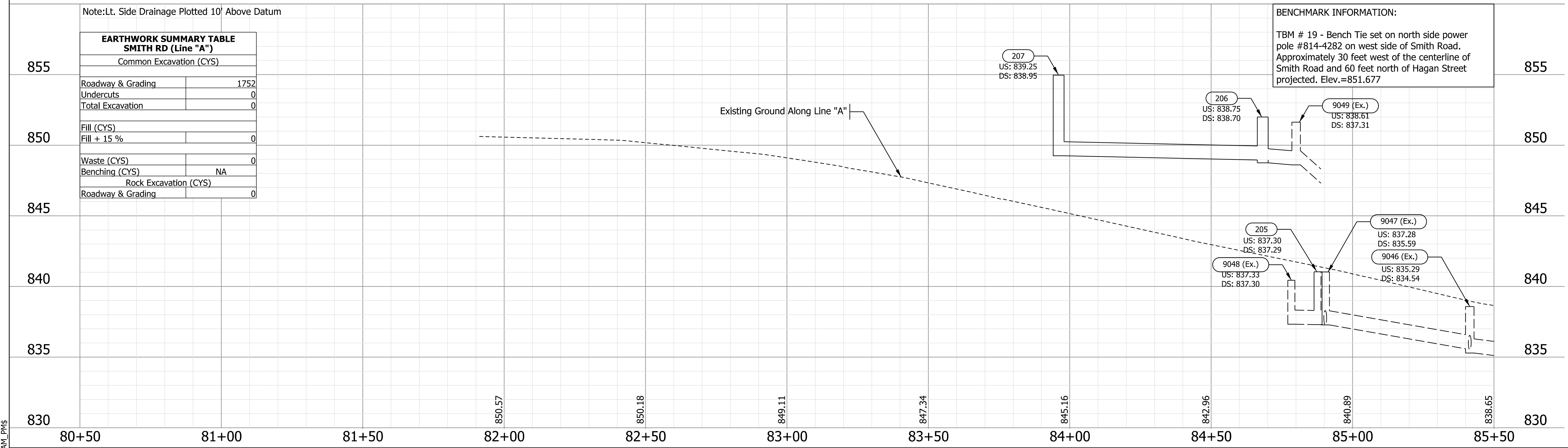


- Notes:**
- All R/W on this sheet to be taken as shown.
  - All R/W on this sheet described from Line "A" unless otherwise noted.
  - Line "A" to be constructed.

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)	0
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



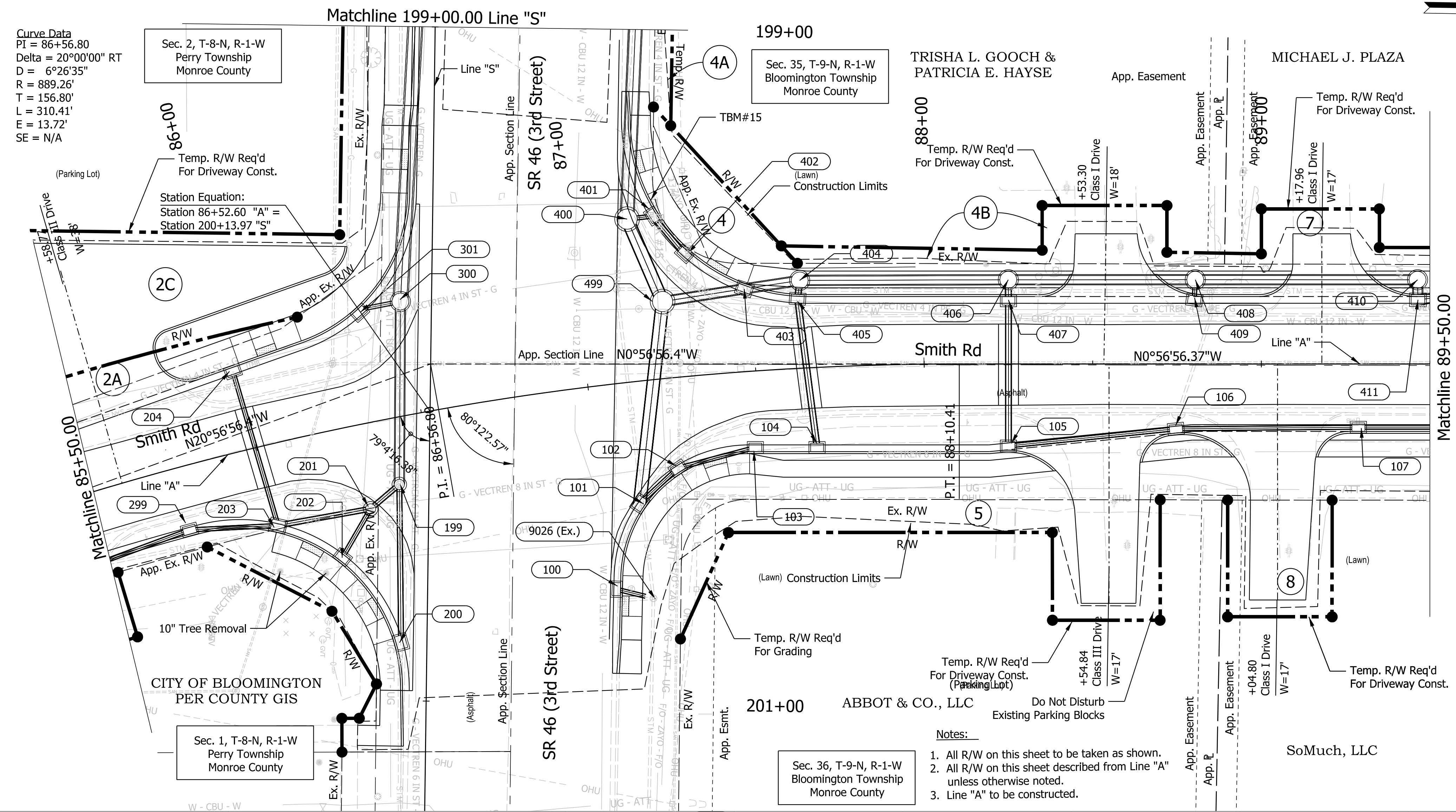
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CHECKED: CMR	6/3/2022	CHECKED: \$DWNCHKBY\$ 6/3/2022

**INDIANA DEPARTMENT OF TRANSPORTATION**

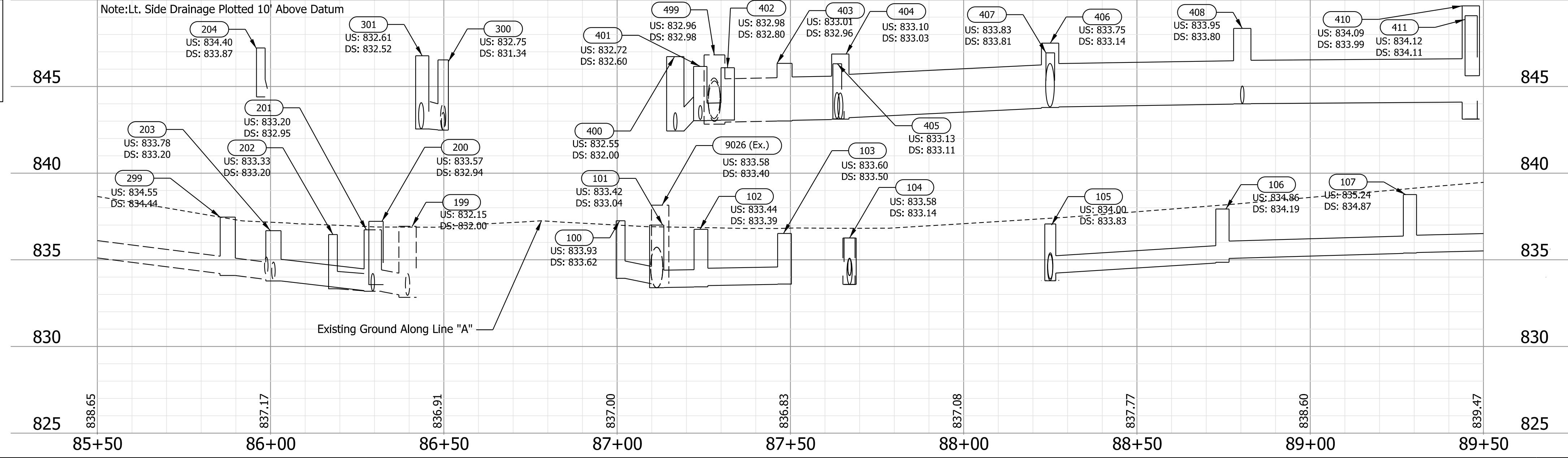
**PLAN AND PROFILE**  
 Sta. 81+50.00 to 85+50.00 Line "A"

SCALE	BRIDGE FILE
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	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	13 of 21
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Sheets\RW\_Sht\_PP\_20\_01.dgn



**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**

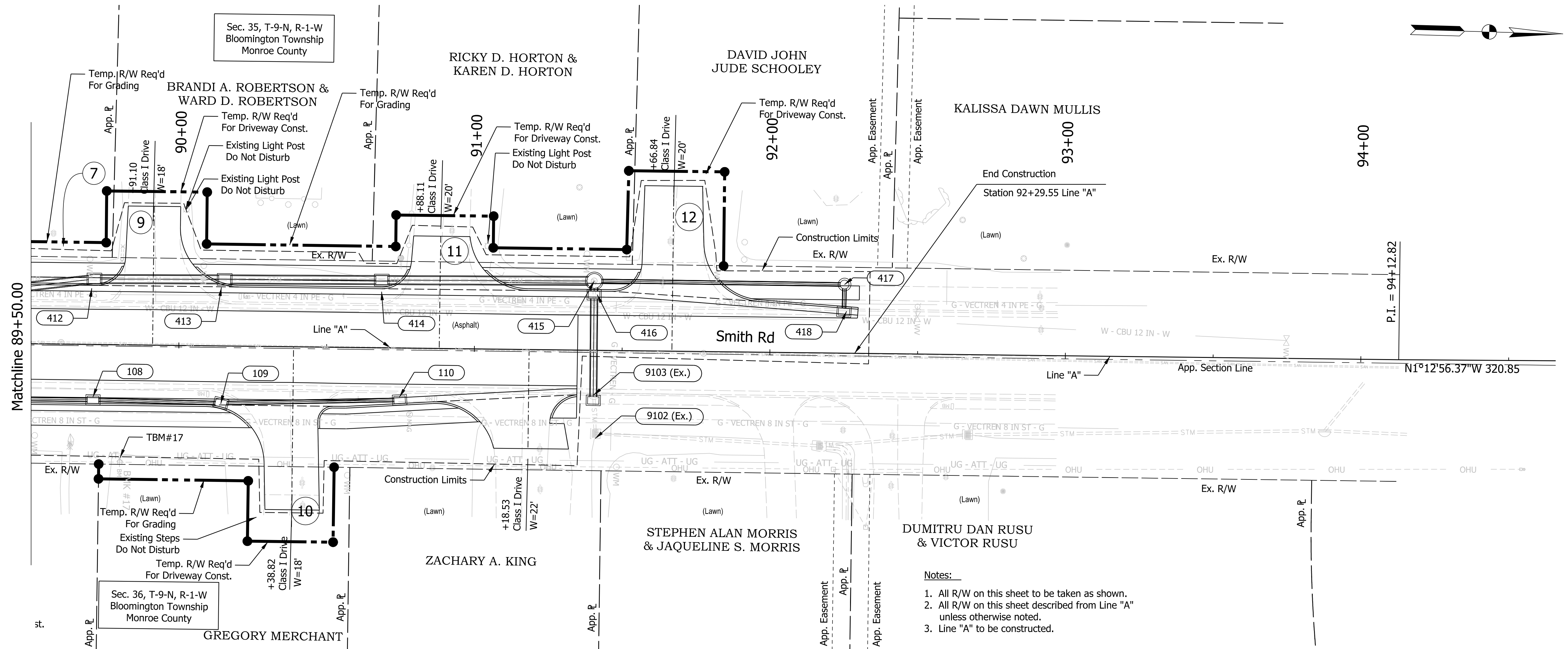
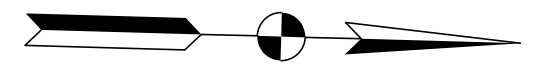
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/3/2022	DATE
DESIGNED: CMP	6/3/2022	DRAWN: \$DWNBY\$	6/3/2022
CHECKED: CMR	6/3/2022	CHECKED: \$DWNCHKBY\$	6/3/2022

**INDIANA DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE**  
 Sta. 85+50.00 to 89+50.00 Line "A"

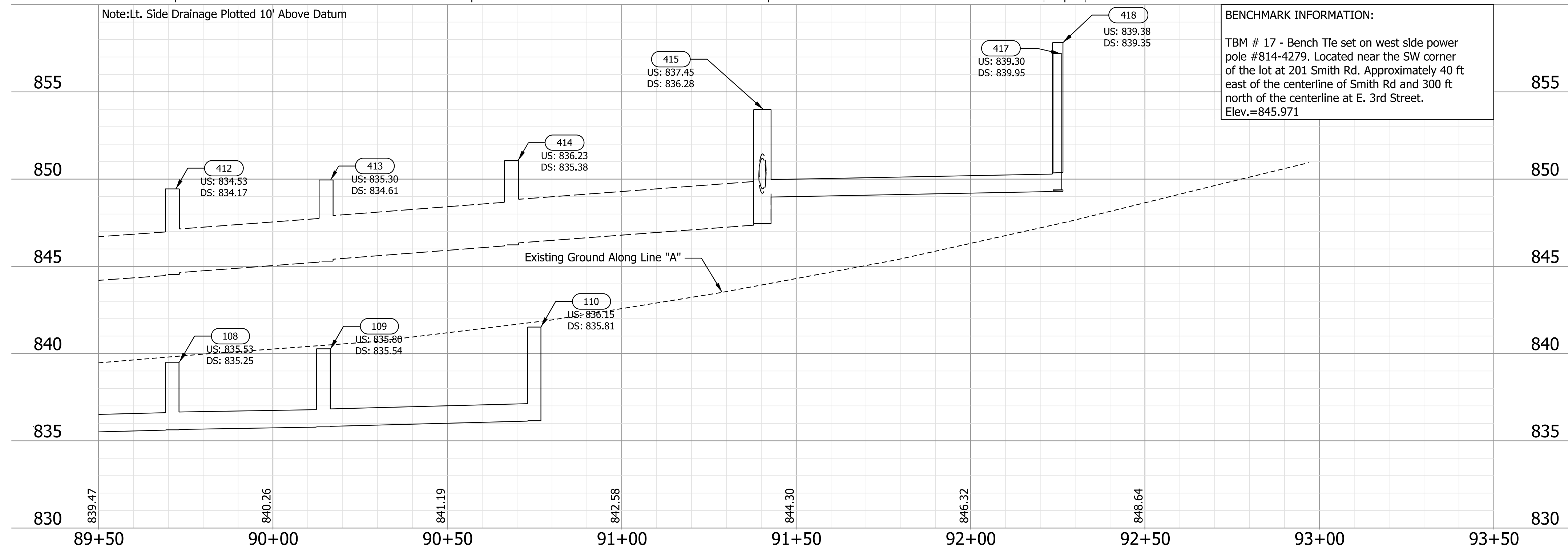
SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	14 of 21
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Sheets\RW\_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**

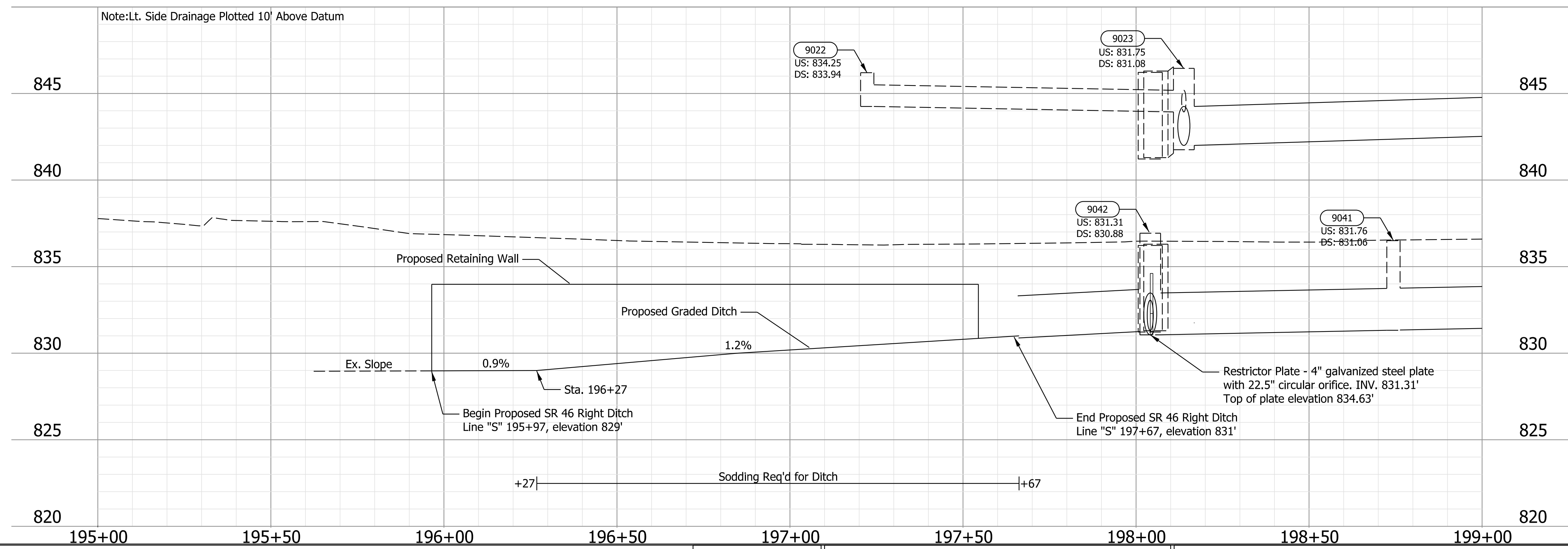
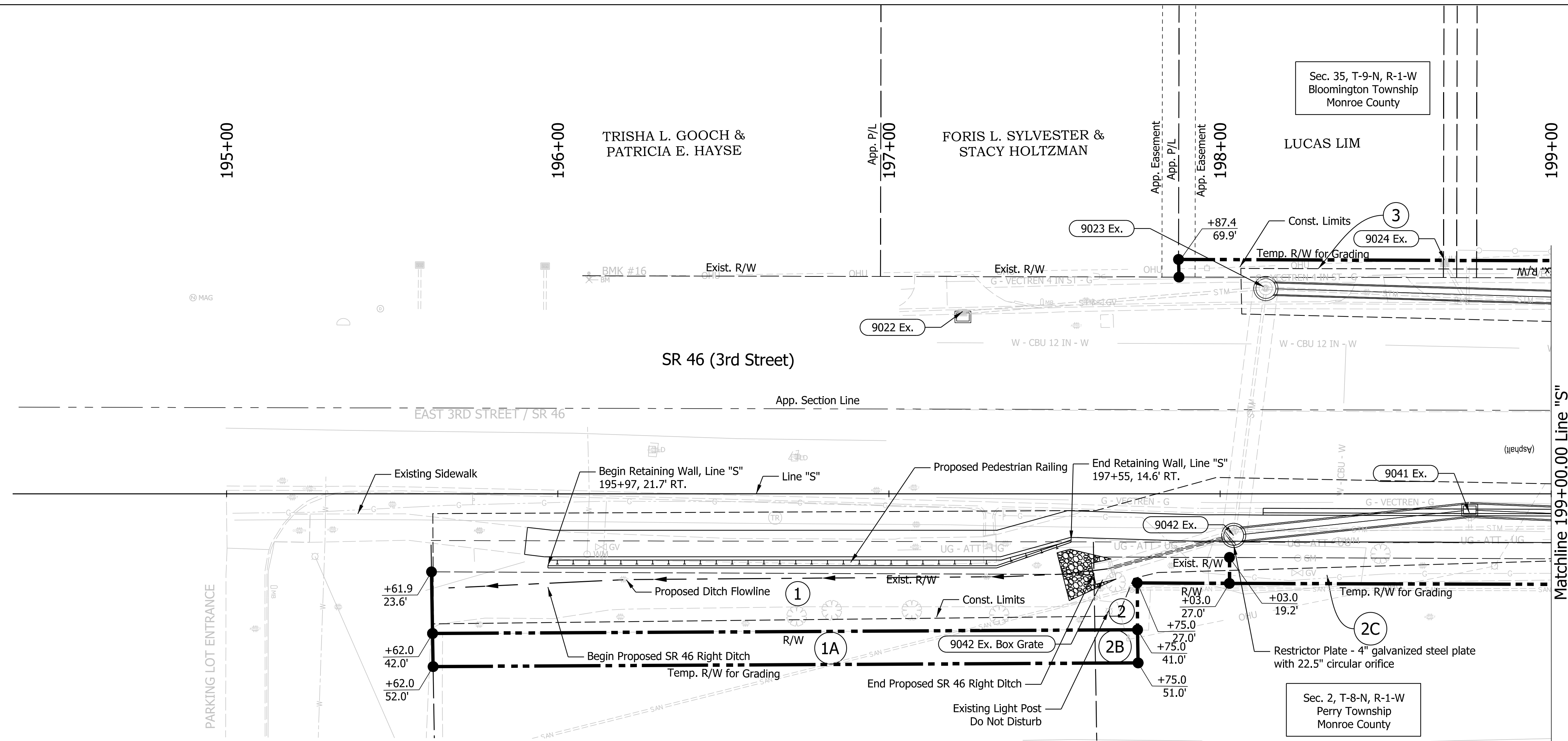
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/13/2022
DESIGNED: CMP	6/13/2022	DRAWN: \$DWNBY\$ 6/13/2022
CHECKED: CMR	6/13/2022	CHECKED: \$DWNCHKBY\$ 6/13/2022

**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	15 of 21
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Sheets\RW\_Sht\_PP\_20\_03.dgn



PLOT DATE: 6/3/2022 11:54 AM

**NOT FOR CONSTRUCTION**

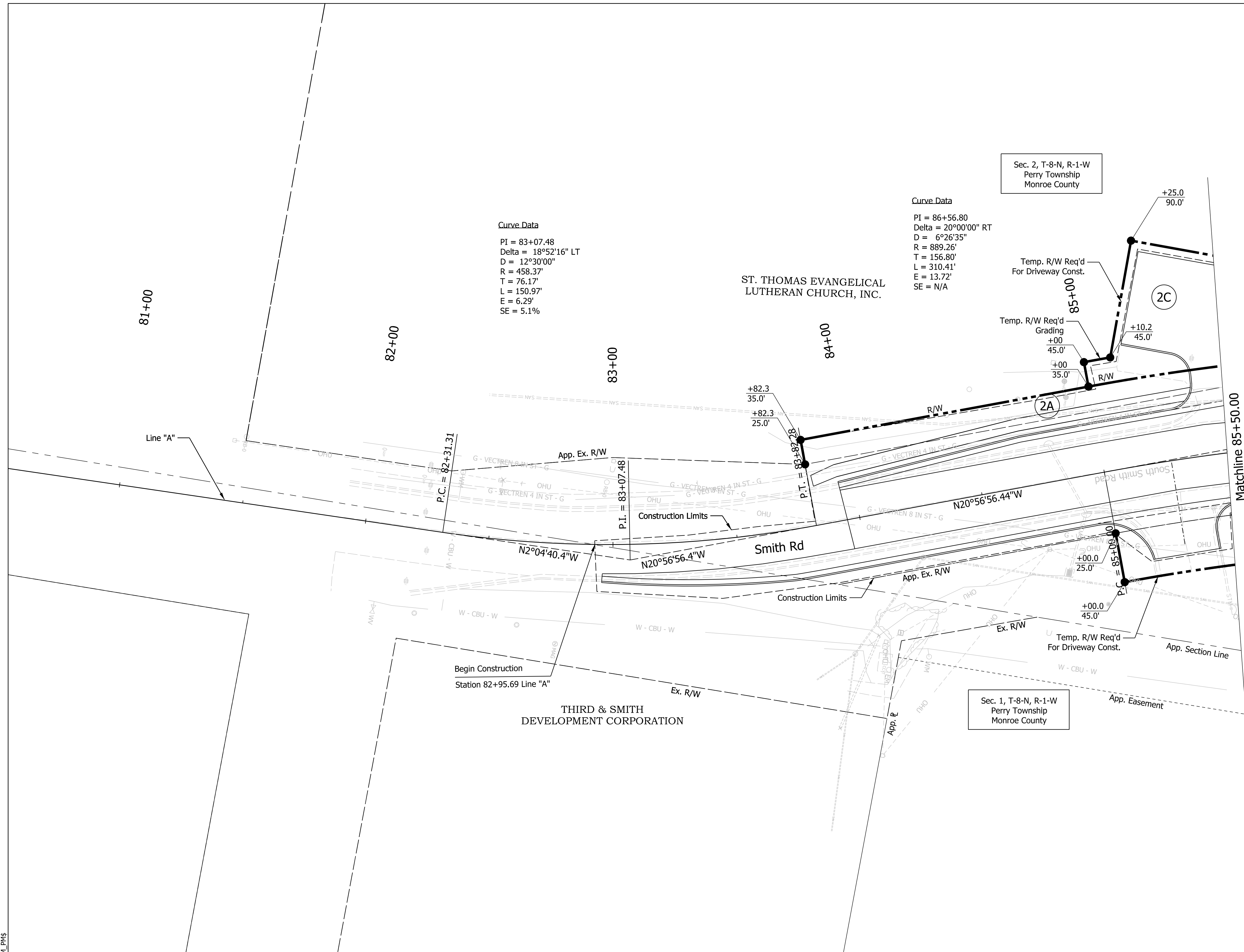
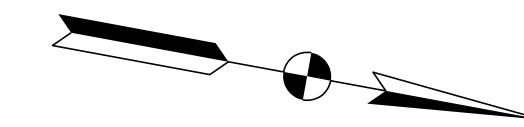
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/3/2022	DATE
DESIGNED: CMP	6/3/2022	DRAWN: \$DWNBY\$	6/3/2022
CHECKED: CMR	6/3/2022	CHECKED: \$DWNCHKBY\$	6/3/2022

**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





**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

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

**NOT FOR CONSTRUCTION**

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/3/2022
DESIGNED: CMP	DRAWN: \$DWNBY\$	6/3/2022
CHECKED: CMR	CHECKED: \$DWNCHKBY\$	6/3/2022

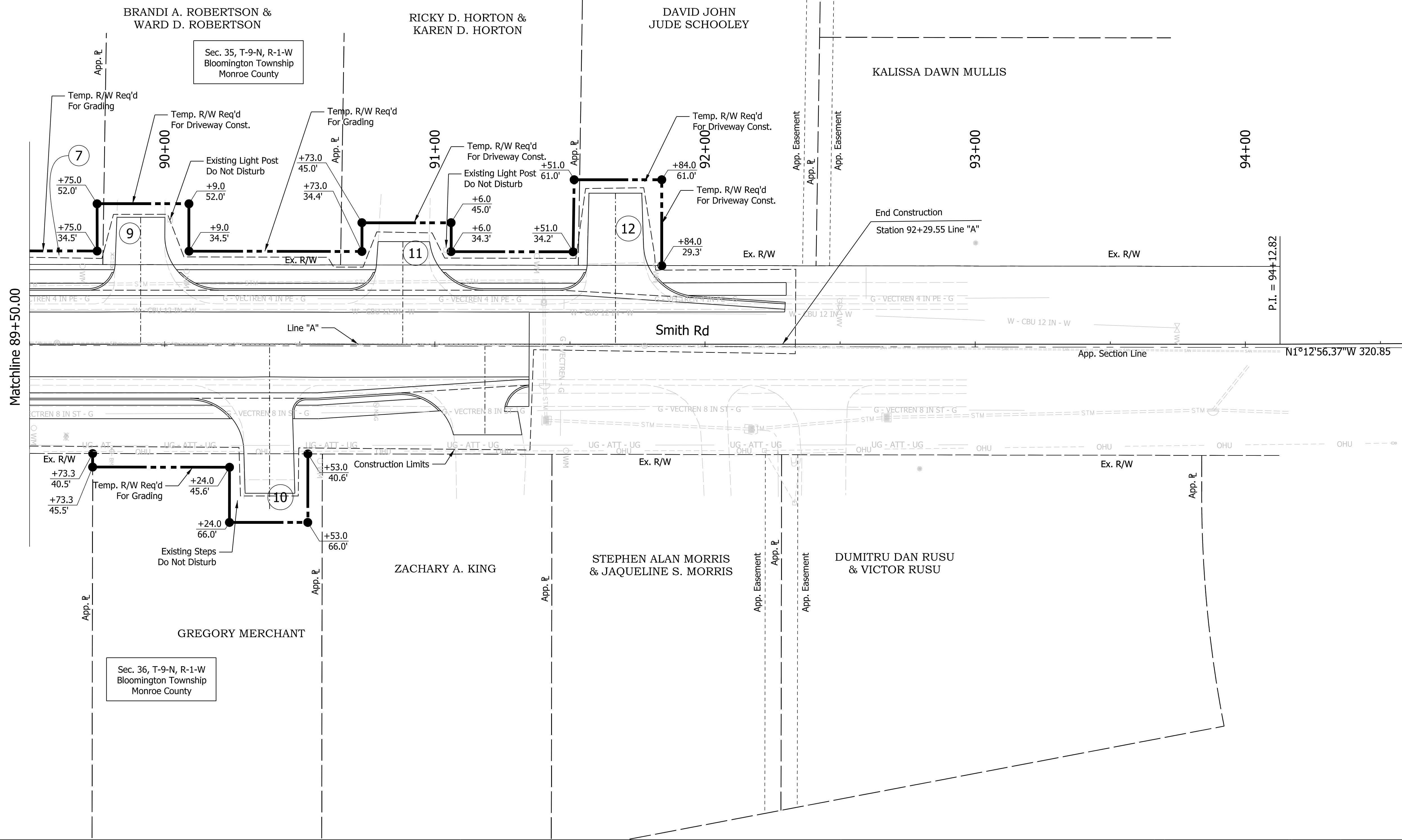
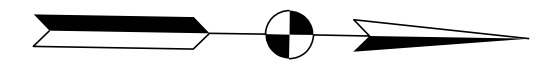
**INDIANA DEPARTMENT OF TRANSPORTATION**

**RIGHT OF WAY DETAIL**  
 Sta. 81+50.00 to 85+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	17 of 21
CONTRACT	PROJECT
R-41465	1800208

P:\\$PLOT\_D\PROJECT\_TIMES\_\$AM\_PMS





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

**NOT FOR CONSTRUCTION**

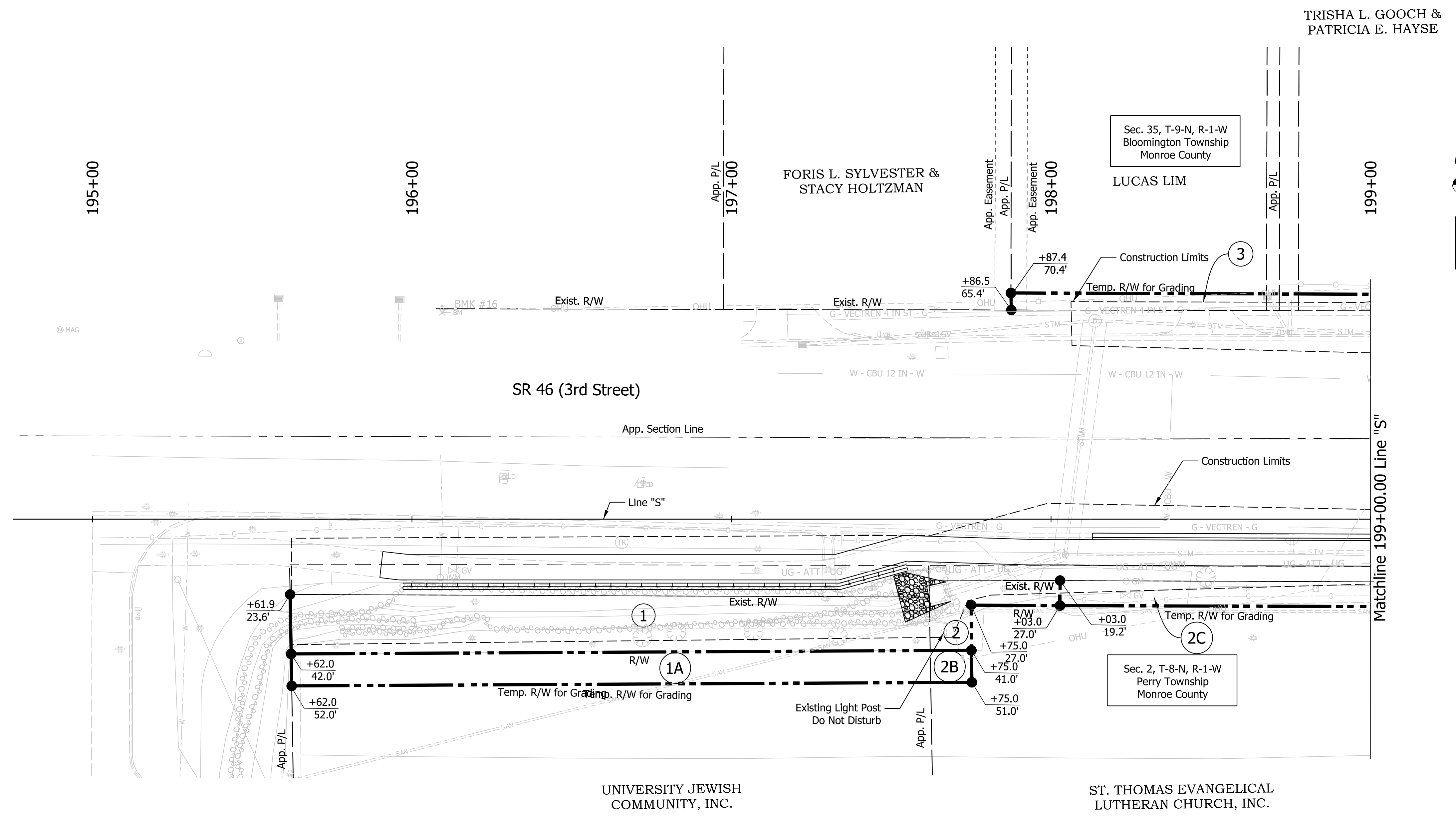
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/3/2022
DESIGNED: CMP	DRAWN: \$DWNBY\$	6/3/2022
CHECKED: CMR	CHECKED: \$DWNCHKBY\$	6/3/2022

**INDIANA DEPARTMENT OF TRANSPORTATION**

**RIGHT OF WAY DETAIL**  
Sta. 89+50.00 to 93+50.00 Line "A"

SCALE	BRIDGE FILE
1"=20'	N/A
	DESIGNATION
	1800208
SURVEY BOOK	SHEETS
Electronic	19 of 21
CONTRACT	PROJECT
R-41465	1800208

Plot: L:\INDOT\18070904-11\Draw\Sheets\RW\_Sht\_RW Details\_20\_03.dgn



P:\DOT\18070904-11\Draw\Sheets\RW\_Sht\_RW Details\_20\_04.dgn

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

**NOT FOR CONSTRUCTION**

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	6/3/2022
DESIGNED: CMP	6/3/2022	DRAWN: \$DWNBY\$ 6/3/2022
CHECKED: CMR	6/3/2022	CHECKED: \$DWNCHKBY\$ 6/3/2022

**INDIANA DEPARTMENT OF TRANSPORTATION**

**RIGHT OF WAY DETAIL**  
Sta. 195+00.00 to 199+00.00 Line "S"

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

