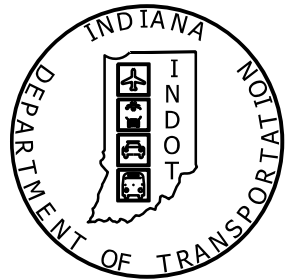


PROJECT	DESIGNATION
2200521	2200521
CONTRACT	
R-44578	

INDIANA DEPARTMENT OF TRANSPORTATION



ROAD PLANS

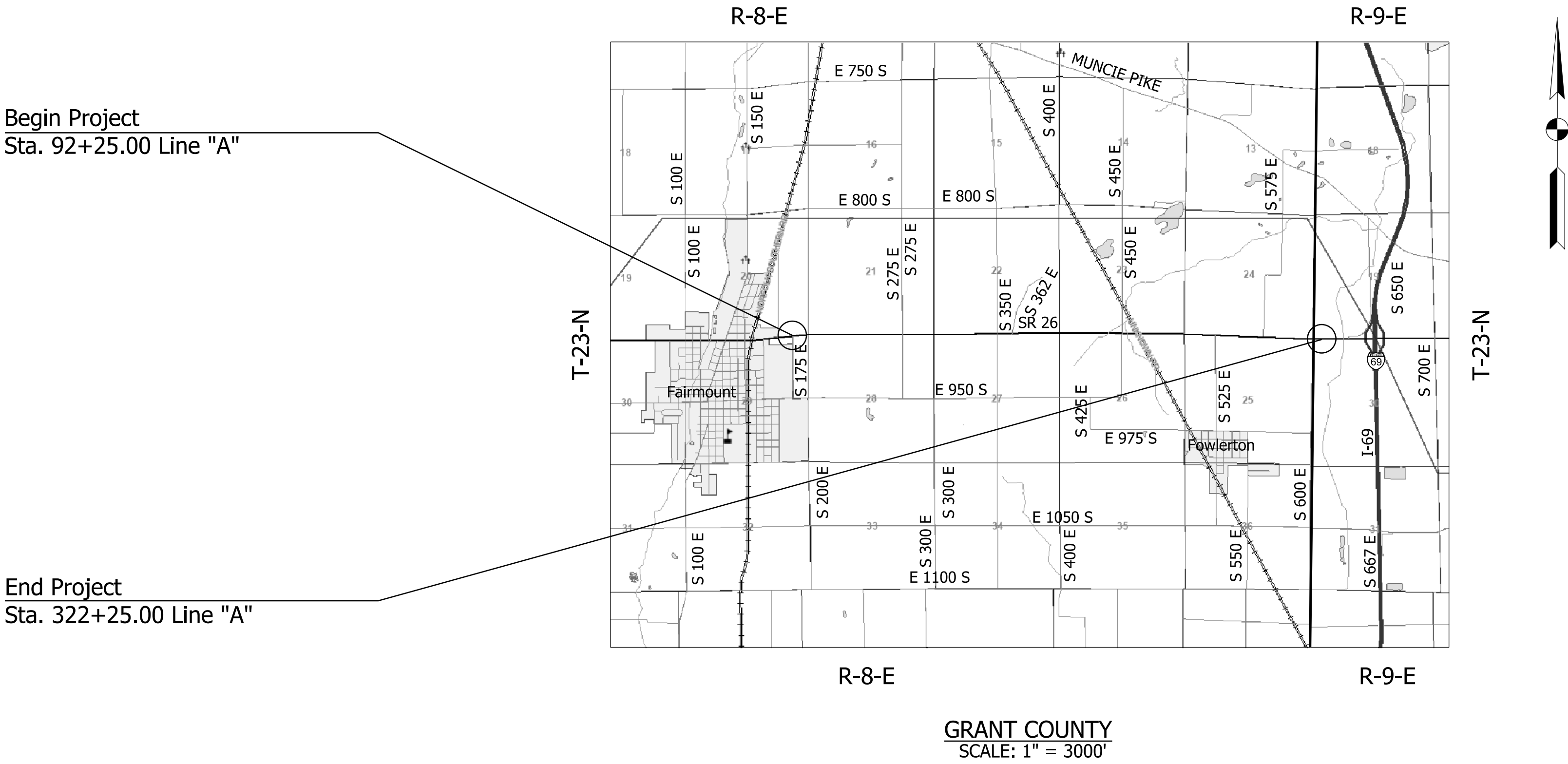
ROUTE: SR 26 FROM RP:101+84 TO RP:106+75

PROJECT NO. 2200521 P.E.
2200521 R/W
2200521 CONST.

NOTE TO REVIEWER

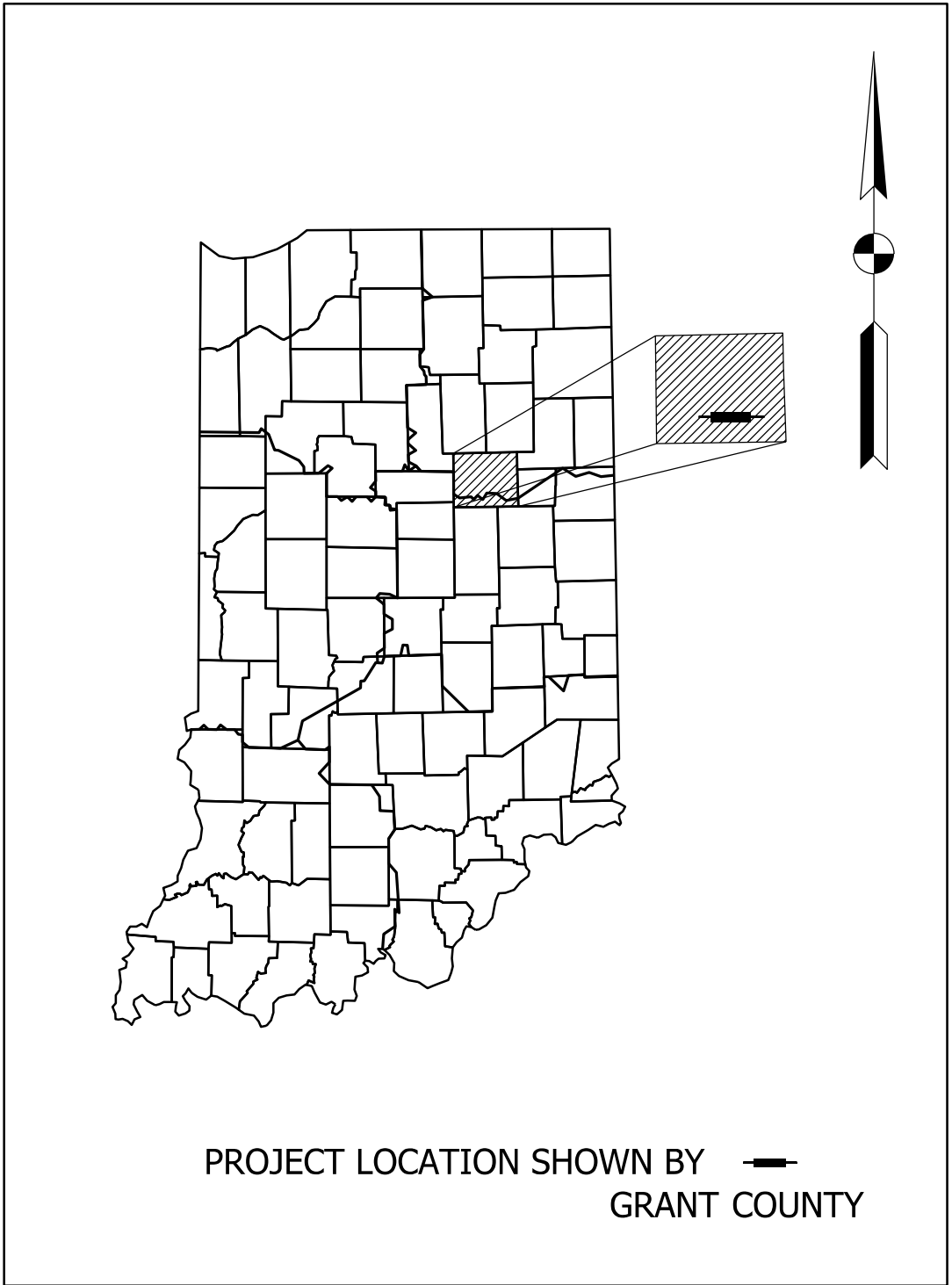
1. Four areas of additional survey are needed and will be shown on future submittals:
Sta. 181+50 to 182+00 for Str. No. 40 & 41E
Sta. 265+00 to 268+00 for left ditch
Sta. 300+00 to 306+00 for left ditch
Sta. 310+00 to 313+00 for left ditch

SMALL STRUCTURES AND PIPES CONSTRUCTION ALONG SR 26 FROM 1.74 MILES E OF SR 9 TO 0.36 MILES W OF I-69 IN SECTIONS 20, 21, 22, 23, 24, 25, 26, 27, 28, 29 T-23-N, R-8-E OF FAIRMOUNT TOWNSHIP, GRANT COUNTY, INDIANA AND SECTIONS 19, 30, T-23-N, R-9-E OF JEFFERSON TOWNSHIP, GRANT COUNTY, INDIANA.



TRAFFIC DATA		SR 26
A.A.D.T.	(2024)	4,431 V.P.D.
A.A.D.T.	(2047)	5,570 V.P.D.
D.H.V	(2047)	491 V.P.H.
DIRECTIONAL DISTRIBUTION		52 %
TRUCKS		15 % A.A.D.T.
		1.5 % D.H.V.

DESIGN DATA	
DESIGN SPEED	55 M.P.H.
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	MINOR ARTERIAL
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE



LATITUDE:	40° 25' 24" N
LONGITUDE:	85° 38' 20" W
GROSS LENGTH:	4.30 mi
NET LENGTH:	4.30 mi
MAX. GRADE:	0.61%

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

CDM
Smith

211 N Pennsylvania Street, Suite 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 2

PLANS PREPARED BY: CDM Smith Inc. (317) 829-9600 PHONE NUMBER

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

CERTIFIED BY: DATE

APPROVED FOR LETTING:

SURVEY BOOK	SHEETS
ELECTRONIC	1 of 61
CONTRACT	PROJECT
R-44578	2200521

Plot: 12/20/2024 9:55 PM

UTILITIES

FIBER OPTIC

American Electric Power- Fiber
8500 Smiths Mill Road
New Albany, OH 43054
I-MFiberRelocate@aep.com

Zayo Bandwidth
722 N. High School Road
Indianapolis, IN 46214
Waylon Higgins
zayo.relo.indiana@zayo.com

ELECTRIC

American Electric Power- Distribution
I&M Distribution
MU_PublicProjects@aep.com

PIPELINE

Panhandle Eastern Pipeline
8910 Purdue Road, Suite 300
Indianapolis, IN 46268
Nathan Cloud
nathan.cloud@energytransfer.com

Texas Eastern Gas Pipeline
Lucas Ellison
Lucas.Ellison@enbridge.com

COMMUNICATIONS

AT&T
13630 Lordin Ave
Cleveland, OH 44111
David Blackwell
g09871@att.com

GAS

Centerpoint Energy North
1800 W. 26th Street
Muncie, IN 47302
765-287-2119
Jon Eastham
publicproject@centerpointenergy.com

SANITARY SEWER/WATER

Fairmount Utilities
214 N. Washington Street
Fairmount, IN 46928
Steve Deal
fairmountwater@netzero.com

TELEPHONE

Frontier
8001 W Jefferson Blvd
Fort Wayne, IN 46804
260-415-9328
Joe Sarll
utilitycordreq@ftr.com

COMMUNICATIONS

Windstream
5020 Smythe Drive
Evansville, IN 47715
812-461-7450
Shawn Riley
shawn.riley@windstream.com

811

Know what's below.
Call before you dig.

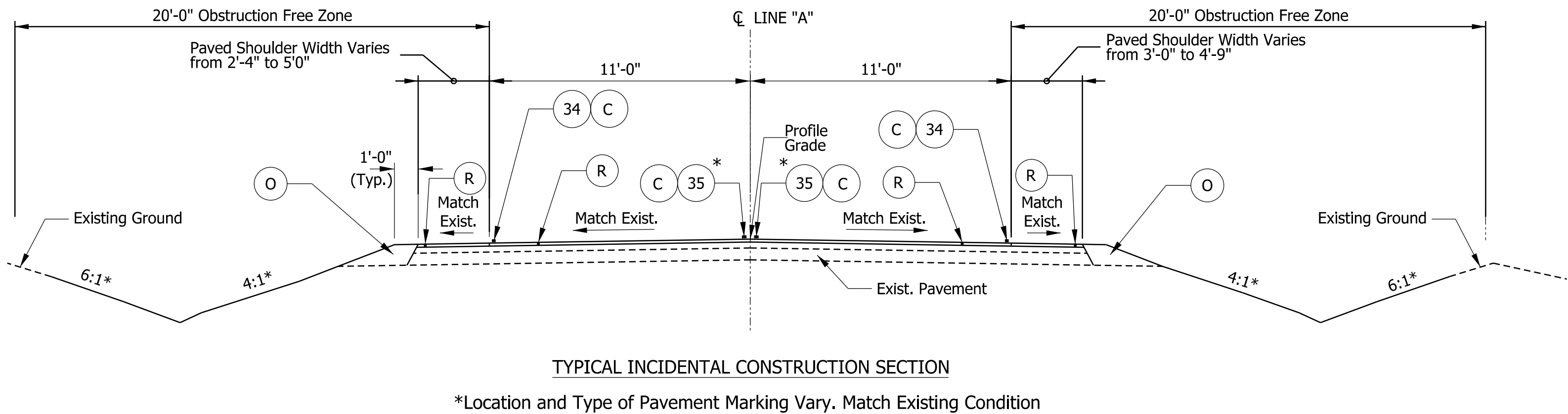
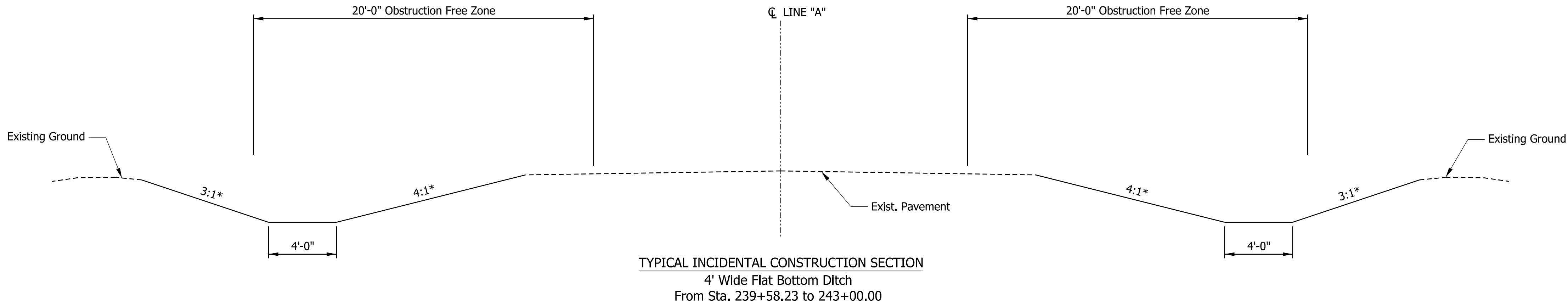
INDIANA UNDERGROUND
1-800-382-5544 OR CALL 811
24 HOURS A DAY 7 DAYS A WEEK

INDEX	
SHEET NO.	DRAWINGS INDEX
1	TITLE
2	INDEX AND GENERAL NOTES
3	TYPICAL CROSS SECTIONS
4-12	LOCATION CONTROL ROUTE SURVEY
13-14	PLAT NO. 1
15	DETOUR ROUTE
16-27	PLAN AND PROFILE - LINE "A"
28-31	SPOT ELEVATION DETAILS
32	APPROACH DETAILS
33-34	SUMMARY OF QUANTITIES
35-61	CROSS SECTIONS

GENERAL NOTES	

REVISIONS		
SHEET NO.	DATE	REVISED

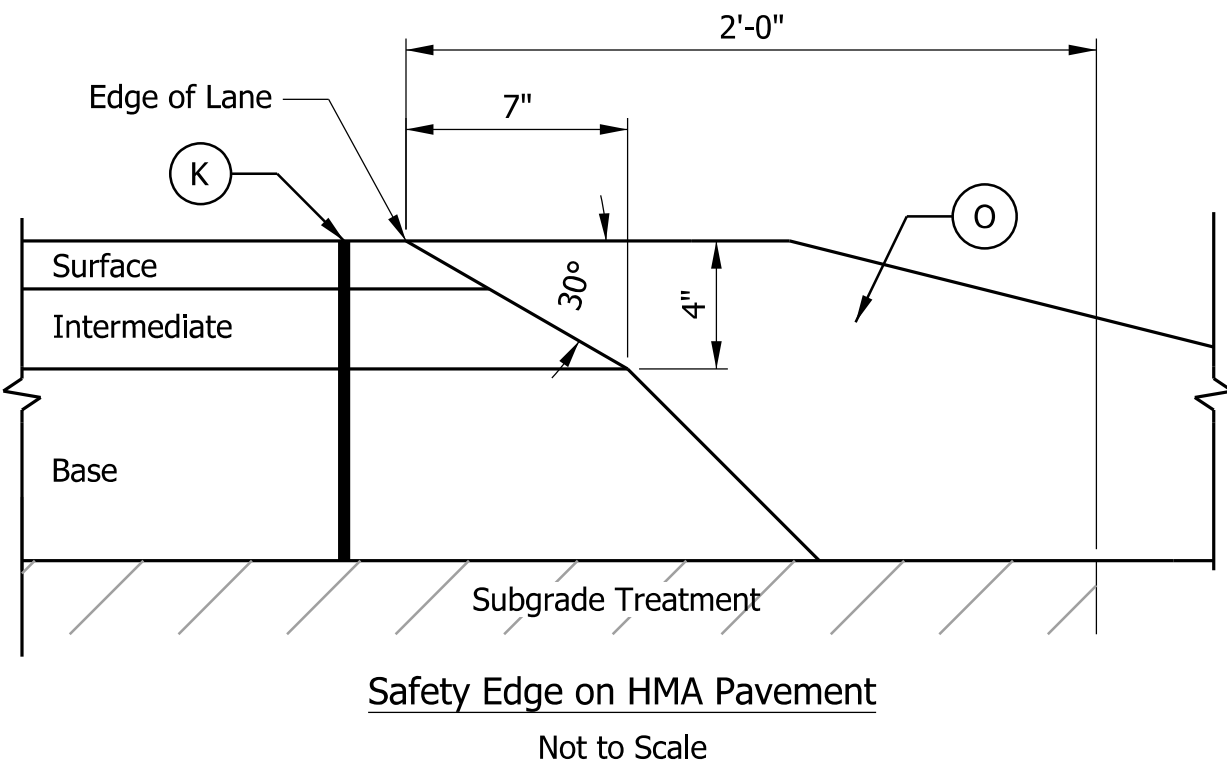
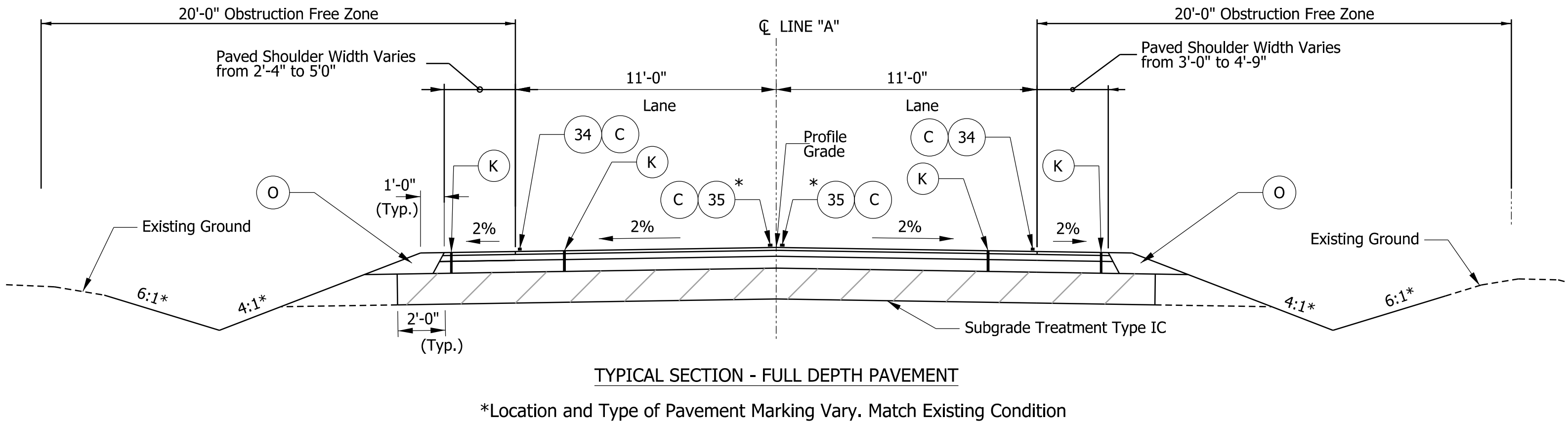
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*Note: The table below has the slopes used where it is not matching with Typical Section.

Sta. Begin	Sta. End	Foreslope	Backslope	Lt./Rt.
181+15.00	181+50.00	6:1	6:1 to 5:1	Rt.
181+50.00	182+50.00	6:1	5:1 to 6:1	Rt.
183+15.00	183+35.00	3:1 to 4:1	6:1	Lt.
181+15.00	183+50.00	5:1 to 4.5:1	6:1	Rt.
182+50.00	183+00.00	6:1 to 5:1	6:1	Rt.
239+58.23	240+00.00	-	3.3:1 to 3:1	Rt.
240+00.00	240+50.00	5:1 to 4:1	3:1	Lt.
240+00.00	242+00.00	4:1	3:1	Rt.
245+50.00	242+00.00	4:1	3:1	Lt.
242+50.00	242+50.00	-	3:1	Lt.
243+00.00	243+00.00	-	3:1	Lt.
243+00.00	243+00.00	13:1	-	Rt.
259+72.80	260+50.00	4:1	4:1	Lt.
298+18.00	298+28.00	6:1	-	Rt.
306+00.00	307+62.00	4:1 to 9:1	6:1	Lt.
307+82.00	310+00.00	3.7:1	6:1	Lt.
314+50.00	314+50.00	5:1 to 3:1	6:1	Rt.

- TYPICAL SECTIONS LEGEND**
- R** HMA Milling and Overlay
165 lbs/syd QC/QA-HMA, 3, 58S, Surface, 9.5 mm on 1.5 in. Milling, Asphalt
 - K** Full Depth HMA Pavement
165 lbs/syd QC/QA-HMA, 3, 58H, Surface 9.5 mm, on 275 lbs/syd QC/QA-HMA, 3, 58H, Intermediate 19.0 mm, on 880 lbs/syd QC/QA-HMA, 3, 58S, Base 25.00 mm, on Subgrade Treatment, Type IC, on Geotextile for Pavement, Type 2B
 - O** Compacted Aggregate No. 53
 - 34** Line, Multi-Component, Solid, White, 6 in.
 - 35** Line, Multi-Component, Solid, Yellow, 6 in.
 - C** Milled Corrugations

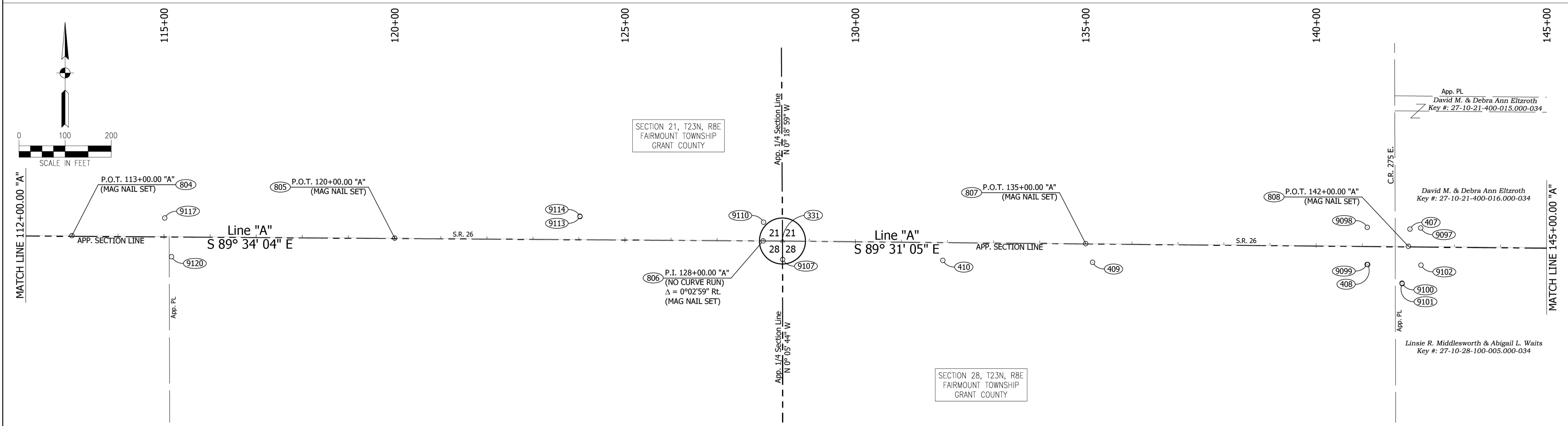
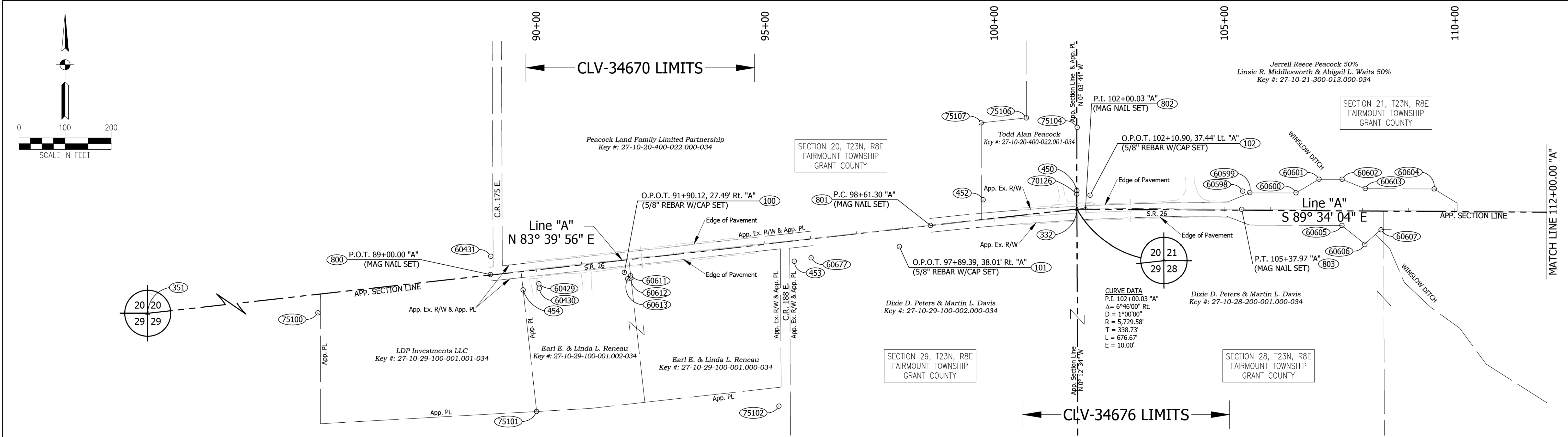


STAGE 2

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MLB	Dec 2024	DRAWN: MLB
CHECKED: KMS	Dec 2024	CHECKED: KMS

INDIANA DEPARTMENT OF TRANSPORTATION
TYPICAL CROSS SECTIONS

SCALE 1/4" = 1'-0"	BRIDGE FILE N/A
	DESIGNATION 2200521
SURVEY BOOK ELECTRONIC	SHEETS 3 of 61
CONTRACT R-44578	PROJECT 2200521



CERTIFIED ENGINEERING JOB NO. 24102

SURVEY STARTED		
JANUARY 2024		
SURVEY COMPLETED		
APRIL 2024		
LCRS SHEETS		
1	of	9



3939 MILLERSVILLE ROAD
INDIANAPOLIS, INDIANA 46205
PHONE: 317-546-1599
FAX: 317-546-2599
E-MAIL: CERTIFIED@CERTIFIEDENGINEERING.COM

FIELD SURVEYOR STATEMENT

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

JASON R. HESLER
REGISTERED LAND SURVEYOR
No. 21100012
STATE OF INDIANA
LAND SURVEYOR

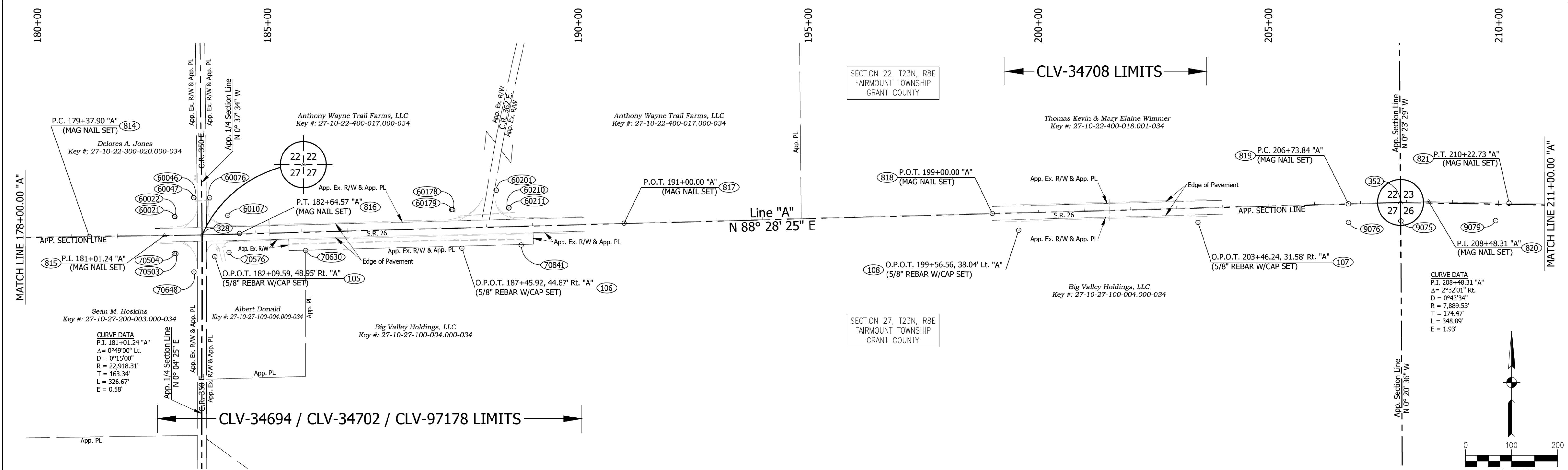
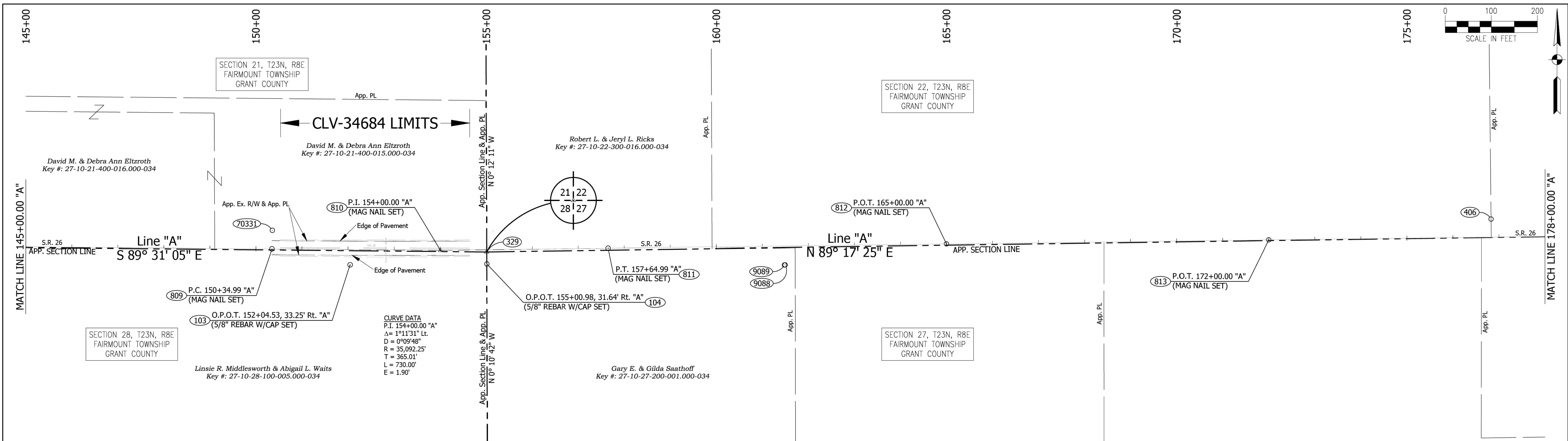
PREPARED BY:
JASON R. HESLER
05-21-2024
DATE

RECOMMENDED FOR APPROVAL
05-21-2024
DATE

INDIANA
DEPARTMENT OF TRANSPORTATION

SR 26 SMALL STRUCTURE REPLACEMENTS
GRANT COUNTY, INDIANA
LOCATION CONTROL ROUTE SURVEY

HORIZONTAL SCALE	BRIDGE FILE
AS SHOWN	DESIGNATION
VERTICAL SCALE	2200521
N/A	
SURVEY BOOK	SHEETS
	4 of 61
CONTRACT	PROJECT
R-44578	2200521



CERTIFIED ENGINEERING JOB NO. 24102

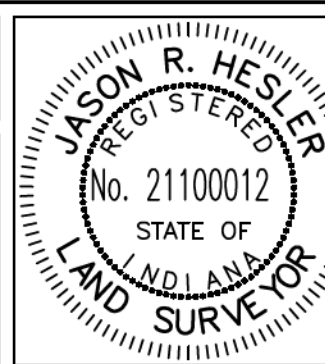
SURVEY STARTED	JANUARY 2024
SURVEY COMPLETED	APRIL 2024
LCSRS SHEETS	2 of 9



3939 MILLERSVILLE ROAD
INDIANAPOLIS, INDIANA 46205
PHONE: 317-546-1599
FAX: 317-546-2599
E-MAIL: CERTIFIED@CERTIFIEDENGINEERING.COM

FIELD SURVEYOR STATEMENT

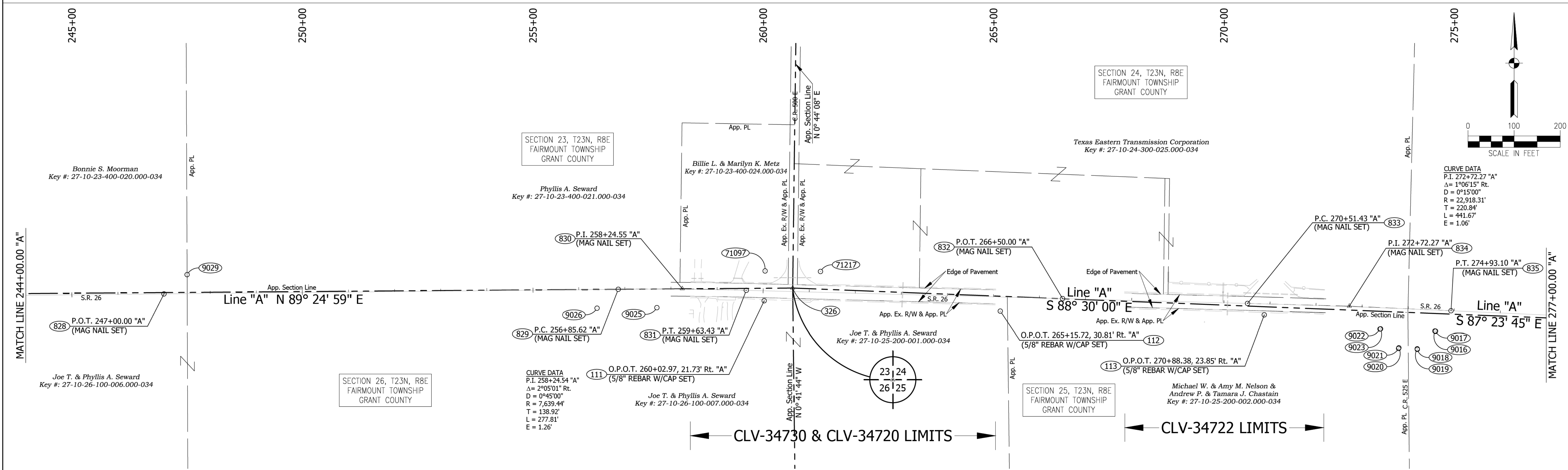
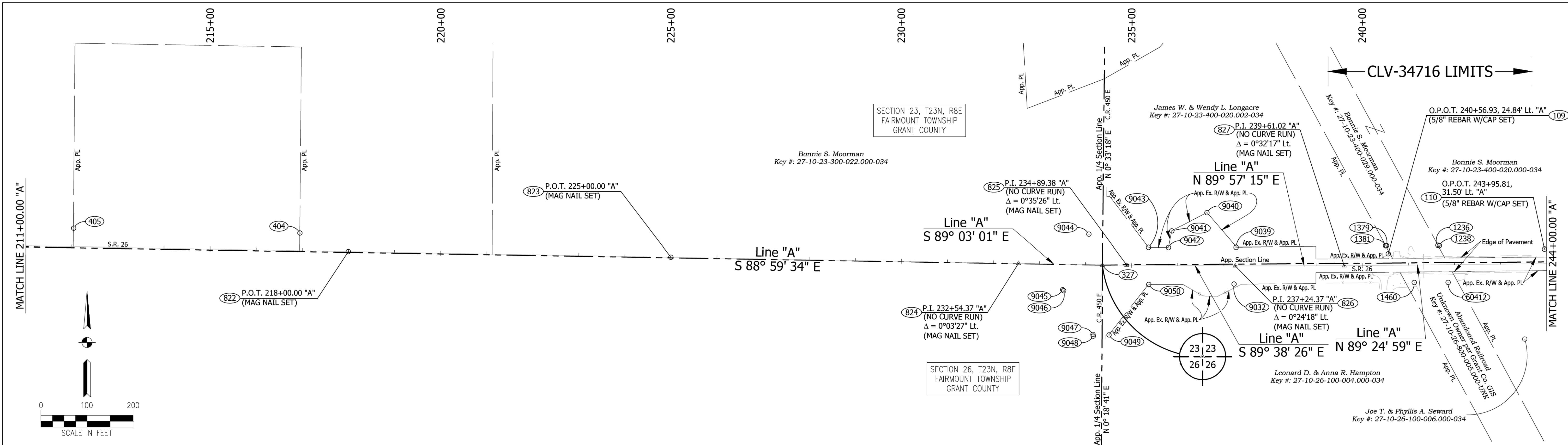
THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXCUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 THROUGH 865 1-12-25 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS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



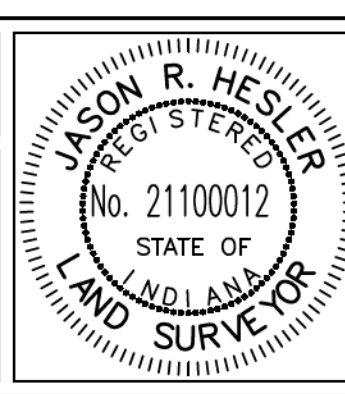
PREPARED BY:	JASON R. HESLER	05-21-2024
RECOMMENDED FOR APPROVAL:		05-21-2024
REGISTERED LAND SURVEYOR, FIELD		DATE

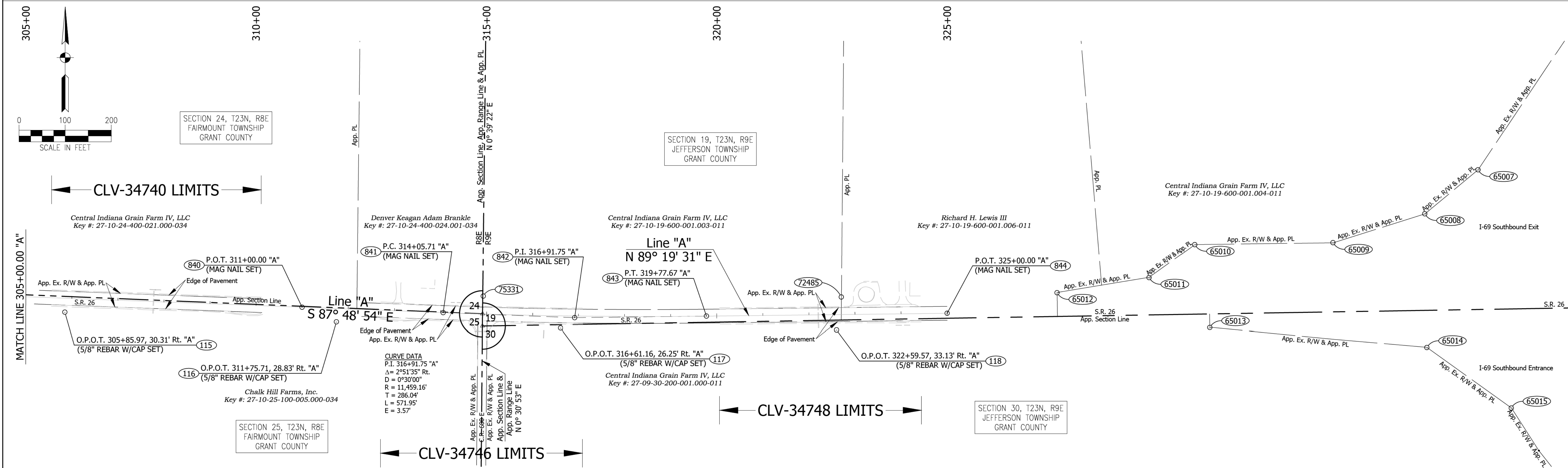
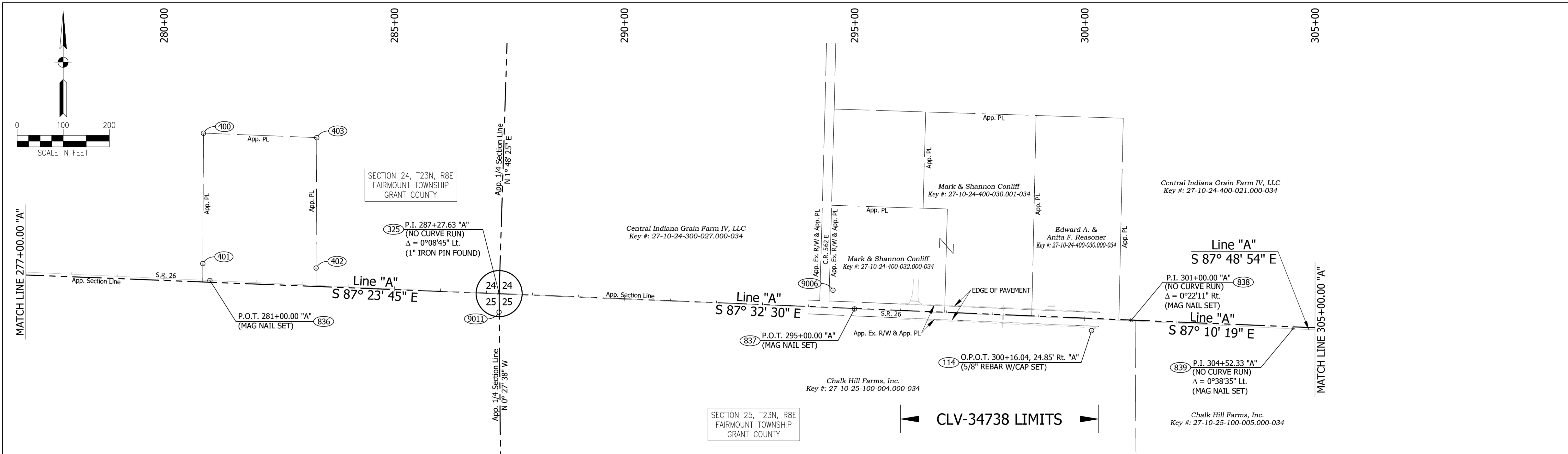
INDIANA
DEPARTMENT OF TRANSPORTATION
SR 26 SMALL STRUCTURE REPLACEMENTS
GRANT COUNTY, INDIANA
LOCATION CONTROL ROUTE SURVEY

HORIZONTAL SCALE	AS SHOWN	BRIDGE FILE	DESIGNATION
VERTICAL SCALE	N/A	2200521	
SURVEY BOOK	5 of 61	SHEETS	
CONTRACT	R-44578	PROJECT	2200521

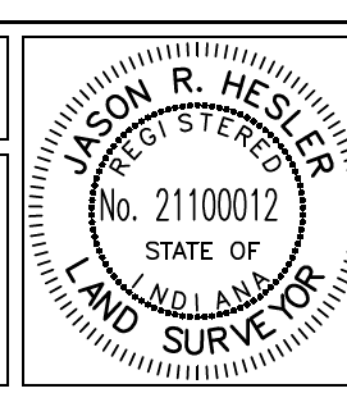
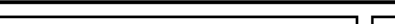


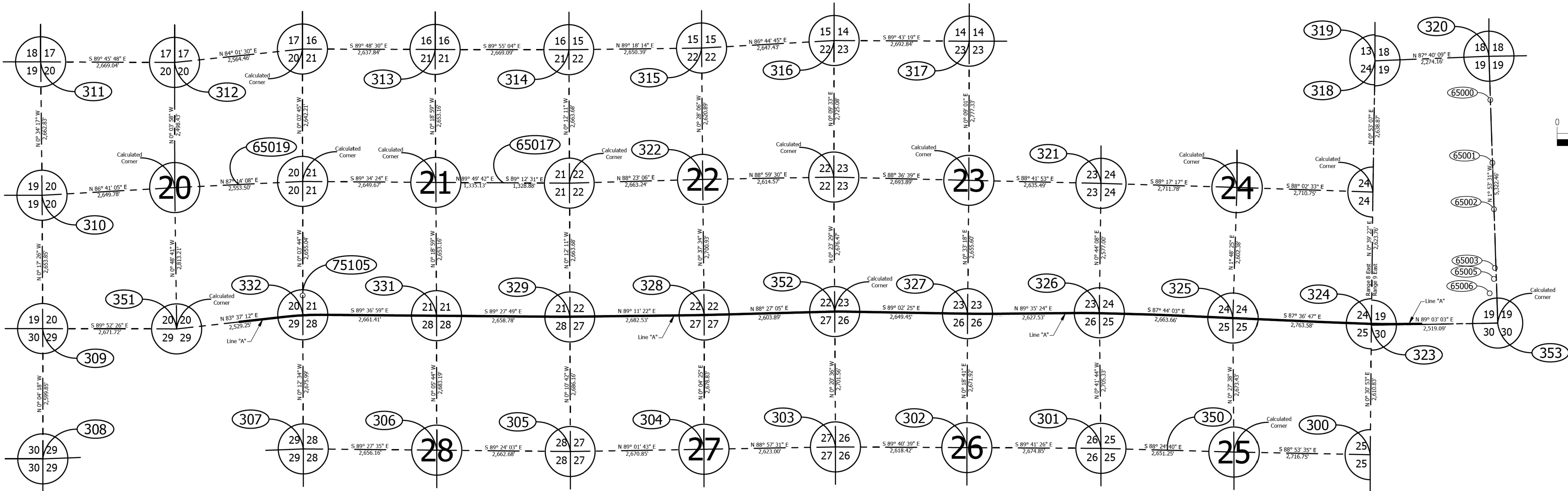
CERTIFIED ENGINEERING JOB NO. 24102

SURVEY STARTED JANUARY 2024				3939 MILLERSVILLE ROAD INDIANAPOLIS, INDIANA 46205 PHONE: 317-546-1599 FAX: 317-546-2599 E-MAIL: CERTIFIED@CERTIFIEDENGINEERING.COM		FIELD SURVEYOR STATEMENT				PREPARED BY: JASON R. HESLER 05-21-2024 DATE		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE AS SHOWN		BRIDGE FILE	
SURVEY COMPLETED APRIL 2024						THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXCUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 THROUGH 865 1-12-25 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.		RECOMMENDED FOR APPROVAL		REGISTERED LAND SURVEYOR, FIELD		SR 26 SMALL STRUCTURE REPLACEMENTS GRANT COUNTY, INDIANA LOCATION CONTROL ROUTE SURVEY		VERTICAL SCALE N/A		DESIGNATION 2200521	
LCRS SHEETS 3 of 9														SURVEY BOOK		SHEETS 6 of 61	
												CONTRACT R-44578		PROJECT 2200521			



CERTIFIED ENGINEERING JOB NO. 23130

SURVEY STARTED				3939 MILLERSVILLE ROAD INDIANAPOLIS, INDIANA 46205 PHONE: 317-546-1599 FAX: 317-546-2599 E-MAIL: CERTIFIED@CERTIFIEDENGINEERING.COM			FIELD SURVEYOR STATEMENT				PREPARED BY:  JASON R. HESLER 05-21-2024 DATE			INDIANA DEPARTMENT OF TRANSPORTATION			HORIZONTAL SCALE AS SHOWN		BRIDGE FILE	
JANUARY 2024							DESIGNATION													
SURVEY COMPLETED							2200521													
APRIL 2024																				
LCRS SHEETS																				
4 of 9					THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXCUTED ACCORDING TO THE PROVISIONS OF 865 I.A.C. 1-12-20 THROUGH 865 1-12-25 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.			RECOMMENDED FOR APPROVAL  REGISTERED LAND SURVEYOR, FIELD 05-21-2024 DATE			SR 26 SMALL STRUCTURE REPLACEMENTS GRANT COUNTY, INDIANA LOCATION CONTROL ROUTE SURVEY			SURVEY BOOK		SHEETS 7 of 61				
														CONTRACT		PROJECT				
														R-44578			2200521			



SURVEYOR'S REPORT

This Location Control Route Survey (LCRS) was performed for a small structures replacement project for the Indiana Department of Transportation along SR 26. The survey is located in Sections 20-29, Township 23 North, Range 8 East, Fairmount Township, and Sections 19 & 30, Township 23 North, Range 9 East, Jefferson Township, all in Grant County, Indiana. The locations of the small structures are as follows:

CLV-34670:
CLV-34670 is located approximately 310 feet east along SR 26 from Grant C.R. 175 E. The survey is located in Sections 20 & 29, T23N, R8E. The survey covers the area along SR 26 250 feet east and west from CLV-34670.

CLV-34676:
CLV-34676 is located approximately 760 feet east along SR 26 from Grant C.R. 188 E. The survey is located in Sections 20, 21, 28 & 29, T23N, R8E. The survey covers the area along SR 26 200 feet east and west from CLV-34676.

CLV-34684:
CLV-34684 is located approximately 1,110 feet east along SR 26 from Grant C.R. 275 E. The survey is located in Section 21 & 28, T23N, R8E. The survey covers the area along SR 26 200 feet west of CLV-34684 to 200 feet east of CLV-34684.

CLV-34694, CLV-34702, CLV-97178:
CLV-34694 is located approximately 150 feet east along SR 26 from Grant C.R. 350 E. CLV-34702 is located approximately 30 feet north of SR 26 and runs under Grant C.R. 362 E. CLV-97178 is located approximately 25 feet south of SR 26 running parallel to SR 26 beginning approximately 195 feet east of Grant C.R. 350 E and ending approximately 690 feet east of Grant C.R. 350 E. The survey is located in Sections 22 & 27, T23N, R8E. The survey covers the area along SR 26 from 80 feet west of Grant C.R. 350 E to 820 feet east of Grant C.R. 350 E.

CLV-34708:
CLV-34708 is located approximately 1,970 feet east along SR 26 from Grant C.R. 350 E. The survey is located in Sections 22 & 27, T23N, R8E. The survey covers the area along SR 26 220 feet east and west of CLV-34708.

CLV-34716:
CLV-34716 is located approximately 700 feet east along SR 26 from Grant C.R. 450 E. The survey is located in Sections 23 & 26, T23N, R8E. The survey covers the area along SR 26 200 feet east and west of CLV-34716.

CLV-34730 & CLV-34720:
CLV-34730 is located approximately 30 feet north of SR 26 and runs under Grant C.R. 500 E. CLV-34720 is located approximately 240 feet east along SR 26 from Grant C.R. 500 E. The survey is located in Sections 23, 24, 25 & 26, T23N, R8E. The survey covers the area along SR 26 from 220 feet west of Grant C.R. 500 E. to 440 feet east of Grant C.R. 500 E.

CLV-34722:
CLV-34722 is located approximately 940 feet east along SR 26 from Grant C.R. 500 E. The survey is located in Sections 24 & 25, T23N, R8E. The survey covers the area along SR 26 from 200 feet east and west of CLV-34722.

CLV-34738:
CLV-34738 is located approximately 390 feet east along SR 26 from Grant C.R. 562 E. The survey is located in Sections 24 & 25, T23N, R8E. The survey covers the area along SR 26 200 feet east and west of CLV-34738.

CLV-34740:
CLV-34740 is located approximately 700 feet west along SR 26 from Grant C.R. 600 E. The survey is located in Sections 24 & 25, T23N, R8E. The survey covers the area along SR 26 200 feet east and west of CLV-34740.

CLV-34746:
CLV-34746 is located approximately 35 feet south of SR 26 and runs under Grant C.R. 600 E. The survey is located in Sections 24 & 25, T23N, R8E and in Sections 19 & 30, T23N, R9E. The survey covers the area along SR 26 200 feet east and west of Grant C.R. 600 E.

CLV-34748:
CLV-34748 is located approximately 730 feet east along SR 26 from Grant C.R. 600 E. The survey is located in Sections 19 & 30, T23N, R9E. The survey covers the area along SR 26 200 feet east and west of C.R. 600 E.

The purpose of this LCRS is to collect topographic data for the design of the above referenced project and to tie the survey line to the United States Public Land Survey System. This LCRS is not intended to represent a Retracement Survey or an Original Survey.

Field measurements for this survey were made in accordance with the specifications outlined in Indiana Administrative Code 865 IAC 1-12-20 through 1-12-25. The decimal precision shown on this LCRS for measurements and coordinates is for consistency in the mathematical calculations, and not to indicate the precision of the field work performed. All measurements are in U.S. Survey Feet unless otherwise noted. All distances shown on this LCRS plat represent ground measurements. The relative positional accuracy of the location of the points established by this survey is within the specifications for an urban survey (0.07 feet plus 50 ppm) not to exceed five tenths (0.5) feet as defined by 865 IAC 1-12-22.

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

INGCS "Grant" Zone Parameters

Geometric Datum: NAD 83(2011) epoch 2010.00
Projection Type: Traverse Mercator
Central Meridian: 85°42'00" West Longitude
Central Meridian Scale Factor: 1.000034
Latitude of Grid Origin: 40°21'00" 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.)

USPLS CORNERS

The United States Public Land Survey (USPLS) System Corners reported on this LCRS plat were found using the information obtained from the Grant County Surveyor's Office and County Recorder's Office. Since the purpose of this survey is to establish a survey centerline for the project and not for the purpose of an original survey or a retracement survey, no conflicting evidence was found as to the location of the United States Public Land Survey corners. Should additional USPLS corners be needed where none were found, they should be established and tied into this LCRS.

In accordance with Indiana Administrative Code 865 IAC 1-12-23 the following observations and opinions are submitted regarding the various uncertainties in the location of the lines and corners found or established in this survey as a result of uncertainties in availability and condition of referenced monument and occupation or possession lines.

The monuments for points 300, 301, 303, 306-326, 331,332,335 and 350 were found using the section corner reference ties from the Grant County Surveyor's Offices and the uncertainty of these points are +/- 5 feet. The cause of this uncertainty is the absence of the original Monument type and the probability that the new monuments weren't set at the exact location of the original monuments.

CONTROL POINTS

Control Points 100-118 on this survey are 5/8" rebar w/cap stamped "CERTIFIED CONTROL POINT" set flush, unless otherwise noted. The estimated uncertainty of these control points to the section corners found on this survey is 0.1 feet +/-.

SURVEY LINES

A search was made for past projects (R/W plans, R/W grants and other documents) in the area of this survey and the following were found in the INDOT Records Department:

Project No. 567, SR 26 (dated 1935) - Road Plans
I-Project No. 69-2, I-69 (dated 1961) - Road Plans
Project No. ST-3227, SR 26 (dated 1991) - R/W Plans - L.A. Code 2620
Project No. MANH/69-2 (101)55, I-69 (dated 1992) - Construction Plans
Project No. 0013490 SR 26 (dated 2009) - Bridge Plans & R/W Plans - L.A. Code 5222
Project No. 10296534, SR 26 (dated 2016) - R/W Plans - L.A. Code 5771
Project No. 1600852, SR 26 (dated 2020) - R/W Plans - L.A. Code 7000
Project No. 1700031, SR 26 (dated 2021) - R/W Plans - L.A. Code 6973

For this Survey, Line "A" corresponds to the line established for SR 26 using the above-referenced plans. A best fit of the curve geometry at P.I. Station 102+00 from the Project No. 567 Plans and maintaining curve length and stations for the P.C. & P.T. and then extending east and west to the ends of the alignment. Subsequent tangents and curves defined by applying curve geometry from above-referenced plans and topographic features to obtain a best fit of the alignment. Stationing was held for P.C. Station 98+61.30 & P.T. Station 105+37.97 as shown on the Project No. 567 Plans.

RIGHT-OF-WAY

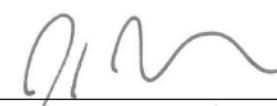
INDOT Records Department provided Warranty Deeds for right-of-way acquired for Project No. ST-3227 L.A. Code 2620, Project No. 10296534 L.A. Code 5771, Project No. 1600852, Project No. 1600852 L.A. Code 7000 and Project No. 1700031 L.A. Code 6973 along SR 26. All of the instruments provided by INDOT Records Department were recorded in a timely manner and are considered valid. Where no instruments established right-of-way, the existing right-of-way is set at the averaged edge of Traveled Way.

The existing R/W lines, property lines, and ownership information shown on this plat are preliminary and subject to change based on the verification / validation of title. This information is shown only to help orient the user of this plat in relating it to the project centerline and is not intended to establish existing R/W lines and property lines. The sources used to plot the existing R/W lines and property lines are last deeds of record obtained from the Grant County Recorder's Office as well as other sources cited on this plat. The designer / consultant responsible for Right-of-Way Engineering will complete the final determination of this information.

EASEMENTS

The locations of easements shown are based on the last deeds of record available at the Grant County Recorder's Office. These records were found during the initial research and do not represent all possible easements that could be recovered by a proper title search.

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.


JASON R. HESLER

CERTIFIED ENGINEERING JOB NO. 24102

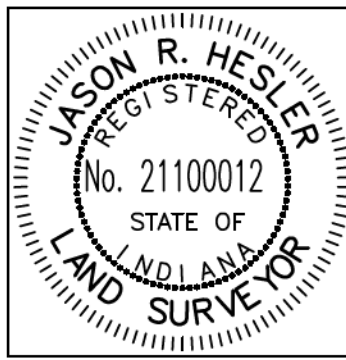
SURVEY STARTED		
JANUARY 2024		
SURVEY COMPLETED		
APRIL 2024		
LCRS SHEETS		
5	of	9



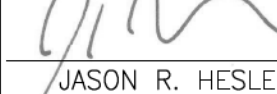
3939 MILLERSVILLE ROAD
INDIANAPOLIS, INDIANA 46205
PHONE: 317-546-1599
FAX: 317-546-2599
E-MAIL: CERTIFIED@CERTIFIEDENGINEERING.COM

FIELD SURVEYOR STATEMENT

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



PREPARED BY:


JASON R. HESLER
05-21-2024
DATE

RECOMMENDED FOR APPROVAL


REGISTERED LAND SURVEYOR, FIELD
05-21-2024
DATE

INDIANA
DEPARTMENT OF TRANSPORTATION

SR 26 SMALL STRUCTURE REPLACEMENTS
GRANT COUNTY, INDIANA
LOCATION CONTROL ROUTE SURVEY

HORIZONTAL SCALE	BRIDGE FILE
AS SHOWN	
VERTICAL SCALE	DESIGNATION
N/A	2200521
SURVEY BOOK	SHEETS
	8 of 61
CONTRACT	PROJECT
R-44578	2200521

SURVEY LINE COORDINATE INFORMATION

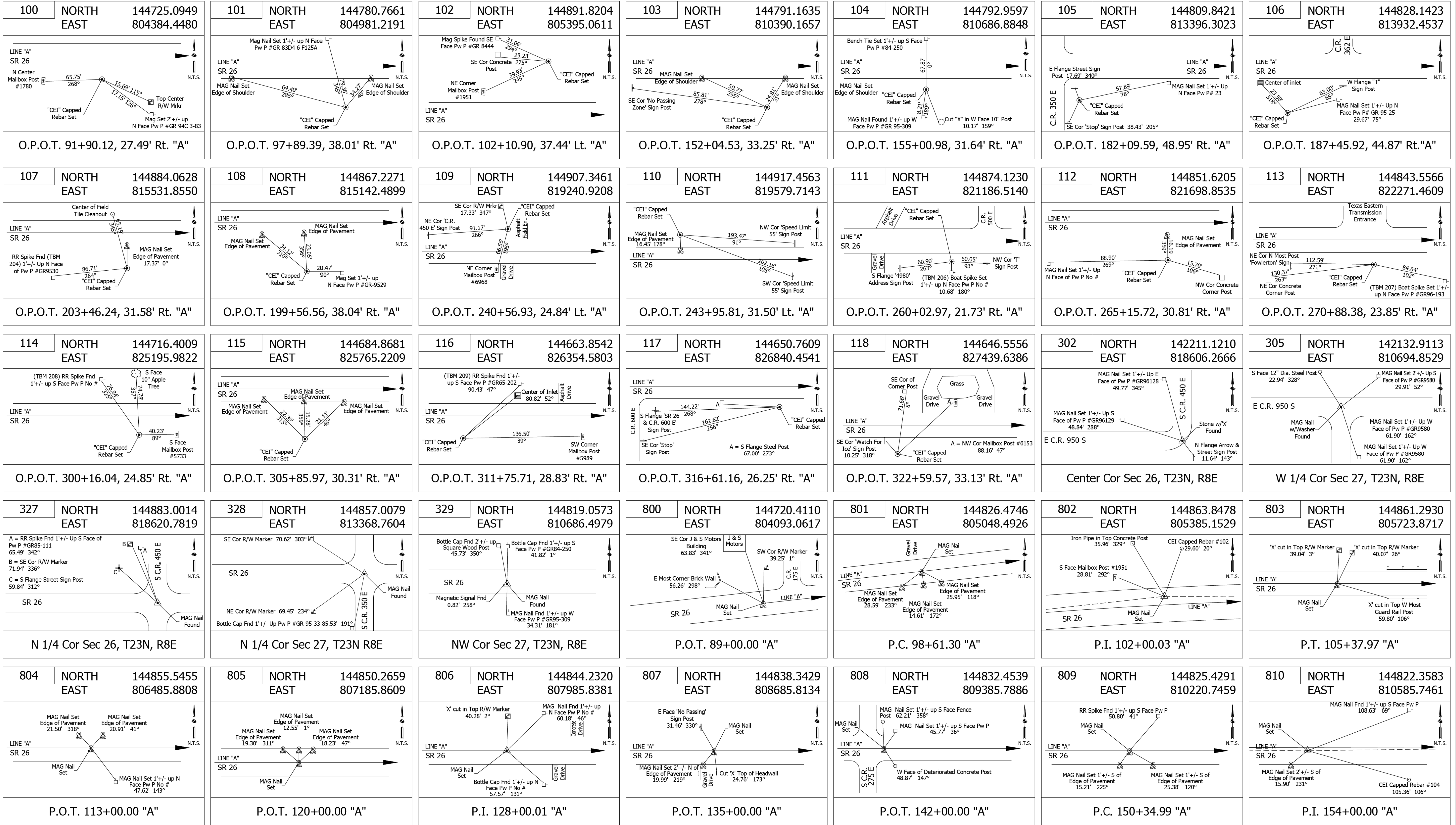
Point No.	Grant INCGS Northing	Grant INCGS Easting	Northing "Indiana East" Zone	Easting "Indiana East" Zone	Latitude	Longitude	Station	Offset	Description
800	144720.411	804093.0617	1884801.2775	335494.6959	40° 25' 22.906666" N	85° 38' 24.169350" W	89+00.00 "A"	0.00'	P.O.T. 89+00.00 "A" MAG Nail Set
801	144826.4746	805048.4926	1884906.9735	336450.1022	40° 25' 23.932121" N	85° 38' 11.815261" W	98+61.30 "A"	0.00'	P.C. 98+61.30 "A" MAG Nail Set
802	144863.8478	805385.1529	1884944.2172	336786.7538	40° 25' 24.299006" N	85° 38' 07.462088" W	101+99.63 "A"	10.00' Lt.	P.I. 102+00.03 "A" MAG Nail Set
803	144861.293	805723.8717	1884941.5348	337125.4487	40° 25' 24.271292" N	85° 38' 03.082672" W	105+37.97 "A"	0.00'	P.T. 105+37.97 "A" MAG Nail Set
804	144855.5455	806485.8808	1884935.5002	337887.4040	40° 25' 24.208775" N	85° 37' 53.230388" W	113+00.00 "A"	0.00'	P.O.T. 113+00.00 "A" MAG Nail Set
805	144850.2659	807185.8609	1884929.9569	338587.3347	40° 25' 24.151141" N	85° 37' 44.180104" W	120+00.00 "A"	0.00'	P.O.T. 120+00.00 "A" MAG Nail Set
806	144844.232	807985.8381	1884923.6217	339387.2555	40° 25' 24.085033" N	85° 37' 33.836928" W	128+00.00 "A"	0.00'	P.I. 128+00.01 "A" MAG Nail Set
807	144838.3478	808685.8134	1884917.4689	340087.1811	40° 25' 24.020956" N	85° 37' 24.786724" W	135+00.00 "A"	0.00'	P.O.T. 135+00.00 "A" MAG Nail Set
808	144832.4539	809385.7886	1884911.3163	340787.1067	40° 25' 23.956882" N	85° 37' 15.736524" W	142+00.00 "A"	0.00'	P.O.T. 142+00.00 "A" MAG Nail Set
809	144825.4291	810220.7459	1884903.9770	341622.0047	40° 25' 23.879756" N	85° 37' 04.911106" W	150+34.99 "A"	0.00'	P.C. 150+34.99 "A" MAG Nail Set
810	144822.3583	810585.7461	1884900.7687	341986.9790	40° 25' 23.846040" N	85° 37' 00.221908" W	153+99.99 "A"	1.90' Rt.	P.I. 154+00.00 "A" MAG Nail Set
811	144826.8804	810950.7313	1884905.1528	342351.9412	40° 25' 23.887299" N	85° 36' 55.502814" W	157+64.99 "A"	0.00'	P.T. 157+64.99 "A" MAG Nail Set
812	144835.9865	811685.688	1884913.9811	343086.8515	40° 25' 23.970218" N	85° 36' 46.000146" W	165+00.00 "A"	0.00'	P.O.T. 165+00.00 "A" MAG Nail Set
813	144844.6587	812385.6343	1884922.3887	343786.7536	40° 25' 24.048985" N	85° 36' 36.950144" W	172+00.00 "A"	0.00'	P.O.T. 172+00.00 "A" MAG Nail Set
814	144853.8005	813123.4733	1884931.2515	344524.5460	40° 25' 24.131803" N	85° 36' 27.410199" W	179+37.90 "A"	0.00'	P.C. 179+37.90 "A" MAG Nail Set
815	144855.824	813286.7985	1884933.2133	344687.8608	40° 25' 24.150106" N	85° 36' 25.298472" W	181+01.23 "A"	0.58' Rt.	P.I. 181+01.24 "A" MAG Nail Set
816	144860.1753	813450.0783	1884937.5027	344851.1312	40° 25' 24.191399" N	85° 36' 23.187300" W	182+64.57 "A"	0.00'	P.T. 182+64.57 "A" MAG Nail Set
817	144882.4311	814285.2162	1884959.4419	345686.2208	40° 25' 24.402433" N	85° 36' 12.389143" W	191+00.00 "A"	0.00'	P.O.T. 191+00.00 "A" MAG Nail Set
818	144903.7429	815084.9323	1884980.4506	346485.8907	40° 25' 24.604261" N	85° 36' 02.048964" W	199+00.00 "A"	0.00'	P.O.T. 199+00.00 "A" MAG Nail Set
819	144924.3577	815858.4942	1885000.7722	347259.4078	40° 25' 24.799240" N	85° 35' 52.046938" W	206+73.84 "A"	0.00'	P.C. 206+73.84 "A" MAG Nail Set
820	144929.0057	816032.9057	1885005.3541	347433.8092	40° 25' 24.843168" N	85° 35' 49.791824" W	208+48.28 "A"	1.93' Lt.	P.I. 208+48.31 "A" MAG Nail Set
821	144925.9388	816207.3522	1885002.2216	347608.2427	40° 25' 24.810850" N	85° 35' 47.536374" W	210+22.73 "A"	0.00'	P.T. 210+22.73 "A" MAG Nail Set
822	144912.2758	816984.5055	1884988.2664	348385.3381	40° 25' 24.666730" N	85° 35' 37.488427" W	218+00.00 "A"	0.00'	P.O.T. 218+00.00 "A" MAG Nail Set
823	144899.9712	817684.3974	1884975.6986	349085.1778	40° 25' 24.536730" N	85° 35' 28.439417" W	225+00.00 "A"	0.00'	P.O.T. 225+00.00 "A" MAG Nail Set
824	144886.7109	818438.6445	1884962.1547	349839.3687	40° 25' 24.396414" N	85° 35' 18.687650" W	232+54.36 "A"	0.00'	P.I. 232+54.37 "A" MAG Nail Set
825	144882.8152	818673.6269	1884958.1706	350074.3336	40° 25' 24.354978" N	85° 35' 15.649529" W	234+89.38 "A"	0.00'	P.I. 234+89.38 "A" MAG Nail Set
826	144881.3414	818908.6081	1884956.6083	350309.2983	40° 25' 24.337453" N	85° 35' 12.611383" W	237+24.36 "A"	0.00'	P.I. 237+24.37 "A" MAG Nail Set
827	144881.5303	819145.2585	1884956.7079	350545.9327	40° 25' 24.336313" N	85° 35' 09.551630" W	239+61.01 "A"	0.00'	P.I. 239+61.02 "A" MAG Nail Set
828	144889.0583	819884.2055	1884963.9567	351284.8323	40° 25' 24.401169" N	85° 34' 59.997349" W	247+00.00 "A"	0.00'	P.O.T. 247+00.00 "A" MAG Nail Set
829	144899.0989	820869.774	1884973.6248	352270.3375	40° 25' 24.487329" N	85° 34' 47.254349" W	256+85.62 "A"	0.00'	P.C. 256+85.62 "A" MAG Nail Set
830	144900.5141	821008.6894	1884974.9875	352409.2440	40° 25' 24.499441" N	85° 34' 45.458228" W	258+24.53 "A"	1.26' Lt.	P.I. 258+24.55 "A" MAG Nail Set
831	144896.8777	821147.5644	1884971.2990	352548.1082	40° 25' 24.461361" N	85° 34' 43.662719" W	259+63.43 "A"	0.00'	P.T. 259+63.43 "A" MAG Nail Set
832	144878.7064	821833.8949	1884953.0700	353234.3852	40° 25' 24.274654" N	85° 34' 34.789191" W	266+50.00 "A"	0.00'	P.O.T. 266+50.00 "A" MAG Nail Set
833	144868.3988	822235.1856	1884942.4117	353635.6447	40° 25' 24.165244" N	85° 34' 29.600934" W	270+51.43 "A"	0.00'	P.C. 270+51.43 "A" MAG Nail Set
834	144862.6181	822455.951	1884936.5482	353856.3929	40° 25' 24.105025" N	85° 34' 26.746675" W	272+72.26 "A"	1.06' Lt.	P.I. 272+72.27 "A" MAG Nail Set
835	144852.5843	822676.5641	1884926.4318	354076.9872	40° 25' 24.002762" N	85° 34' 23.894467" W	274+93.10 "A"	0.00'	P.T. 274+93.10 "A" MAG Nail Set
836	144825.0100	823282.8406	1884898.6307	354683.2120	40° 25' 23.721630" N	85° 34' 16.056202" W	281+00.00 "A"	0.00'	P.O.T. 281+00.00 "A" MAG Nail Set
835	144796.4940	823909.8226	1884869.8801	355310.1406	40° 25' 23.430741" N	85° 34' 07.950265" W	287+27.63 "A"	0.00'	P.I. 287+27.63 "A" 1in Iron Pin Found Flush at S 1/4 Sec 24, T23N, R8E
837	144763.3656	824681.4817	1884836.4629	356081.7346	40° 25' 23.091956" N	85° 33' 57.973859" W	295+00.00 "A"	0.00'	P.O.T. 295+00.00 "A" MAG Nail Set
838	144737.6306	825280.9270	1884810.5035	356681.1294	40° 25' 22.828614" N	85° 33' 50.223940" W	301+00.00 "A"	0.00'	P.I. 301+00.00 "A" MAG Nail Set
839	144720.2469	825632.8254	1884792.9883	357032.9973	40° 25' 22.651463" N	85° 33' 45.674481" W	304+52.33 "A"	0.00'	P.I. 304+52.33 "A" MAG Nail Set
840	144695.5535	826280.0295	1884768.0524	357680.1480	40° 25' 22.397439" N	85° 33' 37.307082" W	311+00.00 "A"	0.00'	P.O.T. 311+00.00 "A" MAG Nail Set
841	144683.8977	826585.5208	1884756.2822	357985.6141	40° 25' 22.277476" N	85° 33' 33.357533" W	314+05.71 "A"	0.00'	P.C. 314+05.71 "A" MAG Nail Set
842	144672.9922	826871.3497	1884745.2696	358271.4194	40° 25' 22.165201" N	85° 33' 29.662195" W	316+91.69 "A"	3.57' Rt.	P.I. 316+91.75 "A" MAG Nail Set
843	144676.3607	827157.3667	1884748.5300	358557.4182	40° 25' 22.193936" N	85° 33' 25.964130" W	319+77.67 "A"	0.00'	P.T. 319+77.67 "A" MAG Nail Set
844	144682.5120	827679.6604	1884754.4839	359079.6786	40° 25' 22.246324" N	85° 33' 19.211114" W	325+00.00 "A"	0.00'	P.O.T. 325+00.00 "A" MAG Nail Set

SECTION CORNER COORDINATE INFORMATION

Point No.	Grant INCGS Northing	Grant INCGS Easting	Northing "Indiana East" Zone	Easting "Indiana East" Zone	Latitude	Longitude	Station	Offset	Description
300	142070.6735	826647.5556	1882143.2126	358046.6590	40° 24' 56.454557" N	85° 33' 32.609356" W	315+37.36 "A"	2,609.89' Rt.	MAG Nail Found 0.1' Below Grade at E 1/4 Cor Sec 25, T23N, R8E
301	142196.6696	821281.0802	1882271.2242	352680.5964	40° 24' 57.778346" N	85° 34' 41.984507" W	261+67.58 "A"	2,695.79' Rt.	Stone Found at W 1/4 Cor Sec 25, T23N, R8E
302	142211.1210	818606.2666	1882286.6834	350005.9702	40° 24' 57.956097" N	85° 35' 16.564265" W	234+66.32 "A"	2,672.44' Rt.	Stone Found 0.8' Below Grade at Center Cor Sec 26, T23N, R8E
303	142225.8588	815987.8929	1882302.4078	347387.7799	40° 24' 58.133158" N	85° 35' 50.414419" W	207+61.21 "A"	2,700.67' Rt.	MAG Nail Found Flush at W 1/4 Cor Sec 26, T23N, R8E
304	142178.1844	813365.3236	1882255.7257	344765.3706	40° 24' 57.690798" N	85° 36' 24.319720" W	181+24.74 "A"	2,679.26' Rt.	3/4" Square Head Bolt Found 0.2' Below Grade at Center Cor Sec 27, T23N, R8E
305	142132.9113	810694.8529	1882211.4629	342095.0640	40° 24' 57.269851" N	85° 36' 58.844142" W	154+96.35 "A"	2,691.70' Rt.	MAG Nail Found Flush at W 1/4 Cor Sec 27, T23N, R8E
306	142160.7605	808032.3166	1882240.3144	339432.7186	40° 24' 57.568518" N	85° 37' 33.265080" W	128+69.05 "A"	2,682.99' Rt.	3/4" Square Head Bolt Found 0.1' Below Grade at Center Cor Sec 28, T23N, R8E
307	142185.8027	805376.2719	1882266.3567	336776.8632	40° 24' 57.836555" N	85° 38' 07.602210" W	99+25.57 "A"	2,660.52' Rt.	MAG Nail Found Flush at W 1/4 Cor Sec 28, T23N, R8E
308	141986.7523	800184.4374	1882069.2779	331585.3048	40° 24' 55.901743" N	85° 39' 14.723716" W	N/A	N/A	3/8" Rebar Found 0.1' Below Grade at W 1/4 Cor Sec 29, T23N, R8E
309	144586.5984	800181.1850	1884668.9495	331583.0332	40° 25' 21.591580" N	85° 39' 14.748304" W	N/A	N/A	1" Iron Pin Found Flush at NW Cor Sec 29, T23N, R8E
310	147240.4098	800167.7226	1887322.5867	331570.5729	40° 25' 47.814683" N	85° 39' 14.904554" W	N/A	N/A	PK Nail Found 0.2' Below Grade at W 1/4 Cor Sec 20, T23N, R8E
311	149903.1028	800141.1638	1889985.1098	331545.0205	40° 26' 14.125582" N	85° 39' 15.230139" W	N/A	N/A	Railroad Spike Found Flush at NW Cor Sec 20, T23N, R8E
312	149892.0774	802810.1831	1889973.0780	334213.8552	40° 26' 14.001541" N	85° 38' 40.714248" W	N/A	N/A	5/8" Rebar w/Grant Co. Surveyor Cap Found at N 1/4 Cor Sec 20, T23N, R8E
313	150150.1980	807998.5420	1890229.2234	339401.9603	40° 26' 16.514558" N	85° 37' 33.615216" W	127+72.68 "A"	5,305.91' Lt.	MAG Nail w/washer Found Flush at N 1/4 Cor Sec 21, T23N, R8E
314	150146.3740	810667.6249	1890224.3926	342070.8609	40° 26' 16.453248" N	85° 36' 59.098140" W	155+08.98 "A"	5,321.80' Lt.	3/4" Rebar (Bent) Found Flush at NW Cor Sec 22, T23N, R8E
315	150178.5766	813317.8207	1890255.5930	344720.8891	40° 26' 16.745260" N	85° 36' 24.824848" W	182+74.04 "A"	5,320.04' Lt.	Railroad Spike Found Flush at N 1/4 Cor Sec 22, T23N, R8E
316	150328.7541	815960.9786	1890404.8630	347363.9243	40° 26' 18.201256" N	85° 35' 50.640721" W	208+20.11 "A"	5,402.13' Lt.	3/4" Rebar Found 0.1' Below Grade at NW Cor Sec 23, T23N, R8E
317	150315.8903	818653.7857	1890390.7840	350056.5435	40° 26' 18.039807" N	85° 35' 15.816795" W	233+79.48 "A"	5,431.90' Lt.	PK Nail Found Flush at N 1/4 Cor Sec 23, T23N, R8E
318	149923.7684	826742.1284	1889995.7368	358144.1878	40° 26' 14.051423" N	85° 33' 31.224336" W	313+62.43 "A"	5,242.03' Lt.	Stone w/3/4" Rebar Guard Found 0.6' Below Grade at NW Cor Sec 19, T23N, R9E
319	149943.5313	826741.8249	1890015.4984	358143.8918	40° 26' 14.246709" N	85° 33' 31.227852" W	313+61.37 "A"	5,261.77' Lt.	14" Diameter Concrete Post Found at NE Cor Sec 24, T23N, R8E
320	150016.2368	829013.8026	1890087.3417	360415.7421	40° 26' 14.928174" N	85° 33' 01.84925" W	N/A	N/A	Stone Found 0.3' Below Grade at N 1/4 Cor Sec 19, T23N, R9E
321	147478.5857	812281.3186	1887552.7809	352682.8272	40° 25' 49.970322" N	85° 34' 41.887378" W	260+29.56 "A"	2,584.32' Lt.	1/2" Iron Pin Found 0.6 Below Grade at W 1/4 Cor Sec 24, T23N, R8E
322	147557.7717	813339.247	1887634.9579	344714.3257	40° 25' 48.8211" N	85° 36' 24.583497" W	182+20.44 "A"	2,699.55' Lt.	3/4" Square Head Bolt Found 0.1' Below Grade at Center Cor Sec 22, T23N, R8E
323	144654.9507	826670.5013	1884727.3051	358070.6378	40° 25' 21.990104" N	85° 33' 32.58618" W	314+91.60 "A"	26.01' Rt.	1" Iron Pin Found (Bent) Flush at NW Cor Sec 30, T23N, R9E
324	144681.3953	826671.0670	1884753.7477	358071.0935	40° 25' 22.51402" N	85° 33' 32.552309" W	314+91.24 "A"	0.44' Lt.	1in Iron Pin Found Flush at SE Cor Sec 24, T23N, R8E
325	144796.9400	823909.8226	1884869.8801	355310.1406	40° 25' 23.40741" N	85° 34' 07.950265" W	287+27.63 "A"	0.00'	1in Iron Pin Found Flush at S 1/4 Sec 24, T23N, R8E
326	144901.8203	821248.2421	1884976.1853	352648.7809	40° 25' 24.508925" N	85° 34' 42.360928" W	260+63.95 "A"	7.56' Lt.	1" Iron Pin Found Flush at SW Cor Sec 24, T23N, R8E
327	144883.0014	818620.7819	1884958.3768	350021.4923	40° 25' 24.537482" N	85° 35' 16.332781" W	234+36.54 "A"	0.69' Rt.	MAG Nail Found Flush (Head Broken Off) at S 1/4 Cor Sec 23, T23N, R8E
328	144857.0579	813368.7604	1884934.3662	344769.8176	40° 25' 24.160951" N	85° 36' 24.238737" W	181+83.20 "A"	1.14' Rt.	MAG Nail Found Flush at S 1/4 Cor Sec 22, T23N, R8E
329	144819.0573	810868.4979	1884897.4299	342087.7227	40° 25' 23.812482" N	85° 36' 58.919289" W	155+00.72 "A"	5.54' Rt.	MAG Nail Found Flush at SW Cor Sec 22, T23N, R8E
331	144843.9507	808027.8372	1884923.3245	339429.2516	40° 25' 24.081906" N	85° 37' 33.293908" W	128+42.00 "A"	0.07' Lt.	MAG Nail Found Flush at S 1/4 Cor Sec 21, T23N, R8E
332	144861.7577	805366.4877	1884942.1522	336768.0890	40° 25' 24.78666" N	85° 38' 07.703438" W	101+80.92 "A"	8.93' Lt.	Magnetic Signal Found per ties from Instr. No. 0200-0734 at SW Cor Sec 21, T23N, R8E
350	142159.8353	822608.3250	1882233.9098	354007.7370	40° 24' 57.396145" N	85° 34' 24.265272" W	275+47.27 "A"	2,693.05' Rt.	MAG Nail Found Flush at SW Cor S 1/4 E 1/2 NW Cor Sec 25, T23N, R8E
351	144580.7216	802852.9023	1884662.0653	334254.5677	40° 25' 21.518362" N	85° 38' 30.204948" W	N/A	N/A	Calculated Corner at S 1/4 Corner Sec 20, T23N, R8E
352	144927.7346	151971.7006	1885003.7462	347372.6077	40° 25' 24.827754" N	85° 35' 50.583197" W	207+87.08 "A"	0.81' Lt.	Calculated Corner at SW Corner Sec 23, T23N, R8E
353	144696.6787	829189.5515	1884805.8511	335786.0642	40° 25' 22.361425" N	85° 32' 32.689431" W	N/A	N/A	Calculated Corner at SE Corner NW 1/4 Section 19, T23N, R9E

TOPO FEATURE COORDINATE INFORMATION

Point No.	Grant INCGS Northing	Grant INCGS Easting	Northing "Indiana East" Zone	Easting "Indiana East" Zone	Latitude	Longitude	Station	Offset	Description
400	145143.6842	823268.8649	1885217.2885	354669.3575	40° 25' 26.870732" N	85° 34' 16.230892" W	280+71.56 "A"	317.71' Lt.	5/8" Rebar w/Cap Stamped 'WALKER ASSOC. FIRM 0087' Found
401	144861.732	823267.4804	1884935.3560	354667.8667	40° 25' 24.084711" N	85° 34' 16.254108" W	280+82.99 "A"	35.99' Lt.	5/8" Rebar w/Cap Stamped 'WALKER ASSOC. FIRM 0087' Found
402	144852.0185	823513.2454	1884925.5504	354913.6113	40° 25' 23.985177" N	85° 34' 13.076700" W	283+28.94 "A"	37.45' Lt.	5/8" Rebar w/Cap Stamped 'WALKER ASSOC. FIRM 0087' Found
403	145134.0424	823514.6872	1885207.5546	354915.1594	40° 25' 26.771906" N	85° 34' 13.052766" W	283+17.57 "A"	319.25' Lt.	5/8" Rebar w/Cap Stamped 'WALKER ASSOC. FIRM 0087' Found
404	144951.9548	816879.5349	1885027.9823	348280.3896	40° 25' 25.060054" N	85° 35' 38.845023" W	216+94.35 "A"	37.83' Lt.	5/8" Rebar w/Cap Stamped 'RMA FIRM 0074' Found
405	144962.3362	816388.5878	1885038.5482	347789.4798	40° 25' 25.169400" N	85° 35' 45.192544" W	212+03.29 "A"	39.58' Lt.	5/8" Rebar w/Cap Stamped 'RMA FIRM 0074' Found
406	144889.8573	812868.5457	1884967.4020	344269.6493	40° 25' 24.490711" N	85° 36' 30.705780" W	176+83.43 "A"	39.21' Lt.	3/4" Rebar Found
407	144869.737	809389.1976	1884948.5956	340790.5295	40° 25' 24.325057" N	85° 37' 15.692017" W	142+03.10 "A"	37.31' Lt.	1/2" Rebar Found
408	144792.8755	809297.5178	1884871.7739	340698.8269	40° 25' 23.566375" N	85° 37' 16.878269" W	141+12.07 "A"	40.32' Rt.	5/8" Rebar w/Cap Stamped 'BERTSCH-FRANK ASSOC. FIRM 0081' Found
409	144797.7425	808700.6951	1884876.8657	340102.0465	40° 25' 23.619645" N	85° 37' 24.594766" W	135+15.22 "A"	40.47' Rt.	1/2" Iron Pipe Found
410	144801.8481	808373.752	1884881.0936	339777.1270	40° 25' 23.662972" N	85° 37' 28.796037" W	131+90.26 "A"	39.10' Rt.	Angle Iron Found
410	144902.0283	805366.4384	1884982.4021	336768.0549	40° 25' 24.76414" N	85° 38' 07.703696" W	101+83.05 "A"	49.12' Lt.	5/8" Rebar Found
412	144881.8794	805163.0932	1884962.3313	336564.7159	40° 25' 24.87776" N	85° 38' 10.33025" W	99+80.41 "A"	43.67' Lt.	5/8" Rebar Found
453	144749.155	804753.2335	1884829.7705	336154.8339	40° 25' 23.170180" N	85° 38' 15.633492" W	95+59.31 "A"	44.27' Rt.	1/2" Iron Pipe Found
454	144687.0905	804164.1704	1884767.9324	335565.7872	40° 25' 22.560939" N	85° 38' 23.250254" W	89+67.00 "A"	40.96' Rt.	5/8" Rebar w/Cap Stamped 'WITNESS LS 20200013'
1236	144925.5893	819348.4762	1885000.6873	350749.1532	40° 25' 24.769073" N	85° 35' 06.923404" W	241+64.67 "A"	41.99' Lt.	Concrete R/W Marker Found
1238	144924.9424	819351.7664	1885000.0392	350752.4429	40° 25' 24.762638" N	85° 35' 06.880874" W	241+67.95 "A"	41.31' Lt.	Wood Post Found
1379	144924.9554	819236.9827	1885000.0955	350637.6670	40° 25' 24.764237" N	85° 35' 08.364962" W	240+53.18 "A"	42.49' Lt.	Concrete R/W Marker Found
1381	144924.6889	819235.1006	1884999.8297	350635.7849	40° 25' 24.761628" N	85° 35' 08.389301" W	240+51.29 "A"	42.24' Lt.	Wood Post Found
1460	144845.2213	819297.2446	1884920.3441	350697.8947	40° 25' 23.975592" N	85° 35' 07.587147" W	241+12.62 "A"	37.86' Rt.	Concrete R/W Marker Found
1464	144843.4875	819283.7369	1884918.6155	350684.3873	40° 25' 23.958633" N	85° 35' 07.761822" W	240+99.10 "A"	39.45' Rt.	"T" Post Found
1465	144843.2509	819276.0252	1884918.3818	350676.6760	40° 25' 23.956394" N	85° 35' 07.861534" W	240+91.38 "A"	39.61' Rt.	"T" Post Found
1466	144843.6342	819267.6820	1884918.7682	350668.3336	40° 25' 23.960288" N	85° 35' 07.969400" W	240+83.05 "A"	39.14' Rt.	"T" Post Found
1474	144838.6219	819251.9802	1884913.7622	350652.6309	40° 25' 23.910961" N	85° 35' 08.172498" W	240+67.29 "A"	43.99' Rt.	"T" Post Found
9006	144803.8962	824634.8988	1884877.0083	356035.1702	40° 25' 23.493147" N	85° 33' 58.575351" W	294+51.72 "A"	38.50' Lt.	Concrete R/W Marker Found
9011	144756.3379	823909.7338	1884829.7268	355310.0366	40° 25' 23.033950" N	85° 34' 07.952183" W	287+29.26 "A"	40.12' Rt.	8" Square Wood Post Found
9016	144808.4772	822641.6421	1884882.3409	354042.0509	40° 25' 23.567423" N	85° 34' 24.346805" W	274+60.15 "A"	45.62' Rt.	Concrete R/W Marker Found
9017	144808.1481	822643.1256	1884882.0113	354043.5342	40° 25' 23.564150" N	85° 34' 24.327630" W	274+61.65 "A"	45.89' Rt.	12" Diameter Concrete Post Found
9018	144769.2256	822603.4983	1884843.1064	354003.8949	40° 25' 23.180108" N	85° 34' 24.840706" W	274+23.63 "A"	86.49' Rt.	12" Diameter Concrete Post Found
9019	144770.5696	822603.2307	1884844.4504	354003.6278	40° 25' 23.193392" N	85° 34' 24.844141" W	274+23.31 "A"	85.16' Rt.	Concrete R/W Marker Found (Leaning)
9020	144772.7272	822563.4343	1884846.5228	353963.8349	40° 25' 23.124286" N	85° 34' 25.358644" W	273+83.31 "A"	84.75' Rt.	Concrete R/W Marker Found (Leaning)
9021	144771.1289	822562.8733	1884845.0248	353963.2734	40° 25' 23.199489" N	85° 34' 25.365926" W	273+82.81 "A"	86.27' Rt.	12" Diameter Concrete Post Found
9022	144812.8226	822552.5438	1884886.7309	353922.9624	40° 25' 23.612044" N	85° 34' 25.886590" W	273+40.73 "A"	46.21' Rt.	12" Diameter Concrete Post Found
9023	144813.1566	822523.7305	1884887.0645	353924.1491	40° 25' 23.615328" N	85° 34' 25.871241" W	273+41.91 "A"	45.83' Rt.	Concrete R/W Marker Found
9025	144859.1588	820953.6060	1884933.6558	352354.1488	40° 25' 24.091542" N	85° 34' 46.171153" W	257+69.48 "A"	40.33' Rt.	12" Diameter Concrete Post Found
9026	144858.0841	820823.8432	1884932.6301	352224.3944	40° 25' 24.082668" N	85° 34' 47.848927" W	256+39.27 "A"	40.54' Rt.	12" Diameter Concrete Post Found
9029	144930.8686	819934.2141	1885005.7453	351334.8532	40° 25' 24.813654" N	85° 34' 59.350053" W	247+50.43 "A"	41.30' Lt.	12" Diameter Concrete Post Found
9032	144841.9645	818906.3892	1884917.2349	350307.0647	40° 25' 23.948388" N	85° 35' 12.640725" W	237+22.39 "A"	39.39' Rt.	Concrete R/W Marker Found
9039	144921.0575	818910.7254	1884996.3209	350311.4304	40° 25' 24.729871" N	85° 35' 12.583350" W	237+26.51 "A"	39.71' Lt.	Concrete R/W Marker Found
9040	144955.9807	818847.5845	1885071.2628	350248.3221	40° 25' 25.471005" N	85° 35' 13.398488" W	236+62.62 "A"	114.25' Lt.	Concrete R/W Marker Found
9041	144956.3464	818771.3107	1885031.6600	350172.0385	40° 25' 25.080331" N	85° 35' 14.385322" W	235+86.60 "A"	74.14' Lt.	Concrete R/W Marker Found
9042	144920.7410	818764.2383	1884996.0597	350164.9532	40° 25' 24.728594" N	85° 35' 14.477351" W	235+79.75 "A"	38.49' Lt.	Concrete R/W Marker Found
9043	144921.0005	818720.8364	1884996.3355	350121.5543	40° 25' 24.731704" N	85° 35' 15.038509" W	235+36.35 "A"	38.48' Lt.	Concrete R/W Marker Found
9044	144949.3416	818591.5394	1885024.7235	349992.2768	40° 25' 25.013373" N	85° 35' 16.709782" W	234+06.20 "A"	65.16' Lt.	Concrete R/W Marker Found
9045	144829.5995	818534.6511	1884905.0110	349935.3472	40° 25' 23.830882" N	85° 35' 17.447275" W	233+51.30 "A"	55.51' Rt.	Concrete R/W Marker Found
9046	144827.4435	818536.6073	1884902.8544	349937.3024	40° 25' 23.830894" N	85° 35' 17.422018" W	233+53.30 "A"	57.64' Rt.	18" Diameter Concrete Post Found
9047	144732.6244	818600.3671	1884808.0177	350001.0221	40° 25' 22.871823" N	85° 35' 16.599198" W	234+18.62 "A"	151.38' Rt.	Concrete R/W Marker Found (Leaning)
9048	144729.1386	818600.9862	1884804.5319	350001.6399	40° 25' 22.873731" N	85° 35' 16.591250" W	234+19.30 "A"	154.86' Rt.	Broken Down Concrete Post Found
9049	144731.6070	818635.2689	1884806.9872	350035.9212	40° 25' 22.861332" N	85° 35' 16.147957" W	234+53.53 "A"	151.82' Rt.	Concrete R/W Marker Found
9050	144841.0753	818721.4549	1884916.4155	350122.1426	40° 25' 23.941935" N	85° 35' 15.031828" W	235+37.47 "A"	41.44' Rt.	Concrete R/W Marker Found
9075	144887.4337	815972.4902	1884963.8077	347573.3822	40° 25' 24.433078" N	85° 35' 50.573588" W	207+87.38 "A"	39.13' Rt.	10" Diameter Steel Post Found
9076	144884.2696	815858.6642	1884960.6868	347259.5627	40° 25' 24.403116" N	85° 35' 52.045340" W	206+72.94 "A"	40.08' Rt.	Concrete R/W Marker Found
9079	144888.0805	816178.1746	1884964.3769	347579.0528	40° 25' 24.437100" N	85° 35' 47.914197" W	209+94.08 "A"	38.31' Rt.	18" Diameter Concrete Post Found
9088	144791.0140	811335.3214	1884869.1438	342736.4917	40° 25' 23.529225" N	85° 36' 50.530745" W	161+49.10 "A"	40.63' Rt.	Concrete R/W Marker Found
9089	144790.8086	811333.8122	1884868.9390	342734.9825	40° 25' 23.527210" N	85° 36' 50.550260" W	161+47.59 "A"	40.82' Rt.	5" Diameter Concrete Post Found
9092	144863.7783	810700.4674	1884942.1426	342101.7082	40° 25' 24.254251" N	85° 36' 58.738124" W	155+14.92 "A"	39.11' Lt.	Broken Down Concrete Post Found
9097	144872.3427	809412.3741	1884951.1924	340813.7054	40° 25' 24.350600" N	85° 37' 15.392328" W	142+26.25 "A"	40.11' Lt.	Concrete R/W Marker Found
9098	144873.6820	809296.5723	1884952.5752	340697.9120	40° 25' 24.364855" N	85° 37' 16.889564" W	141+10.44 "A"	40.48' Lt.	Concrete R/W Marker Found
9099	144793.1674	809296.2122	1884872.0662	340697.5215	40° 25' 23.569271" N	85° 37' 16.895146" W	141+10.76 "A"	40.04' Rt.	Concrete R/W Marker Found
9100	144752.4495	809372.0352	1884831.3225	340773.3240	40° 25' 23.166259" N	85° 37' 15.915271" W	141+86.92 "A"	80.12' Rt.	Concrete R/W Marker Found
9101	144751.2131	809372.2833	1884830.0861	340773.5716	40° 25' 23.154039" N	85° 37' 15.912078" W	141+87.18 "A"	81.35' Rt.	6" Steel Post Found
9102	144791.5724	809413.1647	1884870.4272	340814.4655	40° 25' 23.552479" N	85° 37' 15.383040" W	142+27.72 "A"	40.65' Rt.	6" Steel Post Found
9107	144803.9334	808028.2340	1884883.3098	339429.6333	40° 25' 23.686481" N	85° 37' 33.289211" W	128+42.73 "A"	39.94' Rt.	4" Steel Post Found
9110	144884.7286	807986.8557	1884964.1151	339388.2883	40° 25' 24.485183" N	85° 37' 33.823334" W	128+00.68 "A"	40.50' Lt.	Concrete R/W Marker Found
9113	144896.8914	807588.4903	1884976.4274	338989.9544	40° 25' 24.608629" N	85° 37' 38.973845" W	124+02.27 "A"	49.66' Lt.	4" Square Wood Post Found
9114	144897.8078	807588.3573	1884977.3438	338989.8218	40° 25' 24.617685" N	85° 37' 38.975555" W	124+02.13 "A"	50.58' Lt.	Round Wood Post Found
9117	144893.9898	806687.4571	1884973.8659	338088.9812	40° 25' 24.587100" N	85° 37' 50.623733" W	115+01.28 "A"	39.96' Lt.	Concrete R/W Marker Found
9120	144809.9073	806702.1842	1884889.7835	338103.6756	40° 25' 23.756444" N	85° 37' 50.434173" W	115+16.64 "A"	44.01' Rt.	6" Steel Post Found
60021	144896.5030	813309.7520	1884973.8809	344710.8281	40° 25' 24.551827" N	85° 36' 25.001143" W	181+25.01 "A"	39.63' Lt.	Concrete R/W Marker Found
60022	144897.3313	813309.0268	1884974.7094	344710.1033	40° 25' 24.560019" N	85° 36' 25.010508" W	181+24.31 "A"	40.47' Lt.	6" Square Concrete Post Found
60046	144937.8443	813351.0600	1885015.2038	344752.1489	40° 25' 24.959901" N	85° 36' 24.466490" W	181+67.31 "A"	80.07' Lt.	Concrete R/W Marker Found
60047	144937.8779	813350.2599	1885015.2377	344751.3489	40° 25' 24.960242" N	85° 36' 24.476835" W	181+66.51 "A"	80.13' Lt.	6" Square Concrete Post Found
60076	144938.1157	813385.2751	1885015.4622	344786.3618	40° 25' 24.962226" N	85° 36' 24.024104" W	182+01.64 "A"	79.55' Lt.	



CERTIFIED ENGINEERING JOB NO. 24102

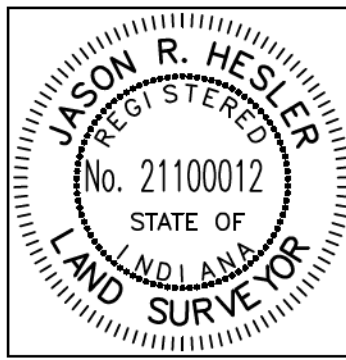
SURVEY STARTED	JANUARY 2024
SURVEY COMPLETED	APRIL 2024
LCSR SHEETS	8 of 9



3939 MILLERSVILLE ROAD
INDIANAPOLIS, INDIANA 46205
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E-MAIL: CERTIFIED@CERTIFIEDENGINEERING.COM

FIELD SURVEYOR STATEMENT

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



PREPARED BY:

JASON R. HESLER

05-21-2024
DATE

RECOMMENDED FOR APPROVAL

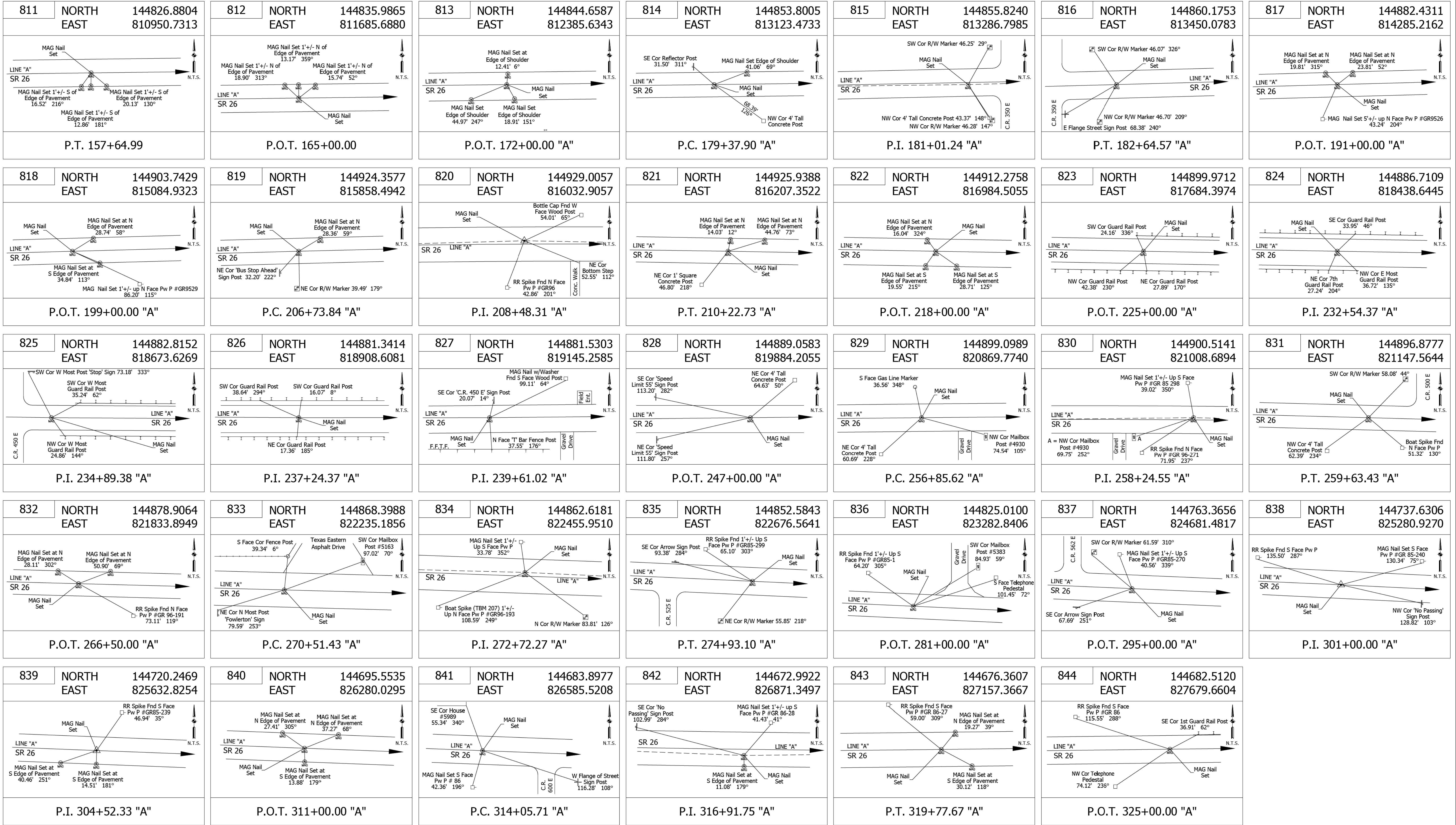
REGISTERED LAND SURVEYOR, FIELD

05-21-2024
DATE

INDIANA
DEPARTMENT OF TRANSPORTATION

SR 26 SMALL STRUCTURE REPLACEMENTS
GRANT COUNTY, INDIANA
LOCATION CONTROL ROUTE SURVEY

HORIZONTAL SCALE	BRIDGE FILE
AS SHOWN	DESIGNATION
VERTICAL SCALE	2200521
N/A	
SURVEY BOOK	SHEETS
	11 of 61
CONTRACT	PROJECT
R-44578	2200521



CERTIFIED ENGINEERING JOB NO. 24102

SURVEY STARTED	JANUARY 2024
SURVEY COMPLETED	APRIL 2024
LCSR SHEETS	9 of 9



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FIELD SURVEYOR STATEMENT

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



PREPARED BY:

JASON R. HESLER 05-21-2024 DATE

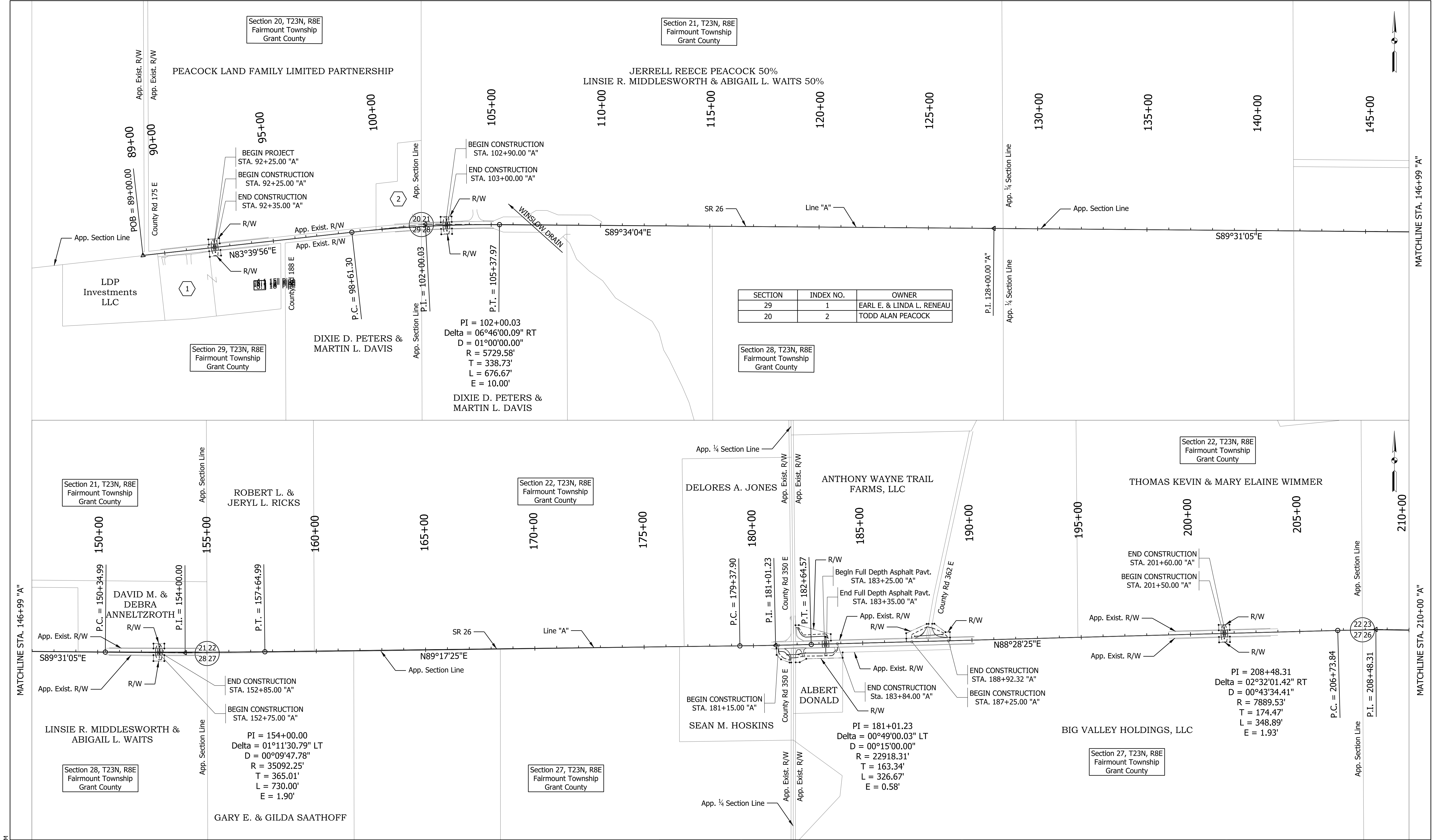
RECOMMENDED FOR APPROVAL

REGISTERED LAND SURVEYOR, FIELD 05-21-2024 DATE

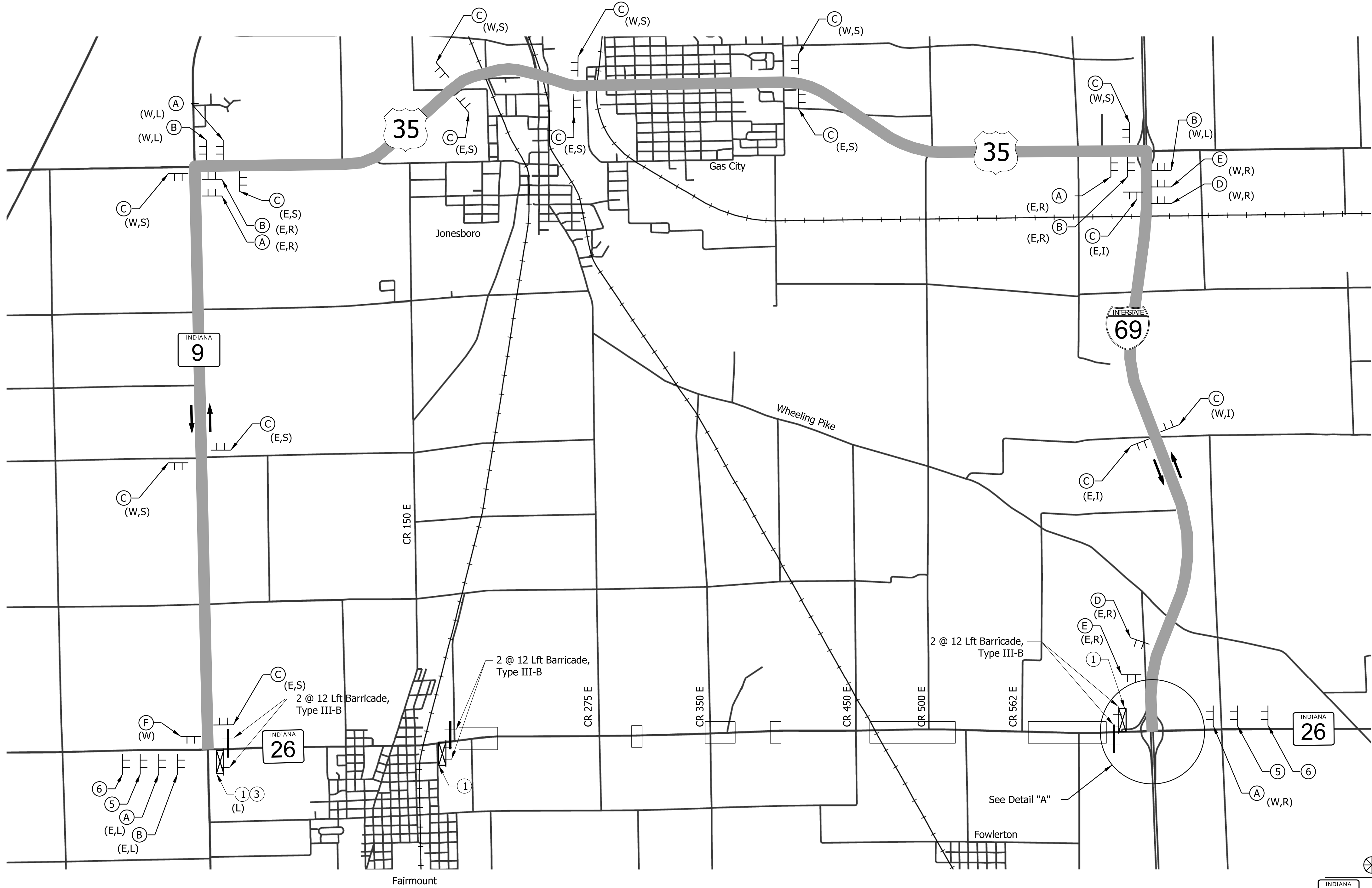
INDIANA
DEPARTMENT OF TRANSPORTATION

SR 26 SMALL STRUCTURE REPLACEMENTS
GRANT COUNTY, INDIANA
LOCATION CONTROL ROUTE SURVEY

HORIZONTAL SCALE	AS SHOWN	BRIDGE FILE	
VERTICAL SCALE	N/A	DESIGNATION	2200521
SURVEY BOOK		SHEETS	
		12 of 61	
CONTRACT	R-44578	PROJECT	2200521



STAGE 2	RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE		INDIANA DEPARTMENT OF TRANSPORTATION				SCALE 1"=200'		BRIDGE FILE N/A	
													DESIGNATION 2200521	
	DESIGNED: MLB Dec 2024		DRAWN: MLB Dec 2024				PLAT NO. 1				SURVEY BOOK ELECTRONIC		SHEETS 13 of 61	
	CHECKED: KMS Dec 2024		CHECKED: KMS Dec 2024								CONTRACT R-44578		PROJECT 2200521	

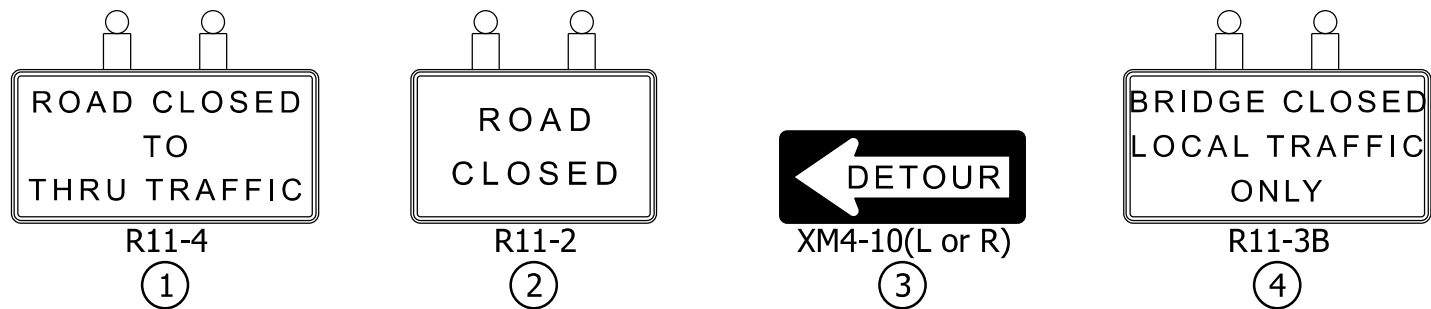


- LEGEND**
- Construction Sign
 - Type A - Low Intensity Light
 - Type B - High Intensity Light
 - Type III-A/III-B Barricade
 - Type III Barricade & Road Closure Sign Assembly
 - Worksite (See Detail "B")

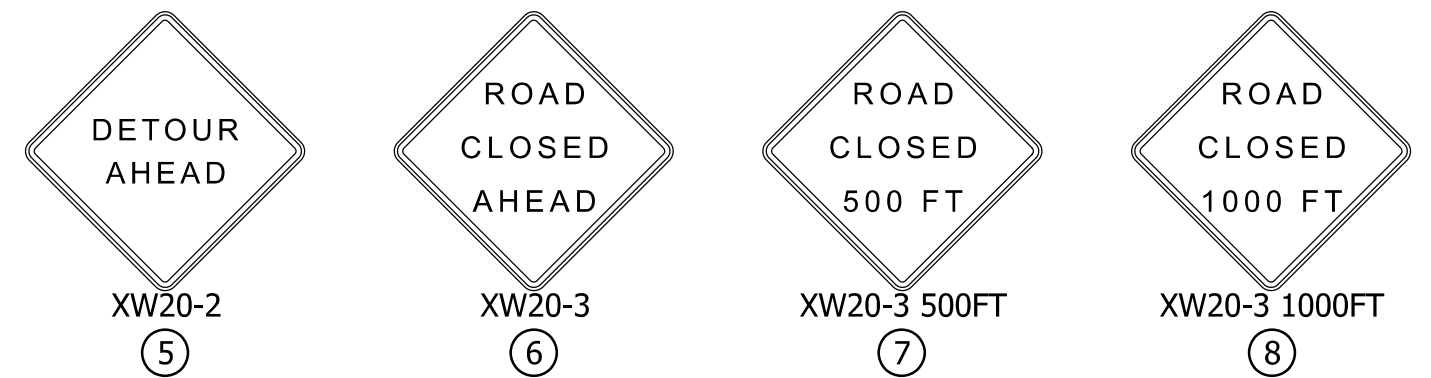
DETOUR PLAN

DETOUR	XM4-8	DETOUR	XM4-8	DETOUR	XM4-8
EAST	M3-2(E or W)	EAST	M3-2(E or W)	EAST	M3-2(E or W)(I or S)
INDIANA	M1-5	INDIANA	M1-5	INDIANA	M1-5
26	M5-1(L or R)S	26	M6-1(L or R)S	26	M6-1(I or S)
←	(A)	←	(B)	↑	(C)
DETOUR	XM4-8	DETOUR	XM4-8	END DETOUR	XM4-8
EAST	M3-2(E or W)I	EAST	M3-2(E or W)I	EAST	M3-2(E or W)
INDIANA	M1-5	INDIANA	M1-5	INDIANA	M1-5
26	M5-2 (L or R)I	26	M6-2 (L or R)I	26	
↗	(D)	↗	(E)		(F)

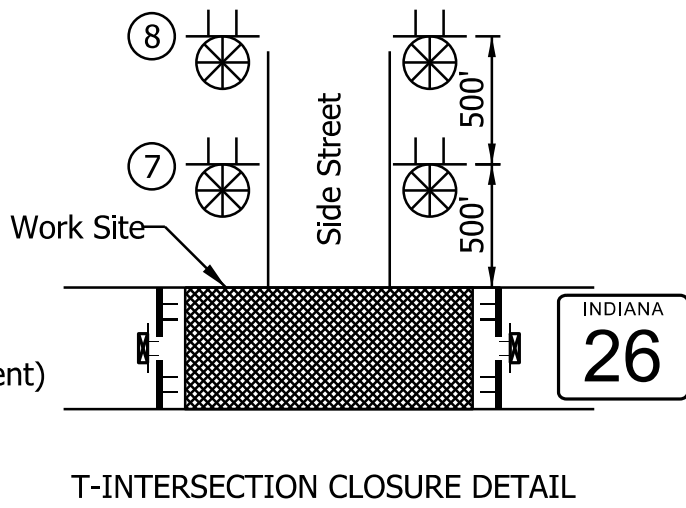
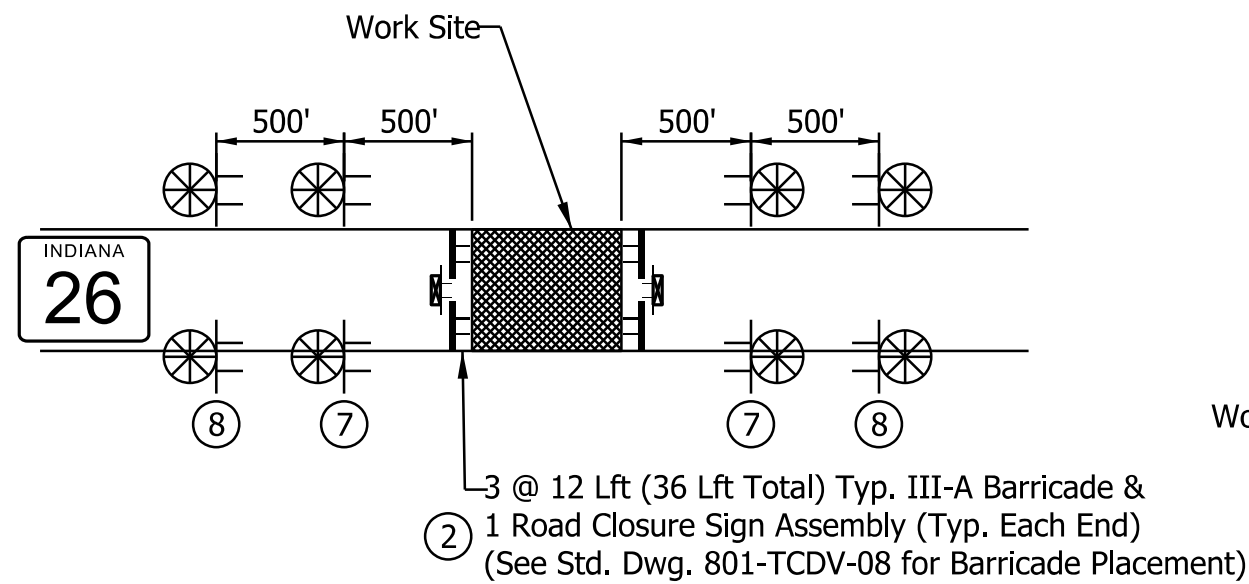
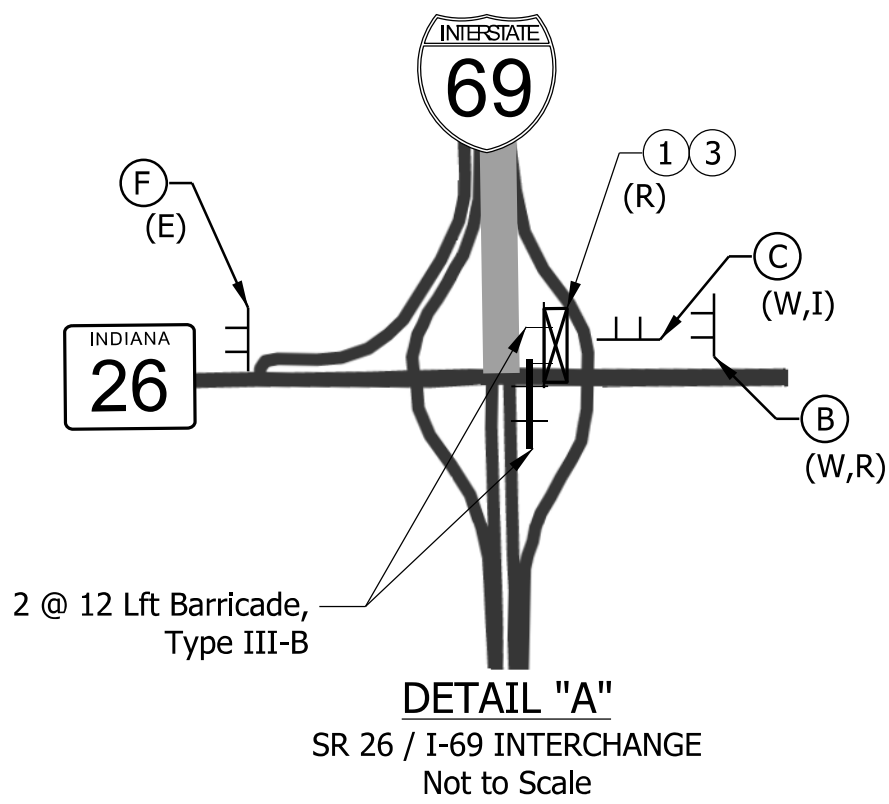
DETOUR ROUTE MARKER ASSEMBLIES



ROAD CLOSURE SIGN ASSEMBLIES



CONSTRUCTION SIGNS



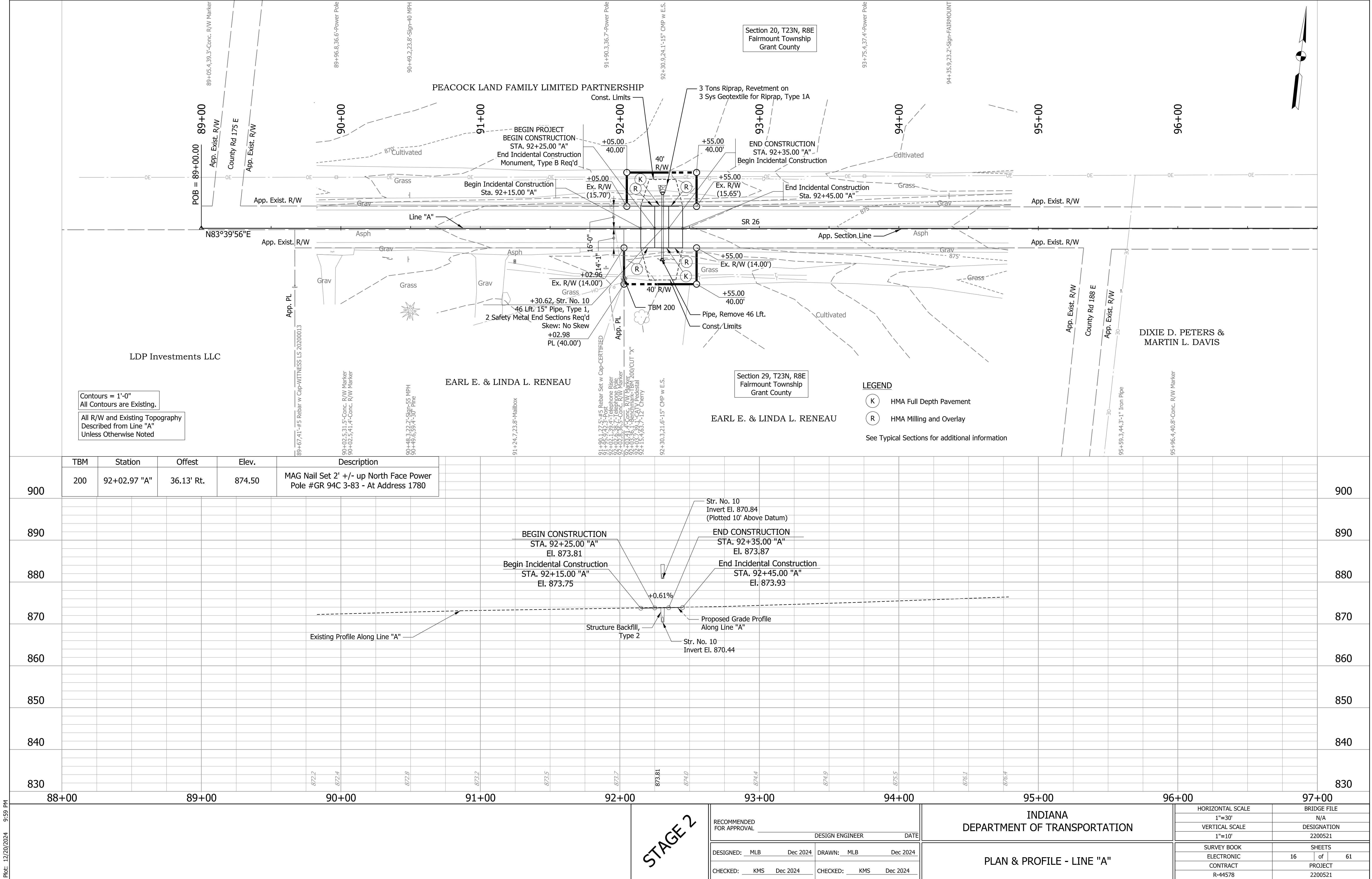
STAGE 2

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MLB	Dec 2024	DRAWN: MLB
CHECKED: KMS	Dec 2024	CHECKED: KMS

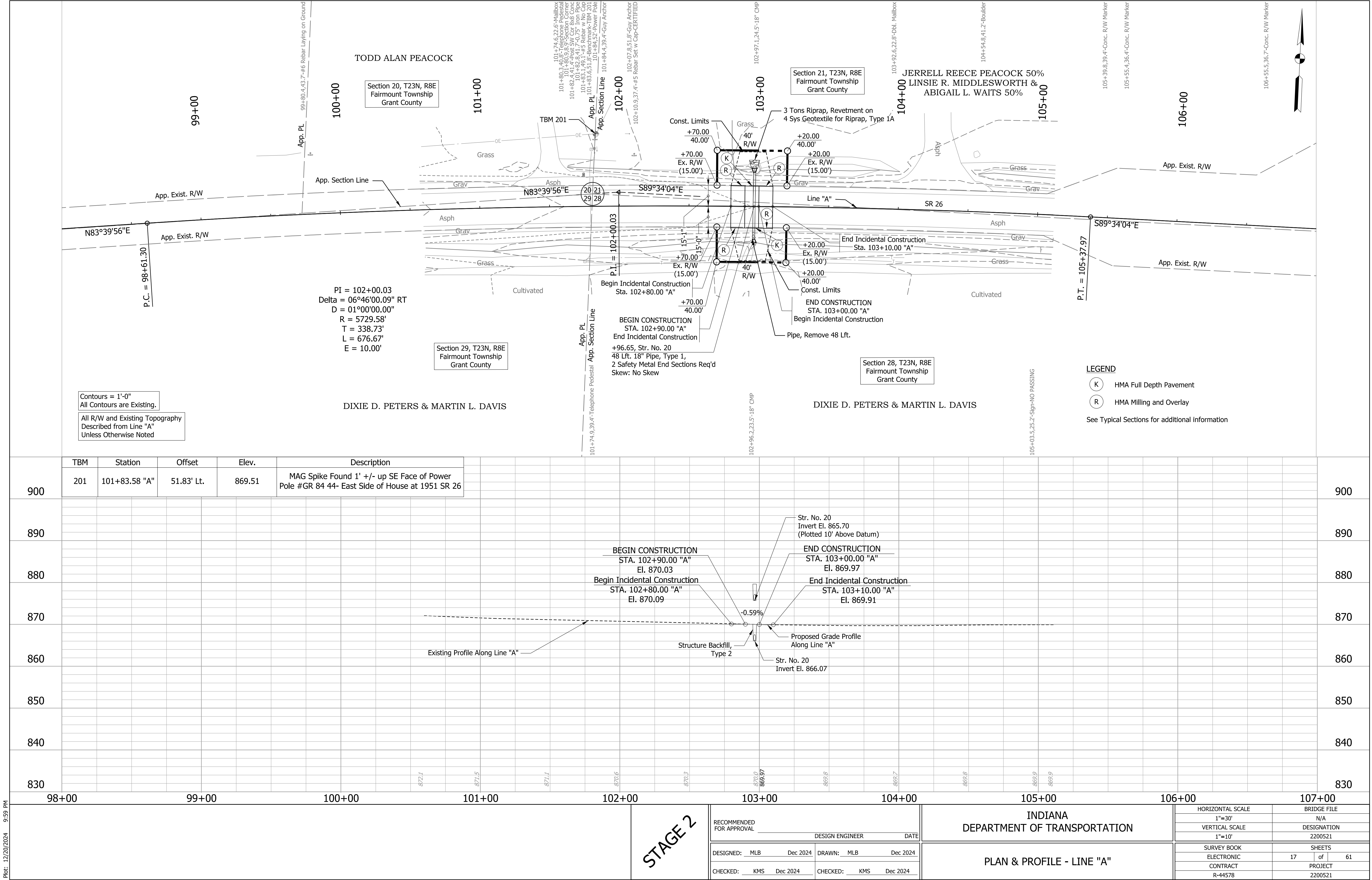
INDIANA
DEPARTMENT OF TRANSPORTATION

DETOUR ROUTE

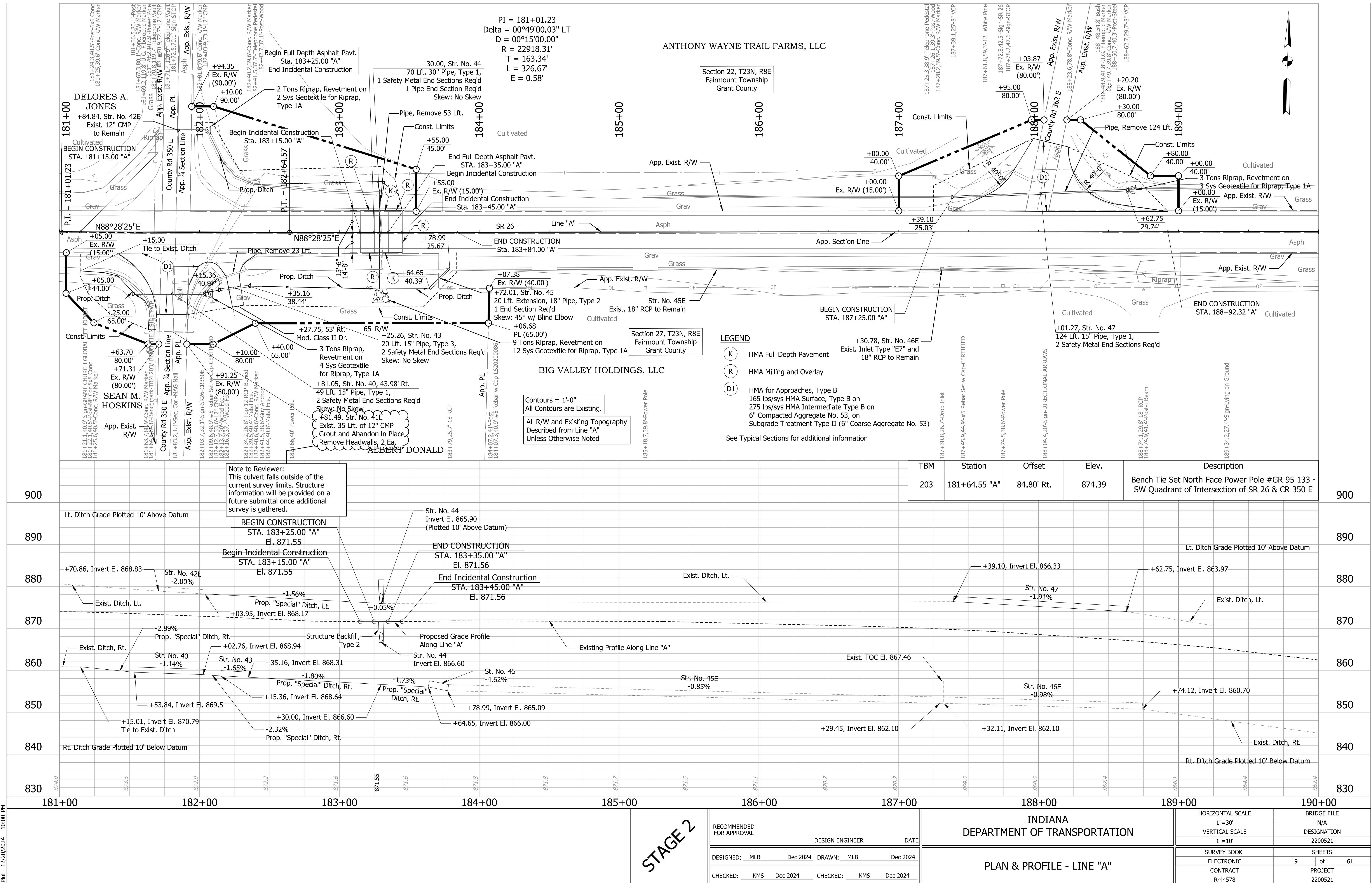
SCALE	BRIDGE FILE
NOT TO SCALE	N/A
	DESIGNATION
	2200521
SURVEY BOOK	SHEETS
ELECTRONIC	15 of 61
CONTRACT	PROJECT
R-44578	2200521

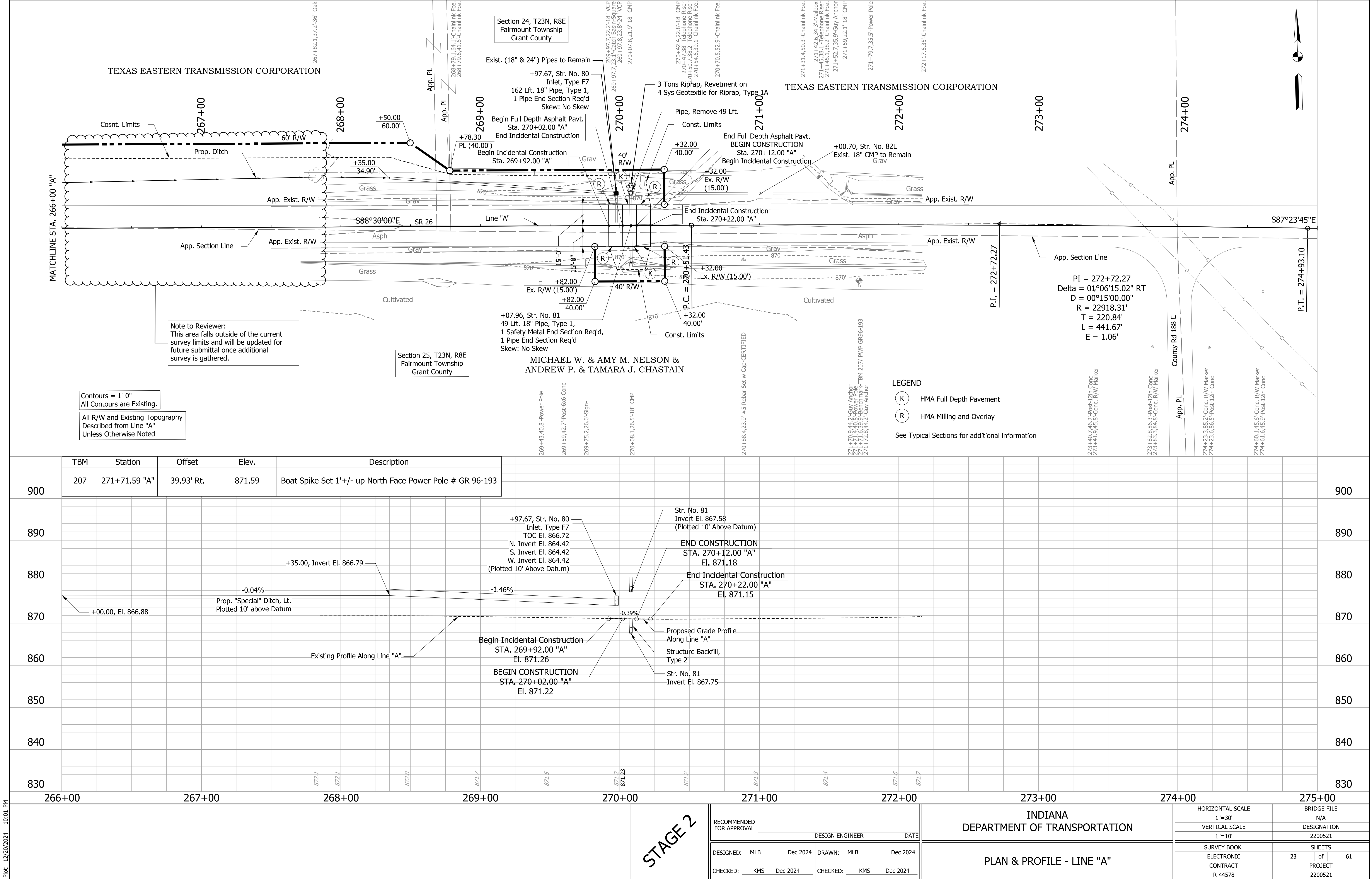


Plot: 12/20/2024 9:59 PM



Plot: 12/20/2024 9:59 PM

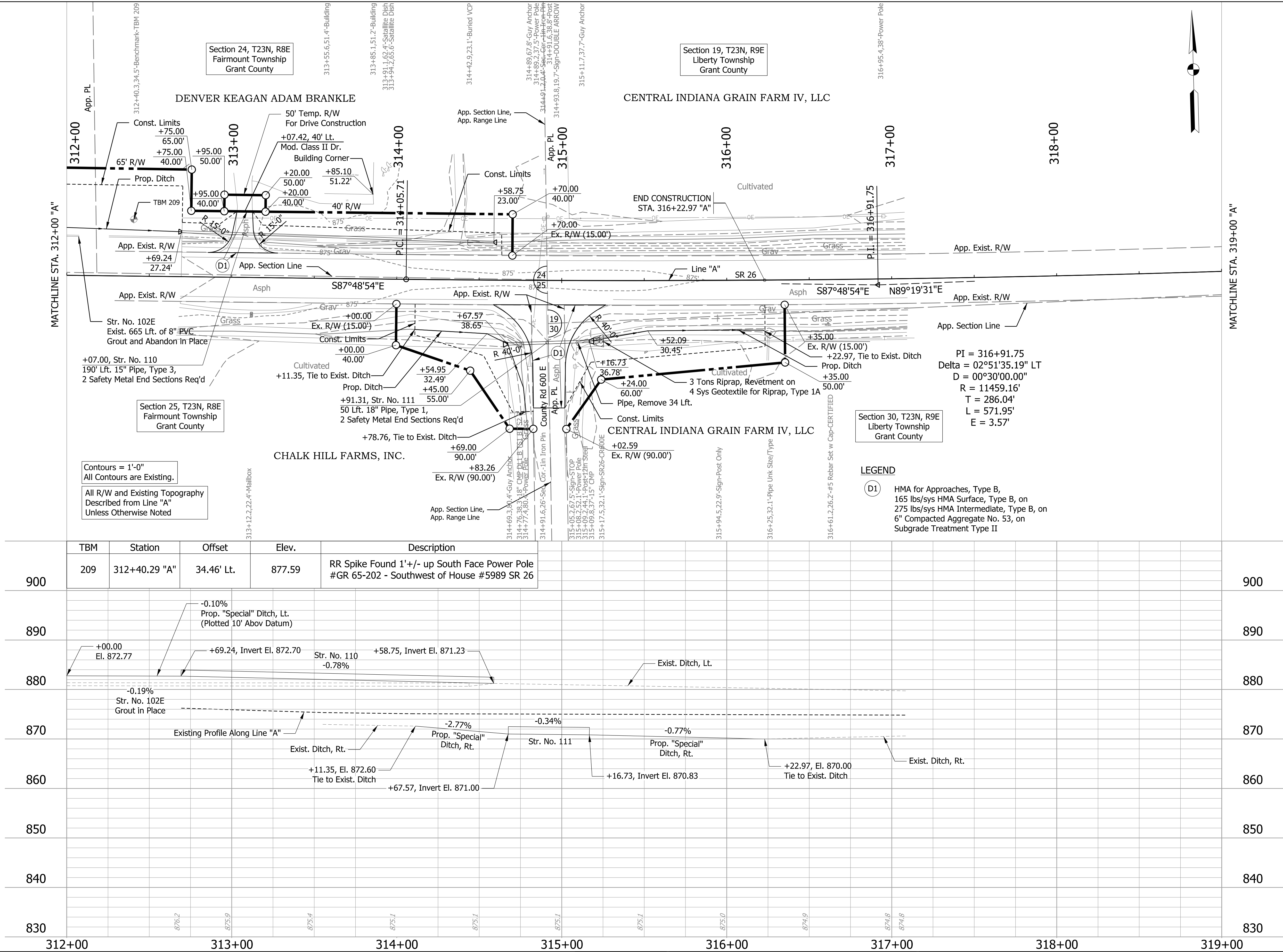




Plot: 12/20/2024 10:01 PM

Plot: 12/20/2024 10:02 PM

File:pw://cdmsmith-az02-pw.bentley.com:pw_p11/Documents/118931/293309/10 Transportation/02 Engineering Services/01 Roadway/10 BIM_CADD/02 Details/STG 2 Plans/SHT PP11.dgn
Model:SHT PP11



STAGE 2

RECOMMENDED FOR APPROVAL			
DESIGN ENGINEER		DATE	
DESIGNED: MLB	Dec 2024	DRAWN: MLB	Dec 2024
CHECKED: KMS	Dec 2024	CHECKED: KMS	Dec 2024

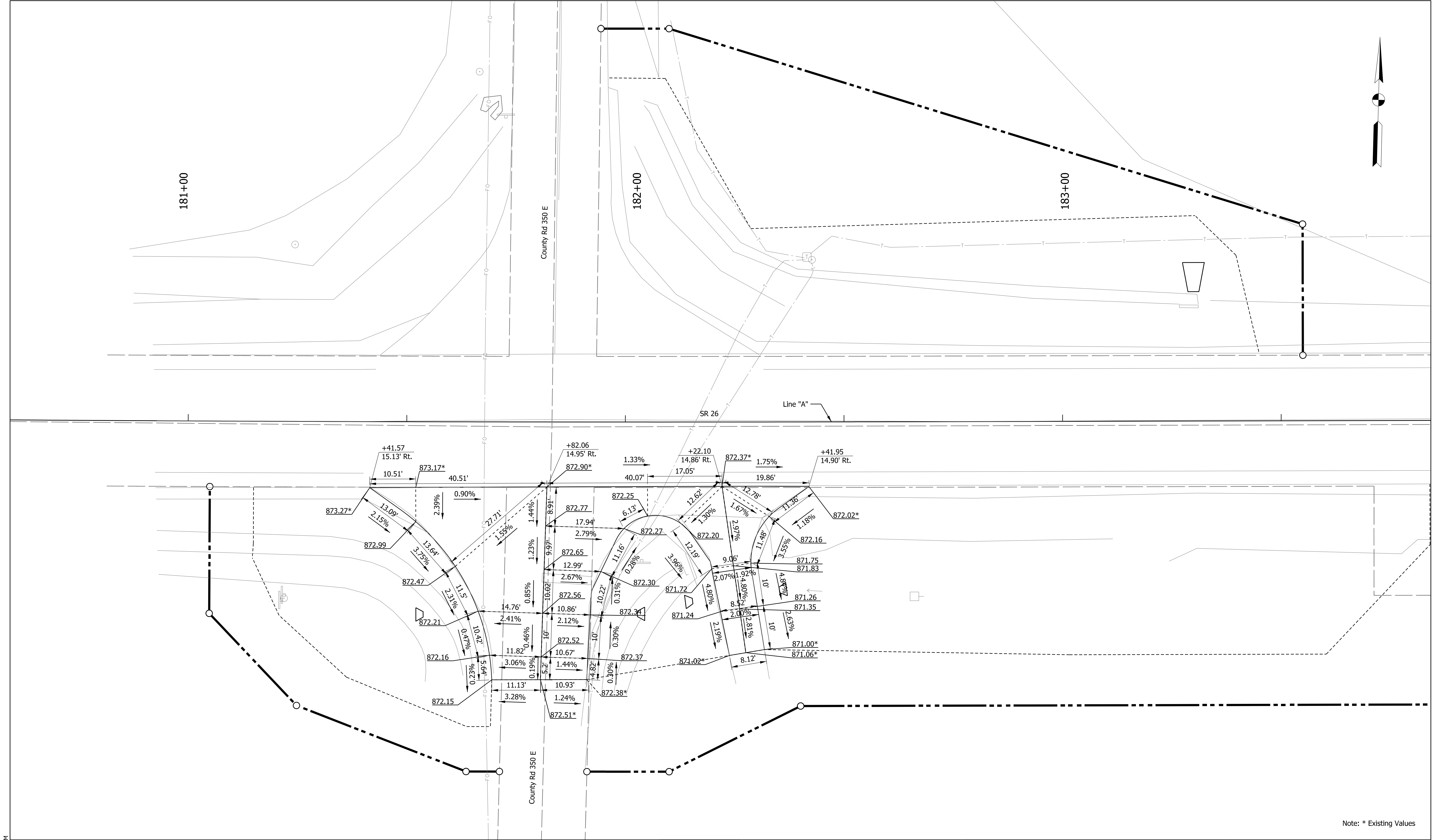
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE - LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1"=30'		N/A	
VERTICAL SCALE		DESIGNATION	
1"=10'		2200521	
SURVEY BOOK		SHEETS	
ELECTRONIC		26	of 61
CONTRACT		PROJECT	
R-44578		2200521	

Plot: 12/20/2024 10:02 PM

File:pw://cdsmith-az02-pw.bentley.com:pw_pl1/Documents/118931/293309/10 Transportation/02 Engineering Services/01 Roadway/10 BIM_CADD/01 Working/293309.RD.CTL.INT.dgn
Model:Spot Levels [Sheet]



Note: * Existing Values

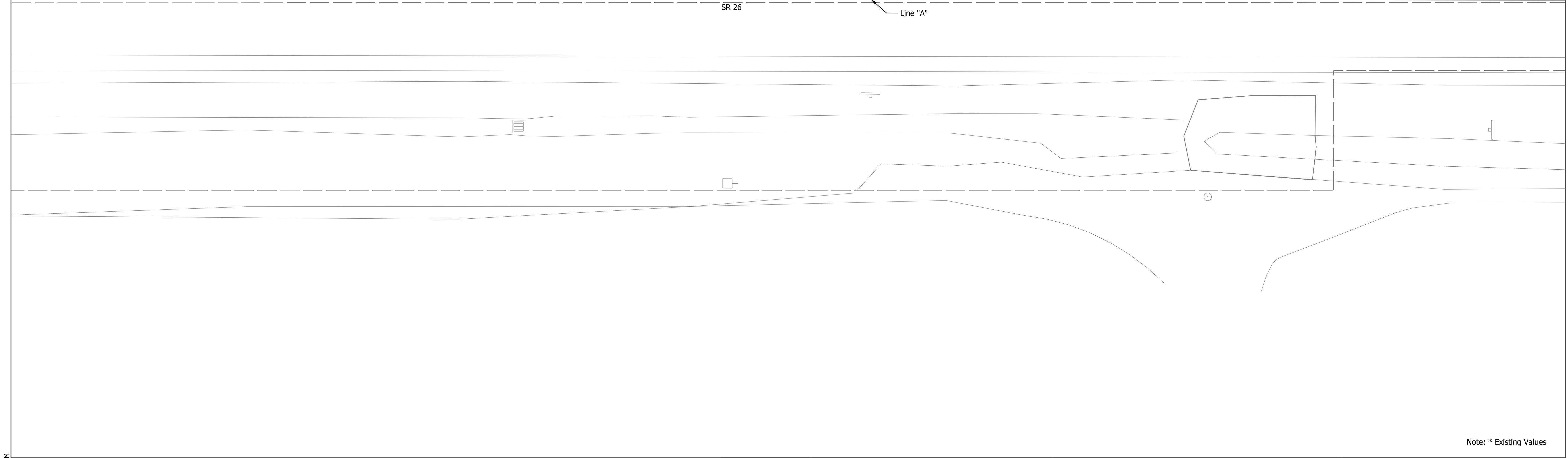
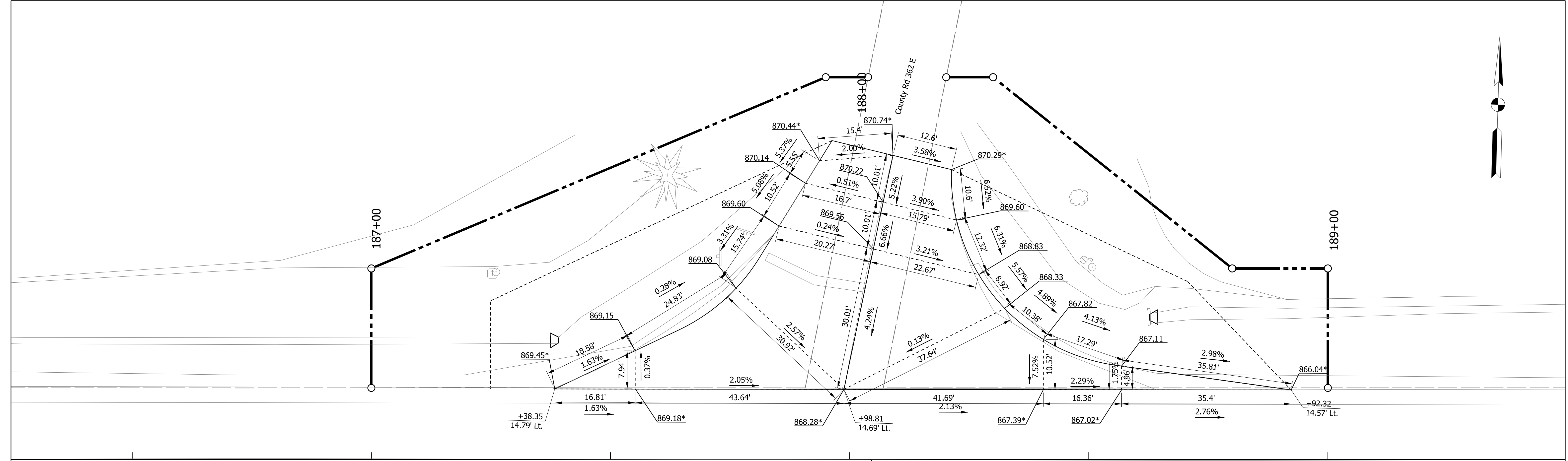
STAGE 2

RECOMMENDED FOR APPROVAL _____			
DESIGN ENGINEER		DATE	
DESIGNED: MLB	Dec 2024	DRAWN: MLB	Dec 2024
CHECKED: KMS	Dec 2024	CHECKED: KMS	Dec 2024

INDIANA
DEPARTMENT OF TRANSPORTATION

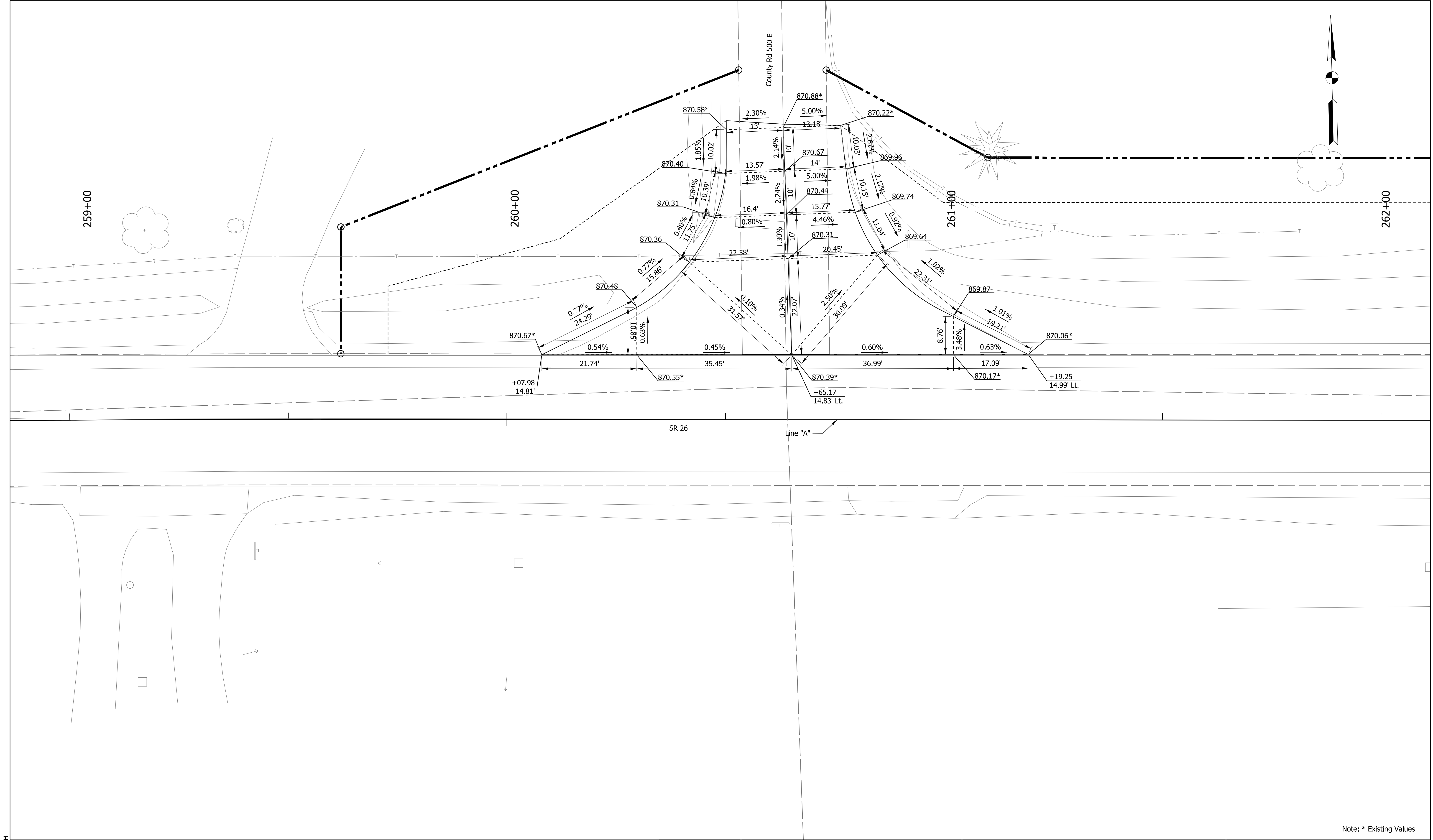
SPOT ELEVATION DETAILS
SR 26 & COUNTY ROAD 350 E INTERSECTION

SCALE 1" = 10'		BRIDGE FILE N/A	
		DESIGNATION 2200521	
SURVEY BOOK ELECTRONIC		SHEETS 28 of 61	
CONTRACT R-44578		PROJECT 2200521	



Note: * Existing Values

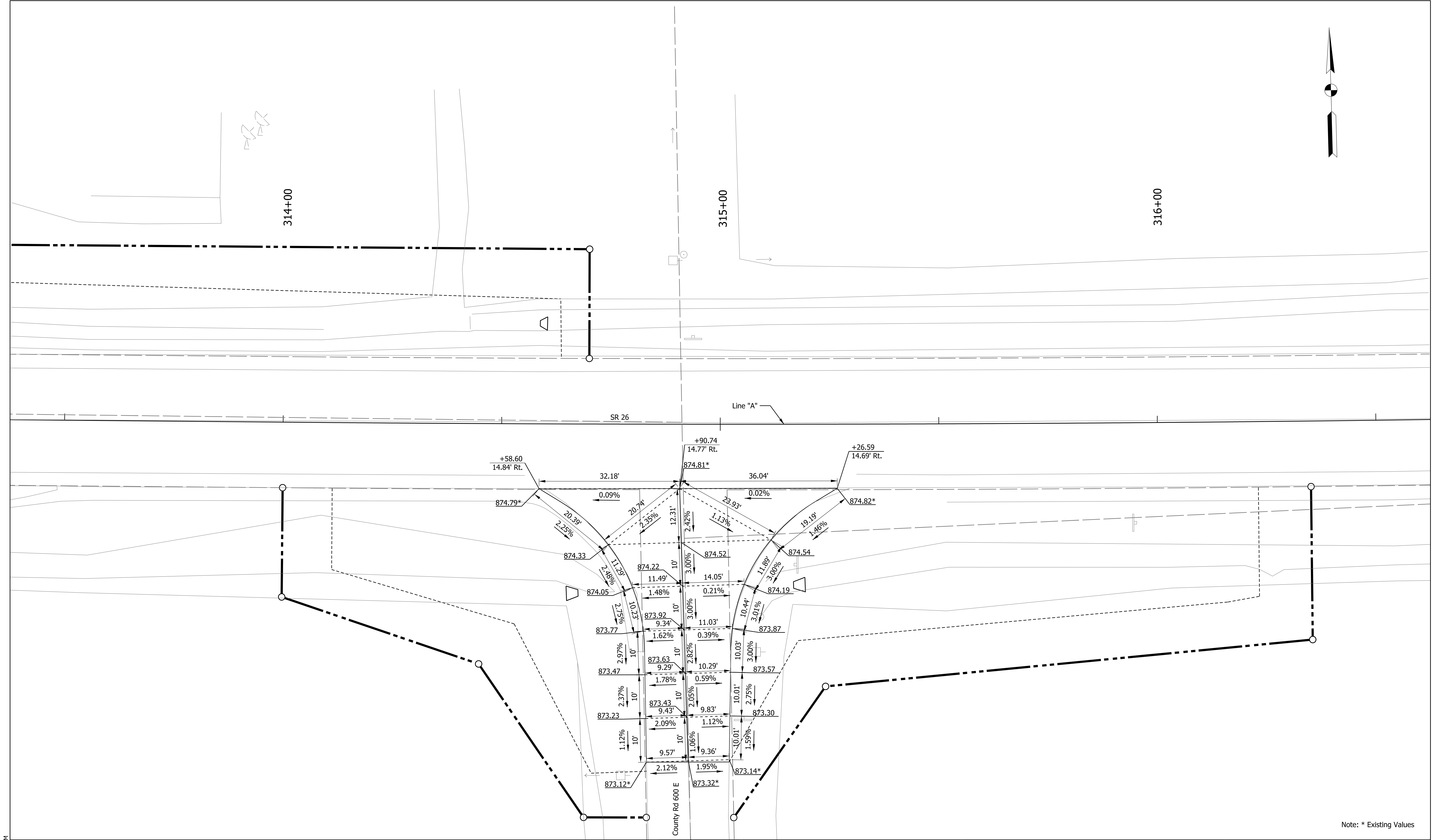
STAGE 2	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 10'	BRIDGE FILE N/A
	DESIGNED: MLB Dec 2024	DRAWN: MLB Dec 2024	SPOT ELEVATION DETAILS SR 26 & COUNTY ROAD 362 E INTERSECTION			DESIGNATION 2200521
	CHECKED: KMS Dec 2024	CHECKED: KMS Dec 2024			SURVEY BOOK ELECTRONIC	SHEETS 29 of 61
					CONTRACT R-44578	PROJECT 2200521



Note: * Existing Values

Plot: 12/20/2024 10:02 PM

STAGE 2	RECOMMENDED FOR APPROVAL _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 10'		BRIDGE FILE N/A	
	DESIGN ENGINEER _____		DATE _____				DESIGNATION 2200521	
	DESIGNED: __MLB____ Dec 2024		DRAWN: __MLB____ Dec 2024				SURVEY BOOK ELECTRONIC	
	CHECKED: __KMS____ Dec 2024		CHECKED: __KMS____ Dec 2024				SHEETS 30 of 61	
			SPOT ELEVATION DETAILS SR 26 & COUNTY ROAD 500 E INTERSECTION		CONTRACT R-44578		PROJECT 2200521	



Note: * Existing Values

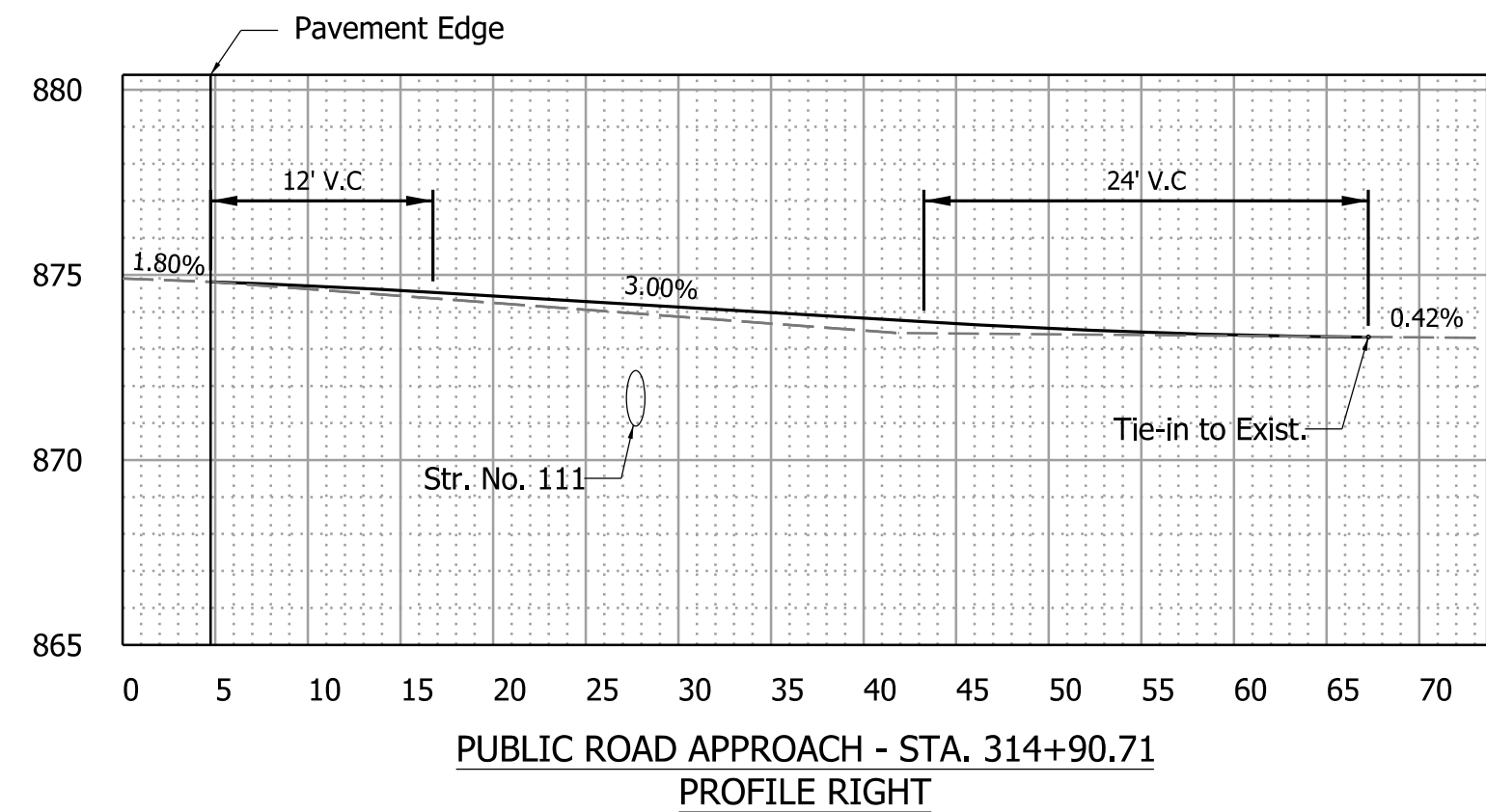
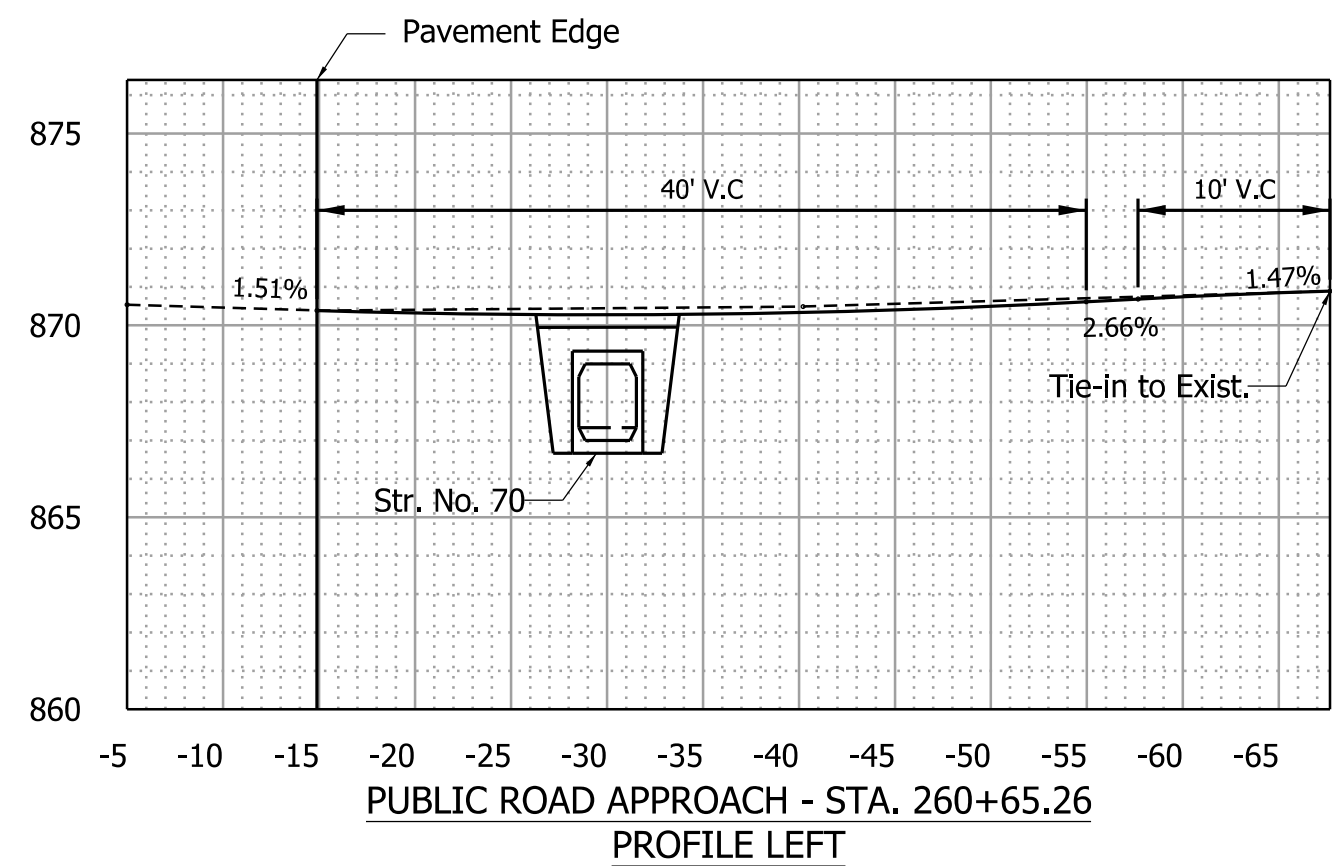
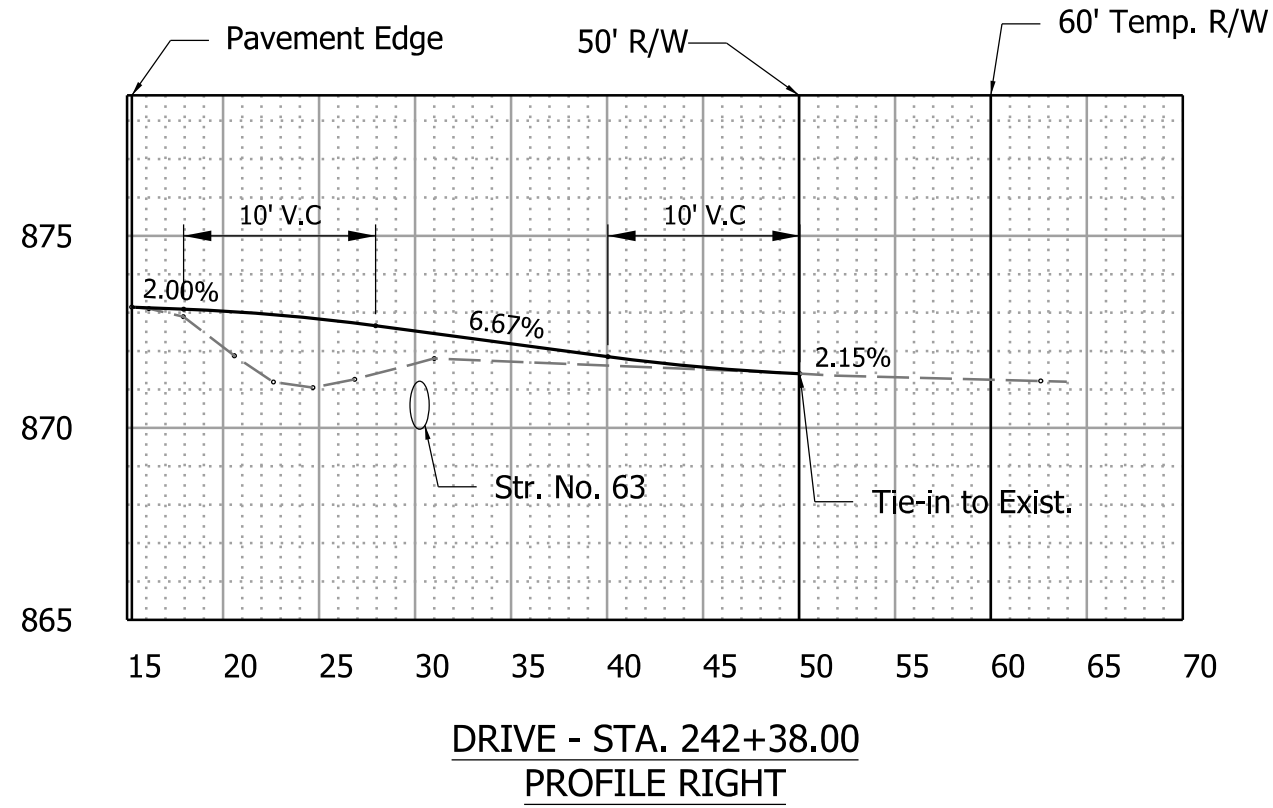
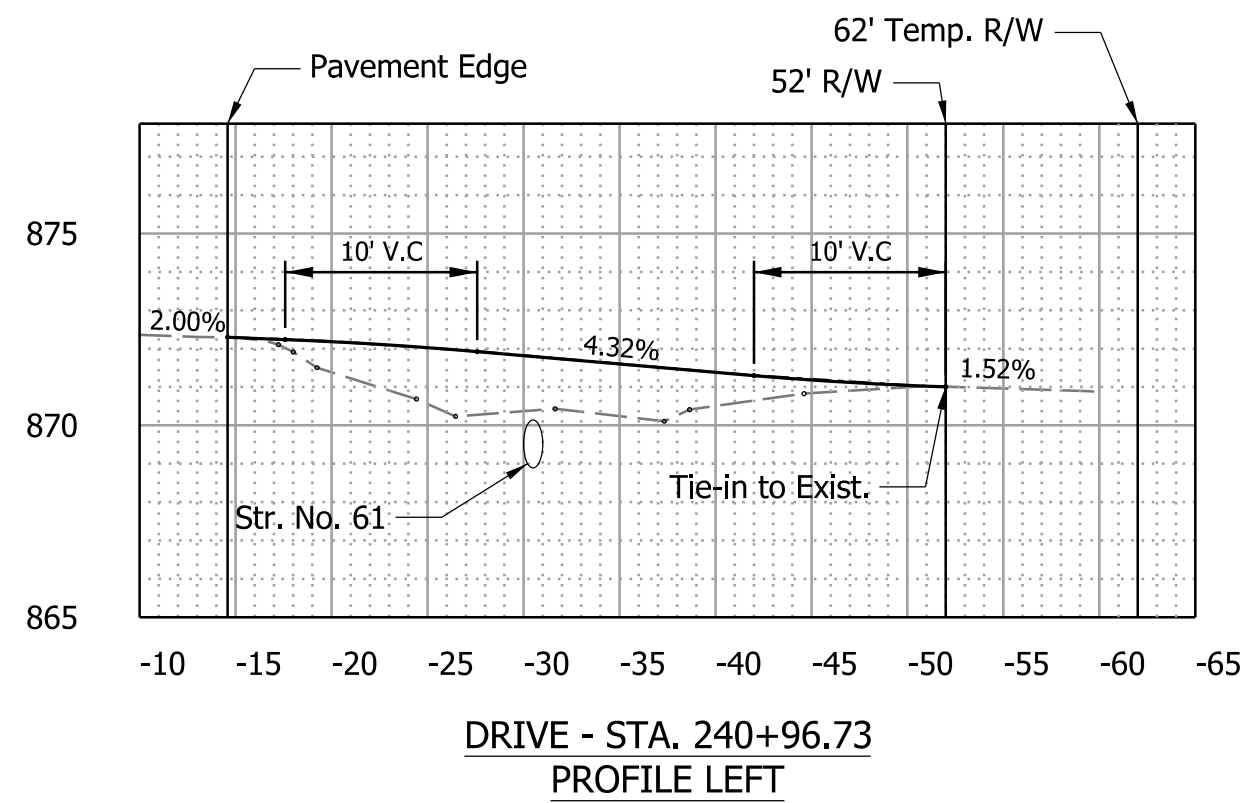
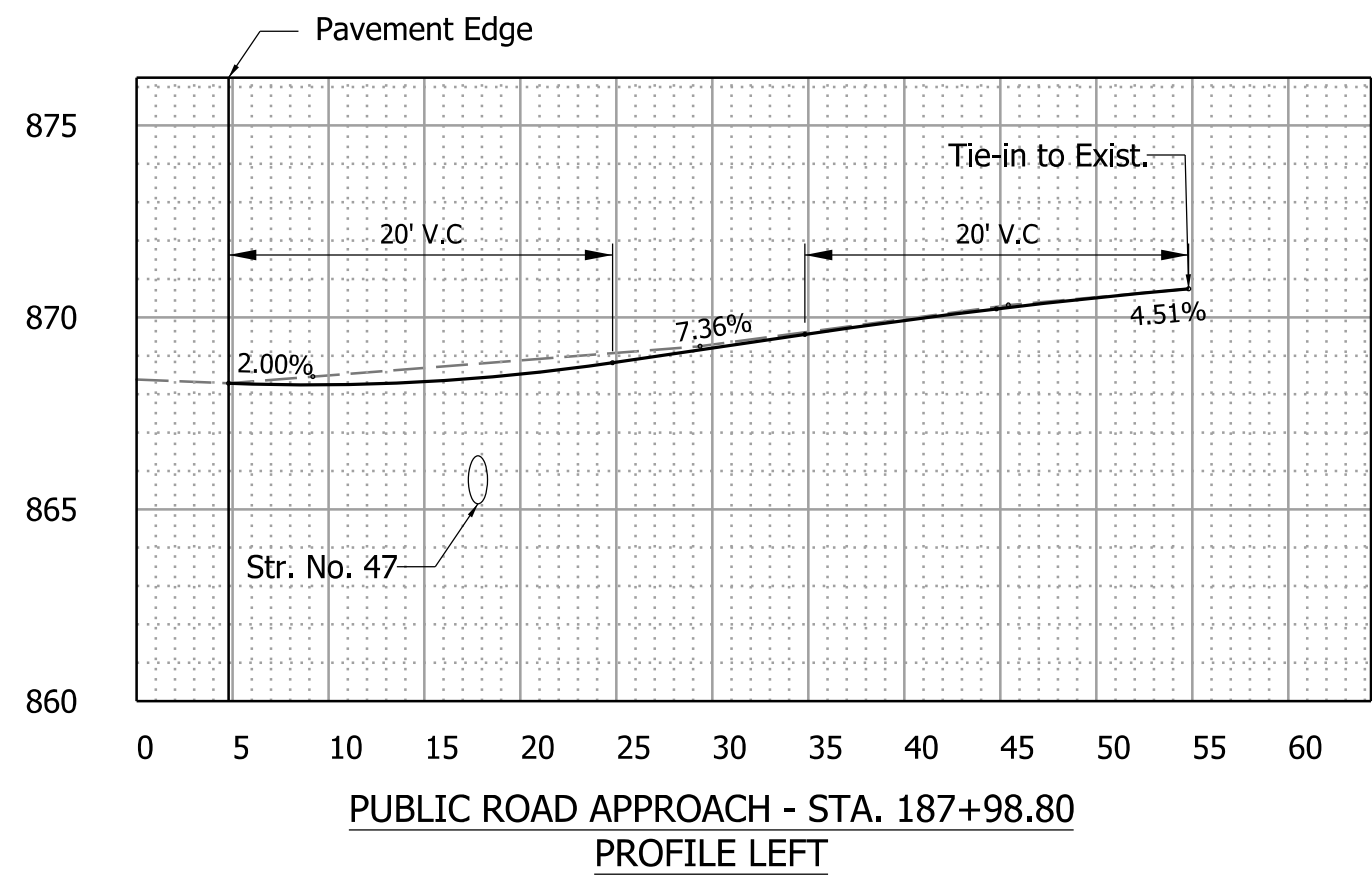
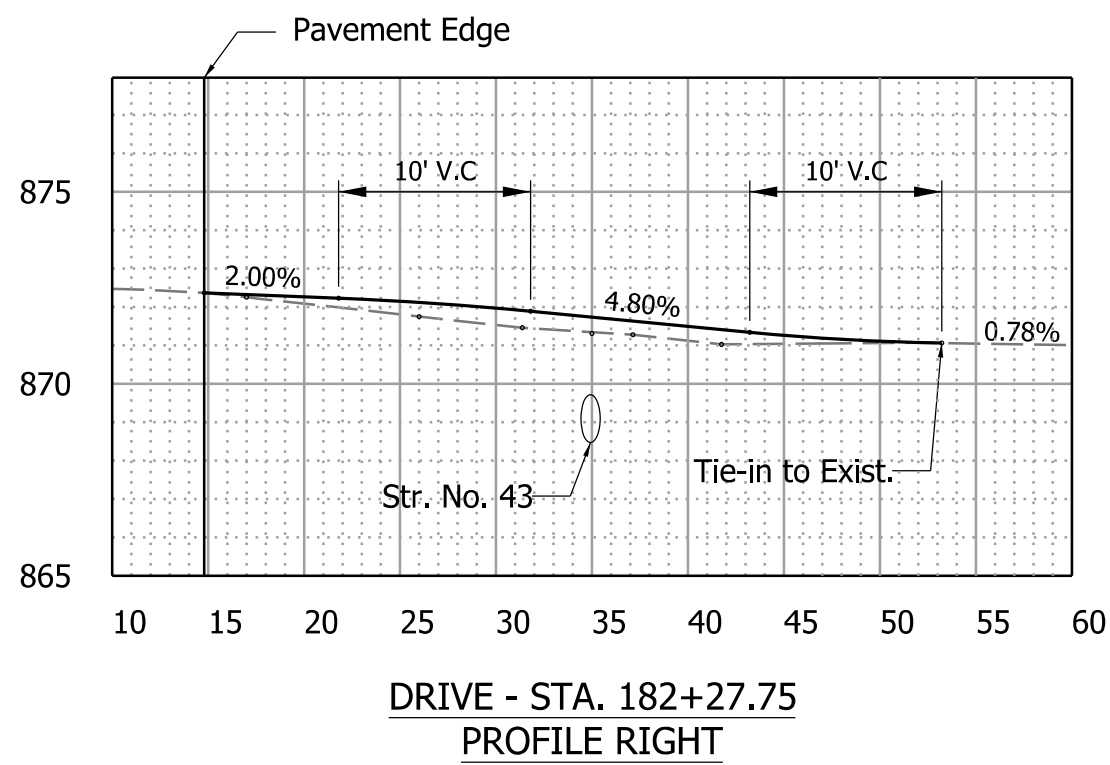
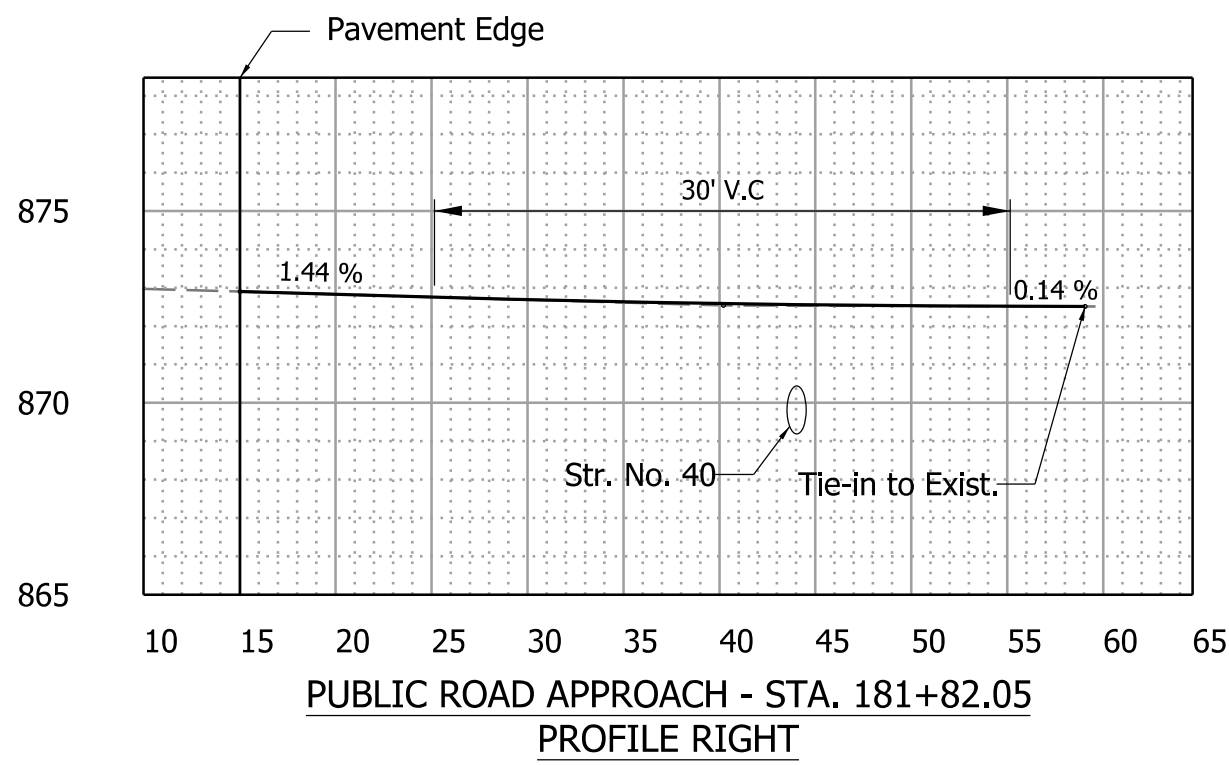
Plot: 12/20/2024 10:02 PM

STAGE 2

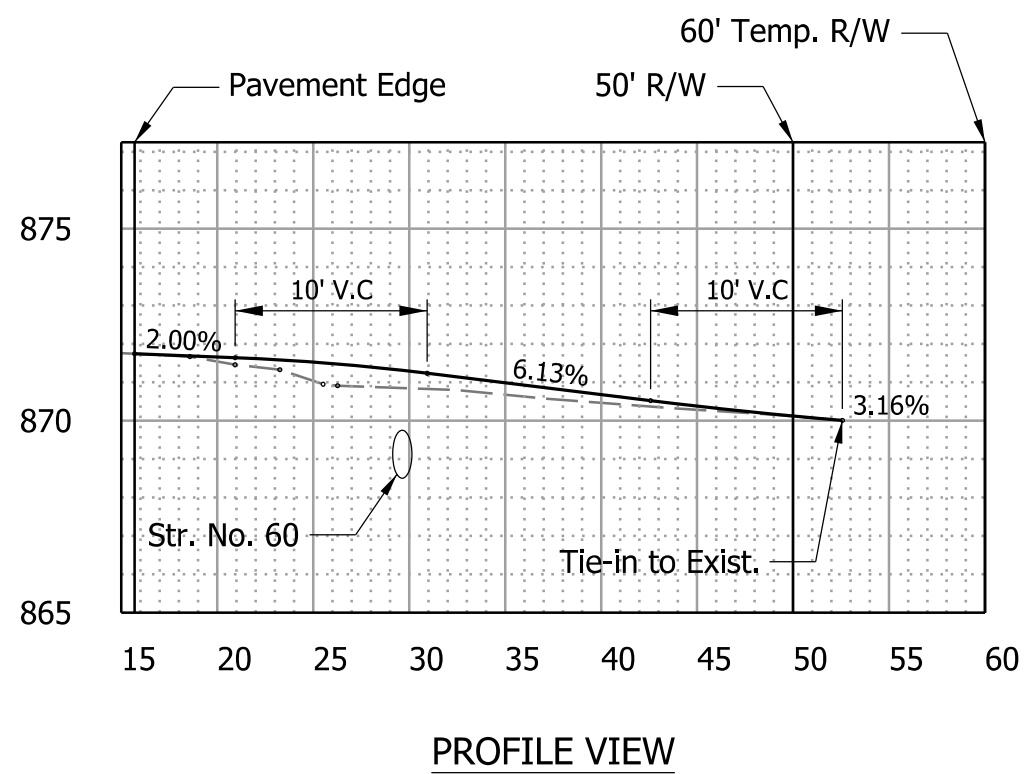
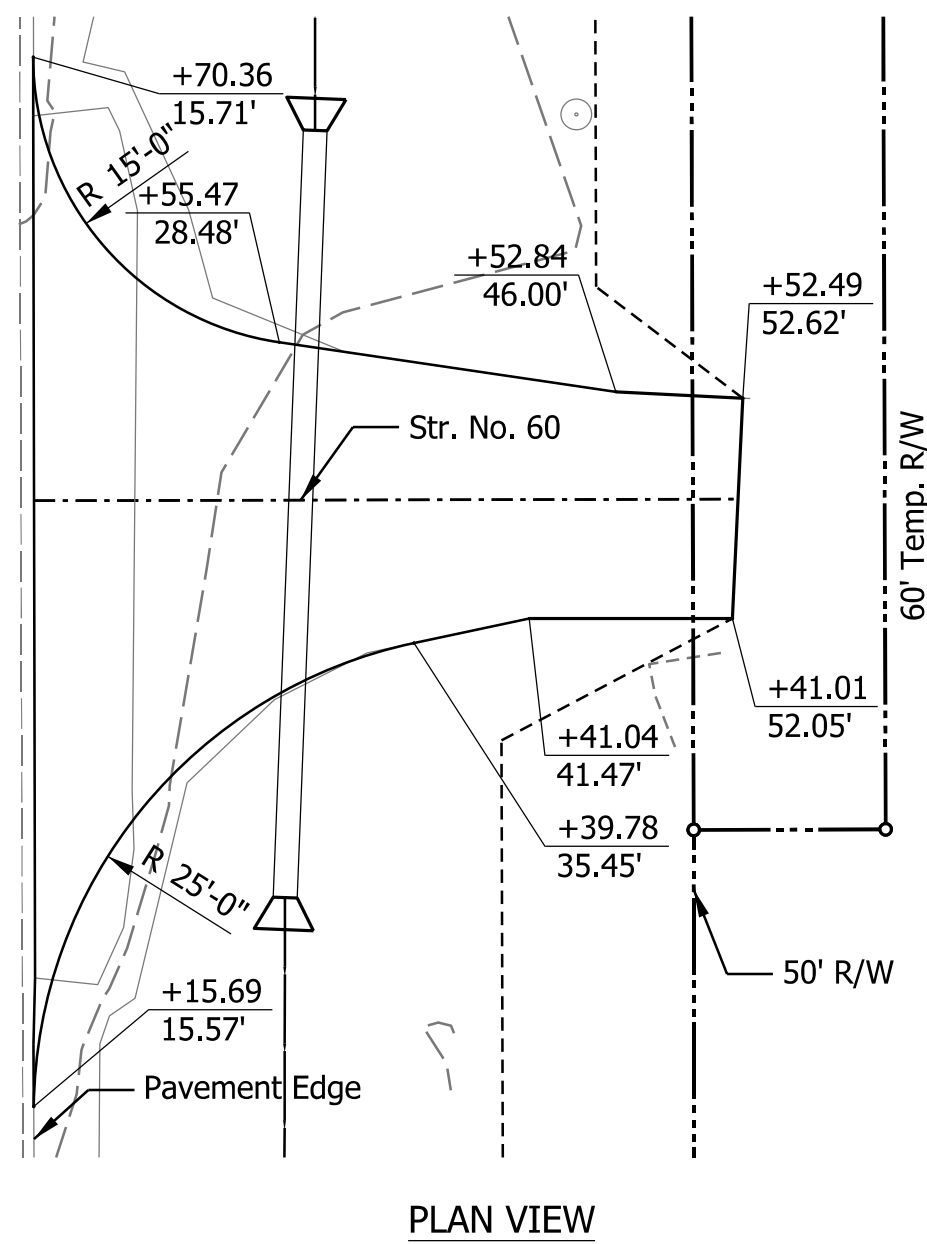
RECOMMENDED FOR APPROVAL _____			
DESIGN ENGINEER		DATE	
DESIGNED: MLB	Dec 2024	DRAWN: MLB	Dec 2024
CHECKED: KMS	Dec 2024	CHECKED: KMS	Dec 2024

INDIANA DEPARTMENT OF TRANSPORTATION	
SPOT ELEVATION DETAILS SR 26 & COUNTY ROAD 600 E INTERSECTION	

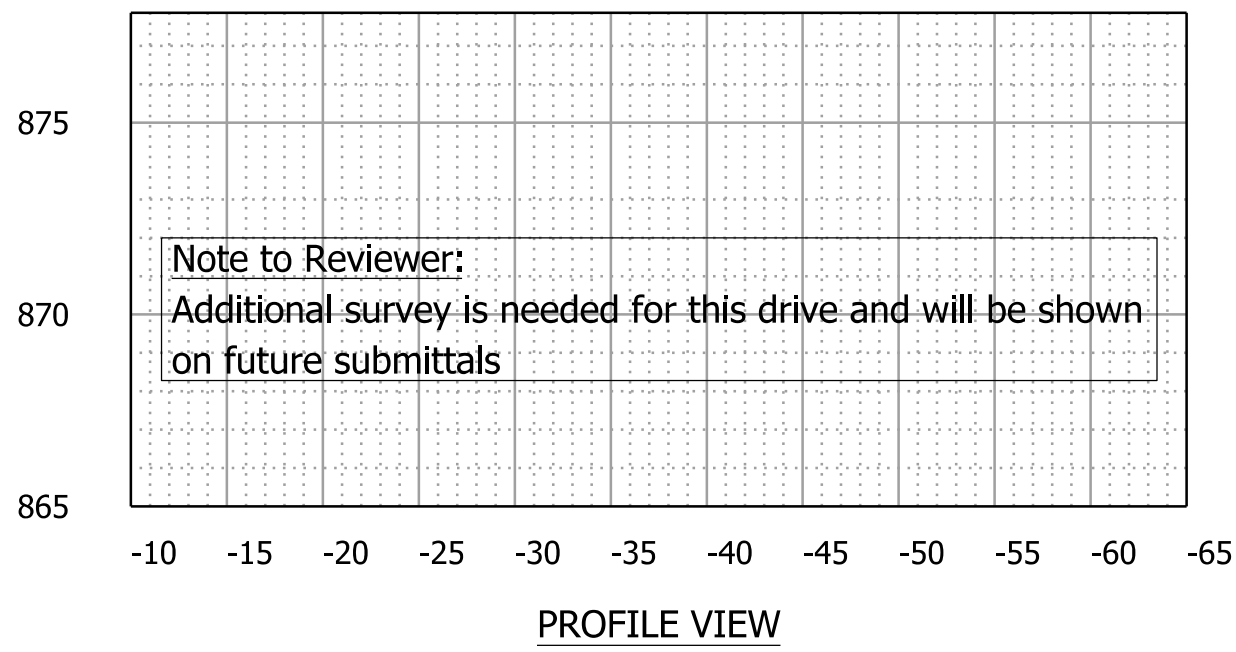
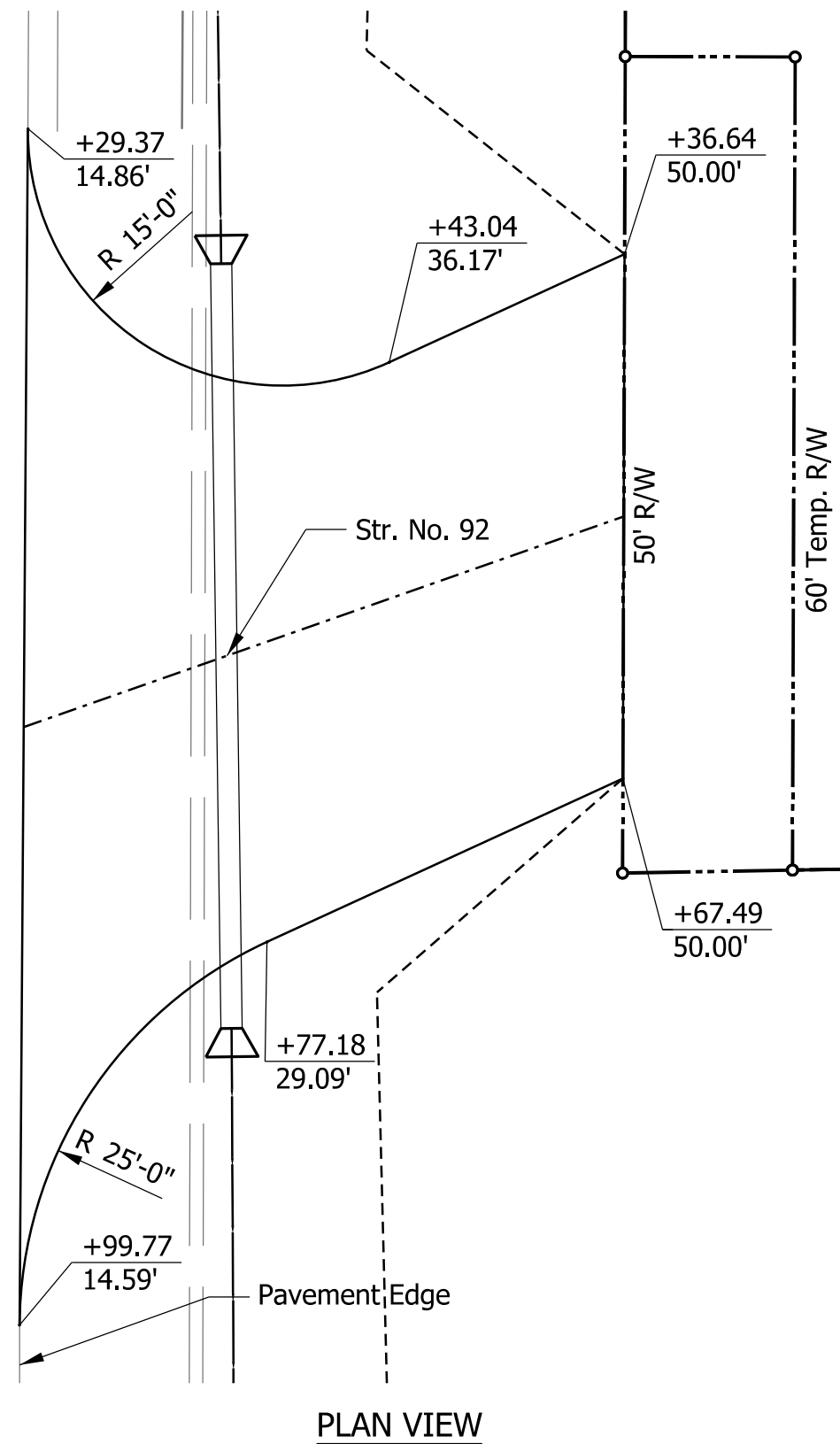
SCALE 1" = 10'	BRIDGE FILE N/A	
	DESIGNATION 2200521	
SURVEY BOOK ELECTRONIC	31	of 61
CONTRACT R-44578	PROJECT 2200521	



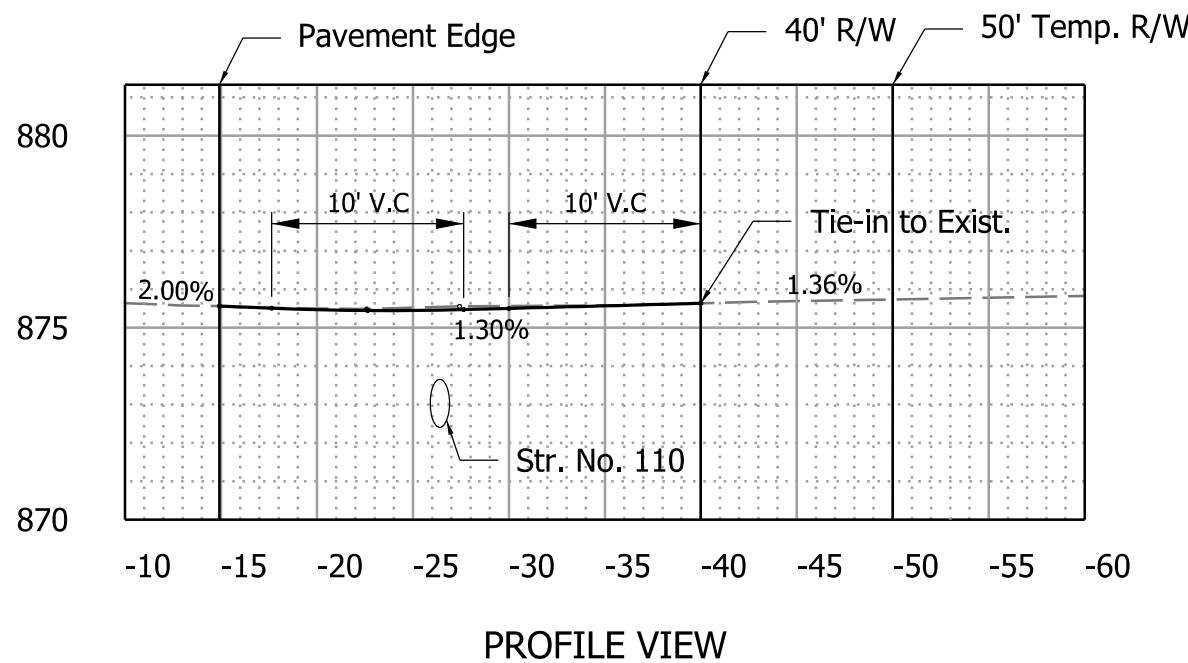
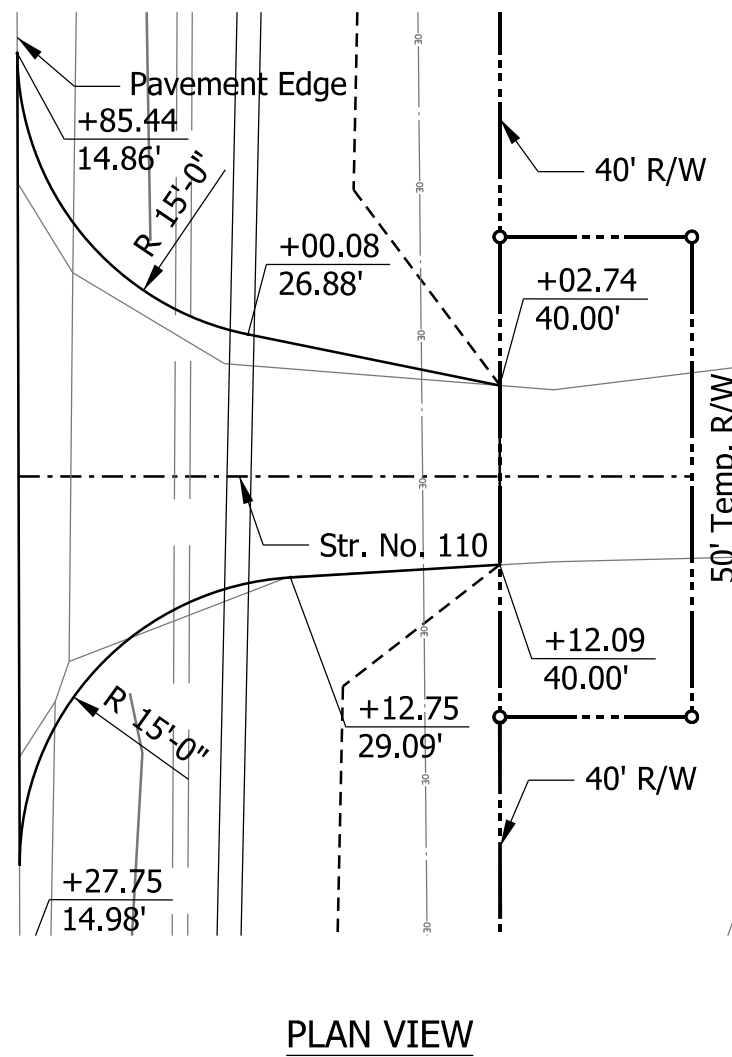
DRIVE - STA. 240+46.48



DRIVE - STA. 300+52.07



DRIVE - STA. 313+07.42



STAGE 2

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: <u>MLB</u> Dec 2024	DRAWN: <u>MLB</u> Dec 2024	
CHECKED: <u>KMS</u> Dec 2024	CHECKED: <u>KMS</u> Dec 2024	

INDIANA
DEPARTMENT OF TRANSPORTATION

APPROACH DETAILS

SCALE 1"=10'	BRIDGE FILE N/A
	DESIGNATION 2200521
SURVEY BOOK ELECTRONIC	SHEETS 32 of 61
CONTRACT R-44578	PROJECT 2200521

Plot: 12/20/2024 10:02 PM

Plot: 12/20/2024 10:02 PM

R/W MARKER & MONUMENT TABLE									
STATION	LINE	OFFSET	Lt/Rt	R/W MARKER	MONUMENT				REMARKS
					A	B	C	D	
92+25.00	"A"	CL			1				Begin Project
322+25.00	"A"	CL			1				End Project
92+02.96	"A"	14.00	Lt	1					Install Flush with Ground
92+02.98	"A"	40.00	Rt	1					
92+05.00	"A"	15.70	Lt	1					Install Flush with Ground
92+05.00	"A"	40.00	Lt	1					
92+55.00	"A"	15.65	Lt	1					Install Flush with Ground
92+55.00	"A"	40.00	Lt	1					
92+55.00	"A"	14.00	Rt	1					Install Flush with Ground
92+55.00	"A"	40.00	Rt	1					
102+70.00	"A"	15.00	Lt	1					Install Flush with Ground
102+70.00	"A"	40.00	Lt	1					
102+70.00	"A"	15.00	Rt	1					Install Flush with Ground
102+70.00	"A"	40.00	Rt	1					
103+20.00	"A"	15.00	Lt	1					Install Flush with Ground
103+20.00	"A"	40.00	Lt	1					
103+20.00	"A"	15.00	Rt	1					Install Flush with Ground
103+20.00	"A"	40.00	Rt	1					
152+55.00	"A"	17.50	Lt	1					Install Flush with Ground
152+55.00	"A"	40.00	Lt	1					
152+55.00	"A"	12.50	Rt	1					Install Flush with Ground
152+55.00	"A"	40.00	Rt	1					
153+05.00	"A"	17.50	Lt	1					Install Flush with Ground
153+05.00	"A"	40.00	Lt	1					
153+05.00	"A"	12.50	Rt	1					Install Flush with Ground
153+05.00	"A"	40.00	Rt	1					
181+05.00	"A"	15.00	Rt	1					Install Flush with Ground
181+05.00	"A"	44.00	Rt	1					
181+25.00	"A"	65.00	Rt	1					
181+63.70	"A"	80.00	Rt	1					
181+71.31	"A"	80.00	Rt	1					
181+91.25	"A"	80.00	Rt	1					
181+94.35	"A"	90.00	Lt	1					
182+10.00	"A"	90.00	Lt	1					
182+10.00	"A"	80.00	Rt	1					
182+40.00	"A"	65.00	Rt	1					
183+55.00	"A"	15.00	Lt	1					Install Flush with Ground
183+55.00	"A"	45.00	Lt	1					
184+06.68	"A"	65.00	Rt	1					
184+07.38	"A"	40.00	Rt	1					
187+00.00	"A"	15.00	Lt	1					Install Flush with Ground
187+00.00	"A"	40.00	Lt	1					
187+95.00	"A"	80.00	Lt	1					
188+03.87	"A"	80.00	Lt	1					
188+20.20	"A"	80.00	Lt	1					
188+30.00	"A"	80.00	Lt	1					
188+80.00	"A"	40.00	Lt	1					
189+00.00	"A"	15.00	Lt	1					Install Flush with Ground
189+00.00	"A"	40.00	Lt	1					
201+30.00	"A"	15.00	Lt	1					Install Flush with Ground
201+30.00	"A"	40.00	Lt	1					
201+30.00	"A"	15.00	Rt	1					Install Flush with Ground
201+30.00	"A"	40.00	Rt	1					
201+80.00	"A"	15.00	Lt	1					Install Flush with Ground
201+80.00	"A"	40.00	Lt	1					
201+80.00	"A"	15.00	Rt	1					Install Flush with Ground
239+45.00	"A"	15.00	Rt	1					
239+45.00	"A"	50.00	Rt	1					Install Flush with Ground
239+74.00	"A"	14.50	Lt	1					

R/W MARKER & MONUMENT TABLE									
STATION	LINE	OFFSET	Lt/Rt	R/W MARKER	MONUMENT				REMARKS
					A	B	C	D	
239+74.00	"A"	52.00	Lt	1					
243+15.00	"A"	15.00	Rt	1					Install Flush with Ground
243+15.00	"A"	50.00	Rt	1					
243+35.00	"A"	14.50	Lt	1					Install Flush with Ground
243+35.00	"A"	52.00	Lt	1					
259+62.00	"A"	15.00	Lt	1					Install Flush with Ground
259+62.00	"A"	44.00	Lt	1					
260+52.98	"A"	80.00	Lt	1					
260+72.98	"A"	80.00	Lt	1					
261+10.00	"A"	60.00	Lt	1					
262+50.00	"A"	15.00	Rt	1					Install Flush with Ground
262+50.00	"A"	34.00	Rt	1					
263+50.00	"A"	15.00	Rt	1					Install Flush with Ground
263+50.00	"A"	34.00	Rt	1					
268+50.00	"A"	60.00	Lt	1					
268+78.30	"A"	40.00	Lt	1					
269+82.00	"A"	15.00	Rt	1					Install Flush with Ground
269+82.00	"A"	40.00	Rt	1					
270+32.00	"A"	15.00	Lt	1					Install Flush with Ground
270+32.00	"A"	40.00	Lt	1					
270+32.00	"A"	15.00	Rt	1					Install Flush with Ground
270+32.00	"A"	40.00	Rt	1					
297+98.00	"A"	15.00	Lt	1					Install Flush with Ground
297+98.00	"A"	50.00	Lt	1					
297+98.00	"A"	15.00	Rt	1					Install Flush with Ground
297+98.00	"A"	44.00	Rt	1					
298+48.00	"A"	15.00	Rt	1					Install Flush with Ground
298+48.00	"A"	44.00	Rt	1					
300+25.00	"A"	50.00	Lt	1					
300+25.00	"A"	60.00	Lt	1					
300+73.06	"A"	50.00	Lt	1					
300+72.85	"A"	60.00	Lt	1					
300+72.74	"A"	65.00	Lt	1					
307+52.00	"A"	15.00	Rt	1					Install Flush with Ground
307+52.00	"A"	40.00	Rt	1					
308+02.00	"A"	15.00	Rt	1					Install Flush with Ground
308+02.00	"A"	40.00	Rt	1					
312+75.00	"A"	40.00	Lt	1					
312+75.00	"A"	60.00	Lt	1					
314+00.00	"A"	15.00	Rt	1					Install Flush with Ground
314+00.00	"A"	40.00	Rt	1					
314+45.00	"A"	55.00	Rt	1					
314+69.00	"A"	90.00	Rt	1					
314+70.00	"A"	15.00	Lt	1					Install Flush with Ground
314+70.00	"A"	40.00	Lt	1					
314+83.26	"A"	90.00	Rt	1					
315+02.59	"A"	90.00	Rt	1					
315+24.00	"A"	60.00	Rt	1					
316+35.00	"A"	15.00	Rt	1					Install Flush with Ground
316+35.00	"A"	50.00	Rt	1					
321+95.00	"A"	15.00	Lt	1					Install Flush with Ground
321+95.00	"A"	40.00	Lt	1					
321+95.00	"A"	15.00	Rt	1					Install Flush with Ground
321+95.00	"A"	45.00	Rt	1					
322+45.00	"A"	15.00	Lt	1					Install Flush with Ground
322+45.00	"A"	40.00	Lt	1					
322+45.00	"A"	15.00	Rt	1					Install Flush with Ground
322+45.00	"A"	45.00	Rt	1					
TOTALS				116		2			

PAVEMENT MARKING TABLE						
LOCATION		LINE, MULTI-COMPONENT, SOLID, WHITE, 6 IN.	LINE, MULTI-COMPONENT, SOLID, YELLOW, 6 IN.	LINE, MULTI-COMPONENT, BROKEN, YELLOW, 6 IN.	STOP LINE, SOLID, WHITE, 24 IN.	SNOWPLOWABLE RAISED PAVEMENT MARKER
FROM STATION	TO STATION					
		LFT	LFT	LFT	LFT	COUNT
Line "A"						
92+15	92+45	60	60	0		1
102+80	103+10	60	30	7.5		1
152+65	152+95	60	0	7.5		1
183+15	183+45	60	60	0		1
201+40	201+70	60	60	0		1
269+92	270+22	60	0	7.5		1
298+08	298+38	60	30	7.5		1
307+62	307+92	60	0	7.5		1
322+05	322+35	60	30	7.5		1
PRA	181+81				12	
PRA	188+00				23	
PRA	260+65				12	
PRA	314+91				12	
TOTALS		540	270	45	59	9

PERMANENT SEEDING & FERTILIZER SUMMARY TABLE						
LOCATION		SEED MIXTURE, TYPE R	MULCHING MATERIAL	FERTILIZER	PLANT GROWTH LAYER	EROSION CONTROL BLANKET
FROM STATION	TO STATION					
Line "A"						
92+25.00	322+25.00	574	5.7	1.2		
TOTALS		574	5.7	1.2		

PAVED SIDE DITCH, RIPRAP DITCH, AND SODDING SUMMARY TABLE																					
LOCATION					PAVED SIDE DITCH							RIPRAP DITCH			SODDING						NURSERY SODDING FOR LAWNS
FROM STATION	TO STATION	LEFT	MEDIAN	RIGHT	ACTUAL LENGTH	CUT OFF WALLS (8' EQUIVAL. LENGTH EACH)	LUGS (8' EQUIVAL. LENGTH EACH)	TOTAL EQUIVALENT PAY LENGTHS					REVETMENT RIPRAP	UNIFORM RIPRAP	GEOTEXTILE FOR RIPRAP, TYPE 1A	FOR PAVED SIDE DITCHES	FOR DITCHES	FOR MEDIAN	FOR GRADE BREAK	SODDING AT BRIDGE CONE	
								TYPE													
259+73.00	260+13.00	X			40									13	23		50				
TOTALS														13	23		50				

STAGE 2

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____	
DESIGNED: MLB	Dec 2024	DRAWN: MLB	Dec 2024		
CHECKED: KMS	Dec 2024	CHECKED: KMS	Dec 2024		

INDIANA
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE		BRIDGE FILE	
1/4" = 1'-0"		N/A	
		DESIGNATION	
		2200521	
SURVEY BOOK		SHEETS	
ELECTRONIC		33	61
CONTRACT		PROJECT	
R-44578		2200521	

Plot: 12/30/2024 10:03 PM

STRUCTURE DATA																																				
STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	SKEW	COVER		FLOWLINE		SUMP DEPTH	SERVICE LIFE	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 2	STRUCTURE BACKFILL TYPE 5	SCOUR PROTECTION				GRATED BOX END SECTION			SAFETY METAL END SECTION			PIPE END SECTION	PRESENT STRUCTURE, REMOVE	CULVERT ASSET ID	REMARKS	
	STATION	LEFT	RIGHT	CROSS	OFFSET		PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE			MIN	MAX	UP STREAM	DOWN STREAM								COMPACTED AGGREGATE, NO. 08	GEOTEXTILE FOR PAVEMENT, TYPE 2B	GEOTEXTILES FOR RIPRAP TYPE 1A	GEOTEXTILES FOR RIPRAP TYPE 2A											UNIFORM RIPRAP
																										FT	IN	LFT	FT	FT	ELEV.					
Str. No. 10	92+30.62			X		15	1	Smooth Circular Pipe	46	0	0.72	1.15	870.84	870.44		50	A	7	1	14			38	3			3				4:1	2		1	CLV-34670	
Str. No. 20	102+96.65			X		18	1	Smooth Circular Pipe	48	0	1.34	1.81	866.07	865.70		50	A	7	1	22			38	4			3				4:1	2		1	CLV-34676	
Str. No. 30	152+81.92			X		18	1	Smooth Circular Pipe	53	0	0.72	1.04	874.31	874.18		50	A	7	1	15			38	4			3				4:1	1	1	1	CLV-34684	
Str. No. 40	181+81.05		X		43.98	15	1	Smooth Circular Pipe	49		1.00	1.25	869.50	868.94		50	A	7	2	8					3			3								
Str. No. 41E	181+81.49		X			12		Exist. 12" Pipe																												
Str. No. 42E	181+84.84	X				12		Exist. 12" Pipe					868.83	868.17											2			2							CLV-34686	Grout and Abandon in Place Existing Pipe to Remain
Str. No. 43	182+25.26		X			15	3	Drive Pipe Circular Pipe	20		1.00	1.25	868.64	868.31		50	A	7	2	5					3			3			4:1	2				
Str. No. 44	183+30.00			X		30	1	Smooth Circular Pipe	70	0	1.52	1.98	866.60	865.90		50	A	7	1	45			38	12			9				4:1	1	1	1	CLV-34694	
Str. No. 45	183+72.01		X			18	2	Pipe Extension	20				866.00	865.09		50	A	7													4:1	2				
Str. No. 45E	183+72.01		X					Existing 18" Pipe																												Existing Pipe to Remain Existing Pipe to Remain
Str. No. 46E	187+30.78							Exist. Inlet, Type E7 & RCP					865.05	860.70																						
Str. No. 47	188+01.27	X				15	1	Smooth Circular Pipe	124		1.00	1.30	866.33	863.97		50	A	7	2	17					3			3						1	CLV-34702	
Str. No. 50	201+54.50			X		15	1	Smooth Circular Pipe	46	0	1.26	1.67	857.43	857.20		50	A	7	1	18			38	3			3				4:1	2		1	CLV-34708	
Str. No. 60	240+46.52		X			15	3	Drive Pipe Circular Pipe	40		1.00	1.00	868.60	868.40		50	A	7	2	5											4:1	2				
Str. No. 61	240+98.35	X				15	3	Drive Pipe Circular Pipe	30		1.00	1.00	869.00	868.80		50	A	7	2	4											4:1	2				
Str. No. 62E	241+32.82			X		15		Existing 15" Pipe																												Grout and Abandon in Place
Str. No. 63	242+37.86		X			15	3	Drive Pipe Circular Pipe	43		1.00	1.10	870.12	869.80		50	A	7	2	7											4:1	2				
Str. No. 70	260+64.77	X				36x24		Precast Box Culvert	101		0.15	0.61	867.60	867.08	4	50	A	7		12	37	7		16	53	17		2	6:1	2			1	CLV-34730	Existing Pipe to be Replaced with RCB	
Str. No. 71E	263+02.64			X		18	1	Existing 18" Pipe																												Grout and Abandon in Place
Str. No. 80	269+97.67	X			23.08	18	1	Inlet, Type F7	162				866.79	864.42		50	A	7															1			Existing 18" & 24" Pipe to Remain
Str. No. 81	270+07.96			X		18	1	Smooth Circular Pipe	49	0	1.00	1.25	867.75	867.58		50	A	7	1	18			38	4			3				4:1	1	1	1	CLV-34722	
Str. No. 82E	271+00.70	X				18		Existing 18" Pipe																												Existing Pipe to Remain
Str. No. 90	298+22.81			X		18	1	Smooth Circular Pipe	49	0	1.00	1.42	873.73	873.54		50	A	7	1	19			38	4			3				4:1	1	1	1	CLV-34738	
Str. No. 91E	299+18.69	X				10		Existing 10" Pipe																												Grout and Abandon in Place
Str. No. 92	300+59.76	X				15	3	Drive Pipe Circular Pipe	45		1.00	1.00	873.33	873.32		50	A	7	2	7										4:1	2					
Str. No. 100	307+76.00			X		18	1	Smooth Circular Pipe	60	0	1.95	2.37	873.57	873.21		50	A	7	1	29			38	4			3				4:1	1	1		CLV-34740	
Str. No. 101E	307+80.50	X						Exist. Catch Basin																										1		Remove Existing Catch Basin & Pipe
Str. No. 102E	307+80.50	X				12		Existing 12" Pipe																												Grout and Abandon in Place
Str. No. 110	313+07.00	X				15	3	Drive Pipe Circular Pipe	190		1.10	1.30	872.70	871.23		50	A	7	2	6										4:1	2					
Str. No. 111	314+91.31		X			18	1	Smooth Circular Pipe	50		1.10	1.30	871.00	870.83		50	A	7	2	9					4		3				4:1	2		1	CLV-34746	
Str. No. 120	322+20.41			X		18	1	Smooth Circular Pipe	52	0	2.50	2.83	867.39	867.38		50	A	7	1	34			38	4			3				4:1	2		1	CLV-34748	
TOTAL																				294			341	73		47			2			31	6	12		

PAVEMENT QUANTITIES AND APPROACH TABLE																												
LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADI	DISTANCE BEYOND R/W/LINE	EARTHWORK					HMA FOR ROADS			JOINT ADHESIVE, SURFACE	JOINT ADHESIVE, INTERMEDIATE	ASPHALT FOR TACK COAT	MILLING, ASPHALT, 1 1/2 IN.	HMA FOR APPROACHES, TYPE B		SUBGRADE TREATMENT, TYPE II	COMPACTED AGGREGATE NO. 53		SUBGRADE TREATMENT TYPE IC					
						EXCAVATION, COMMON	FILL + 25%	EXCAVATION, FOUNDATION, UNCLASSIFIED (EST. QTY.)	BENCHING (EST. QTY)	WASTE	QC/QA-HMA, 3, 58H, SURFACE, 9.5 mm	QC/QA-HMA, 3, 58H, INTERMEDIATE, 19.0 mm	QC/QA-HMA, 3, 58S, BASE, 25.0 mm					SURFACE	INTERMEDIATE		SURFACE	INTERMEDIATE						
																								LBS PER SYD			LBS PER SYD	
																								165	275	880	165	275
																								TON	TON	TON	LFT	LFT
		FT	FT	FT		CYS	CYS	CYS	CYS	CYS	TON	TON	TON	LFT	LFT	SYS	SYS	TON	TON	SYS	CYS	TONS	SYS					
Line "A"								33.0	175.0	33.0																		
92+30.62						13.5	3.4			33.0	10.1	8.3	4.6	15.1	90.0	30.0	134.1	67.0				18.1	38.0					
102+96.65						14.0	0.9				13.1	8.3	4.7	15.2	90.0	30.0	134.5	67.0				18.1	37.9					
152+81.92						15.9	0.2				15.7	8.4	4.7	15.3	90.0	30.0	135.6	68.0				18.1	38.1					
183+30.00						12.7	0.3				12.4	8.4	4.7	15.3	90.0	30.0	135.6	68.0				18.1	38.1					
201+54.50						13.9	0.0				13.9	8.2	4.6	15.0	90.0	30.0	133.0	67.0				18.1	37.5					
270+07.96						14.9	0.6				14.3	8.3	4.6	15.1	90.0	30.0	134.1	67.0				18.1	37.8					
298+22.81						13.9	1.0				12.9	8.3	4.7	15.2	90.0	30.0	134.5	67.0				18.1	37.9					
307+76.00						14.0	7.1				7.0	8.3	4.6	15.1	90.0	30.0	133.8	67.0				18.1	37.7					
322+20.41						14.2	3.5				10.7	8.3	4.7	15.2	90.0	30.0	135.2	68.0				18.1	38.1					
Ditches Line "A"						1,771.0	181.4			1,589.6																		
181+82.05 "A" County Road 350 E																	339.2		14.0	23.3	169.6	28.3						
182+27.75 "A" Drive	Modified Class II Dr.	9'	38.60'	-	-												128.3		5.3	8.8	64.1	10.7						
187+98.80 "A" County Road 362 E																	646.7		26.7	44.5	323.3	53.9						
240+46.48 "A" Drive	Modified Class II Dr.	12'	36.65'	25', 15'	3'												152.0		6.3	10.4	76.0	12.7						
240+96.73 "A" Drive	Class II Dr.	12'	37.40'	15', 25'	-												140.5		5.8	9.7	70.3	11.7						
242+38.00 "A" Drive	Class V Dr.	24'	34.80'	25', 25'	-																122.7	20.5	83.0					
260+65.26 "A" County Road 500 E																	552.9		22.8	38.0	276.5	46.1						
300+52.07 "A" Drive	Modified Class II Dr.	31'	35.05'	15', 25'	-												280.0		11.6	19.3	140.0	23.3						
313+07.42 "A" Drive	Modified Class II Dr.	10'	25.00'	15', 15'	-												86.4		3.6	5.9	43.2	7.2						
314+90.71 "A" County Road 600 E																	386.9		16.0	26.6	193.4	32.2						
Total						1900	200	33	175	1733	75	42	137	810	270		3923	606	112	187	1480	247	246	342				