DESIGNATION
2000607
CONTRACT
R-43027

CULVERT ASSETS		
DES. NO.	CULVERT ASSET ID	WORK TYPE
2000607	CLV 012-064-37.05	Replacement

KIN PROJECT INFORMATION	
DESIGNATION	PROJECT DESCRIPTION
2000607 (Lead)	HMA Overlay, Preventative Maintanence
2100844	Small Structure Replacement
2101096	Small Structure Replacement
2500075	Traffic Signal Modernization

INDIANA DEPARTMENT OF TRANSPORTATION

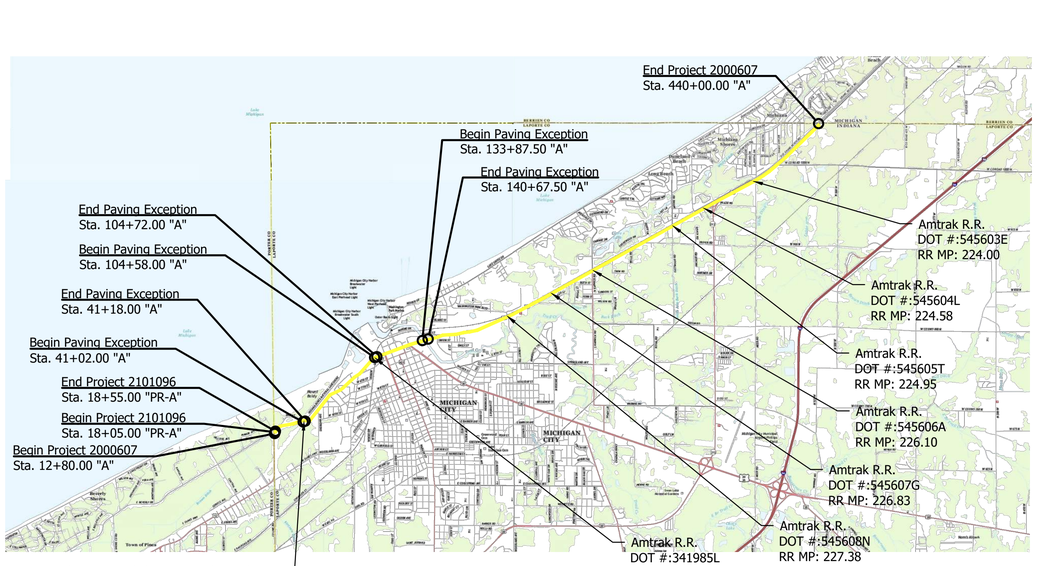
ROAD PLANS

ROUTE: U.S. 12

FROM: RP 37+34 TO: RP 45+16

DESIGNATION NO. 2000607

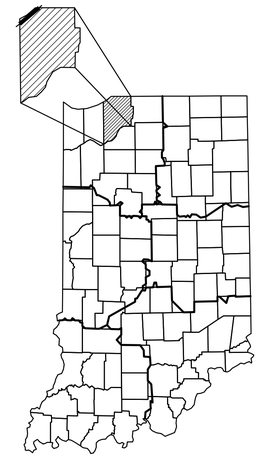
HMA Overlay, Preventive Maintenance From Porter/La Porte County Line to Michigan State Line and
Small Structure Replacement on U.S. 12, Over Kintzele Ditch, 1.93 Mi. W Jct. U.S. 421
in Sections 7 and 18, T-38-N, R-3-W, Springfield Township
and Sections 13-14, 21-23, 28-31, T-38-N, R-4-W, Michigan Township, La Porte County, Indiana



LOCATION MAP
LA PORTE COUNTY

TRAFFIC DATA		U.S. 12 - West Project Limit to Wabash Ave.	U.S. 12 - Wabash Ave. to Blue Chip Dr.	U.S. 12 - Blue Chip Dr. to Michigan State Line
A.A.D.T.	(2024)	6,626 V.P.D.	10,741 V.P.D.	7,454 V.P.D.
A.A.D.T.	(2044)	7,004 V.P.D.	11,355 V.P.D.	7,880 V.P.D.
D.H.V	(2044)	679 V.P.H.	997 V.P.H.	761 V.P.H.
DIRECTIONAL DISTRIBUTION		49.69 %	51.87 %	51.34 %
TRUCKS		5.47 % A.A.D.T.	3.66 % A.A.D.T.	7.17 % A.A.D.T.
		5.21 % D.H.V.	4.95 % D.H.V.	7.19 % D.H.V.

DESIGN DATA			
DESIGN SPEED	35-45 MPH	25-35 MPH	35-55 MPH
PROJECT DESIGN CRITERIA	PARTIAL 3R (NON-FREEWAY)	PARTIAL 3R (NON-FREEWAY)	PARTIAL 3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL	PRINCIPAL ARTERIAL	PRINCIPAL ARTERIAL
RURAL/URBAN	URBAN (SUBURBAN)	URBAN (BUILT-UP)	URBAN (SUBURBAN)
TERRAIN	LEVEL	LEVEL	LEVEL
ACCESS CONTROL	NONE	NONE	NONE



PROJECT LOCATION SHOWN BY
LA PORTE COUNTY

SCALE: 1" = 5000'

LATITUDE: 41°43'50"N LONGITUDE: 86°51'48"W

GROSS LENGTH:	7.95 MI.
NET LENGTH:	7.82 MI.
MAX. GRADE:	0.32 %

HUC(S): 040400010601,
04040001070030,
04040001080040,
04040001090020

PUBLIC INVOLVEMENT
NOVEMBER 13, 2025

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2026
TO BE USED WITH THESE PLANS

LFA
LAWSON-FISHER ASSOCIATES P.C.
525 W. WASHINGTON AVENUE
SOUTH BEND, INDIANA 46601
PH. (574) 234-3167

NOT FOR CONSTRUCTION

PLANS PREPARED BY: LAWSON-FISHER ASSOCIATES P.C. 574-234-3167 PHONE NUMBER

CERTIFIED BY: _____ DATE

RECOMMENDED FOR LETTING: _____ INDIANA DEPARTMENT OF TRANSPORTATION DATE

DESIGNATION
2000607
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R-43027

GDH - 11/13/2025 8:13 AM - U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_CS.dwg (TR TITLE)

UTILITIES

UTILITY	OWNER	ADDRESS
CABLE TV-	Comcast North Contact: Larry Smith Phone: (260) 410-3504 Email: larry_smith3@comcast.com	720 Taylor St. Fort Wayne, IN 46802
COMMUNICATIONS -	ACME Communications Contact: William Richey Phone: (219) 879-6600 Email: bwrichey@mse.adsnet.com	618 Franklin St. Michigan City, IN 46360
	AT&T- Distribution Contact: Dennis Protega Phone: (219) 662-4689 Email: dp7986@att.com	302 S East St. Crown Point, IN 46307
ELECTRIC -	Nipsco Electric (La Porte) Contact: Dean Garrett Phone: (219) 647-5134 Email: dagarrett@nisource.com	801 E 86th Ave. Merrillville, IN 46410
FIBER OPTIC -	Intelligent Fiber Network (ZAYO) Contact: Glen Hudson Phone: (765) 341-1199 Email: glen.m.hudson@gmail.com	5520 W 76th St. Indianapolis, IN 46268
	Michigan City Information Technology Contact: Anthony Bazil Phone: (219) 874-7799 Email: abazil@mcsan.org	1100 E 8th St. Michigan City, IN 46360
GAS -	Nipsco Gas (La Porte) Contact: Dean Garrett Phone: (219) 647-5134 Email: dagarrett@nisource.com	801 E 86th Ave. Merrillville, IN 46410
INDOT HIGHWAY MAINTENANCE -	INDOT La Porte District Contact: Steve Giese Phone: (219) 910-0009 Email: sgiese@indot.in.gov	315 Boyd Blvd. La Porte, IN 46350
WATER	Michigan City Water Contact: Christopher Johnsen Phone: (219)874-6683 Email: cjohnsen@mcwaterdept.com	532 Franklin St. P.O. Box 888 Michigan City, IN 46360
SEWER -	Michigan City Sanitary District Contact: Anthony Bazil Phone: (219) 874-7799 Email: abazil@mcsan.org	1100 E 8th St. Michigan City, IN 46360
STREET LIGHTS -	Michigan City Street Lights Contact: Anthony Bazil Phone: (219) 874-7799 Email: abazil@mcsan.org	1100 E 8th St. Michigan City, IN 46360
TRAFFIC SIGNAL TECH SUPERVISOR -	INDOT La Porte District Contact: Michah Glossinger Phone: (219) 325-7483 Email: mglossinger@indot.in.gov	315 Boyd Blvd. La Porte, IN 46350

GENERAL NOTES

All earth shoulders, median area, cut and fill slopes shall be plain or mulched seeded except where sodding is specified.

The final cross sections of the grading contract will be the original cross sections of the paving contract. However, partial or complete cross sections shall be taken if necessary to determine the actual excavation quantities.

It is the Contractor's responsibility to contact any and all utility companies within the limits of this project 3 weeks prior to any construction.

This set of plans shall not be construed to be a property retracement survey. Where apparent property lines, corners, subdivision or section corner information is shown, it is based on physical evidence or testimony.

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

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1	Title Sheet
2	Index and General Notes
3 - 10	Typical Sections
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59	Structure Layout
60	General Plan
61	Headwall Details
62	Intersection Detail
63	Construction Details and Milling Table
64	Construction Details - Approach Details
65 - 81	ADA Ramp Construction Details
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99 - 100	Traffic Signal Plans
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105 - 113	Pavement Marking Summary Tables
114	Guardrail Summary Table
115	Patching Summary Table and Details
116	Design Summary Table
117 - 118	Structure Data Tables
119 - 120	Sheet Sign & Post Summary Tables
121 - 142	Cross Sections

REVISIONS

SHEET NO.	DATE	REVISED

RAILROAD -		
	Amtrak Contact: Brandon Scalea Phone: (201) 551-9148 Email: Brandon.Scalea@amtrak.com	383 West 31st Street New York, NY 10001
	CSS - SB RR Contact: Mike Shore Phone: (219) 214-4299 Email: mshore@anacostia.com	505 N Carrol Ave Michigan City, IN 46360
	CSS - SB RR Road Master Contact: Kevin Weller Phone: (219) 727-2806 Email: kweller@anacostia.com	505 N Carrol Ave Michigan City, IN 46360

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT DRAWN: GDH

CHECKED: DGD CHECKED: DJT

INDIANA DEPARTMENT OF TRANSPORTATION

INDEX AND GENERAL NOTES

SCALE	BRIDGE FILE
	DESIGNATION
	2000607
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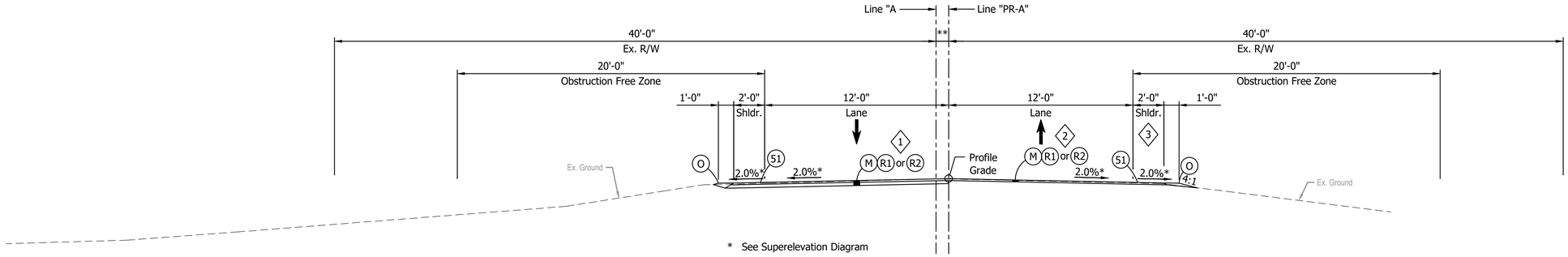
	R-43027

GDH — 11/13/2025 8:13 AM — U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_IN.dwg (INDEX)



* See Superelevation Diagram

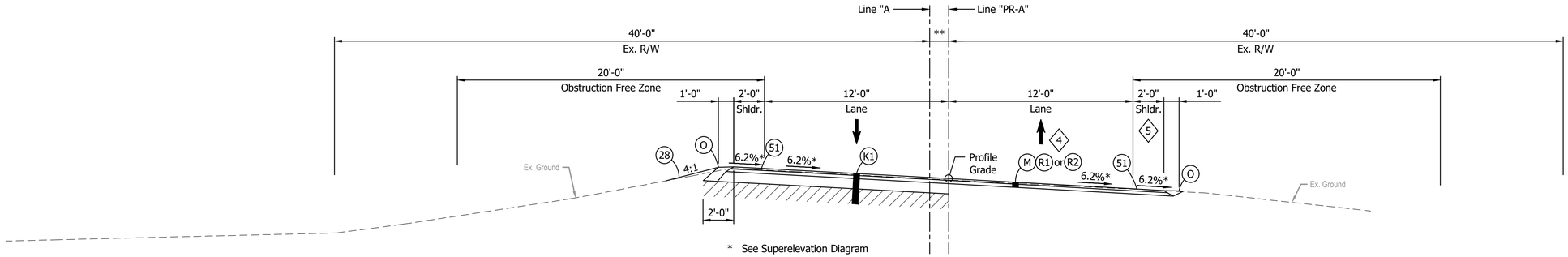
1 R1 From Sta. 12+80.00 to 13+50.00
From Sta. 15+50.00 to 16+50.00
R2 From Sta. 14+50.00 to 15+50.00

TYPICAL SECTION - LINES "A" & "PR-A"

Scale: ¼" = 1'-0"
Sta. 12+80.00 "A" to Sta. 13+50.00 "PR-A"
Sta. 14+50.00 "PR-A" to Sta. 16+50.00 "PR-A"

2 R1 From Sta. 12+80.00 to Sta. 13+50.00
From Sta. 14+50.00 to Sta. 15+50.00
R2 From Sta. 15+50.00 to Sta. 16+50.00

3 Varies 2'-0" to 6'-0" From Sta. 14+50.00 to Sta. 16+50.00



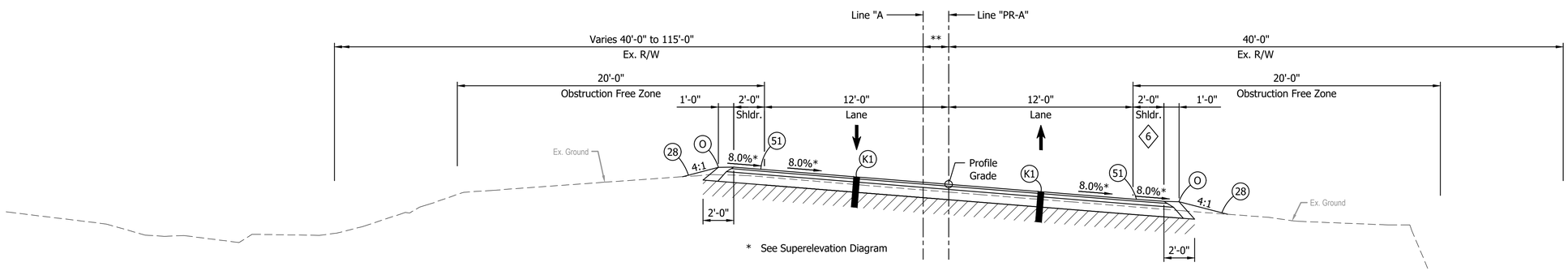
* See Superelevation Diagram

TYPICAL SECTION - LINE "A" & "PR-A"

Scale: ¼" = 1'-0"
Sta. 13+50.00 to Sta. 14+50.00
Sta. 16+50.00 to Sta. 17+50.00

4 R1 From Sta. 13+50.00 to Sta. 14+00.00
R2 From Sta. 14+00.00 to Sta. 14+50.00
From Sta. 16+50.00 to Sta. 17+50.00

5 Varies 2'-0" to 6'-0" From Sta. 13+66.80 to Sta. 14+50.00
Varies 2'-0" to 6'-0" From Sta. 16+50.00 to Sta. 17+50.00



* See Superelevation Diagram

TYPICAL SECTION - LINE "PR-A"

Scale: ¼" = 1'-0"
Sta. 17+50.00 to Sta. 18+74.89

6 6'-0" From Sta. 17+50.00 to Sta. 18+50.00
Varies 6'-0" to 2'-0" From Sta. 18+50.00 to Sta. 18+74.89

** Line "A" Offset From "PR-A"
0'-0" From Sta. 12+80.00 to Sta. 14+85.30
Varies 0'-0" to 1'-11½" From Sta. 14+85.30 to Sta. 18+74.89

LEGEND:

- K1 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm on 275 #/sys QC/QA-HMA, 3, 58H, Intermediate, 19.0 mm on 660 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm on 4" of Compacted Aggregate, No. 53 on Subgrade Treatment, Type IC
- M Profile Milling (0" Min. to 4" Max.)
- O Compacted Aggregate, No. 53
- R1 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm
- R2 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm on 275 #/sys QC/QA-HMA, 3, 58H, Intermediate, 19.0 mm
- 28 Mulched Seeding, Type U
- 51 Milled HMA Corrugations, Conventional (Shoulder)

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: DJT DRAWN: GDH
CHECKED: DGD CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
LINES "A" & "PR-A"

SCALE	BRIDGE FILE
1/4" = 1'-0"	
	DESIGNATION
	2000607
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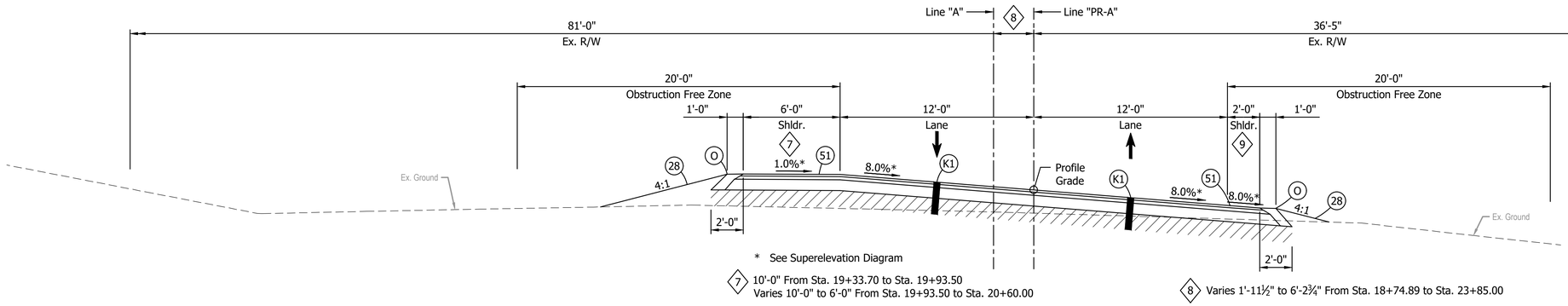
PJV — 11/13/2025 8:13 AM — U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800TR_TS01.dwg (TYPSEC LINE PR-A 01)



* See Superelevation Diagram

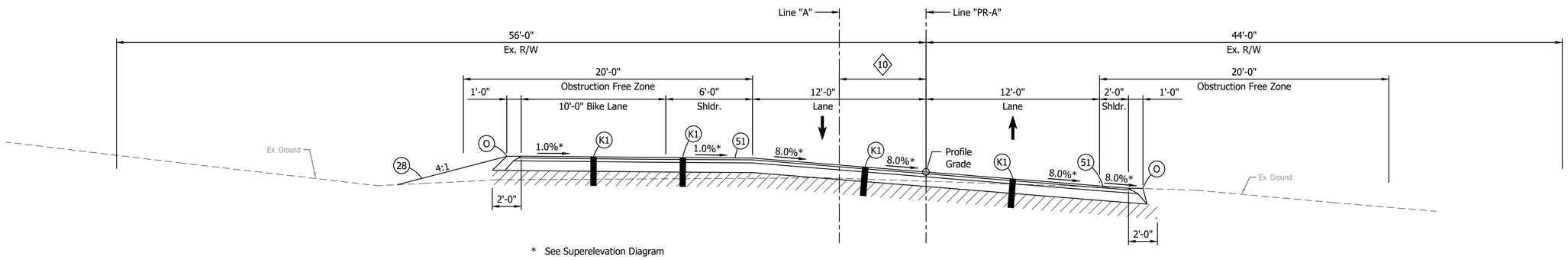
7 10'-0" From Sta. 19+33.70 to Sta. 19+93.50
Varies 10'-0" to 6'-0" From Sta. 19+93.50 to Sta. 20+60.00

8 Varies 1'-11½" to 6'-2¾" From Sta. 18+74.89 to Sta. 23+85.00

9 Varies 6'-0" to 2'-0" From Sta. 18+74.89 to Sta. 19+50.00

TYPICAL SECTION - LINE "PR-A"

Scale: ¼" = 1'-0"
Sta. 18+74.89 to Sta. 23+85.00

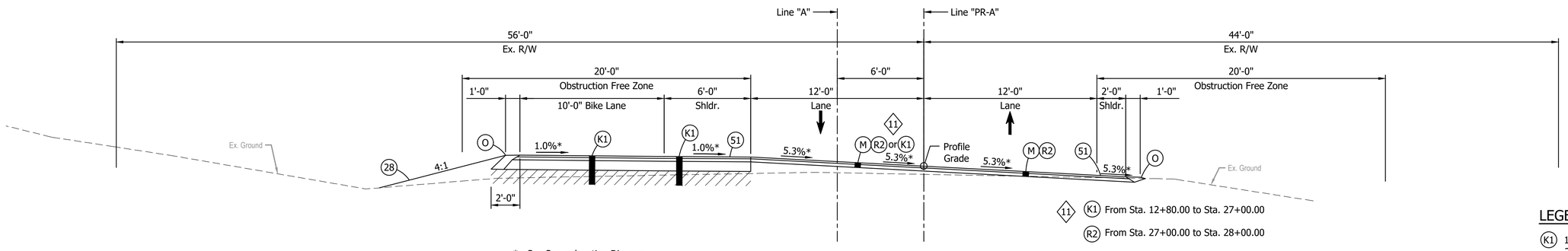


* See Superelevation Diagram

TYPICAL SECTION - LINE "PR-A"

Scale: ¼" = 1'-0"
Sta. 23+85.00 to Sta. 26+00.00

10 Varies 6'-2¾" to 6'-0" From Sta. 23+85.00 to Sta. 25+92.84
6'-0" From Sta. 25+92.84 to Sta. 26+00.00



* See Superelevation Diagram

TYPICAL SECTION - LINE "PR-A"

Scale: ¼" = 1'-0"
Sta. 26+00.00 to Sta. 28+00.00

11 K1 From Sta. 12+80.00 to Sta. 27+00.00
R2 From Sta. 27+00.00 to Sta. 28+00.00

LEGEND:

- K1 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm on 275 #/sys QC/QA-HMA, 3, 58H, Intermediate, 19.0 mm on 660 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm on 4" of Compacted Aggregate, No. 53 on Subgrade Treatment, Type IC
- M Profile Milling (0" Min. to 4" Max.)
- O Compacted Aggregate, No. 53
- R2 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm on 275 #/sys QC/QA-HMA, 3, 58H, Intermediate, 19.0 mm
- 28 Mulched Seeding, Type U
- 51 Milled HMA Corrugations, Conventional (Shoulder)

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: DJT DRAWN: GDH
CHECKED: DGD CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
LINE "PR-A"

SCALE	BRIDGE FILE
1/4" = 1'-0"	
	DESIGNATION
	2000607
	SHEETS
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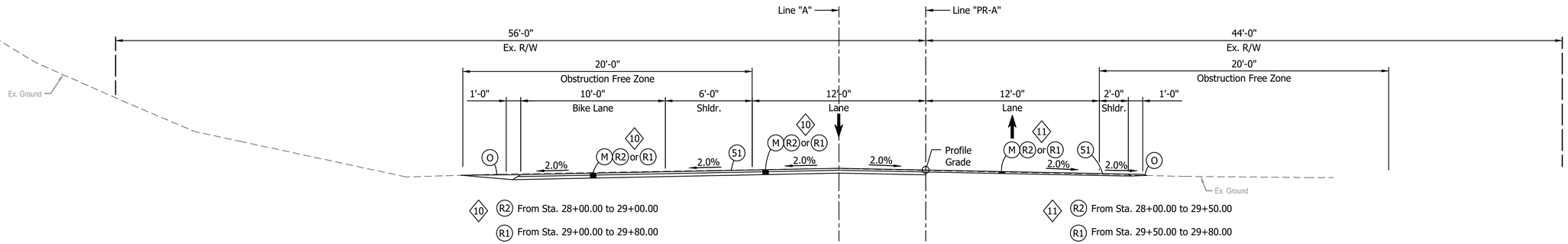
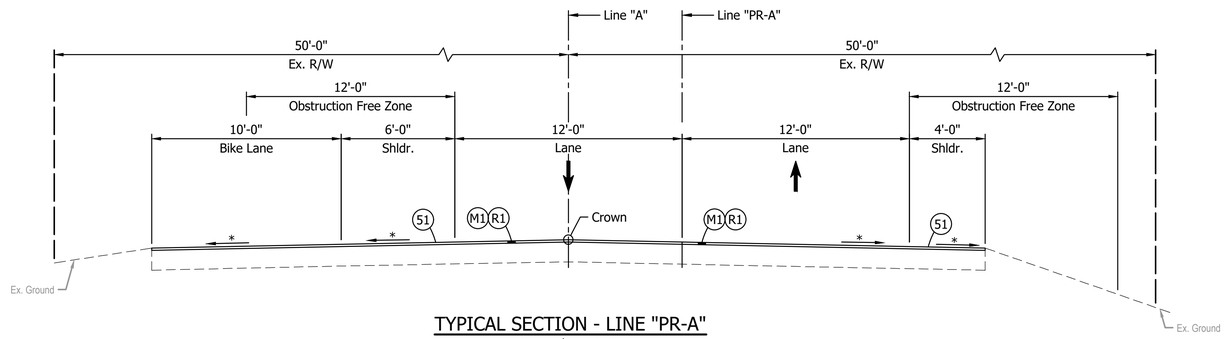
PJV – 11/13/2025 8:14 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800TR_TS01.dwg (TYPSEC LINE PR–A 02)



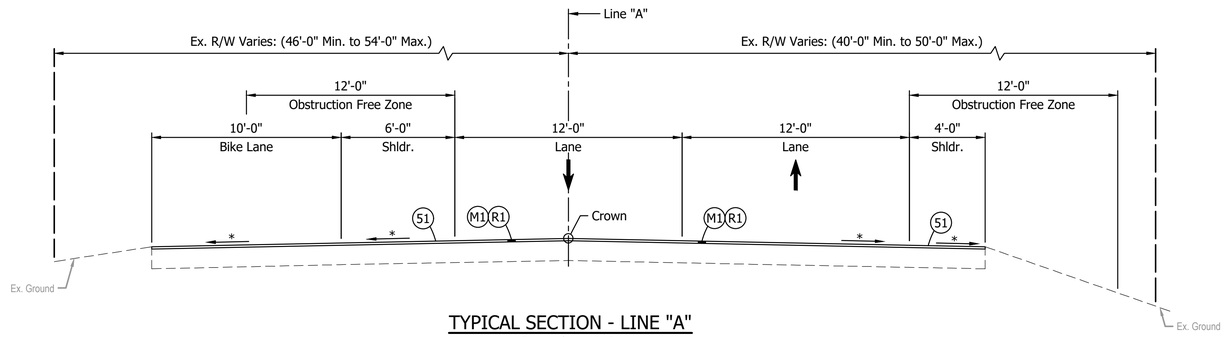
TYPICAL SECTION - LINE "PR-A"

Scale: ¼" = 1'-0"
Sta. 28+00.00 to Sta. 29+80.00



TYPICAL SECTION - LINE "PR-A"

Scale: ¼" = 1'-0"
Sta. 29+80.00 to Sta. 32+99.54



TYPICAL SECTION - LINE "A"

Scale: ¼" = 1'-0"
Sta. 29+84.79 to Sta. 37+45.00

* Lane Widths, Shoulder Widths, and Cross Slopes Vary as Beverly Rd. Approaches U.S. 12. See Intersection Detail Sheet.

LEGEND:

- (M) Profile Milling (0" Min. to 4" Max.)
- (M1) Milling, Asphalt, 1.5"
- (O) Compacted Aggregate, No. 53
- (R1) 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm
- (R2) 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm on 275 #/sys QC/QA-HMA, 3, 58H, Intermediate, 19.0 mm
- (51) Milled HMA Corrugations, Conventional (Shoulder)

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: PJV

CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
LINES "PR-A" & "A"

SCALE	BRIDGE FILE
1/4" = 1'-0"	
	DESIGNATION
	2000607
	SHEETS
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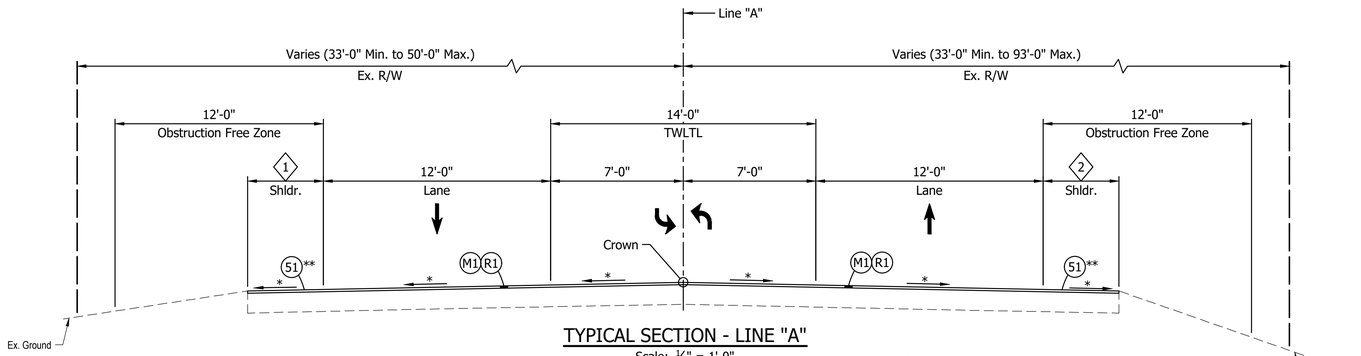
	CONTRACT
	R-43027

PJV – 11/13/2025 8:17 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800TR_TS01.dwg (TYPSEC LINE PR-A 03)

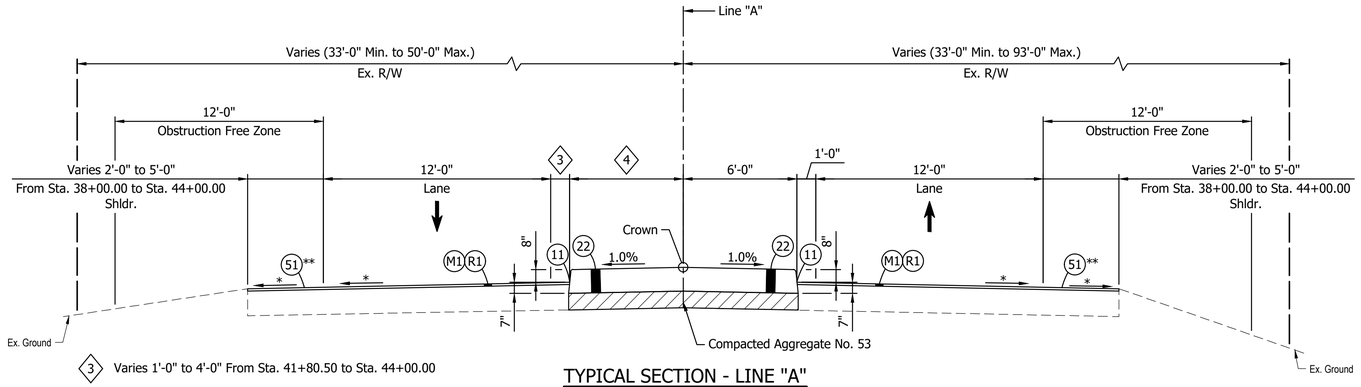


TYPICAL SECTION - LINE "A"

Scale: ¼" = 1'-0"
Sta. 37+45.00 to Sta. 41+02.00
Paving Exception Sta. 41+02.00 to Sta. 41+18.00
Sta. 41+18.00 to 41+80.50
Sta. 44+00.00 to 104+58.00
Sta. 160+00.00 to Sta. 190+00.00

1 Varies 2'-0" to 5'-0" From Sta. 38+00.00 to Sta. 104+58.00
Varies 6'-0" to 18'-0" From Sta. 160+00.00 to Sta. 190+00.00

2 Varies 2'-0" to 5'-0" From Sta. 38+00.00 to Sta. 104+58.00
Varies 2'-0" to 8'-0" From Sta. 160+00.00 to Sta. 190+00.00

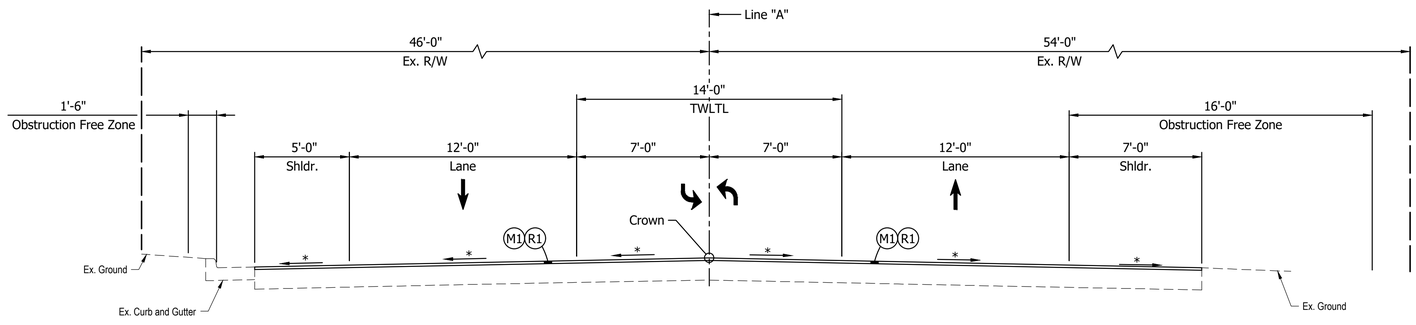


3 Varies 1'-0" to 4'-0" From Sta. 41+80.50 to Sta. 44+00.00

4 Varies 6'-0" to 3'-0" From Sta. 41+80.50 to Sta. 44+00.00

TYPICAL SECTION - LINE "A"

Scale: ¼" = 1'-0"
Sta. 41+80.50 to 44+00.00



TYPICAL SECTION - LINE "A"

Scale: ¼" = 1'-0"
Sta. 104+72.00 to Sta. 111+35.00

* Match Ex. Cross Slopes (2% Min.) Unless Otherwise Noted

** Right Shldr. Corrugations Extend From Sta. 37+45.00 to Sta. 50+03.00

** Left Shldr. Corrugations Extend From Sta. 37+45.00 to Sta. 51+03.00

NOTE:

Compacted aggregate no. 53 should extend no deeper than the existing pavement. The 10.5 inch depth is an average based on pavement cores.

LEGEND:

- (M1) Milling, Asphalt, 1.5"
- (R1) 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm
- (11) Saw Cut
- (22) Concrete Center Curb, Type C, on 10.5" Compacted Aggregate No. 53
- (51) Milled HMA Corrugations, Conventional (Shoulder)

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: DJT DRAWN: GDH
CHECKED: DGD CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
LINE "A"

SCALE	BRIDGE FILE
1/4" = 1'-0"	
	DESIGNATION
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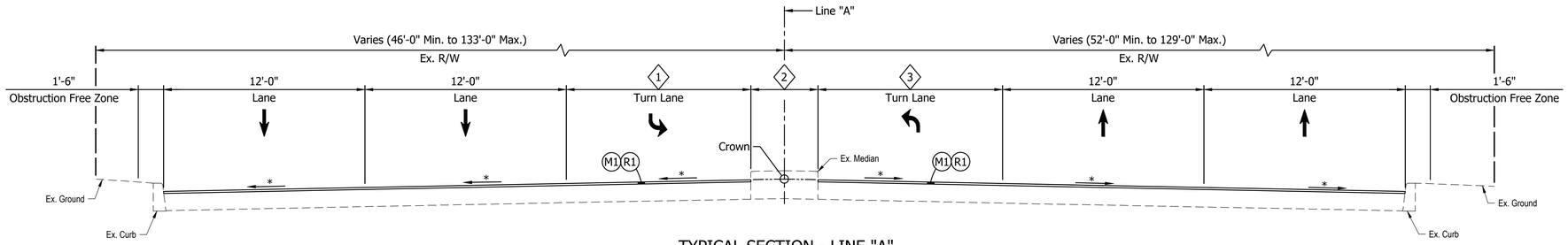
PJV – 11/13/2025 8:15 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\2017227TR_TS – TYPSEC 02 RW).dwg (2017227TR_TS



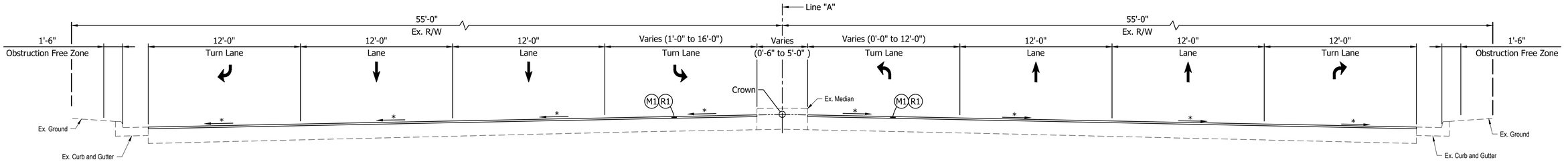
1 Varies 0'-0" to 11'-0" From Sta. 111+35.00 to Sta. 118+00.00
From Sta. 120+00.00 to Sta. 123+50.00
From Sta. 128+00.00 to Sta. 133+90.00
Varies 0'-0" to 15'-0" From Sta. 118+00.00 to Sta. 120+00.00

TYPICAL SECTION - LINE "A"

Scale: ¼" = 1'-0"
Sta. 111+35.00 to Sta. 123+50.00
Sta. 128+00.00 to Sta. 133+87.50

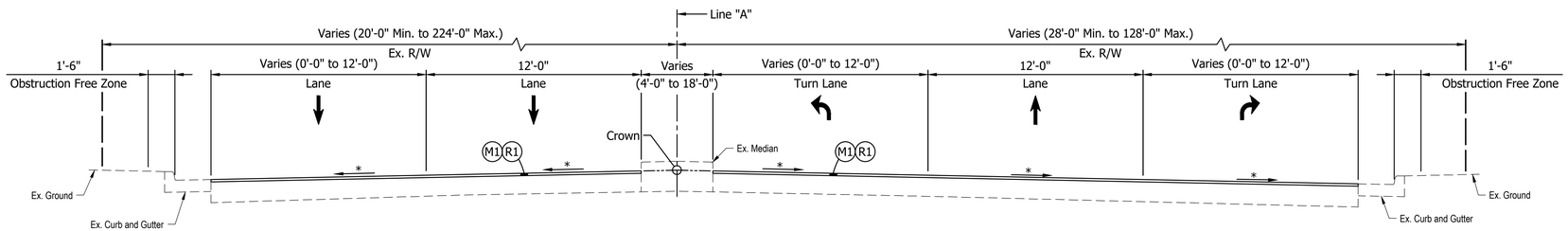
2 Varies 0'-0" to 14'-0" From Sta. 111+35.00 to Sta. 123+50.00
Varies 8'-0" to 16'-0" From Sta. 128+00.00 to Sta. 133+90.00

3 Varies 0'-0" to 11'-0" From Sta. 111+35.00 to Sta. 123+50.00
0'-0" From Sta. 128+00.00 to Sta. 133+90.00



TYPICAL SECTION - LINE "A"

Scale: ¼" = 1'-0"
Sta. 123+50.00 to Sta. 128+00.00



TYPICAL SECTION - LINE "A"

Scale: ¼" = 1'-0"
Sta. 140+67.50 to Sta. 160+00.00

* Match Ex. Cross Slopes (2% Min.)
Unless Otherwise Noted

LEGEND:

(M1) Milling, Asphalt, 1.5"

(R1) 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

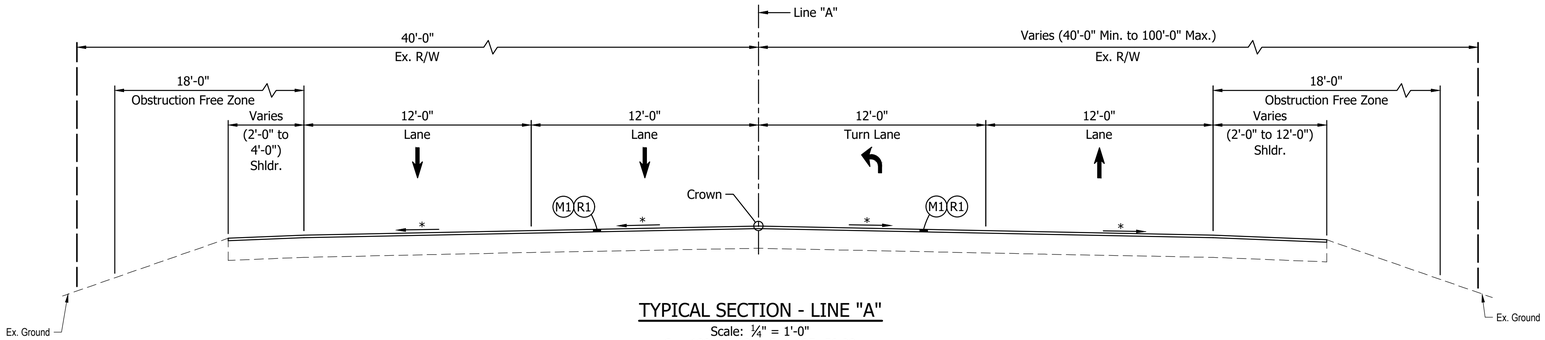
DESIGNED: DJT
DRAWN: GDH
CHECKED: DGD
CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

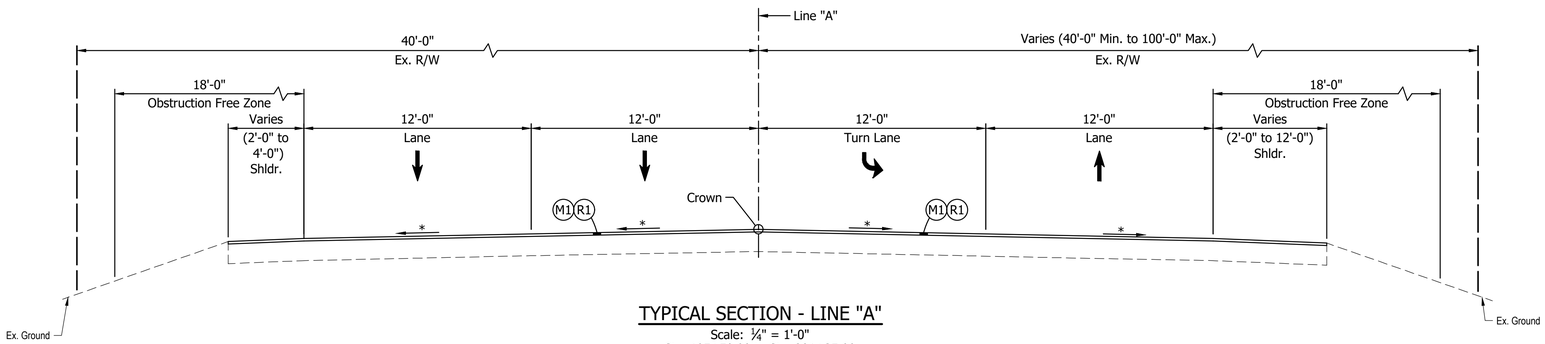
TYPICAL SECTIONS
LINE "A"

SCALE	BRIDGE FILE
1/4" = 1'-0"	
	DESIGNATION
	2000607
	SHEETS
	7 of 142
	CONTRACT
	R-43027

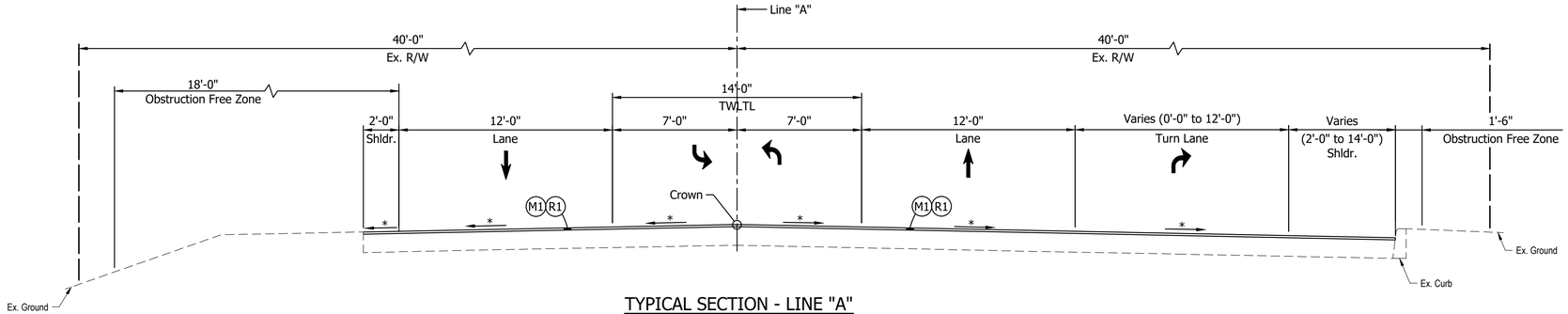
PJV – 11/13/2025 8:19 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\2017227TR_TS.dwg (2017227TR_TS – TYPSEC 03 RW)



TYPICAL SECTION - LINE "A"
Scale: ¼" = 1'-0"
Sta. 190+00.00 to Sta. 195+50.00



TYPICAL SECTION - LINE "A"
Scale: ¼" = 1'-0"
Sta. 195+50.00 to Sta. 201+35.00



TYPICAL SECTION - LINE "A"
Scale: ¼" = 1'-0"
Sta. 201+35.00 to Sta. 217+57.00

NOTES:

1. See Pavement Marking sheets 90-94 for lane marking configuration from Sta. 190+00.00 to Sta. 204+00.00 and Sta. 303+70.00 to Sta. 333+80.00.
2. See Pavement Marking sheet 95 for lane configurations and markings for the U.S. 12 and S.R. 212 Interchange from Sta. 340+00.00 to Sta. 362+00.00.

* Match Ex. Cross Slopes (2% Min.)
Unless Otherwise Noted

LEGEND:

(M1) Milling, Asphalt, 1.5"
(R1) 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

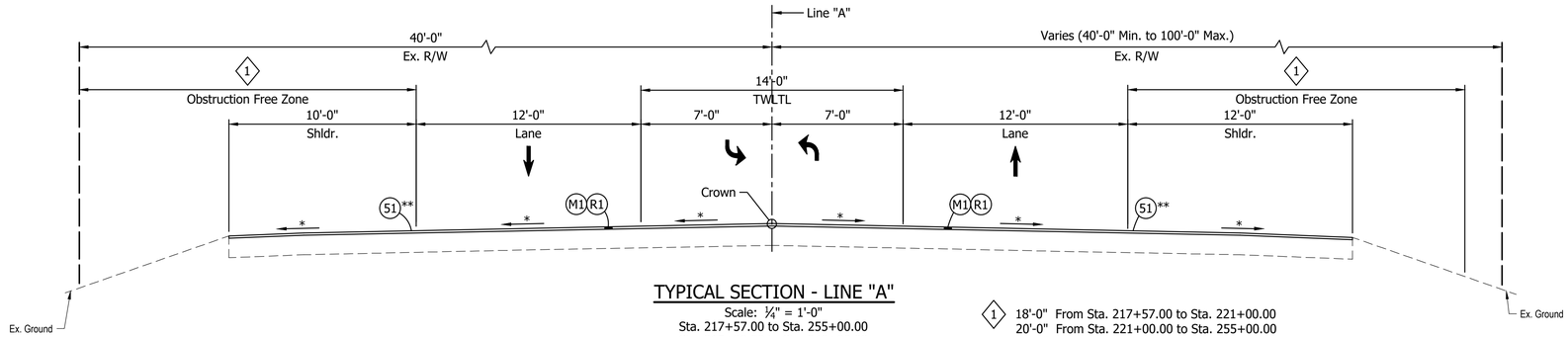
DESIGNED: DJT DRAWN: GDH
CHECKED: DGD CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
LINE "A"

SCALE	BRIDGE FILE
1/4" = 1'-0"	
	DESIGNATION
	2000607
	SHEETS
	8 of 142
	CONTRACT
	R-43027

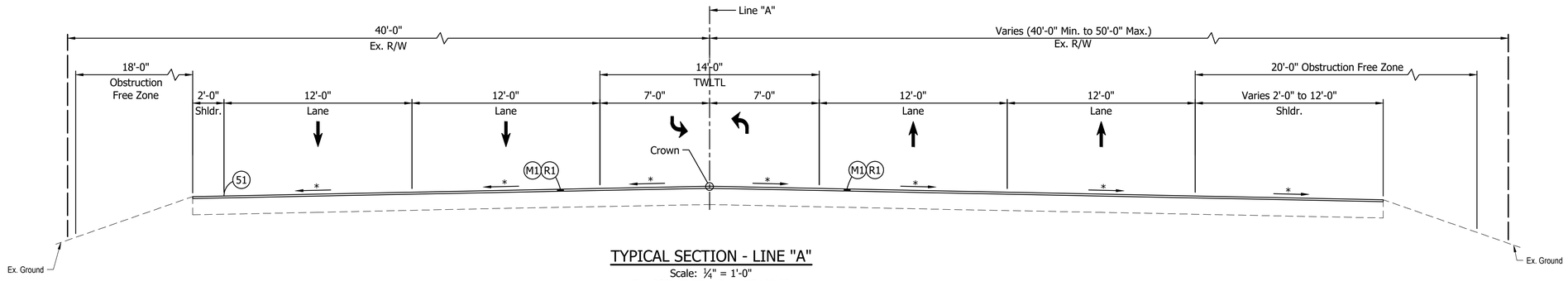
PJV – 11/13/2025 8:14 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\2017227TR_TS – TYPSEC 04 RW).dwg (2017227TR_TS



TYPICAL SECTION - LINE "A"

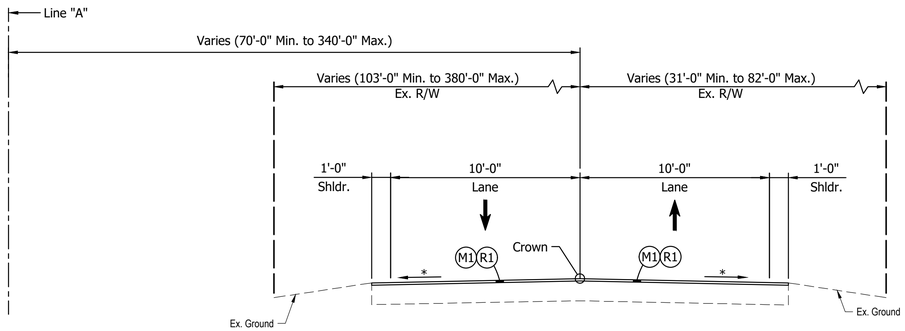
Scale: ¼" = 1'-0"
Sta. 217+57.00 to Sta. 255+00.00
Sta. 265+00.00 to Sta. 340+00.00
Sta. 362+00.00 to Sta. 439+81.50

1 18'-0" From Sta. 217+57.00 to Sta. 221+00.00
20'-0" From Sta. 221+00.00 to Sta. 255+00.00
20'-0" From Sta. 265+00.00 to Sta. 340+00.00
20'-0" From Sta. 362+00.00 to Sta. 439+81.50



TYPICAL SECTION - LINE "A"

Scale: ¼" = 1'-0"
Sta. 255+00.00 to Sta. 265+00.00



NOTE:

This section of U.S. 12 also called "Frazie Rd." located in the S.W. quadrant of the U.S. 12 and S.R. 212 Interchange.

TYPICAL SECTION - LINE "A" U.S. 12 "FRAZIE ROAD"

Scale: ¼" = 1'-0"
Sta. 340+28.00 to Sta. 348+78.00

* Match Ex. Cross Slopes (2% Min.) Unless Otherwise Noted

** Right Shldr. Corrugations Extend From
Sta. 217+60.00 to Sta. 255+60.00
Sta. 261+50.00 to Sta. 314+65.00
Sta. 320+70.00 to Sta. 337+20.00
Sta. 371+70.00 to Sta. 399+78.00
Sta. 433+98.00 to Sta. 439+86.00

** Left Shldr. Corrugations Extend From
Sta. 217+60.00 to Sta. 259+00.00
Sta. 263+65.00 to Sta. 318+12.00
Sta. 320+91.00 to Sta. 335+20.00
Sta. 340+20.00 to Sta. 368+47.00
Sta. 373+45.00 to Sta. 439+86.00

LEGEND:

M1 Milling, Asphalt, 1.5"
R1 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm
51 Milled HMA Corrugations, Conventional (Shoulder)

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

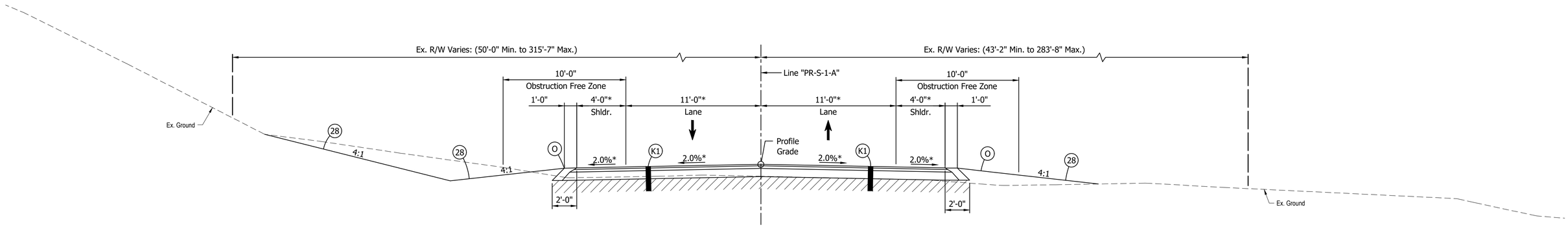
DESIGNED: DJT DRAWN: GDH
CHECKED: DGD CHECKED: DJT

INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS LINE "A"

SCALE	BRIDGE FILE
1/4" = 1'-0"	
	DESIGNATION
	2000607
	SHEETS
	9 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:15 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\2017227TR_TS.dwg (2017227TR_TS – TYPSEC 05 RW)



* Lane Widths, Shoulder Widths, and Cross Slopes Vary as Beverly Rd. Approaches U.S. 12. See Intersection Detail Sheet.

TYPICAL SECTION - LINE "PR-S-1-A"

Scale: ¼" = 1'-0"
Sta. 48+50.00 to Sta. 50+88.98

LEGEND:

(K1) 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm on
275 #/sys QC/QA-HMA, 3, 58H, Intermediate, 19.0 mm on
660 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm on
4" of Compacted Aggregate, No. 53 on
Subgrade Treatment, Type IC

(O) Compacted Aggregate, No. 53

(28) Mulched Seeding, Type U

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: FTP | DRAWN: GDH

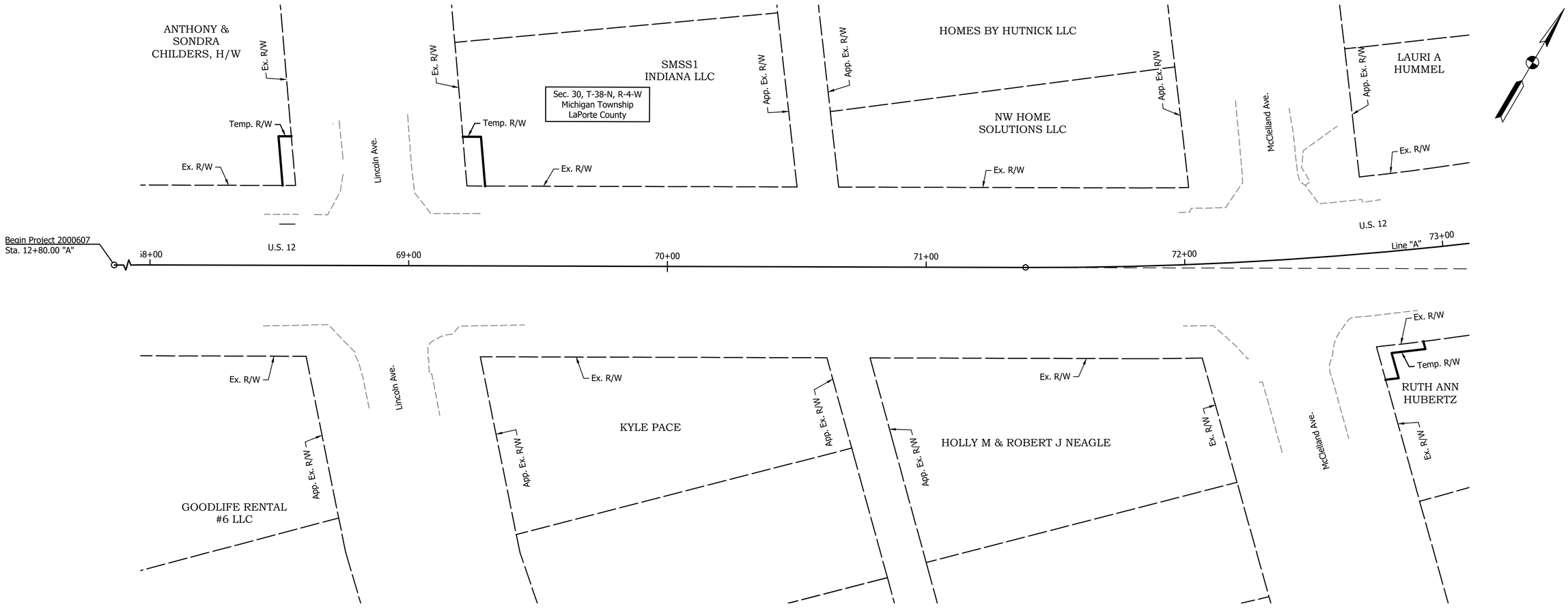
CHECKED: DGD | CHECKED: FTP

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION
LINE "PR-S-1-A"

SCALE	BRIDGE FILE
1/4" = 1'-0"	
	DESIGNATION
	2000607
	SHEETS
	10 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:21 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\2017227TR_TS – TYPSEC 06)
U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\2017227TR_TS.dwg



NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

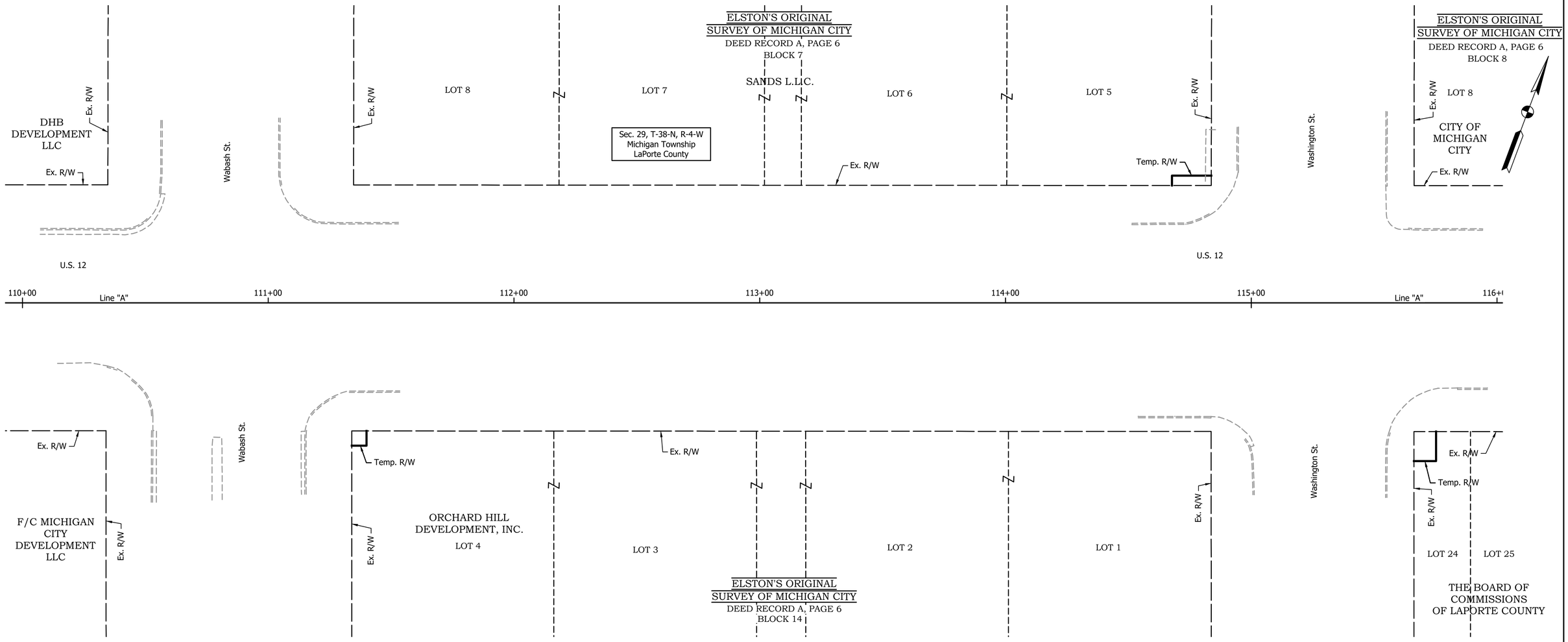
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT NO. 1

SCALE	BRIDGE FILE
1" = 20'	
	DESIGNATION
	2000607
	SHEETS
	11 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:21 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_P101.dwg (201722TR_P101 – PLAT NO. 1 (4 & 5) RW)



REVISED PLAT OF BLOCK 13 OF
ELSTON'S SURVEY OF MICHIGAN CITY

Plat Book 1, Page 259

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

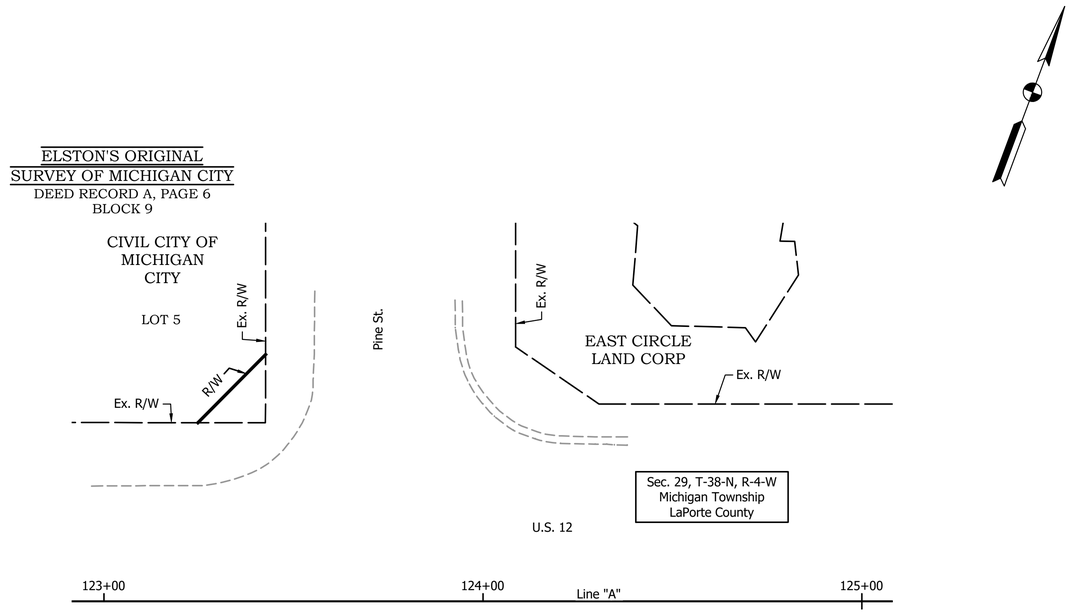
CHECKED: DGD | CHECKED: DJT

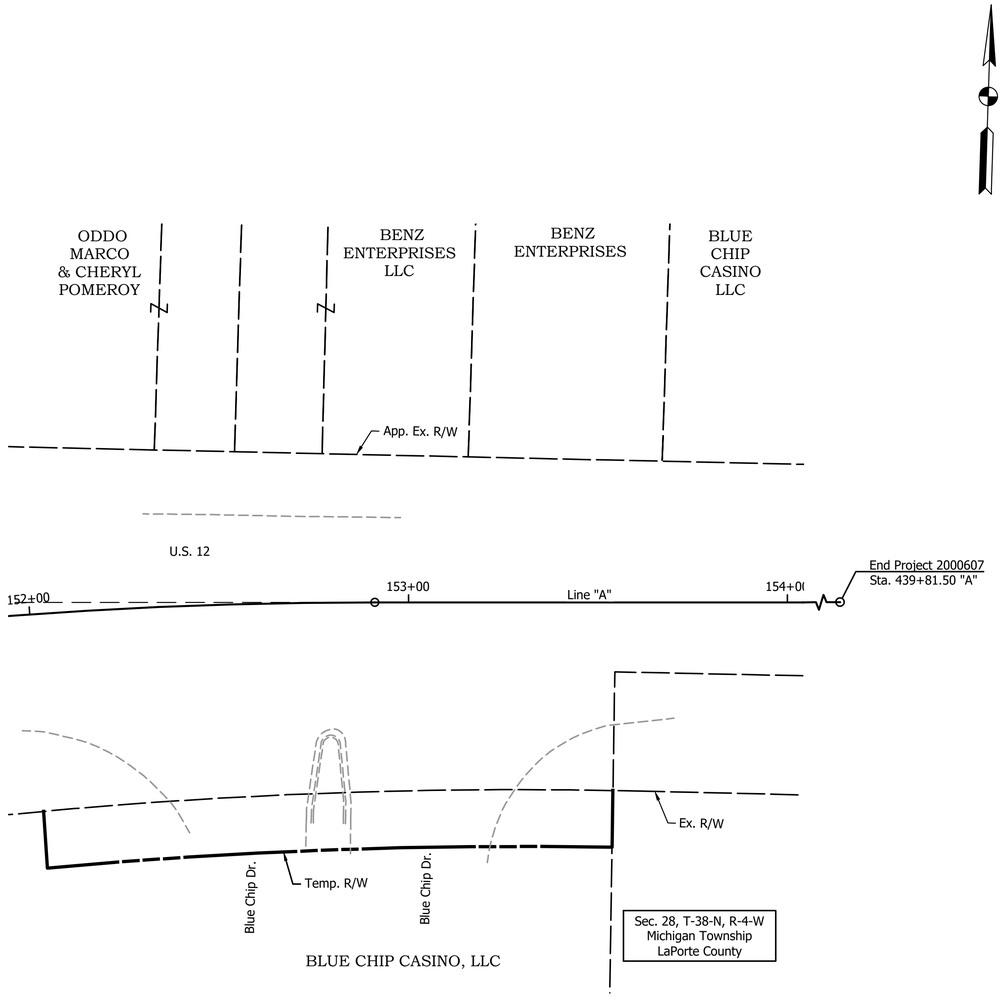
INDIANA
DEPARTMENT OF TRANSPORTATION

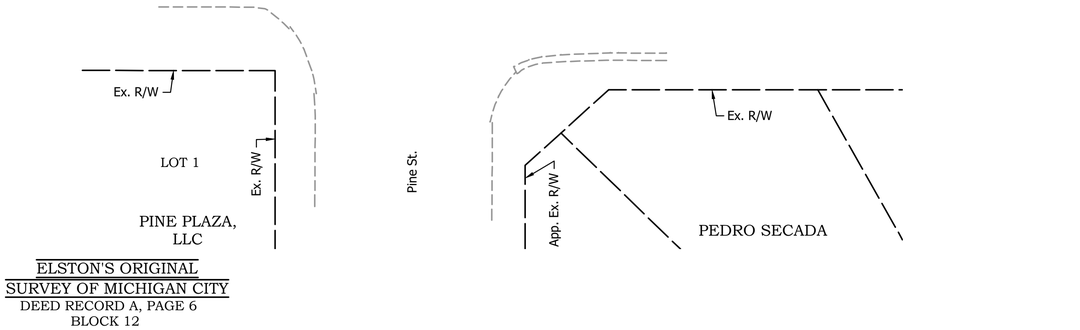
PLAT NO. 1

SCALE	BRIDGE FILE
1" = 20'	
	DESIGNATION
	2000607
	SHEETS
	12 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:20 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_P101.dwg (201722TR_P101 – PLAT NO. 1 (7 & 8) RW)







NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

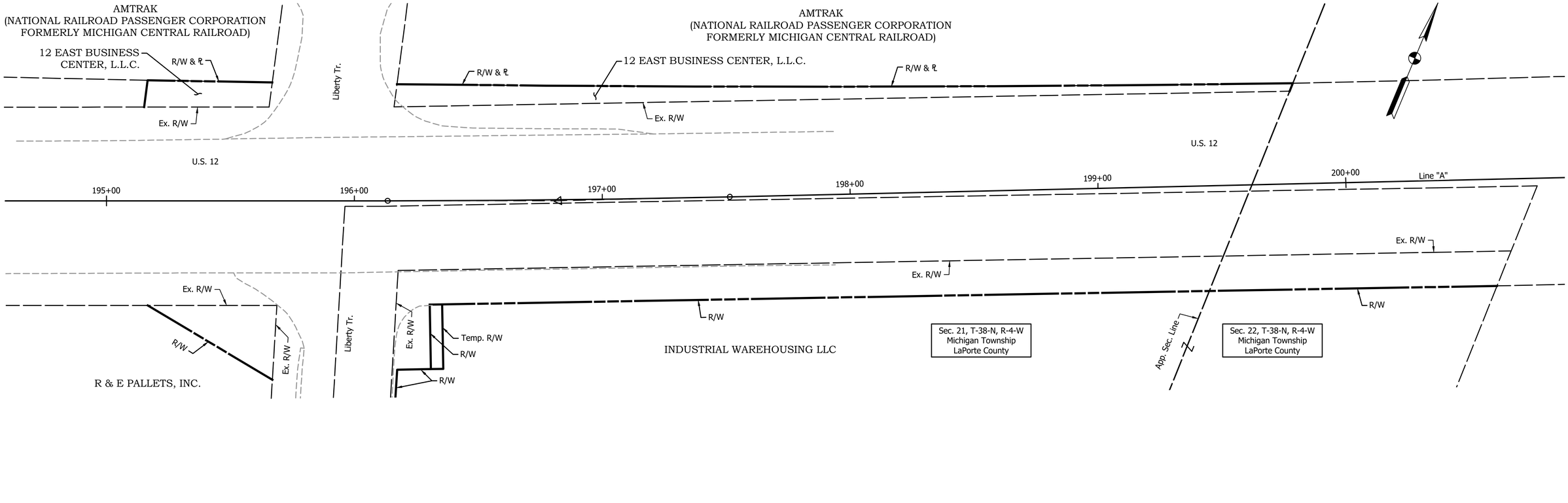
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT NO. 1

SCALE	BRIDGE FILE
1" = 20'	
	DESIGNATION
	2000607
	SHEETS
	13 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:18 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_P101 – PLAT NO. 1 (10 & 13) RW)
201722TR_P101.dwg



NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

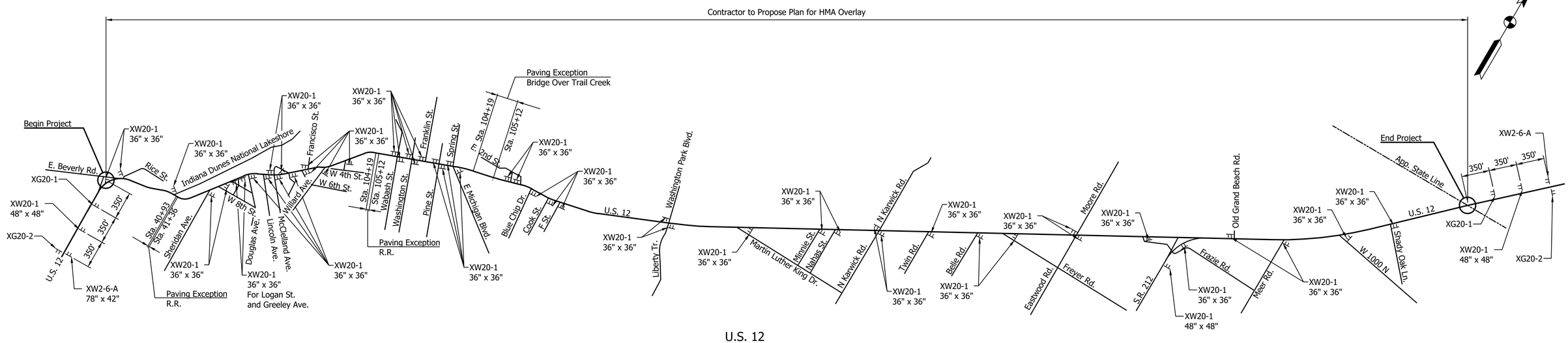
PLAT NO. 1

SCALE	BRIDGE FILE
1" = 20'	
	DESIGNATION
	2000607
	SHEETS
	14 of 142
	CONTRACT
	R-43027

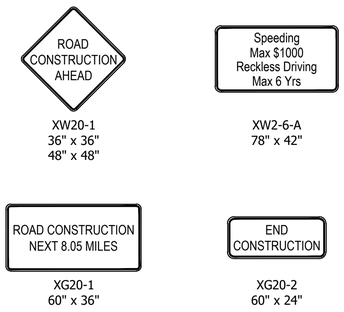
GDH – 11/13/2025 8:14 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_P101.dwg (201722TR_P101 – PLAT NO. 1 (09) RW)

GENERAL NOTES:

1. U.S. 12, intersecting roads, and private approaches shall remain open at all times. Traffic will be maintained with flagging and alternating thru traffic.
2. Construction zone speed limit: 10 mph below existing posted speed.
3. Contractor to provide speed limit reduction signing as needed within project limits and in advance of construction zone.
4. Contractor to propose and provide M.O.T. plans for project limits and area indicated. M.O.T. plans must be submitted to and approved by the Project Engineer.
5. Construction signs shown near side streets shall be placed on side streets, not mainline.
6. Per INDOT revisions to Standard Specifications section 801.12, Temporary Pavement Marking for lane lines and centerlines shall be placed within 10 workdays of opening a segment of re-surfaced roadway to traffic.
7. Pavement Order of operations:
   Phase I: Full depth patching, partial depth patching (as necessary).
   Phase II: Mainline milling and preventative maintenance overlay.



U.S. 12
PROJECT LIMITS CONSTRUCTION SIGNING
Not to Scale



LEGEND:

XG20-1 (60" x 36")	Road Construction Next _ Miles - 'A'
XG20-2 (60" x 24")	End Construction - 'A'
XW2-6-A (78" x 42")	Speeding Max. $1000 - 'C' Reckless Driving Max. 6 Years
XW20-1 (36" x 36" or 48" x 48")	Road Construction Ahead - 'A'

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: JAJ

CHECKED: DGD | CHECKED: DJT

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC SIGNING

SCALE	BRIDGE FILE
NOT TO SCALE	
	DESIGNATION
	2000607
	SHEETS: 15 of 142
	CONTRACT: R-43027

PJV – 11/13/2025 8:16 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722MT_GN01.dwg (MOT–CONST LIMITS CONST SIGNING)

DETOUR ROUTE MARKER ASSEMBLIES

A1	DETOUR (XM4-8 24" x 12") EAST (M3-2(S) 24" x 12") 12 (M1-4(12) 24" x 24") (M5-1(R or L)(S) 21" x 15")	B1	DETOUR (XM4-8 24" x 12") EAST (M3-2(S) 24" x 12") 12 (M1-4(12) 24" x 24") (M6-1(R or L)(S) 21" x 15")	C1	DETOUR (XM4-8 24" x 12") EAST (M3-2(S) 24" x 12") 12 (M1-4(12) 24" x 24") (M6-3(S) 21" x 15")	D1	END DETOUR (XM4-8a 24" x 12") EAST (M3-2(S) 24" x 12") 12 (M1-4(12) 24" x 24")
ADVANCE TURN DETOUR MARKER ASSEMBLY		DIRECTIONAL DETOUR MARKER ASSEMBLY		CONFIRMING DETOUR ROUTE MARKER ASSEMBLY		END DETOUR ROUTE MARKER ASSEMBLY	
A2	DETOUR (XM4-8 24" x 12") WEST (M3-4(S) 24" x 12") 12 (M1-4(12) 24" x 24") (M5-1(R or L)(S) 21" x 15")	B2	DETOUR (XM4-8 24" x 12") WEST (M3-4(S) 24" x 12") 12 (M1-4(12) 24" x 24") (M6-1(R or L)(S) 21" x 15")	C2	DETOUR (XM4-8 24" x 12") WEST (M3-4(S) 24" x 12") 12 (M1-4(12) 24" x 24") (M6-3(S) 21" x 15")	D2	END DETOUR (XM4-8a 24" x 12") WEST (M3-4(S) 24" x 12") 12 (M1-4(12) 24" x 24")
ADVANCE TURN DETOUR MARKER ASSEMBLY		DIRECTIONAL DETOUR MARKER ASSEMBLY		CONFIRMING DETOUR ROUTE MARKER ASSEMBLY		END DETOUR ROUTE MARKER ASSEMBLY	

E: DETOUR AHEAD (XW20-2 48" x 48")

F: ROAD CLOSED AHEAD (XW20-3(Ahead) 48" x 48")

ROAD CLOSED (R11-2 48" x 30")

ROAD CLOSED _ MILES AHEAD LOCAL TRAFFIC ONLY (R11-3 60" x 30")

ROAD CLOSURE SIGN ASSEMBLY - TYPE 1

ROAD CLOSED _ MILES AHEAD LOCAL TRAFFIC ONLY (R11-3 60" x 30")

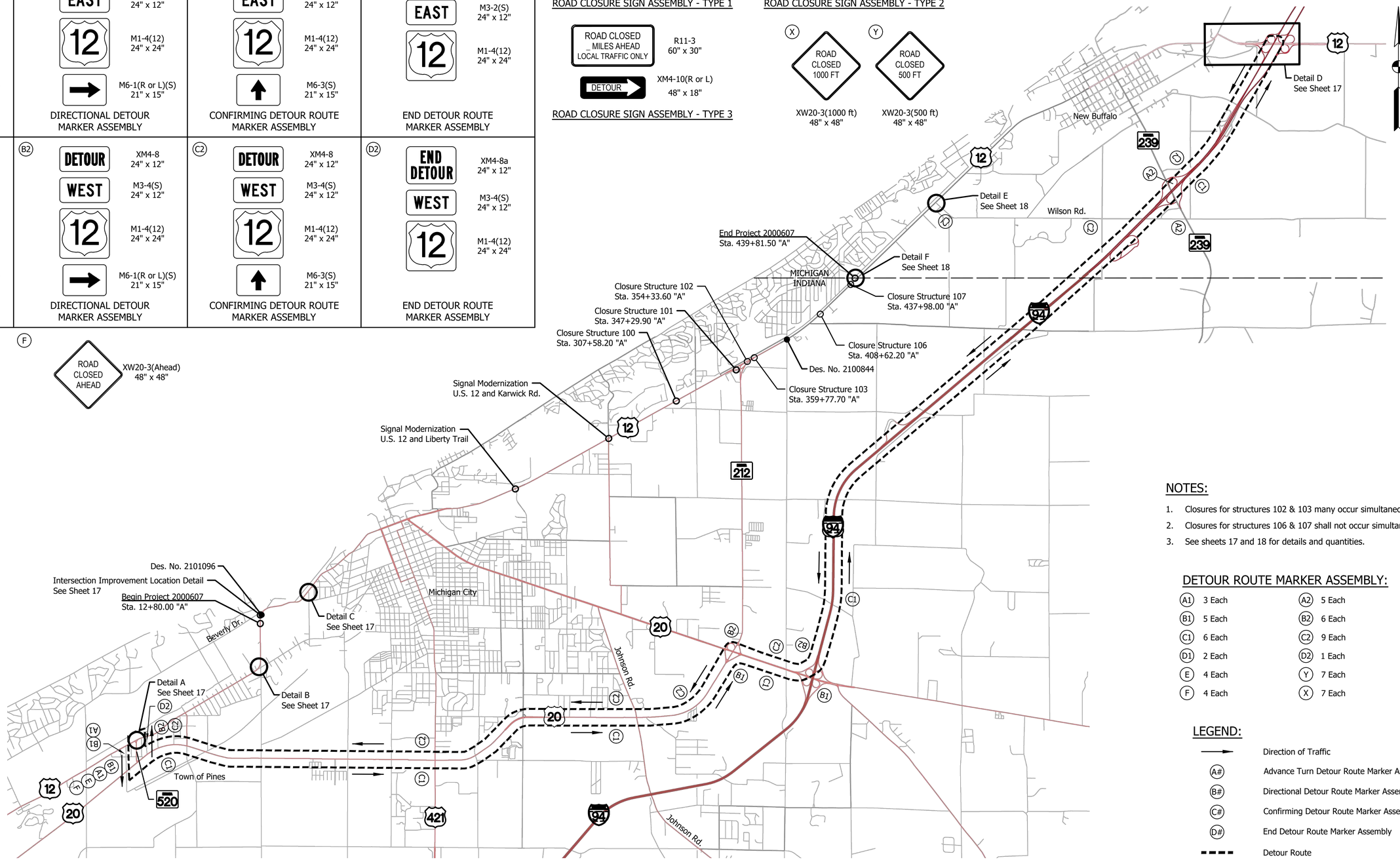
DETOUR (XM4-10(R or L) 48" x 18")

ROAD CLOSURE SIGN ASSEMBLY - TYPE 2

X: ROAD CLOSED 1000 FT (XW20-3(1000 ft) 48" x 48")

Y: ROAD CLOSED 500 FT (XW20-3(500 ft) 48" x 48")

ROAD CLOSURE SIGN ASSEMBLY - TYPE 3



NOTES:

1. Closures for structures 102 & 103 many occur simultaneously.
2. Closures for structures 106 & 107 shall not occur simultaneously.
3. See sheets 17 and 18 for details and quantities.

DETOUR ROUTE MARKER ASSEMBLY:

A1	3 Each	A2	5 Each
B1	5 Each	B2	6 Each
C1	6 Each	C2	9 Each
D1	2 Each	D2	1 Each
E	4 Each	Y	7 Each
F	4 Each	X	7 Each

LEGEND:

- Direction of Traffic
- A# — Advance Turn Detour Route Marker Assembly
- B# — Directional Detour Route Marker Assembly
- C# — Confirming Detour Route Marker Assembly
- D# — End Detour Route Marker Assembly
- Detour Route

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: JAJ

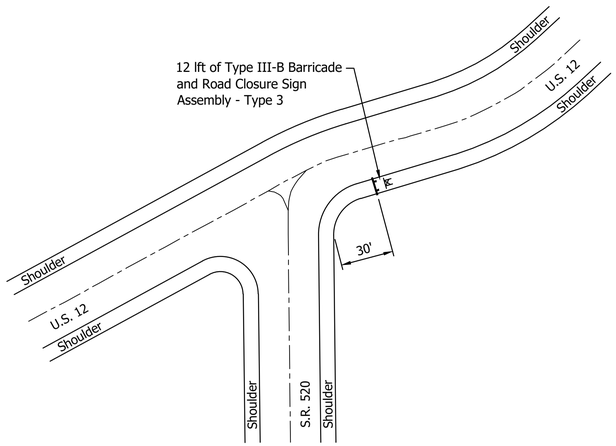
CHECKED: DGD | CHECKED: DJT

INDIANA DEPARTMENT OF TRANSPORTATION

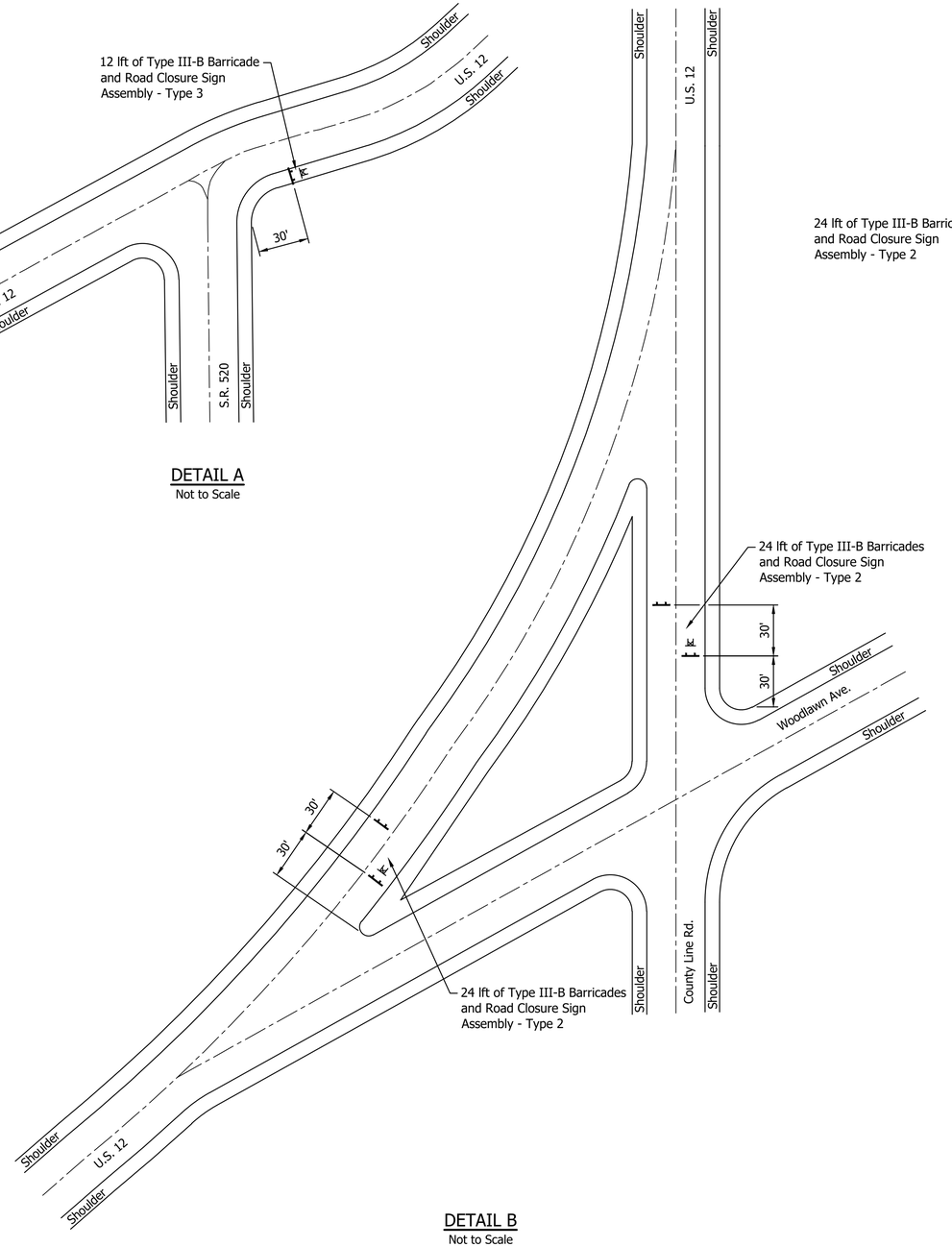
MAINTENANCE OF TRAFFIC DETOUR ROUTE

SCALE	BRIDGE FILE
1" = 3000'	
	DESIGNATION 2000607
	SHEETS 16 of 142
	CONTRACT R-43027

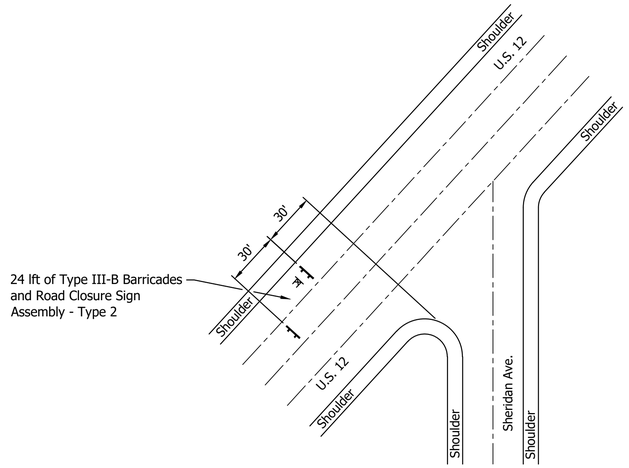
PJV – 11/13/2025 8:16 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722MT_DR01.dwg (DETOUR ROUTE 01)



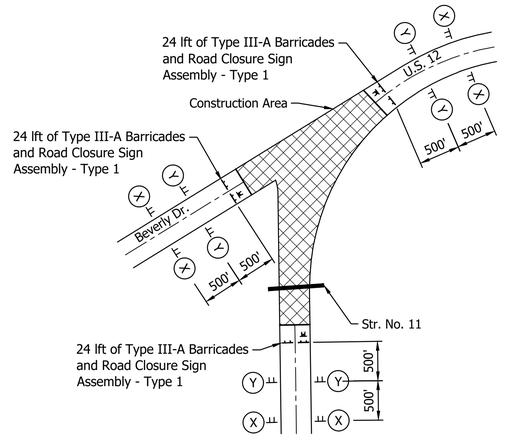
DETAIL A
Not to Scale



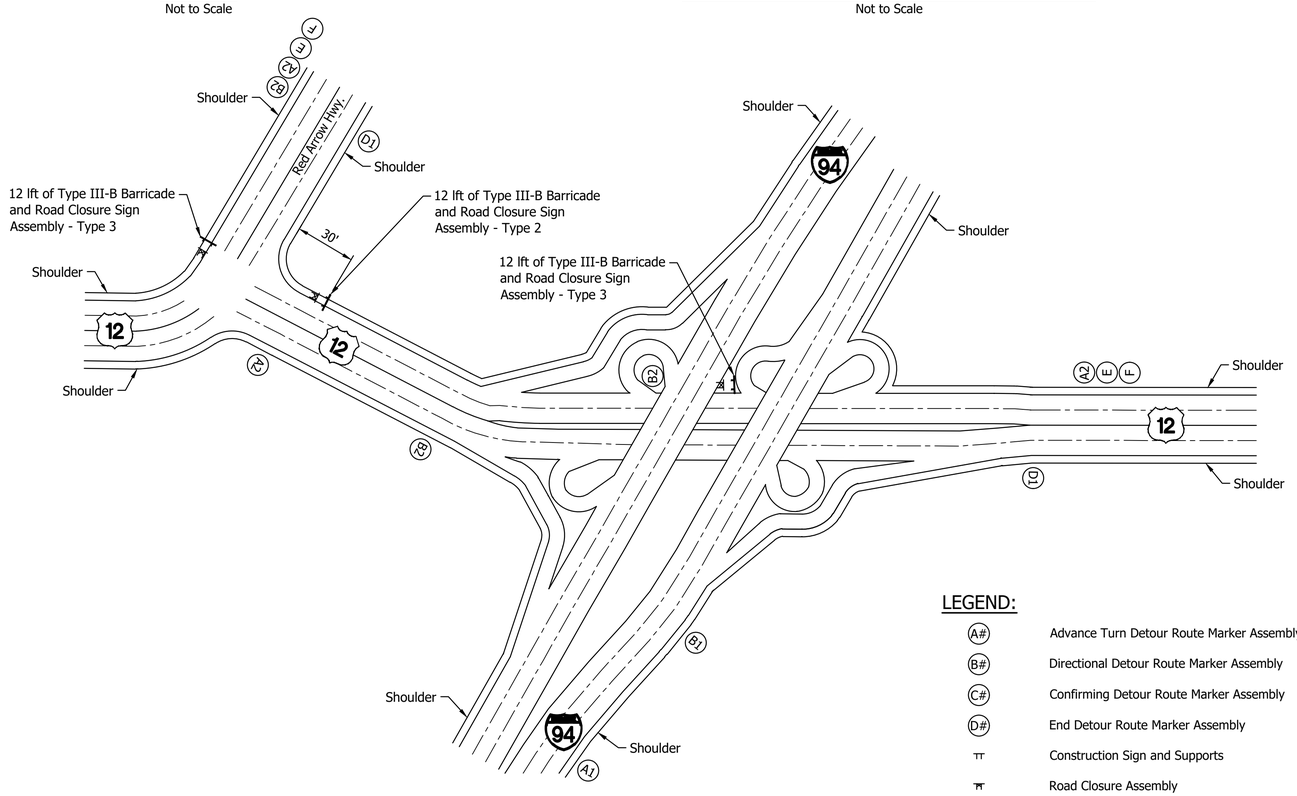
DETAIL B
Not to Scale



DETAIL C
Not to Scale



INTERSECTION IMPROVEMENT LOCATION DETAIL
Not to Scale



DETAIL D
Not to Scale

LEGEND:

- (A#) Advance Turn Detour Route Marker Assembly
- (B#) Directional Detour Route Marker Assembly
- (C#) Confirming Detour Route Marker Assembly
- (D#) End Detour Route Marker Assembly
- Construction Sign and Supports
- Road Closure Assembly
- Type III-A Barricade
- Detour Route
- Construction Area

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: TMC DRAWN: GDH

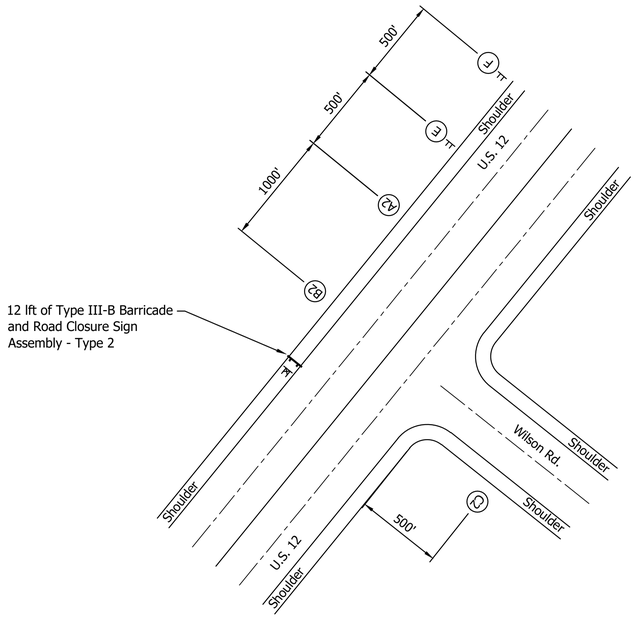
CHECKED: DGD CHECKED: TMC

INDIANA
DEPARTMENT OF TRANSPORTATION

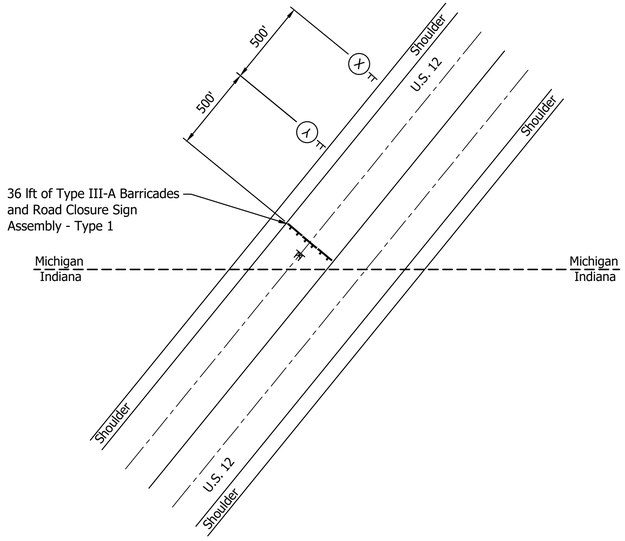
MAINTENANCE OF TRAFFIC
DETAILS

SCALE	BRIDGE FILE
NOT TO SCALE	
	DESIGNATION
	2000607
	SHEETS
	17 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:14 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800MT_DR03.dwg (MOT DETAILS)



DETAIL E
Not to Scale



DETAIL F
Not to Scale

ESTIMATE OF QUANTITIES - U.S. 12

ITEM	QUANTITY	UNIT
Maintaining Traffic	1	Lump Sum
Construction Sign Type A	91	Each
Construction Sign Type B	112	Each
Barricade Type III-A	108	Lft
Barricade Type III-B	132	Lft
Detour Route Sign Assemblies	37	Each
Road Closure Sign Assemblies	12	Each

GENERAL NOTES:

1. Install construction signs as shown on plans and as directed.
2. Construction activities shall include installation of Structure No. 11.
3. Traffic shall be detoured along S.R. 212, U.S. 20, and S.R. 520.
4. All type 'A' construction signs to have low intensity flashing yellow light, type 'A'.
5. Contractor shall notify local fire department, police, ambulance services, and schools of the work schedule and temporary traffic layouts.

LEGEND:

A#	Advance Turn Detour Route Marker Assembly
B#	Directional Detour Route Marker Assembly
C#	Confirming Detour Route Marker Assembly
	Construction Sign and Supports
	Road Closure Assembly
	Type III-A Barricade

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: TMC DRAWN: GDH

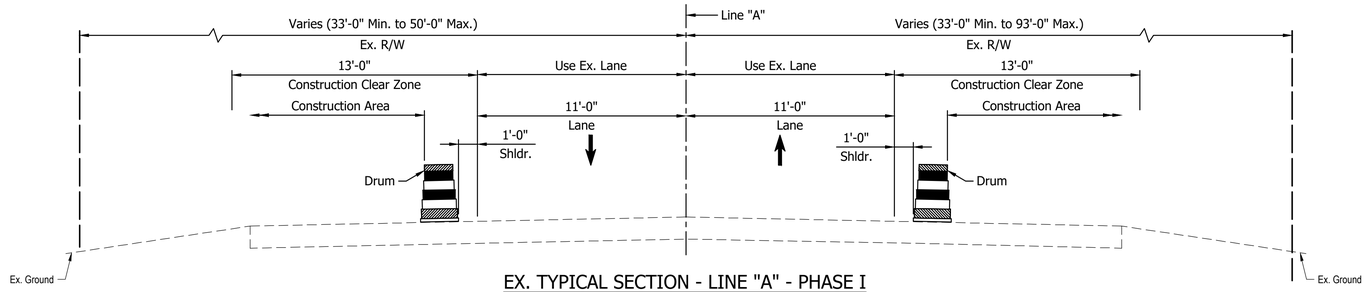
CHECKED: DGD CHECKED: TMC

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
DETAILS

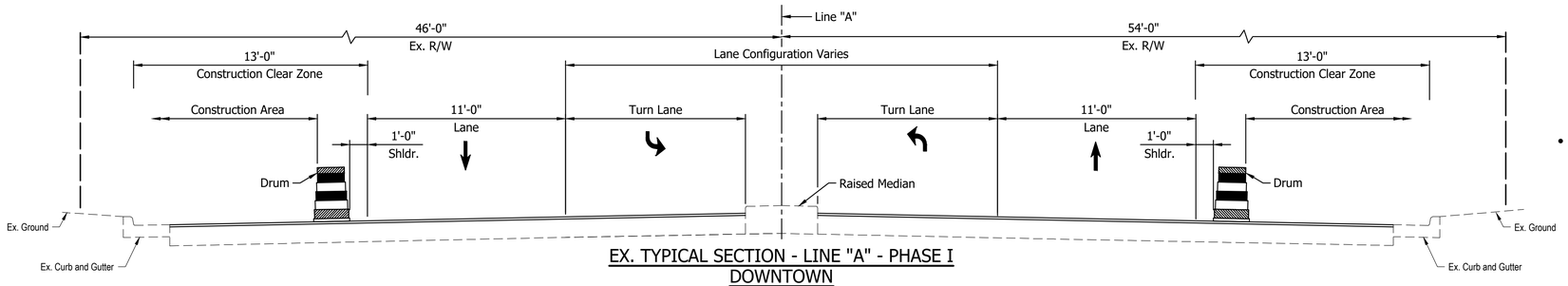
SCALE	BRIDGE FILE
NOT TO SCALE	
	DESIGNATION
	2000607
	SHEETS
	18 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:16 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800MT_DR04.dwg (MOT DETAILS)



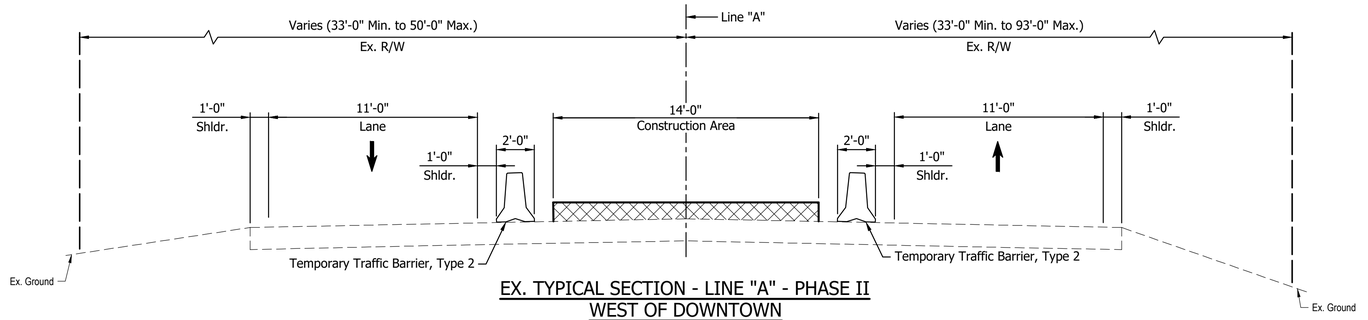
EX. TYPICAL SECTION - LINE "A" - PHASE I
WEST OF DOWNTOWN
Scale: ¼" = 1'-0"

- Construct Curb Ramps Sta. 58+60.00 to Sta. 81+32.00 Rt. and Lt. Line "A".
- Construct Guardrail Sta. 63+74.00 to Sta. 66+10.00 Lt. Line "A".



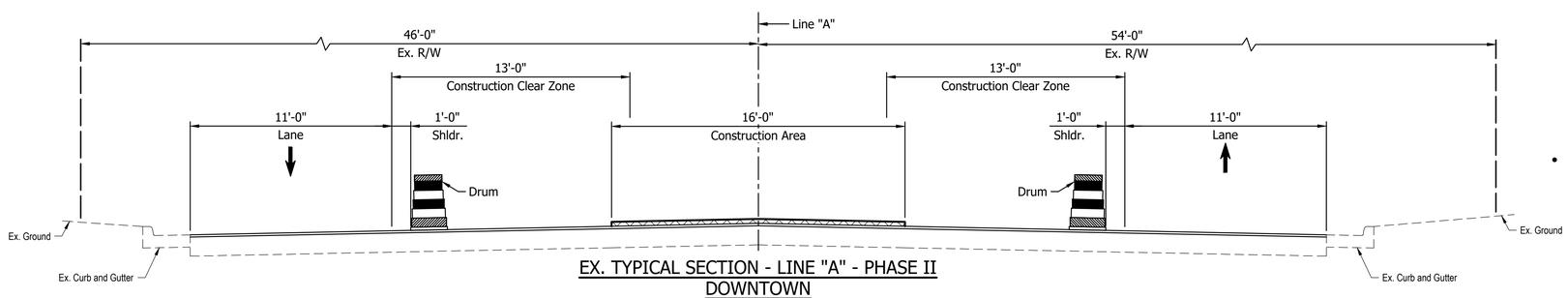
EX. TYPICAL SECTION - LINE "A" - PHASE I
DOWNTOWN
Scale: ¼" = 1'-0"

- Construct Curb Ramps Sta. 110+5.00 to Sta. 158+72.00 Rt. and Lt. Line "A".



EX. TYPICAL SECTION - LINE "A" - PHASE II
WEST OF DOWNTOWN
Scale: ¼" = 1'-0"

- Construct Singing Sand Median Crossing and Raised Median Sta. 37+45.00 to Sta. 44+00.00 Line "A".



EX. TYPICAL SECTION - LINE "A" - PHASE II
DOWNTOWN
Scale: ¼" = 1'-0"

- Construct Franklin St. Median Crossing Sta. 120+00.00 to Sta. 120+35.00 Line "A".

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

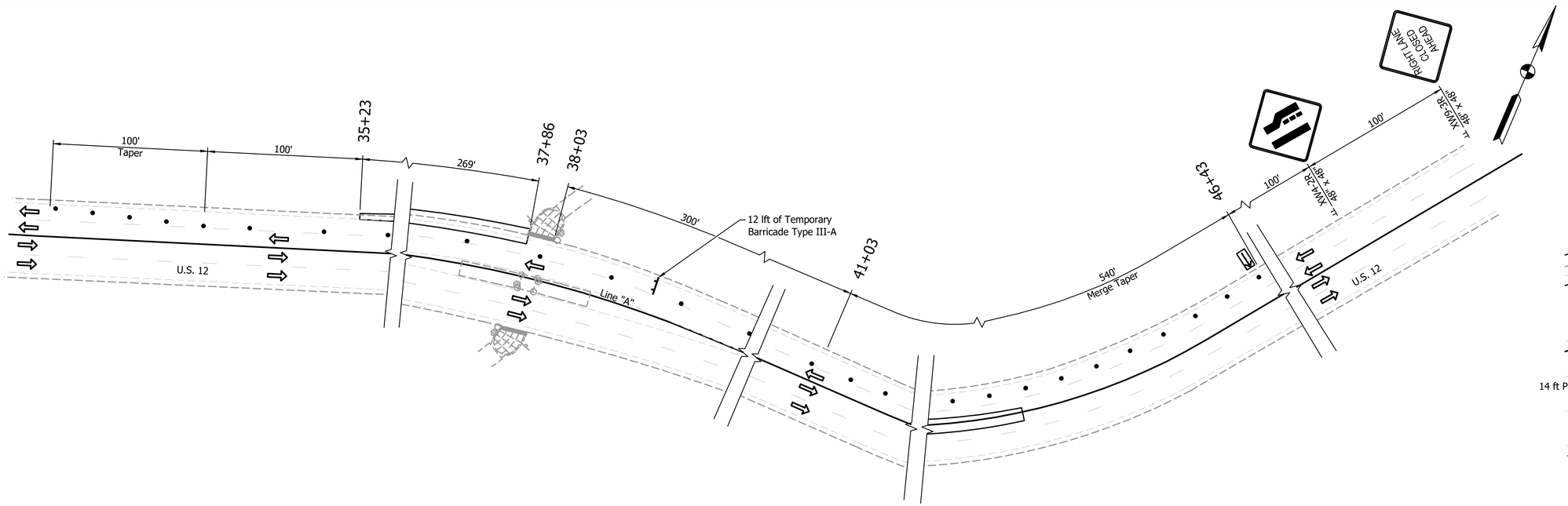
DESIGNED: TMC DRAWN: PJV
CHECKED: DGD CHECKED: TMC

INDIANA
DEPARTMENT OF TRANSPORTATION

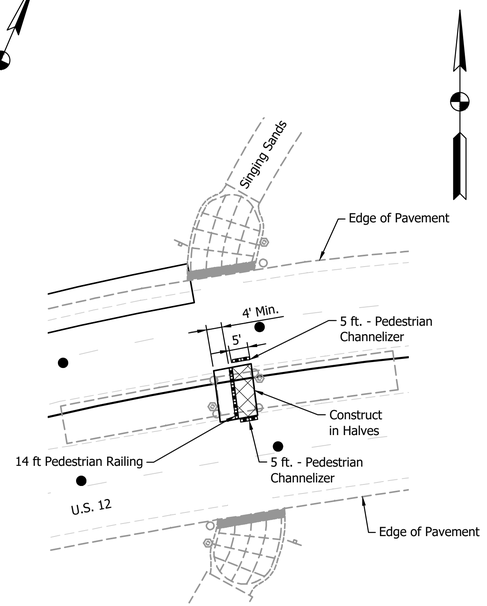
MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

SCALE	BRIDGE FILE
1/4" = 1'-0"	
	DESIGNATION
	2000607
	SHEETS
	19 of 142
	CONTRACT
	R-43027

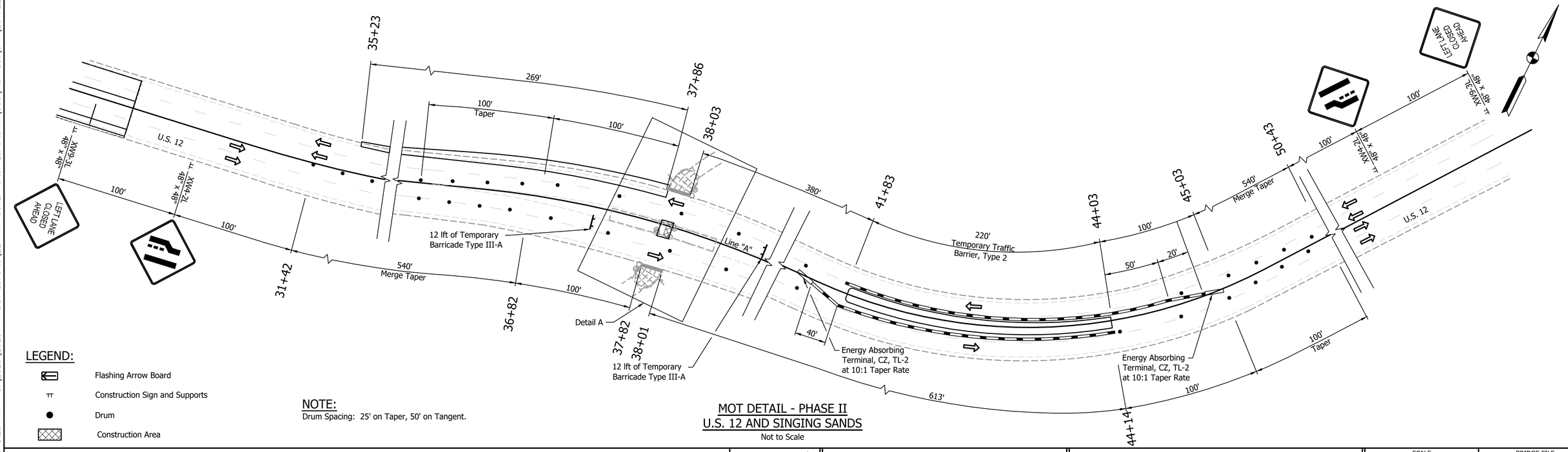
DJT – 11/13/2025 8:21 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722MT_TS – MOT TYPSEC)
201722MT_TS.dwg



MOT DETAIL - PHASE I
U.S. 12 AND SINGING SANDS
Not to Scale



DETAIL A
Scale: 1" = 20'



LEGEND:

- Flashing Arrow Board
- Construction Sign and Supports
- Drum
- Construction Area

NOTE:
Drum Spacing: 25' on Taper, 50' on Tangent.

MOT DETAIL - PHASE II
U.S. 12 AND SINGING SANDS
Not to Scale

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: TMC | DRAWN: GDH

CHECKED: DGD | CHECKED: TMC

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE I & II DETAILS

SCALE	BRIDGE FILE
AS NOTED	
	DESIGNATION
	2000607
	SHEETS
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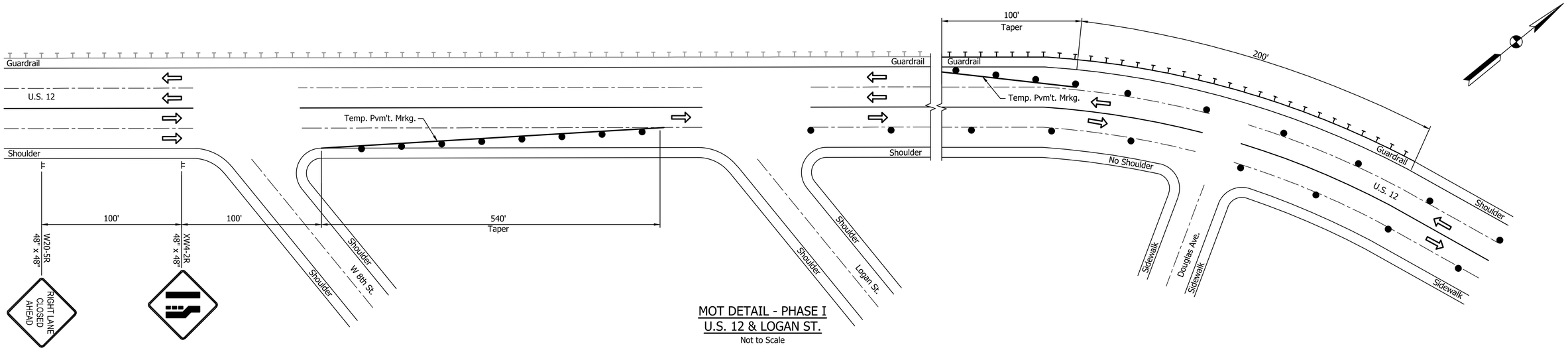
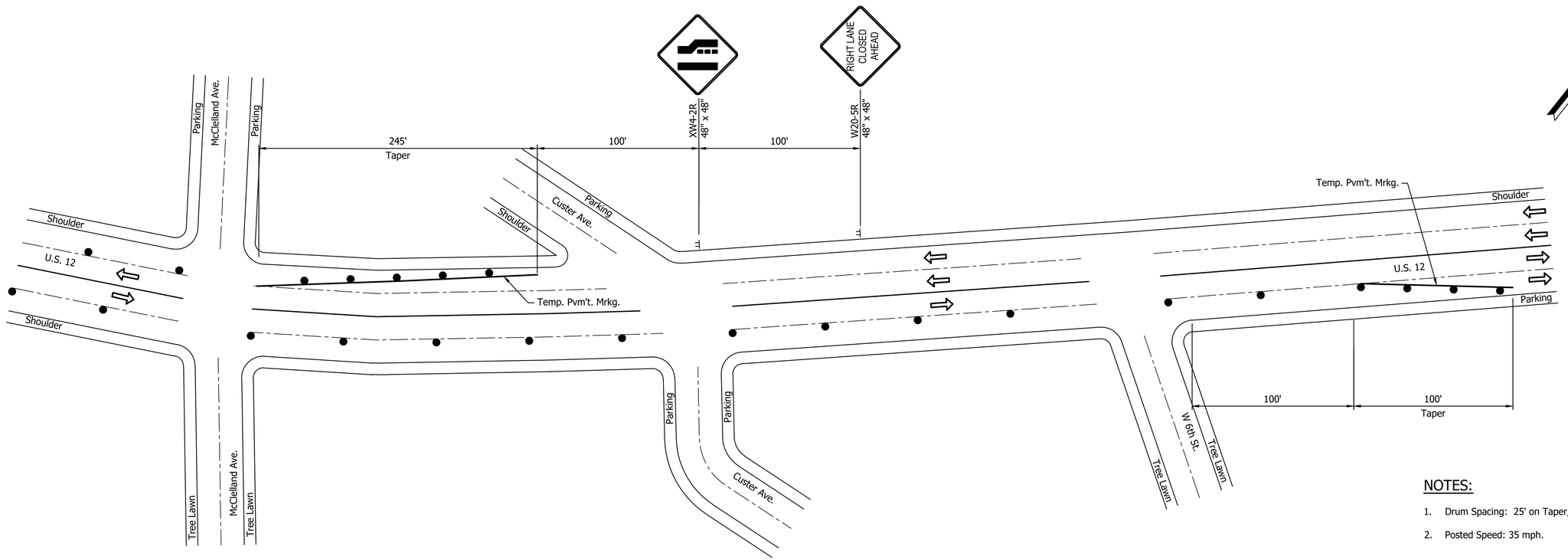
	CONTRACT
	R-43027

GDH – 11/13/2025 8:23 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722MT_DT07.dwg (MOT DETAIL – PH. I)



MOT DETAIL - PHASE I
U.S. 12 & LOGAN ST.
Not to Scale



MOT DETAIL - PHASE I
U.S. 12 & CUSTER AVE.
Not to Scale

NOTES:

1. Drum Spacing: 25' on Taper, 50' on Tangent.
2. Posted Speed: 35 mph.

LEGEND:

TT Construction Sign and Supports

● Drum

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: FTP | DRAWN: PJV

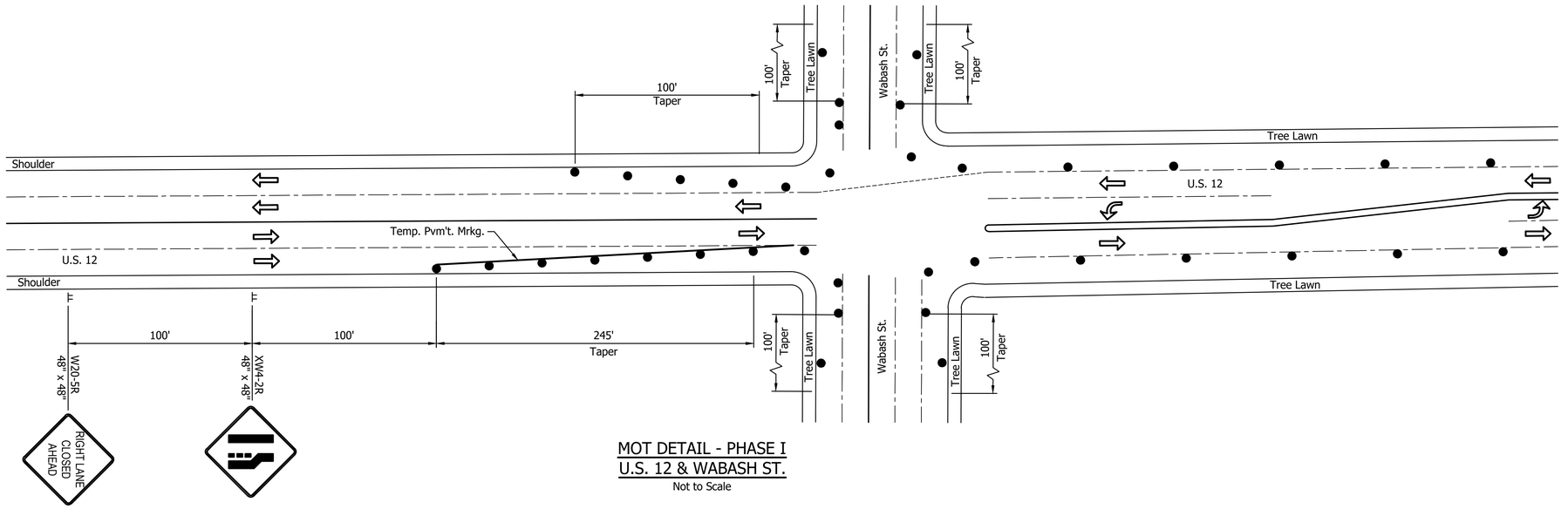
CHECKED: DGD | CHECKED: FTP

INDIANA
DEPARTMENT OF TRANSPORTATION

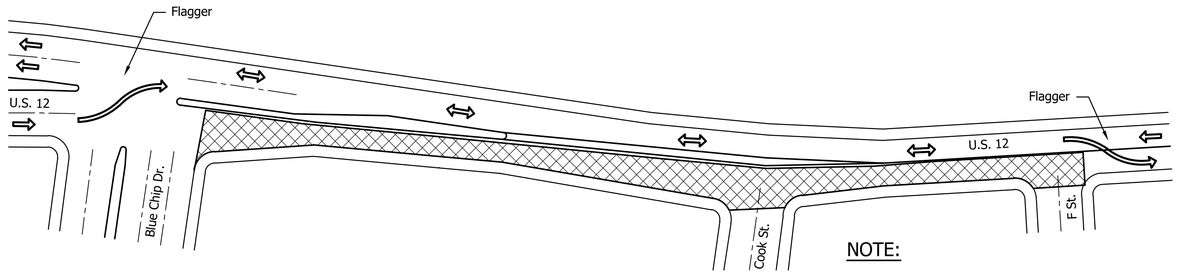
MAINTENANCE OF TRAFFIC
PHASE I DETAILS

SCALE	BRIDGE FILE
NOT TO SCALE	
	DESIGNATION
	2000607
SHEETS	
21 of 142	
CONTRACT	
R-43027	

PJV – 11/13/2025 8:15 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800MT_DR05.dwg (MOT DETAILS)



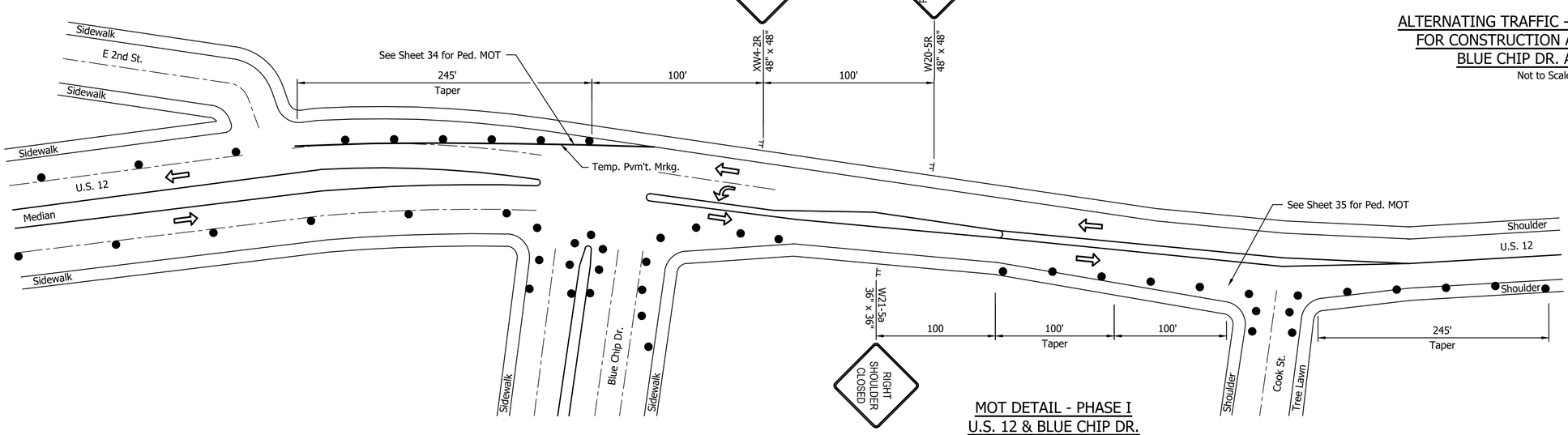
MOT DETAIL - PHASE I
U.S. 12 & WABASH ST.
Not to Scale



NOTE:

Traffic flipped to south when north constructed.

ALTERNATING TRAFFIC - FLAGGER DETAIL
FOR CONSTRUCTION AREA BETWEEN
BLUE CHIP DR. AND F ST.
Not to Scale



MOT DETAIL - PHASE I
U.S. 12 & BLUE CHIP DR.
Not to Scale

NOTES:

1. Drum Spacing: 25' on Taper, 50' on Tangent.
2. Posted Speed: 35mph.

LEGEND:

- Construction Sign and Supports
- Drum
- Construction Area

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: TMC | DRAWN: PJV

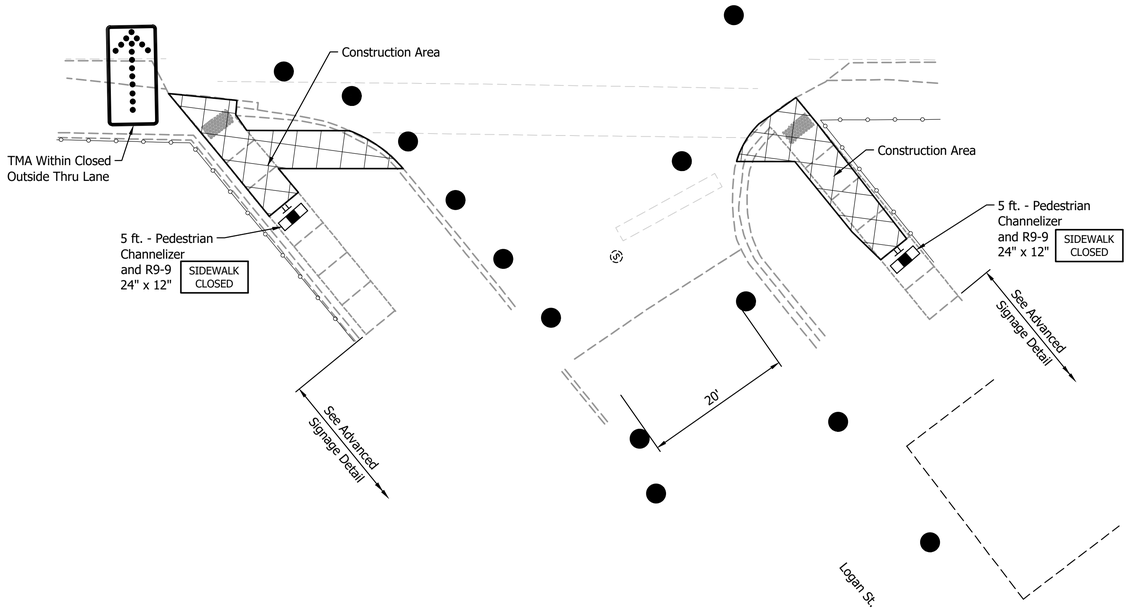
CHECKED: DGD | CHECKED: TMC

INDIANA
DEPARTMENT OF TRANSPORTATION

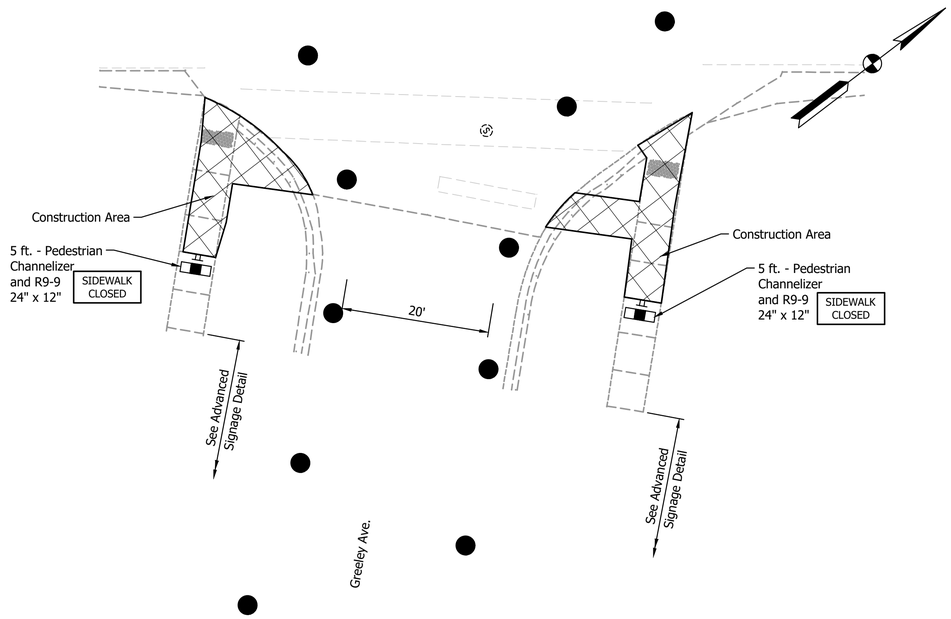
MAINTENANCE OF TRAFFIC
PHASE I DETAILS

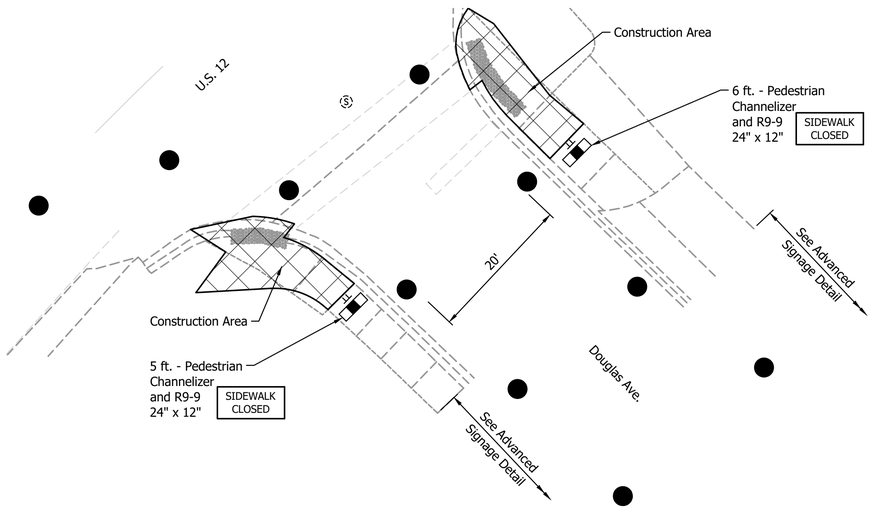
SCALE	BRIDGE FILE
NOT TO SCALE	
	DESIGNATION
	2000607
	SHEETS
	22 of 142
	CONTRACT
	R-43027

DJT – 11/13/2025 8:19 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800MT_DR06.dwg (MOT DETAILS)

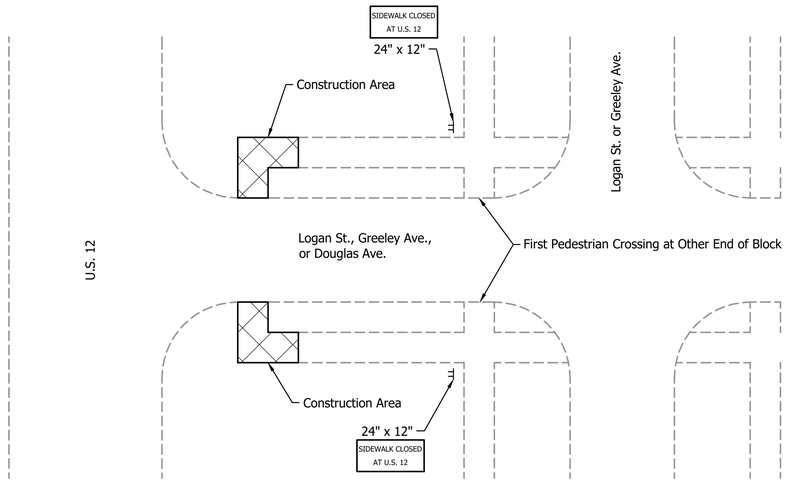


PEDESTRIAN MOT DETAIL
U.S. 12 AND LOGAN ST., U.S. 12 AND GREELEY AVE.
Scale: 1" = 10'

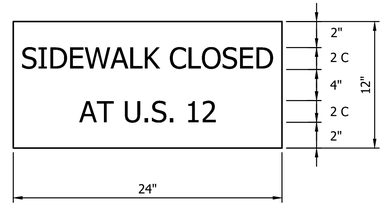




PEDESTRIAN MOT DETAIL
U.S. 12 AND DOUGLAS AVE.
Scale: 1" = 10'



ADVANCED SIGNAGE DETAIL
Not To Scale



BORDER
R=1.5"
TH=0.625"

C.S.-1D

LEGEND:

- Drum
- Construction Sign
- Pedestrian Channelizer
- Construction Area
- Truck Mounted Attenuator

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

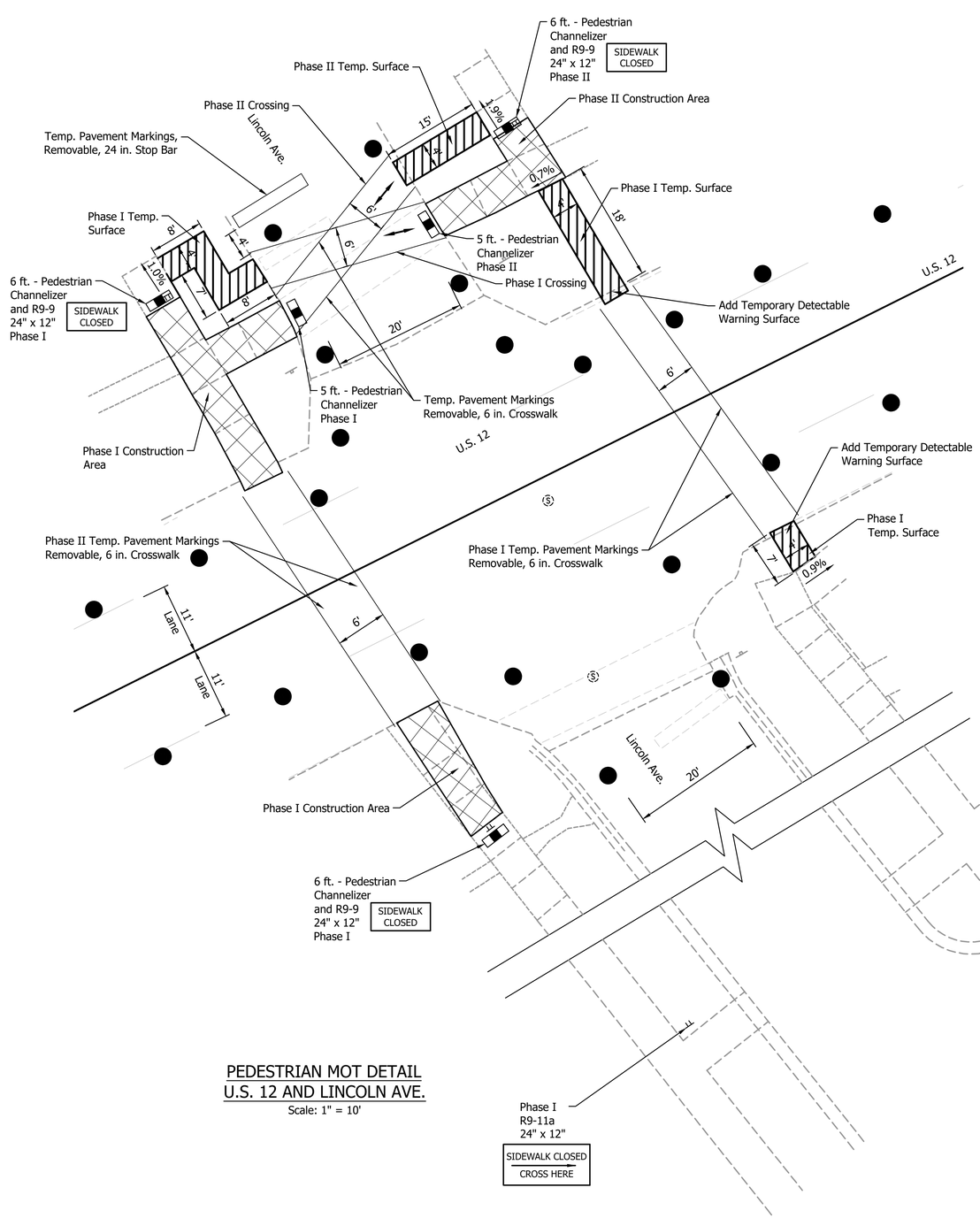
DESIGNED: DJT
DRAWN: GDH
CHECKED: DGD
CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

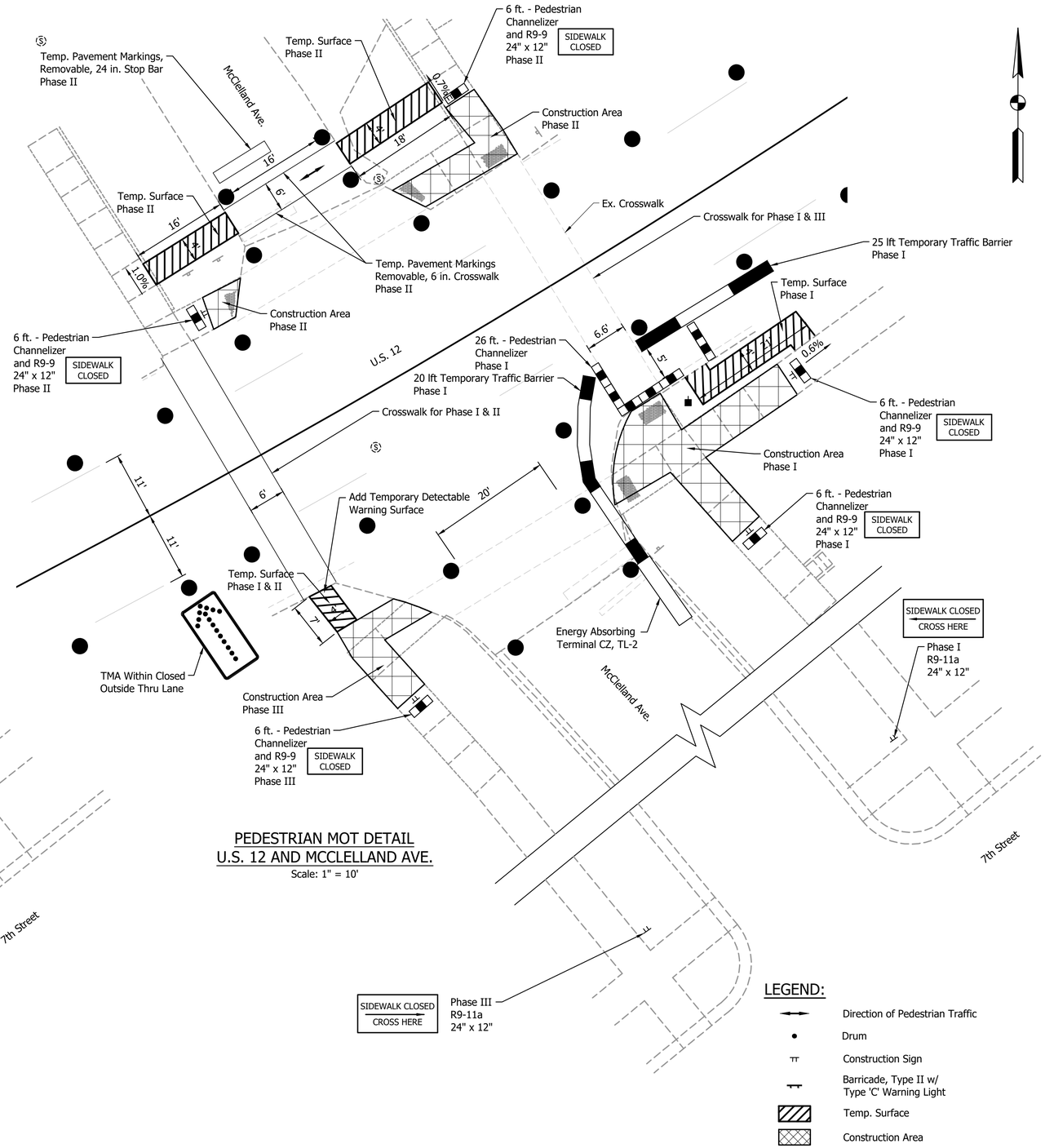
MAINTENANCE OF TRAFFIC
PEDESTRIAN

SCALE	BRIDGE FILE
AS NOTED	
	DESIGNATION
	2000607
	SHEETS
	23 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:19 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MT\Cad\Plan Set\Civil\201722MT_PL01.dwg (MT03)



PEDESTRIAN MOT DETAIL
U.S. 12 AND LINCOLN AVE.
Scale: 1" = 10'



PEDESTRIAN MOT DETAIL
U.S. 12 AND MCCLELLAND AVE.
Scale: 1" = 10'

LEGEND:

- Direction of Pedestrian Traffic
- Drum
- Construction Sign
- Barricade, Type II w/ Type 'C' Warning Light
- Temp. Surface
- Construction Area
- Truck Mounted Attenuator

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

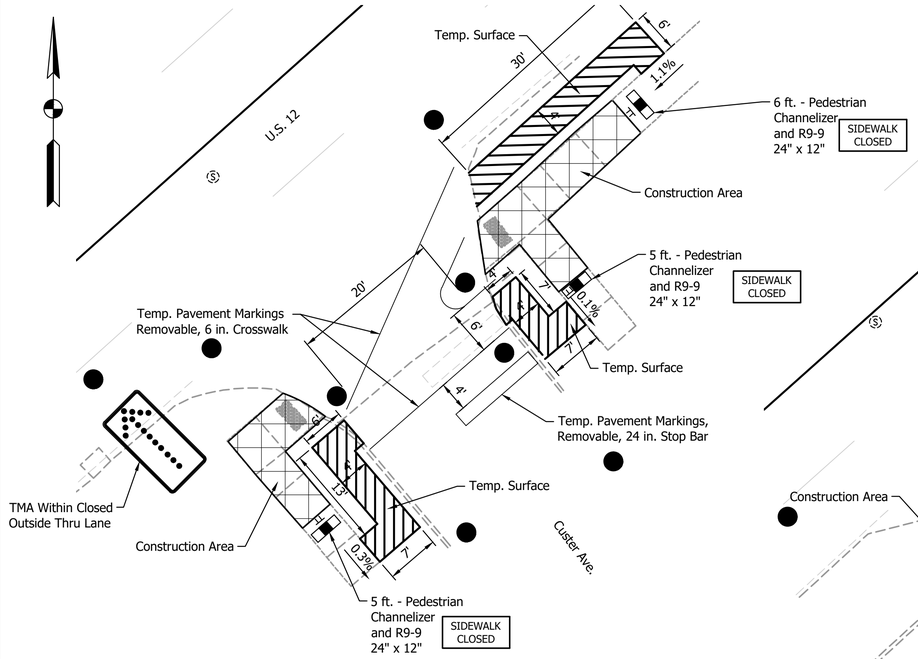
DESIGNED: DJT DRAWN: GDH
CHECKED: DGD CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

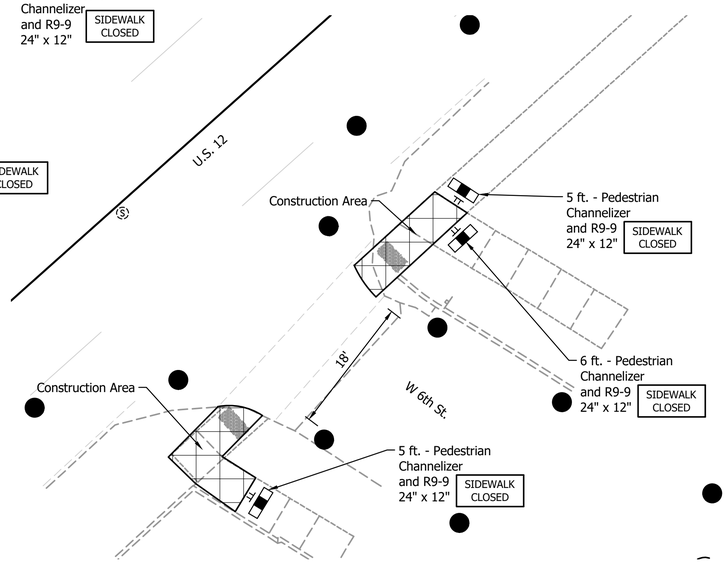
MAINTENANCE OF TRAFFIC
PEDESTRIAN

SCALE	BRIDGE FILE
1" = 10'	
	DESIGNATION
	2000607
	SHEETS
	24 of 142
	CONTRACT
	R-43027

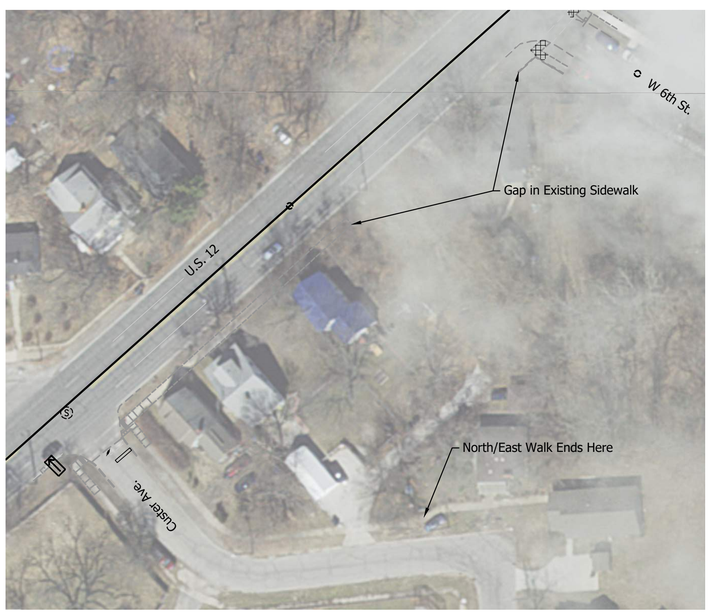
PJV — 11/13/2025 8:14 AM — U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722MT_PL01.dwg (MT05)



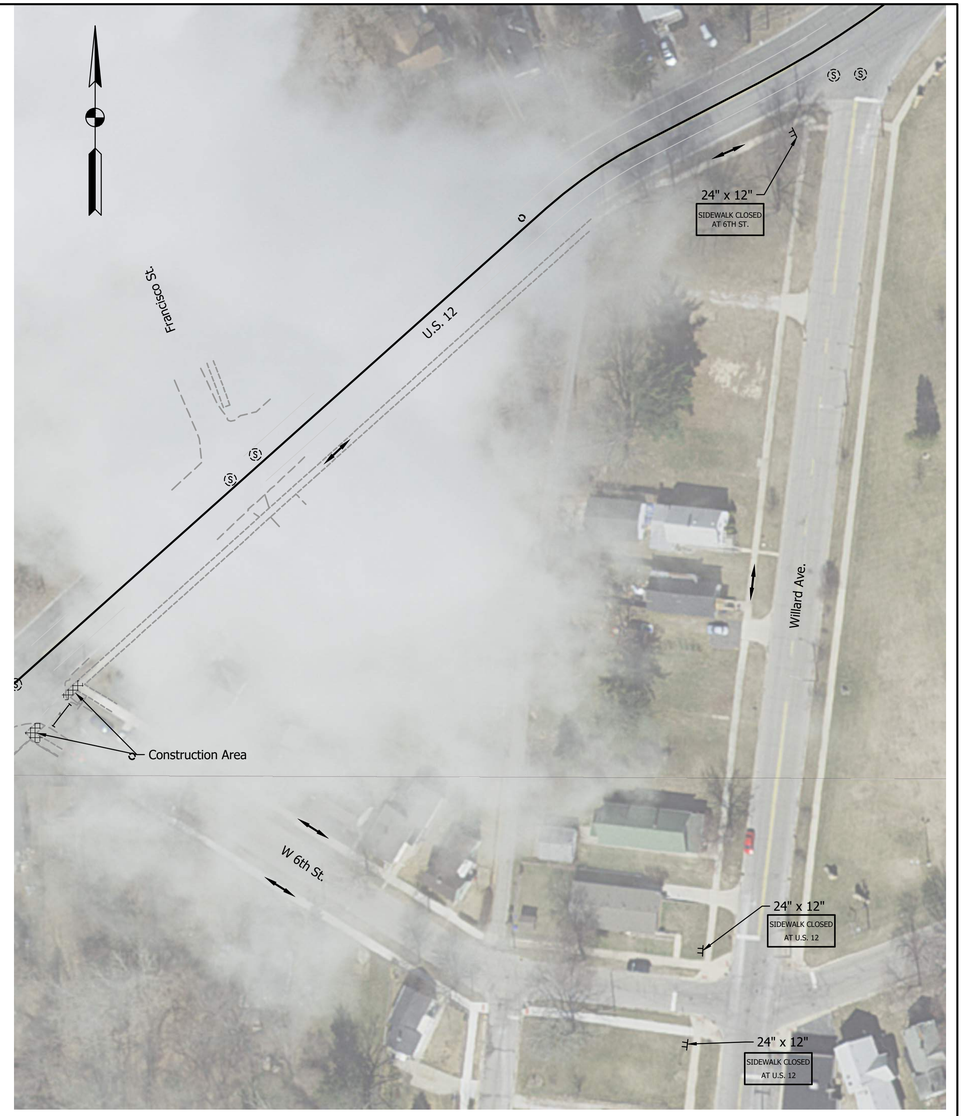
PEDESTRIAN MOT DETAIL
U.S. 12 AND CUSTER AVE.
Scale: 1" = 10'



PEDESTRIAN MOT DETAIL
U.S. 12 AND WEST SIXTH ST.
Scale: 1" = 10'



PEDESTRIAN MOT DETAIL
U.S. 12 AND CUSTER AVE. DETOUR
Scale: 1" = 50'



PEDESTRIAN MOT DETAIL
U.S. 12 AND WEST SIXTH ST. DETOUR
Scale: 1" = 50'

LEGEND:

- Direction of Pedestrian Traffic
- Drum
- Construction Sign
- Pedestrian Channelizer
- Construction Area
- Truck Mounted Attenuator

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

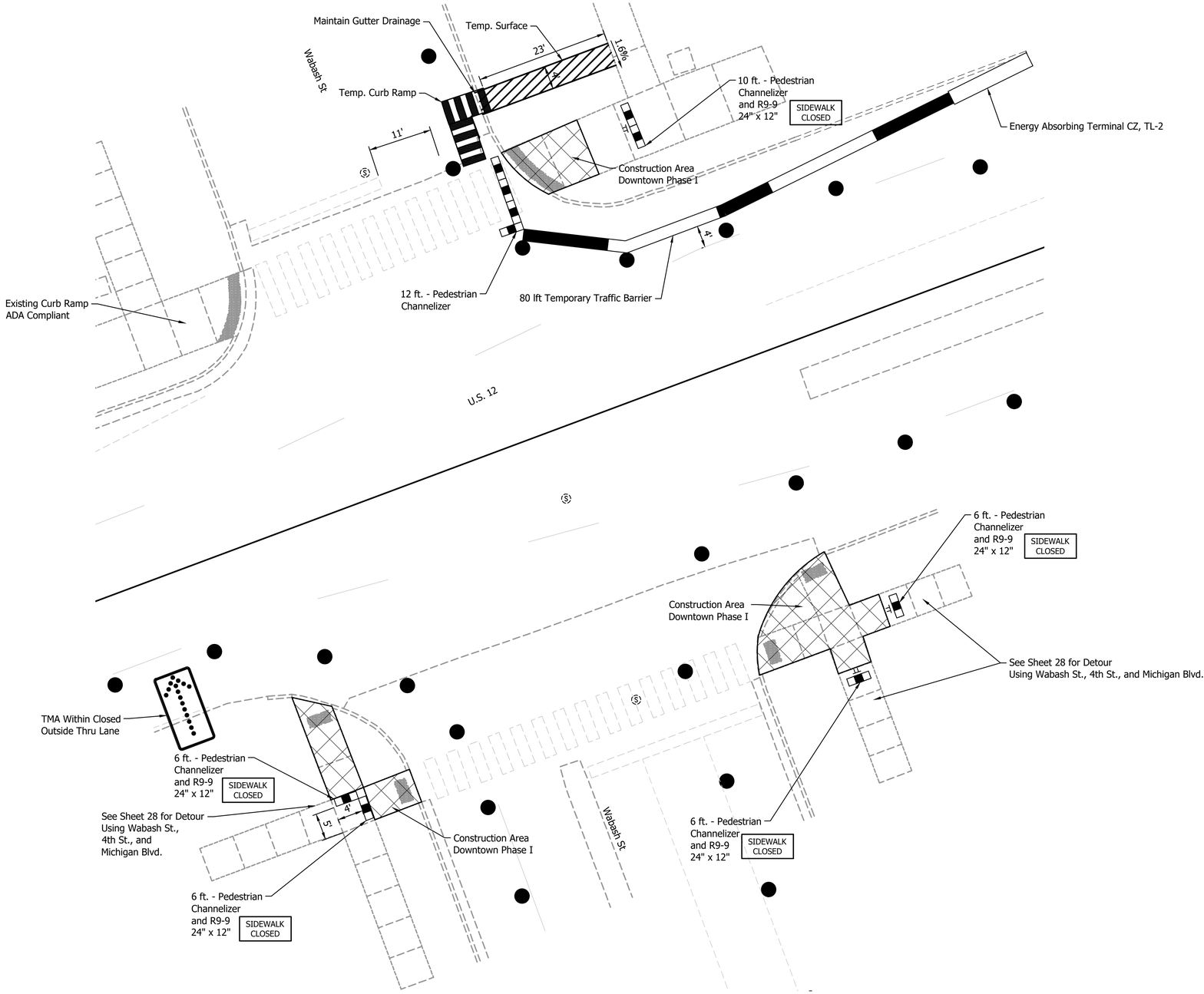
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PEDESTRIAN

SCALE	BRIDGE FILE
AS NOTED	
	DESIGNATION
	2000607
	SHEETS
	25 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:15 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MT\Cad\Plan Set\Civil\201722MT_PL01.dwg (MT06)



PEDESTRIAN MOT DETAIL
U.S. 12 AND WABASH ST.
Scale: 1" = 10'

LEGEND:

- Drum
- Construction Sign
- Pedestrian Channelizer
- Temporary Surface
- Construction Area
- Truck Mounted Attenuator

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

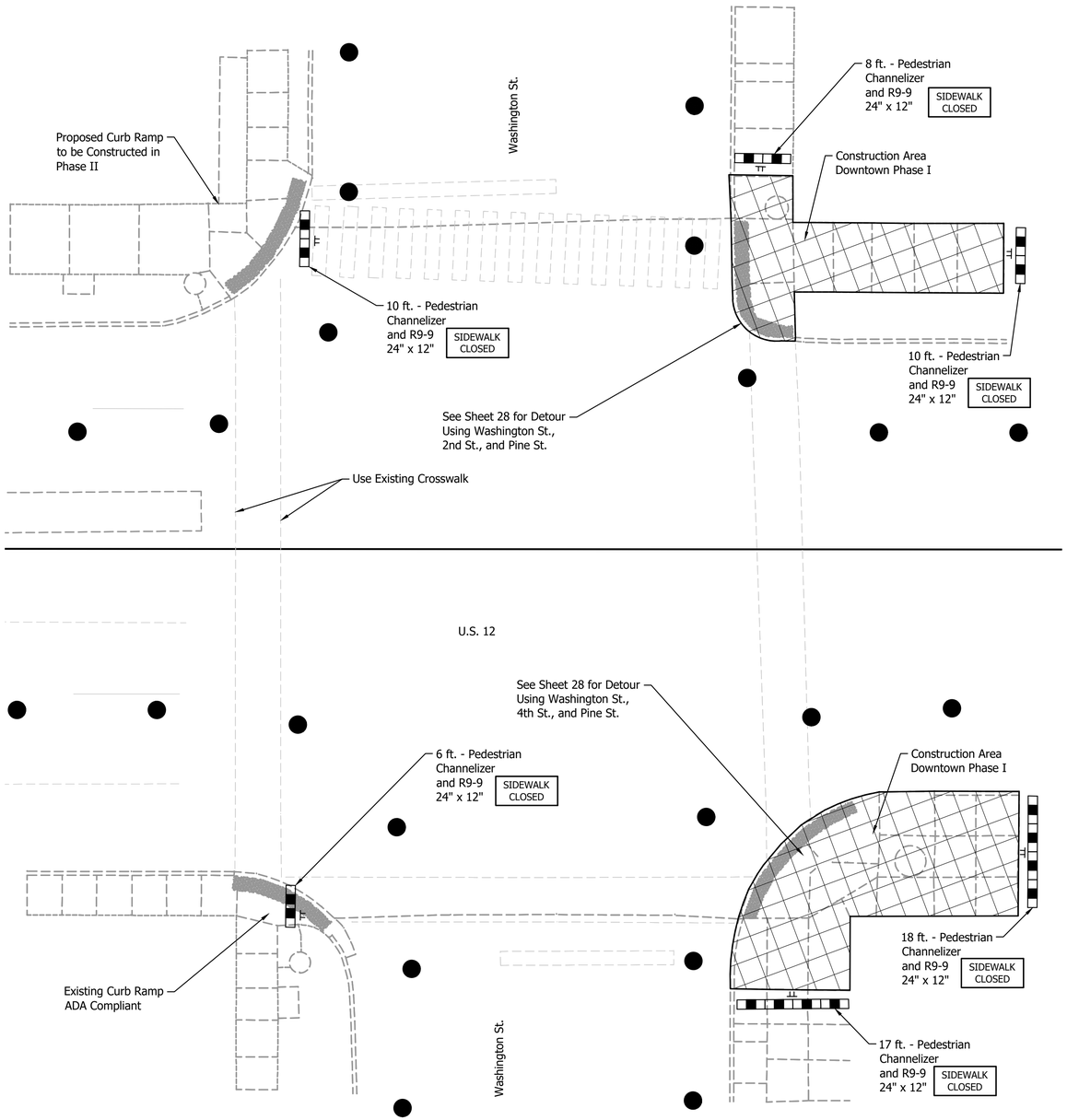
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

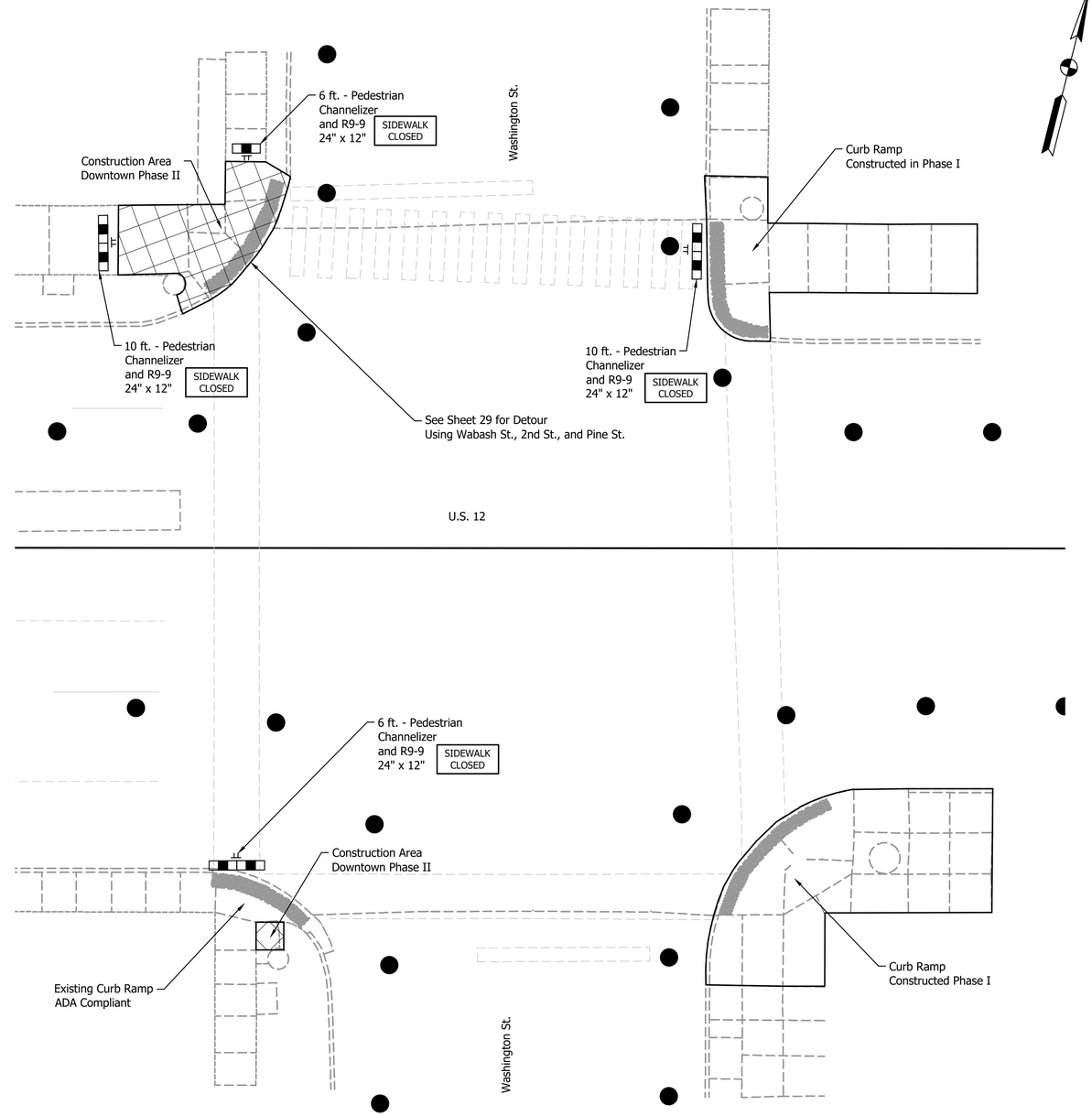
MAINTENANCE OF TRAFFIC
PEDESTRIAN

SCALE	BRIDGE FILE
1" = 10'	
	DESIGNATION
	2000607
	SHEETS
	26 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:22 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722MT_PL01.dwg (MT07)



PEDESTRIAN MOT DETAIL
U.S. 12 AND WASHINGTON ST. PHASE I
Scale: 1" = 10'



PEDESTRIAN MOT DETAIL
U.S. 12 AND WASHINGTON ST. PHASE II
Scale: 1" = 10'

LEGEND:

- Drum
- Construction Sign
- Pedestrian Channelizer
- Construction Area

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

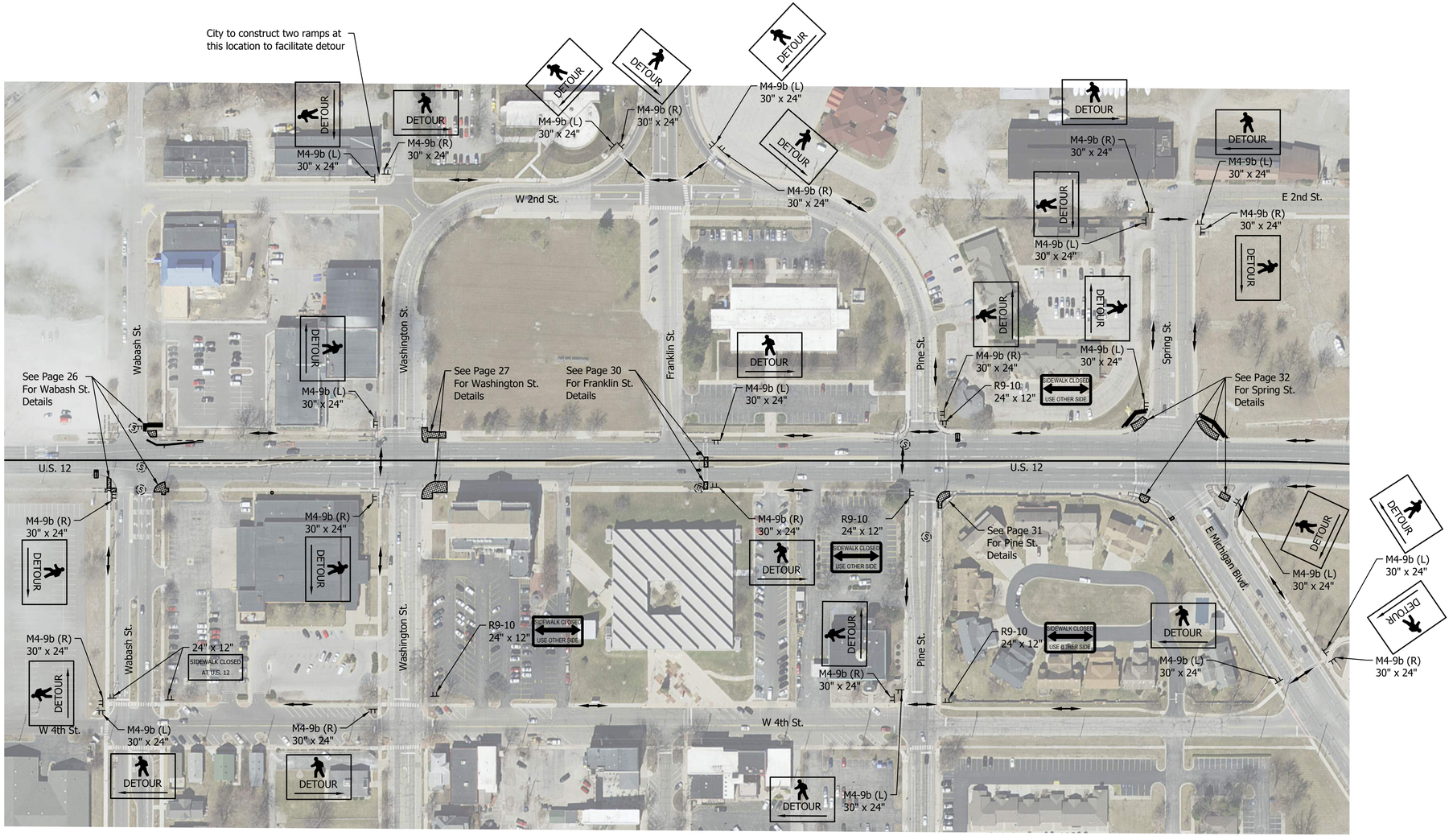
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PEDESTRIAN

SCALE	BRIDGE FILE
1" = 10'	
	DESIGNATION
	2000607
	SHEETS
	27 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:15 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722MT_PL01.dwg (MT08)



PEDESTRIAN MOT DETAIL
DOWNTOWN DETOUR PHASE I
Scale: 1" = 100'

LEGEND:

Direction of Pedestrian Traffic

Construction Area

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

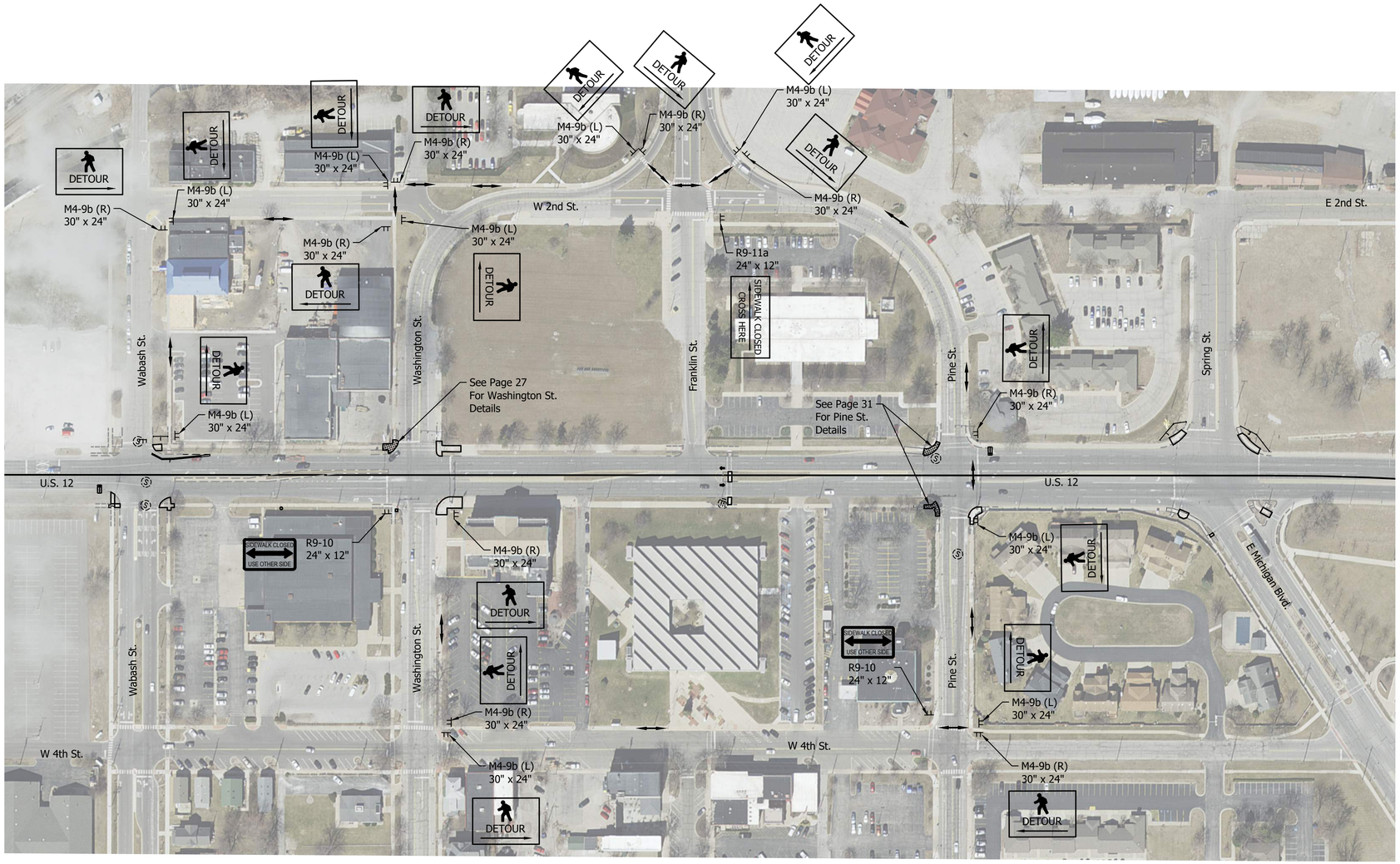
DESIGNED: DJT | DRAWN: GDH | CHECKED: DGD | CHECKED: DJT

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PEDESTRIAN

SCALE	BRIDGE FILE
1" = 100'	
	DESIGNATION 2000607
	SHEETS 28 of 142
	CONTRACT R-43027

PJV – 11/13/2025 8:16 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\20172 2MT_PL01.dwg (MT09 PHI)



PEDESTRIAN MOT DETAIL
DOWNTOWN DETOUR PHASE II
Scale: 1" = 100'

LEGEND:

- Direction of Pedestrian Traffic
- Construction Area

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: PJV

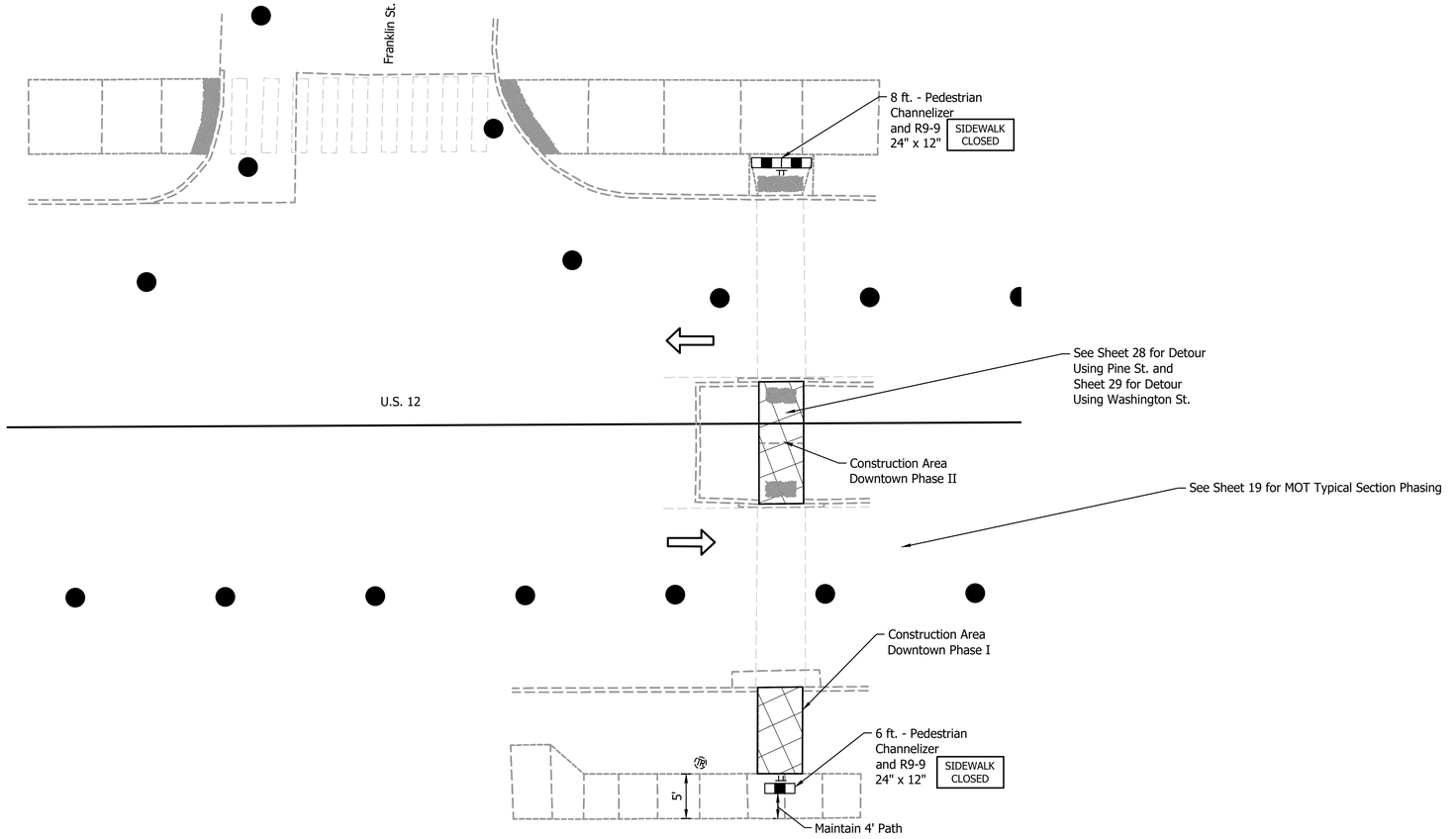
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PEDESTRIAN

SCALE	BRIDGE FILE
1" = 100'	
	DESIGNATION
	2000607
	SHEETS
	29 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:17 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722MT_PL01.dwg (MT09 PHII)



PEDESTRIAN MOT DETAIL
U.S. 12 AND FRANKLIN ST.
Scale: 1" = 10'

LEGEND:

- Drum
- Construction Sign
- Pedestrian Channelizer
- Construction Area

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

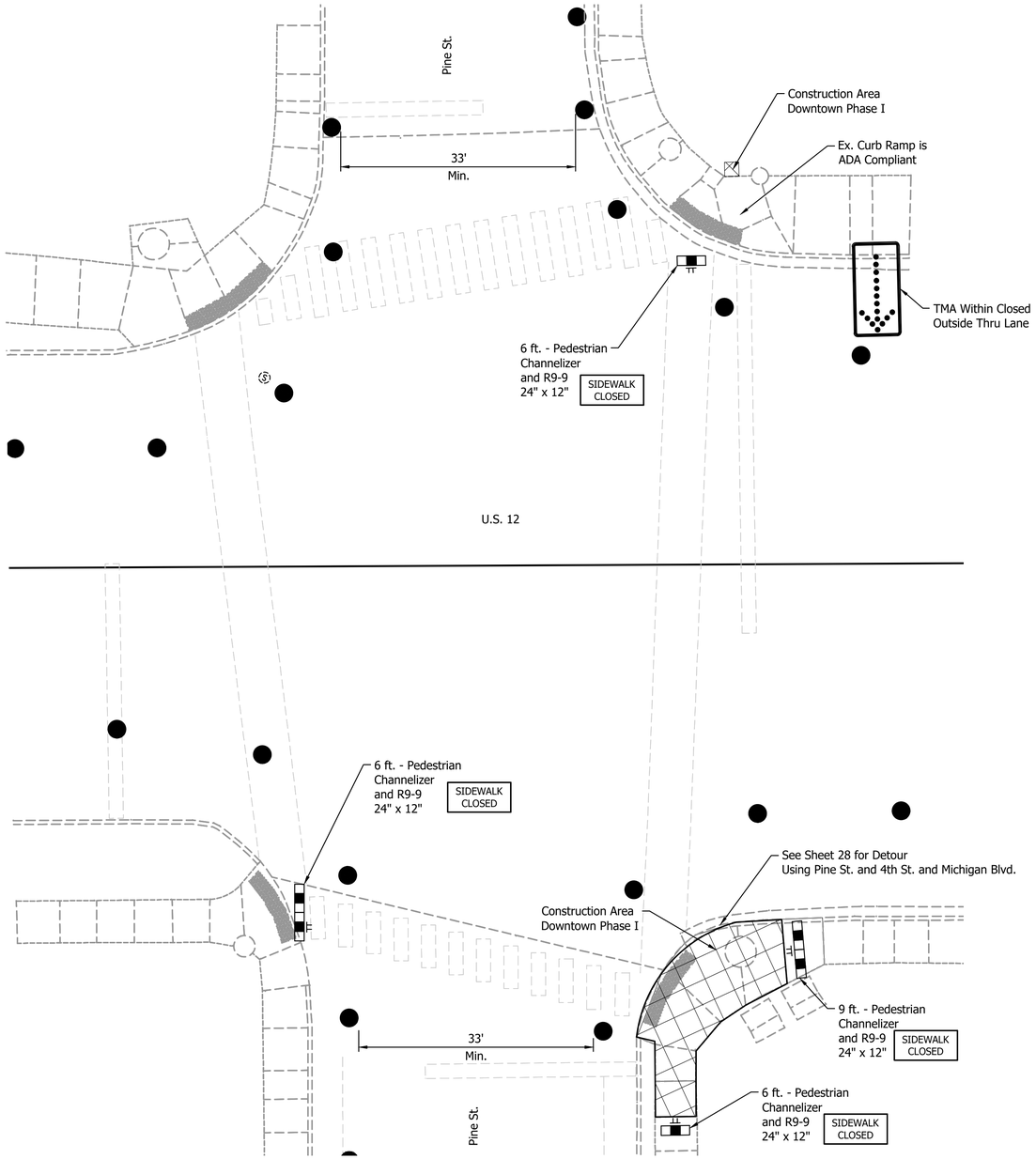
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

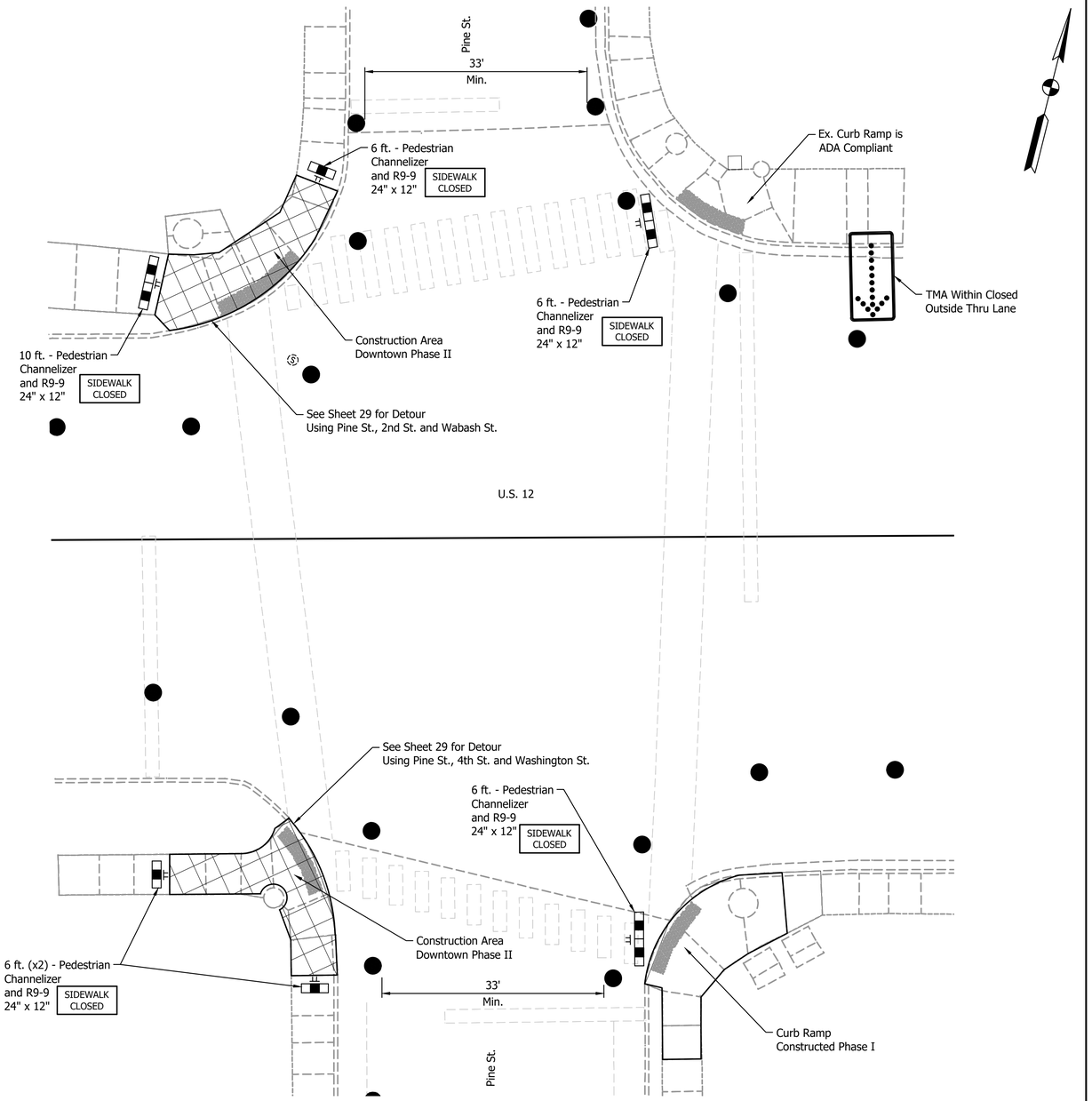
MAINTENANCE OF TRAFFIC
PEDESTRIAN

SCALE	BRIDGE FILE
1" = 10'	
	DESIGNATION
	2000607
SHEETS	
30 of 142	
CONTRACT	
R-43027	

PJV – 11/13/2025 8:18 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722MT_PL01.dwg (MT10)



PEDESTRIAN MOT DETAIL
U.S. 12 AND PINE ST. PHASE I
Scale: 1" = 10'



PEDESTRIAN MOT DETAIL
U.S. 12 AND PINE ST. PHASE II
Scale: 1" = 10'

LEGEND:

- Drum
- Construction Sign
- Pedestrian Channelizer
- Construction Area
- Truck Mounted Attenuator

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

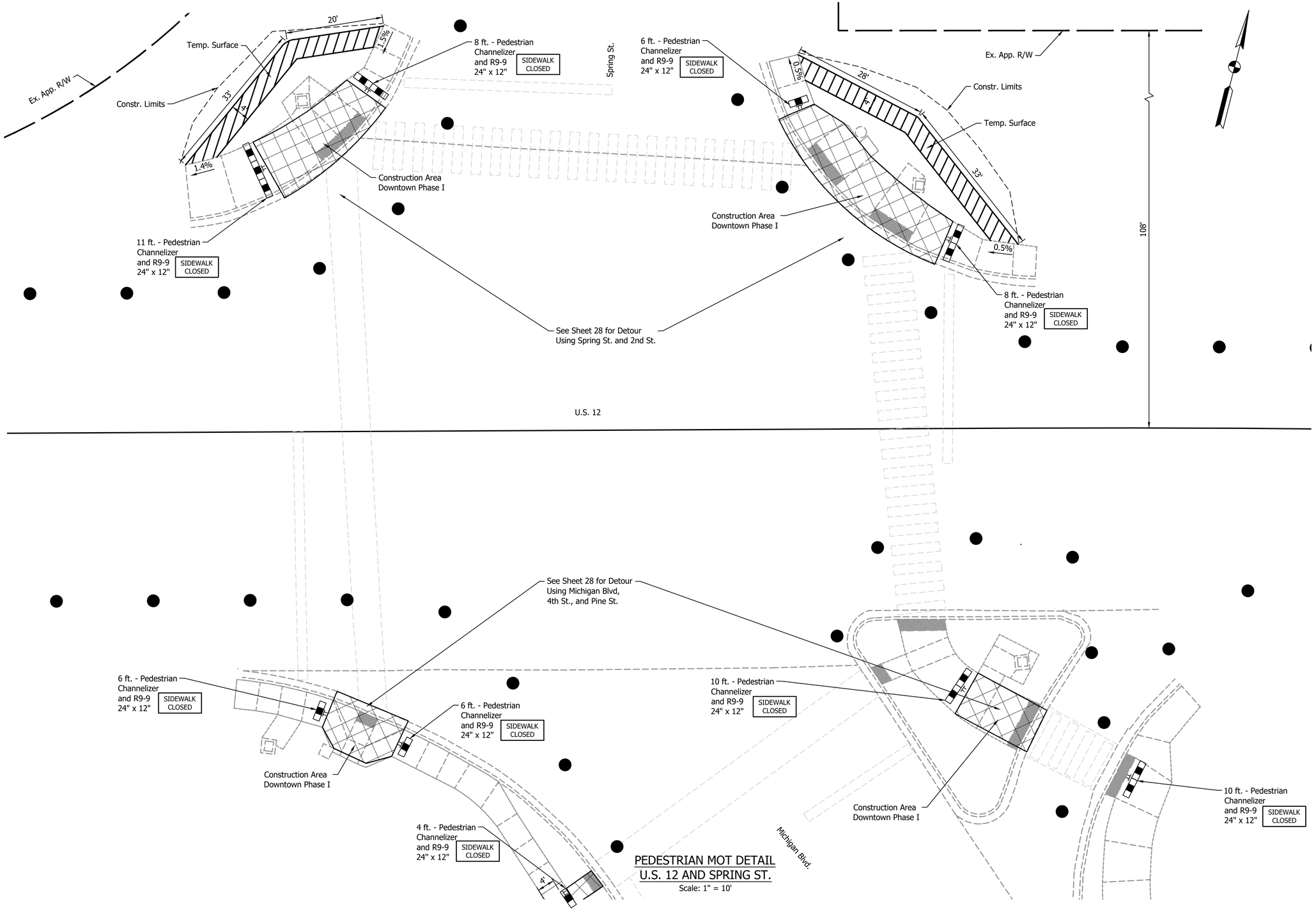
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PEDESTRIAN

SCALE	BRIDGE FILE
1" = 10'	
	DESIGNATION
	2000607
	SHEETS
	31 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:17 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722MT_PL01.dwg (MT11)



PEDESTRIAN MOT DETAIL
U.S. 12 AND SPRING ST.
Scale: 1" = 10'

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

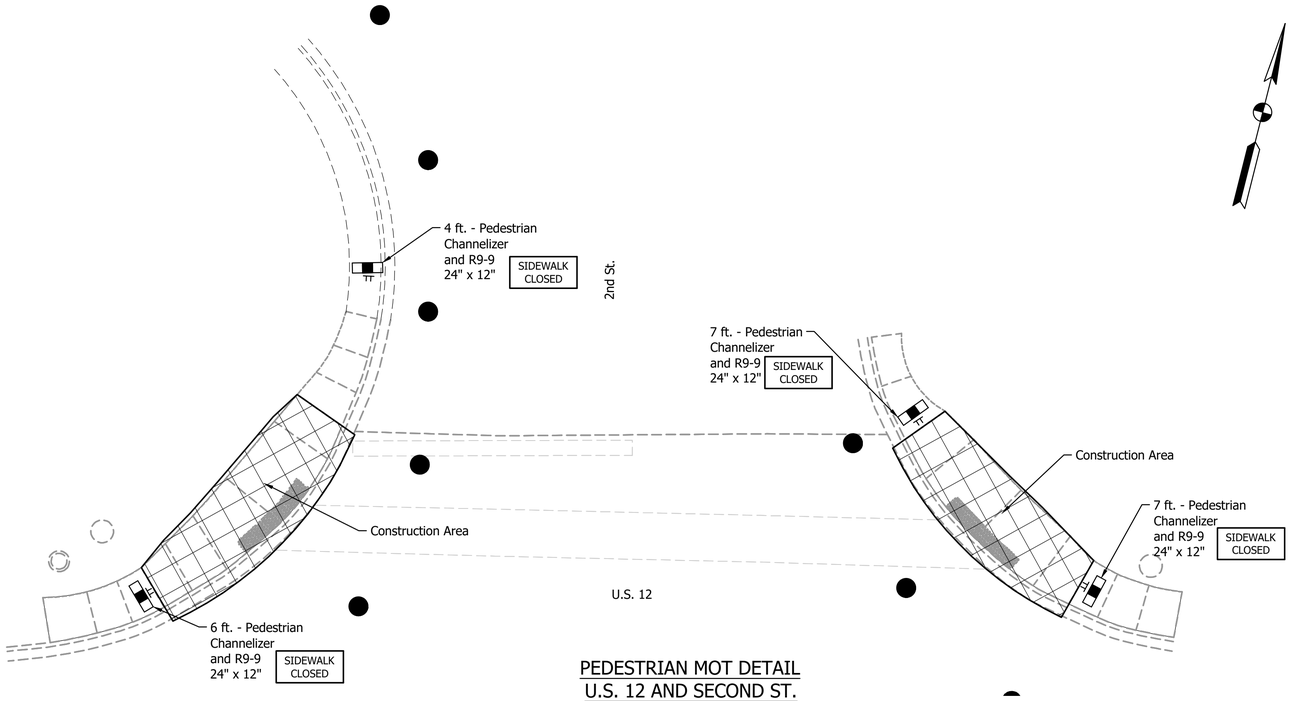
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

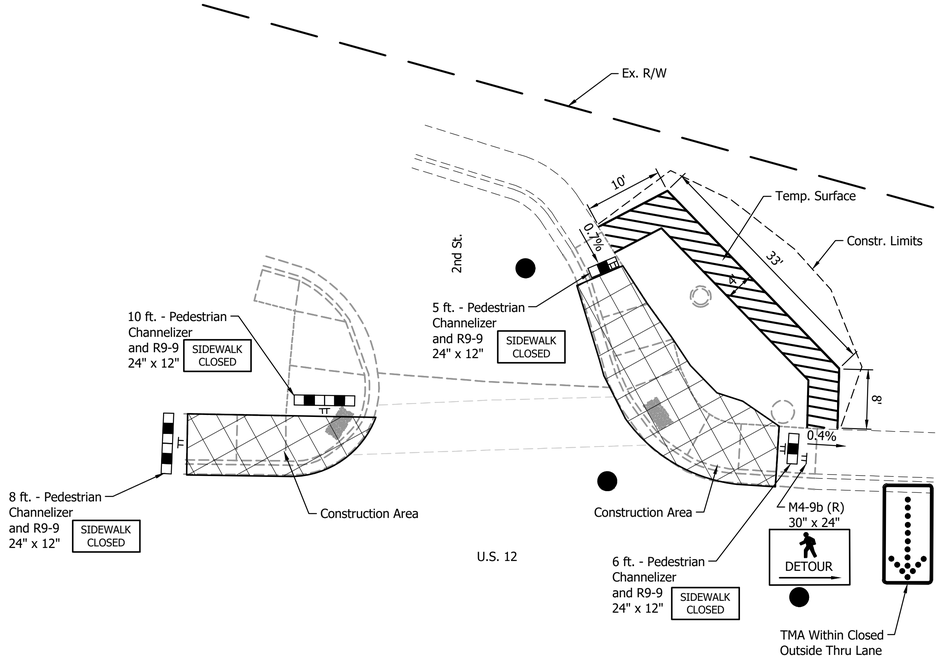
MAINTENANCE OF TRAFFIC
PEDESTRIAN

SCALE	BRIDGE FILE
1" = 10'	
	DESIGNATION
	2000607
	SHEETS
	32 of 142
	CONTRACT
	R-43027

PJW – 11/13/2025 8:19 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MT\Cad\Plan Set\Civil\201722MT_PL01.dwg (MT12)



PEDESTRIAN MOT DETAIL
U.S. 12 AND SECOND ST.
Scale: 1" = 10'



PEDESTRIAN MOT DETAIL
U.S. 12 AND SECOND ST.
Scale: 1" = 10'

PEDESTRIAN MOT DETAIL
U.S. 12 AND SECOND ST. DETOUR
Scale: 1" = 100'

LEGEND:

- Direction of Pedestrian Traffic
- Drum
- Construction Sign
- Pedestrian Channelizer
- Temporary Surface
- Construction Area
- Truck Mounted Attenuator

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: DJT DRAWN: GDH
CHECKED: DGD CHECKED: DJT

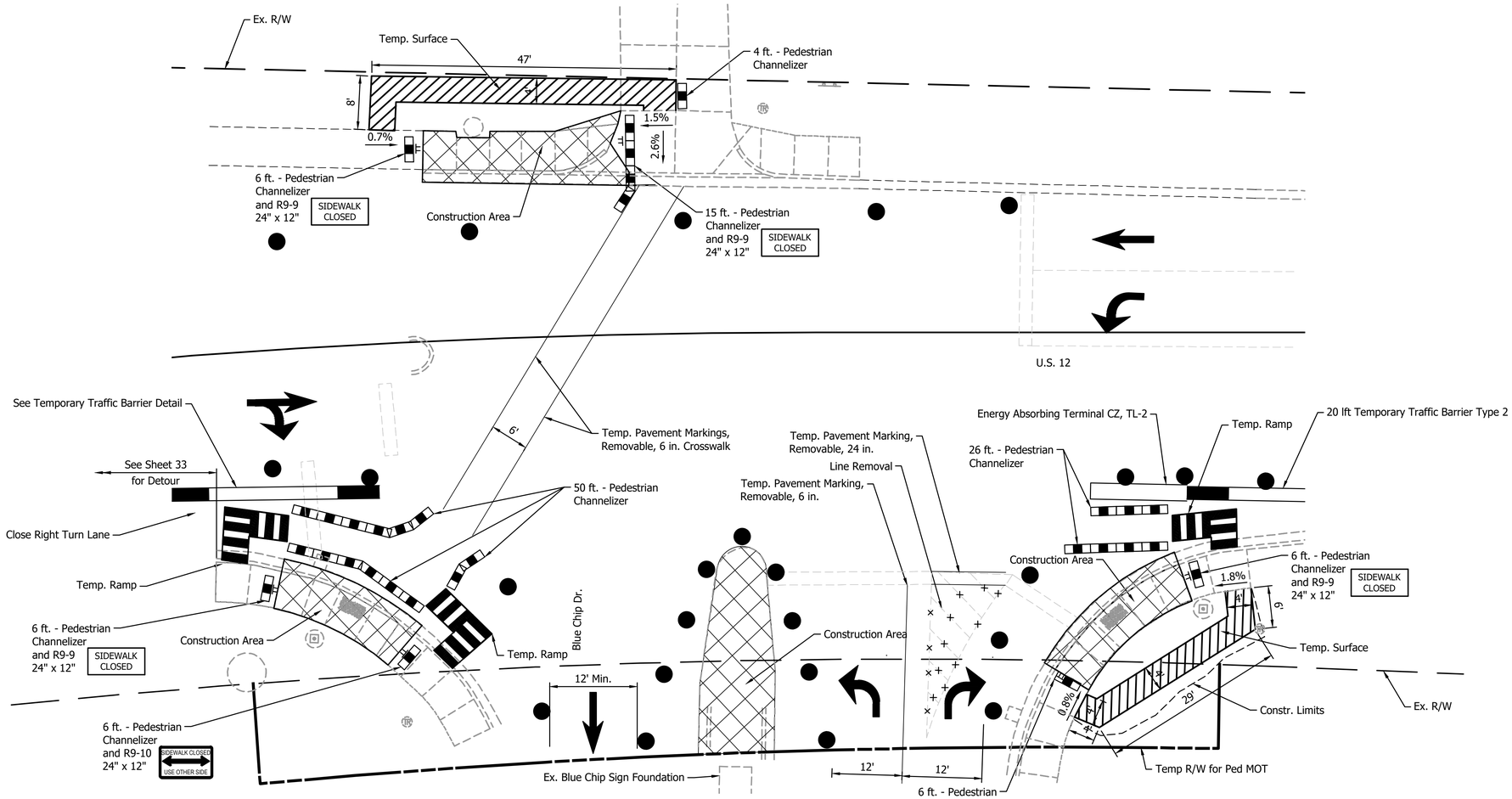
INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PEDESTRIAN

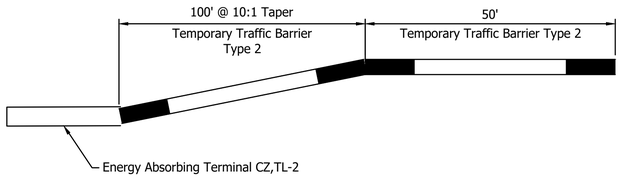
SCALE	BRIDGE FILE
AS NOTED	
	DESIGNATION
	2000607

SHEETS: 33 of 142
CONTRACT: R-43027

PJV – 11/13/2025 8:14 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722MT_PL01.dwg (MT14)



PEDESTRIAN MOT DETAIL
U.S. 12 AND BLUE CHIP DR.
Scale: 1" = 10'



TEMPORARY TRAFFIC BARRIER DETAIL
Not to Scale

LEGEND:

- Drum
- Construction Sign
- Pedestrian Channelizer
- Temp. Surface
- Construction Area

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

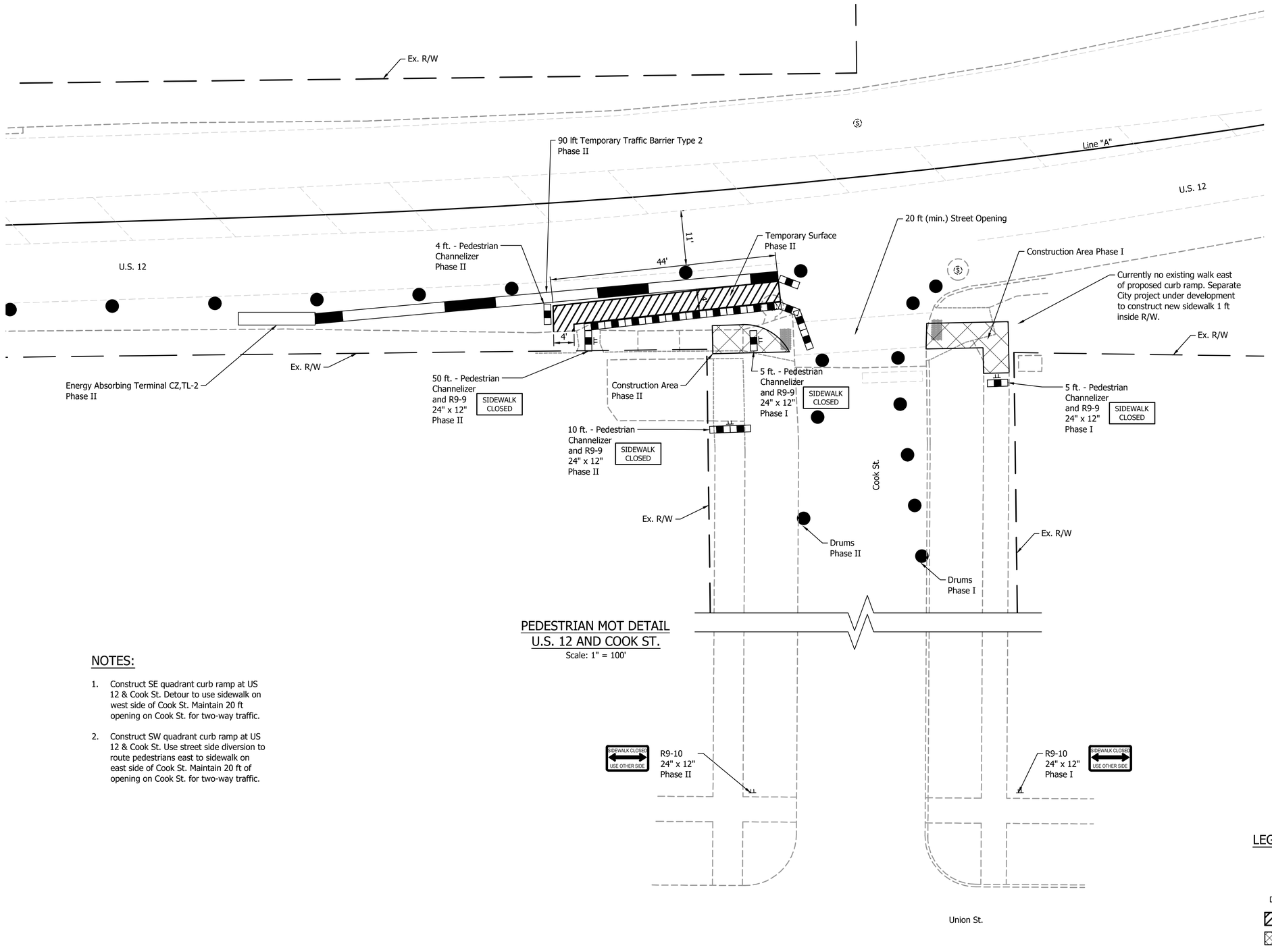
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PEDESTRIAN

SCALE	BRIDGE FILE
1" = 10'	
	DESIGNATION
	2000607
	SHEETS
	34 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 9:06 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722MT_PL01.dwg (MT15)



PEDESTRIAN MOT DETAIL
U.S. 12 AND COOK ST.
Scale: 1" = 100'

NOTES:

1. Construct SE quadrant curb ramp at US 12 & Cook St. Detour to use sidewalk on west side of Cook St. Maintain 20 ft opening on Cook St. for two-way traffic.

2. Construct SW quadrant curb ramp at US 12 & Cook St. Use street side diversion to route pedestrians east to sidewalk on east side of Cook St. Maintain 20 ft of opening on Cook St. for two-way traffic.

LEGEND:

- Drum
- Construction Sign
- Pedestrian Channelizer
- Temp. Surface
- Construction Area

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

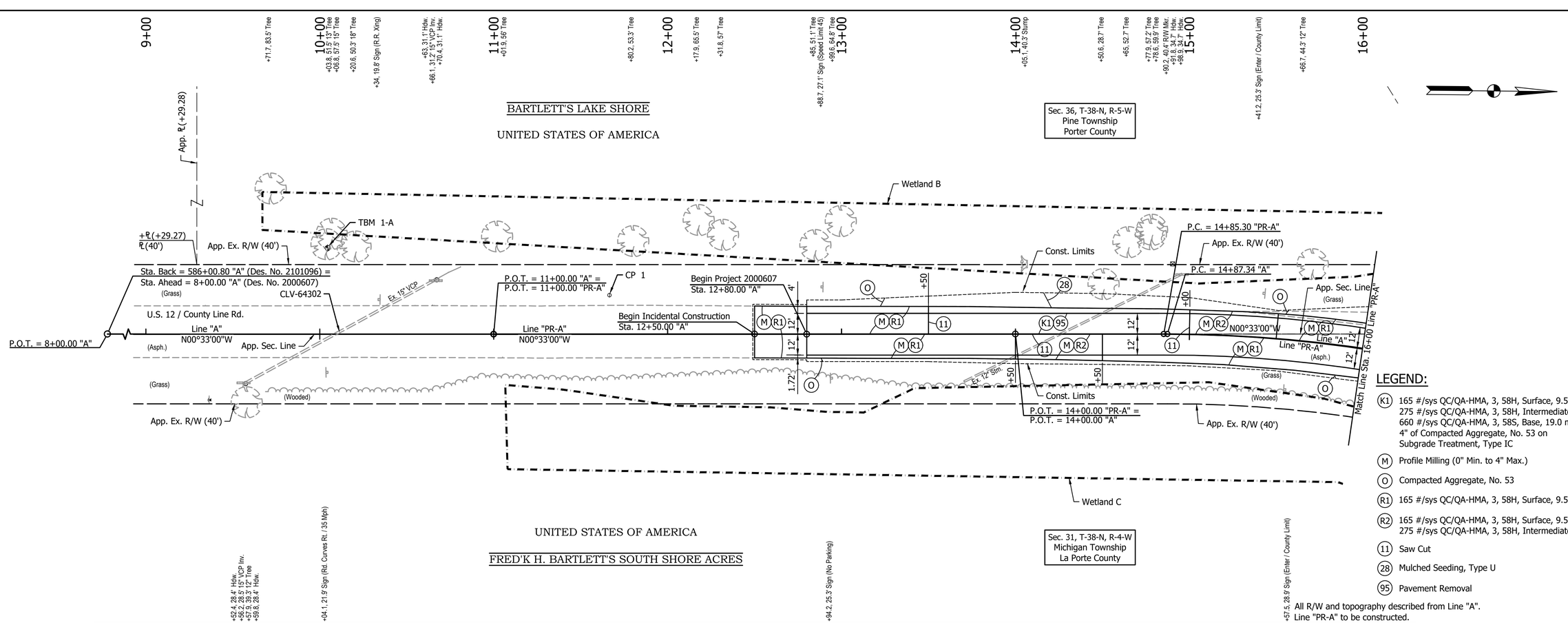
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PEDESTRIAN

SCALE	BRIDGE FILE
1" = 100'	
	DESIGNATION
	2000607
	SHEETS
	35 of 142
	CONTRACT
	R-43027

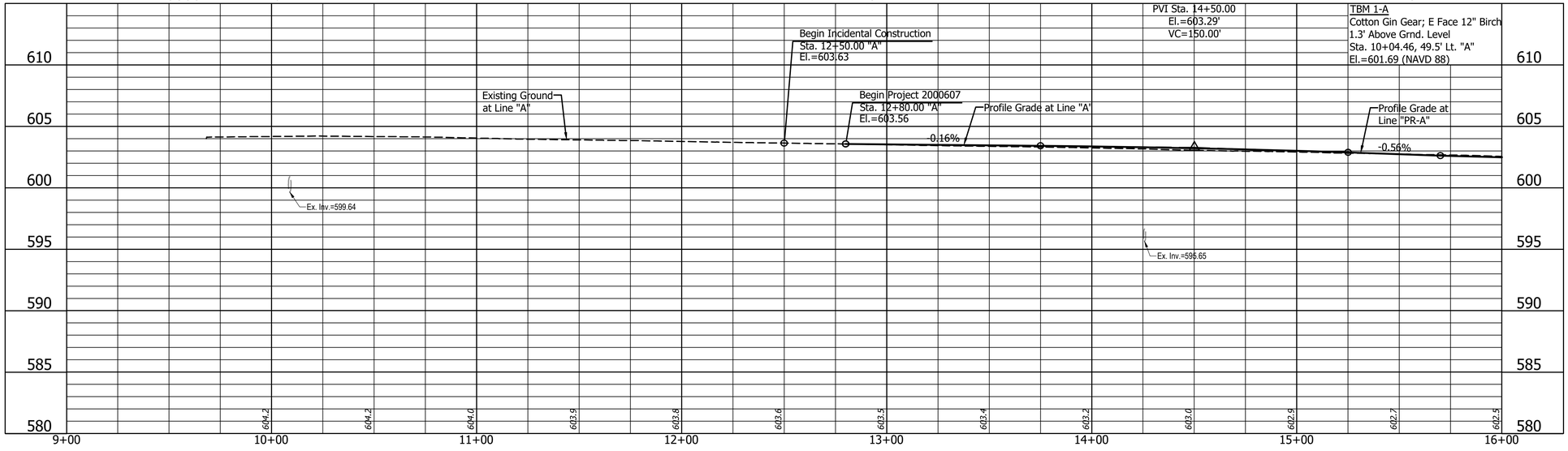
PJV – 11/13/2025 8:19 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MT\Cad\Plan Set\Civil\201722MT_PL01.dwg (MT18)



LEGEND:

- (K1) 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm on 275 #/sys QC/QA-HMA, 3, 58H, Intermediate, 19.0 mm on 660 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm on 4" of Compacted Aggregate, No. 53 on Subgrade Treatment, Type IC
- (M) Profile Milling (0" Min. to 4" Max.)
- (O) Compacted Aggregate, No. 53
- (R1) 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm
- (R2) 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm on 275 #/sys QC/QA-HMA, 3, 58H, Intermediate, 19.0 mm
- (11) Saw Cut
- (28) Mulched Seeding, Type U
- (95) Pavement Removal

All R/W and topography described from Line "A".
Line "PR-A" to be constructed.



NOTE:

Vegetation trimming shall be performed without wetland disturbance.

EARTHWORK BALANCE

Line "PR-A"			
Fill +25%	=	1005	cys
Common Excavation	=	631	cys
Borrow	=	624	cys
Waste	=	575	cys
Line "PR-S-1-A"			
Fill +25%	=	479	cys
Common Excavation	=	75	cys
Borrow	=	404	cys
Waste	=	0	cys
Common Excavation (Ex. Beverly Drive)	=	375	cys

CP 1 | N =483480.1352 | E =833090.8253
Sign (45 MPH)
1/2"x18" Rebar w/ Blue LFA Cap
Az.=357°
122.2'
5.8'
Az.=89°
E.P.
U.S. 12
Az.=178°
32.6'
Sign (R.R. Xing.)
Sta. 11+66.58, 22.33' Lt. "A"

501 | N =483801.1670 | E =833108.7670
13.2'
Az.=272°
27.1'
Az.=233°
7.8'
Az.=218°
U.S. 12
Line 'A'
All Ref Ties are Mag Nl. w/ LFA Washer
P.C. = 14+87.34 "A"
Mag Spike w/ "Lawson-Fisher" Washer

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

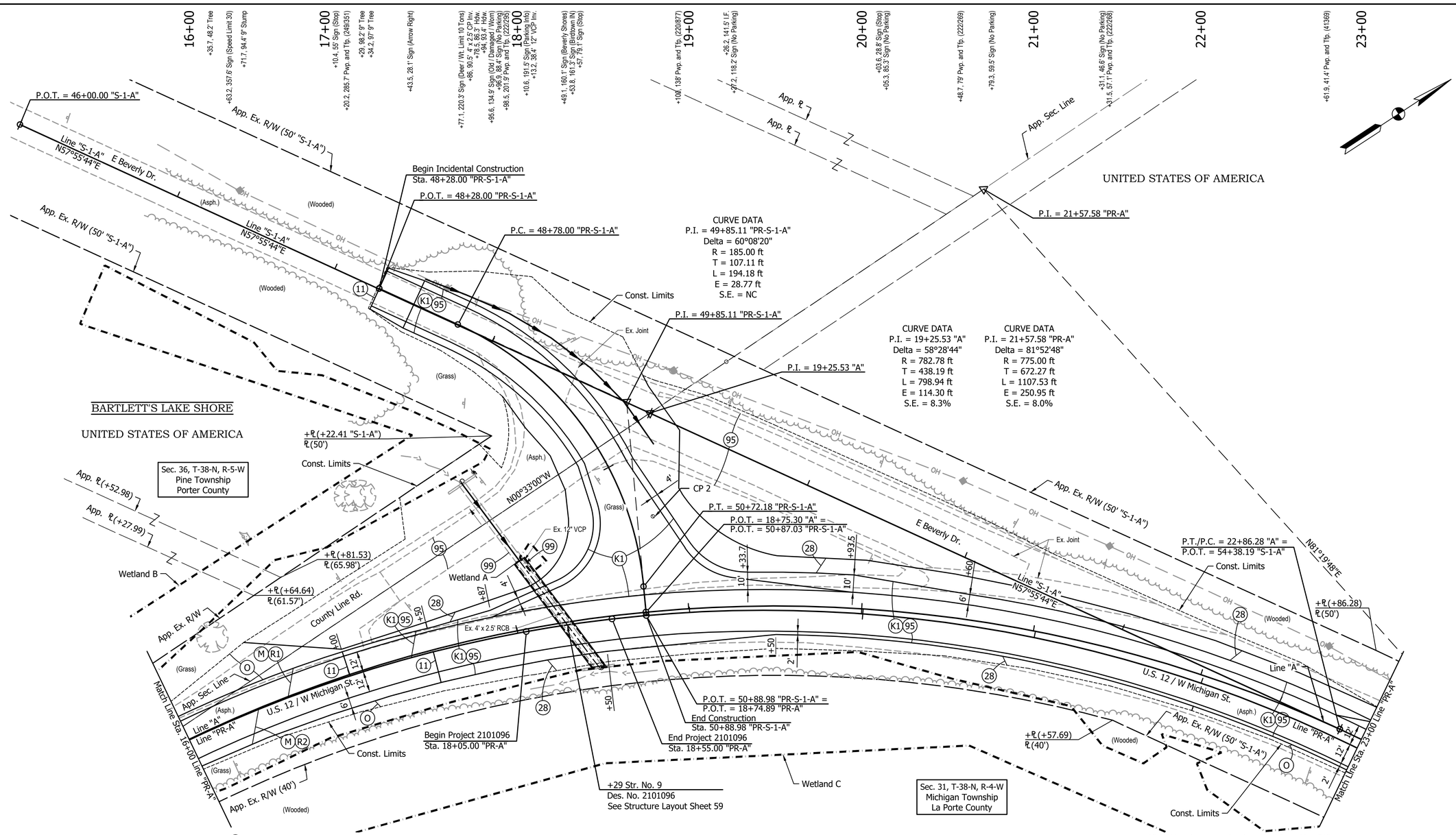
DESIGNED: DJT | DRAWN: GDH
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE - LINES "A" & "PR-A"
STA. 9+00 TO STA. 16+00

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607
SHEETS	
36 of 142	
CONTRACT	
R-43027	

DJT – 11/13/2025 8:20 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800TR_PP01.dwg (P & P – 9–16 – A)



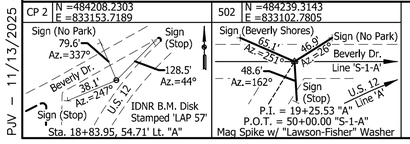
NOTE:

Vegetation trimming shall be performed without wetland disturbance.

LEGEND:

- (K1) 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm on 275 #/sys QC/QA-HMA, 3, 58H, Intermediate, 19.0 mm on 660 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm on 4" of Compacted Aggregate, No. 53 on Subgrade Treatment, Type IC
- (M) Profile Milling (0" Min. to 4" Max.)
- (O) Compacted Aggregate, No. 53
- (R1) 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm
- (R2) 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm on 275 #/sys QC/QA-HMA, 3, 58H, Intermediate, 19.0 mm
- (11) Saw Cut
- (28) Mulched Seeding, Type U
- (95) Pavement Removal
- (99) Structure and Obstructions Remove

CP 2	N =484208.2303 E =833153.7189	502	N =484239.3143 E =833102.7805



NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

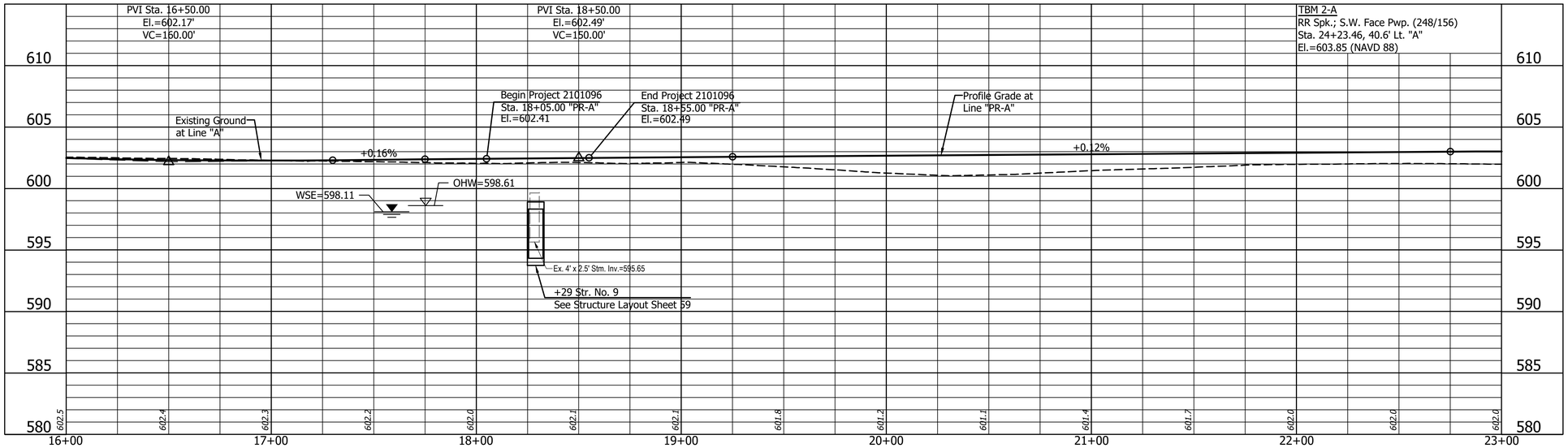
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN - LINE "PR-A"
STA. 16+00 TO STA. 23+00

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
	2000607
	SHEETS
	37 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:22 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800TR_PL02.dwg (PLAN – 16–23 – A)



PJV – 11/13/2025 8:22 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800TR_PL02.dwg (PROFILE – 16–23 – A)

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

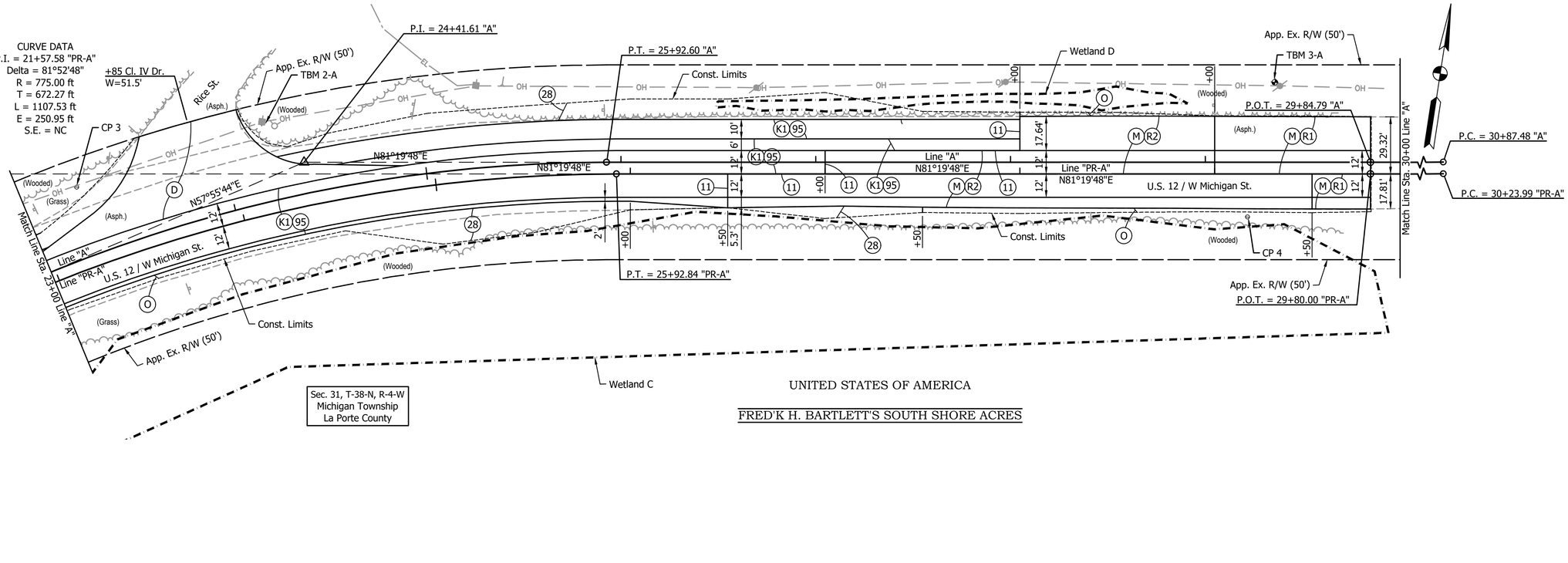
DESIGNED: DJT | DRAWN: GDH

CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE - LINES "PR-A" & "A"
STA. 16+00 TO STA. 23+00

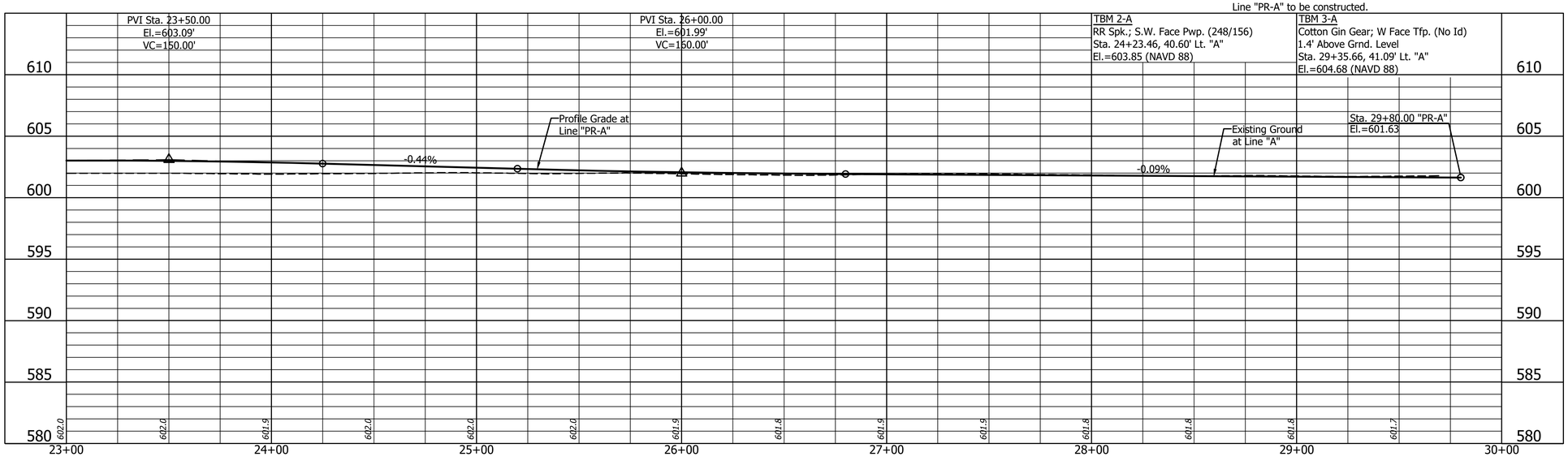
HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607
	SHEETS
	38 of 142
	CONTRACT
	R-43027



NOTE:

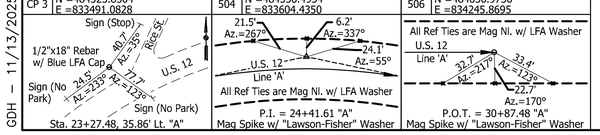
Vegetation trimming shall be performed without wetland disturbance.

All R/W and topography described from Line "A", unless noted otherwise.
Line "PR-A" to be constructed.



LEGEND:

- (D) HMA for Approaches, Type B
  165 #/sys HMA Surface, Type B on
  275 #/sys HMA Intermediate, Type B on
  660#/sys HMA Base, Type B on
  Subgrade Treatment, Type II on
  Geogrid, Type IB
- (K1) 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm on
  275 #/sys QC/QA-HMA, 3, 58H, Intermediate, 19.0 mm on
  660 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm on
  4" of Compacted Aggregate, No. 53 on
  Subgrade Treatment, Type IC
- (M) Profile Milling (0" Min. to 4" Max.)
- (O) Compacted Aggregate, No. 53
- (R1) 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm
- (R2) 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm on
  275 #/sys QC/QA-HMA, 3, 58H, Intermediate, 19.0 mm
- (11) Saw Cut
- (28) Mulched Seeding, Type U
- (95) Pavement Removal



NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: DJT | DRAWN: GDH

CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

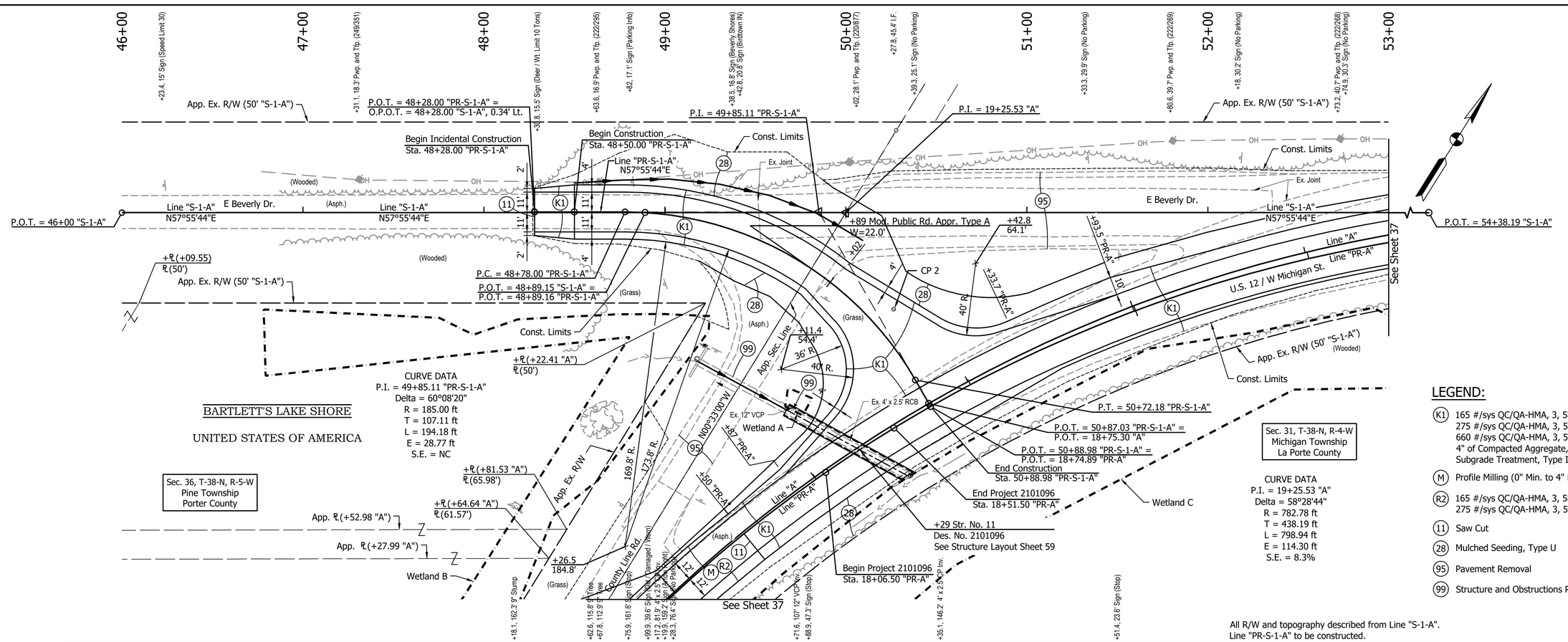
PLAN AND PROFILE - LINES "PR-A" & "A"
STA. 23+00 TO STA. 30+00

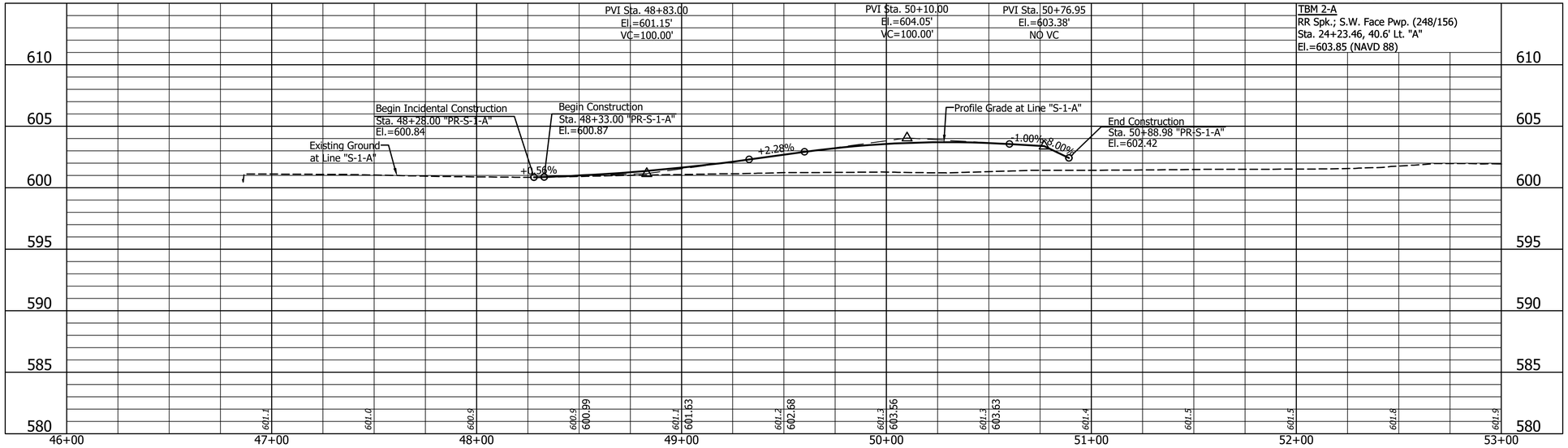
HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607

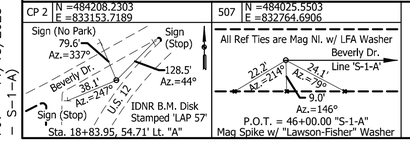
SHEETS		
39	of	142

CONTRACT
R-43027

GDH – 11/13/2025 8:22 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800TR_PP03.dwg (P & P – 23–30 – A)







NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE - LINE "PR-S-1-A"
STA. 46+00 TO STA. 53+00

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607
	SHEETS
	40 of 142
	CONTRACT
	R-43027

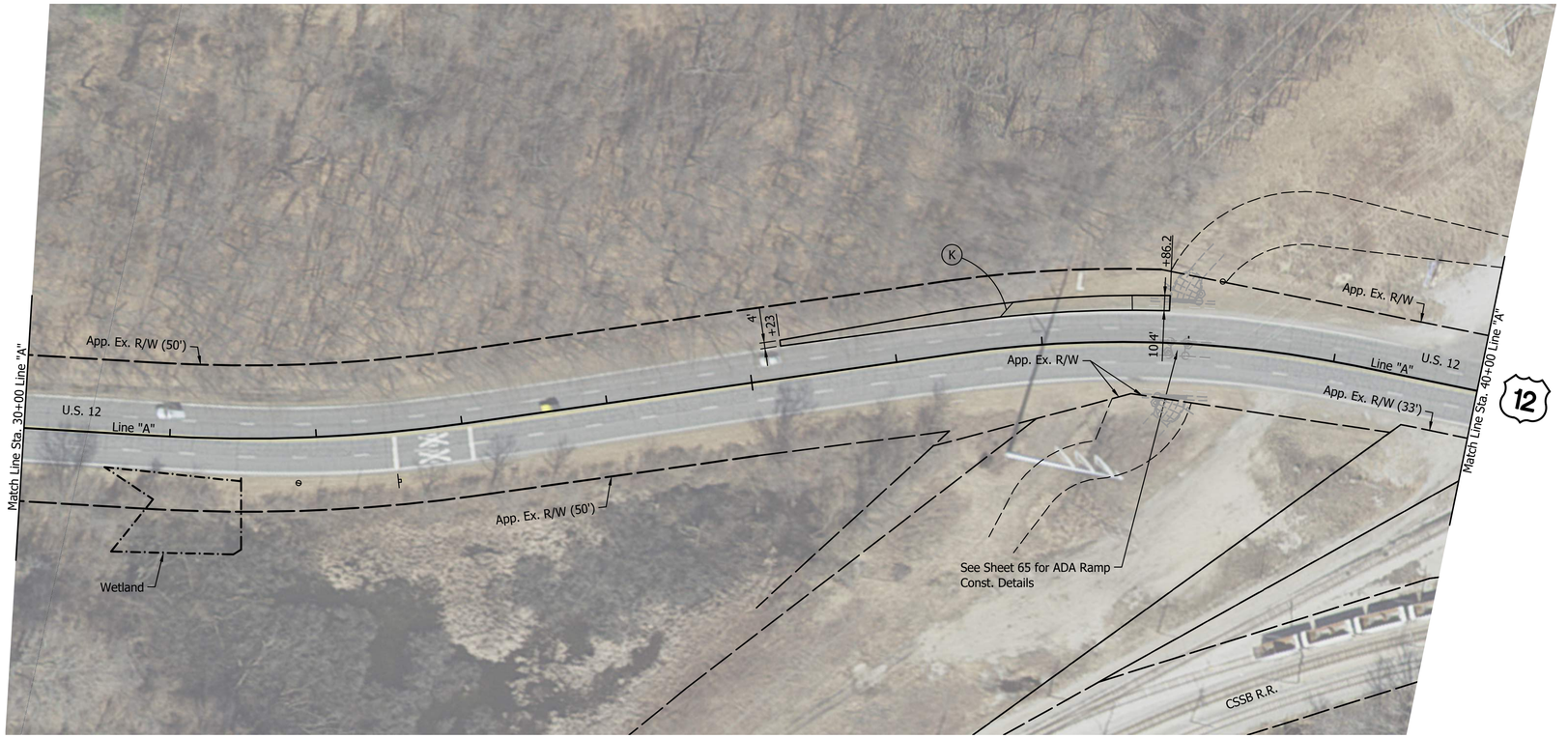
PJV – 11/13/2025 8:23 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800TR_PP04.dwg (P & P – 46–53 – S–1–A)

30+00

35+00

40+00

Sec. 31, T-38-N, R-4-W
Michigan Township
La Porte County



NOTE:
Singing Sand Trail Project Constructed in 2019 is not reflected on the current aerial imagery. The crossing was surveyed as a part of this project.

LEGEND:

(K) 165 #/sys QC/QA-HMA, 3, 58H, Surface, Type B on
275 #/sys QC/QA-HMA, 3, 58H, Intermediate, Type B on
6" Compacted Aggreagate, No. 53 on
Subgrade Treatment, Type II

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT DRAWN: GDH

CHECKED: DGD CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN - LINE "A"
STA. 25+00 TO STA. 40+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	41 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:22 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_PL01.dwg (PL02)

40+00

45+00

50+00

55+00

Sec. 31, T-38-N, R-4-W
Michigan Township
La Porte County

NOTE:
Compacted aggregate no. 53 should extend no deeper than the existing pavement. The 10.5 inch depth is an average based on pavement cores.

LEGEND:

(11) Saw Cut

(22) Concrete Center Curb, Type C, on 10.5" Compacted Aggregate No. 53

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN - LINE "A"
STA. 40+00 TO STA. 55+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	42 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:19 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_PL01.dwg (PL03)

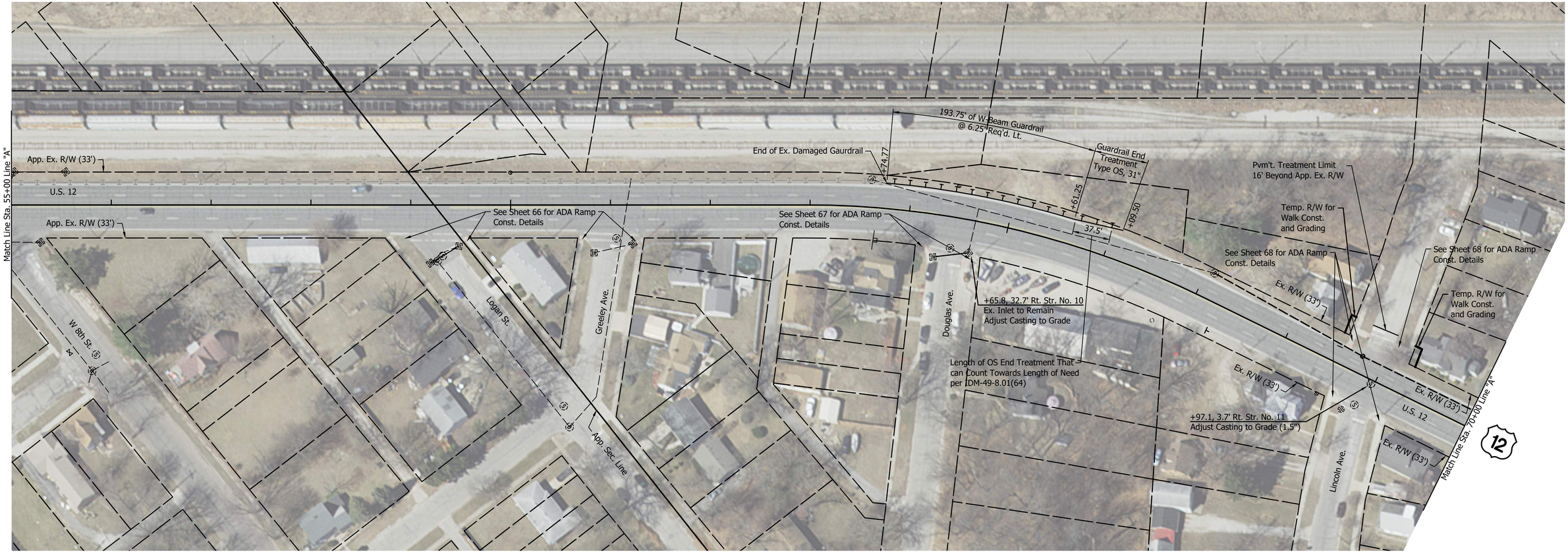
55+00

60+00

65+00

70+00

Sec. 30, T-38-N, R-4-W
Michigan Township
La Porte County



Sec. 31, T-38-N, R-4-W
Michigan Township
La Porte County

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

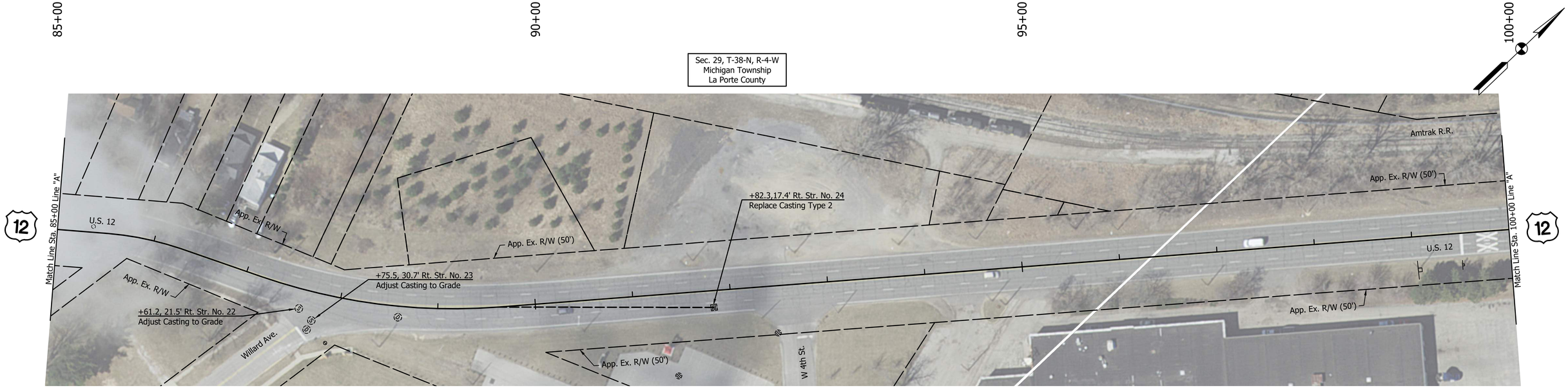
DESIGNED: DJT
DRAWN: GDH
CHECKED: DGD
CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN - LINE "A"
STA. 55+00 TO STA. 70+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	43 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:16 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_PL01.dwg (201722TR_PL01 – PL04 RW)



GDH – 11/13/2025 8:14 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_PL01.dwg (201722TR_PL01 – PL05 RW)

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN - LINE "A"
STA. 70+00 TO STA. 100+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	44 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:21 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_PL01.dwg (201722TR_PL01 – PL06 RW)

100+00 105+00 110+00 115+00

Sec. 29, T-38-N, R-4-W
Michigan Township
La Porte County

App. Ex. R/W (50')
R.R. Paving Exception
Amtrak R.R.
End Paving Exception
Sta. 104+72.00 ± "A"
East R.R.
Paving to the Headers
+08.5, 27.1' Lt. Str. No. 25
Replace Casting Type 1
App. Ex. R/W
+52.3, 33.6' Lt. Str. No. 26
Replace Casting Type 10
+25.7, 31.4' Lt. Str. No. 27
Replace Casting Type 10
Ex. R/W (50')
CP 12
Temp. R/W for Curb Ramp Const.
See Sheet 71 for ADA Ramp Const. Details
Pave to Headers
Line "A"
U.S. 12
Match Line Sta. 100+00 Line "A"
Begin Paving Exception
Sta. 104+58.00 ± "A"
West R.R.
Paving to the Headers
Amtrak R.R.
DOT#: 341985L
R.R. MP: 229.13
App. Ex. R/W (50')
P.O.T. = 99+00.00 "B" =
O.P.O.T. = 109+84.75 "A", 1.99' Rt.
P.O.T. = 101+50.00 "B"
4" Mag Spike w/ Washer
Line "B"
U.S. 12
Ex. R/W (50')
Match Line Sta. 115+00 Line "A"
App. Ex. R/W
CP 11
Wabash St.
Temp. R/W for Grading

115+00 120+00 125+00 130+00

Sec. 29, T-38-N, R-4-W
Michigan Township
La Porte County

Washington St.
Franklin St.
Pine St.
Spring St.
App. Ex. R/W
See Sheet 72 for ADA Ramp Const. Details
Ex. R/W (50')
+09.7, 28.9' Lt. Str. No. 30
Replace Casting Type 13
+47.4, 26.6' Lt. Str. No. 33
Adjust Casting to Grade
+27.9, 29.5' Lt. Str. No. 32
Replace Casting Type 10
Ex. R/W (50')
R/W
+31.1, 42.0' Lt. Str. No. 34
Replace Casting Type 10
App. Ex. R/W (55')
Replace Casting
P.O.T. = 114+00.00 "B" =
O.P.O.T. = 124+84.75 "A", 2.91' Rt.
See Sheet 76 for ADA Ramp Const. Details
+52.5, 36.9' Rt. Str. No. 36
Replace Casting Type 8
U.S. 12
Match Line Sta. 115+00 Line "A"
U.S. 12
Line "B"
CP 13
See Sheet 74 for ADA Ramp Const. Details
P.O.T. = 111+00.00 "B"
4" Mag Spike w/ Washer
See Sheet 75 for ADA Ramp Const. Details
See Sheet 78 for ADA Ramp Const. Details
See Sheet 77 for ADA Ramp Const. Details
Ex. R/W (50')
Protect Existing Retaining Wall
Temp. R/W for Walk Reconstruction
See Sheet 73 for ADA Ramp Const. Details
+44.3, 29.0' Rt. Str. No. 28
Adjust Casting to Grade
+07.6, 33.4' Rt. Str. No. 29
Replace Casting Type 13
Ex. R/W (50')
App. Ex. R/W (56')
+31.5, 49.0' Rt. Str. No. 35
Replace Casting Type 10
+38.4, 35.2' Rt. Str. No. 31
Replace Casting Type 10
Pine St.
E Michigan Blvd.

CP 11	CP 12	CP 13	CP 14	510	511
N =416369.8279 E =744794.7352	N =416609.1175 E =745178.3479	N =416712.2154 E =745672.0366	N =416930.7793 E =745988.9324	N =416492.4611 E =744973.0245	N =416824.1105 E =745863.2541
Sta. 110+24.83, 54.69' Rt. "A"= Sta. 99+40.12, 52.68' Rt. "B" 1/2" X 18" Rebar w/Blue LFA Cap	Sta. 114+67.90, 35.35' Lt. "A"= Sta.103+83.13, 37.64' Lt. "B" Mag Spike w/"Lawson-Fisher" Washer	Sta. 119+66.48, 40.69' Rt. "A"= Sta. 108+81.75, 38.10' Rt. "B" 1/2" X 18" Rebar w/Blue LFA Cap	Sta. 123+39.79, 53.26' Lt. "A"= Sta. 112+55.01, 56.08' Lt. "B" 1/2" X 18" Rebar w/Blue LFA Cap	P.O.T. = 101+50.00 "B" Mag Spike w/"Lawson-Fisher" Washer	P.O.T. = 111+00.00 "B" Mag Nail w/"Lawson-Fisher" Washer

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: DJT
DRAWN: GDH
CHECKED: DGD
CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN - LINE "A"
STA. 100+00 TO STA. 130+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	45 of 142
	CONTRACT
	R-43027

130+00 135+00 140+00 145+00

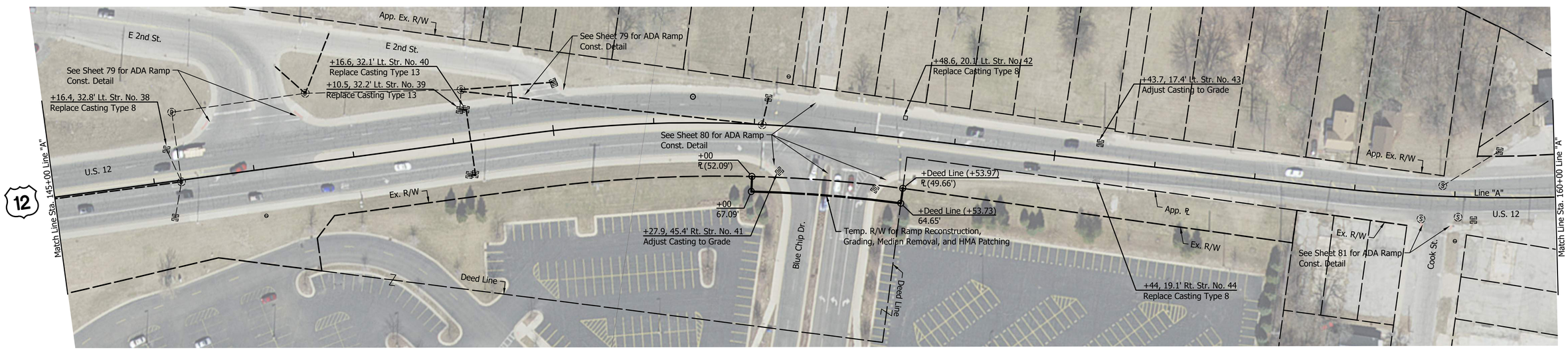
Sec. 29, T-38-N, R-4-W
Michigan Township
La Porte County

NOTE TO REVIEWER:
Casting replacement types will be confirmed at field check.

Sec. 28, T-38-N, R-4-W
Michigan Township
La Porte County

145+00 150+00 155+00 160+00

Sec. 28, T-38-N, R-4-W
Michigan Township
La Porte County



NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN - LINE "A"
STA. 130+00 TO STA. 160+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	46 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:20 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_PL01 – PL07
RW)
2TR_PL01.dwg (201722TR_PL01

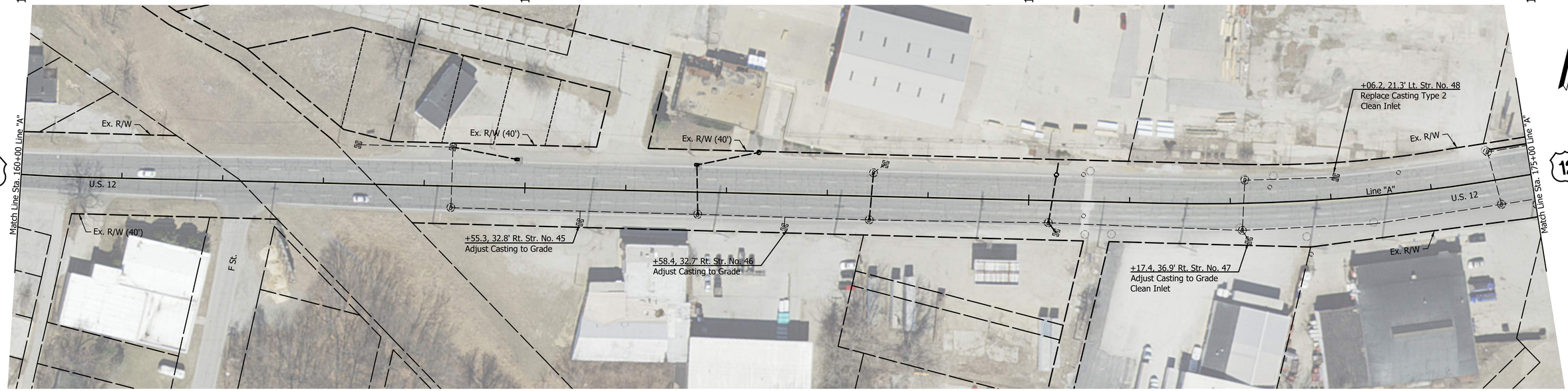
160+00

165+00

Sec. 28, T-38-N, R-4-W
Michigan Township
La Porte County

170+00

175+00



175+00

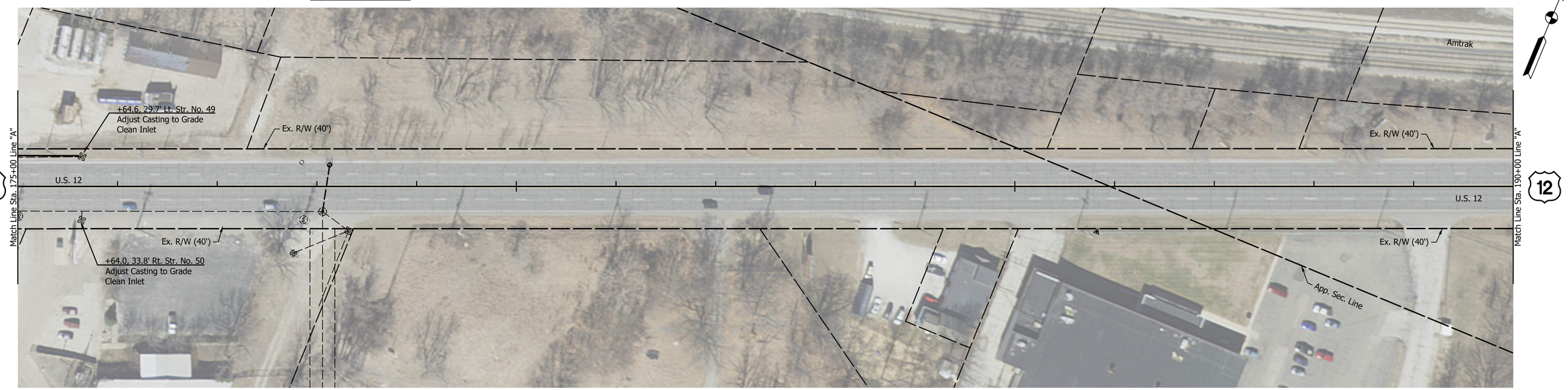
Sec. 28, T-38-N, R-4-W
Michigan Township
La Porte County

180+00

185+00

Sec. 21, T-38-N, R-4-W
Michigan Township
La Porte County

190+00



NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

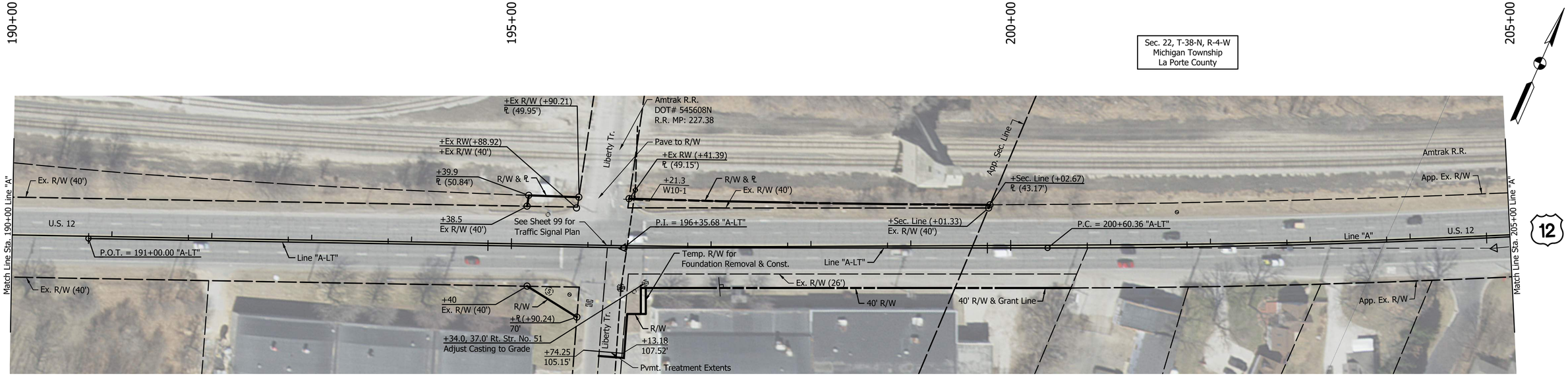
DESIGNED: DJT
DRAWN: GDH
CHECKED: DGD
CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN - LINE "A"
STA. 160+00 TO STA. 190+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	47 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:23 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_PL01.dwg (201722TR_PL01 – PL08 RW)



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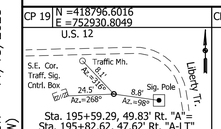
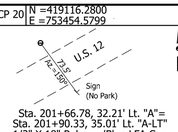
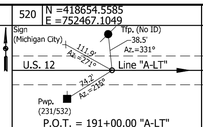
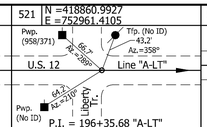
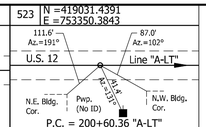
									
Sta. 195+59.29, 49.83' Rt. "A"= Sta. 195+82.62, 47.62' Rt. "A-LT" 1/2" X 18" Rebar w/Blue LFA Cap		Sta. 201+66.78, 32.21' Lt. "A"= Sta. 201+90.33, 35.01' Lt. "A-LT" 1/2" X 18" Rebar w/Blue LFA Cap		P.O.T. = 191+00.00 "A-LT" Mag Spike w/"Lawson-Fisher" Washer		P.I. = 196+35.68 "A-LT" Mag Spike w/"Lawson-Fisher" Washer		P.C. = 200+60.36 "A-LT" Mag Spike w/"Lawson-Fisher" Washer	

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: DJT DRAWN: GDH

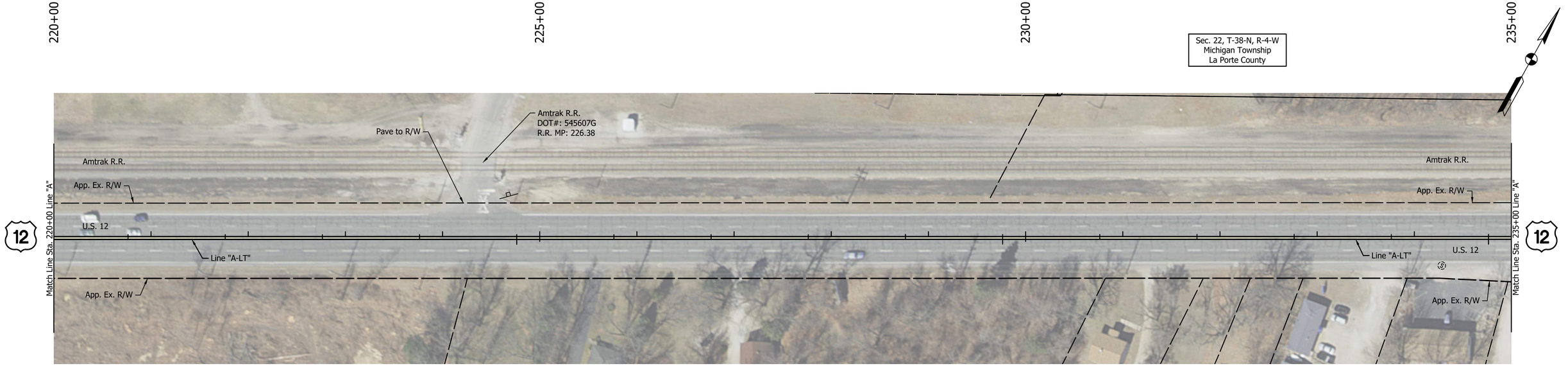
CHECKED: DGD CHECKED: DJT

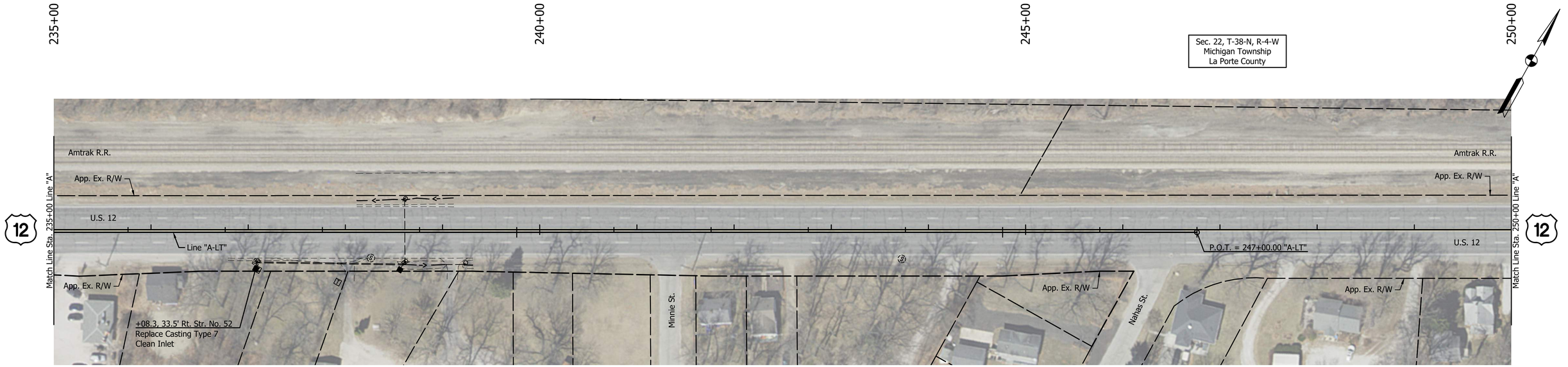
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN - LINE "A"
STA. 190+00 TO STA. 220+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	48 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:14 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_PL01 – PL09 RW)





NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

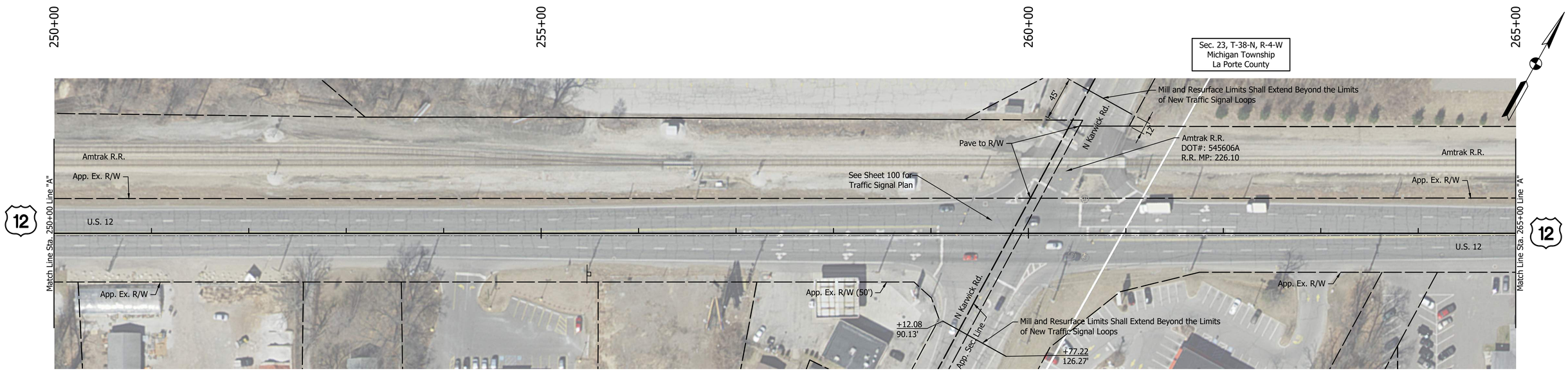
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN - LINE "A"
STA. 220+00 TO STA. 250+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	49 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:17 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_PL01.dwg (PL10)



GDH – 11/13/2025 8:23 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_PL02.dwg (PL11)

NOT FOR CONSTRUCTION

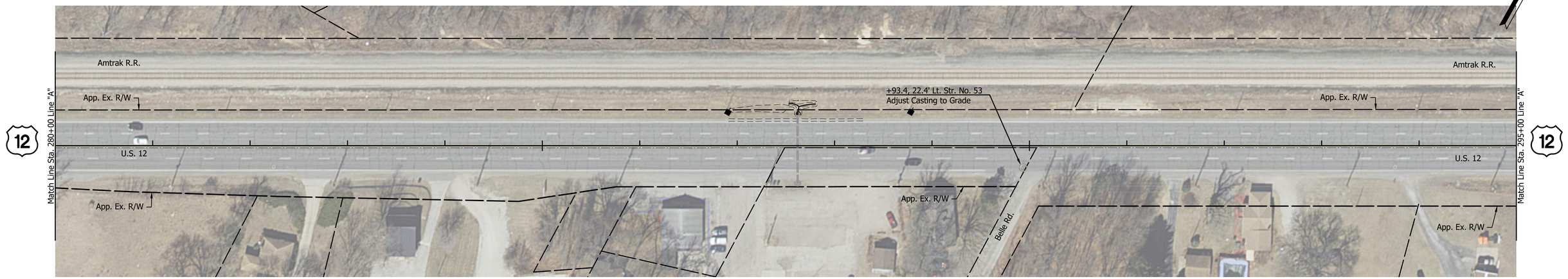
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: DJT
DRAWN: GDH
CHECKED: DGD
CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN - LINE "A"
STA. 250+00 TO STA. 280+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	50 of 142
	CONTRACT
	R-43027



GDH – 11/13/2025 8:19 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_PL02.dwg (201722TR_PL02 – PL12 RW)

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN - LINE "A"
STA. 280+00 TO STA. 310+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	51 of 142
	CONTRACT
	R-43027

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: DJT | DRAWN: GDH

CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN - LINE "A"
STA. 310+00 TO STA. 340+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	52 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:16 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_PL02.dwg (PL13)

Sec. 13, T-38-N, R-4-W
Michigan Township
La Porte County

340+00 345+00 350+00 355+00

Old Grand Beach Rd.

Amtrak

App. Ex. R/W

Match Line Sta. 340+00 Line "A"

12 U.S. 12

Frazie Rd.

Davis St.

Top Flight Rd.

+29.9, 112.8' Rt. Str. No. 101
65 lft of 18" Pipe w/
2 End Sections Req'd.

Ex. Wetland

S.R. 212

54.9'

40' R.

6.26'

40'

57.4'

4'

+33.6, 0.0" Rt. Str. No. 102
78 lft of 30" Pipe w/
1 End Sections Req'd.
1 Precast Conc. Headwall Req'd

Match Line Sta. 355+00 Line "A"

Pave to Ex. Pvm't. Joint

NOTE:
1.5" milling and resurfacing to be completed after the patching has been completed.

LEGEND:

(W) HMA Patching, Full Depth, Type C, Consisting of 440 #/sys HMA Patching, Type C, Intermediate on Variable Depth HMA Patching, Type C, Base (Match Existing Pavement Thickness Avg 1485 #/sys) on Subgrade Treatment Type IC

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT DRAWN: GDH

CHECKED: DGD CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN - LINE "A"
STA. 340+00 TO STA. 355+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	53 of 142
	CONTRACT
	R-43027

GDH — 11/13/2025 8:21 AM — U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_PL02.dwg (PL14)

GDH – 11/13/2025 8:15 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_PL02.dwg (PL15)

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN - LINE "A"
STA. 355+00 TO STA. 385+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	54 of 142
	CONTRACT
	R-43027

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: DJT DRAWN: GDH

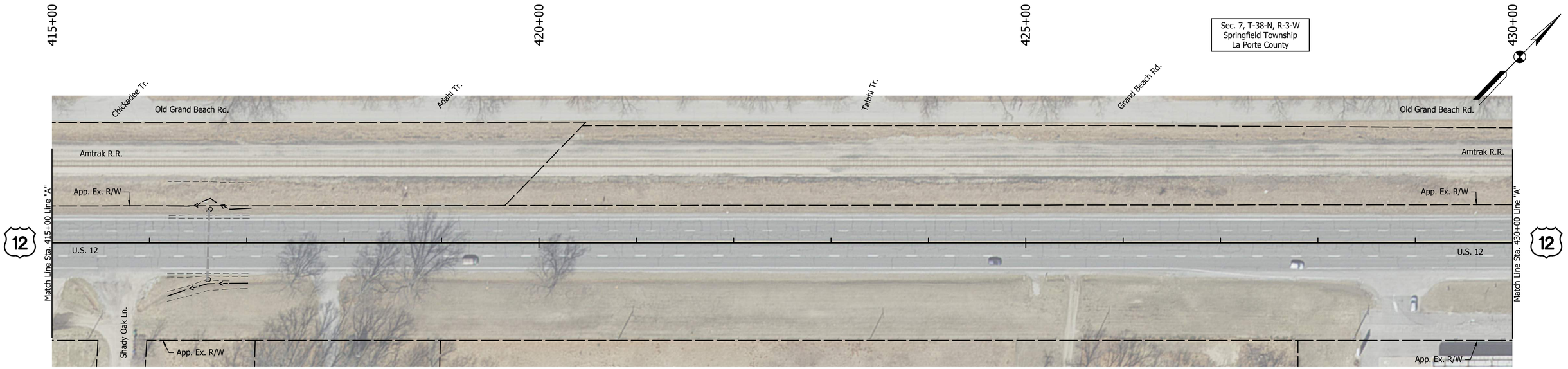
CHECKED: DGD CHECKED: DJT

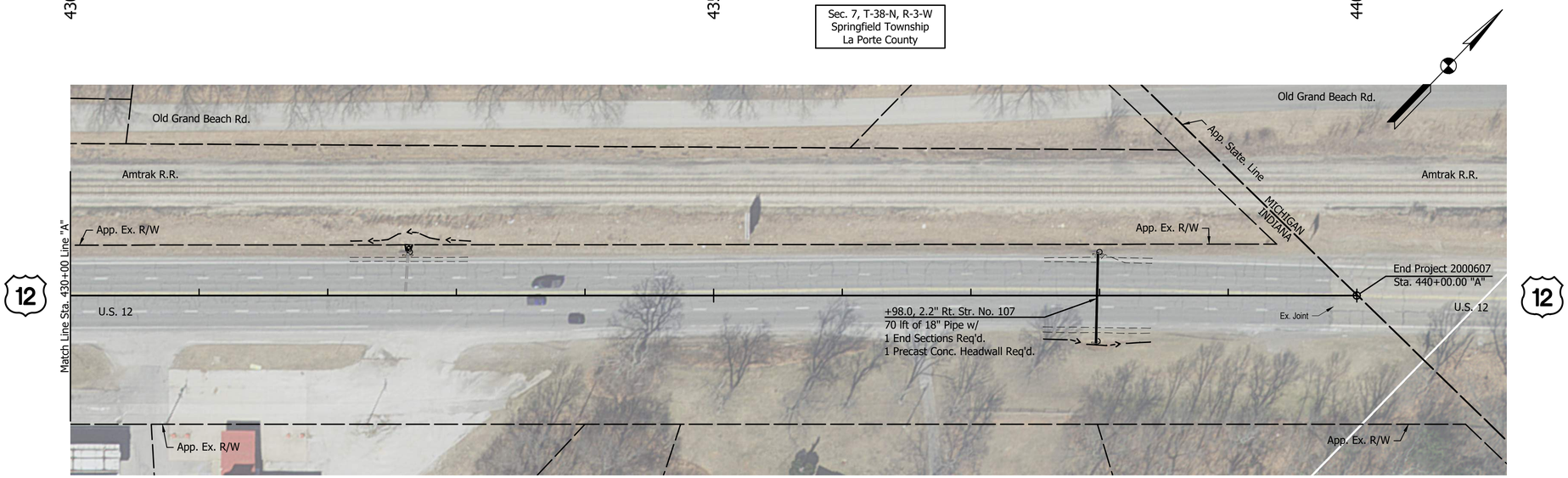
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN - LINE "A"
STA. 385+00 TO STA. 415+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	55 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:20 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\2017227TR_PL02.dwg (PL16)





GDH – 11/13/2025 8:14 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_PL02.dwg (PL17)

NOT FOR CONSTRUCTION

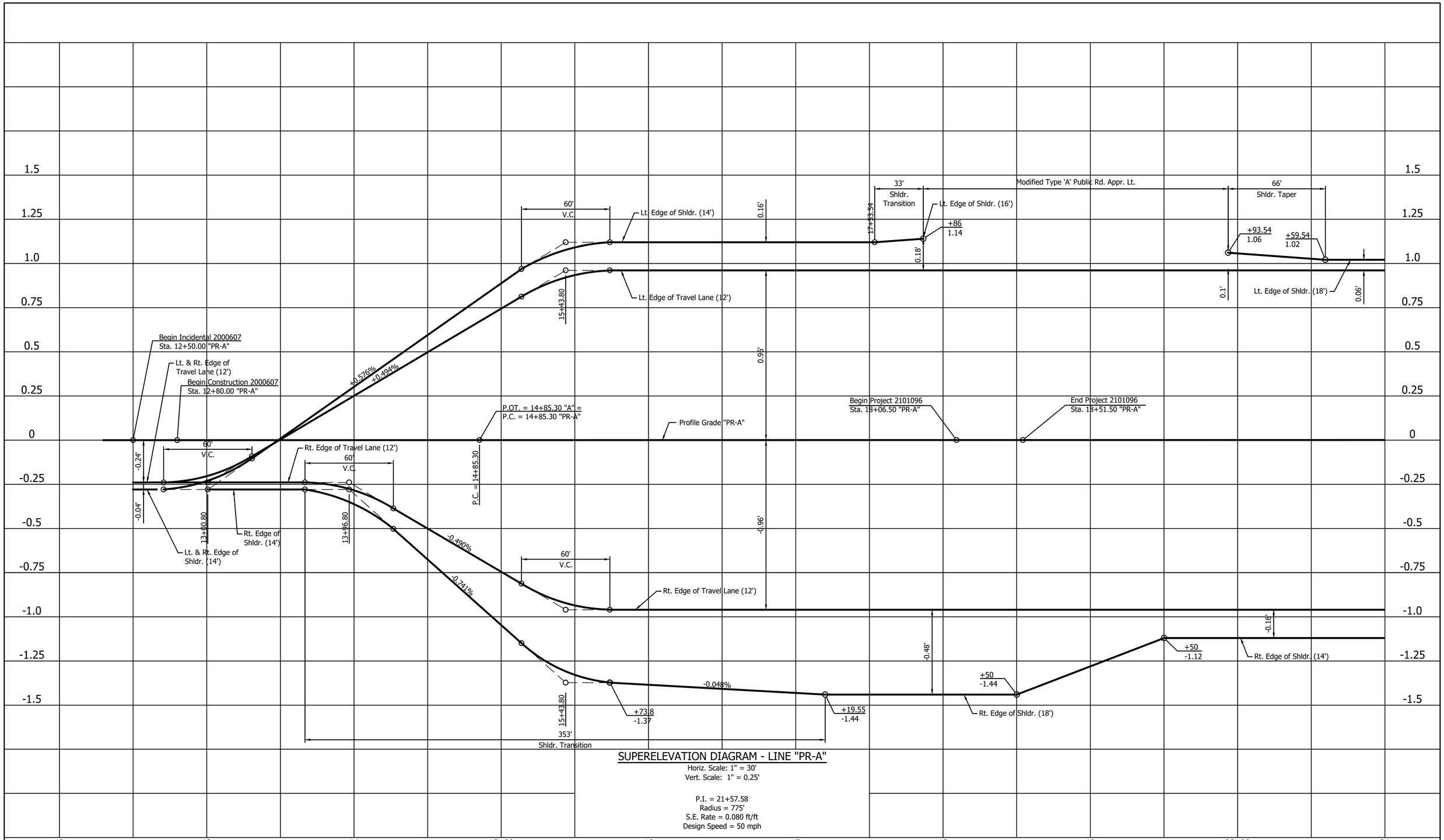
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: DJT
DRAWN: GDH
CHECKED: DGD
CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN - LINE "A"
STA. 415+00 TO STA. 440+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	56 of 142
	CONTRACT
	R-43027



SUPERELEVATION DIAGRAM - LINE "PR-A"

Horiz. Scale: 1" = 30'
Vert. Scale: 1" = 0.25'

P.I. = 21+57.58
Radius = 775'
S.E. Rate = 0.080 ft/ft
Design Speed = 50 mph

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

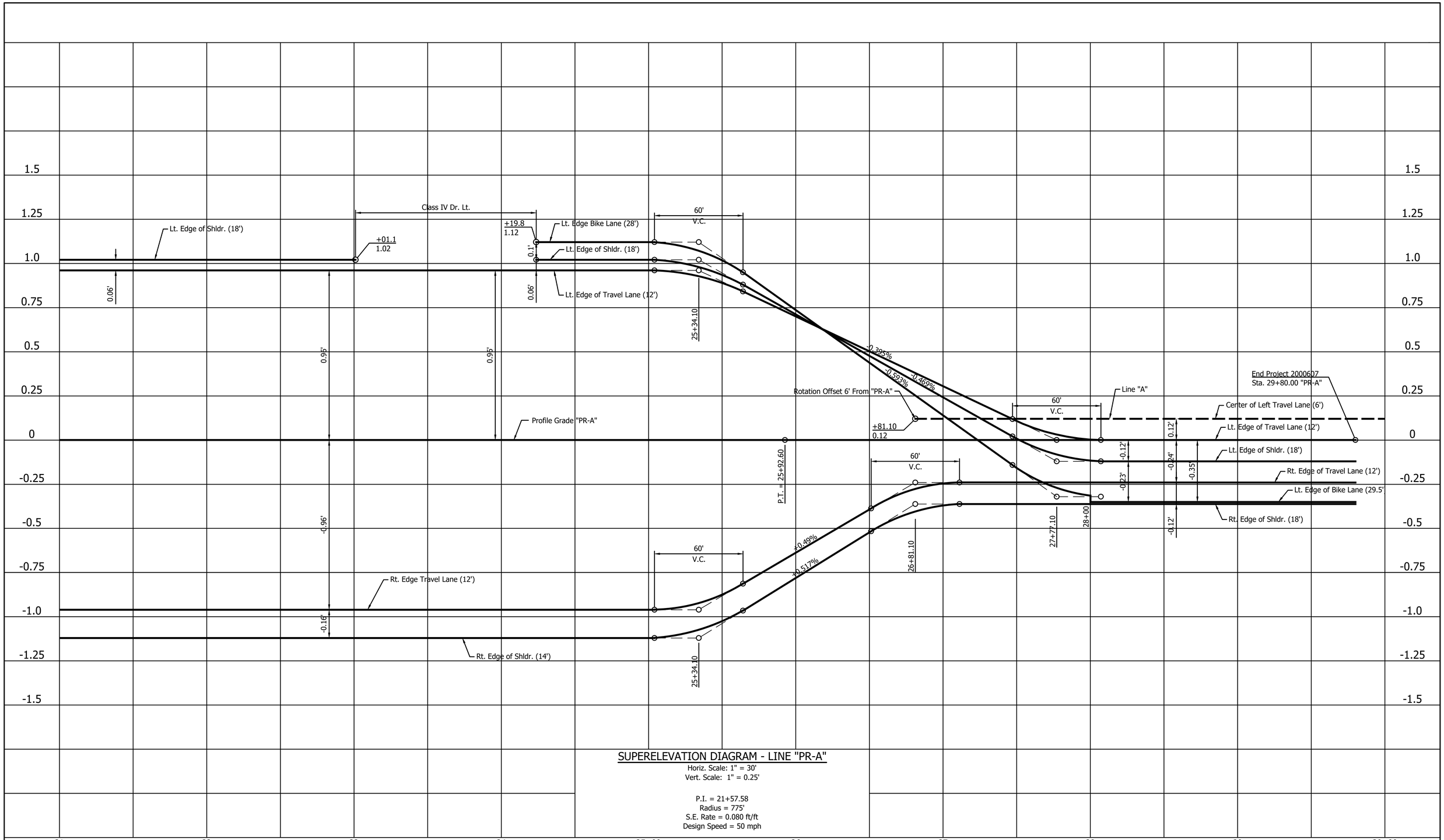
CHECKED: DGD | CHECKED: DJT

INDIANA DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DIAGRAM
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 0.25'	2000607
SHEETS	
57 of 142	
CONTRACT	
R-43027	

GDH – 11/13/2025 8:16 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800TR_SD.dwg (SUPERELEVATION DIAGRAM)



SUPERELEVATION DIAGRAM - LINE "PR-A"

Horiz. Scale: 1" = 30'
Vert. Scale: 1" = 0.25'

P.I. = 21+57.58
Radius = 775'
S.E. Rate = 0.080 ft/ft
Design Speed = 50 mph

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

CHECKED: DGD | CHECKED: DJT

INDIANA DEPARTMENT OF TRANSPORTATION

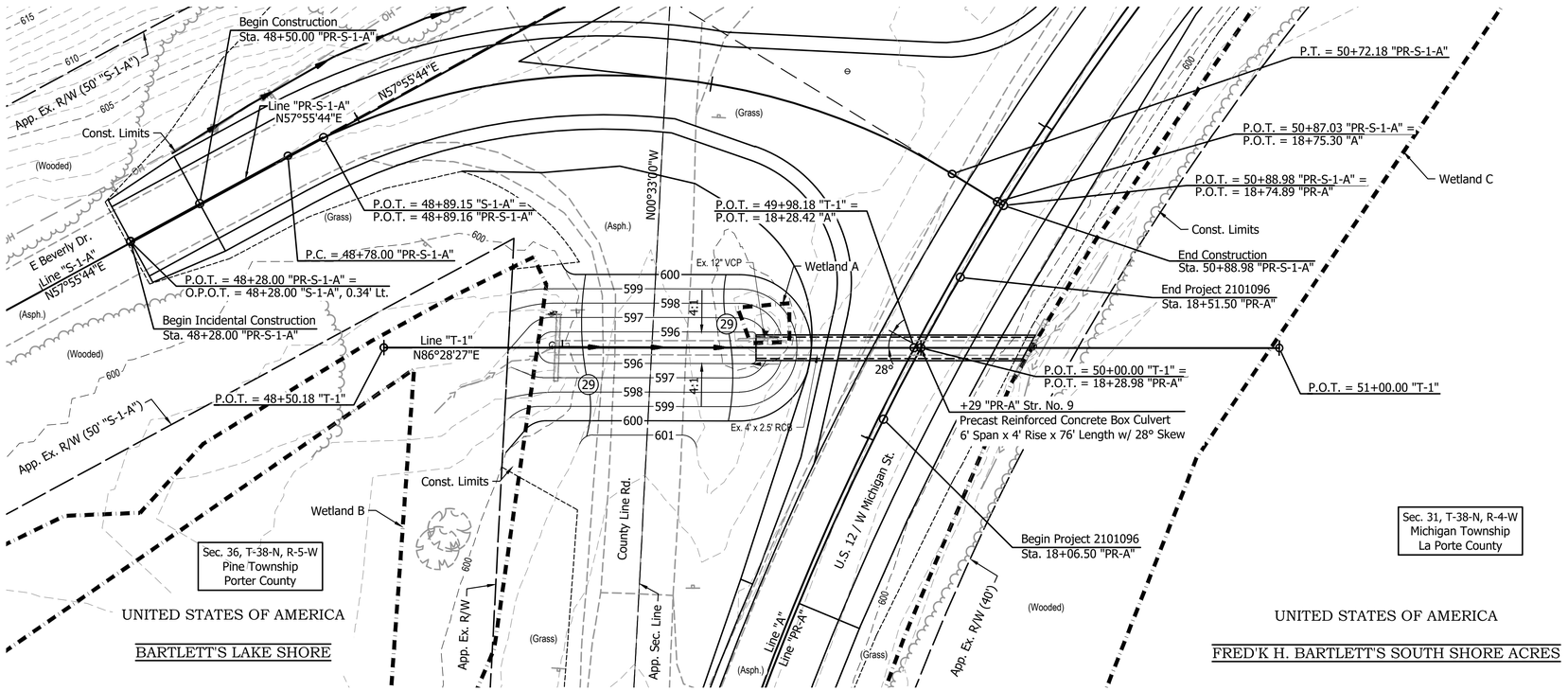
SUPERELEVATION DIAGRAM LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
1" = 0.25'	2000607

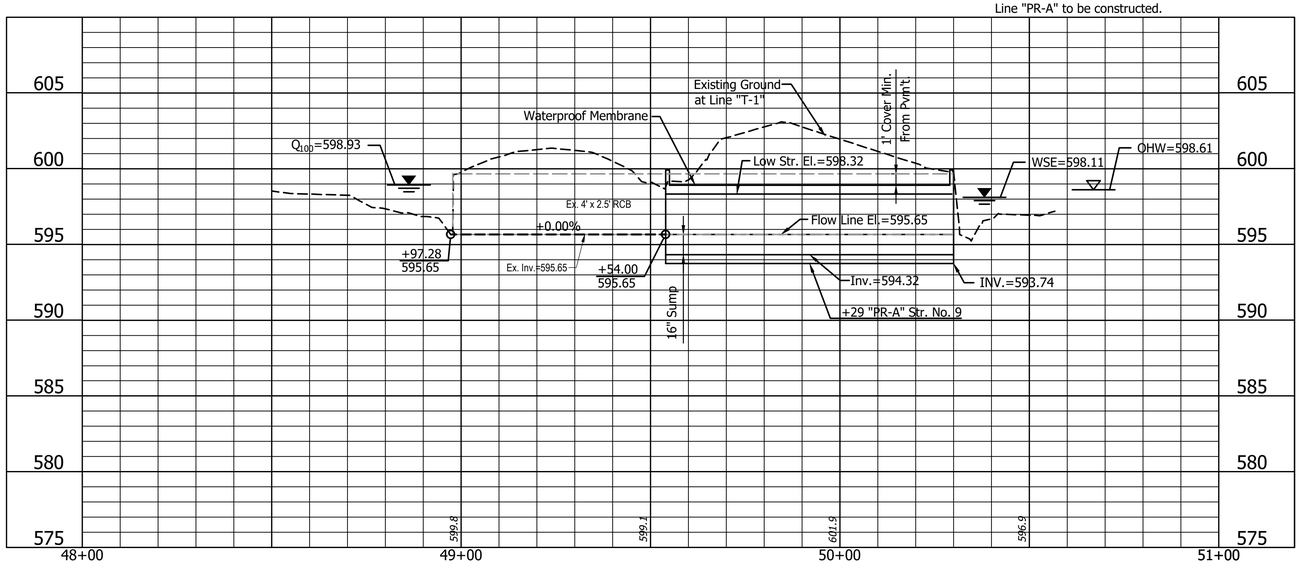
SHEETS: 58 of 142

CONTRACT: R-43027

GDH – 11/13/2025 8:17 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800TR_SD.dwg (SUPERELEVATION DIAGRAM (2))



All R/W described from Line "A", unless noted otherwise.
Line "PR-A" to be constructed.



HYDRAULIC DATA

Drainage Area	92	Ac
Q_{100} Discharge	66.2	ft^3/sec.
Q_{100} Headwater Elevation	598.87	ft
Backwater	1.15	ft
Velocity at Q_{50}	5.14	ft/sec.
Gross Waterway Area (Below Q_{100} Elevation)	24	ft^2
Required Waterway Opening	24	ft^2
Waterway Opening Provided	24	ft^2
Roadway Overflow Area	0	ft^2
Low Structure Elevation Provided	598.32	ft
Skew	28°	Rt.
Ex. 48" x 30" RCB Waterway Opening	10	ft^2
Ex. 48" x 30" RCB Low Structure Elevation	598.19	ft
Ex. 48" x 30" RCB Backwater	2.85	ft
Ex. 48" x 30" RCB Roadway Overflow Area	21	ft^2

NOTE:

Contractor shall verify the existing flow line elevation to set appropriate sump depth.

PROPOSED KINTZELE DITCH
TYPICAL SECTION
Scale: 1" = 5'

EXISTING STRUCTURE

The existing structure 4' Span x 2.5' Reinforced Concrete Box structure. Existing structure to be removed.

PRECAST 6'-0" SPAN X 4'-0" RISE
REINFORCED CONCRETE BOX CULVERT
CLEAR ROADWAY: 37'-6"; 28° SKEW RT.
U.S. 12 OVER KINTZELE DITCH
LA PORTE COUNTY

LEGEND:

(29) Wetland Seed Mixture

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

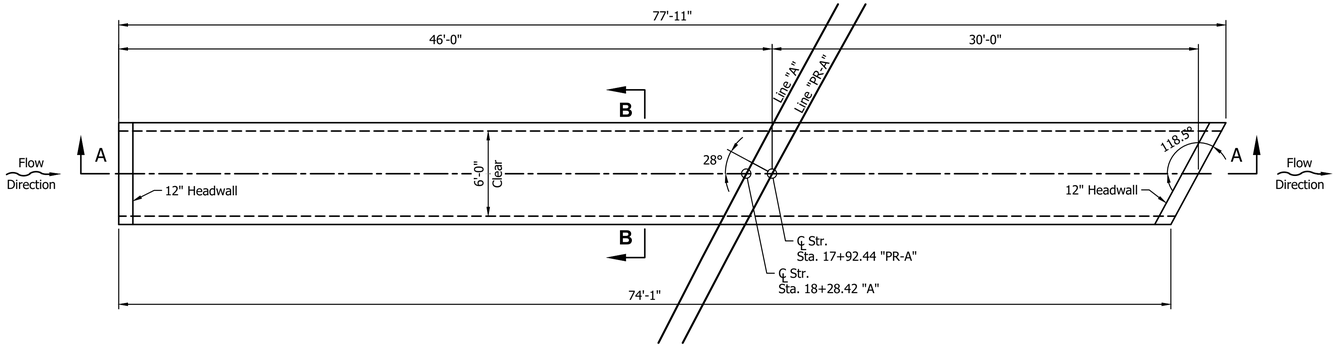
DESIGNED: DJT | DRAWN: GDH | CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

STRUCTURE LAYOUT

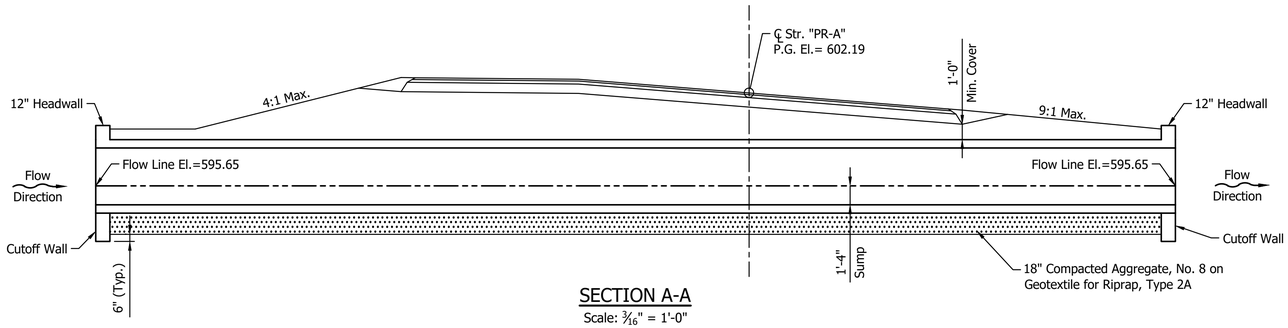
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607
SHEETS	
59 of 142	
CONTRACT	
R-43027	

FTP – 11/13/2025 8:14 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800TR_SL.dwg (STR. LAYOUT)



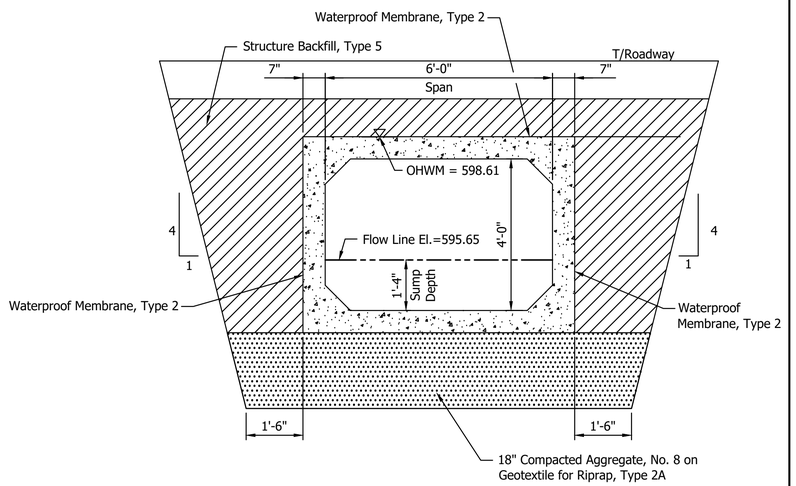
PLAN

Scale: 3/16" = 1'-0"



SECTION A-A

Scale: 3/16" = 1'-0"



SECTION B-B

Scale: 1/2" = 1'-0"

NOTE:

The waterproof membrane shall extend up the back of the headwalls.

DESIGN DATA:

Box Culvert, Wingwalls and Foundations shall be designed in accordance with AASHTO LRFD Bridge Design Specifications, 9th Edition 2020, and all subsequent interims.

Dead load shall be actual weight plus 35 psf for future wearing surface.

PRECAST 6'-0" SPAN X 4'-0" RISE
REINFORCED CONCRETE BOX CULVERT
CLEAR ROADWAY: 37'-6"; 28° SKEW RT.
U.S. 12 OVER KINTZELE DITCH
LA PORTE COUNTY

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: PJV

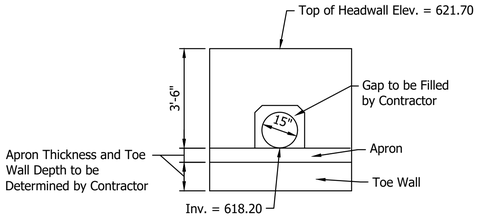
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

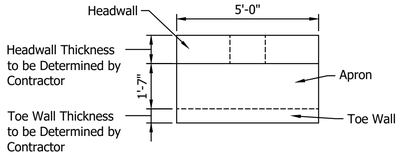
GENERAL PLAN

SCALE	BRIDGE FILE
AS NOTED	
	DESIGNATION
	2000607
	SHEETS
	60 of 142
	CONTRACT
	R-43027

TMC – 11/13/2025 8:22 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800TR_GP.dwg (GENERAL PLAN)



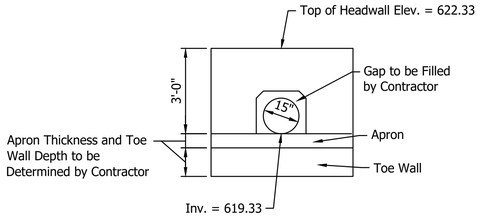
FRONT VIEW



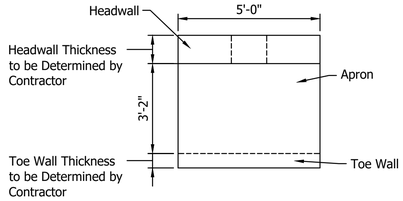
PLAN VIEW

STR. NO. 100 - 15" CULVERT

Sta. 307+58.20 Lt.
Scale: ⅜" = 1'-0"



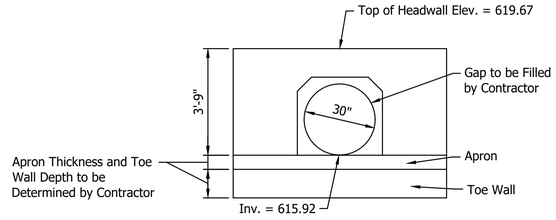
FRONT VIEW



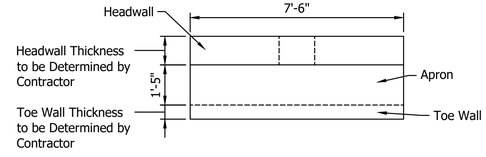
PLAN VIEW

STR. NO. 100 - 15" CULVERT

Sta. 307+58.20 Rt.
Scale: ⅜" = 1'-0"



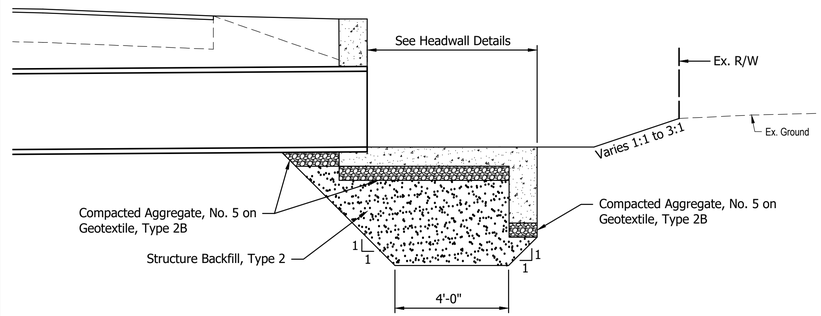
FRONT VIEW



PLAN VIEW

STR. NO. 102 - 30" CULVERT

Sta. 354+33.60 Lt.
Scale: ⅜" = 1'-0"



HEADWALL FOUNDATION

Scale: ⅜" = 1'-0"

DESIGN DATA:

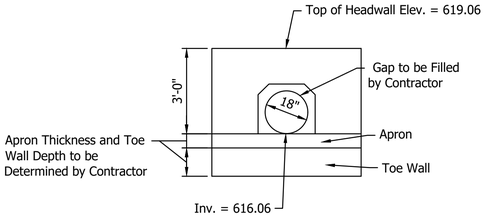
Headwalls, wingwalls, and foundations shall be designed in accordance with AASHTO LRFD Bridge Design Specifications, 10th Edition 2024, and all subsequent interims.

HEADWALL SOIL PARAMETERS:

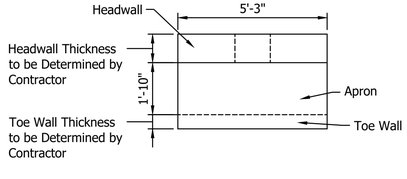
Factored Bearing Resistance (psf) =	1,755
Resistance Factor (φ)=	0.45
Nominal Bearing Resistance (psf) =	3,900
Friction Angle Between Wingwall and Backfill(δ) =	17°
Friction Factor Between Footing and Foundation Soil =	20°
Internal Friction Angle of Foundation Soil(ϕ_b) =	28°
Estimated Unit Weight of Structure Backfill, $\gamma_{moist/saturated}$ (pcf) =	110/50
Critical Soil Type:	Sand A-3

NOTES:

1. See sheets 51, 53-56 for headwall location.
2. Design strengths:
   Class "A" f'c = 3,500 psi
   Reinforcing Steel Fy = 60,000 psi
3. All reinforcing bars shall have 2" clear cover unless noted otherwise.
4. Headwall design shall be in accordance with the requirements stated in 714.04.



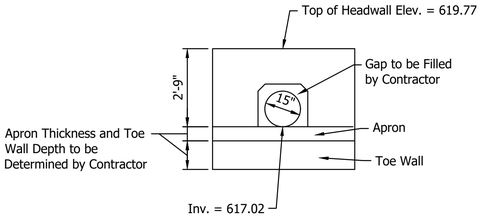
FRONT VIEW



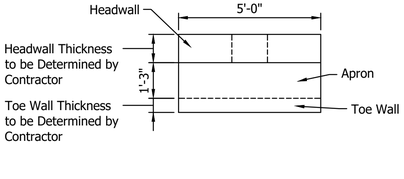
PLAN VIEW

STR. NO. 103 - 18" CULVERT

Sta. 359+77.70 Lt.
Scale: ⅜" = 1'-0"



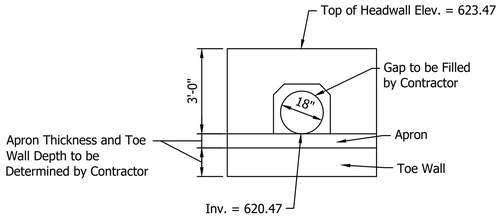
FRONT VIEW



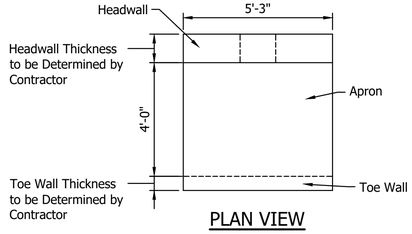
PLAN VIEW

STR. NO. 106 - 15" CULVERT

Sta. 408+62.20 Lt.
Scale: ⅜" = 1'-0"



FRONT VIEW



PLAN VIEW

STR. NO. 107 - 18" CULVERT

Sta. 437+98.00 Lt.
Scale: ⅜" = 1'-0"

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: FTP | DRAWN: PJV

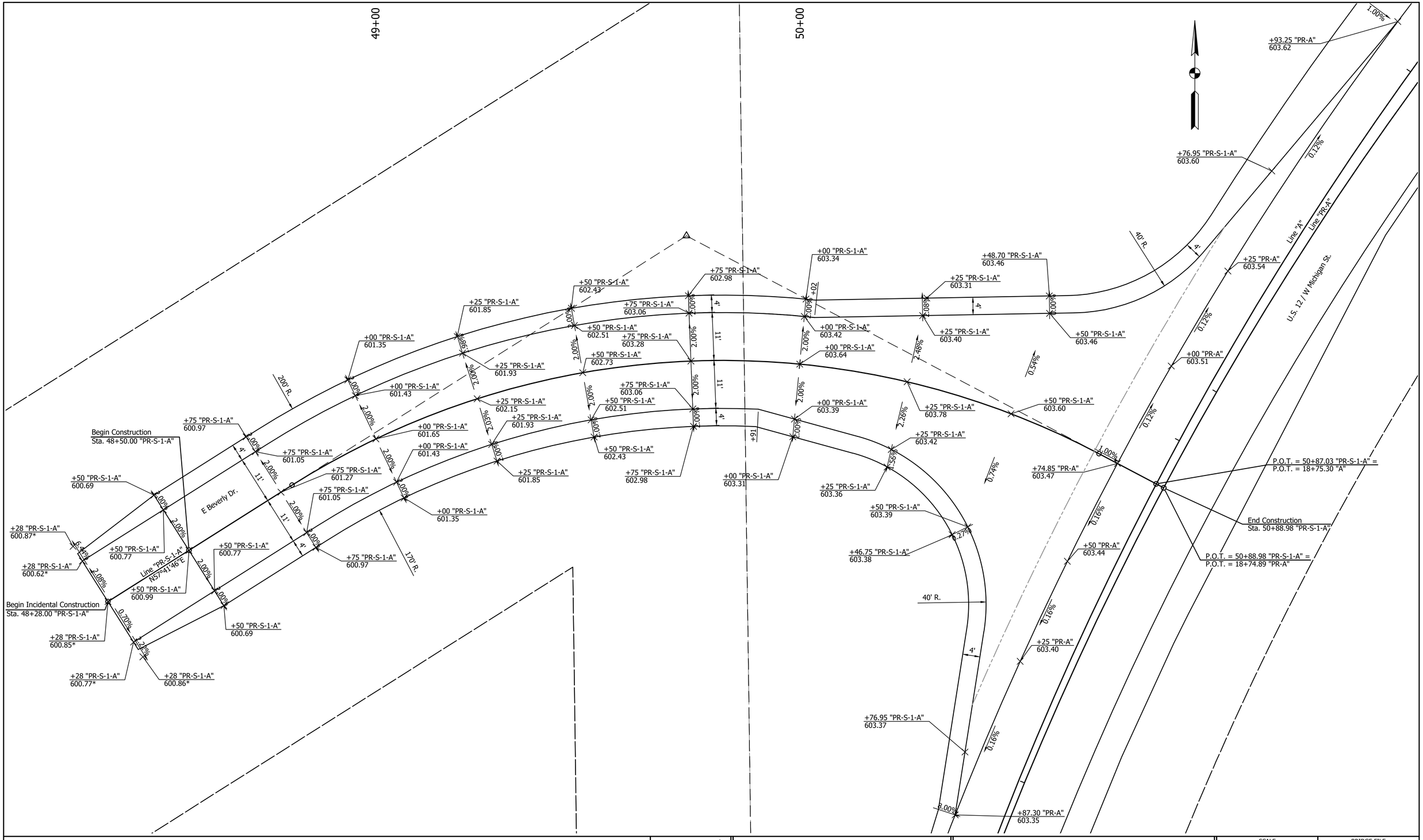
CHECKED: DGD | CHECKED: FTP

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
HEADWALLS

SCALE	BRIDGE FILE
3/8" = 1'-0"	
	DESIGNATION
	2000607
	SHEETS
	61 of 142
	CONTRACT
	R-43027

DJT – 11/13/2025 8:21 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MT\Cad\Plan Set\Civil\201722TR_DT04.dwg (HEADWALL)



NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: DJT | DRAWN: GDH

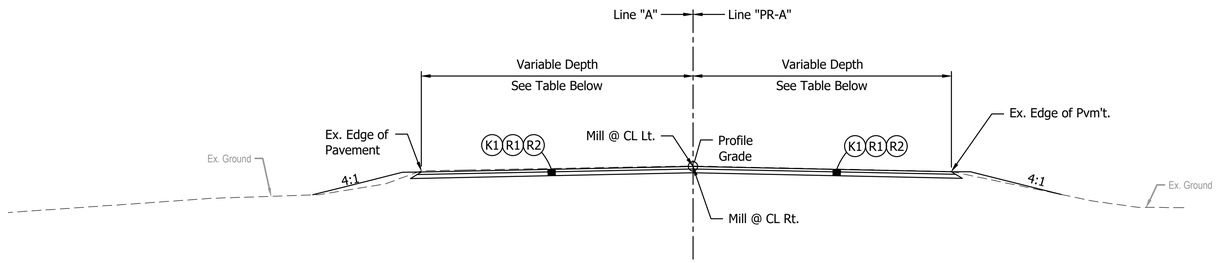
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL
U.S. 12 AND BEVERLY DR.

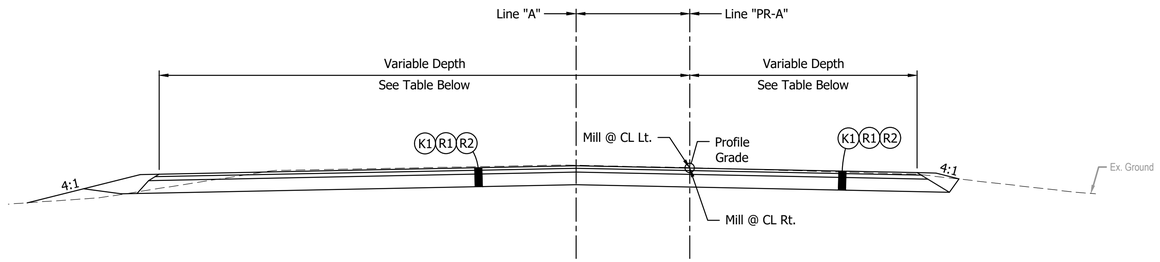
SCALE	BRIDGE FILE
1" = 10'	
	DESIGNATION
	2000607
	SHEETS
	62 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:17 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800TR_ID01.dwg (INTERSECTION DETAIL)



PROFILE MILLING - LINE "PR-A"

Scale: ¼" = 1'-0"



PROFILE MILLING - LINE "PR-A"

Scale: ¼" = 1'-0"

LEGEND:

(K1) 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm on
275 #/sys QC/QA-HMA, 3, 58H, Intermediate, 19.0 mm on
660 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm on
4" of Compacted Aggregate, No. 53 on
Subgrade Treatment, Type IC

(R1) 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm

(R2) 165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm on
275 #/sys QC/QA-HMA, 3, 58H, Intermediate, 19.0 mm

PROFILE MILLING TABLE - LINE "PR-A"

STATION	PROPOSED PVM'T. DEPTH @ LT.	MILL @ EX. E.P. LT.	DIFFERENCE BETWEEN PROFILE GRADE & O.G. @ EX. E.P. LT.	MILL @ CL LT.	DIFFERENCE BETWEEN PROFILE GRADE & O.G. @ CL	MILL @ CL RT.	DIFFERENCE BETWEEN PROFILE GRADE & O.G. @ RT.	MILL @ EX. E.P. RT.	PROPOSED PVM'T. DEPTH @ RT.
	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
12+50	R1 (1.5)	1.50	0	1.50	0	1.50	0	1.50	R1 (1.5)
12+80	R1 (1.5)	0.06	1.44	2.70	-1.20	2.70	0.36	1.14	R1 (1.5)
13+00	R1 (1.5)	0.54	0.96	1.14	0.36	1.14	0.60	0.90	R1 (1.5)
13+50	Full Depth Reconstruction				0.60	0.90	1.20	0.30	R1 (1.5)
14+00	Full Depth Reconstruction				1.92	2.08	2.28	1.72	R2 (4)
14+50	Full Depth Reconstruction				2.52	-1.20	0.72	0.78	R1 (1.5)
15+00	R2 (4)	1.72	2.28	2.80	1.20	0.30	-1.20	2.70	R1 (1.5)
15+50	R1 (1.5)	0.06	1.44	1.14	0.36	1.14	-1.08	2.58	R1 (1.5)
16+00	R1 (1.5)	1.86	-0.36	1.86	-0.36	4.36	2.04	1.96	R2 (4)
16+50	R1 (1.5)	0.06	1.44	2.58	-1.08	5.08	1.80	2.20	R2 (4)
17+00	Full Depth Reconstruction				0.84	3.16	2.64	1.36	R2 (4)

R1 = Surface, 1.5"
R2 = Surface, 1.5"
Intermediate, 2.5"

PROFILE MILLING TABLE - LINE "PR-A"

STATION	PROPOSED PVM'T. DEPTH @ LT.	MILL @ EX. E.P. LT.	DIFFERENCE BETWEEN PROFILE GRADE & O.G. @ EX. E.P. LT.	MILL @ CL LT.	DIFFERENCE BETWEEN PROFILE GRADE & O.G. @ CL	MILL @ CL RT.	DIFFERENCE BETWEEN PROFILE GRADE & O.G. @ RT.	MILL @ EX. E.P. RT.	PROPOSED PVM'T. DEPTH @ RT.
	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
17+50	Full Depth Reconstruction								
To									
26+00	Full Depth Reconstruction								
26+50	Full Depth Reconstruction				3.00	1.00	0.00	4.00	R2 (4)
27+00	Full Depth Reconstruction				1.08	2.92	2.04	1.96	R2 (4)
27+50	Full Depth Reconstruction				1.68	2.32	2.76	1.24	R2 (4)
28+00	R2 (4)	4.48	-0.48	1.72	2.28	1.72	3.96	0.04	R2 (4)
28+50	R2 (4)	4.84	-0.84	2.32	1.68	2.32	3.12	0.88	R2 (4)
29+00	R1 (1.5)	1.98	-0.48	0.30	1.20	2.80	1.56	2.44	R2 (4)
29+50	R1 (1.5)	2.34	-0.84	0.90	0.60	0.90	0.96	0.54	R1 (1.5)
29+80	R1 (1.5)	2.70	-1.20	1.14	0.36	1.14	0.84	0.66	R1 (1.5)

R1 = Surface, 1.5"
R2 = Surface, 1.5"
Intermediate, 2.5"

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT DRAWN: GDH

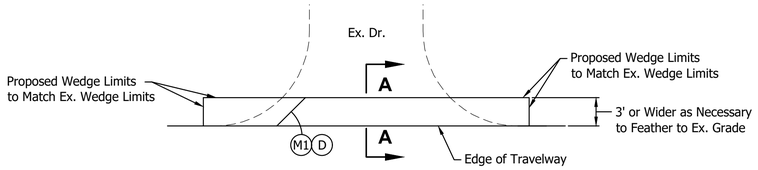
CHECKED: DGD CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

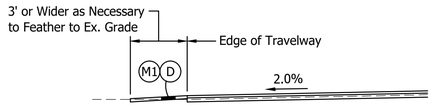
CONSTRUCTION DETAILS AND
MILLING TABLE

SCALE	BRIDGE FILE
1/4" = 1'-0"	
	DESIGNATION
	2000607
	SHEETS
	63 of 142
	CONTRACT
	R-43027

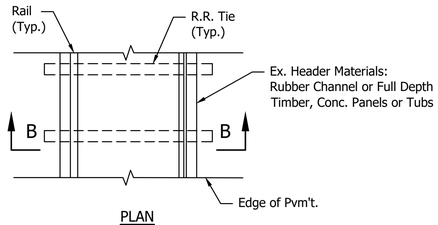
PJV – 11/13/2025 8:16 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800TR_CD01.dwg (CONST. DETAIL – MILLING)



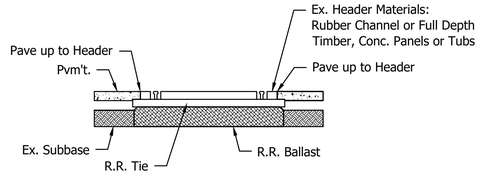
DRIVE HMA FOR APPROACHES
EXISTING WEDGE DETAIL
Not to Scale



SECTION A-A
Not to Scale

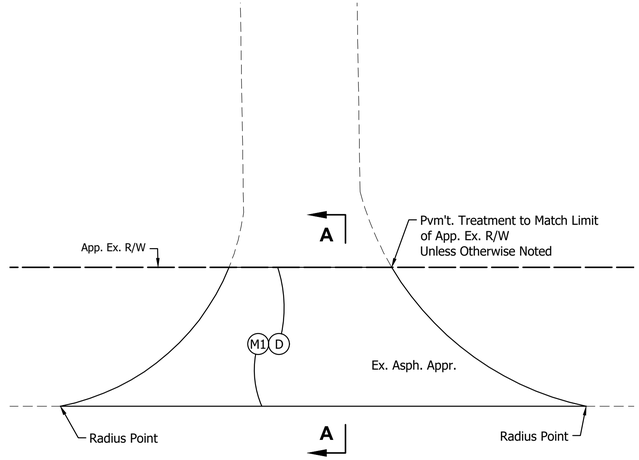


PLAN



SECTION B-B

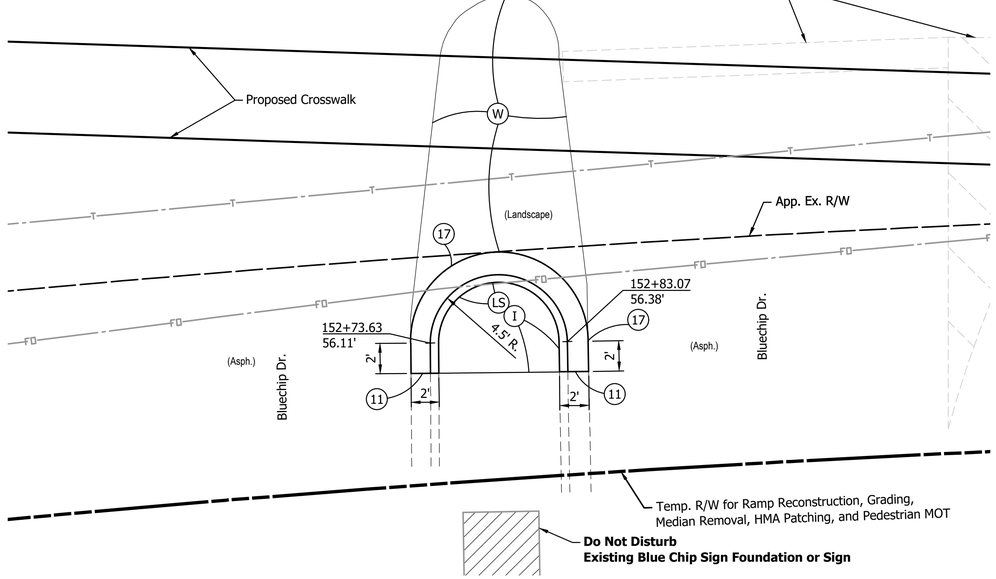
RAILROAD CROSSING HEADER DETAIL
Not to Scale



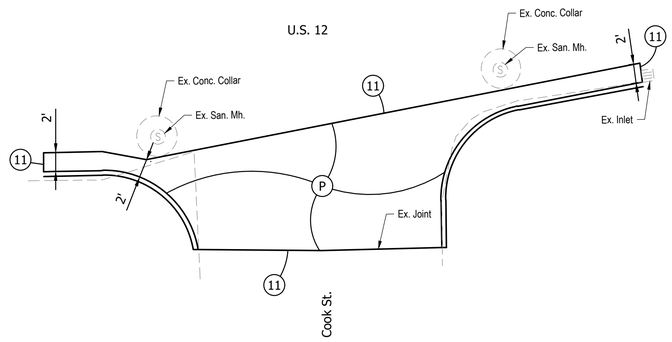
PUBLIC ROAD APPROACH WITH EXISTING ASPHALT DETAIL
Not to Scale

E Beverly Rd. (West)
Rice St. (North)
Indiana Dunes National Lakeshore (North)
Sheridan Ave. (South)
W 8th St. (South)
Logan St. (South)
Greeley Ave. (South)
Douglas Ave. (North & South)
Lincoln Ave. (South)
McClelland Ave. (North and South)
Sherman Ave. (North)
Custer Ave. (South)
W 6th St. (South)
Francisco St. (North)
Willard Ave. (South)
W 4th St. (South)
Wabash St. (North & South)
Washington St. (North & South)
Franklin St. (North)
Pine St. (North & South)
E Michigan Blvd. (South)

Spring St. (North)
E 2nd St. (North)
Blue Chip Dr. (South)
F St. (South)
Liberty Tr. (South)
Washington Park Blvd. (North)
Martin Luther King Dr. (South)
Minnie St. (South)
Nahas St. (South)
Karwick Rd. (North and South)
Twin Rd. (South)
Belle Rd. (South)
Freyer Rd. (South)
Eastwood Rd. (South)
Moore Rd. (North)
IN Hwy. 212 (South)
Old Grand Beach Rd. (North)
Meer Rd. (South)
W 1000 N (South)
Shady Oak Ln. (South)



BLUE CHIP ST. CENTER MEDIAN
APPROACH DETAIL
Sta 152+72.3 TO Sta 152+84.5
Scale 1" = 5'



COOK ST. INTERSECTION DETAIL
Scale 1½" = 1'-0"

LEGEND:

- (D) HMA for Approaches, Type B
  165 #/sys HMA, Type B, Surface
- (I) Irrigation (Match Existing)
- (LS) Landscaping (Match Existing)
- (M1) Milling, Asphalt, 1.5"
- (P) HMA Patching, Type C
  440 #/sys HMA Intermediate, Type C on
  1155 #/sys HMA Base, Type C on
  Subgrade Treatment, Type IC
- (W) HMA Patching, Full Depth, Type C, Consisting of
  440 #/sys HMA Patching, Type C, Intermediate on
  Variable Depth HMA Patching, Type C, Base
  (Match Existing Pavement Thickness Avg 1485 #/sys) on
  Subgrade Treatment Type IC
- (11) Saw Cut
- (17) Concrete Curb and Gutter

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: JAJ

CHECKED: DGD | CHECKED: DJT

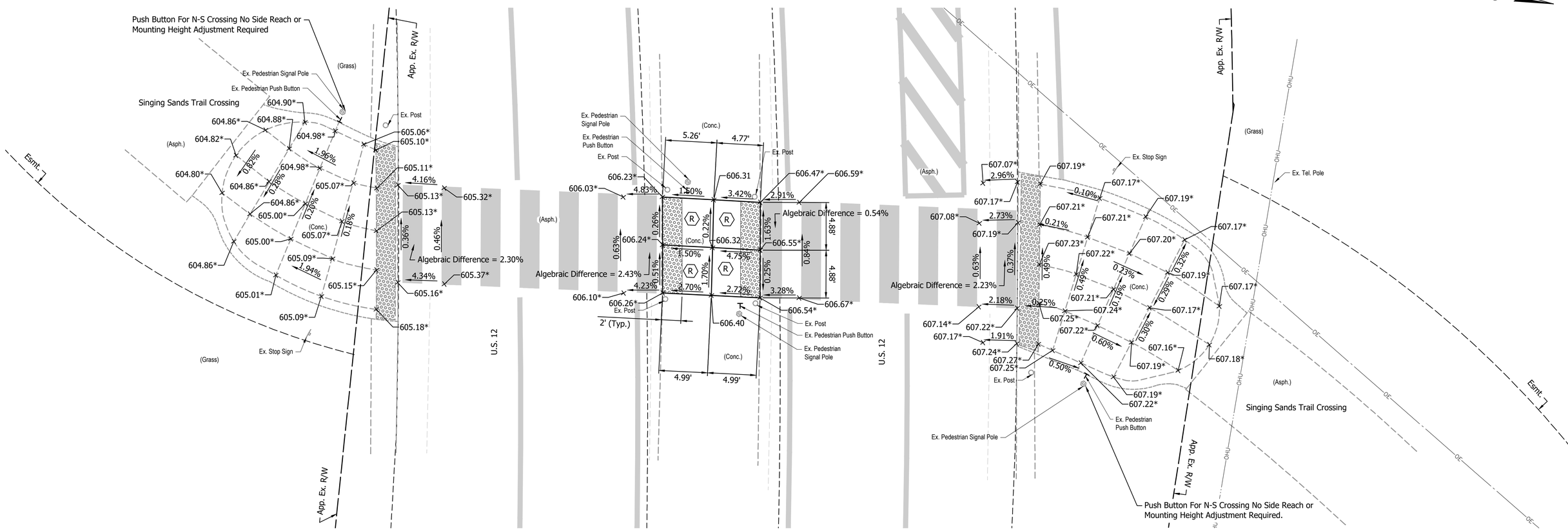
INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
APPROACH DETAILS

SCALE	BRIDGE FILE
AS NOTED	
	DESIGNATION
	2000607
	SHEETS
	64 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:21 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_DT01.dwg (APPROACH DETAILS)

NOTE:
No proposed change to the curb ramps
on either side of U.S. 12.



U.S. 12 AND SINGING SANDS TRAIL CROSSING
MEDIAN CUT-THROUGH WITH CURB
Sta. 37+88 to Sta. 37+98 Line "A"
Scale: 1" = 5'

* Existing Elevation

LEGEND:
(R) Concrete Curb Ramp

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

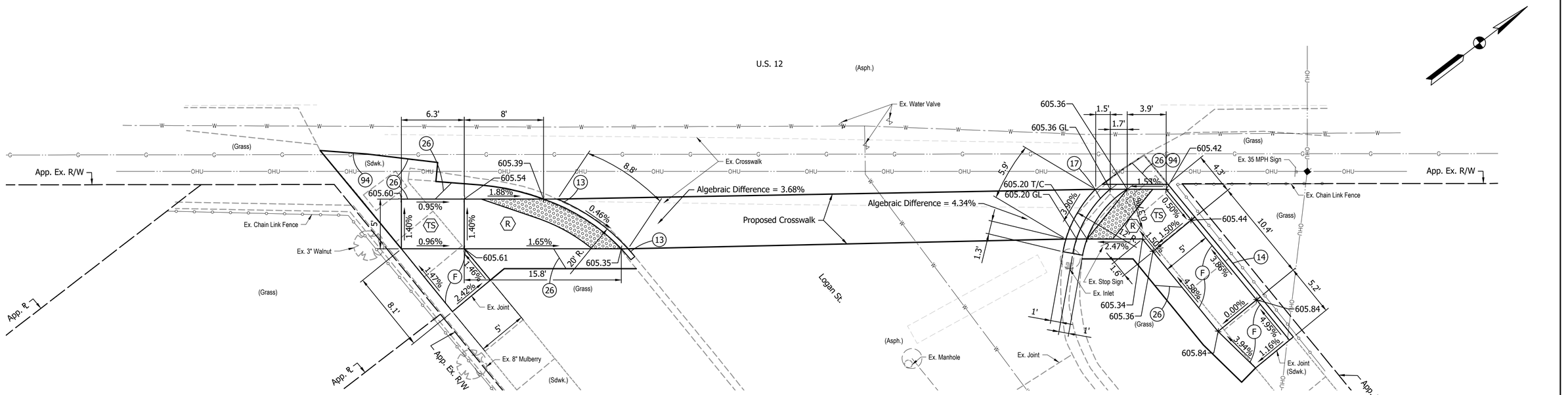
CHECKED: DGD | CHECKED: DJT

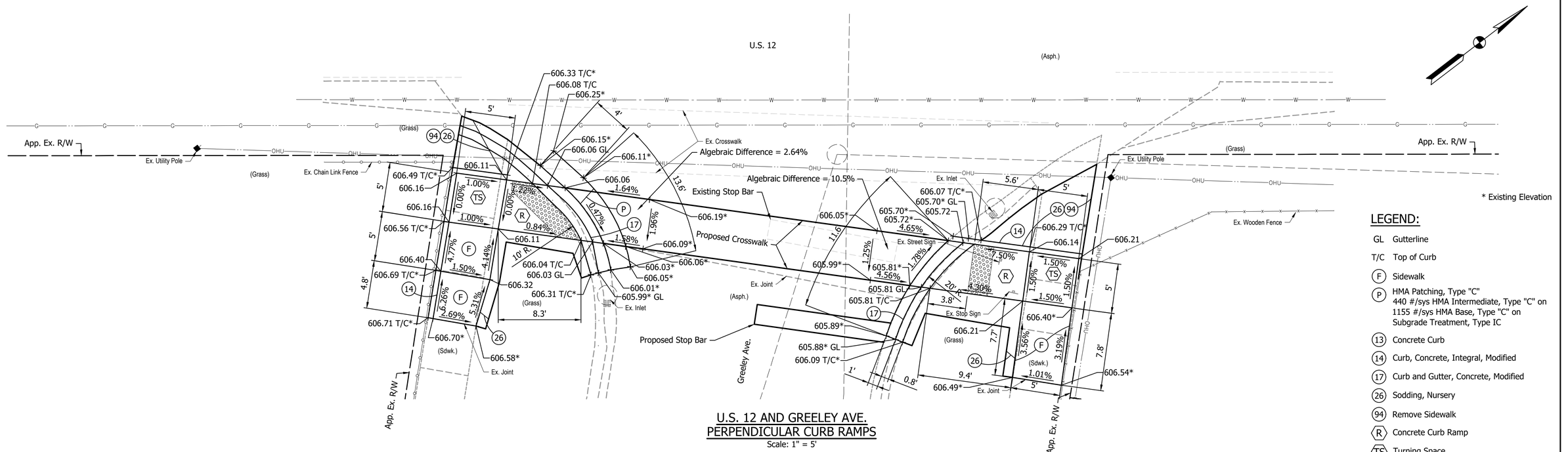
INDIANA
DEPARTMENT OF TRANSPORTATION

ADA RAMP CONSTRUCTION DETAILS
U.S. 12 AND SINGING SANDS TRAIL CROSSING

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	2000607
SHEETS	
65 of 142	
CONTRACT	
R-43027	

PJV – 11/13/2025 8:20 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_CR01.dwg (ADA DTL – SINGING SANDS)





U.S. 12 AND GREELEY AVE.
PERPENDICULAR CURB RAMPS
Scale: 1" = 5'

LEGEND:

- GL Gutterline
- T/C Top of Curb
- (F) Sidewalk
- (P) HMA Patching, Type "C" 440 #/sys HMA Intermediate, Type "C" on 1155 #/sys HMA Base, Type "C" on Subgrade Treatment, Type IC
- (13) Concrete Curb
- (14) Curb, Concrete, Integral, Modified
- (17) Curb and Gutter, Concrete, Modified
- (26) Sodding, Nursery
- (94) Remove Sidewalk
- (R) Concrete Curb Ramp
- (TS) Turning Space

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

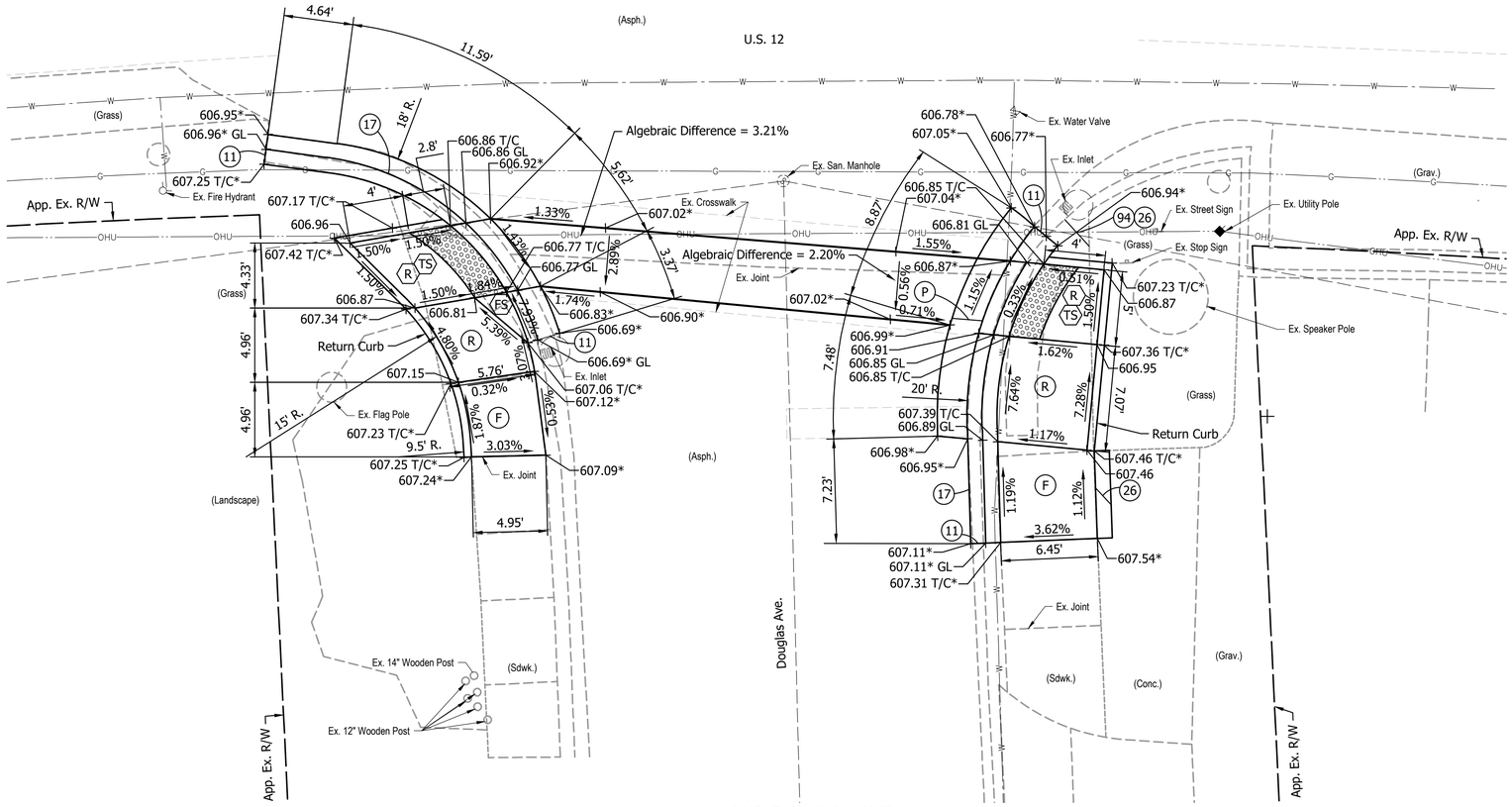
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

ADA RAMP CONSTRUCTION DETAILS
U.S. 12 AND LOGAN ST. AND GREELEY AVE.

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	2000607
	SHEETS
	66 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:24 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_CR02.dwg (ADA DTL – LOGAN AND GREELEY)



U.S. 12 AND DOUGLAS AVE.
PERPENDICULAR CURB RAMPS
Scale: 1" = 5'

* Existing Elevation

LEGEND:

GL	Gutterline
T/C	Top of Curb
(F)	Sidewalk
(P)	HMA Patching, Type "C" 440 #/sys HMA Intermediate, Type "C" on 1155 #/sys HMA Base, Type "C" on Subgrade Treatment, Type IC
(R)	165 #/sys QC/QA-HMA, 3, 64, Surface, 9.5 r
(11)	Saw Cut
(17)	Curb and Gutter, Concrete, Modified
(26)	Sodding, Nursery
(94)	Remove Sidewalk
⟨FS⟩	Flared Side
⟨R⟩	Concrete Curb Ramp
⟨TS⟩	Turning Space

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

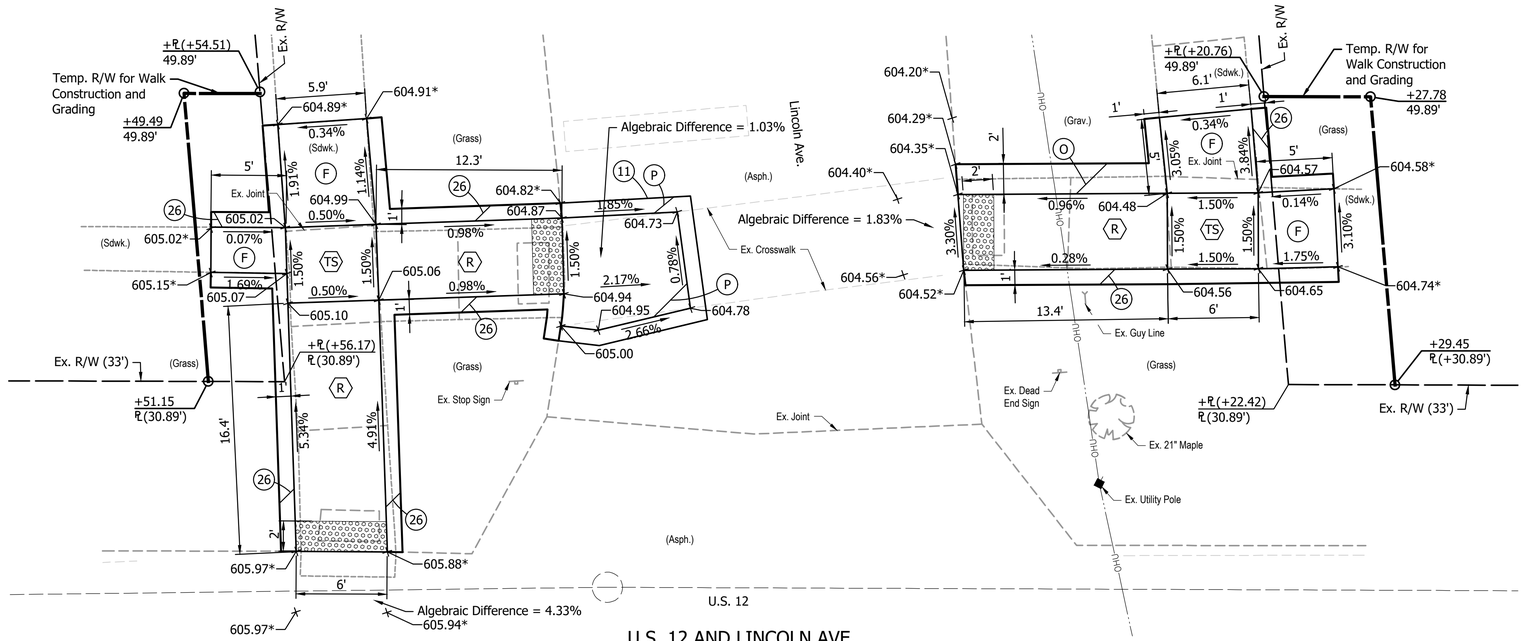
CHECKED: DGD | CHECKED: DJT

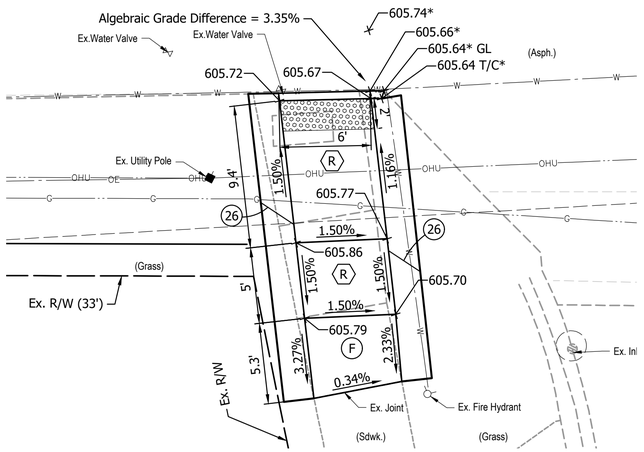
INDIANA
DEPARTMENT OF TRANSPORTATION

ADA RAMP CONSTRUCTION DETAILS
U.S. 12 AND DOUGLAS AVE.

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	2000607
	SHEETS
	67 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:16 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\2017227TR_CR03.dwg (ADA DTL – DOUGLAS)





U.S. 12 AND LINCOLN AVE.
SOUTH WEST PERPENDICULAR
CURB RAMP
Scale: 1" = 5'

* Existing Elevation

LEGEND:

GL	Gutterline
T/C	Top of Curb
(F)	Sidewalk
(O)	Compacted Aggregate, No. 53
(P)	HMA Patching, Type "C" 440 #/sys HMA Intermediate, Type "C" on 1155 #/sys HMA Base, Type "C" on Subgrade Treatment, Type IC
(11)	Saw Cut
(26)	Sodding, Nursery
(R)	Concrete Curb Ramp
(TS)	Turning Space

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

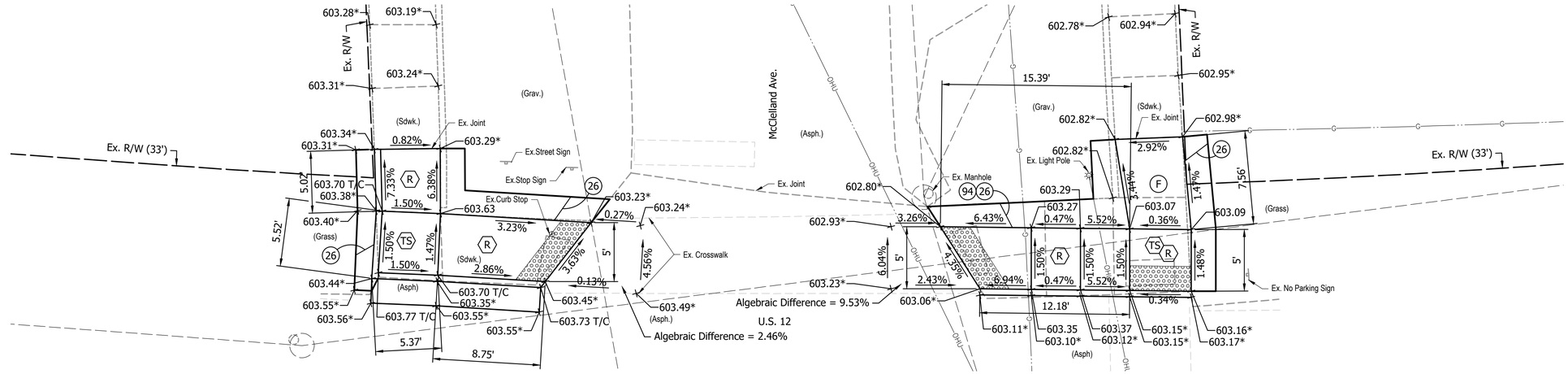
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

ADA RAMP CONSTRUCTION DETAILS
U.S. 12 AND LINCOLN AVE.

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	2000607
	SHEETS
	68 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:23 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_CR04.dwg (ADA DTL – LINCOLN)

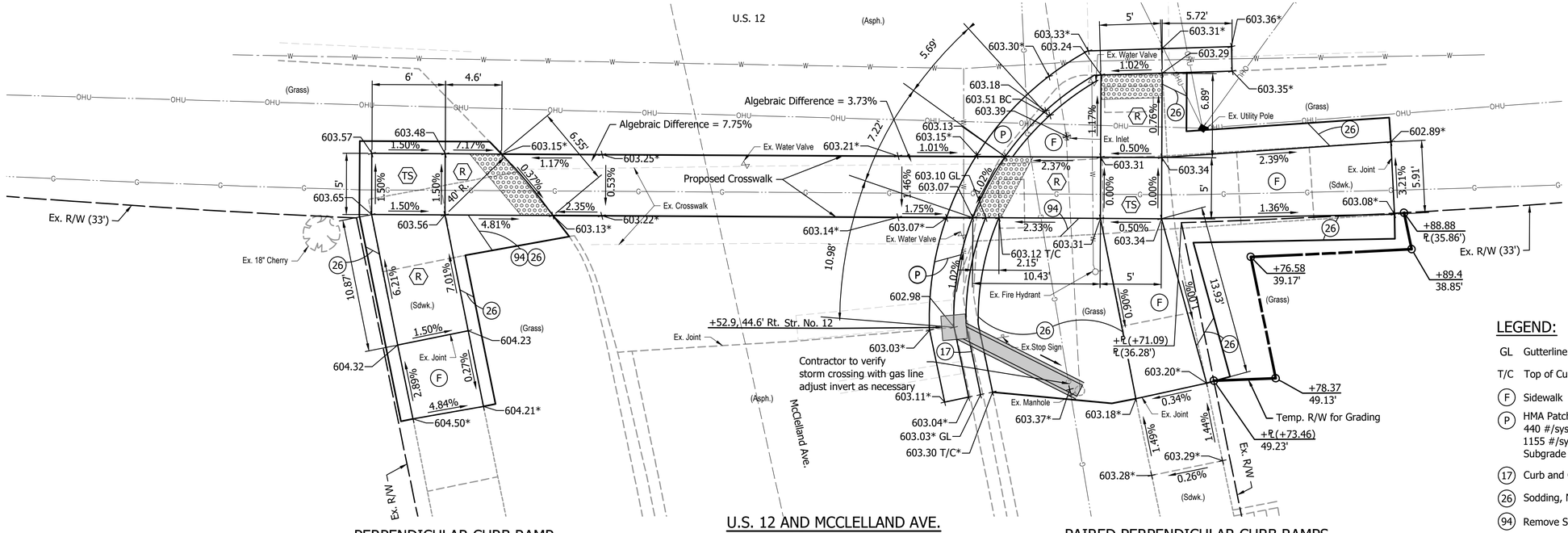


PERPENDICULAR CURB RAMP

U.S. 12 AND MCCLELLAND AVE. NORTH HALF

Scale: 1" = 5'

PAIRED PERPENDICULAR CURB RAMPS



PERPENDICULAR CURB RAMP

U.S. 12 AND MCCLELLAND AVE. SOUTH HALF

Scale: 1" = 5'

PAIRED PERPENDICULAR CURB RAMPS

* Existing Elevation

LEGEND:

- GL Gutterline
- T/C Top of Curb
- (F) Sidewalk
- (P) HMA Patching, Type "C" 440 #/sys HMA Intermediate, Type "C" on 1155 #/sys HMA Base, Type "C" on Subgrade Treatment, Type IC
- (17) Curb and Gutter, Concrete, Modified
- (26) Sodding, Nursery
- (94) Remove Sidewalk
- (R) Concrete Curb Ramp
- (TS) Turning Space

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: DJT DRAWN: GDH

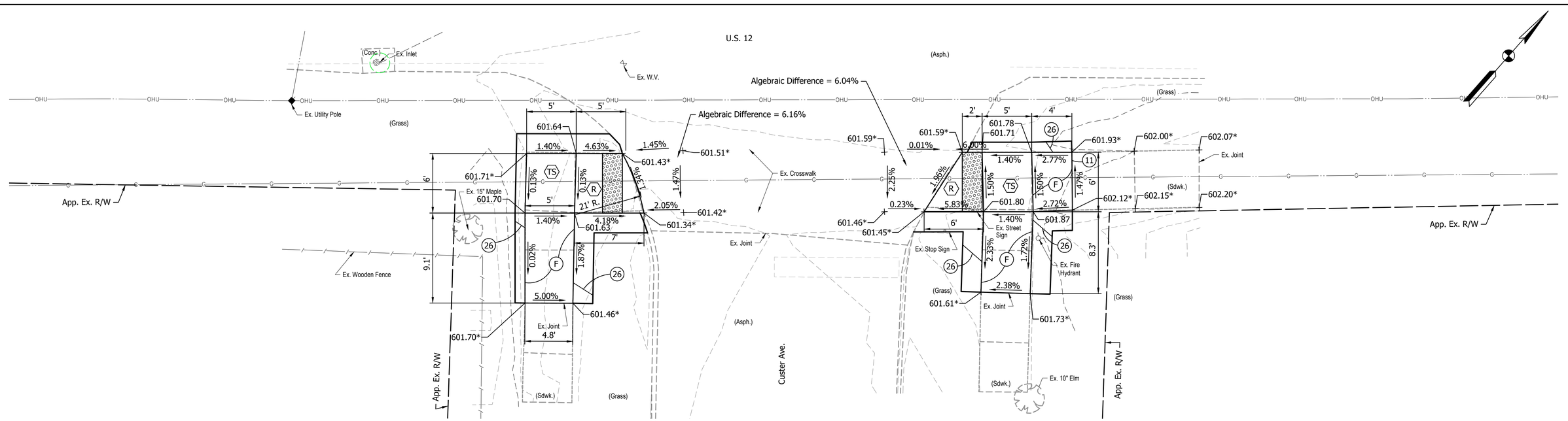
CHECKED: DGD CHECKED: DJT

INDIANA DEPARTMENT OF TRANSPORTATION

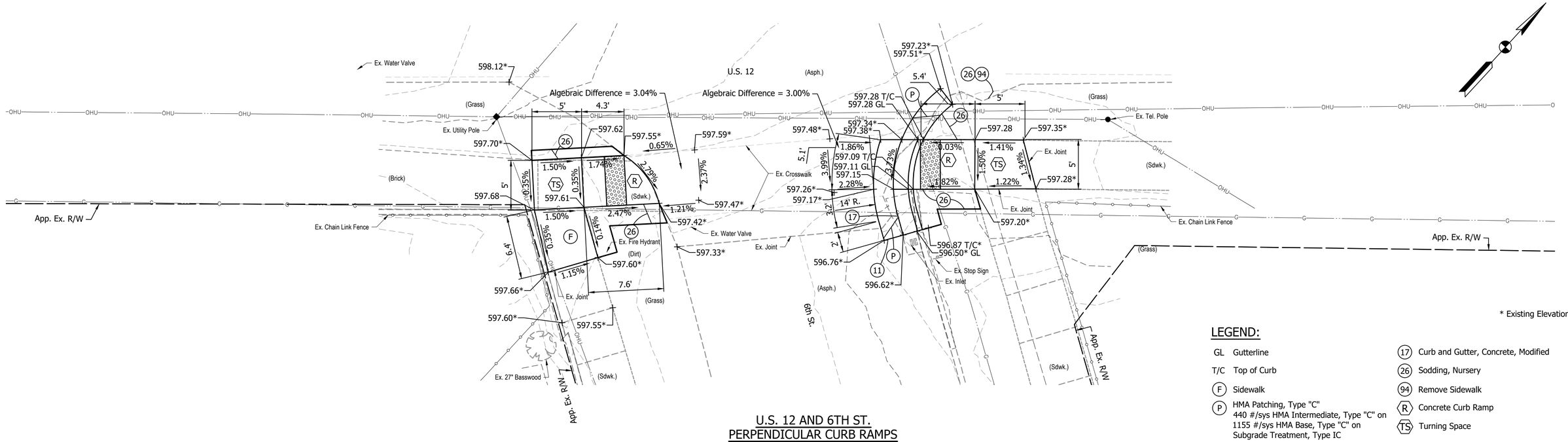
ADA RAMP CONSTRUCTION DETAILS
U.S. 12 AND MCCLELLAND AVE.

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	2000607
	SHEETS
	69 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:22 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_CR05.dwg (ADA DTL – MCCLELLAND)



U.S. 12 AND CUSTER AVE.
PERPENDICULAR CURB RAMPS
Scale: 1" = 5'



U.S. 12 AND 6TH ST.
PERPENDICULAR CURB RAMPS
Scale: 1" = 5'

* Existing Elevation

LEGEND:

GL	Gutterline	(17)	Curb and Gutter, Concrete, Modified
T/C	Top of Curb	(26)	Sodding, Nursery
(F)	Sidewalk	(94)	Remove Sidewalk
(P)	HMA Patching, Type "C" 440 #/sys HMA Intermediate, Type "C" on 1155 #/sys HMA Base, Type "C" on Subgrade Treatment, Type IC	(R)	Concrete Curb Ramp
		(TS)	Turning Space
(11)	Saw Cut		

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

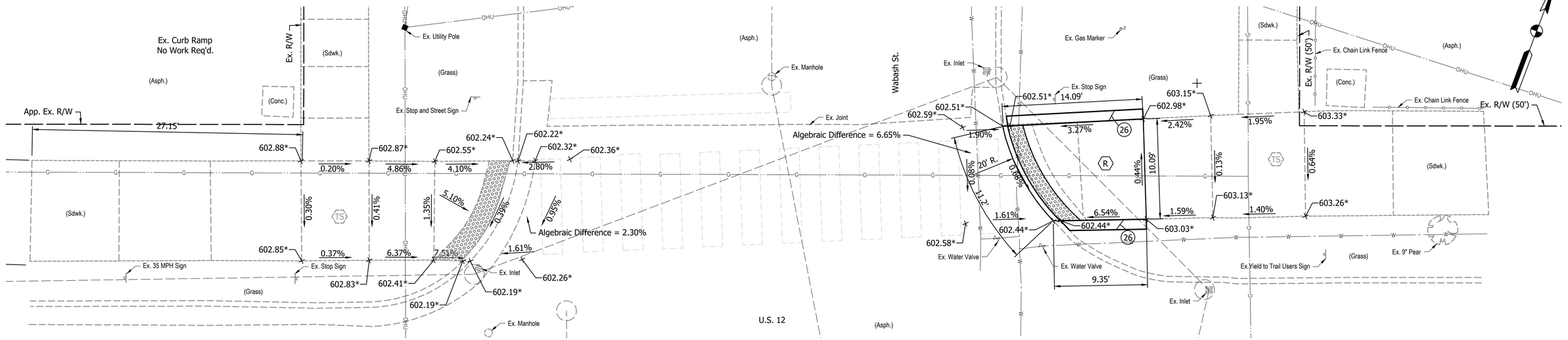
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

ADA RAMP CONSTRUCTION DETAILS
U.S. 12 AND CUSTER ST. AND 6TH ST.

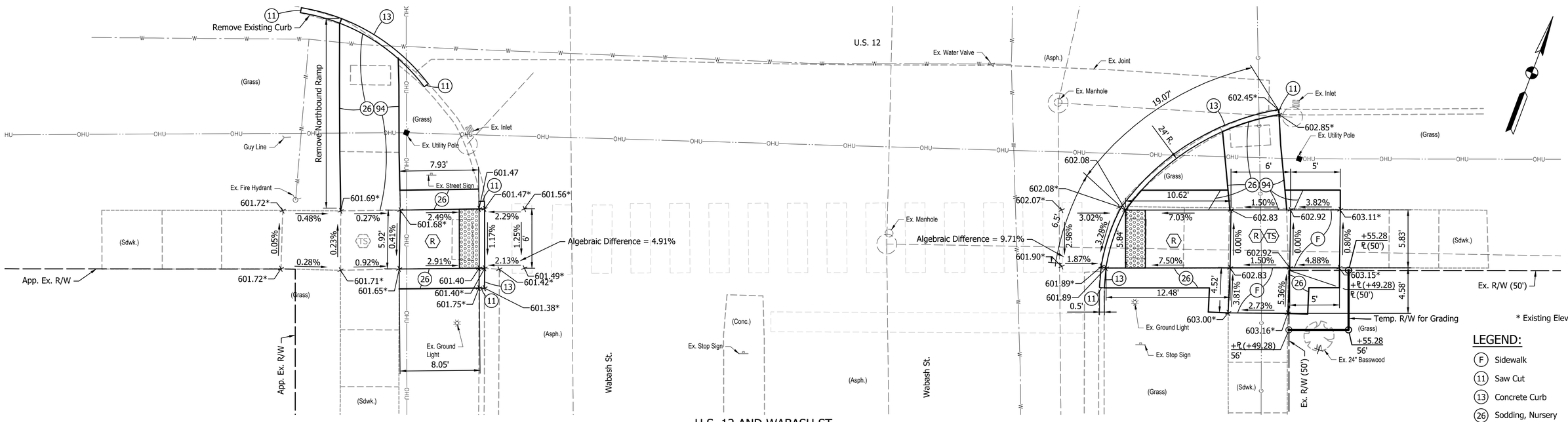
SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	2000607
	SHEETS
	70 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:15 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_CR06.dwg (ADA DTL – CUSTER AND 6TH)



U.S. 12 AND WABASH ST.
NORTH HALF
Scale: 1" = 5'

PERPENDICULAR CURB RAMP



U.S. 12 AND WABASH ST.
SOUTH HALF
PERPENDICULAR CURB RAMPS
Scale: 1" = 5'

* Existing Elevation

LEGEND:

- (F) Sidewalk
- (11) Saw Cut
- (13) Concrete Curb
- (26) Sodding, Nursery
- (94) Remove Sidewalk
- (R) Concrete Curb Ramp
- (TS) Turning Space
- (TS) Existing Turning Space

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: DJT | DRAWN: GDH

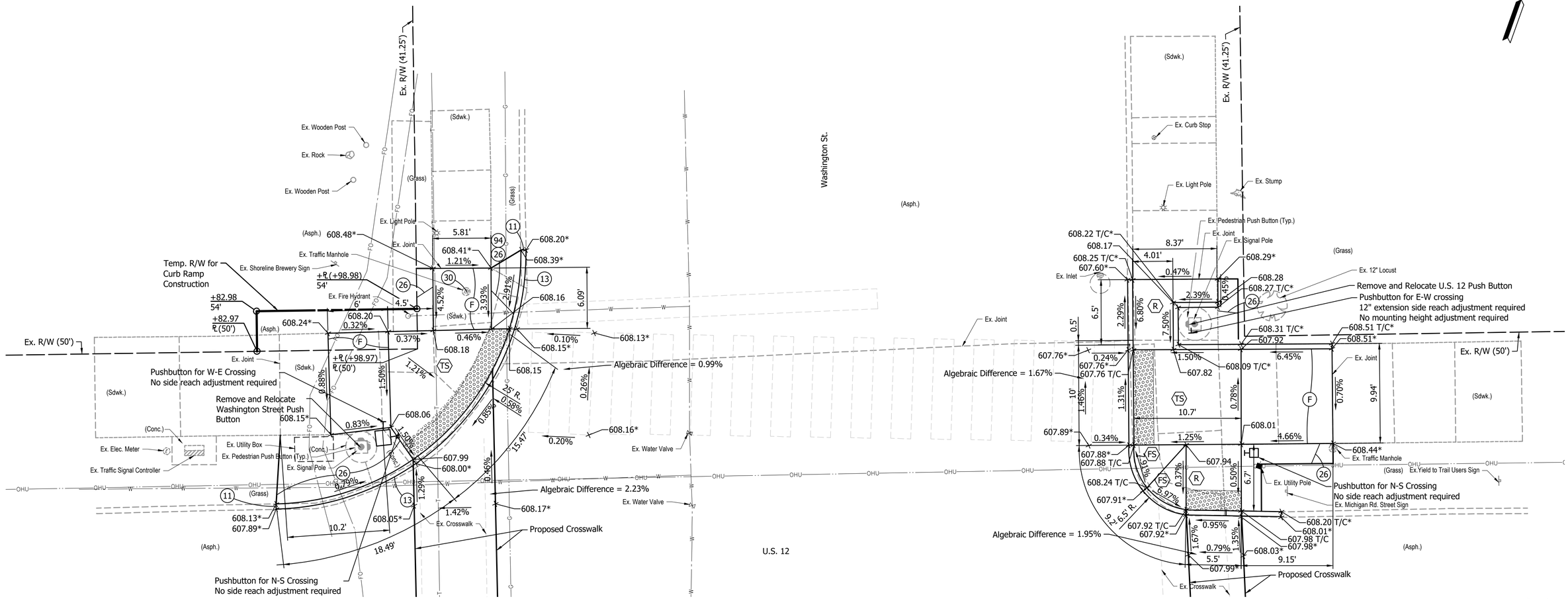
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

ADA RAMP CONSTRUCTION DETAILS
U.S. 12 AND WABASH ST.

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	2000607
	SHEETS
	71 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:16 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_CR07.dwg (ADA DTL – WABASH)



BLENDED TRANSITION CURB RAMP
WITH RUNNING SLOPE >2.00%

U.S. 12 AND WASHINGTON ST.
NORTH HALF
Scale: 1" = 5'

PAIRED PERPENDICULAR CURB RAMP

* Existing Elevation

LEGEND:

- T/C Top of Curb
- (F) Sidewalk
- (11) Saw Cut
- (13) Concrete Curb
- (26) Sodding, Nursery
- (30) Adjust Casting to Grade
- (94) Remove Sidewalk
- FS Flared Side
- R Concrete Curb Ramp
- TS Turning Space

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

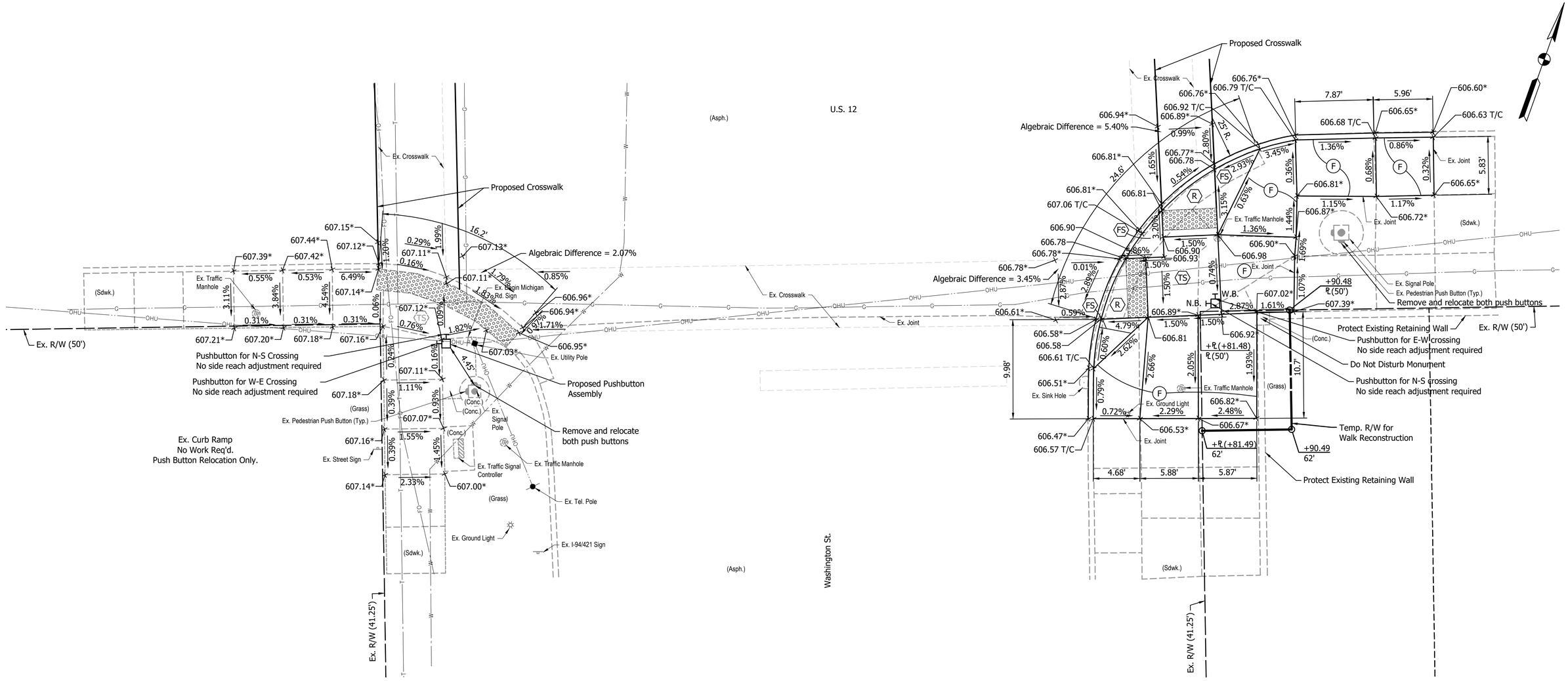
DESIGNED: DJT DRAWN: GDH
CHECKED: DGD CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

ADA RAMP CONSTRUCTION DETAILS
U.S. 12 AND WASHINGTON ST.

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	2000607
	SHEETS
	72 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:19 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_CR08.dwg (ADA DTL – WASHINGTON (NORTH))



U.S. 12 AND WASHINGTON ST.
SOUTH HALF
Scale: 1" = 5'

PAIRED PERPENDICULAR CURB RAMPS

* Existing Elevation

LEGEND:

T/C	Top of Curb
F	Sidewalk
FS	Flared Side
R	Concrete Curb Ramp
TS	Turning Space
TS	Existing Turning Space

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

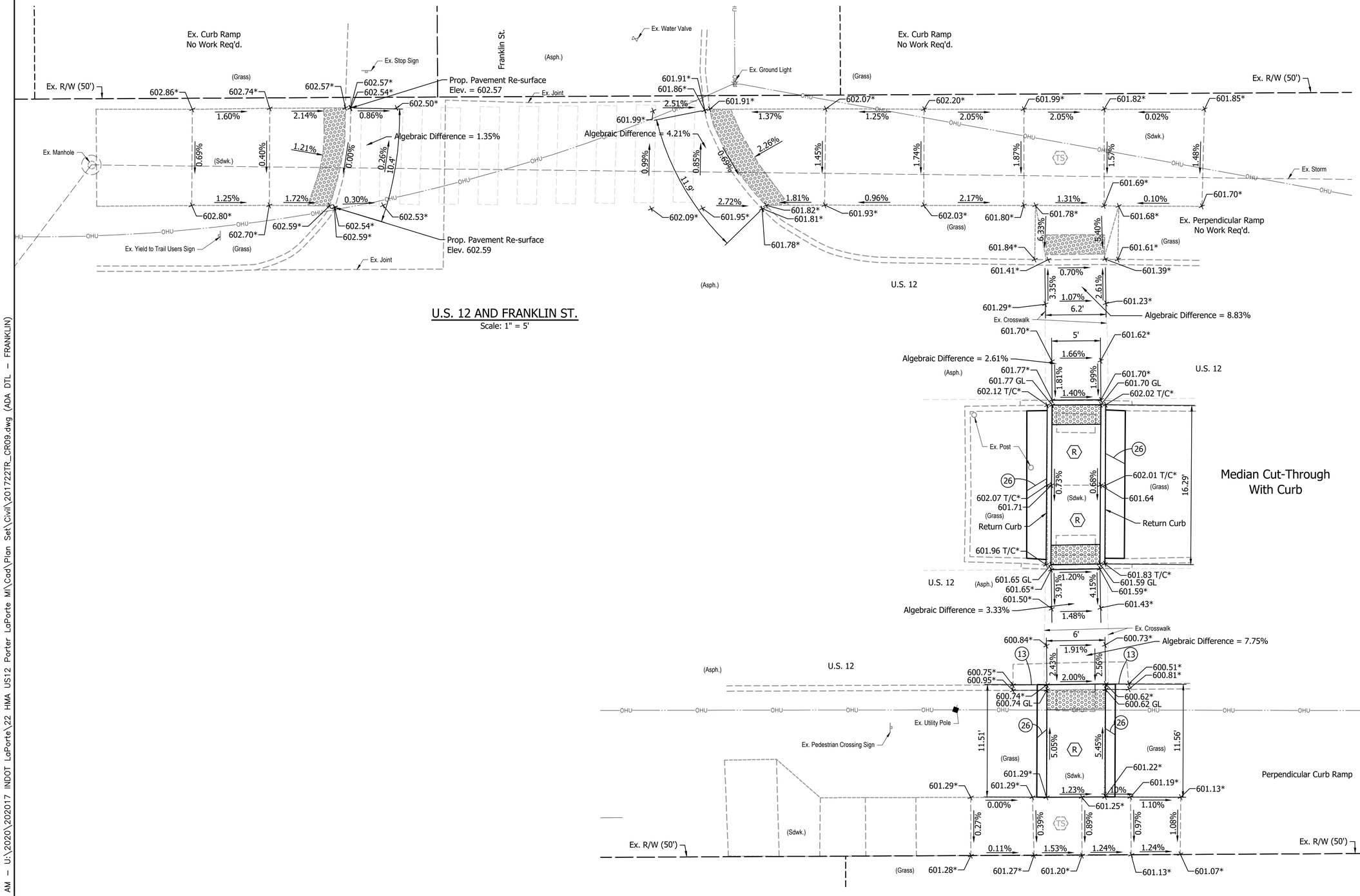
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

ADA RAMP CONSTRUCTION DETAILS
U.S. 12 AND WASHINGTON ST.

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	2000607
	SHEETS
	73 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:14 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\2017227TR_CR08.dwg (ADA DTL – WASHINGTON (SOUTH))



U.S. 12 AND FRANKLIN ST.

Scale: 1" = 5'

Median Cut-Through With Curb

* Existing Elevation

LEGEND:

- GL Gutterline
- T/C Top of Curb
- (13) Concrete Curb
- (26) Sodding, Nursery
- (R) Concrete Curb Ramp
- (TS) Existing Turning Space

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: DJT | DRAWN: GDH

CHECKED: DGD | CHECKED: DJT

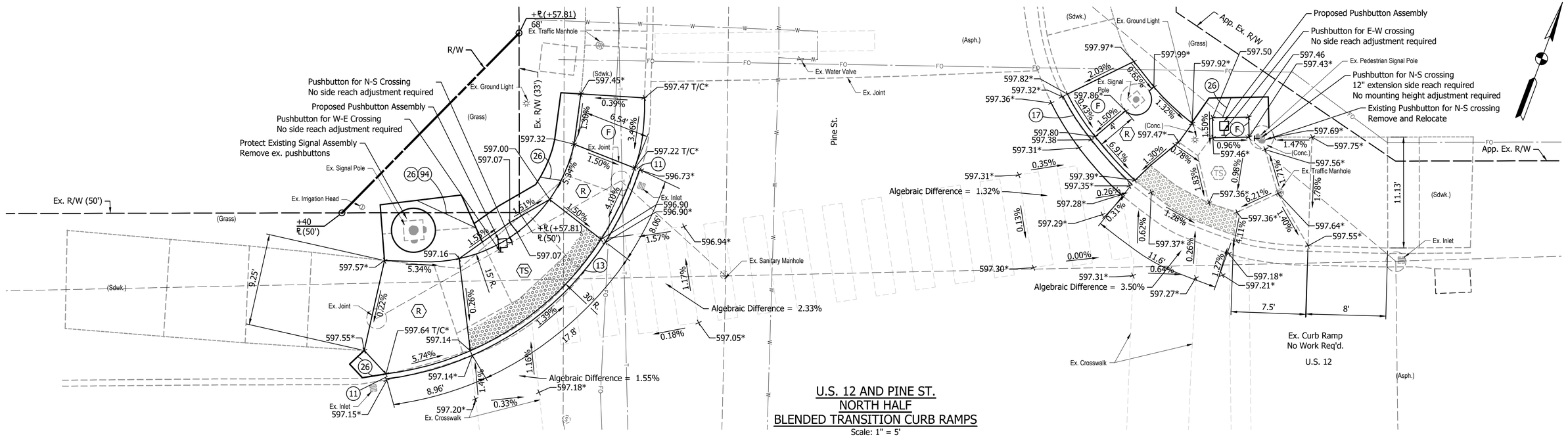
INDIANA
DEPARTMENT OF TRANSPORTATION

ADA RAMP CONSTRUCTION DETAILS
U.S. 12 AND FRANKLIN ST.

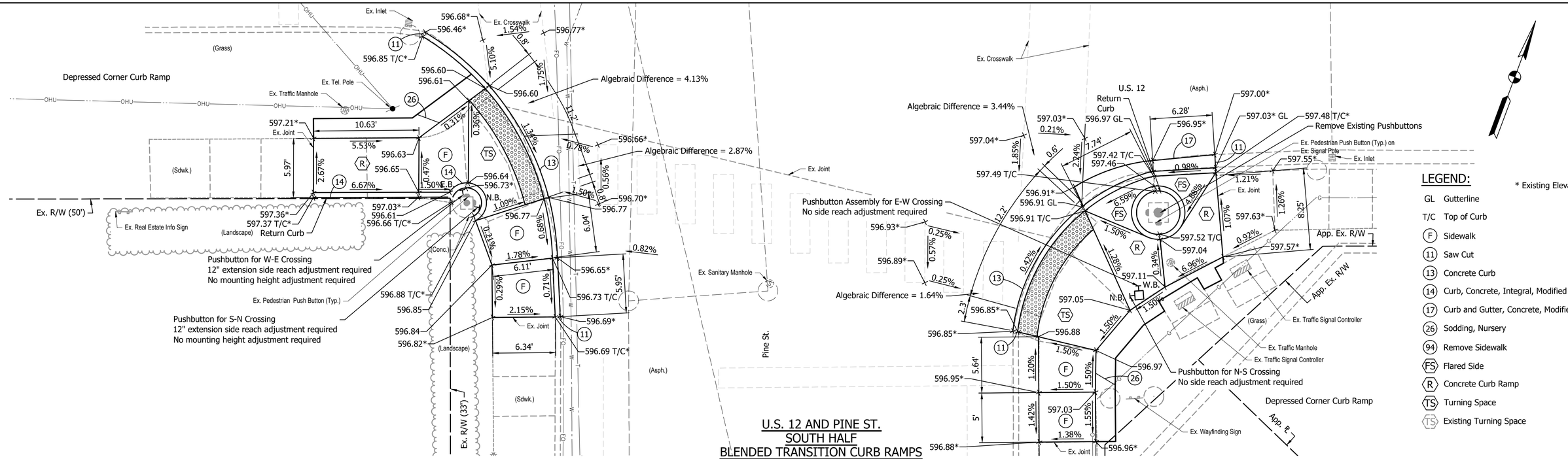
SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	2000607
	SHEETS
	74 of 142
	CONTRACT
	R-43027

DJT — 11/13/2025 8:24 AM — U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\2017227TR_CR09.dwg (ADA DTL – FRANKLIN)

PJV – 11/13/2025 8:21 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_CR10.dwg (ADA DTL – PINE)



U.S. 12 AND PINE ST.
NORTH HALF
BLENDED TRANSITION CURB RAMPS
Scale: 1" = 5'



U.S. 12 AND PINE ST.
SOUTH HALF
BLENDED TRANSITION CURB RAMPS
Scale: 1" = 5'

LEGEND:

GL	Gutterline
T/C	Top of Curb
(F)	Sidewalk
(11)	Saw Cut
(13)	Concrete Curb
(14)	Curb, Concrete, Integral, Modified
(17)	Curb and Gutter, Concrete, Modified
(26)	Sodding, Nursery
(94)	Remove Sidewalk
(FS)	Flared Side
(R)	Concrete Curb Ramp
(TS)	Turning Space
(TS)	Existing Turning Space

* Existing Elevation

NOT FOR CONSTRUCTION

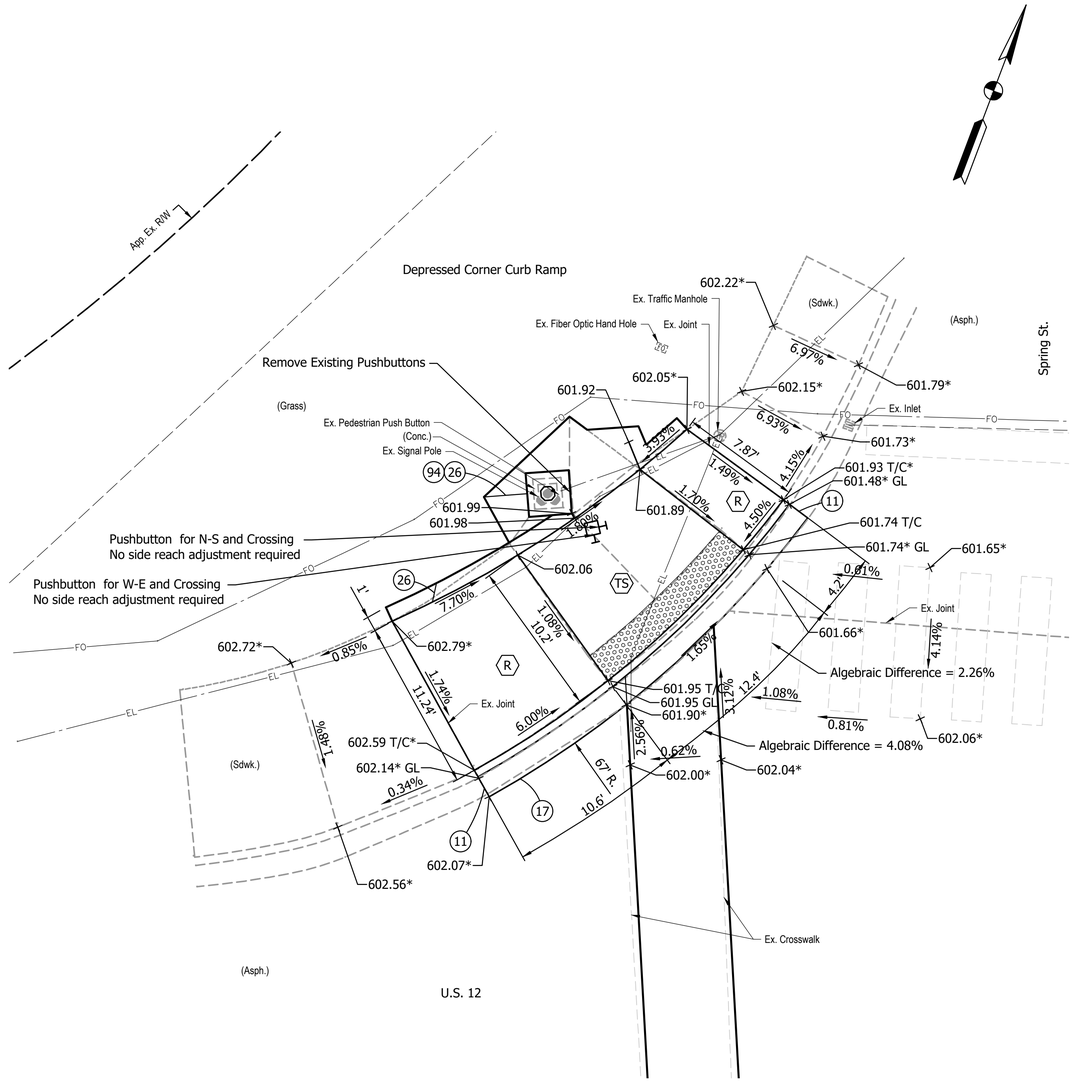
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: DJT DRAWN: GDH
CHECKED: DGD CHECKED: DJT

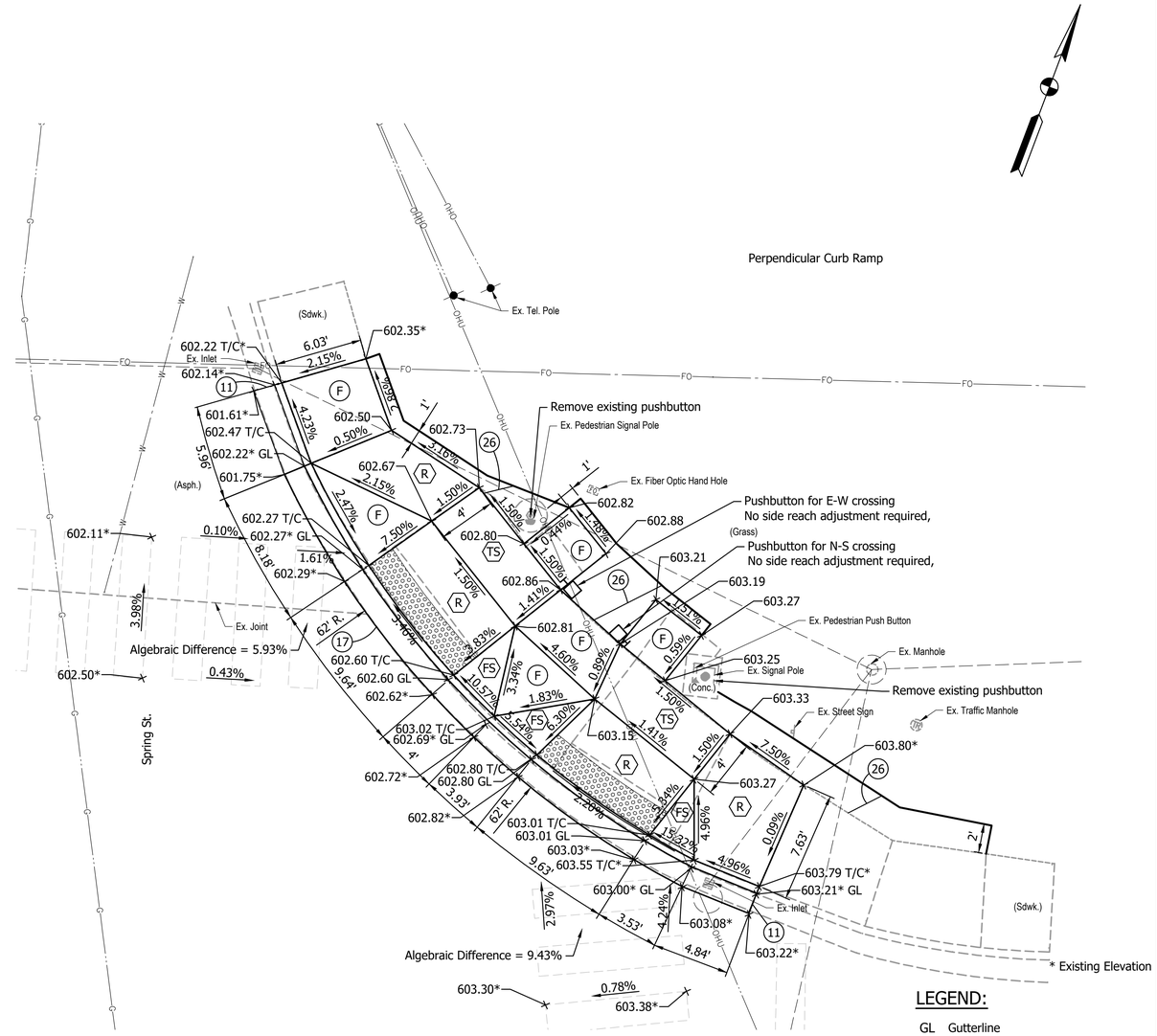
INDIANA
DEPARTMENT OF TRANSPORTATION

ADA RAMP CONSTRUCTION DETAILS
U.S. 12 AND PINE ST.

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	2000607
	SHEETS
	75 of 142
	CONTRACT
	R-43027



U.S. 12 AND SPRING ST.
NORTH WEST QUADRANT
BLENDED TRANSITION CURB RAMP
Scale: 1" = 5'



* Existing Elevation

U.S. 12 AND SPRING ST.
NORTHEAST QUADRANT
PAIRED PARALLEL CURB RAMPS
Scale: 1" = 5'

LEGEND:

- GL Gutterline
- T/C Top of Curb
- (F) Sidewalk
- (11) Saw Cut
- (17) Curb and Gutter, Concrete, Modified
- (26) Sodding, Nursery
- (94) Remove Sidewalk
- (FS) Flared Side
- (R) Concrete Curb Ramp
- (TS) Turning Space

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

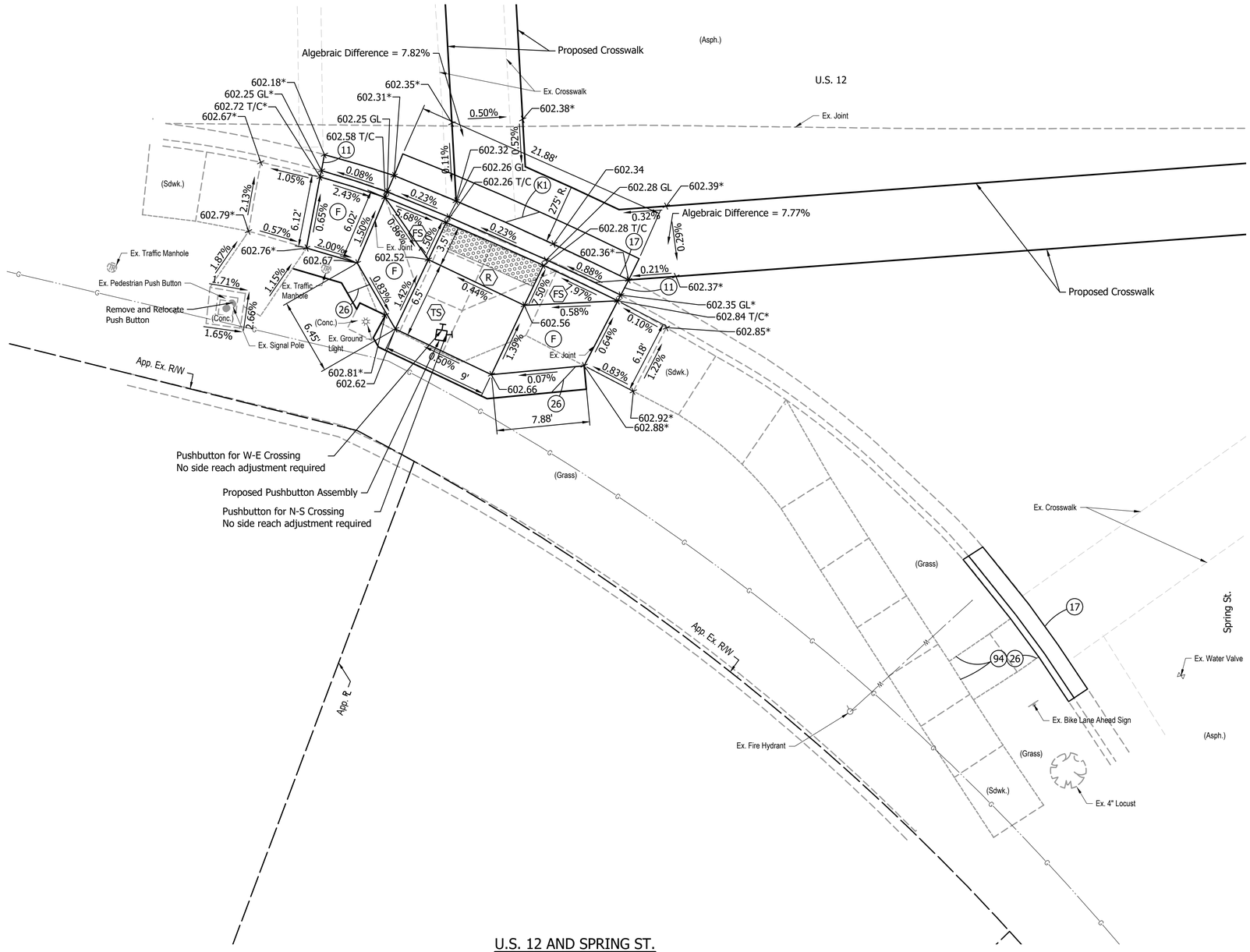
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

ADA RAMP CONSTRUCTION DETAILS
U.S. 12 AND SPRING ST. NORTH

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	2000607
	SHEETS
	76 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:17 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_CR11.dwg (ADA DTL – SPRING (NORTH))



U.S. 12 AND SPRING ST.
SOUTHWEST
DIAGONAL CURB RAMP
Scale: 1" = 5'

* Existing Elevation

LEGEND:

GL	Gutterline
T/C	Top of Curb
(F)	Sidewalk
(K1)	165 #/sys QC/QA-HMA, 3, 58H, Surface, 9.5 mm on 275 #/sys QC/QA-HMA, 3, 58H, Intermediate, 19.0 mm on 660 #/sys QC/QA-HMA, 3, 58S, Base, 19.0 mm on 4" of Compacted Aggregate, No. 53 on Subgrade Treatment, Type IC
(11)	Saw Cut
(17)	Curb and Gutter, Concrete, Modified
(26)	Sodding, Nursery
(94)	Remove Sidewalk
(FS)	Flared Side
(R)	Concrete Curb Ramp
(TS)	Turning Space

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

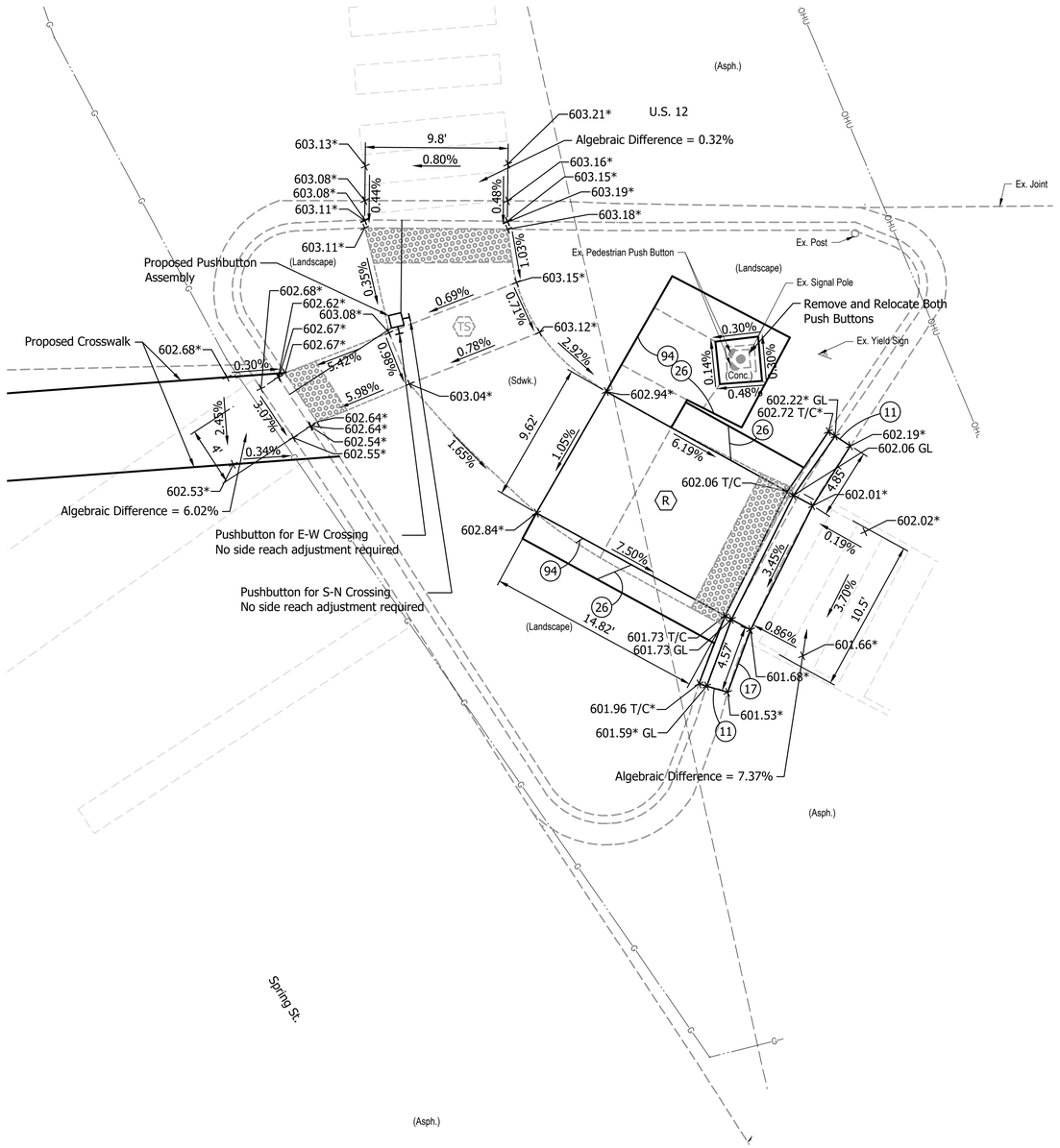
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

ADA RAMP CONSTRUCTION DETAILS
U.S. 12 AND SPRING ST. SOUTHWEST

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	2000607
	SHEETS
	77 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:13 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\2017227TR_CR11.dwg (ADA DTL – SPRING (SW))



U.S. 12 AND SPRING ST. SOUTHEAST PAIRED PERPENDICULAR CURB RAMP

Scale: 1" = 5'

NOTE:
Existing curb ramps and sidewalk to be protected.

* Existing Elevation

LEGEND:

- GL Gutterline
- T/C Top of Curb
- (11) Saw Cut
- (17) Curb and Gutter, Concrete, Modified
- (26) Sodding, Nursery
- (94) Remove Sidewalk
- (R) Concrete Curb Ramp
- (TS) Existing Turning Space

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

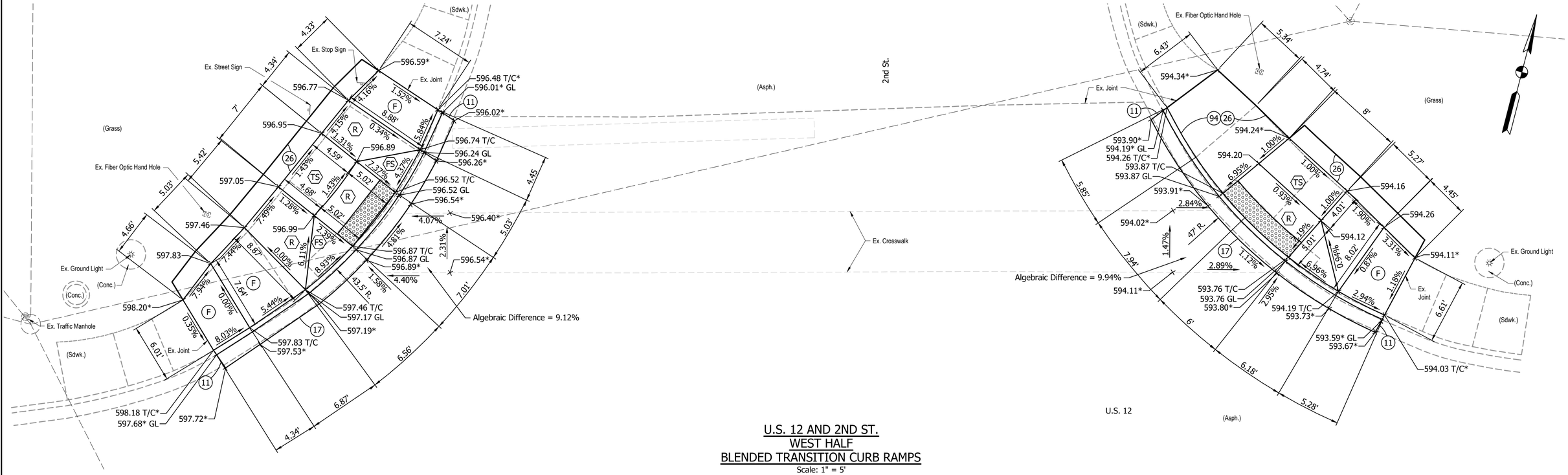
CHECKED: DGD | CHECKED: DJT

INDIANA DEPARTMENT OF TRANSPORTATION

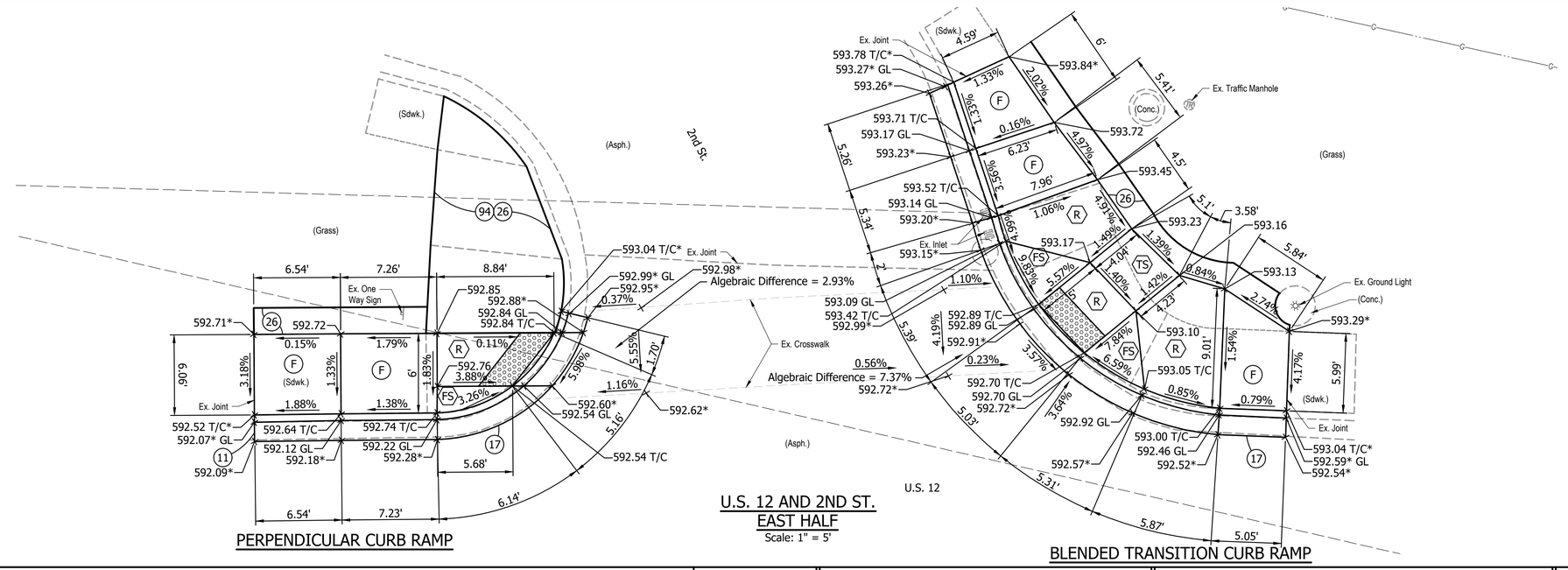
ADA RAMP CONSTRUCTION DETAILS
U.S. 12 AND SPRING ST. SOUTHEAST

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	2000607
	SHEETS
	78 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:19 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_CR11.dwg (ADA DTL – SPRING (SE))



U.S. 12 AND 2ND ST.
WEST HALF
BLENDED TRANSITION CURB RAMPS
Scale: 1" = 5'



PERPENDICULAR CURB RAMP

U.S. 12 AND 2ND ST.
EAST HALF
Scale: 1" = 5'

BLENDED TRANSITION CURB RAMP

* Existing Elevation

LEGEND:

- GL Gutterline
- T/C Top of Curb
- (F) Sidewalk
- (11) Saw Cut
- (17) Curb and Gutter, Concrete, Modified
- (26) Sodding, Nursery
- (94) Remove Sidewalk
- (FS) Flared Side
- (R) Concrete Curb Ramp
- (TS) Turning Space

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

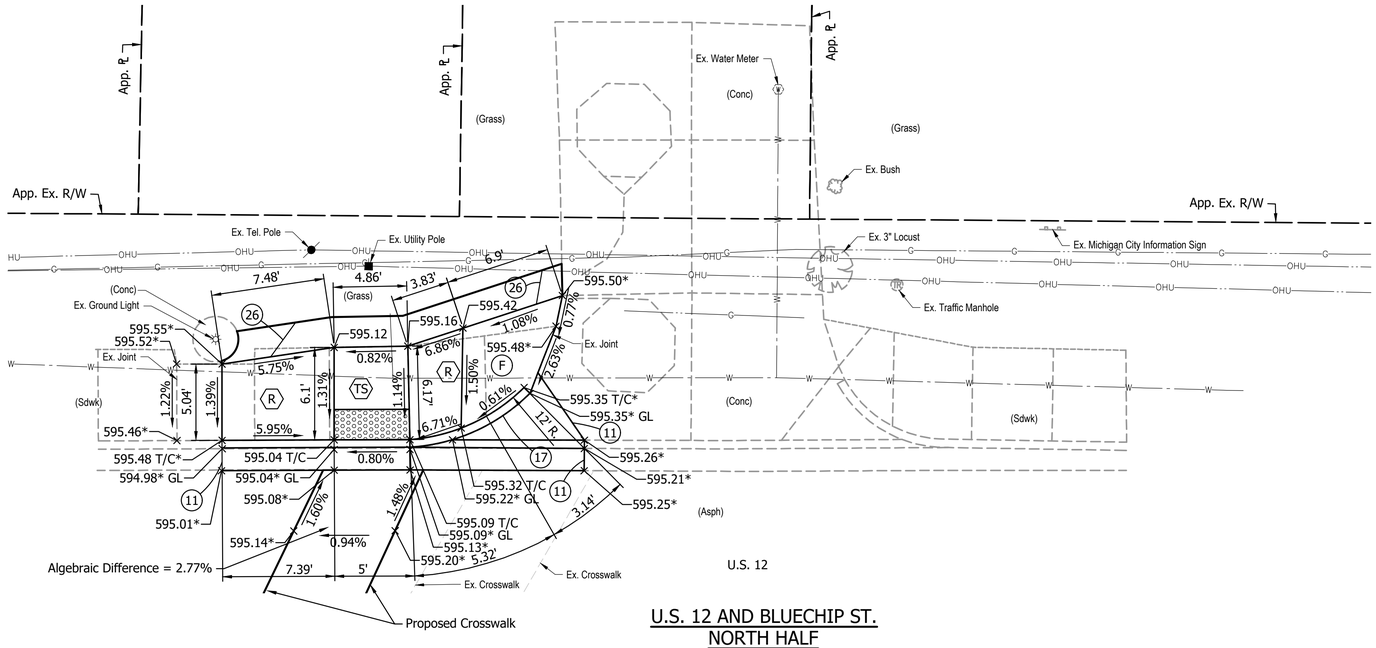
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

ADA RAMP CONSTRUCTION DETAILS
U.S. 12 AND 2ND ST.

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	2000607
	SHEETS
	79 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:21 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\2017227TR_CR12.dwg (ADA DTL – 2ND WEST AND EAST)

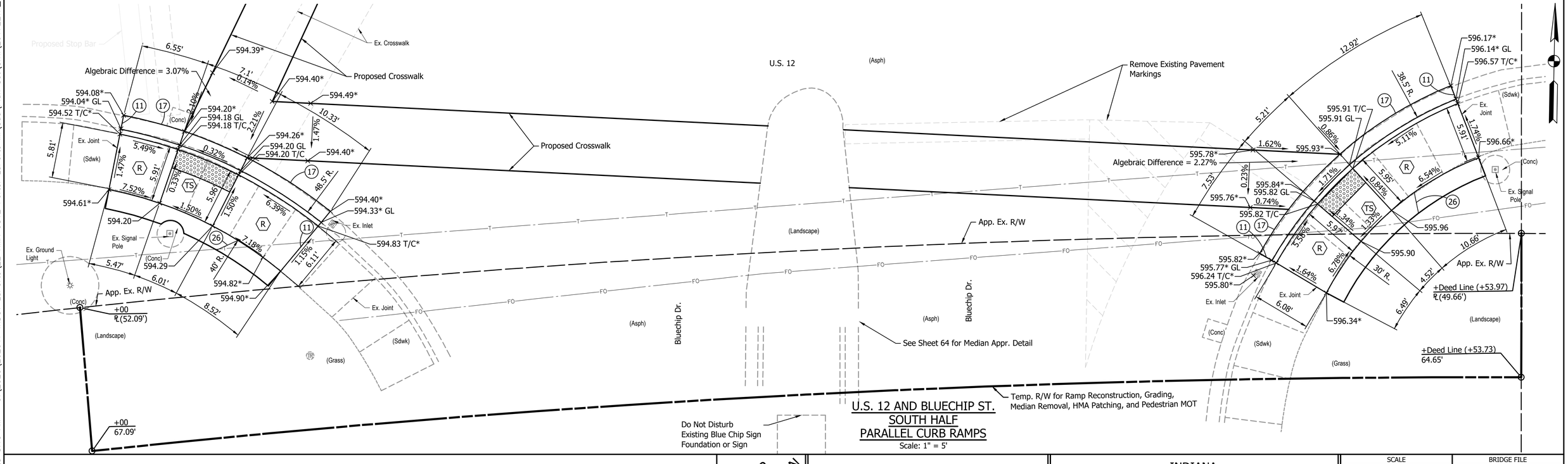


U.S. 12 AND BLUECHIP ST.
NORTH HALF
PARALLEL CURB RAMP
Scale: 1" = 5'

* Existing Elevation

LEGEND:

- GL Gutterline
- T/C Top of Curb
- (F) Sidewalk
- (11) Saw Cut
- (17) Curb and Gutter, Concrete, Modified
- (26) Sodding, Nursery
- (R) Concrete Curb Ramp
- (TS) Turning Space



U.S. 12 AND BLUECHIP ST.
SOUTH HALF
PARALLEL CURB RAMPS
Scale: 1" = 5'

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT DRAWN: GDH

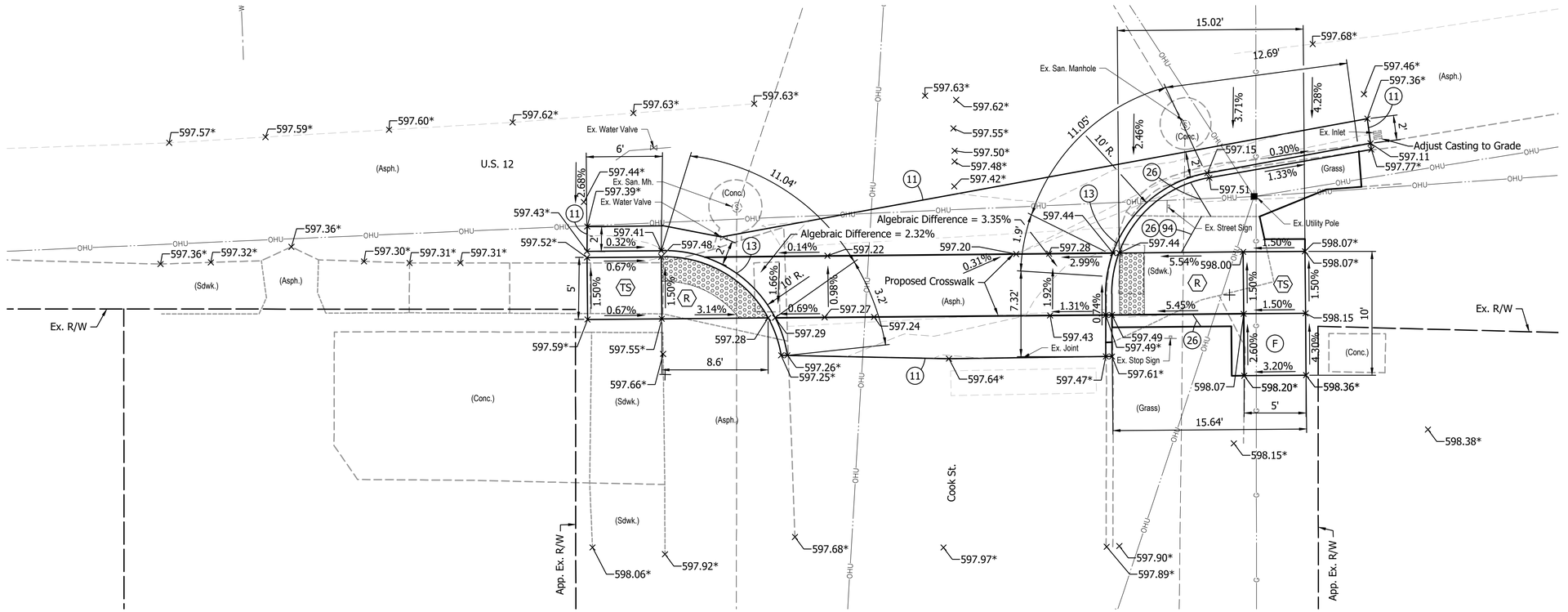
CHECKED: DGD CHECKED: DJT

INDIANA DEPARTMENT OF TRANSPORTATION

ADA RAMP CONSTRUCTION DETAILS
U.S. 12 AND BLUECHIP

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	2000607
SHEETS	
80 of 142	
CONTRACT	
R-43027	

PJV – 11/13/2025 8:15 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_CR13.dwg (ADA DTL – BLUECHIP)



ONE-WAY DIRECTIONAL PERPENDICULAR CURB RAMP ADJACENT CURB

U.S. 12 AND COOK ST.
Scale: 1" = 5'

PERPENDICULAR CURB RAMP

* Existing Elevation

LEGEND:

- (F) Sidewalk
- (11) Saw Cut
- (13) Concrete Curb
- (26) Sodding, Nursery
- (94) Remove Sidewalk
- (R) Concrete Curb Ramp
- (TS) Turning Space

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

ADA RAMP CONSTRUCTION DETAILS
U.S. 12 AND COOK ST.

SCALE	BRIDGE FILE
1" = 5'	
	DESIGNATION
	2000607
	SHEETS
	81 of 142
	CONTRACT
	R-43027

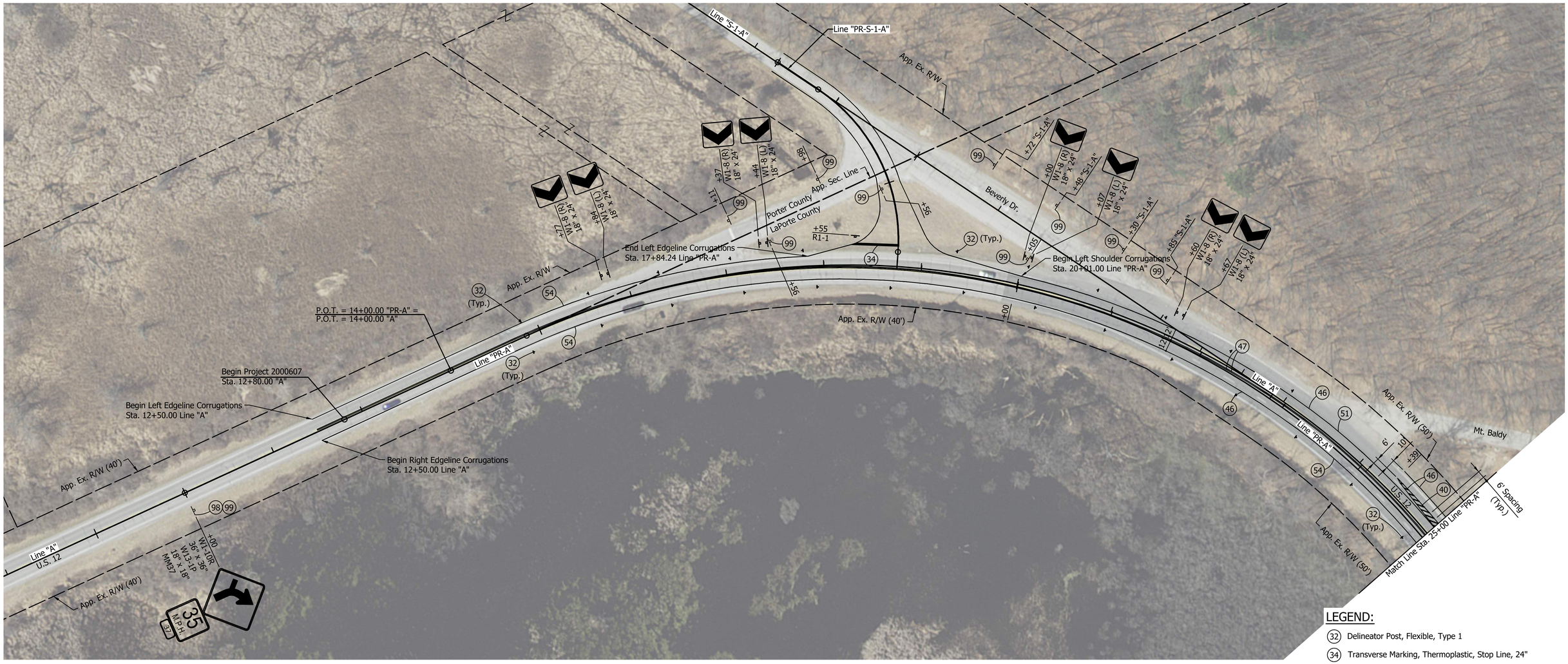
PJV – 11/13/2025 8:22 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TR_CR14.dwg (ADA DTL – COOK)

10+00

15+00

20+00

25+00



NOTE:

Flexible delineator posts, type 1, spaced at 75' apart and 2' minimum (8' maximum) off the edge of shoulder.

LEGEND:

- (32) Delineator Post, Flexible, Type 1
- (34) Transverse Marking, Thermoplastic, Stop Line, 24"
- (40) Transverse Marking, Thermoplastic, Crosshatch Line, White, 12"
- (46) Line, Thermoplastic, Solid, White, 6"
- (47) Line, Thermoplastic, Solid, Yellow, 6"
- (51) Milled HMA Corrugations, Conventional (Shoulder)
- (54) Milled HMA Corrugations, Sinusoidal (Edgeline)
- (98) Sign, Replace
- (99) Sign, Remove

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: DJT | DRAWN: GDH

CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE
STA. 10+00 TO STA. 25+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	82 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:19 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722PM_PL01.dwg (PL01)

25+00

30+00

35+00

40+00

Match Line Sta. 25+00 Line "PR-A"

Match Line Sta. 40+00 Line "A"

App. Ex. R/W (50')

App. Ex. R/W (33')

App. Ex. R/W

Line "A"

Line "PR-A"

U.S. 12

CSSB

35 M.P.H.

W1-10L 36" x 36"
W13-1P 18" x 18"

W4-2 R8-3a

W2-1?

6' Spacing (Typ.)

40' Spacing (Typ.)

16' (Typ.)

12'

10'

6'

Singing Sands Trail Crossing

END CENTER LANE ONLY

BEGIN CENTER LANE ONLY

R3-9dP R3-9b

W11-1

W11-15 W11-15P

W10-1

End Right Edgeline Corrugations
Begin Right Shoulder Corrugations
Sta. 26+50.00 Line "PR-A"

P.O.T. = 32+99.54 "PR-A" =
P.O.T. = 33+03.92 "A"

(35) X-ING

PED

(38)

NOTES:

1. Singing Sand Trail Project Constructed in 2019 is not reflected on the current aerial imagery. The crossing was surveyed as a part of this project.
2. Flexible delineator posts, type 1, spaced at 75' apart and 2' minimum (8' maximum) off the edge of shoulder.

LEGEND:

- (32) Delineator Post, Flexible, Type 1
- (35) Pavement Message Marking, Thermoplastic, PED X-ING
- (36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
- (37) Pavement Message Marking, Thermoplastic, RR
- (38) Pavement Message Marking, Thermoplastic, Bike Symbol
- (39) Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 24"
- (40) Transverse Marking, Thermoplastic, Crosshatch Line, White, 12"
- (44) Transverse Marking, Thermoplastic, Crosswalk Line, White, 24"
- (46) Line, Thermoplastic, Solid, White, 6"
- (47) Line, Thermoplastic, Solid, Yellow, 6"
- (49) Line, Thermoplastic, Broken, Yellow, 6"
- (51) Milled HMA Corrugations, Conventional (Shoulder)
- (54) Milled HMA Corrugations, Sinusoidal (Edgeline)
- (98) Sign, Replace
- (99) Sign, Remove
- Ground Mounted Sign

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE
STA. 25+00 TO STA. 40+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607

SHEETS: 83 of 142

CONTRACT: R-43027

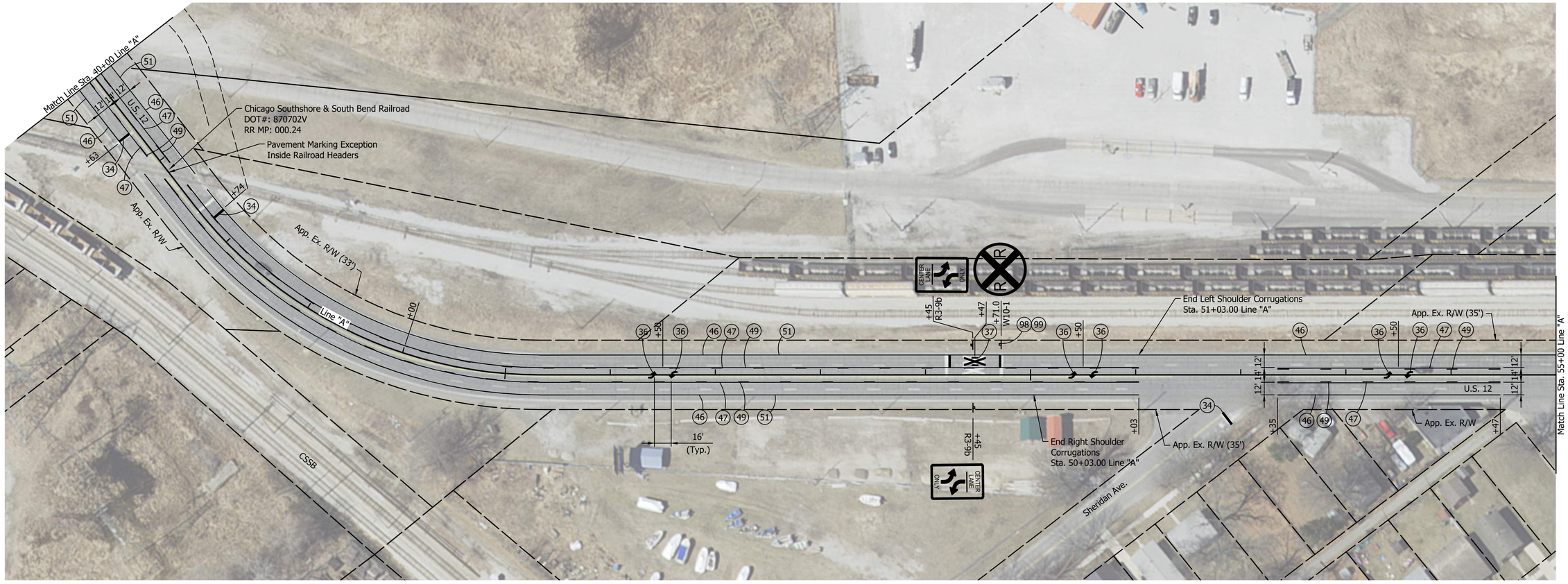
GDH – 11/13/2025 8:22 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722PM_PL01.dwg (PL02)

40+00

45+00

50+00

55+00



NOTE:

Singing Sand Trail Project Constructed in 2019
is not reflected on the current aerial imagery.

LEGEND:

- (34) Transverse Marking, Thermoplastic, Stop Line, 24"
- (36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
- (37) Pavement Message Marking, Thermoplastic, RR
- (46) Line, Thermoplastic, Solid, White, 6"
- (47) Line, Thermoplastic, Solid, Yellow, 6"
- (49) Line, Thermoplastic, Broken, Yellow, 6"
- (51) Milled HMA Corrugations, Conventional (Shoulder)
- (98) Sign, Replace
- (99) Sign, Remove
- Ground Mounted Sign

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE
STA. 40+00 TO STA. 55+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	84 of 142
	CONTRACT
	R-43027

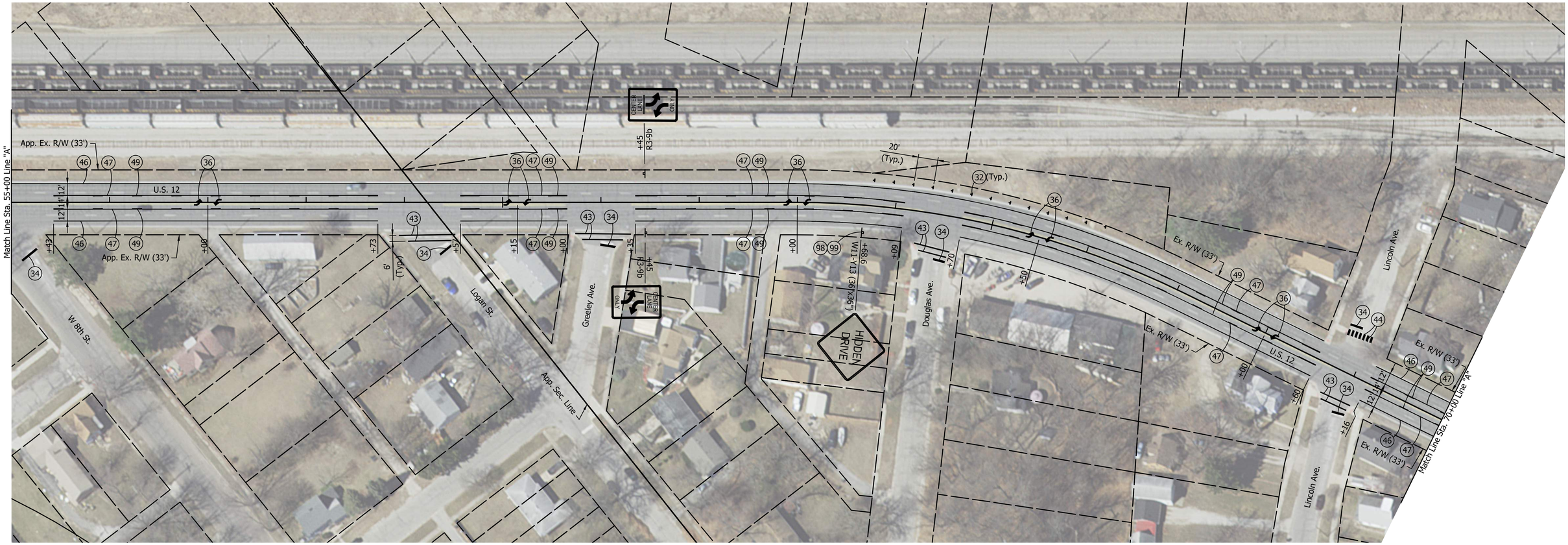
GDH – 11/13/2025 8:22 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722PM_PL01.dwg (PL03)

55+00

60+00

65+00

70+00



NOTE:

Singing Sand Trail Project Constructed in 2019
is not reflected on the current aerial imagery.

LEGEND:

- (32) Delineator Post, Flexible, Type 1
- (34) Transverse Marking, Thermoplastic, Stop Line, 24"
- (36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
- (43) Transverse Marking, Thermoplastic, Crosswalk Line, 6"
- (44) Transverse Marking, Thermoplastic, Crosswalk Line, White, 24"
- (46) Line, Thermoplastic, Solid, White, 6"
- (47) Line, Thermoplastic, Solid, Yellow, 6"
- (49) Line, Thermoplastic, Broken, Yellow, 6"
- (98) Sign, Replace
- (99) Sign, Remove

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

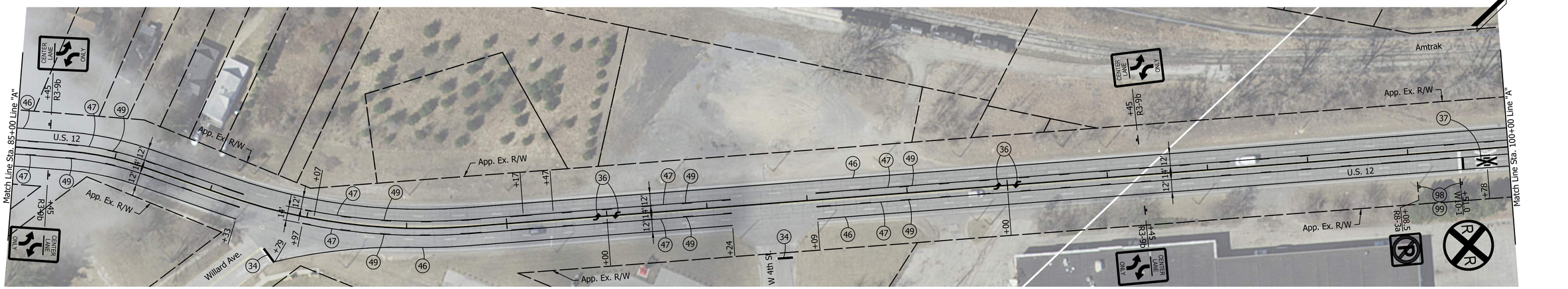
DESIGNED: DJT DRAWN: GDH
CHECKED: DGD CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE
STA. 55+00 TO STA. 70+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	85 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:21 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722PM_PL01.dwg (PL04)



LEGEND:

- (34) Transverse Marking, Thermoplastic, Stop Line, 24"
- (36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
- (37) Pavement Message Marking, Thermoplastic, RR
- (43) Transverse Marking, Thermoplastic, Crosswalk Line, 6"
- (44) Transverse Marking, Thermoplastic, Crosswalk Line, White, 24"
- (46) Line, Thermoplastic, Solid, White, 6"
- (47) Line, Thermoplastic, Solid, Yellow, 6"
- (49) Line, Thermoplastic, Broken, Yellow, 6"
- (98) Sign, Replace
- (99) Sign, Remove
- Ground Mounted Sign

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

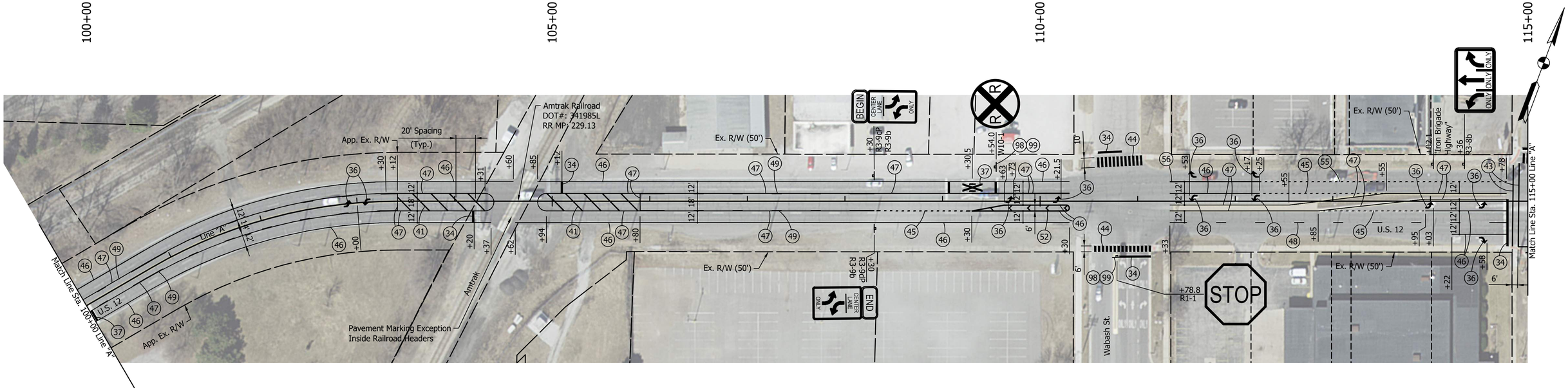
CHECKED: DGD | CHECKED: DJT

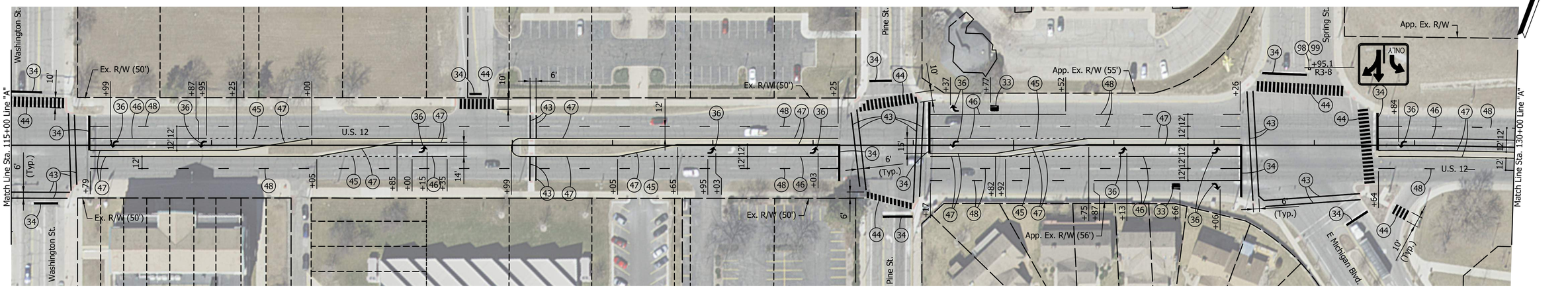
INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE
STA. 70+00 TO STA. 100+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	86 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:20 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722PM_PL01.dwg (PL05)





LEGEND:

- (33) Pavement Message Marking, Thermoplastic, Only
- (34) Transverse Marking, Thermoplastic, Stop Line, 24"
- (36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
- (37) Pavement Message Marking, Thermoplastic, RR
- (41) Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 12"
- (43) Transverse Marking, Thermoplastic, Crosswalk Line, 6"
- (44) Transverse Marking, Thermoplastic, Crosswalk Line, White, 24"
- (45) Line, Thermoplastic, Dotted, White, 6"
- (46) Line, Thermoplastic, Solid, White, 6"
- (47) Line, Thermoplastic, Solid, Yellow, 6"
- (48) Line, Thermoplastic, Broken, White, 6"
- (49) Line, Thermoplastic, Broken, Yellow, 6"
- (52) Transverse Marking, Thermoplastic, Crosshatch Line, White, 8"
- (55) Line, Thermoplastic, Dotted, White, 10"
- (56) Line, Thermoplastic, Solid, White, 10"
- (98) Sign, Replace
- (99) Sign, Remove
- Ground Mounted Sign

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

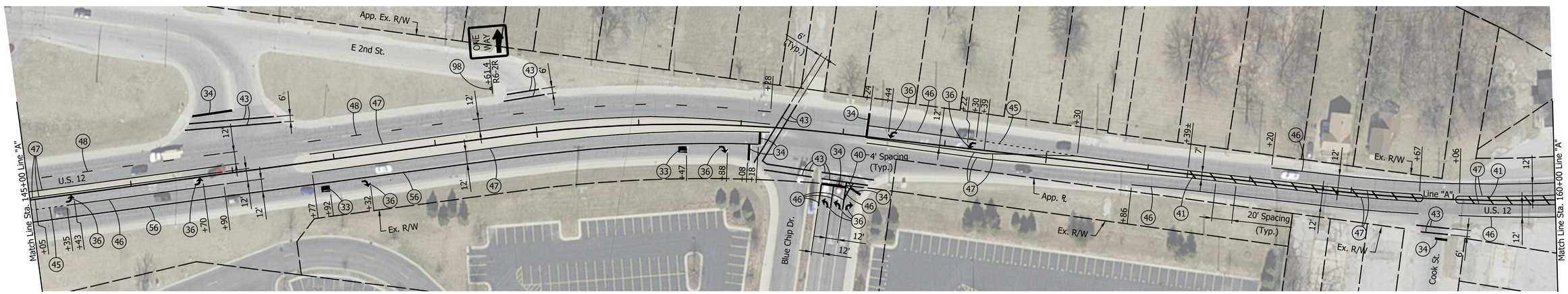
DESIGNED: DJT DRAWN: GDH
CHECKED: DGD CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE
STA.100+00 TO STA 130+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	87 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:18 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722PM_PL01.dwg (PL06)



LEGEND:

- (33) Pavement Message Marking, Thermoplastic, Only
- (34) Transverse Marking, Thermoplastic, Stop Line, 24"
- (36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
- (40) Transverse Marking, Thermoplastic, Crosshatch Line, White, 12"
- (41) Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 12"
- (43) Transverse Marking, Thermoplastic, Crosswalk Line, 6"
- (45) Line, Thermoplastic, Dotted, White, 6"
- (46) Line, Thermoplastic, Solid, White, 6"
- (47) Line, Thermoplastic, Solid, Yellow, 6"
- (48) Line, Thermoplastic, Broken, White, 6"
- (55) Line, Thermoplastic, Dotted, White, 10"
- (56) Line, Thermoplastic, Solid, White, 10"
- (98) Sign, Replace
- (99) Sign, Remove
- ⊣ Ground Mounted Sign

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

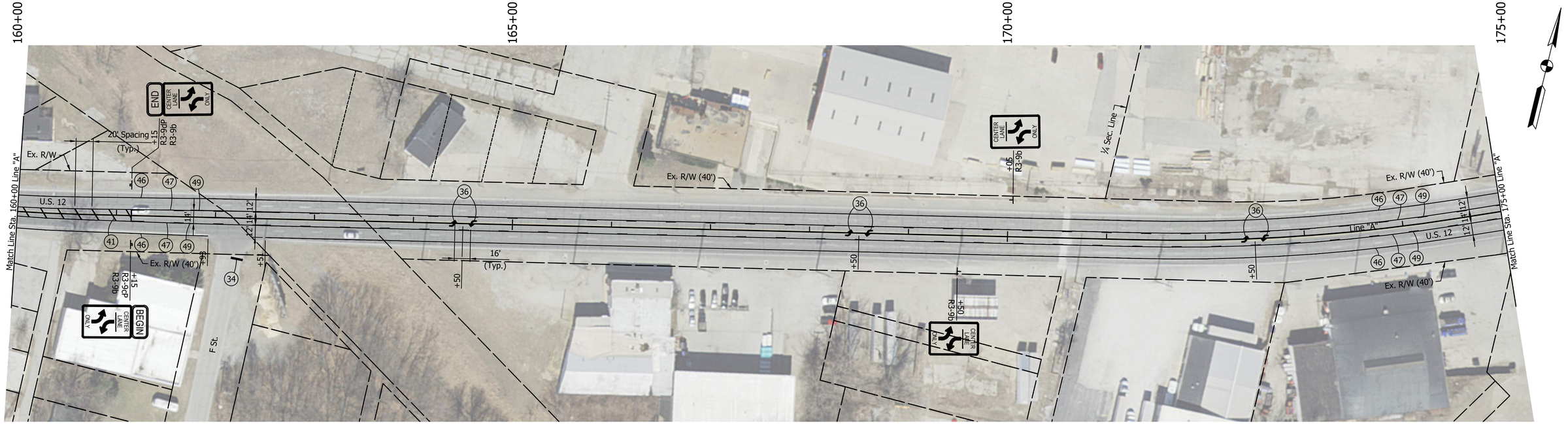
CHECKED: DGD | CHECKED: DJT

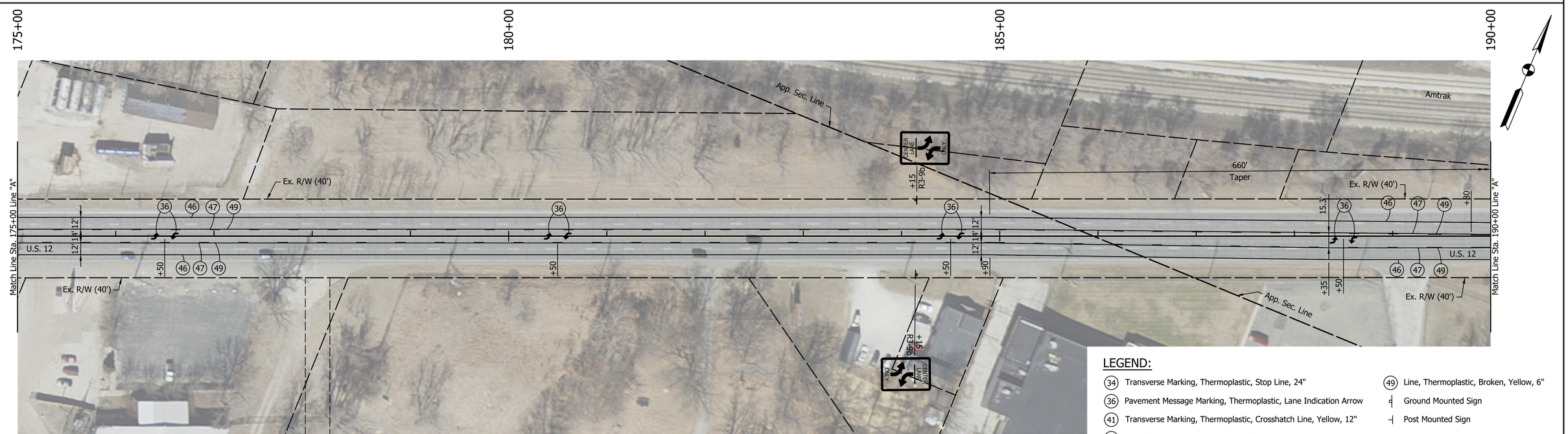
INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE
STA. 130+00 TO STA. 160+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	88 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:16 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722PM_PL01.dwg (PL07)





LEGEND:

- (34) Transverse Marking, Thermoplastic, Stop Line, 24"
- (36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
- (41) Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 12"
- (46) Line, Thermoplastic, Solid, White, 6"
- (47) Line, Thermoplastic, Solid, Yellow, 6"
- (49) Line, Thermoplastic, Broken, Yellow, 6"
- Ground Mounted Sign
- Post Mounted Sign

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

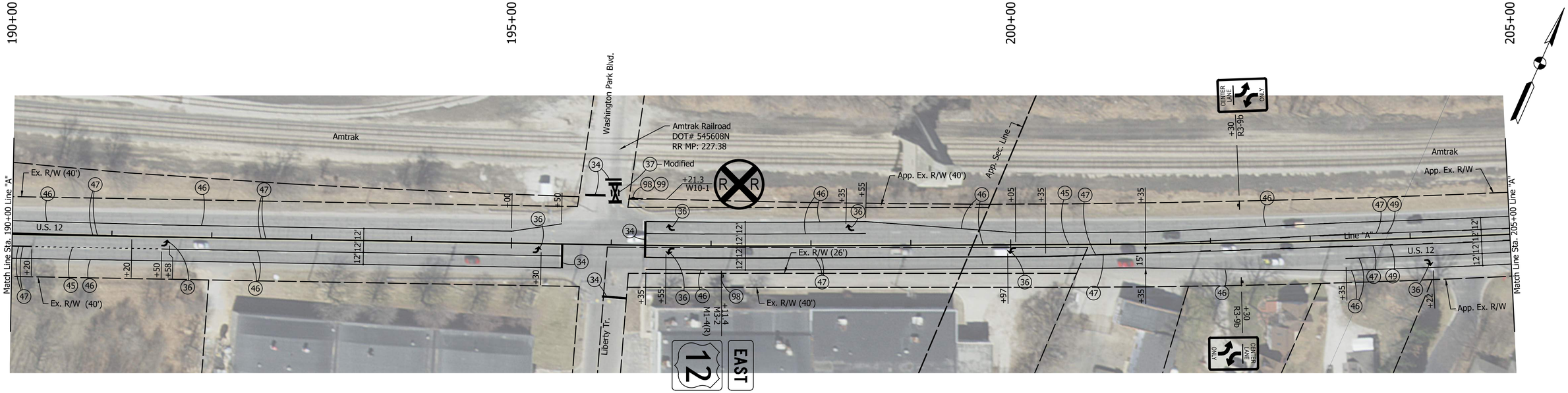
CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

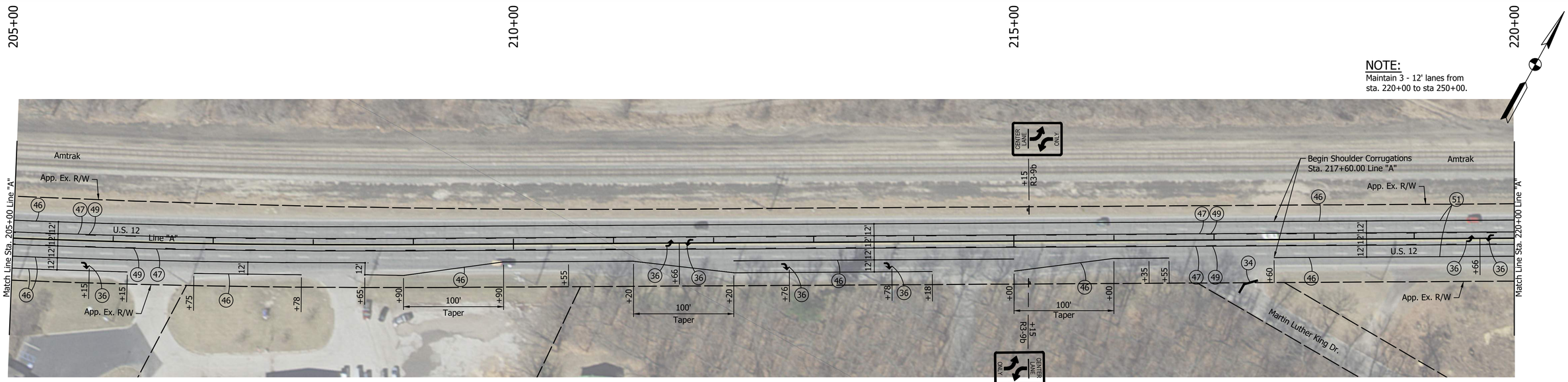
PAVEMENT MARKING AND SIGNAGE
STA. 160+00 TO STA. 190+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	89 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:21 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722PM_PL01.dwg (PL08)



NOTE:
Existing W10-2 signs shall remain in place and not be disturbed.



NOTE:
Maintain 3 - 12' lanes from
sta. 220+00 to sta 250+00.

LEGEND:

- (34) Transverse Marking, Thermoplastic, Stop Line, 24"
- (36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
- (37) Pavement Message Marking, Thermoplastic, RR
- (45) Line, Thermoplastic, Dotted, White, 6"
- (46) Line, Thermoplastic, Solid, White, 6"
- (47) Line, Thermoplastic, Solid, Yellow, 6"
- (49) Line, Thermoplastic, Broken, Yellow, 6"
- (51) Milled HMA Corrugations, Conventional (Shoulder)
- (98) Sign, Replace
- (99) Sign, Remove
- Ground Mounted Sign

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT | DRAWN: GDH

CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

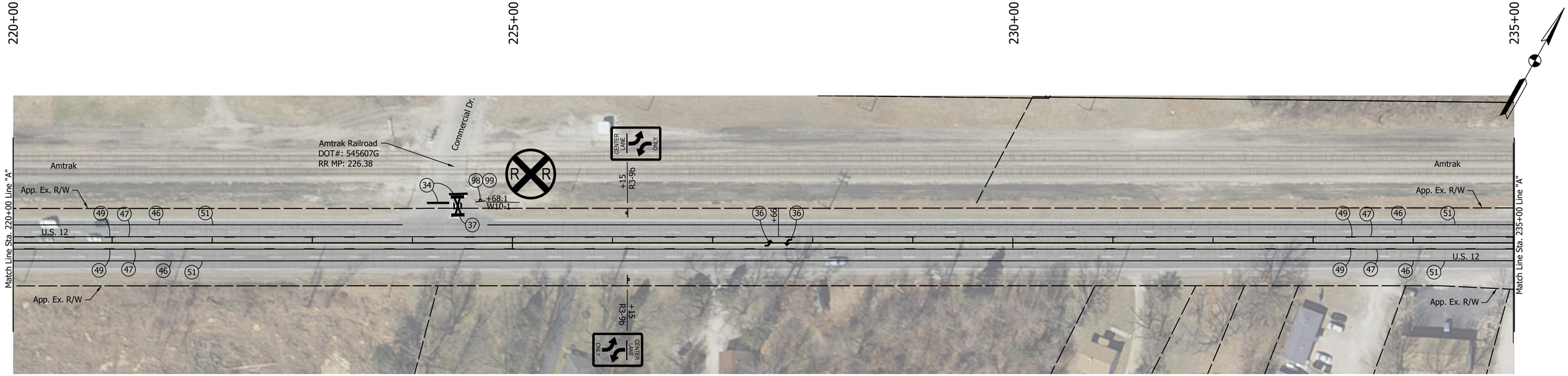
PAVEMENT MARKING AND SIGNAGE
STA. 190+00 TO STA. 220+00

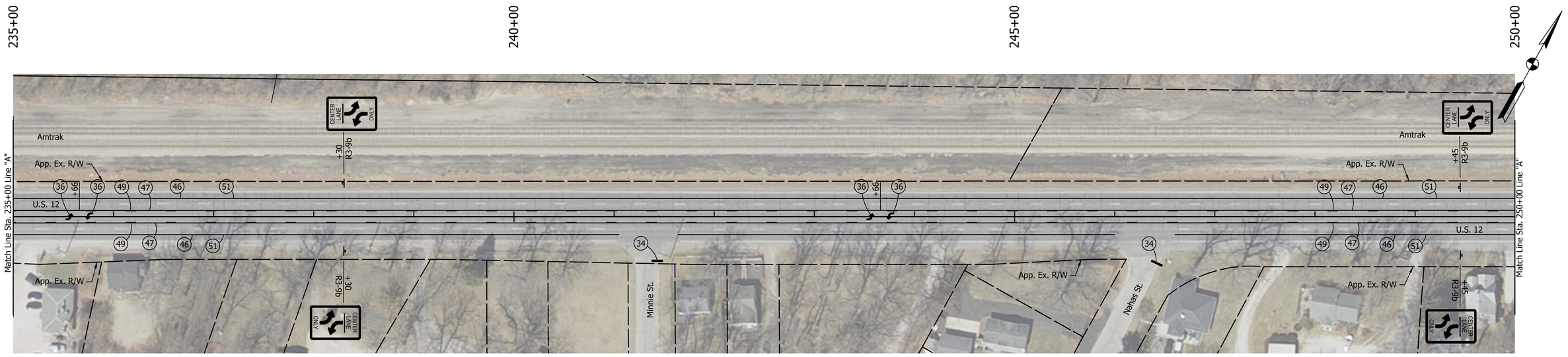
SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607

SHEETS: 90 of 142

CONTRACT: R-43027

GDH – 11/13/2025 8:13 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722PM_PL01.dwg (PL09)





NOTE:
Existing W10-2 signs shall remain in place and not be disturbed.

LEGEND:

- (34) Transverse Marking, Thermoplastic, Stop Line, 24"
- (36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
- (37) Pavement Message Marking, Thermoplastic, RR
- (46) Line, Thermoplastic, Solid, White, 6"
- (47) Line, Thermoplastic, Solid, Yellow, 6"
- (49) Line, Thermoplastic, Broken, Yellow, 6"
- (51) Milled HMA Corrugations, Conventional (Shoulder)
- (98) Sign, Replace
- (99) Sign, Remove
- Ground Mounted Sign

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

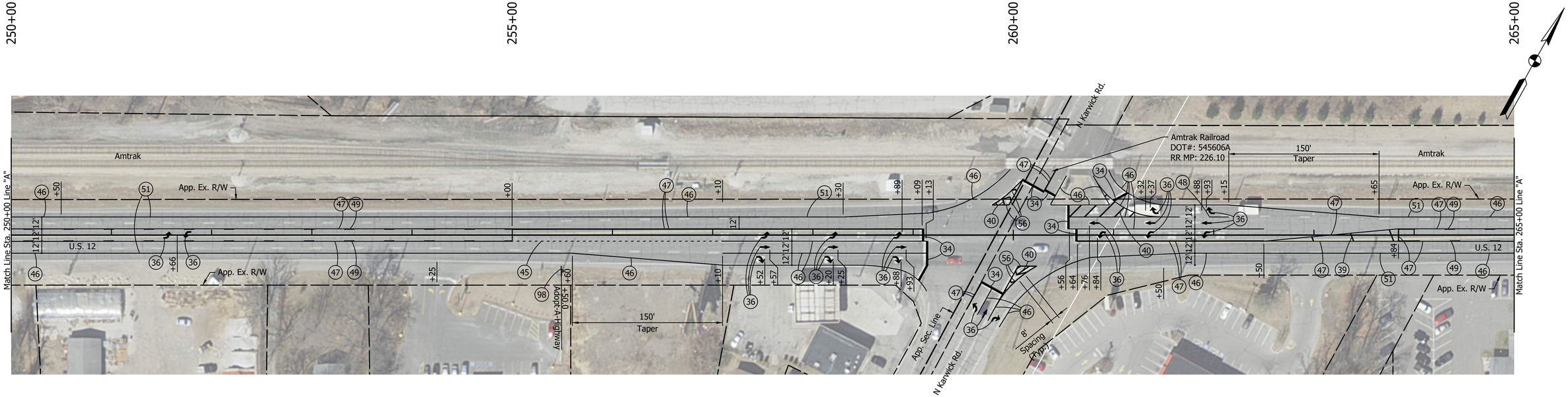
DESIGNED: DJT DRAWN: GDH
CHECKED: DGD CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE
STA. 220+00 TO STA. 250+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	91 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:22 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722PM_PL01.dwg (PL10)



NOTE:
Existing W10-2 signs shall remain in place and not be disturbed.

LEGEND:

(34) Transverse Marking, Thermoplastic, Stop Line, 24"
(36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
(39) Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 24"
(40) Transverse Marking, Thermoplastic, Crosshatch Line, White, 12"
(45) Line, Thermoplastic, Dotted, White, 6"
(46) Line, Thermoplastic, Solid, White, 6"
(47) Line, Thermoplastic, Solid, Yellow, 6"
(48) Line, Thermoplastic, Broken, White, 6"
(49) Line, Thermoplastic, Broken, Yellow, 6"
(51) Milled HMA Corrugations, Conventional (Shoulder)
(56) Line, Thermoplastic, Solid, White, 10"
(98) Sign, Replace
Ground Mounted Sign

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

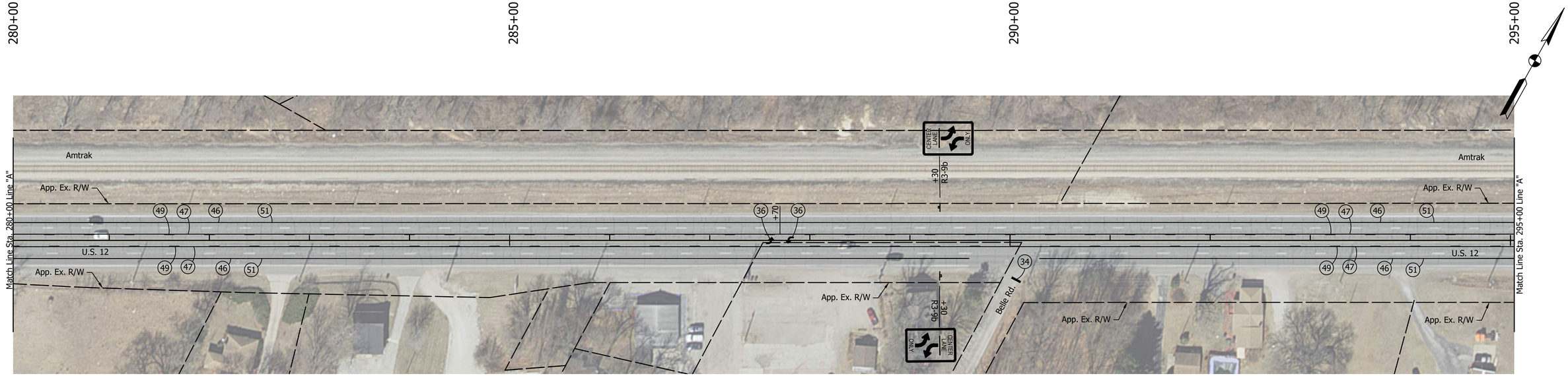
DESIGNED: TMC | DRAWN: PJV
CHECKED: DGD | CHECKED: TMC

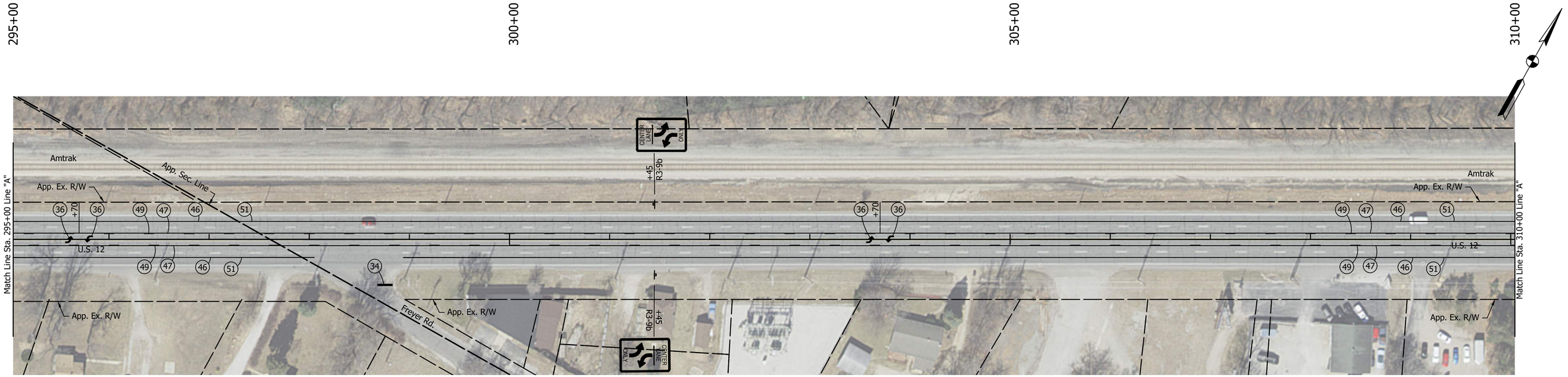
INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE
STA. 250+00 TO STA. 280+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	92 of 142
	CONTRACT
	R-43027

GDH – 11/13/2025 8:22 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722PM_PL01.dwg (PL11)





LEGEND:

- (34) Transverse Marking, Thermoplastic, Stop Line, 24"
- (36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
- (46) Line, Thermoplastic, Solid, White, 6"
- (47) Line, Thermoplastic, Solid, Yellow, 6"
- (49) Line, Thermoplastic, Broken, Yellow, 6"
- (51) Milled HMA Corrugations, Conventional (Shoulder)
- Ground Mounted Sign

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: TMC | DRAWN: PJV

CHECKED: DGD | CHECKED: TMC

INDIANA
DEPARTMENT OF TRANSPORTATION

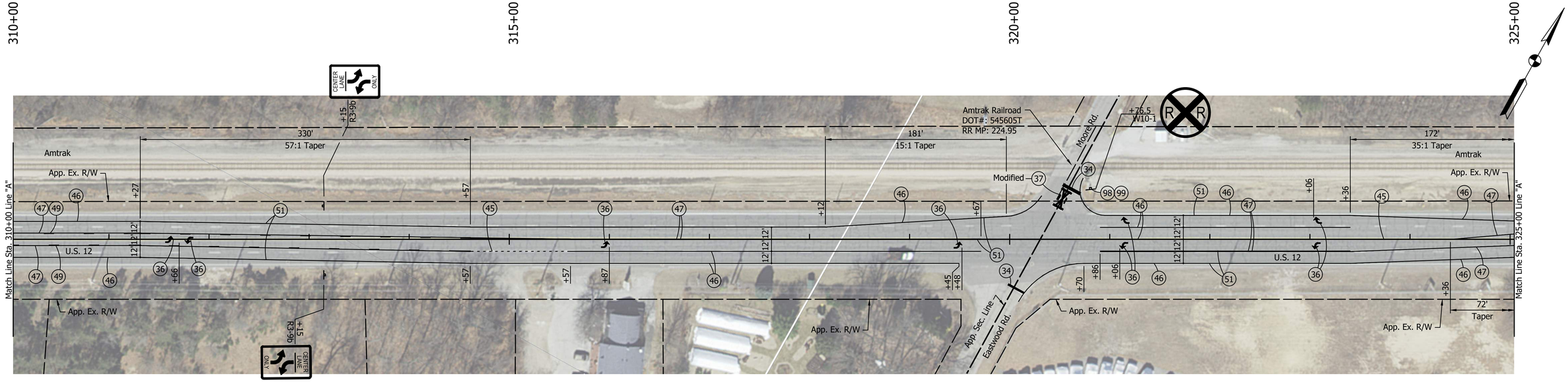
PAVEMENT MARKING AND SIGNAGE
STA. 280+00 TO STA. 310+00

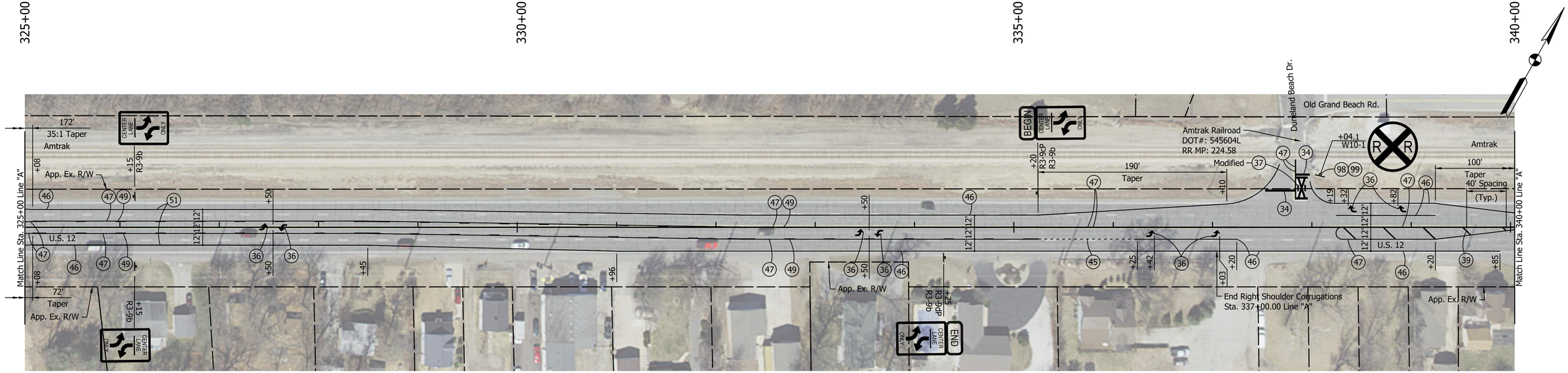
SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607

SHEETS: 93 of 142

CONTRACT: R-43027

PJV – 11/13/2025 8:20 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722PM_PL02.dwg (PL12)





NOTES:

1. Current aerial imagery does not reflect the existing condition at Eastwood Rd. / Moore Rd. of single thru lanes with dedicated left turn lanes.
2. Existing W10-2 signs shall remain in place and not be disturbed.

NOTE:

Existing W10-2 signs shall remain in place and not be disturbed.

LEGEND:

- (34) Transverse Marking, Thermoplastic, Stop Line, 24"
- (36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
- (37) Pavement Message Marking, Thermoplastic, RR
- (39) Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 24"
- (45) Line, Thermoplastic, Dotted, White, 6"
- (46) Line, Thermoplastic, Solid, White, 6"
- (47) Line, Thermoplastic, Solid, Yellow, 6"
- (49) Line, Thermoplastic, Broken, Yellow, 6"
- (51) Milled HMA Corrugations, Conventional (Shoulder)
- (98) Sign, Replace
- (99) Sign, Remove
- ▫ Ground Mounted Sign

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: DJT | DRAWN: GDH

CHECKED: DGD | CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE
STA. 310+00 TO STA. 340+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	94 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:15 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722PM_PL02.dwg (PL13)

340+00 345+00 350+00 355+00

Old Grand Beach Rd.

Amtrak App. Ex. R/W 100' Taper

Match Line Sta. 340+00 Line "A"

U.S. 12

Protect Sign

Frazie Rd.

Davis St.

App. Ex. R/W

JCT S.R. 212

Top Flight Rd.

RIGHT LANE MUST TURN RIGHT

R2-7R 30" x 30"

W1-6R

+14.3

+20 +25 +00 +55 +69 +96 +85.1 D2-2 +86.2 "No Open Beverages"

164' 283' 40' 34' 25' 66' 18' 219' 100' 24'

12' 12'

Indiana 212

ONE WAY R6-2R +09.8

ONLY R3-5R 30" x 36" +40

ONLY R3-5L 30" x 36" +25

40' Spacing (Typ.)

20' Spacing (Typ.)

Amtrak App. Ex. R/W

Match Line Sta. 355+00 Line "A"

+17 +42

Const. Limits

LEGEND:

- (33) Pavement Message Marking, Thermoplastic, Only
- (34) Transverse Marking, Thermoplastic, Stop Line, 24"
- (36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
- (40) Transverse Marking, Thermoplastic, Crosshatch Line, White, 12"
- (42) Transverse Marking, Thermoplastic, Crosshatch Line, White, 24"
- (45) Line, Thermoplastic, Dotted, White, 6"
- (46) Line, Thermoplastic, Solid, White, 6"
- (47) Line, Thermoplastic, Solid, Yellow, 6"
- (48) Line, Thermoplastic, Broken, White, 6"
- (51) Milled HMA Corrugations, Conventional (Shoulder)
- (55) Line, Thermoplastic, Dotted, White, 10"
- (56) Line, Thermoplastic, Solid, White, 10"
- (98) Sign, Replace
- (99) Sign, Remove
- Ground Mounted Sign
- Post Mounted Sign

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT DRAWN: GDH

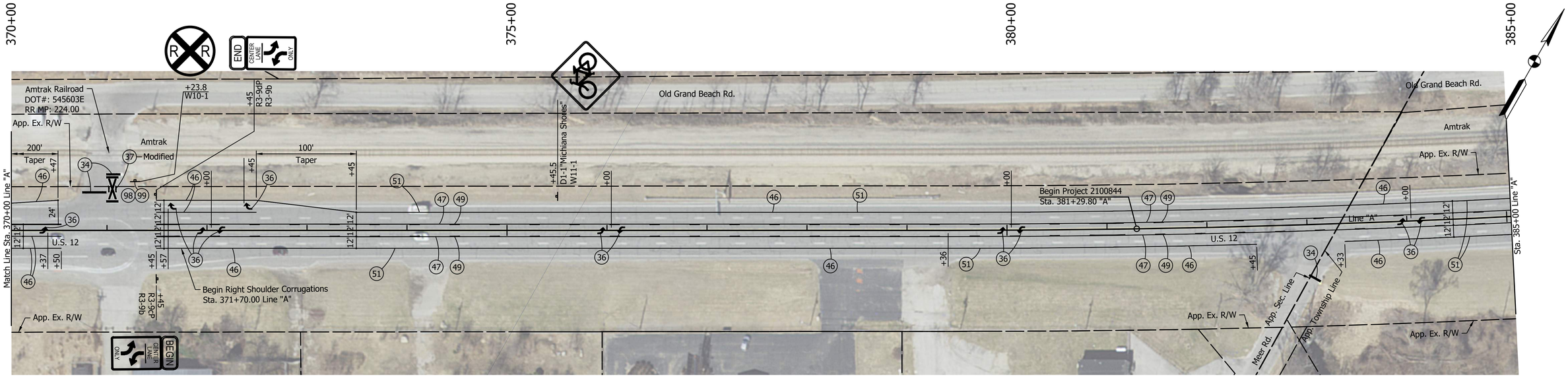
CHECKED: DGD CHECKED: DJT

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE
STA. 340+00 TO STA. 355+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	95 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:19 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\20172 2PM_PL02.dwg (PL14)



NOTE:
Existing W10-2 signs shall remain in place and not be disturbed.

LEGEND:

(34) Transverse Marking, Thermoplastic, Stop Line, 24"	(45) Line, Thermoplastic, Dotted, White, 6"	(49) Line, Thermoplastic, Broken, Yellow, 6"	⊓ Ground Mounted Sign
(36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow	(46) Line, Thermoplastic, Solid, White, 6"	(51) Milled HMA Corrugations, Conventional (Shoulder)	
(37) Pavement Message Marking, Thermoplastic, RR	(47) Line, Thermoplastic, Solid, Yellow, 6"	(98) Sign, Replace	
(40) Transverse Marking, Thermoplastic, Crosshatch Line, White, 12"	(48) Line, Thermoplastic, Broken, White, 6"	(99) Sign, Remove	

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

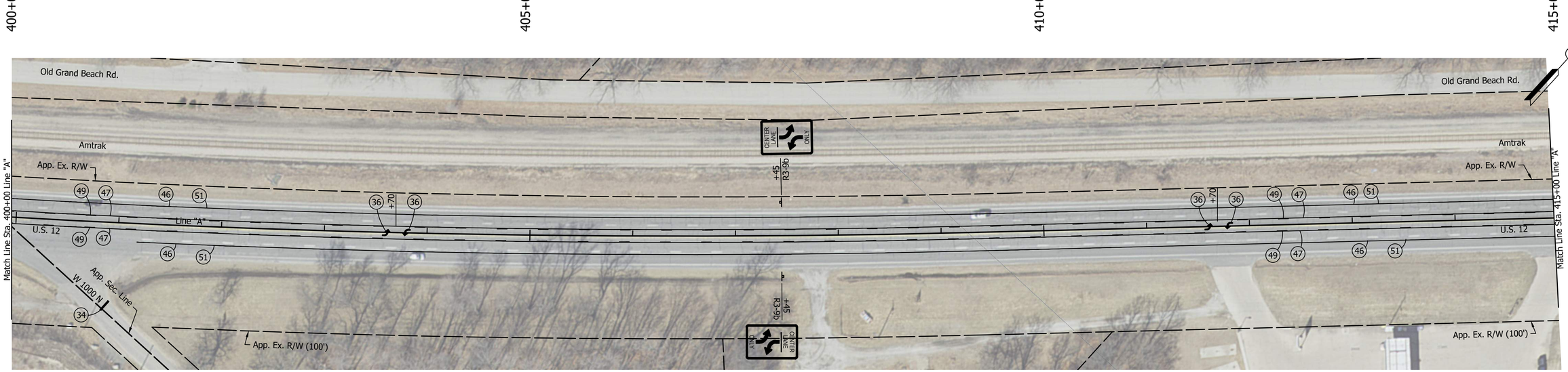
DESIGNED: DJT DRAWN: GDH
CHECKED: DGD CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE
STA. 355+00 TO STA. 385+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	96 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:21 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722PM_PL02.dwg (PL15)



LEGEND:

- (34) Transverse Marking, Thermoplastic, Stop Line, 24"
- (36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
- (46) Line, Thermoplastic, Solid, White, 6"
- (47) Line, Thermoplastic, Solid, Yellow, 6"
- (49) Line, Thermoplastic, Broken, Yellow, 6"
- (51) Milled HMA Corrugations, Conventional (Shoulder)
- Ground Mounted Sign

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: TMC | DRAWN: PJV

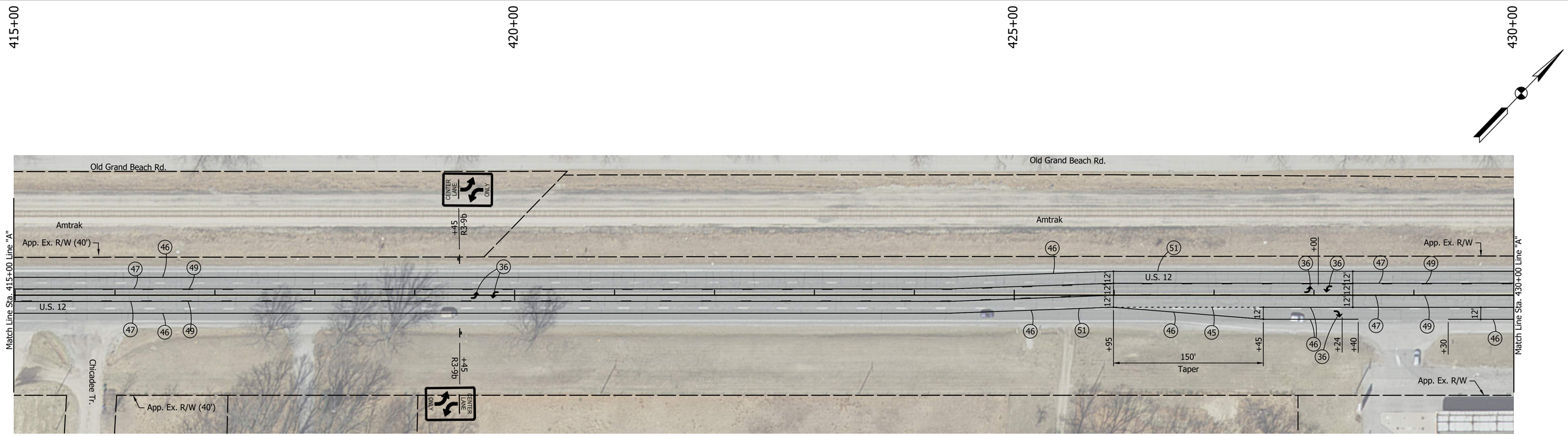
CHECKED: DGD | CHECKED: TMC

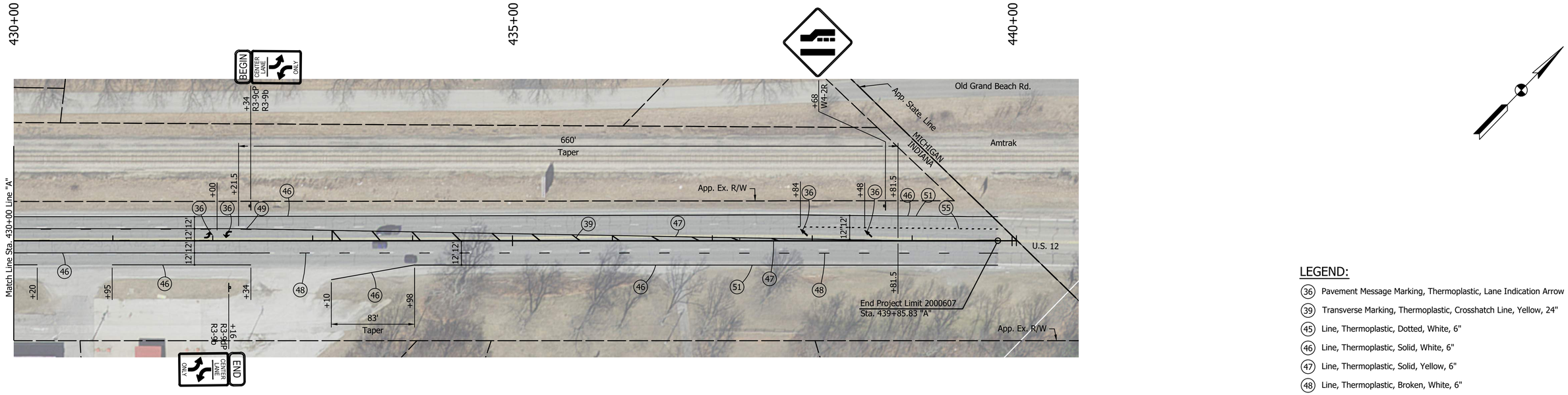
INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE
STA. 385+00 TO STA. 415+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	97 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:16 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722PM_PL02.dwg (PL16)





LEGEND:

- (36) Pavement Message Marking, Thermoplastic, Lane Indication Arrow
- (39) Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 24"
- (45) Line, Thermoplastic, Dotted, White, 6"
- (46) Line, Thermoplastic, Solid, White, 6"
- (47) Line, Thermoplastic, Solid, Yellow, 6"
- (48) Line, Thermoplastic, Broken, White, 6"
- (49) Line, Thermoplastic, Broken, Yellow, 6"
- (51) Milled HMA Corrugations, Conventional (Shoulder)
- (55) Line, Thermoplastic, Dotted, White, 10"
- Ground Mounted Sign

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: DJT
DRAWN: GDH
CHECKED: DGD
CHECKED: DJT

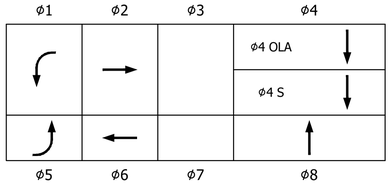
INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE
STA. 415+00 TO STA. 440+00

SCALE	BRIDGE FILE
1" = 50'	
	DESIGNATION
	2000607
	SHEETS
	98 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:14 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722PM_PL02.dwg (PL17)

PHASE DIAGRAM

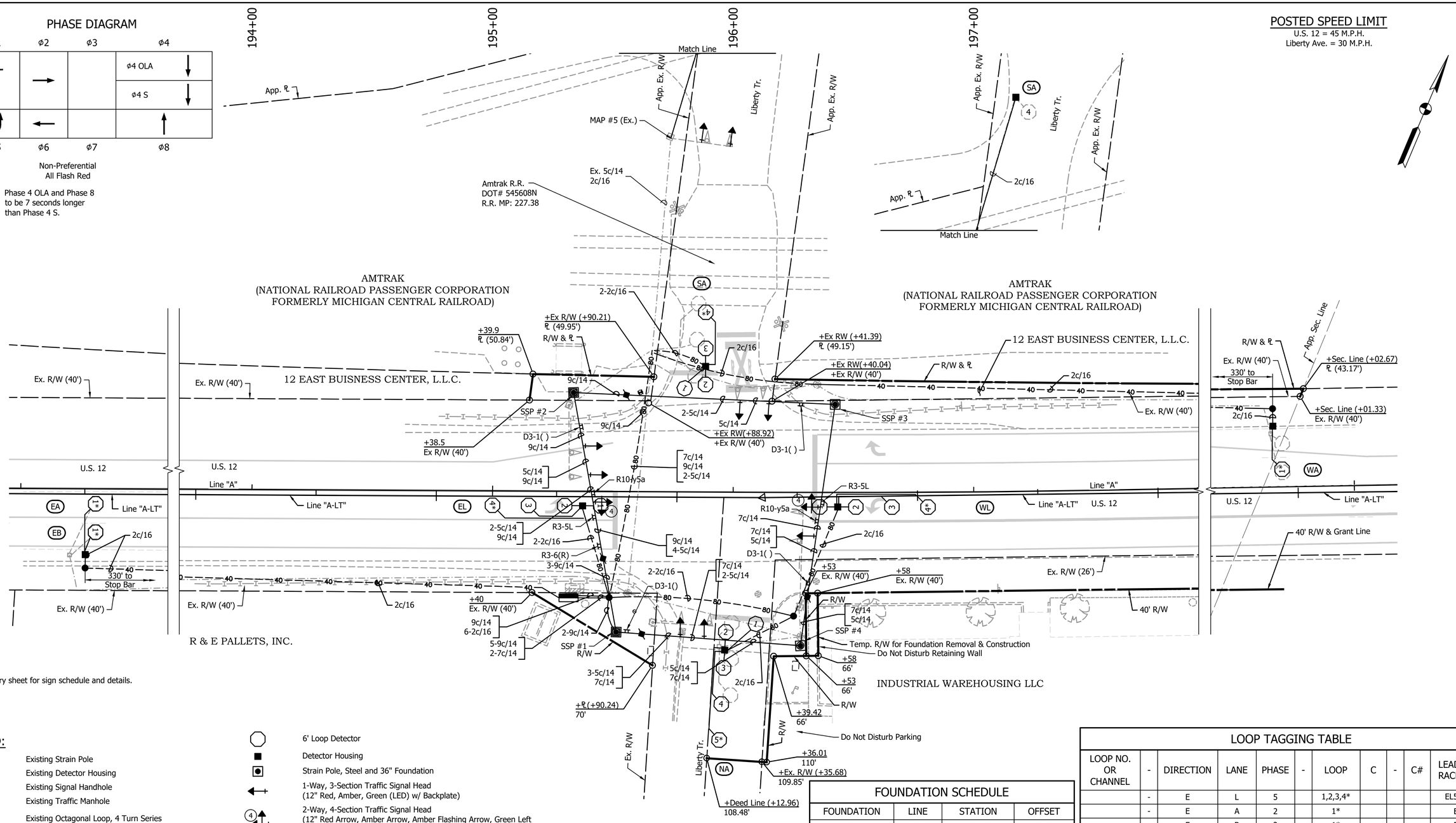


Non-Preferential
All Flash Red

Phase 4 OLA and Phase 8
to be 7 seconds longer
than Phase 4 S.

POSTED SPEED LIMIT

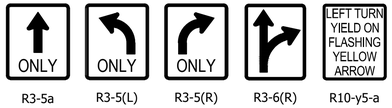
U.S. 12 = 45 M.P.H.
Liberty Ave. = 30 M.P.H.



NOTE:
See Sign Summary sheet for sign schedule and details.

LEGEND:

- Existing Strain Pole
- Existing Detector Housing
- Existing Signal Handhole
- Existing Traffic Manhole
- Existing Octagonal Loop, 4 Turn Series
- Existing Traffic Signal Head, 3 Section
- Existing Controller Cabinet and Foundation
- Existing Conduit
- Conduit, HDPE, 2", Sched. 40
- Conduit, HDPE, 2", Sched. 80
- Disconnect Hanger
- 6' Loop Detector
- Detector Housing
- Strain Pole, Steel and 36" Foundation
- 1-Way, 3-Section Traffic Signal Head (12" Red, Amber, Green (LED) w/ Backplate)
- 2-Way, 4-Section Traffic Signal Head (12" Red Arrow, Amber Arrow, Amber Flashing Arrow, Green Left Arrow (LED) w/ Backplate)
- 8 Phase Menu Driven, Controller and Cabinet on Ex. P-1 Foundation
- Signal Handhole, Type II
- Ground Mounted Sheet Sign
- Span Mounted Sheet Sign
- Blank Out Prohibition Preemption Sign
- Proposed Controller Cabinet and Foundation



R3-5a R3-5(L) R3-5(R) R3-6(R) R10-y5-a

FOUNDATION SCHEDULE

FOUNDATION	LINE	STATION	OFFSET
SSP #1	"A"	195+52	58' Rt
SSP #2	"A"	196+33	41' Lt
SSP #3	"A"	196+42	37' Lt
SSP #4	"A"	196+28	64' Rt
MAP #5	"A"	195+73	148' Lt
P1 Controller	"A"	195+32	44' Rt

LOOP TAGGING TABLE

LOOP NO. OR CHANNEL	-	DIRECTION	LANE	PHASE	-	LOOP	C	-	C#	LEAD-IN AND RACK LABELS
	-	E	L	5		1,2,3,4*				EL5 -1,2,3,4
	-	E	A	2		1*				EA 2 -1
	-	E	B	2		1*				EB 2 -1
	-	S	A	4		1,2,3				SA 4 - 1,2,3
	-	S	A	4		4*				SA 4 - 4
		W	L	1		1,2,3,4*				WL 1 -1,2,3,4
		W	A	6		1*				WA 6 -1
		N	A	8		1,2,3,4,5				NA 8 -1,2,3

* Counting Capable Loop

DJT – 11/13/2025 8:24 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722SG_PL01.dwg (SIG PLAN 01)

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: DJT DRAWN: GDH
CHECKED: DGD CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

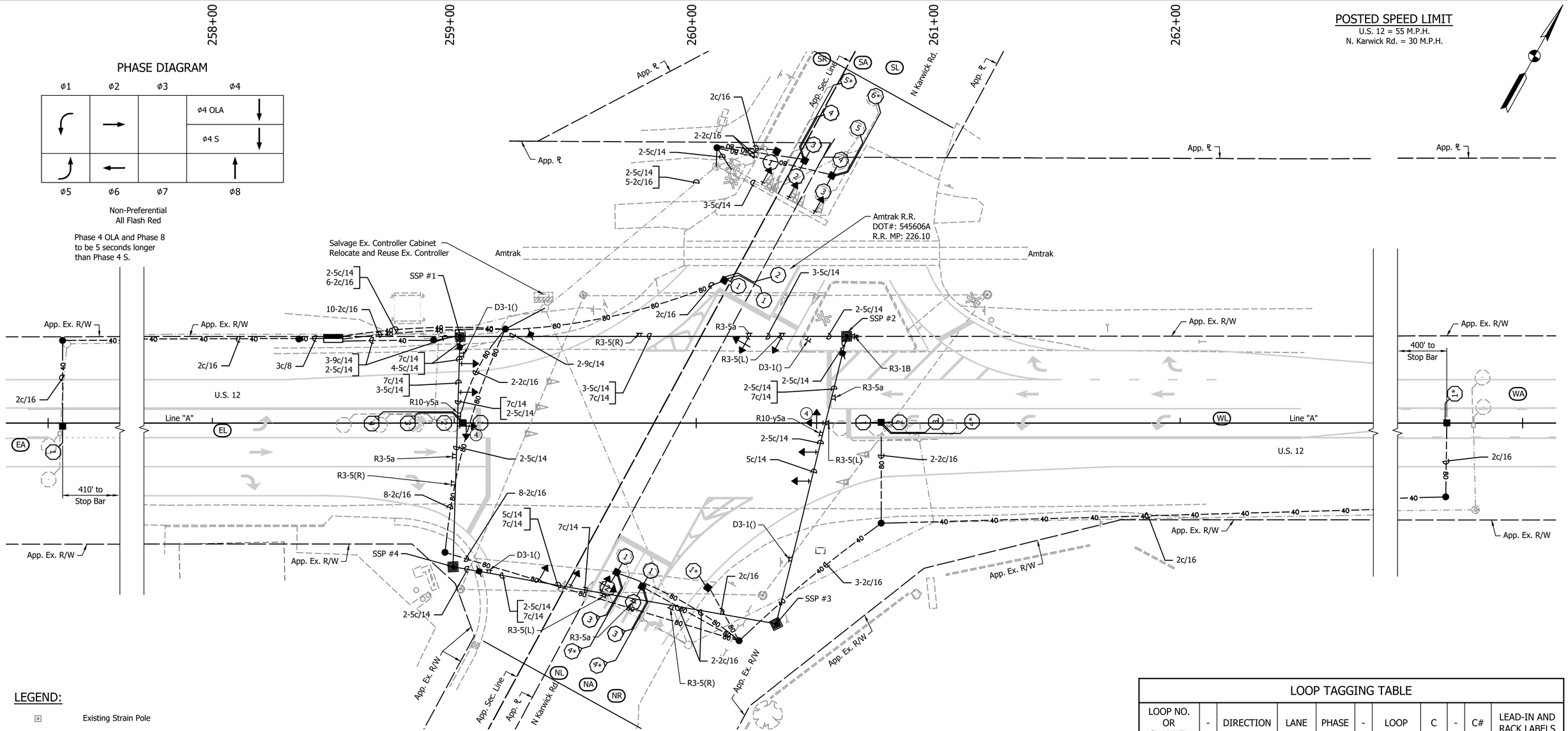
TRAFFIC SIGNAL MODERNIZATION
AT U.S. 12 AND LIBERTY TRAIL
LA PORTE CO. LAPORTE DIST.

COMM. NO. 01-046-065

SCALE	BRIDGE FILE
1" = 20'	
	DESIGNATION
	2500075
	SHEETS
	99 of 142
	CONTRACT
	R-43027

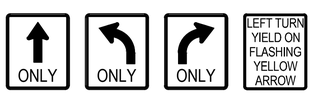
Non-Preferential
All Flash Red

Phase 4 OLA and Phase 8
to be 5 seconds longer
than Phase 4 S.



LEGEND:

- Existing Strain Pole
- Existing Detector Housing
- Existing Signal Handhole
- Existing Traffic Manhole
- Existing Octagonal Loop, 4 Turn Series
- Existing Traffic Signal Head, 3 Section
- Existing Controller Cabinet and Foundation
- Existing Conduit
- Conduit, HDPE, 2", Sched. 40
- Conduit, HDPE, 2", Sched. 80
- Disconnect Hanger
- 6' Loop Detector
- Detector Housing
- Strain Pole, Steel and 36" Foundation
- 1-Way, 3-Section Traffic Signal Head (12" Red, Amber, Green (LED) w/ Backplate)
- 2-Way, 4-Section Traffic Signal Head (12" Red Arrow, Amber Arrow, Amber Flashing Arrow, Green Left Arrow (LED) w/ Backplate)
- Ex. Controller and Pr. Cabinet on P-1 Foundation
- Signal Handhole, Type II
- Ground Mounted Sheet Sign
- Span Mounted Sheet Sign
- Blank Out Prohibition Preemption Sign
- Proposed Controller Cabinet and Foundation



R3-5a R3-5(L) R3-5(R) R10-y5-a

NOTE:
See Sign Summary sheet for sign schedule and details.

FOUNDATION SCHEDULE

FOUNDATION	LINE	STATION	OFFSET
SSP #1	"A"	259+02	36' Lt
SSP #2	"A"	260+62	36' Lt
SSP #3	"A"	260+35	78' Rt
SSP #4	"A"	258+99	60' Rt
P1 Controller	"A"	258+50	35' Lt

LOOP TAGGING TABLE

LOOP NO. OR CHANNEL	-	DIRECTION	LANE	PHASE	-	LOOP	C	-	C#	LEAD-IN AND RACK LABELS
	-	E	L	5		1,2,3,4				-EL5-1,2,3,4
	-	E	A	2		1				-EA2-1
	-	S	L	4		1,2				-SL4-1,2
	-	S	L	4		3,4,5,6				-SL4-3,4,5,6
	-	S	A	4		1				-SA4-1
	-	S	A	4		2,3,4,5				-SA4-2,3,4,5
	-	S	R	4		1				-SR4-1
	-	W	L	1		1,2,3,4				-WL1-1,2,3,4
	-	W	A	6		1				-WA6-1
	-	N	L	8		1,2,3				-NL8-1,2,3
	-	N	A	8		1,2,3				-NL8-1,2,3

* Counting Capable Loop

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: DJT DRAWN: GDH
CHECKED: DGD CHECKED: DJT

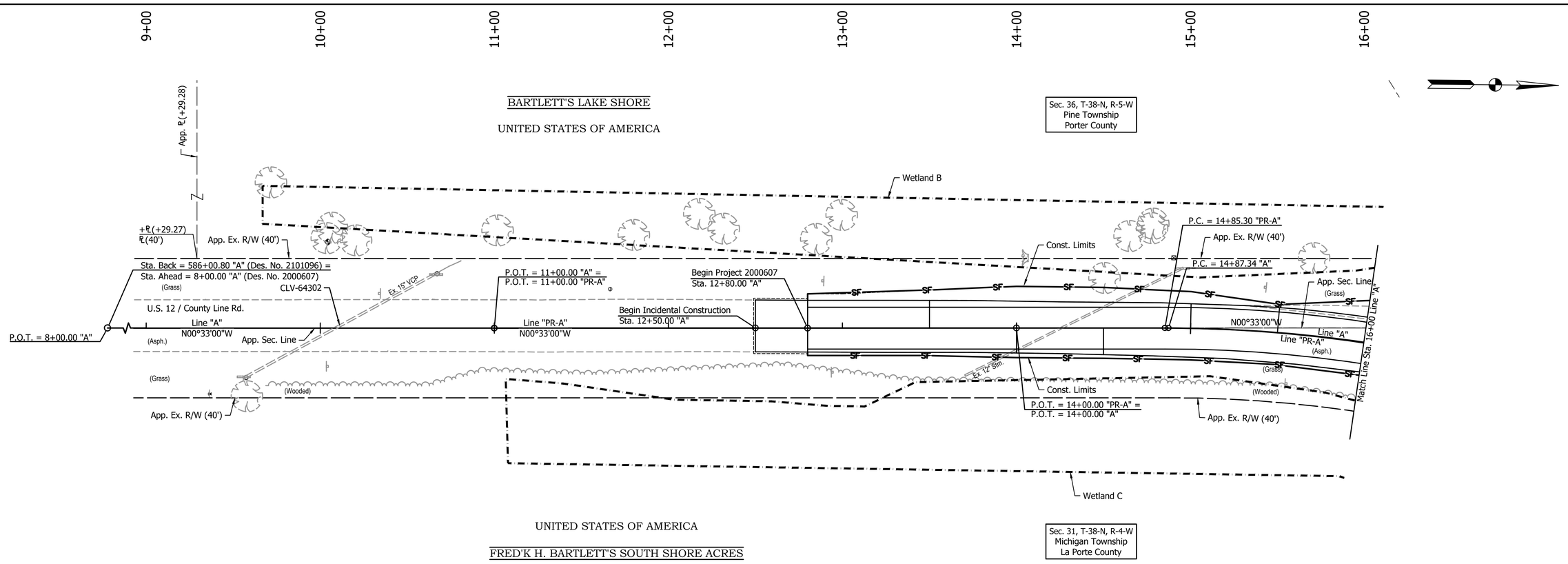
INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION
AT U.S. 12 AND KARWICK ROAD
LA PORTE CO. LAPORTE DIST.

COMM. NO. 01-046-065

SCALE	BRIDGE FILE
1" = 20'	
	DESIGNATION
	2500075
	SHEETS
	100 of 142
	CONTRACT
	R-43027

DJT – 11/13/2025 8:18 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722SG_PL02.dwg (SIG PLAN 02)



All R/W and topography described from Line "A".
Line "PR-A" to be constructed.

LEGEND:

SF Silt Fence

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: TMC | DRAWN: GDH

CHECKED: DGD | CHECKED: TMC

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN - LINES "A" & "PR-A"
STA. 9+00 TO STA. 16+00

HORIZONTAL SCALE	BRIDGE FILE
1" =30'	
VERTICAL SCALE	DESIGNATION
	2000607
	SHEETS: 101 of 142
	CONTRACT: R-43027

DJT – 11/13/2025 8:13 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800TR_PP01.dwg (EC PLAN – 9–16 – A)

16+00 17+00 18+00 19+00 20+00 21+00 22+00 23+00

P.O.T. = 46+00.00 "S-1-A"

Line "S-1-A" N57°55'44"E

E Beverly Dr.

App. Ex. R/W (50' "S-1-A")

(Asph.)

(Wooded)

Begin Incidental Construction
Sta. 48+28.00 "PR-S-1-A"

P.O.T. = 48+28.00 "PR-S-1-A"

P.C. = 48+78.00 "PR-S-1-A"

CURVE DATA
P.I. = 49+85.11 "PR-S-1-A"
Delta = 60°08'20"
R = 185.00 ft
T = 107.11 ft
L = 194.18 ft
E = 28.77 ft
S.E. = NC

Const. Limits

P.I. = 49+85.11 "PR-S-1-A"

Ex. Joint

P.I. = 19+25.53 "A"

CURVE DATA
P.I. = 19+25.53 "A"
Delta = 58°28'44"
R = 782.78 ft
T = 438.19 ft
L = 798.94 ft
E = 114.30 ft
S.E. = 8.3%

CURVE DATA
P.I. = 21+57.58 "PR-A"
Delta = 81°52'48"
R = 775.00 ft
T = 672.27 ft
L = 1107.53 ft
E = 250.95 ft
S.E. = 8.0%

App. ℄

App. ℄

App. Sec. Line

UNITED STATES OF AMERICA

P.I. = 21+57.58 "PR-A"

BARTLETT'S LAKE SHORE

UNITED STATES OF AMERICA

+℄(+22.41 "S-1-A")
℄(50')

Sec. 36, T-38-N, R-5-W
Pine Township
Porter County

Const. Limits

App. ℄(+52.98)

App. ℄(+27.99)

N00°33'00"W

(Grass)

P.T. = 50+72.18 "PR-S-1-A"
P.O.T. = 18+75.30 "A" =
P.O.T. = 50+87.03 "PR-S-1-A"

E Beverly Dr.

Ex. Joint

P.T./P.C. = 22+86.28 "A" =
P.O.T. = 54+38.19 "S-1-A"

Const. Limits

N81°19'48"E

App. Ex. R/W (50' "S-1-A")

+℄(+81.53)
℄(65.98')

+℄(+64.64)
℄(61.57')

Wetland B

Wetland A

Ex. 12" VCP

County Line Rd.

Line "S-1-A" N57°55'44"E

(Wooded)

+℄(+86.28)
℄(50')

Line "A"

App. Ex. R/W

Ex. 4' x 2.5' RCB

(Grass)

App. Sec. Line

U.S. 12 / W Michigan St.

(Asph.)

Line "A"

Line "PR-A"

Match Line Sta. 16+00 Line "A"

Begin Project 2101096
Sta. 18+05.00 "PR-A"

Const. Limits

P.O.T. = 50+88.98 "PR-S-1-A" =
P.O.T. = 18+74.89 "PR-A"

End Construction
Sta. 50+88.98 "PR-S-1-A"

End Project 2101096
Sta. 18+55.00 "PR-A"

+℄(+57.69)
℄(40')

(Wooded)

App. Ex. R/W (50' "S-1-A")

Match Line Sta. 23+00 Line "A"

App. Ex. R/W (40')

(Wooded)

+29 Str. No. 9
Des. No. 2101096
See Structure Layout Sheet 59

Wetland C

Sec. 31, T-38-N, R-4-W
Michigan Township
La Porte County

Const. Limits

All R/W and topography described from Line "A", unless noted otherwise.
Line "PR-A" to be constructed.

LEGEND:

SF Silt Fence

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: TMC DRAWN: GDH

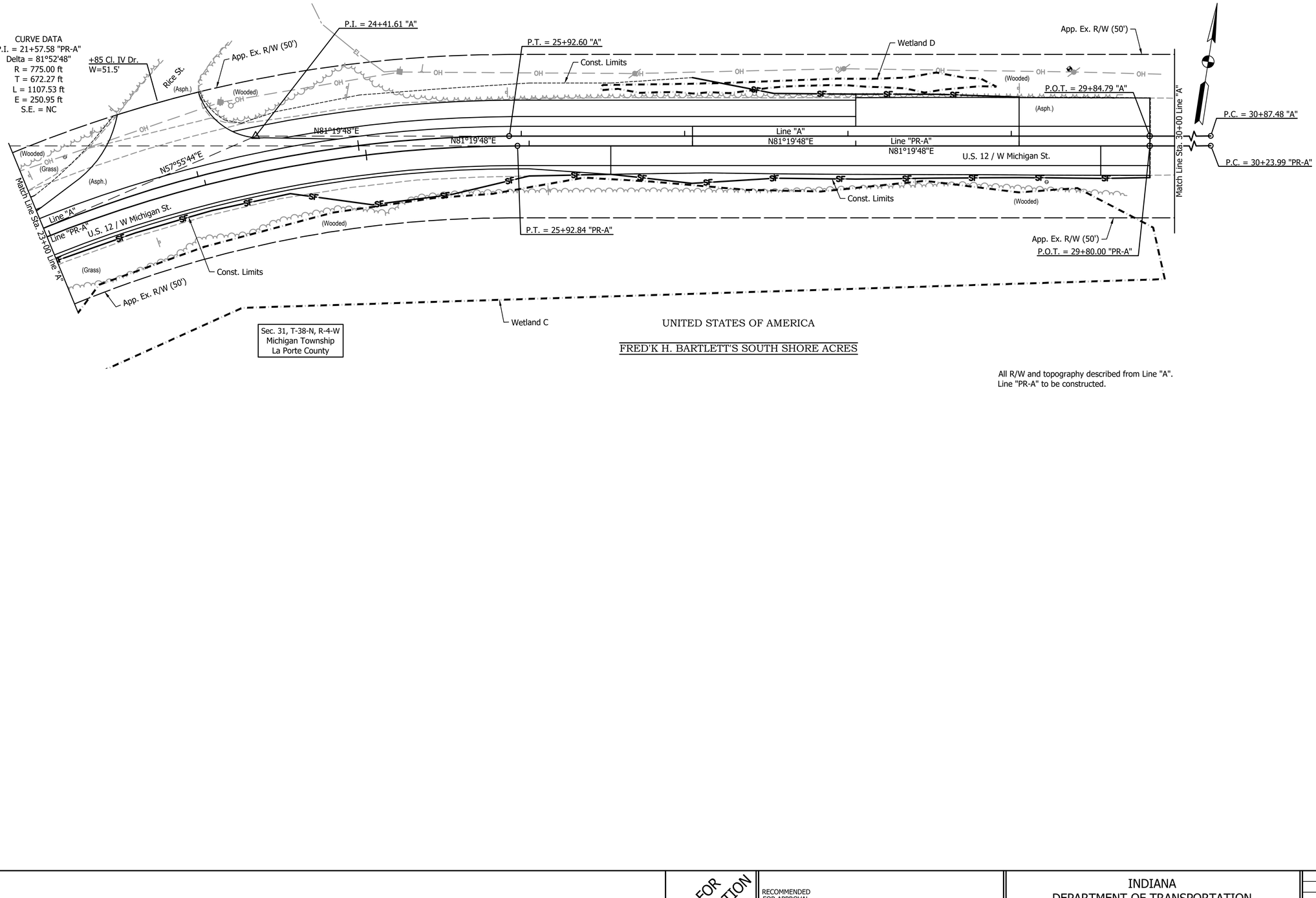
CHECKED: DGD CHECKED: TMC

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN - LINE "PR-A"
STA. 16+00 TO STA. 23+00

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
	2000607
	SHEETS
	102 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:17 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800TR_PL02.dwg (EC PLAN – 16–23 – A)



All R/W and topography described from Line "A".
Line "PR-A" to be constructed.

LEGEND:

SF Silt Fence

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: TMC | DRAWN: GDH

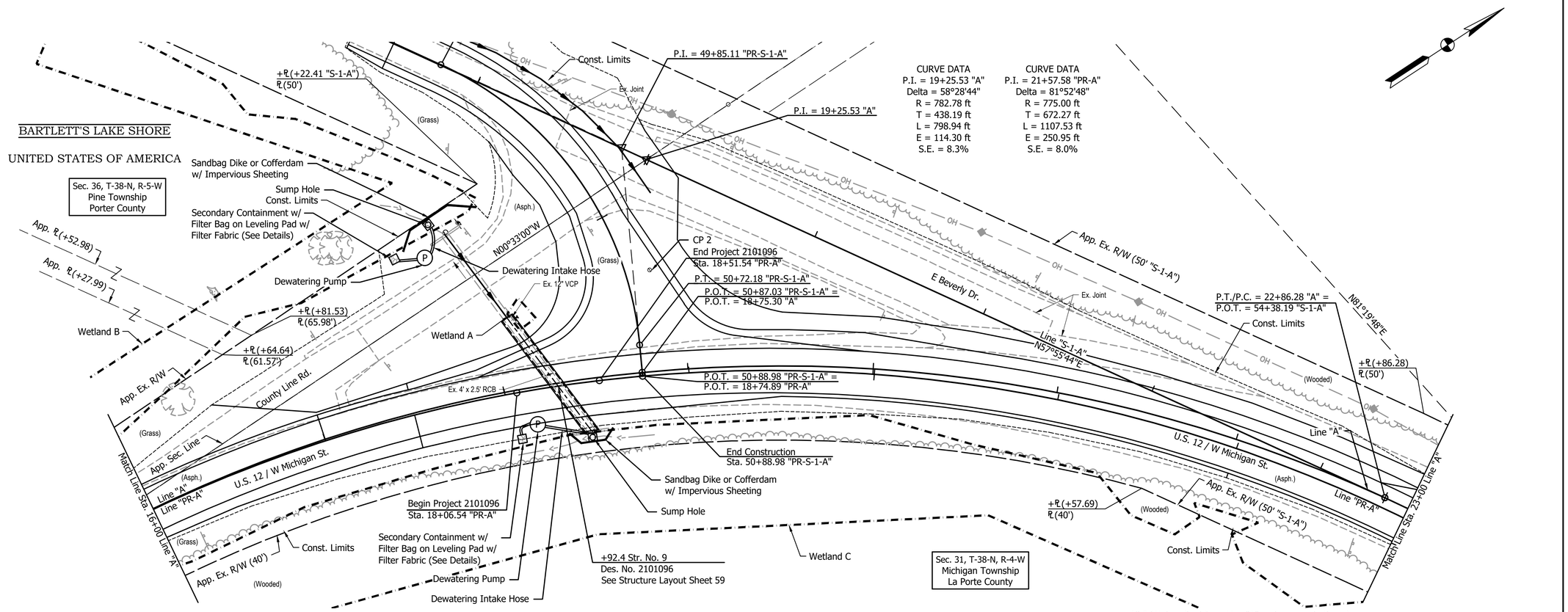
CHECKED: DGD | CHECKED: TMC

INDIANA
DEPARTMENT OF TRANSPORTATION

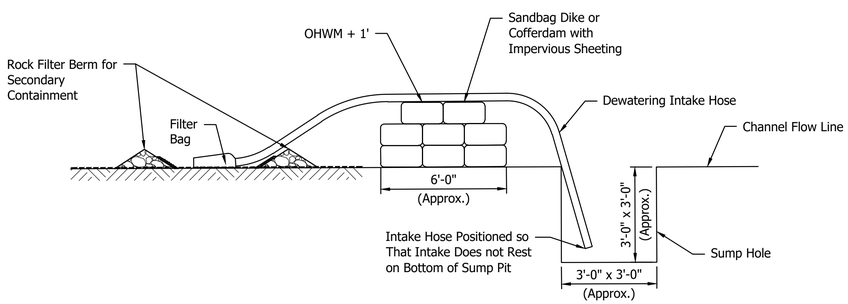
EROSION CONTROL PLAN - LINES "PR-A" & "A"
STA. 23+00 TO STA. 30+00

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
	2000607
	SHEETS
	103 of 142
	CONTRACT
	R-43027

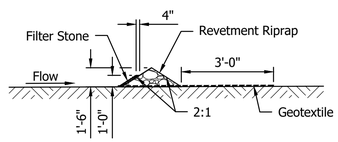
GDH – 11/13/2025 8:20 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800TR_PP03.dwg (EC PLAN – 23–30 – A)



All R/W described from Line "A", unless noted otherwise.
Line "PR-A" to be constructed.



DEWATERING & COFFERDAM / SUMP HOLE DETAIL
Not to Scale



ROCK FILTER BERM DETAIL
Not to Scale

TEMPORARY WETLAND B IMPACTS	
Area (Cofferdams and Sump Hole)	285 sft
Length (Cofferdams and Sump Hole)	9 ft
Volume (Cofferdams and Sump Hole)	6.11 cys

TEMPORARY WETLAND C IMPACTS	
Area (Cofferdams and Sump Hole)	221 sft
Length (Cofferdams and Sump Hole)	9 ft
Volume (Cofferdams and Sump Hole)	4.93 cys

NOTE:
Temporary dewatering materials to be removed upon completion.

EROSION CONTROL	
No. 2 Stone	100 Tons

NOTES:

1. An adequate pump around system for this project will be the responsibility of the Contractor. This detail provides a typical pump around system.
2. Duration of use: 30 days.
3. Secondary Containment zones shall be placed outside of the wetlands on dry land.

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: DJT DRAWN: PJV

CHECKED: DGD CHECKED: DJT

INDIANA
DEPARTMENT OF TRANSPORTATION

PUMP AROUND PLAN

SCALE	BRIDGE FILE
1" = 30'	
	DESIGNATION
	2000607
	SHEETS
	104 of 142
	CONTRACT
	R-43027

FTP – 11/13/2025 8:13 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800HY_PL01.dwg (PUMP AROUND PLAN)

PAVEMENT MARKINGS SUMMARY TABLE

FROM STATION	TO STATION	MILLED HMA CORRUGATIONS, SINUSOIDAL	LINE, THERMO-PLASTIC	GROOVING FOR PAVEMENT MARKINGS	LINE, THERMOPLASTIC			TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSHATCH LINE				SNOWPLOWABLE RAISED PAVEMENT MARKER, REMOVE	SNOWPLOWABLE RAISED PAVEMENT MARKER	LINE, THERMOPLASTIC		PAVEMENT MESSAGE MARKING, THERMOPLASTIC	
			DOTTED WHITE 6 In.		SOLID WHITE 10 In.	SOLID WHITE 6 In.	SOLID YELLOW 6 In.	WHITE 12 In.	WHITE 24 In.	YELLOW 12 In.	YELLOW 24 In.			BROKEN WHITE 6 In.	BROKEN YELLOW 6 In.	PED X-ING	RR
		LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	EACH	EACH	LFT	LFT	EACH	EACH
Line "PR-S-1-A"																	
48+28	50+66					476											
48+28	50+83						510										
Line "PR-A"																	
12+50	17+84.24	535															
12+50	32+99.54	2050															
12+80	32+99.54						4040					26	26				
20+01	32+99.54	1299															
12+80	18+30					1100											
18+30	20+00					170											
20+00	24+39					878											
Line "A"																	
33+03.92	33+99											2	2				
33+03.92	37+90					1945	973	815									
33+03.92	50+03	1700															
33+03.92	51+03	1800															
32+75																	1
33+00	39+00										95						
36+19.5																1	
38+00	41+00					600	600										
38+35	41+00														530		
39+53.5																1	
41+20	51+03					1966	1966								1966		
48+28	50+89											4	4				
49+47																	1
51+03	68+60					1757											
52+35	54+47					212	424								424		
55+43	58+73					330	660								660		
SUBTOTAL 1:		7384				9434	9173	815			95	32	32		3580	2	2

PJV – 11/13/2025 8:21 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TB_PM.dwg (PVMT MRKG TABLE 01)

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: TMC | DRAWN: PJV

CHECKED: DGD | CHECKED: TMC

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SUMMARY TABLE

SCALE	BRIDGE FILE
	DESIGNATION
	2000607
	SHEETS
	105 of 142
	CONTRACT
	R-43027

PAVEMENT MARKINGS SUMMARY TABLE

FROM STATION	TO STATION	MILLED HMA CORRUGATIONS, SINUSOIDAL	LINE, THERMO-PLASTIC	GROOVING FOR PAVEMENT MARKINGS	LINE, THERMOPLASTIC			TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSHATCH LINE				SNOWPLOWABLE RAISED PAVEMENT MARKER, REMOVE	SNOWPLOWABLE RAISED PAVEMENT MARKER	LINE, THERMOPLASTIC		PAVEMENT MESSAGE MARKING, THERMOPLASTIC	
			DOTTED WHITE 6 In.		SOLID WHITE 10 In.	SOLID WHITE 6 In.	SOLID YELLOW 6 In.	WHITE 12 In.	WHITE 24 In.	YELLOW 12 In.	YELLOW 24 In.			BROKEN WHITE 6 In.	BROKEN YELLOW 6 In.	PED X-ING	RR
		LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	EACH	EACH	LFT	LFT	EACH	EACH
59+57	60+65						216								216		
59+57	66+60					703											
61+35	64+09					274	548								548		
64+70	68+60					390	780								780		
69+16	72+04					576	576								576		
72+72	76+29						714								714		
72+74	76+29					355											
72+74	76+58					384											
77+06	80+72					544	732								732		
77+06	82+50					366											
81+11	82+50						278								278		
81+11	87+33					622											
83+00	87+33						866								866		
83+00	104+60					2160											
87+83	92+24					442	854								854		
93+09	103+12														2006		
93+09	104+37					1128	2256										
99+78																	1
104+62	110+30					568											
104+85	105+80									114							
104+85	110+30					545											
104+94	108+30						672										
105+30	108+30														600		
108+30	110+30						200										
108+35	109+20		96														
109+30	110+30					204		38									
109+30.50																	1
SUBTOTAL 2:			96			9261	8692	38		114					8170		2

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: TMC DRAWN: PJV

CHECKED: DGD CHECKED: TMC

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SUMMARY TABLE

SCALE	BRIDGE FILE
	DESIGNATION
	2000607
	SHEETS
	106 of 142
	CONTRACT
	R-43027

PJV – 11/13/2025 8:14 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\20172 2TB_PM.dwg (PVMT MRKG TABLE 02)

PAVEMENT MARKINGS SUMMARY TABLE

FROM STATION	TO STATION	MILLED HMA CORRUGATIONS, SINUSOIDAL	LINE, THERMO-PLASTIC	GROOVING FOR PAVEMENT MARKINGS	LINE, THERMOPLASTIC			TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSHATCH LINE				SNOWPLOWABLE RAISED PAVEMENT MARKER, REMOVE	SNOWPLOWABLE RAISED PAVEMENT MARKER	LINE, THERMOPLASTIC		PAVEMENT MESSAGE MARKING, THERMOPLASTIC	
			DOTTED WHITE 6 In.		SOLID WHITE 10 In.	SOLID WHITE 6 In.	SOLID YELLOW 6 In.	WHITE 12 In.	WHITE 24 In.	YELLOW 12 In.	YELLOW 24 In.			BROKEN WHITE 6 In.	BROKEN YELLOW 6 In.	PED X-ING	RR
		LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	EACH	EACH	LFT	LFT	EACH	EACH
111+33	112+25					92											
111+33	114+78						690							690			
112+29	113+51		122														
112+91	113+93		103														
113+95	114+78					83											
114+22	114+78					56											
115+79	116+95					116											
115+79	119+35						712										
115+79	123+25													1492			
116+99	117+96		97														
118+09	118+96		87														
119+99	123+25						652										
121+09	121+91		82														
121+95	123+25					130											
124+17	124+82					65											
124+17	125+52					135											
124+17	125+87													170			
124+17	127+26						618							618			
124+86	125+71		85														
124+96	126+01		105														
125+52	127+26													174			
125+87	127+26					139											
126+13	127+26					113											
128+64	130+17					153											
128+64	132+05													341			
128+64	134+30						1132							566			
130+21	131+50		130														
	SUBTOTAL 3:		811			1082	3804							4051			

PJV – 11/13/2025 8:20 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TB_PM.dwg (PVMT MRKG TABLE 03)

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: TMC | DRAWN: PJV

CHECKED: DGD | CHECKED: TMC

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SUMMARY TABLE

SCALE

BRIDGE FILE

DESIGNATION
2000607

SHEETS
107 of 142

CONTRACT
R-43027

PAVEMENT MARKINGS SUMMARY TABLE

FROM STATION	TO STATION	MILLED HMA CORRUGATIONS, SINUSOIDAL	LINE, THERMO-PLASTIC	GROOVING FOR PAVEMENT MARKINGS	LINE, THERMOPLASTIC			TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSHATCH LINE				SNOWPLOWABLE RAISED PAVEMENT MARKER, REMOVE	SNOWPLOWABLE RAISED PAVEMENT MARKER	LINE, THERMOPLASTIC		PAVEMENT MESSAGE MARKING, THERMOPLASTIC	
			DOTTED WHITE 6 In.		SOLID WHITE 10 In.	SOLID WHITE 6 In.	SOLID YELLOW 6 In.	WHITE 12 In.	WHITE 24 In.	YELLOW 12 In.	YELLOW 24 In.			BROKEN WHITE 6 In.	BROKEN YELLOW 6 In.	PED X-ING	RR
		LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	EACH	EACH	LFT	LFT	EACH	EACH
132+05	134+30					225											
140+68	146+90						1244							622			
140+68	152+18					1150											
144+09	145+31		122														
145+35	146+90					155											
147+77	152+28						902							451			
152+82	153+24					94											
153+08	153+15							34									
153+28	158+67						1078										
153+24	154+30					106											
154+34	155+26		92														
155+86	158+67					281											
157+20	195+50					3830											
159+06	161+15									138							
159+06	161+93					287											
159+06	190+20						6228										
161+15	190+20														5810		
162+51	195+50					3299											
190+20	195+50						1060					7	7				
190+24	191+46		122														
191+50	195+50					400								400			
196+00																	1
196+35	201+35						1000					7	7	500			
196+35	206+15					980											
196+35	223+90					2755											
200+09	201+31		122														
201+35	255+00						10730								10730		
SUBTOTAL 4:			458			13562	22242	34		138		14	14	1973	16540		1

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: TMC DRAWN: PJV

CHECKED: DGD CHECKED: TMC

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SUMMARY TABLE

SCALE

BRIDGE FILE

DESIGNATION
2000607

SHEETS
108 of 142

CONTRACT
R-43027

PJV – 11/13/2025 8:17 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TB_PM.dwg (PVMT MRKG TABLE 04)

PAVEMENT MARKINGS SUMMARY TABLE

FROM STATION	TO STATION	MILLED HMA CORRUGATIONS, SINUSOIDAL	LINE, THERMO-PLASTIC	GROOVING FOR PAVEMENT MARKINGS	LINE, THERMOPLASTIC			TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSHATCH LINE				SNOWPLOWABLE RAISED PAVEMENT MARKER, REMOVE	SNOWPLOWABLE RAISED PAVEMENT MARKER	LINE, THERMOPLASTIC		PAVEMENT MESSAGE MARKING, THERMOPLASTIC	
			DOTTED WHITE 6 In.		SOLID WHITE 10 In.	SOLID WHITE 6 In.	SOLID YELLOW 6 In.	WHITE 12 In.	WHITE 24 In.	YELLOW 12 In.	YELLOW 24 In.			BROKEN WHITE 6 In.	BROKEN YELLOW 6 In.	PED X-ING	RR
		LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	EACH	EACH	LFT	LFT	EACH	EACH
203+35	208+65					530											
206+75	207+78					103											
208+65	214+18					553											
212+20	215+00					280											
215+00	216+55					155											
217+60	241+05					2345											
217+60	255+60	3800															
217+60	259+00	4140															
224+44.60																	1
224+75	259+13					3438											
241+65	246+00					435											
246+60	259+13					1253											
255+00	257+10		210														
255+00	259+09						818					6	6				
257+10	259+13					203											
259+00	261+00				208												
259+09	260+64						107										
259+13	261+32					553											
259+80	261+32							152									
260+56	262+15													159			
260+56	262+50					194											
260+64	262+49											3	3				
260+64	262+50													186			
260+64	274+46					1382											
260+64	314+57						10786										
260+64	319+67					5903											
261+50	274+47	1297															
SUBTOTAL 5:		9237	210		208	17327	11711	152				9	9	345			1

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: TMC DRAWN: PJV

CHECKED: DGD CHECKED: TMC

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SUMMARY TABLE

SCALE

BRIDGE FILE

DESIGNATION 2000607

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CONTRACT R-43027

PJV – 11/13/2025 8:21 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\20172 2TB_PM.dwg (PVMT MRKG TABLE 05)

PAVEMENT MARKINGS SUMMARY TABLE

FROM STATION	TO STATION	MILLED HMA CORRUGATIONS, SINUSOIDAL	LINE, THERMO-PLASTIC	GROOVING FOR PAVEMENT MARKINGS	LINE, THERMOPLASTIC			TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSHATCH LINE				SNOWPLOWABLE RAISED PAVEMENT MARKER, REMOVE	SNOWPLOWABLE RAISED PAVEMENT MARKER	LINE, THERMOPLASTIC		PAVEMENT MESSAGE MARKING, THERMOPLASTIC	
			DOTTED WHITE 6 In.		SOLID WHITE 10 In.	SOLID WHITE 6 In.	SOLID YELLOW 6 In.	WHITE 12 In.	WHITE 24 In.	YELLOW 12 In.	YELLOW 24 In.			BROKEN WHITE 6 In.	BROKEN YELLOW 6 In.	PED X-ING	RR
		LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	EACH	EACH	LFT	LFT	EACH	EACH
261+96	262+15													19			
262+50	263+84									25							
263+65	318+12	5447															
263+84	314+57														10146		
275+13	289+55	1442				1442											
290+25	297+97					772											
290+25	298+01	776															
298+90	314+65	1575															
298+90	319+45					2055											
314+57	315+57		100														
314+57	319+67						1020					7	7				
315+57	319+67					410											
319+67	320+86					207											
320+47.70																	1
320+70	337+20	1650															
320+86	323+36					500	500					4	4				
320+86	337+10					1624											
320+86	339+85					1899											
320+91	335+20	1429															
323+36	324+36		100				100										
324+36	335+20						2168										
325+08	335+20														2024		
335+20	336+20		100														
335+20	337+20						400					3	3				
336+20	337+20					100											
337+10	338+19					107											
337+20	338+19						80										
SUBTOTAL 6:		12319	300			9116	4268			25		14	14	19	12170		1

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: TMC DRAWN: PJV

CHECKED: DGD CHECKED: TMC

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SUMMARY TABLE

SCALE	BRIDGE FILE
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PJV – 11/13/2025 8:19 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\20172272TB_PM.dwg (PVMT MRKG TABLE 06)

PAVEMENT MARKINGS SUMMARY TABLE

FROM STATION	TO STATION	MILLED HMA CORRUGATIONS, SINUSOIDAL	LINE, THERMO-PLASTIC	GROOVING FOR PAVEMENT MARKINGS	LINE, THERMOPLASTIC			TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSHATCH LINE				SNOWPLOWABLE RAISED PAVEMENT MARKER, REMOVE	SNOWPLOWABLE RAISED PAVEMENT MARKER	LINE, THERMOPLASTIC		PAVEMENT MESSAGE MARKING, THERMOPLASTIC	
			DOTTED WHITE 6 In.		SOLID WHITE 10 In.	SOLID WHITE 6 In.	SOLID YELLOW 6 In.	WHITE 12 In.	WHITE 24 In.	YELLOW 12 In.	YELLOW 24 In.			BROKEN WHITE 6 In.	BROKEN YELLOW 6 In.	PED X-ING	RR
		LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	EACH	EACH	LFT	LFT	EACH	EACH
337+84.80																	1
338+19	339+20					101											
338+19	340+20									71							
338+19	370+47					3228											
338+19	370+50						7246										
340+14	343+85													371			
340+20	359+70					9399											
340+20	368+47	2827															
340+67	343+31											4	4				
343+87	348+61											6	6				
346+88	348+50													340			
348+88	349+61													151			
349+25	259+63							1406									
349+93	354+42													500			
350+00	355+00								21								
354+46	357+46		300														
359+70	368+50													880			
360+59	370+50											13	13				
368+50	370+50					200											
371+00.30																	1
371+45	372+45					100											
371+45	382+45					1100											
371+45	432+34														12178		
371+45	440+00					6855	13710										
371+70	382+45	1075															
373+45	439+86	6641															
383+33	399+78	1645				1645											
SUBTOTAL 7:		12188	300			22628	20956	1406	21	71		23	23	2242	12178		2

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: TMC DRAWN: PJV

CHECKED: DGD CHECKED: TMC

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SUMMARY TABLE

SCALE

BRIDGE FILE

DESIGNATION 2000607

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CONTRACT R-43027

PJV – 11/13/2025 8:16 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\20172278_PM.dwg (PVMT MRKG TABLE 07)

PAVEMENT MARKINGS SUMMARY TABLE

FROM STATION	TO STATION	MILLED HMA CORRUGATIONS, SINUSOIDAL	LINE, THERMO-PLASTIC	GROOVING FOR PAVEMENT MARKINGS	LINE, THERMOPLASTIC			TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSHATCH LINE				SNOWPLOWABLE RAISED PAVEMENT MARKER, REMOVE	SNOWPLOWABLE RAISED PAVEMENT MARKER	LINE, THERMOPLASTIC		PAVEMENT MESSAGE MARKING, THERMOPLASTIC	
			DOTTED WHITE 6 In.		SOLID WHITE 10 In.	SOLID WHITE 6 In.	SOLID YELLOW 6 In.	WHITE 12 In.	WHITE 24 In.	YELLOW 12 In.	YELLOW 24 In.			BROKEN WHITE 6 In.	BROKEN YELLOW 6 In.	PED X-ING	RR
		LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	EACH	EACH	LFT	LFT	EACH	EACH
401+14	428+40					2726											
401+14	425+95	2481															
425+95	427+45		150														
427+45	432+53					508											
429+30	430+20					90											
430+95	432+34					139											
432+53	440+00													747			
433+10	437+84									211							
433+10	440+00					690											
433+98	439+86	588															
437+82	440+00													219			
	SUBTOTAL 8:	3069	150			4153				211				966			
	SUBTOTAL 1:	7384				9434	9173	815			95	32	32		3580	2	2
	SUBTOTAL 2:		96			9261	8692	38		114					8170		2
	SUBTOTAL 3:		811			1082	3804							4051			
	SUBTOTAL 4:		458			13562	22242	34		138		14	14	1973	16540		1
	SUBTOTAL 5:	9237	210		208	17327	11711	152				9	9	345			1
	SUBTOTAL 6:	12319	300			9116	4268			25		14	14	19	12170		1
	SUBTOTAL 7:	12188	300			22628	20956	1406	21	71		23	23	2242	12178		2
	SUBTOTAL 8:	3069	150			4153				211				966			
	TOTAL:	44197	2325		208	86563	80846	2445	21	559	95	92	92	9596	52638	2	9

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: TMC DRAWN: PJV

CHECKED: DGD CHECKED: TMC

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SUMMARY TABLE

SCALE

BRIDGE FILE

DESIGNATION 2000607

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PJV – 11/13/2025 8:17 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\20172TB_PM.dwg (PVMT MRKG TABLE 08)

PAVEMENT MARKINGS SUMMARY TABLE

LOCATION	TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSWALK LINE		TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE		PAVEMENT MESSAGE MARKING, THERMOPLASTIC		
	WHITE 6 In.	WHITE 24 In.	SOLID WHITE 24 In.		LANE INDICATION ARROW	BIKE SYMBOL	ONLY
	LFT	LFT	EACH	LFT	EACH	EACH	EACH
Line "A"							
West End to Southshore RR					2	8	
West End to Blue Chip							8
Beverly Rd.			1	98			
Singing Sands		140					
Southshore RR to Blue Chip					61		
Southshore RR			2	24			
Sheridan Ave.			1	14			
W 8th St.			1	19			
Logan	102		1	15			
Greeley	98		1	16			
Douglas	67		1	12			
Lincoln	62	42	2	26			
McClelland	72	54	2	24			
Sherman			1	10			
Custer	64		1	13			
W 6th St.	53		1	11			
Francisco St.			1	10			
Willard Ave.			1	17			
W 4th St.			1	15			
Amtrak RR			2	24			
Wabash		210	2	56			
Washington	442	150	4	143			
Franklin	95	90	1	12			
Pine	349	209	4	139			
Spring/Michigan	412	450	4	160			
2nd St.	249		1	40			
SUBTOTAL 1:	2065	1345	36	898	63	8	8

LOCATION	TRANSVERSE MARKINGS, THERMOPLASTIC, CROSSWALK LINE		TRANSVERSE MARKINGS, THERMOPLASTIC, STOP LINE		PAVEMENT MESSAGE MARKING, THERMOPLASTIC		
	WHITE 6 In.	WHITE 24 In.	SOLID WHITE 24 In.		LANE INDICATION ARROW	BIKE SYMBOL	ONLY
	LFT	LFT	EACH	LFT	EACH	EACH	EACH
Blue Chip Dr.	327		5	88			
Blue Chip to S.R. 212					90		2
Cook	59		1	12			
F			1	12			
Liberty			4	105			
Martin Luther King Dr.			1	24			
Commercial Dr.			2	41			
Minnie			1	11			
Nahas			1	12			
Karwick			8	173			
Twin			1	12			
Belle			1	10			
Freyer			1	15			
Moore			2	37			
Duneland Beach			2	44			
Davis			2	34			
Top Flight			1	10			
Frazie			4	65			
I-94 Emergency			2	48			
S.R. 212 to East End					19		2
Old Grand Beach			2	38			
Meer			1	13			
W 1000 N			1	12			
SUBTOTAL 2:	386		44	816	109		4
SUBTOTAL 1:	2065	1345	36	898	63	8	8
SUBTOTAL 2:	386		44	816	109		4
TOTAL:	2451	1345	80	1714	172	8	12

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

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INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SUMMARY TABLE

SCALE

BRIDGE FILE

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PJV — 11/13/2025 8:22 AM — U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TB_PM.dwg (PVMT MRKG TABLE 09)

GUARDRAIL SUMMARY TABLE

LOCATION						W-BEAM GUARD RAIL LENGTH													CURVED W-BEAM GUARD RAIL SYSTEM								
FROM STATION	TO STATION	LEFT	MEDIAN LEFT	MEDIAN RIGHT	RIGHT	STANDARD POST AT 6'-3" SPA.	STANDARD POST AT 3'-1.5" SPA.	DOUBLE FACED AT 6'-3" SPA.	DOUBLE FACED AT 3'-1.5" SPA.		SHOP CURVED AT ____ FT. SPA.	NESTED GUARD RAIL	GUARD RAIL FLARE RATE	GUARD RAIL TRANSITION TYPE ____	GUARD RAIL TRANSITION TYPE ____		GUARD RAIL END TREATMENT TYPE OS		TERMINAL SYSTEM		CONNECTOR SYSTEM		GUARD RAIL REMOVE	GUARD RAIL RESET	IMPACT ATTENUATOR TYPE ____	IMPACT ATTENUATOR TYPE ____	REMARKS
						(LFT)	(LFT)	(LFT)	(LFT)	(LFT)	(LFT)	(LFT)		(EA)	(EA)		(EA)		(TYPE)	(EA)	(TYPE)	(EA)	(LFT)	(LFT)	(EA)	(EA)	
63+00	67+00	X				207											1						38				
TOTALS:						207											1						38				

PJV – 11/13/2025 8:24 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TB_GR.dwg (GUARDRAIL TABLE)

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INDIANA
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GUARDRAIL SUMMARY TABLE

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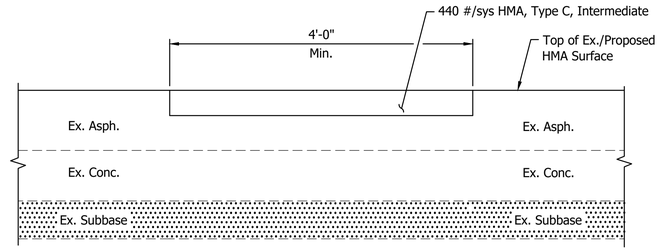
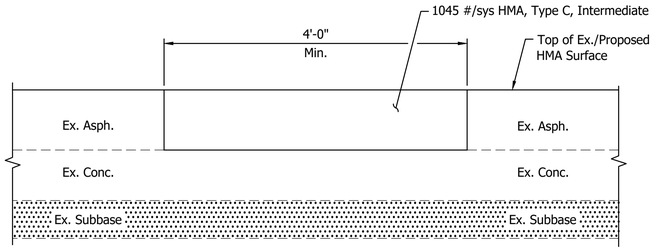
PATCHING SUMMARY TABLE

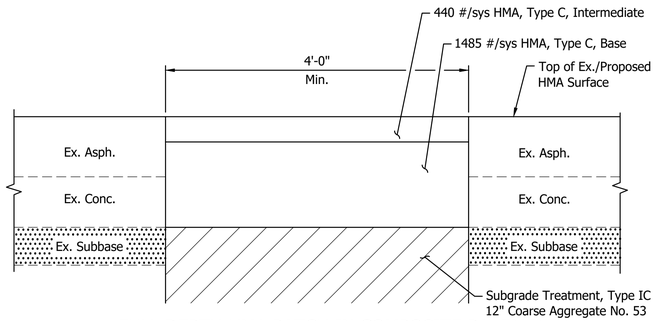
START STATION	DIRECTION	LOCATION	TYPE OF PATCHING	PAVEMENT TYPE	HMA DEPTH	WIDTH	LENGTH	AREA	CONCRETE PAVEMENT REMOVE	HMA FOR PATCHING, TYPE C	SUBGRADE TREATMENT, TYPE II
					IN	FT	FT	SYS	SYS	TONS	SYS
Line "A"											
28+65	WB	Driving Lane	Partial	Asphalt	4	6	10	6.7		1.5	
36+90	EB	Passing Lane	Partial	Asphalt	4	1	20	26.7		5.9	
41+50	EB	Travel Lane	Partial	Asphalt	4	4	80	35.6		7.9	
65+90	EB	Shoulder	Partial	Asphalt	4	4	50	22.2		4.9	
77+40	EB	ALL	Partial	Asphalt	4	48	10	53.3		11.8	
80+50	EB	Travel Lane	Partial	Asphalt	4	4	70	31.1		6.9	
114+50	EB	LTL THRU South Approach	Partial Deeper	Asphalt	9.5	24	172	458.7		239.7	
117+00	WB	Left Turn Lane	Full	Asphalt	17.5	12	10	13.3		12.8	
117+72	EB	Driving Lane	Full	Asphalt	17.5	12	10	13.3		12.8	
119+35	WB	Driving Lane	Full	Asphalt	17.5	12	12	16.0		15.4	
119+70	EB & WB	ALL	Partial Deeper	Asphalt	9.5	64	10	71.1		37.2	
122+87	EB	Travel Lane	Full	Asphalt	17.5	24	25	66.7		64.2	
123+15	WB	Left Turn Lane	Partial Deeper	Asphalt	9.5	30	60	200.0		104.5	
124+07	EB	Driving Lane	Full	Asphalt	17.5	4	12	5.3		5.1	
126+50	WB	Left Turn Lane	Partial Deeper	Asphalt	9.5	24	100	266.7		139.4	
132+70	WB	Passing Lane	Partial Deeper	Asphalt	9.5	12	40	53.3		27.9	
157+40	EB	Shoulder	Partial Deeper	Asphalt	9.5	4	10	4.4		2.3	
169+50	WB	Driving Lane	Full	Asphalt	17.5	12	12	16.0		15.4	
275+60	EB	Driving Lane	Full	Asphalt	17.5	12	6	8.0		7.7	
338+44	WB	Travel Lane	Full	Asphalt	17.5	24	12	32.0		30.8	
387+38	WB	Travel Lane	Full	Asphalt	17.5	24	12	32.0		30.8	
		Undistributed	Partial	Asphalt				200.0			
							TOTALS	1632.4		784.9	



PARTIAL-DEPTH HMA PATCH IN COMPOSITE PAVEMENT
Scale: 1" = 1'-0"



PARTIAL-DEPTH DEEPER HMA PATCH IN COMPOSITE PAVEMENT
Scale: 1" = 1'-0"



FULL DEPTH HMA PATCH IN COMPOSITE PAVEMENT
Scale: 1" = 1'-0"

GDH – 11/13/2025 8:20 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TB_PS.dwg (PATCHING TABLE)

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DESIGN ENGINEER DATE

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INDIANA
DEPARTMENT OF TRANSPORTATION

PATCHING SUMMARY TABLE AND DETAILS

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PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADII	DISTANCE BEYOND R/W LINE	SURFACE BEYOND R/W LINE				GRADE			EXCAVATION		SUBBASE FOR PCCP	D-1 CONTRACTION JOINT	RETROFITTED TIE BARS	HMA FOR APPROACHES, TYPE B				QC/QA-PCCP, 11"	QC/QA - HMA MATERIALS								GEOTEXTILES FOR PAVEMENT, TYPE 1B	SUBGRADE TREATMENT		HMA MATERIAL		COMPACTED AGGREGATE NO. 53		PCCP FOR APPROACHES		PCCP PATCHING, FULL DEPTH	HMA PATCHING, TYPE C	REMARKS
						COMPACTED AGGREGATE BASE	HMA	CONCRETE	SUBGRADE TREATMENT				CUT	FILL + 25%				LBS. PER SYD					3, 58H SURFACE 9.5 mm	3, 64 SURFACE 9.5 mm	3, 58H INTERMEDIATE 19.0 mm	3, 64 INTERMEDIATE 19.0 mm	3, 64 BASE 25.0 mm	3, 58S BASE 25.0 mm	5, 76 INTERMEDIATE OG 19.0 mm	3, 64 BASE 19.0 mm		TYPE		TACK COAT	TACK COAT	DEPTH		DEPTH				
								DEPTH	TYPE									165	275	880			LBS. PER SYD																	
		FT	FT	FT	FT	SYS	SYS	9 IN SYS	II SYS	1 %	2 %	3 %	CYS	CYS	CYS	LFT	EA.	TONS	TONS	TONS	TONS	SYS	165 TONS	165 TONS	275 TONS	275 TONS	660 TONS	880 TONS	250 TONS	330 TONS	SYS	IC SYS	II SYS	TONS	SYS	7 IN CYS	10 IN TONS	6 IN SYS	9 IN SYS	SYS	TONS	
Line "PR-A"													1031	1485																											
12+30 to 29+30																						522		750			2042				4643		2.7			489					
23+24 to 23+72	Cl. IV Dr.	51.5	44.2	40														38	64	153												487	0.3			15					
Line "PR-S-1-A"																																									
48+50 to 50+88.98																						102		170			544				3695		0.7			91					
												TOTALS:	1031	1485				38	64	153		624		920			2586				8338	487	4			595					

PJV – 11/13/2025 8:16 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800TB_RS.dwg (TABLE – RD. SUMMARY)

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INDIANA
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DESIGN SUMMARY TABLE

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STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	VIDEO INSPECTION LENGTH	SKEW	COVER		INVERT		SUMP DEPTH	TOP OF CASTING	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	BACKFILL			GEOTEXTILE FOR UNDERDRAINS TYPE 1A	UNDERCUT				SLOPE PROTECTION		SCOUR PROTECTION				CONCRETE, CLASS A, FOR STR.	PIPE, REMOVE	VIDEO INSPECTION	PIPE END SECTION, REMOVE AND RESET	PIPE END SECTION	CONCRETE ANCHOR	SAFETY METAL END SECTION			CONNECT TO STR.	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							STRUCTURE BACKFILL TYPE 5	STRUCTURE BACKFILL TYPE 2	COMPACTED AGGREGATE #53		EXCAVATION	COMPACTED AGGREGATE #5 12 IN.	COMPACTED AGGREGATE #53 12 IN.	GEOTEXTILES FOR RIPRAP, TYPE 2A	GEOTEXTILES FOR RIPRAP TYPE - 1A	REVETMENT RIPRAP	GEOTEXTILES FOR RIPRAP TYPE - 1A	REVETMENT RIPRAP	CLASS 1 RIPRAP	CLASS 2 RIPRAP							TYPE	SLOPE	EA.			
					FT	FT			LFT	LFT		FT	FT	ELEV.	ELEV.	IN.	ELEV.	YRS				CYS	CYS	CYS	CYS	CYS	CYS	CYS	SYS	SYS	TON	SYS.	TONS	TONS	TONS	CYS	LFT	LFT	EA.	EA.	EA.						
	Line "PR-A"																																															
9	17+92.44			●		6 x 4		RCB	76		28°	1.05	3.18	594.32	594.32	16						120				50	30	30	120																CLV 012-064-37.05	
	Line "A"																																														
12	72+62.0		●			1.00		Pipe and Manhole, Type-A2	12					600.42	600.37	30	602.9																															
14	75+87.1	●						Casting, Type 2																																							
15	76+41.6		●					Casting, Type 1																																							
17	81+04.4		●					Casting, Type 8																																							
20	82+54.5	●						Casting, Type 2																																							
21	83+17.6	●						Casting, Type 2																																							
24	91+82.3		●					Casting, Type 2																																							
25	106+08.5	●						Casting, Type 1																																							
26	110+52.3	●						Casting, Type 10																																							
27	111+25.7	●						Casting, Type 10																																							
29	119+07.6		●					Casting, Type 13																																							
30	119+09.7	●						Casting, Type 13																																							
31	123+38.4		●					Casting, Type 10																																							
32	123+27.9	●						Casting, Type 10																																							
34	124+31.1	●						Casting, Type 10																																							
35	124+31.5		●					Casting, Type 10																																							
36	129+52.5		●					Casting, Type 8																																							
37	143+81.5	●						Casting, Type 8																																							
38	146+16.4	●						Casting, Type 8																																							
39	149+10.5	●						Casting, Type 13																																							
40	149+16.6	●						Casting, Type 13																																							
42	153+48.6	●						Casting, Type 8																																							
44	155+44.0		●					Casting, Type 8																																							
48	173+06.2	●						Casting, Type 2																																							
52	237+08.3		●					Casting, Type 7																																							
100	307+58.2	●						Pipe	70					619.33	617.20																															
101	347+29.9		●					Pipe	65					618.10	617.62																															
	SUBTOTAL 1:								223			1.05	3.18									120				50	30	30	120																			

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: TMC DRAWN: PJV

CHECKED: DGD CHECKED: TMC

INDIANA DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

SCALE	BRIDGE FILE
	DESIGNATION
	2000607

SHEETS: 117 of 142

CONTRACT: R-43027

PJV — 11/13/2025 8:17 AM — U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800TB_SD.dwg (STR. DATA TABLE 01)

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	VIDEO INSPECTION LENGTH	SKEW	COVER		INVERT		SUMP DEPTH	TOP OF CASTING	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	BACKFILL			GEOTEXTILE FOR UNDERDRAINS TYPE 1A	UNDERCUT				SLOPE PROTECTION		SCOUR PROTECTION				CONCRETE, CLASS A, FOR STR.	PIPE, REMOVE	VIDEO INSPECTION	PIPE END SECTION, REMOVE AND RESET	PIPE END SECTION	CONCRETE ANCHOR	SAFETY METAL END SECTION			CONNECT TO STR.	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							STRUCTURE BACKFILL TYPE 5	STRUCTURE BACKFILL TYPE 2	COMPACTED AGGREGATE #53		EXCAVATION	COMPACTED AGGREGATE #5 12 IN.	COMPACTED AGGREGATE #53 12 IN.	GEOTEXTILES FOR RIPRAP, TYPE 2A	GEOTEXTILES FOR RIPRAP TYPE - 1A	REVETMENT RIPRAP	GEOTEXTILES FOR RIPRAP TYPE - 1A	REVETMENT RIPRAP	CLASS 1 RIPRAP	CLASS 2 RIPRAP							TYPE	SLOPE	EA.			
					FT	FT			LFT	LFT		FT	FT	ELEV.	ELEV.	IN.	ELEV.	YRS				CYS	CYS	CYS	CYS	CYS	CYS	CYS	SYS	SYS	TON	SYS.	TONS	TONS	TONS	CYS	LFT	LFT	EA.	EA.	EA.						
102	354+33.6		●					Pipe	78					616.20	615.92																															
103	359+77.7		●					Pipe	80					616.48	616.06																															
104	390+97.9		●					Pipe	25					617.88	617.86																															
105	400+67.3		●					Pipe	67					618.31	617.96																															
106	408+62.2		●					Pipe	68					617.02	616.96																															
107	437+98.0		●					Pipe	70					620.99	620.47																															
SUBTOTAL 2:									388																																					
SUBTOTAL 1:									223			1.05	3.18									120				50	30	30	120															
SUBTOTAL 2:									388																																					

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: TMC DRAWN: PJV

CHECKED: DGD CHECKED: TMC

INDIANA
DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

SCALE

BRIDGE FILE

DESIGNATION
2000607

SHEETS
118 of 142

CONTRACT
R-43027

PJV – 11/13/2025 8:20 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722_223800TB_SD.dwg (STR. DATA TABLE 02)

SHEET SIGN & POST SUMMARY TABLE

SIGN										POST							
										SQUARE							
				GROUND - MOUNTED SIGN AREA (FT²)			GROUND - MOUNTED DOUBLE-FACED SIGN AREA (FT²)			2 ½" x 2 ½" - 12 GA. (TYPE 3)			2" x 2" - 12 GA. (TYPE 2)			2 ¼" x 2 ¼" - 12 GA. (TYPE 1)	
										UNREINFORCED ANCHOR			UNREINFORCED ANCHOR			UNREINFORCED ANCHOR	
										POST LENGTH (FT)			POST LENGTH (FT)			POST LENGTH (FT)	
PLAN SHEET NO / LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (IN x IN)	0.080"	0.100"	.125"	0.080"	0.100"	.125"	1	2	TOTAL	1	2	TOTAL	1	TOTAL
Line "PR-A"																	
	11+00 Rt.	MM47	12 x 6	.50												8.17	8.17
	15+77 Rt.	W1-8	18 x 24	3.00												9.67	9.67
	15+84 Lt.	W1-8	18 x 24	3.00												9.67	9.67
	17+37 Rt.	W1-8	18 x 24	3.00												9.67	9.67
	17+44 Lt.	W1-8	18 x 24	3.00												9.67	9.67
	20+00	W1-8	18 x 24	3.00												9.67	9.67
	20+07	W1-8	18 x 24	3.00												9.67	9.67
	21+60	W1-8	18 x 24	3.00												9.67	9.67
	21+67	W1-8	18 x 24	3.00												9.67	9.67
	32+52 Rt.	W10-1	36 Dia. Cir.		7.07											10.67	10.67
Line "A"																	
	37+45 Lt.	R3-9dP	30 x 12]	2.50												11.67	11.67
		R3-9b	24 x 36]	6.00													
	37+45 Rt.	R3-9cP	30 x 12]	2.50												11.67	11.67
		R3-9b	24 x 36]	6.00													
	39+00 Lt.	W11-1	36 x 36		4.50												
	49+71 Lt.	W10-1	36 Dia. Cir.		7.07											10.67	10.67
	63+69 Rt.	W11-Y13	36 x 36		9.00											10.67	10.67
	99+09 Rt.	R8-3a	24 x 30]	5.00												10.17	10.17
	99+51 Rt.	W10-1	36 Dia. Cir.		7.07											10.67	10.67
	108+30 Lt.	R3-9cP	30 x 12	2.50												11.67	11.67
		R3-9b	24 x 36	6.00													
	108+30 Rt.	R3-9dP	30 x 12]	2.50												11.67	11.67
		R3-9b	24 x 36]	6.00													
	109+54 Lt.	W10-1	36 Dia. Cir.]		7.07											10.67	10.67
	110+79 Rt.	R1-1	30 x 30	6.25												10.17	10.17
	114+02 Lt.	Iron Brigade Highway	24 x 24	4.00												9.67	9.67
	114+36 Lt.	R3-8b	48 x 30		10.00												
	127+95 Lt.	R3-8	36 x 30		7.50											10.17	10.17
			SUBTOTAL 1	73.75	59.28											225.74	225.74

SIGN										POST							
										SQUARE							
				GROUND - MOUNTED SIGN AREA (FT²)			GROUND - MOUNTED DOUBLE-FACED SIGN AREA (FT²)			2 ½" x 2 ½" - 12 GA. (TYPE 3)			2" x 2" - 12 GA. (TYPE 2)			2 ¼" x 2 ¼" - 12 GA. (TYPE 1)	
										UNREINFORCED ANCHOR			UNREINFORCED ANCHOR			UNREINFORCED ANCHOR	
										POST LENGTH (FT)			POST LENGTH (FT)			POST LENGTH (FT)	
PLAN SHEET NO / LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (IN x IN)	0.080"	0.100"	.125"	0.080"	0.100"	.125"	1	2	TOTAL	1	2	TOTAL	1	TOTAL
	134+30 Rt.	R8-Y9	30 x 36	7.50												13.00	13.00
		R8-3dP	24 x 18	3.00													
		MM 39	12 x 6	.50													
		RP+43	21 x 4	.58													
	140+29 Lt.	MM 39	12 x 6]	.50												8.5	8.5
		RP+43	12 x 4]	.33													
	140+73 Lt.	R8-Y9	30 x 36	7.50												12.17	12.17
		R8-3dP	24 x 18]	3.00													
	149+61 Lt.	R6-2R	18 x 24	3.00												9.67	9.67
	161+15 Lt.	R3-9dP	30 x 12]	2.50												11.67	11.67
		R3-9b	24 x 36	6.00													
	161+15 Rt.	R3-9cP	30 x 12	2.50												11.67	11.67
		R3-9b	24 x 36]	6.00													
	194+75 Rt.	W10-2	36 x 36		4.50											10.67	10.67
	195+30 Lt.	W4-2R	36 x 36]		4.50												
	196+21 Lt.	W10-1	36 Dia. Cir.		7.07											10.67	10.67
	197+11 Rt.	M1-4 (R)	24 x 24	4.00												10.67	10.67
		M3-2	24 x 12	2.00													
	197+99 Lt.	W10-2	36 x 36		4.50											10.67	10.67
	223+06 Rt.	W10-2	36 x 36]		4.50											10.67	10.67
	224+68 Lt.	W10-1	36 Dia. Cir.		7.07											10.67	10.67
	225+54 Lt.	W10-2	36 x 36		4.50											10.67	10.67
	255+50 Rt.	Adopt Hwy	48 x 48		16.00								11.67	11.67	23.34		
	257+01 Rt.	W10-2	36 x 36		4.50											10.67	10.67
	257+80 Lt.	W4-2R	36 x 36		4.50												
	261+95 Rt.	W4-2R	36 x 36		4.50												
	262+49 Lt.	W10-2	36 x 36		4.50											10.67	10.67
	313+43 Rt.	W10-3	36 x 36		4.50											10.67	10.67
	319+02 Rt.	W10-2	36 x 36		4.50											10.67	10.67
	320+77 Lt.	W10-1	36 Dia. Cir.		7.07											10.67	10.67
			SUBTOTAL 2	48.91	86.71								11.67	11.67	23.34	194.72	194.72

NOTE:

] Indicates Signs to be Mounted on Common Post(s)

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: FTP DRAWN: PJV

CHECKED: DJT CHECKED: FTP

INDIANA DEPARTMENT OF TRANSPORTATION

SHEET SIGN & POST SUMMARY TABLE

SCALE

BRIDGE FILE

DESIGNATION 2000607

SHEETS 119 of 142

CONTRACT R-43027

GDH – 11/13/2025 8:15 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TB_SN.dwg (SHEET SIGN SUMMARY TABLE 01)

SHEET SIGN & POST SUMMARY TABLE

SIGN										POST							
										SQUARE							
				GROUND - MOUNTED SIGN AREA (FT²)			GROUND - MOUNTED DOUBLE-FACED SIGN AREA (FT²)			2 ½" x 2 ½" - 12 GA. (TYPE 3)			2" x 2" - 12 GA. (TYPE 2)			2 ¼" x 2 ¼" - 12 GA. (TYPE 1)	
										UNREINFORCED ANCHOR			UNREINFORCED ANCHOR			UNREINFORCED ANCHOR	
										POST LENGTH (FT)			POST LENGTH (FT)			POST LENGTH (FT)	
PLAN SHEET NO / LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (IN x IN)	0.080"	0.100"	.125"	0.080"	0.100"	.125"	1	2	TOTAL	1	2	TOTAL	1	TOTAL
	321+49 Lt.	W10-2	36 x 36		4.50											10.67	10.67
	334+25 Rt.	R3-9cP	30 x 12]	2.50												12.17	12.17
		R3-9b	24 x 36]	6.00													
	335+20 Lt.	R3-9cP	30 x 12]	2.50												12.17	12.17
		R3-9b	24 x 36]	6.00													
	336+51 Rt.	W10-3	36 x 36		4.50											10.67	10.67
	338+04 Lt.	W10-1	36 Dia. Cir.		7.07											10.67	10.67
	339+24 Lt.	W10-3	36 x 36		4.50											10.67	10.67
	340+14 Rt.	W1-6R	48 x 24		8.00								11.67	11.67	23.34		
	344+85 Lt.	D2-2	84 x 30			17.50				14.67	14.67	29.34					
	346+86 Lt.	No Open Bev	48 x 24		8.00								11.67	11.67	23.34		
	348+25 Lt.	R3-5L	30 x 36	7.50												10.67	10.67
	348+40 Rt.	R3-5R	30 x 36	7.50												10.67	10.67
	350+10 Rt.	R6-2R	24 x 30	5.00												9.67	9.67
	359+47 Lt.	Impair. Dri.	48 x 48]		16.00								11.67	11.67	23.34		
		R8-3a	24 x 30]	5.00													
	369+76 Rt.	W10-2	36 x 36		4.50											10.67	10.67
	371+24 Lt.	W10-1	36 Dia. Cir.		7.07											10.67	10.67
	371+45 Lt.	R3-9dP	30 x 12]	2.50												12.17	12.17
		R3-9b	24 x 36]	6.00													
	371+45 Rt.	R3-9cP	30 x 12]	2.50												12.17	12.17
		R3-9b	24 x 36]	6.00													
	372+24 Lt.	W10-2	36 x 36		4.50											10.67	10.67
	375+46 Lt.	W11-1	90 x 15]			9.38				15.17	15.17	30.34					
		D1-1	167 x 18]			20.88											
	432+16 Rt.	R3-9dP	30 x 12]	2.50												12.17	12.17
		R3-9b	24 x 36]	6.00													
	432+34 Lt.	R3-9cP	30 x 12]	2.50												12.17	12.17
		R3-9b	24 x 36]	6.00													
	438+68 Lt.	W4-2R	36 x 36		4.50												
			SUBTOTAL 3	76.00	73.14	47.76				29.84	29.84	59.68	35.01	35.01	70.02	178.72	178.72

SIGN										POST							
										SQUARE							
				GROUND - MOUNTED SIGN AREA (FT²)			GROUND - MOUNTED DOUBLE-FACED SIGN AREA (FT²)			2 ½" x 2 ½" - 12 GA. (TYPE 3)			2" x 2" - 12 GA. (TYPE 2)			2 ¼" x 2 ¼" - 12 GA. (TYPE 1)	
										UNREINFORCED ANCHOR			UNREINFORCED ANCHOR			UNREINFORCED ANCHOR	
										POST LENGTH (FT)			POST LENGTH (FT)			POST LENGTH (FT)	
PLAN SHEET NO / LINE	SIGN LOCATION (STA.)	SIGN CODE	SIGN SIZE (IN x IN)	0.080"	0.100"	.125"	0.080"	0.100"	.125"	1	2	TOTAL	1	2	TOTAL	1	TOTAL
			SUBTOTAL 1	73.75	59.28											225.74	225.74
			SUBTOTAL 2	48.91	86.71								11.67	11.67	23.34	194.72	194.72
			SUBTOTAL 3	76.00	73.14	47.76				29.84	29.84	59.68	35.01	35.01	70.02	178.72	178.72
			OVERALL TOTALS	198.66	219.13	47.76				29.84	29.84	59.68	46.68	46.68	93.36	599.18	599.18

NOTE:

] Indicates Signs to be Mounted on Common Post(s)

NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: DJT DRAWN: PJV

CHECKED: FTP CHECKED: FTP

INDIANA DEPARTMENT OF TRANSPORTATION

SHEET SIGN & POST SUMMARY TABLE

SCALE

BRIDGE FILE

DESIGNATION 2000607

SHEETS 120 of 142

CONTRACT R-43027

GDH – 11/13/2025 8:18 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\Plan Set\Civil\201722TB_SN.dwg (SHEET SIGN SUMMARY TABLE 02)

CROSS SECTIONS

Scale 1 inch = 5 feet

CUT FILL

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 ℄ 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

615 610 605 600 595

12 + 50

Wetland B

Ex. Wetland

Ex. R/W

P.G.=603.63

O.S.=603.6

Ex. R/W

Ex. Wetland

Wetland C

Begin Incidental Construction
Sta. 12+50.00 "A"

12 + 00

Wetland B

Ex. Wetland

Ex. R/W

Ex. R/W

Ex. Wetland

Wetland C

11 + 50

Wetland B

Ex. Wetland

Ex. R/W

Ex. Wetland

Ex. R/W

Wetland C

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 ℄ 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

615 610 605 600 595

12 + 50

12 + 00

11 + 50

TMC – 11/13/2025 8:17 AM – U:\2022\202238 INDOT US12 Kintzele\Cad\C3D\Design Files\223800D_CO.dwg (XS_101_PR-A)

NOT FOR CONSTRUCTION

INDIANA
DEPARTMENT OF TRANSPORTATION

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607

DESIGNED: TMC DRAWN: GDH

CHECKED: DGD CHECKED: TMC

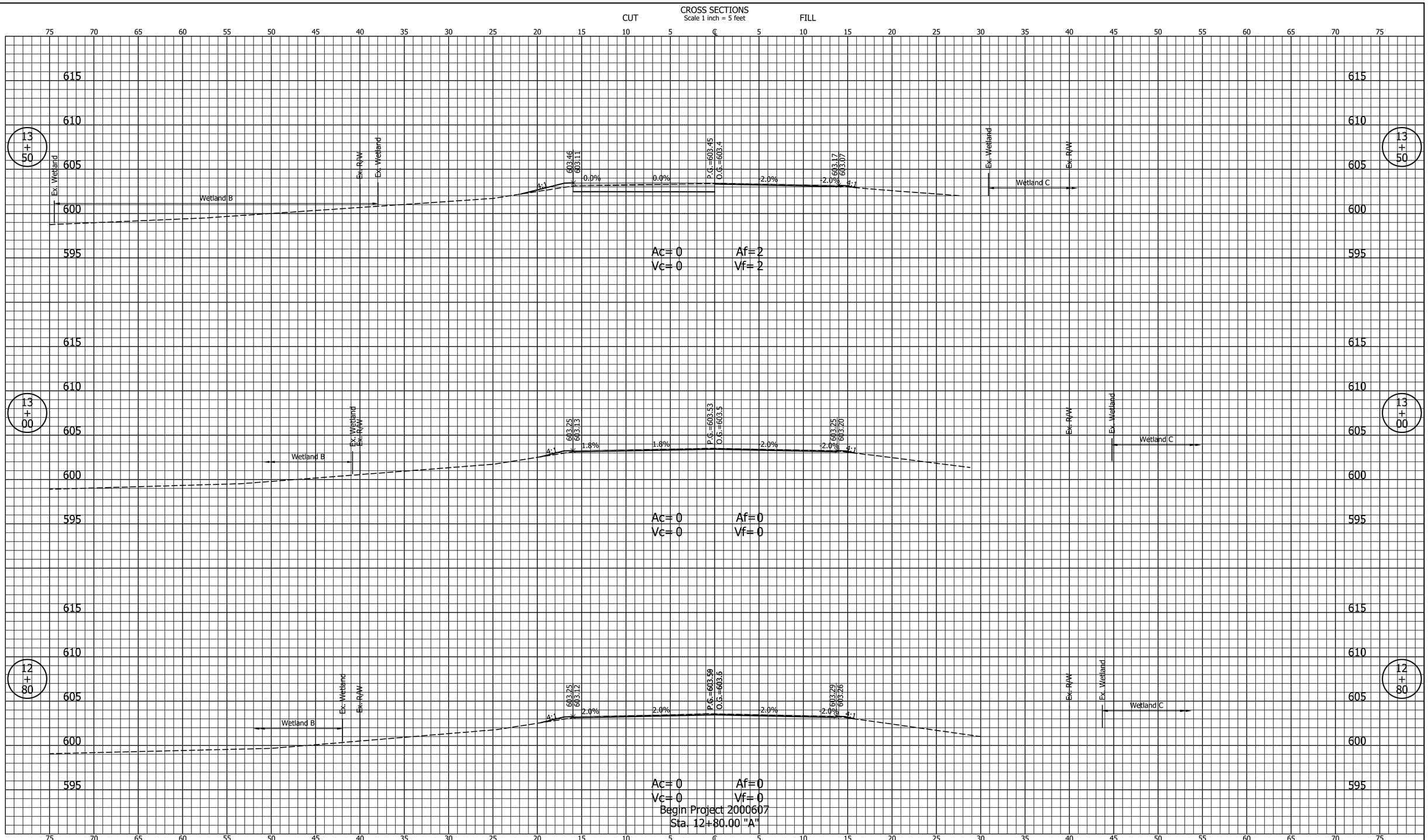
CROSS SECTIONS
LINE "A"

SHEETS		
121	of	142
CONTRACT		
R-43027		

CROSS SECTIONS

Scale 1 inch = 5 feet

CUT FILL



NOT FOR CONSTRUCTION

INDIANA
DEPARTMENT OF TRANSPORTATION

DESIGNED: TMC	DRAWN: GDH
CHECKED: DGD	CHECKED: TMC

CROSS SECTIONS
LINE "A"

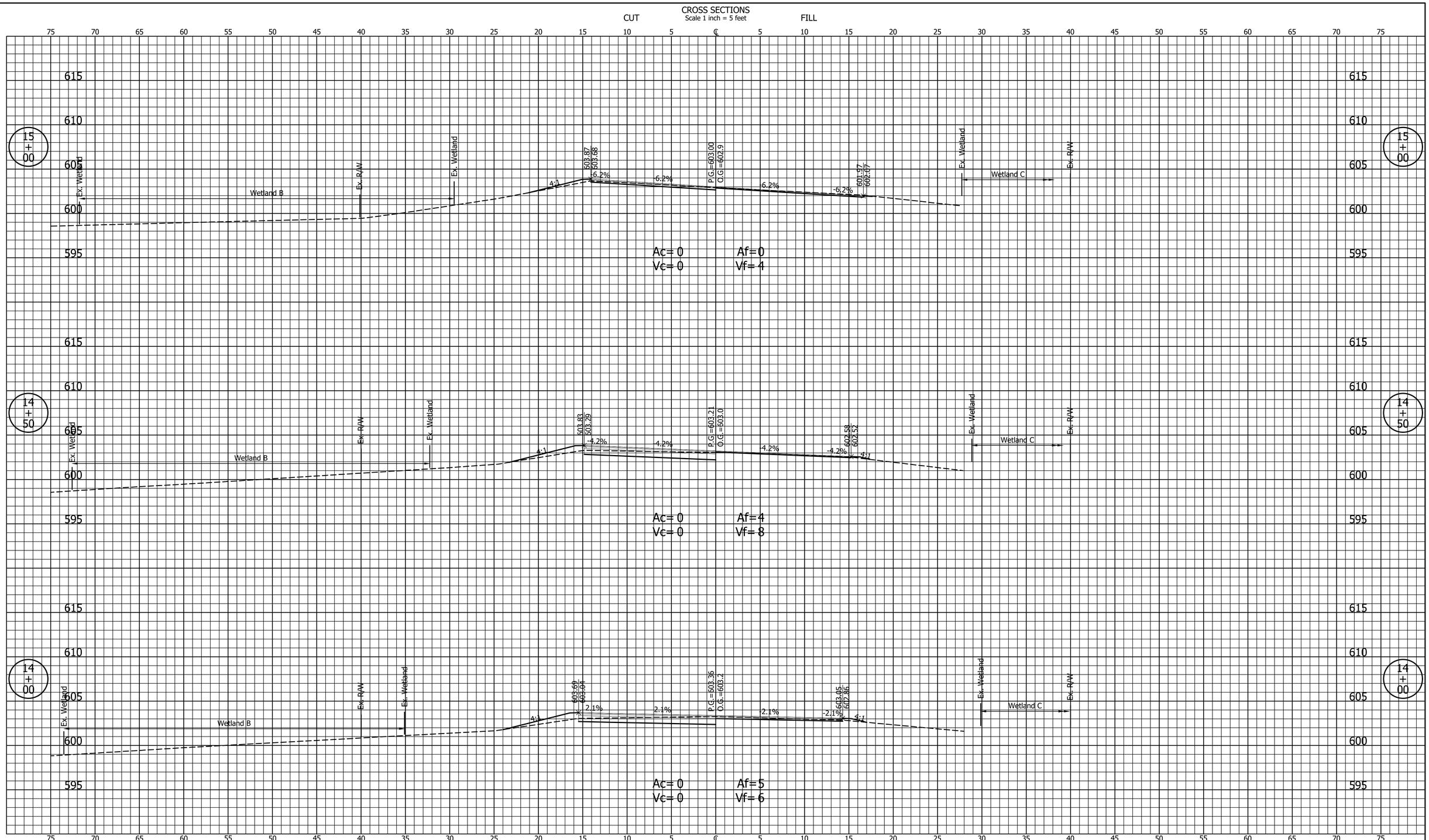
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607
SHEETS	
122 of 142	
CONTRACT	
R-43027	

TMC – 11/13/2025 8:13 AM – U:\2022\202238 INDOT US12 Kintzele\Cad\C3D\Design Files\223800D_CO.dwg (XS_102_PR-A)

CROSS SECTIONS

Scale 1 inch = 5 feet

CUT FILL



NOT FOR CONSTRUCTION

INDIANA
DEPARTMENT OF TRANSPORTATION

DESIGNED: TMC	DRAWN: GDH
CHECKED: DGD	CHECKED: TMC

CROSS SECTIONS
LINE "PR-A"

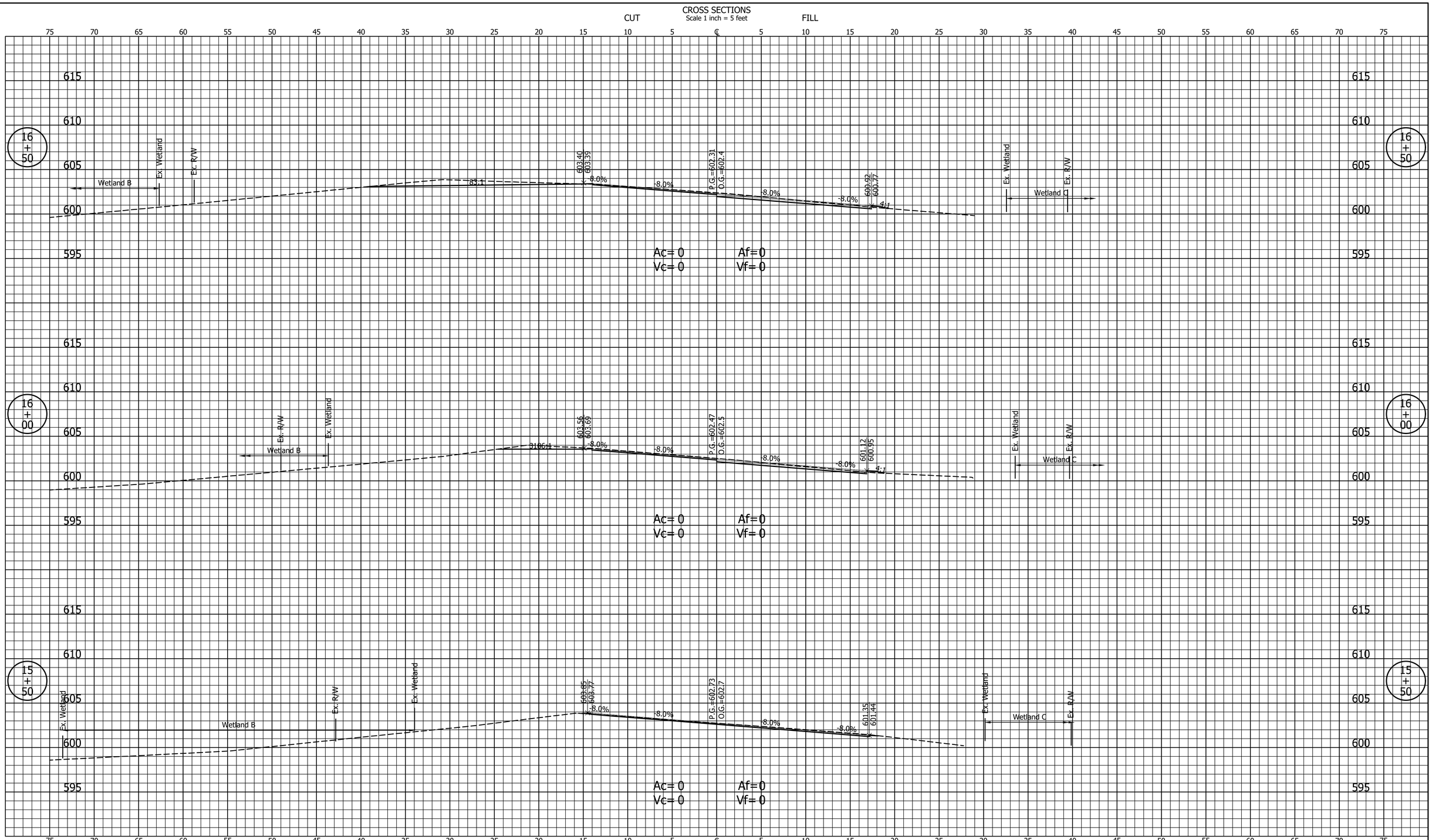
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607
	SHEETS
	123 of 142
	CONTRACT
	R-43027

TMC – 11/13/2025 8:18 AM – U:\2022\202238 INDOT US12 Kintzele\Cad\C3D\Design Files\223800D_CO.dwg (XS_103_PR-A)

CROSS SECTIONS

Scale 1 inch = 5 feet

CUT FILL



TMC – 11/13/2025 8:16 AM – U:\2022\202238 INDOT US12 Kintzele\Cad\C3D\Design Files\223800D_CO.dwg (XS_104_PR-A)

NOT FOR CONSTRUCTION

INDIANA
DEPARTMENT OF TRANSPORTATION

DESIGNED: TMC	DRAWN: GDH
CHECKED: DGD	CHECKED: TMC

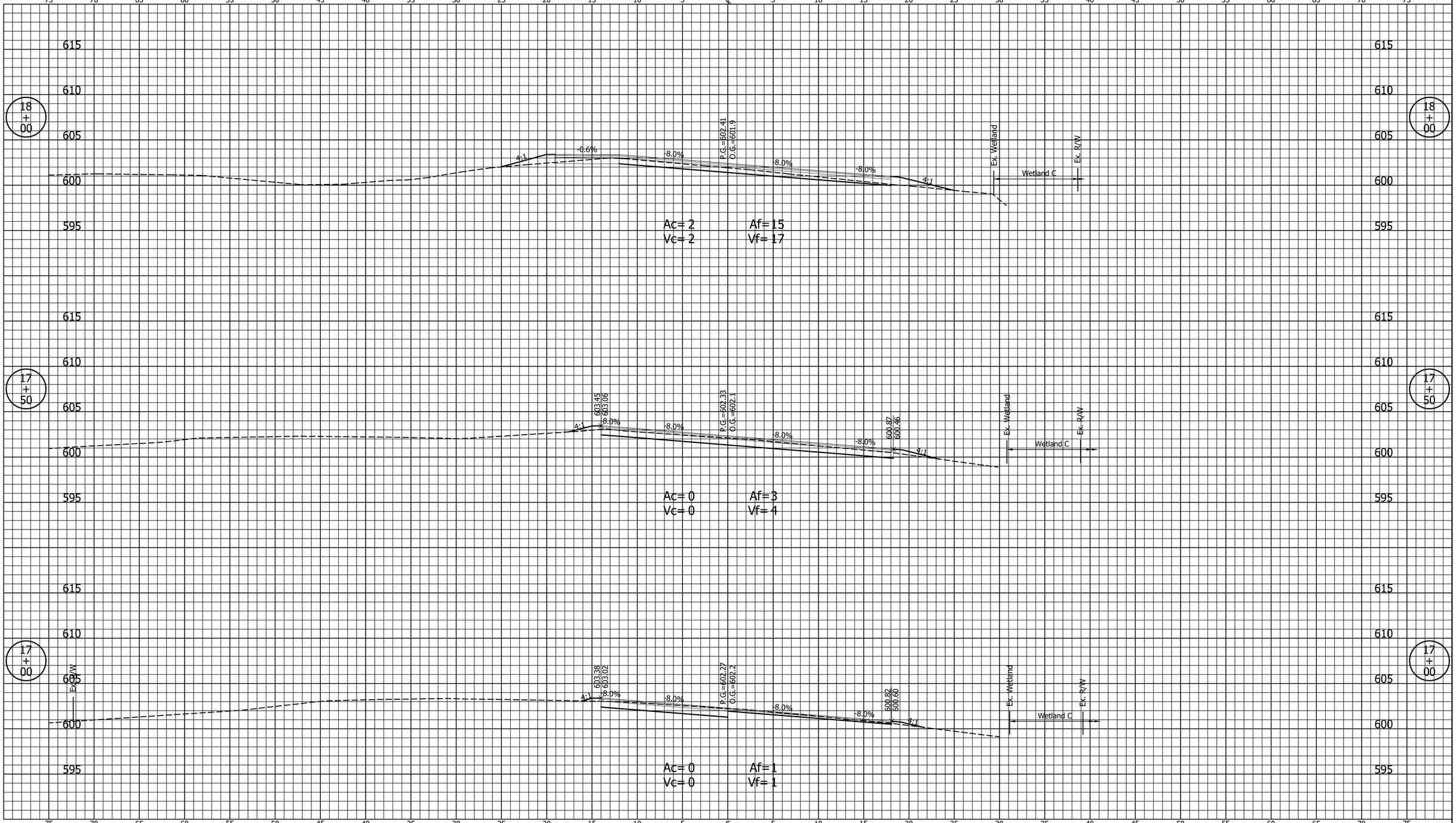
CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607
SHEETS	
124 of 142	
CONTRACT	
R-43027	

CROSS SECTIONS

Scale 1 inch = 5 feet

CUT — FILL



NOT FOR CONSTRUCTION	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5'	BRIDGE FILE:
		VERTICAL SCALE: 1" = 5'	DESIGNATION: 2000607
DESIGNED: TMC / DRAWN: GDH	CROSS SECTIONS LINE "PR-A"		SHEETS: 125 of 142
CHECKED: DGD / CHECKED: TMC			CONTRACT: R-43027

TMC – 11/13/2025 8:17 AM – U:\2022\202238 INDOT US12 Kintzele\Cad\C3D\Design Files\223800D_CO.dwg (XS_105_PR-A)

CROSS SECTIONS

Scale 1 inch = 5 feet

CUT FILL

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 ℄ 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

615 610 605 600 595

18 + 50

"PR-S-1-A" "PR-A"

P.G.=602.48
O.G.=602.0

-8.0% -8.0% -8.0%

4:1

Ex. Wetland

Wetland C

Ex. R/W

Ac= 0 Af= 10
Vc= 3 Vf= 22

18 + 29
Range Profile

Ex. Wetlanc

Ex. Wetland

Wetland A

4:1

P.G.=602.45
O.G.=601.9

1:1

6:1

Ex. Wetland

Wetland C

Ex. R/W

+29 Str. No. 9

18 + 05

Ex. Wetland

Wetland A

Ex. Wetland

4:1

-0.5%

-8.0% -8.0% -8.3%

P.G.=602.42
O.G.=601.9

Ex. Wetland

Wetland C

Ex. R/W

4:1

Ac= 3 Af= 16
Vc= 0 Vf= 3

Begin Project 2101096
Sta. 18+05.00 "PR-A"

NOT FOR CONSTRUCTION

INDIANA
DEPARTMENT OF TRANSPORTATION

DESIGNED: TMC	DRAWN: GDH
CHECKED: DGD	CHECKED: TMC

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607
SHEETS	
126 of 142	
CONTRACT	
R-43027	

TMC – 11/13/2025 8:15 AM – U:\2022\202238 INDOT US12 Kintzele\Cad\C3D\Design Files\223800D_CO.dwg (XS_106_PR-A)

CROSS SECTIONS

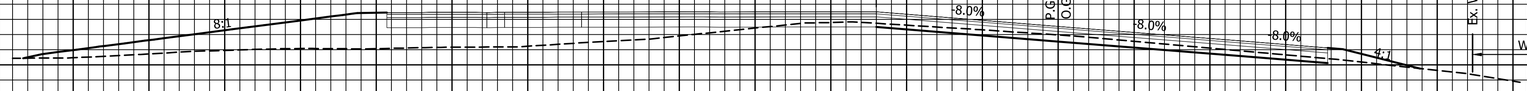
Scale 1 inch = 5 feet

CUT — FILL

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 ℄ 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

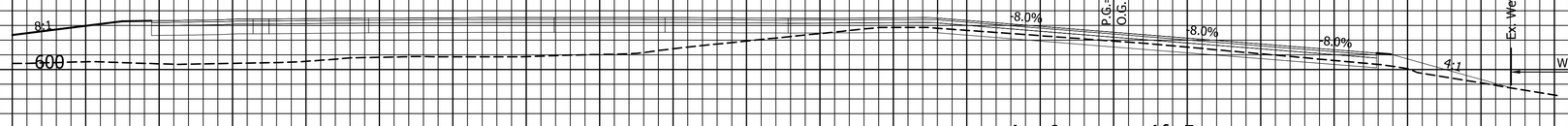
615 610 605 600 595

19 + 00



Ac= 0 Vc= 0 Af= 3 Vf= 4

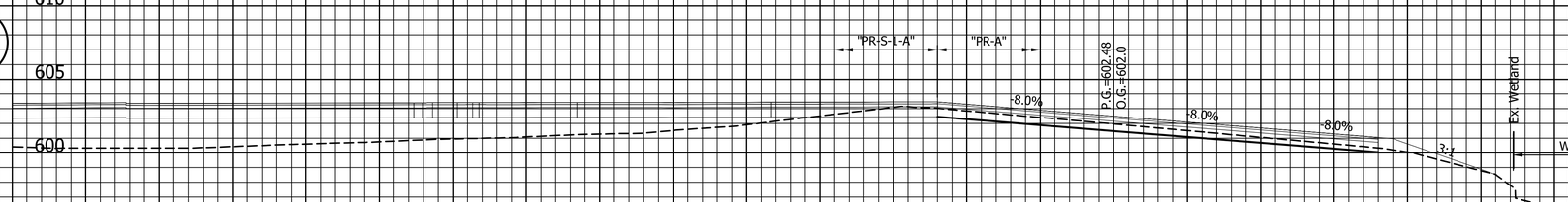
18 + 75



Ac= 0 Vc= 0 Af= 5 Vf= 6

End Project 2101096
Sta. 18+55.00 "PR-A"

18 + 55



Ac= 0 Vc= 0 Af= 10 Vf= 2

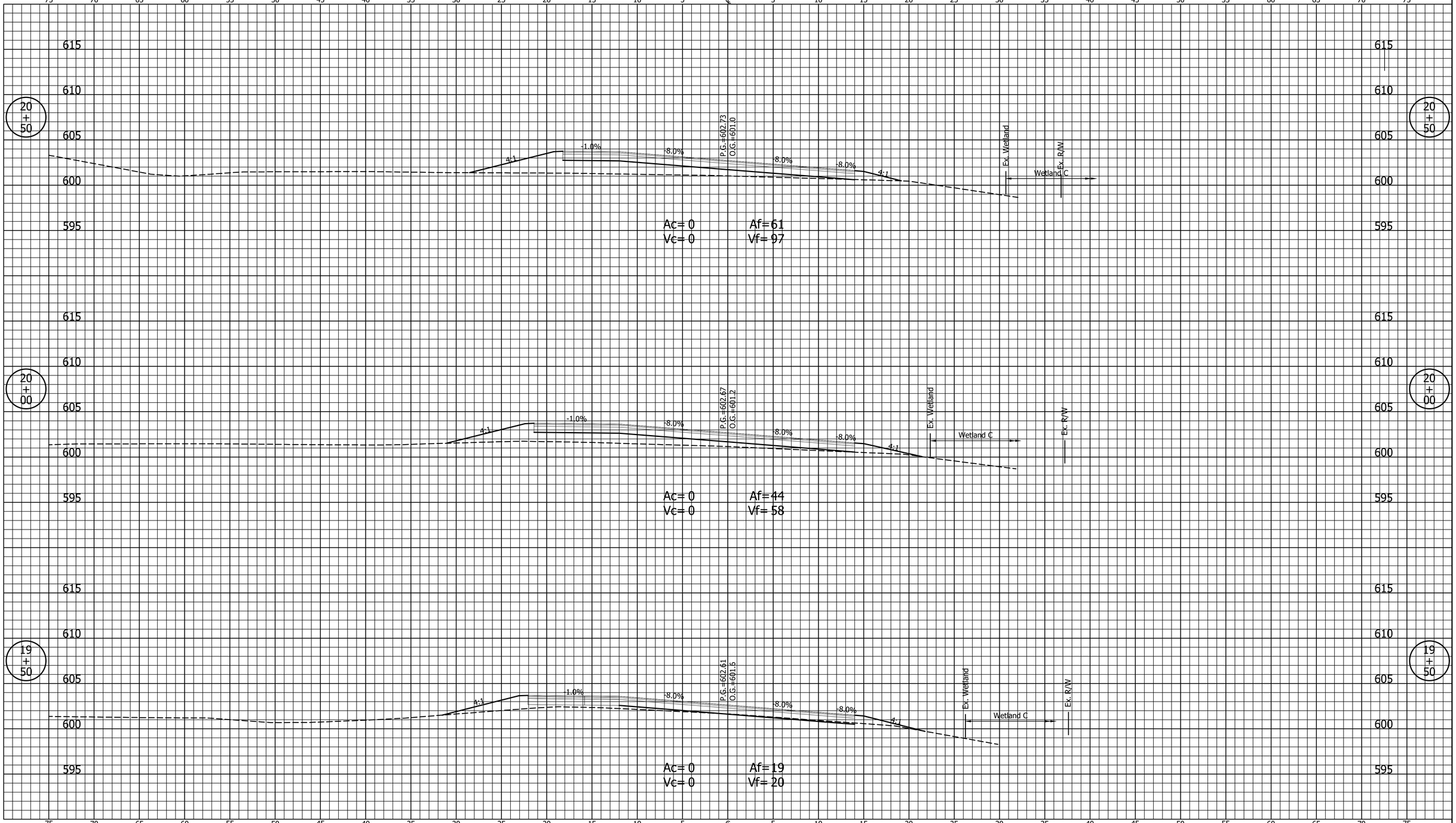
NOT FOR CONSTRUCTION	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
		VERTICAL SCALE 1" = 5'	DESIGNATION 2000607
DESIGNED: TMC DRAWN: GDH	CROSS SECTIONS LINE "PR-A"		SHEETS 127 of 142
CHECKED: DGD CHECKED: TMC			CONTRACT R-43027

TMC – 11/13/2025 8:15 AM – U:\2022\202238 INDOT US12 Kintzele\Cad\C3D\Design Files\223800D_CO.dwg (XS_107_PR-A)

CROSS SECTIONS

Scale 1 inch = 5 feet

CUT FILL



NOT FOR CONSTRUCTION

INDIANA
DEPARTMENT OF TRANSPORTATION

DESIGNED: TMC	DRAWN: GDH
CHECKED: DGD	CHECKED: TMC

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607
SHEETS	
128 of 142	
CONTRACT	
R-43027	

TMC – 11/13/2025 8:15 AM – U:\2022\202238 INDOT US12 Kintzele\Cad\C3D\Design Files\223800D_CO.dwg (XS_108_PR-A)

CROSS SECTIONS

Scale 1 inch = 5 feet

CUT ℄ FILL

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 ℄ 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

615 610 605 600 595

22 + 00

Ex. R/W

4:1 -1.0% -8.0% -8.0% -8.0% 4:1

P.G.=602.91
O.G.=601.8

Ex. Wetland

Ex. R/W

Wetland C

Ac= 0 Af= 38
Vc= 0 Vf= 80

21 + 50

Ex. R/W

4:1 -1.0% -8.0% -8.0% -8.0% 4:1

P.G.=602.85
O.G.=601.16

Ex. R/W

Ex. Wetland

Wetland C

Ac= 0 Af= 48
Vc= 0 Vf= 93

21 + 00

4:1 -1.0% -8.0% -8.0% -8.0% 4:1

P.G.=602.79
O.G.=601.4

Ex. Wetland

Ex. R/W

Wetland C

Ac= 0 Af= 52
Vc= 0 Vf= 105

TMC – 11/13/2025 8:18 AM – U:\2022\202238 INDOT US12 Kintzele\Cad\C3D\Design Files\223800D_CO.dwg (XS_109_PR-A)

NOT FOR CONSTRUCTION

INDIANA
DEPARTMENT OF TRANSPORTATION

DESIGNED: TMC	DRAWN: GDH
CHECKED: DGD	CHECKED: TMC

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607
SHEETS	
129 of 142	
CONTRACT	
R-43027	

CROSS SECTIONS

Scale 1 inch = 5 feet

CUT ℄ FILL

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 ℄ 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

615 610 605 600 595

23 + 50

Ex. R/W

4:1 -1.0% -8.0% -8.0% -8.0% 4:1

P.G.=602.98
O.G.=601.8

Ex. Wetland Ex. R/W Wetland C

Ac= 0 Af= 39
Vc= 0 Vf= 71

23 + 00

Ex. R/W

4:1 -1.0% -8.0% -8.0% -8.0% 4:1

P.G.=603.02
O.G.=601.9

Ex. R/W Ex. Wetland Wetland C

Ac= 0 Af= 38
Vc= 0 Vf= 68

22 + 50

Ex. R/W

4:1 -1.0% -8.0% -8.0% -8.0% 4:1

P.G.=602.97
O.G.=601.9

Ex. R/W Ex. Wetland Wetland C

Ac= 0 Af= 35
Vc= 0 Vf= 68

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 ℄ 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

NOT FOR CONSTRUCTION

INDIANA
DEPARTMENT OF TRANSPORTATION

DESIGNED: TMC	DRAWN: GDH
CHECKED: DGD	CHECKED: TMC

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607
SHEETS	
130 of 142	
CONTRACT	
R-43027	

TMC – 11/13/2025 8:20 AM – U:\2022\202238 INDOT US12 Kintzele\Cad\C3D\Design Files\223800D_CO.dwg (XS_110_PR-A)

CROSS SECTIONS

Scale 1 inch = 5 feet

CUT — FILL

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 ℄ 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

620 615 610 605 600

24 + 50

Ex. R/W

4:1 -1.0% -1.0% -8.0% -8.0% -8.0% 4:1

P.G.=602.65
O.G.=601.7

Ac= 0
Vc= 3

Af= 31
Vf= 86

Ex. Wetland

Wetland C

Ex. R/W

24 + 00

Ex. R/W

505:1 .00% -8.0% -8.0% -8.0% 4:1

P.G.=602.86
O.G.=601.8

Ac= 3
Vc= 3

Af= 62
Vf= 94

Ex. Wetland

Wetland C

Ex. R/W

Cl. IV Dr. Req'd., Lt.

23 + 85

Ex. R/W

101:1 .00%

P.G.=602.90
O.G.=601.8

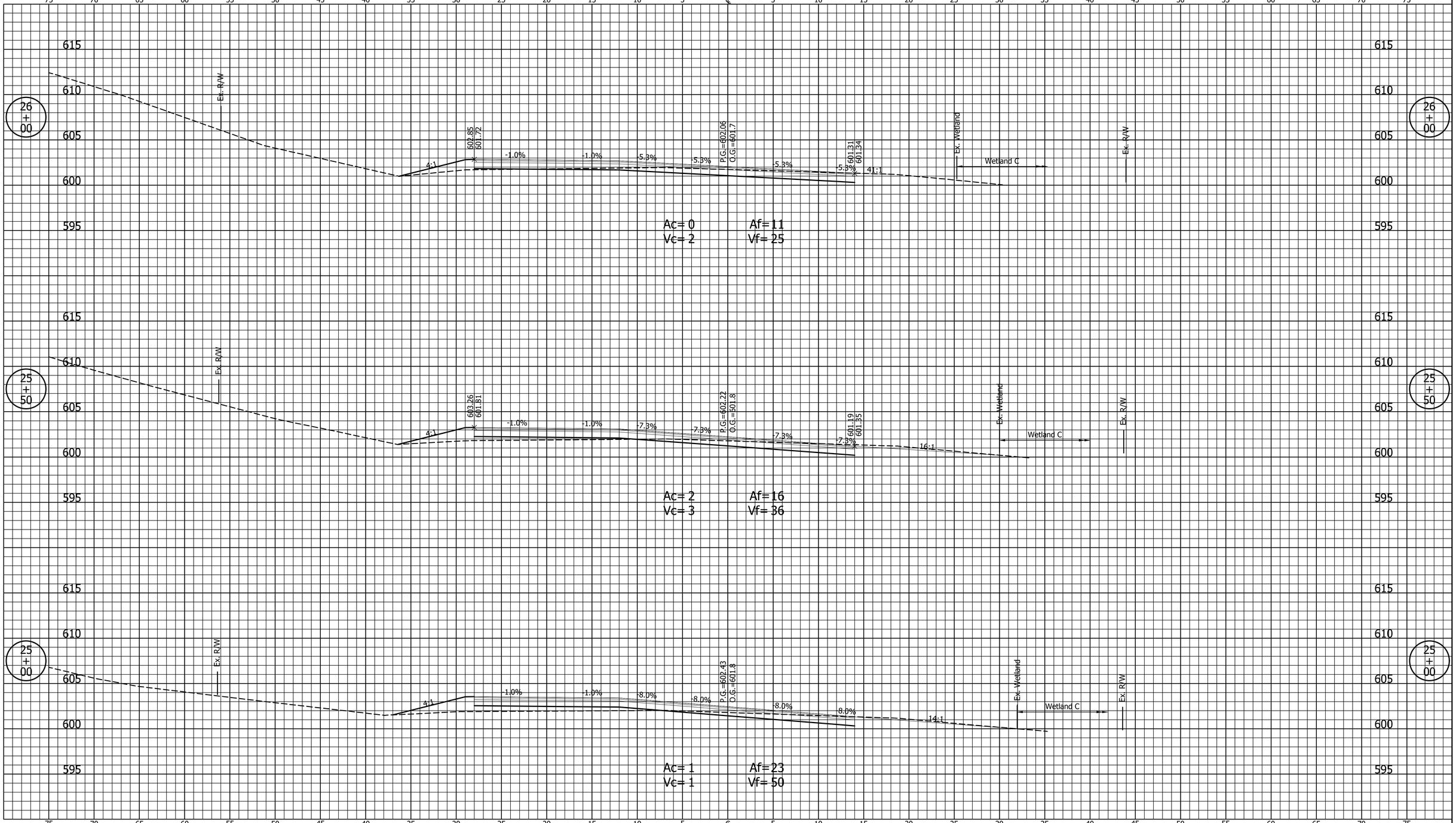
NOT FOR CONSTRUCTION		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE: 1" = 5' / VERTICAL SCALE: 1" = 5' / BRIDGE FILE / DESIGNATION: 2000607
DESIGNED: TMC	DRAWN: GDH	CROSS SECTIONS LINE "PR-A"	SHEETS: 131 of 142
CHECKED: DGD	CHECKED: TMC		CONTRACT: R-43027

TMC – 11/13/2025 8:17 AM – U:\2022\202238 INDOT US12 Kintzele\Cad\C3D\Design Files\223800D_CO.dwg (XS_111_PR-A)

CROSS SECTIONS

Scale 1 inch = 5 feet

CUT ℄ FILL



NOT FOR CONSTRUCTION

INDIANA
DEPARTMENT OF TRANSPORTATION

DESIGNED: TMC	DRAWN: GDH
CHECKED: DGD	CHECKED: TMC

CROSS SECTIONS
LINE "PR-A"

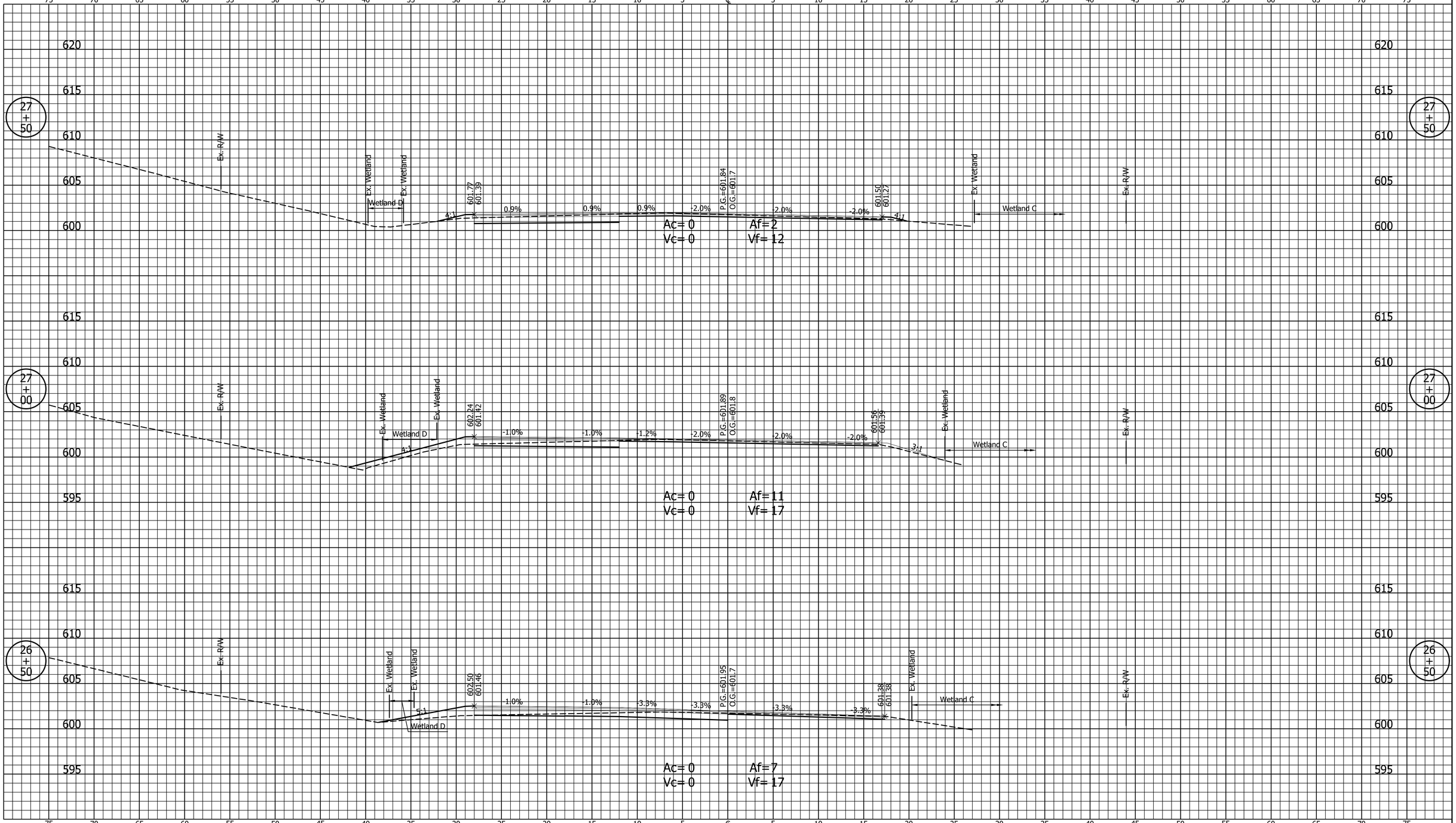
HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607
SHEETS	
132 of 142	
CONTRACT	
R-43027	

TMC – 11/13/2025 8:19 AM – U:\2022\202238 INDOT US12 Kintzele\Cad\C3D\Design Files\223800D_CO.dwg (XS_112_PR-A)

CROSS SECTIONS

Scale 1 inch = 5 feet

CUT ℄ FILL

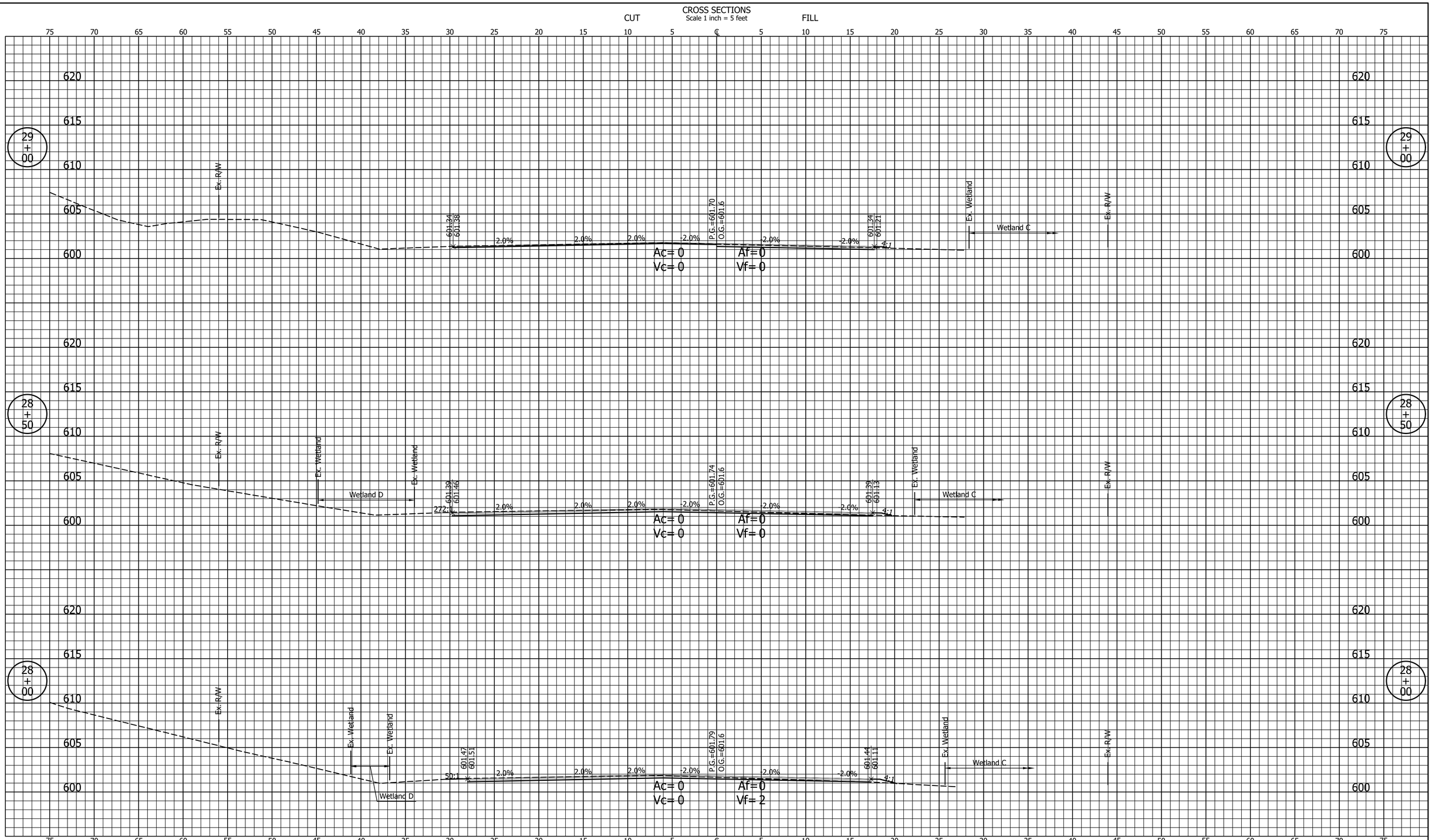


NOT FOR CONSTRUCTION	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
		VERTICAL SCALE 1" = 5'	DESIGNATION 2000607
DESIGNED: TMC DRAWN: GDH	CROSS SECTIONS LINE "PR-A"		SHEETS 133 of 142
CHECKED: DGD CHECKED: TMC			CONTRACT R-43027

TMC – 11/13/2025 8:17 AM – U:\2022\202238 INDOT US12 Kintzele\Cad\C3D\Design Files\223800D_CO.dwg (XS_113_PR-A)

CROSS SECTIONS
Scale 1 inch = 5 feet

CUT FILL



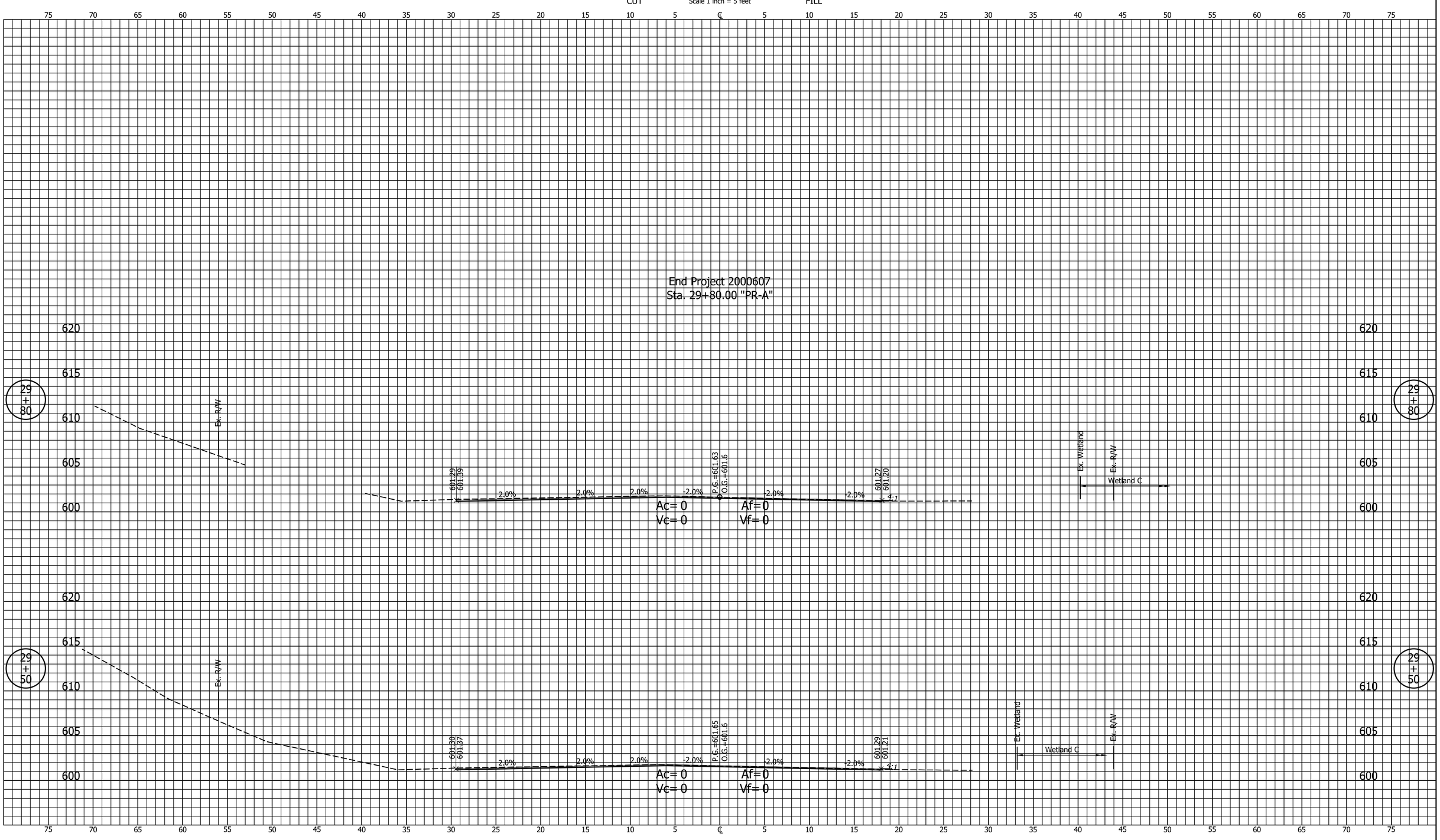
NOT FOR CONSTRUCTION	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE
		VERTICAL SCALE 1" = 5'	DESIGNATION 2000607
DESIGNED: TMC DRAWN: GDH	CROSS SECTIONS LINE "PR-A"		SHEETS 134 of 142
CHECKED: DGD CHECKED: TMC			CONTRACT R-43027

TMC – 11/13/2025 8:18 AM – U:\2022\202238 INDOT US12 Kintzele\Cad\C3D\Design Files\223800D_CO.dwg (XS_114_PR-A)

CROSS SECTIONS
Scale 1 inch = 5 feet

CUT FILL

End Project 2000607
Sta. 29+80.00 "PR-A"



NOT FOR CONSTRUCTION

INDIANA
DEPARTMENT OF TRANSPORTATION

DESIGNED: TMC	DRAWN: GDH
CHECKED: DGD	CHECKED: TMC

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607
SHEETS	
135 of 142	
CONTRACT	
R-43027	

TMC - 11/13/2025 8:18 AM - U:\2022\202238 INDOT US12 Kintzele\Cad\C3D\Design Files\223800D_CO.dwg (XS_115_PR-A)

CROSS SECTIONS
Scale 1 inch = 5 feet

CUT ℄ FILL

80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 ℄ 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80

615 610 605 600 595 590

48 + 75

Ex. R/W

Ex. Pole Line

P.G.=601.27
O.G.=601.0

4:1 4:1

Ex. R/W

Ex. Wetland

Wetland B

Ex. Wetland

Ac= 107 Af=52
Vc= 102 Vf= 48

48 + 50

Ex. R/W

Ex. Pole Line

4:1 4:1

P.G.=600.99
O.G.=600.9

Ex. R/W

Ex. Wetland

Wetland B

Ex. Wetland

Ac= 114 Af=52
Vc= 46 Vf= 21

Begin Construction
Sta. 48+50.00 "PR-S-1-A"

48 + 28

Ex. R/W

P.G.=600.83
O.G.=600.8

Ex. R/W

Ex. Wetland

Wetland B

Ex. Wetland

Ac= 0 Af=0
Vc= 0 Vf= 0
Begin Incidental Construction
Sta. 48+28.00 "PR-S-1-A"

80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 ℄ 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80

TMC – 11/13/2025 8:23 AM – U:\2022\202238 INDOT US12 Kintzele\Cad\C3D\Design Files\2238000_CO.dwg (XS_45_PR-S-1-A)

NOT FOR CONSTRUCTION

INDIANA
DEPARTMENT OF TRANSPORTATION

DESIGNED: TMC	DRAWN: GDH
CHECKED: DGD	CHECKED: TMC

CROSS SECTIONS
LINE "PR-S-1-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607
SHEETS	
136 of 142	
CONTRACT	
R-43027	

CROSS SECTIONS

Scale 1 inch = 5 feet

CUT ℄ FILL

80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 ℄ 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80

615 610 605 600 595

49 + 50

Ex. R/W

Ex. Pole Line

P.G.=602.73
O.G.=600.9

2:1 4:1 4:1

Ac= 197 Af=184
Vc= 162 Vf= 139

49 + 25

Ex. R/W

Ex. Pole Line

P.G.=602.15
O.G.=601.1

2:1 4:1 4:1

Ex. R/W

Ex. Wetland

Wetland B

Ac= 152 Af=116
Vc= 127 Vf= 92

49 + 00

Ex. R/W

Ex. Pole Line

P.G.=601.65
O.G.=601.1

2:1 2:1 4:1

Ex. R/W

Ex. Wetland

Wetland B

Ac= 123 Af=83
Vc= 106 Vf= 63

NOT FOR CONSTRUCTION

INDIANA
DEPARTMENT OF TRANSPORTATION

DESIGNED: TMC	DRAWN: GDH
CHECKED: DGD	CHECKED: TMC

CROSS SECTIONS
LINE "PR-S-1-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607
SHEETS	
137 of 142	
CONTRACT	
R-43027	

TMC – 11/13/2025 8:13 AM – U:\2022\202238 INDOT US12 Kintzele\Cad\C3D\Design Files\223800D_CO.dwg (XS_46_PR-S-1-A)

CROSS SECTIONS

Scale 1 inch = 5 feet

CUT ℄ FILL

80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 ℄ 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80

610 605 600 595 590

50 + 25

P.G.=603.78
O.G.=600.6

4:1 4:1

Ac= 202 Af=280
Vc= 168 Vf= 231

50 + 00

P.G.=603.64
O.G.=600.6

4:1 4:1

Ac= 160 Af=218
Vc= 141 Vf= 181

Ex. Pole Line

49 + 75

P.G.=603.28
O.G.=600.8

4:1 4:1

Ac= 145 Af=173
Vc= 158 Vf= 165

TMC – 11/13/2025 8:18 AM – U:\2022\202238 INDOT US12 Kintzele\Cad\C3D\Design Files\223800D_CO.dwg (XS_47_PR-S-1-A)

NOT FOR CONSTRUCTION

INDIANA
DEPARTMENT OF TRANSPORTATION

DESIGNED: TMC	DRAWN: GDH
CHECKED: DGD	CHECKED: TMC

CROSS SECTIONS
LINE "PR-S-1-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607
SHEETS	
138 of 142	
CONTRACT	
R-43027	

CROSS SECTIONS
Scale 1 inch = 5 feet

CUT FILL

80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 ℄ 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80

End Construction
Sta. 50+88.98 "PR-S-1-A"

610
605
600
595
590

50 + 50

P.G.=603.60
O.G.=600.8

4:1

7:1

Ex. Wetland
Ex. Wetland

Wetland A

Ac= 279 Af=347
Vc= 223 Vf= 290

80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 ℄ 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80

TMC – 11/13/2025 8:24 AM – U:\2022\202238 INDOT US12 Kintzele\Cad\C3D\Design Files\223800D_CO.dwg (XS_48_PR-S-1-A)

NOT FOR CONSTRUCTION

DESIGNED: TMC DRAWN: GDH

CHECKED: DGD CHECKED: TMC

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-S-1-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607

SHEETS
139 of 142
CONTRACT
R-43027

CROSS SECTIONS

Scale 1 inch = 5 feet

CUT

FILL

80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 ℄ 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80

630 625 620 615 610

354 + 33.60

Ex. R/W

Ex. Headwall

6:1

2:1

Ex. F.O.

Inv. = 615.92

Proposed Headwall
Top Elev. = 618.67

Ex. Tel.

+33.6 Str. No. 102
30" Concrete Culvert

Proposed End Section

Center Median

Edge of Roadway

347 + 60.82

Ex. Headwall

3:1

Ex. Headwall

3:1

Ex. F.O.

3:1

3:1

3:1

Proposed End Section

+29.9 Str. No. 101
18" Concrete Culvert

Proposed End Section

307 + 58.20

Ex. R/W

Proposed Headwall
Top Elev. = 621.22

3:1

Ex. Headwall

3:1

Inv. = 618.20

Ex. F.O.

+58.2 Str. No. 100
15" Concrete Culvert

Proposed Headwall
Top Elev. = 622.17

Parking Lot

Ex. R/W

3:1

Ex. Headwall

1:1

Inv. = 619.33

Ex. Gas

Ex. Water

DJT – 11/13/2025 8:18 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\C3D\Design Files\201722D_SW.dwg (XS_1_A)

NOT FOR CONSTRUCTION

INDIANA
DEPARTMENT OF TRANSPORTATION

DESIGNED: DJT	DRAWN: GDH
CHECKED: DGD	CHECKED: DJT

CROSS SECTIONS
LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607
	SHEETS
	140 of 142
	CONTRACT
	R-43027

CROSS SECTIONS

Scale 1 inch = 5 feet

CUT FILL

80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 ℄ 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80

630 625 620 615 610

408 + 62.20

Ex. R/W

Proposed Headwall
Top Elev. = 619.77

3:1

Ex. Headwall

3:1

Ex. F.O.

Ex. Tel.

Inv. = 617.02

+62.2 Str. No. 106
15" Concrete Culvert

Ex. Headwall

3:1

3:1

Proposed End Section

400 + 67.3

Ex. R/W

Proposed End Section

Ex. Tel.

+67.3 Str. No. 105
15" Concrete Culvert

Proposed End Section

359 + 77.70

Ex. R/W

Proposed Headwall
Top Elev. = 619.06

3:1

Ex. Headwall

3:1

Ex. Tel.

Ex. F.O.

Inv. = 616.06

+77.7 Str. No. 103
18" Concrete Culvert

Ex. Headwall

3:1

Ex. R/W

Proposed End Section

DJT – 11/13/2025 8:17 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MI\Cad\C3D\Design Files\201722D_SW.dwg (XS_2_A)

NOT FOR CONSTRUCTION

INDIANA
DEPARTMENT OF TRANSPORTATION

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607

DESIGNED: DJT
DRAWN: GDH
CHECKED: DGD
CHECKED: DJT

CROSS SECTIONS
LINE "A"

SHEETS: 141 of 142
CONTRACT: R-43027

CROSS SECTIONS
Scale 1 inch = 5 feet

CUT FILL

80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 ℄ 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80

630
625
620
615
610

437 + 98

Ex. R/W

Ex. Headwall

Proposed Headwall
Top Elev. = 623.47

3:1

3:1

Inv. = 620.47

Ex. Tel.

+98 Str. No. 107
18" Concrete Culvert

Ex. Headwall

3:1

3:1

Proposed End Section

437 + 98

80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 ℄ 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80

DJT – 11/13/2025 8:22 AM – U:\2020\202017 INDOT LaPorte\22 HMA US12 Porter LaPorte MT\Cad\C3D\Design Files\201722D_SW.dwg (XS_3_A)

NOT FOR CONSTRUCTION

INDIANA
DEPARTMENT OF TRANSPORTATION

DESIGNED: DJT	DRAWN: GDH
CHECKED: DGD	CHECKED: DJT

CROSS SECTIONS
LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2000607
	SHEETS
	142 of 142
	CONTRACT
	R-43027