DESIGNATION	BRIDGE FILE
2003031	N/A
CONTRACT	
R-43619	

INDIANA DEPARTMENT OF TRANSPORTATION

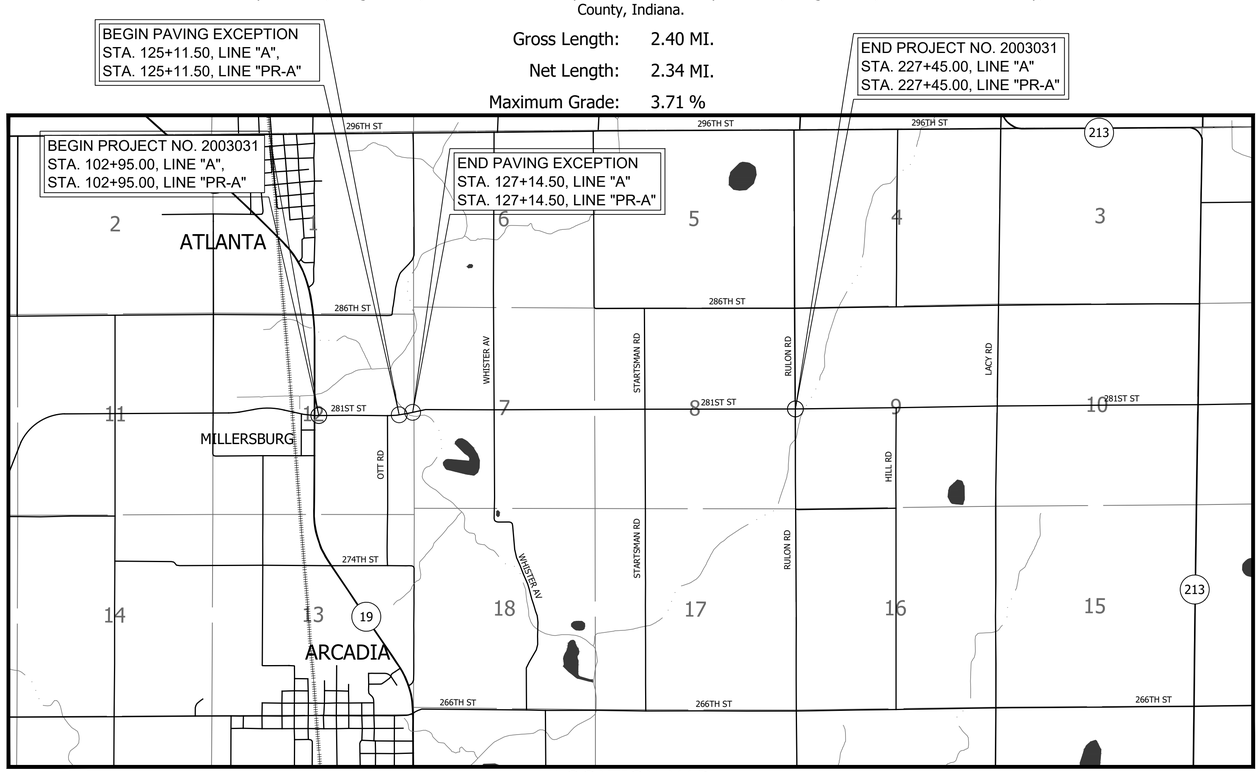
ROAD PLANS

281ST STREET REHABILITATION

DESIGNATION NO. 2003031

Rehabilitation along 281st Street, Begininng at State Rd 19 East to Rulon Rd 2 miles West of State Rd 213, in Section 12 Township 20 North, Range 4 East, Section 7 Township 20 North, Range 5 East, All in Jackson Township, Section 8, Township 20 North, Range 5 East, in White River Township, in Hamilton County, Indiana.

Gross Length: 2.40 MI.
Net Length: 2.34 MI.
Maximum Grade: 3.71 %



LOCATION MAP
HAMILTON COUNTY, INDIANA

SCALE: 1" = 2,000'

TRAFFIC DATA	281st Street
A.A.D.T. (2026)	948 V.P.D.
A.A.D.T. (2046)	1157 V.P.D.
D.H.V (2046)	115 V.P.H.
DIRECTIONAL DISTRIBUTION	50 %
TRUCKS	11 % A.A.D.T.
	6 % D.H.V.

DESIGN DATA	
DESIGN SPEED	50 M.P.H.
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	MAJOR COLLECTOR
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	NONE



PROJECT LOCATION SHOWN BY

BEGIN:	LATITUDE: 40° 11' 51" N LONGITUDE: 86° 01' 21" W
END:	LATITUDE: 40° 11' 53" N LONGITUDE: 85° 58' 37" W
HUC:	051202010606

HAMILTON COUNTY BOARD OF COMMISSIONERS

ATTEST _____ DATE

RECOMMENDED FOR APPROVAL _____ DATE

JOEL THURMAN P.E., E.R.C. (EMPLOYEE OF RESPONSIBLE CHARGE)

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

DCCM
8770 NORTH ST., STE 110
FISHERS, IN 46038
P: 317.588.1798
F: 317.588.1799
DCCM.COM

PLANS PREPARED BY: DCCM 317-588-1798 PHONE NUMBER

CERTIFIED BY: _____ DATE

APPROVED FOR LETTING: _____ INDIANA DEPARTMENT OF TRANSPORTATION DATE

DESIGNATION
2003031

SHEET		
1	of	194

CONTRACT
R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 4/2/26 - 9:12 AM EDITED BY: EKOWALSKI DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\01 TITLE\RD-SHT-TITLE-281ST ST REHAB.DWG

UTILITIES

UTILITY	OWNER	ADDRESS
ELECTRIC	AMERICAN ELECTRIC POWER	5000 N WHEELING AVE MUNCIE, IN 47304 CONTACT: TODD BROBST EMAIL: ktbrobst@aep.com PHONE: 765-730-4442
PIPELINE	BUCKEYE	6161 HAMILTON BLVD ALLENTOWN, PA 18106 CONTACT: BRIAN BARR EMAIL: bbar@buckeye.com PHONE: 712-215-7028
GAS	CENTERPOINT ENERGY (NORTH) (FORMERLY VECTREN)	16000 ALLISONVILLE ROAD NOBLESVILLE, IN 46060 CONTACT: CHAD MILLER EMAIL: Chad.R.Miller@centerpointenergy.com PHONE: 317-776-5590
COMMUNICATIONS	ENDEAVOR COMMUNICATIONS	2 S WEST ST CLOVERDALE, IN 46120 CONTACT: JASON LOTZ EMAIL: jlotz@weendeavor.com PHONE: 765-720-2119
CABLE	COMCAST CABLE (INDIANAPOLIS)	720 TAYLOR STREET FORT WAYNE, IN 46802 CONTACT: DOUG FISHBURN EMAIL: William_Fishburn@comcast.com PHONE: 260-410-3504
ELECTRIC	DUKE ENERGY	100 S MILL CREEK RD NOBLESVILLE, IN 46062 CONTACT: DON MCDUFFY EMAIL: dei-dline-coord@duke-energy.com PHONE: 317-776-5320
FIBER OPTIC	DUKE ENERGY	139 E 4TH ST CINCINNATI, OH 45202 CONTACT: CHRIS GEE EMAIL: Chris.Gee@Duke-Energy.com PHONE: 513-675-2055
TELEPHONE	FRONTIER	8001 W JEFFERSON BLVD FORT WAYNE, IN 46804 CONTACT: ANDREW BOUSE EMAIL: andrew.I.bouse@ftr.com PHONE: 317-984-9010
SEWER, WATER	TOWN OF ATLANTA UTILITIES	105 E MAIN ST, P.O. BOX 133 ATLANTA, IN 46031 CONTACT: MURRY DIXON II EMAIL: mdixon@atlanta.in.gov PHONE: 317-645-3815

GENERAL NOTES

**	This set of Plans shall not be construed to be a property retracement survey. Where apparent property lines, corners, subdivision or section corner information are shown, they are based on physical evidence or testimony.
**	These plans show the location of the utilities as existing in the field by the respective utility companies; therefore, the firm of RQAW Corporation does not accept any responsibility for the accuracy of this information.
**	In accordance with Indiana Code 8-1, Chapter 26, the Contractor shall notify the Indiana Underground Plant Protection Service at 1-800-382-5544 at least two (2) full working days prior to any excavation or demolition.

** REPRESENTS GENERAL NOTES REQUIRED

REVISIONS

SHEET NO.	DATE	REVISED

INDEX

SHEET NO.	DESIGNATION
1	TITLE SHEET
2	INDEX AND GENERAL NOTES
3 - 6	TYPICAL CROSS SECTIONS
7 - 11	PLAT
12 - 15	DETOUR ROUTE
16 - 24	PLAN AND PROFILES
25 - 26	SUPERELEVATION DIAGRAMS
27 - 48	CONSTRUCTION DETAILS
49 - 54	INTERSECTION DETAILS
55 - 61	CULVERT DETAILS
62 - 88	EROSION CONTROL DETAILS
89 - 96	PAVEMENT MARKINGS AND SIGNING
97 - 108	TABLES
109 - 195	CROSS SECTIONS

CALL 811 OR 1-800-382-5544
24 HOURS A DAY,
SEVEN DAYS A WEEK

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

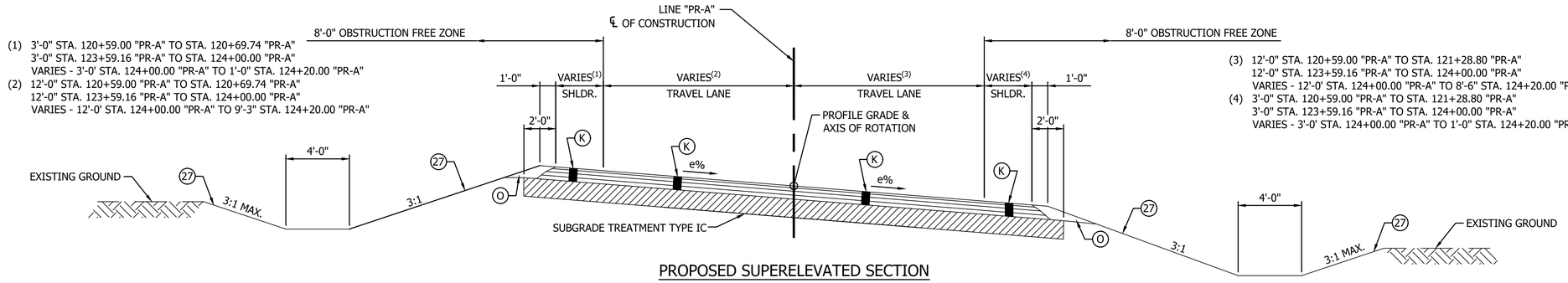
DESIGNED: YZ 5/19/2026
DRAWN: MRM 5/19/2026
CHECKED: RDS 5/19/2026
CHECKED: YZ 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

INDEX AND GENERAL NOTES

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	2 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 11:20 AM EDITED BY: JLUCERO DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\02 INDEX\RD-SHT-INDEX-281ST ST REHAB.DWG

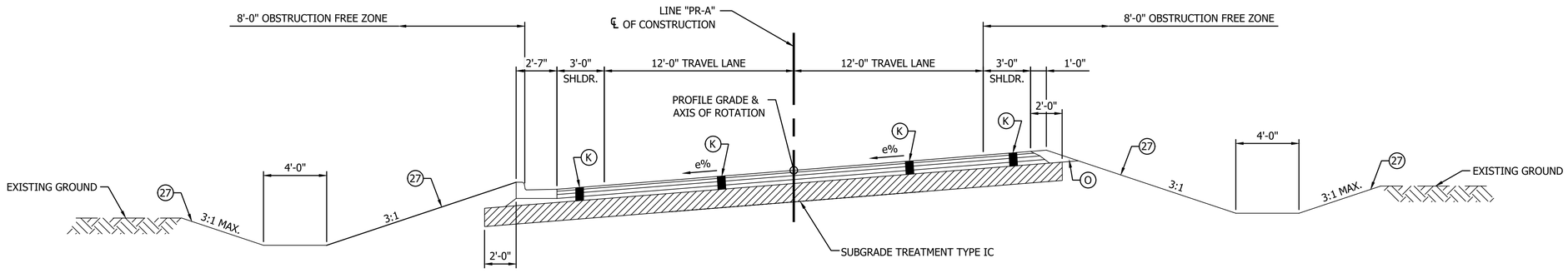


(1) 3'-0" STA. 120+59.00 "PR-A" TO STA. 120+69.74 "PR-A"
3'-0" STA. 123+59.16 "PR-A" TO STA. 124+00.00 "PR-A"
VARIES - 3'-0' STA. 124+00.00 "PR-A" TO 1'-0" STA. 124+20.00 "PR-A"
(2) 12'-0" STA. 120+59.00 "PR-A" TO STA. 120+69.74 "PR-A"
12'-0" STA. 123+59.16 "PR-A" TO STA. 124+00.00 "PR-A"
VARIES - 12'-0' STA. 124+00.00 "PR-A" TO 9'-3" STA. 124+20.00 "PR-A"

(3) 12'-0" STA. 120+59.00 "PR-A" TO STA. 121+28.80 "PR-A"
12'-0" STA. 123+59.16 "PR-A" TO STA. 124+00.00 "PR-A"
VARIES - 12'-0' STA. 124+00.00 "PR-A" TO 8'-6" STA. 124+20.00 "PR-A"
(4) 3'-0" STA. 120+59.00 "PR-A" TO STA. 121+28.80 "PR-A"
3'-0" STA. 123+59.16 "PR-A" TO STA. 124+00.00 "PR-A"
VARIES - 3'-0' STA. 124+00.00 "PR-A" TO 1'-0" STA. 124+20.00 "PR-A"

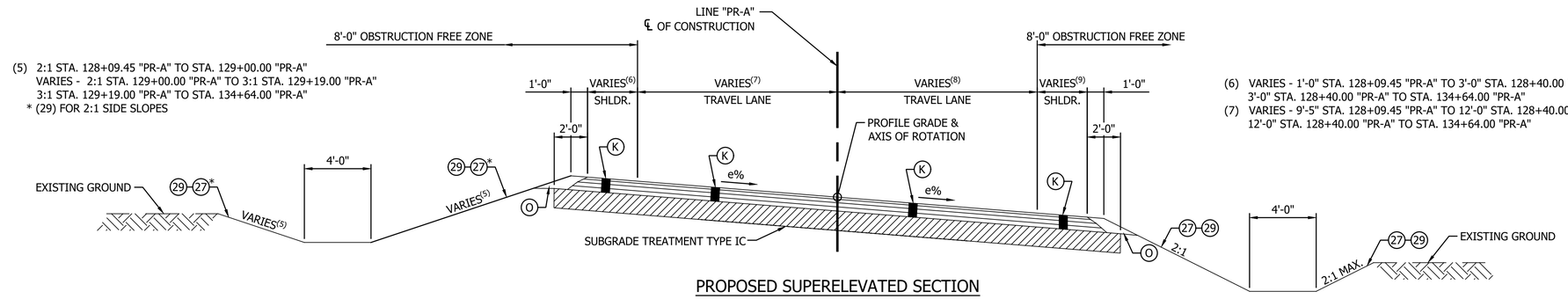
PROPOSED SUPERELEVATED SECTION

(CURVES TO THE RIGHT, REVERSE FOR CURVES TO THE LEFT)
STA. 120+89.00 TO STA. 120+69.74 "PR-A"
STA. 123+59.16 TO STA. 124+20.00 "PR-A"



PROPOSED SUPERELEVATED SECTION - CURBED

STA. 120+69.74 TO STA. 123+59.16 "PR-A"



(5) 2:1 STA. 128+09.45 "PR-A" TO STA. 129+00.00 "PR-A"
VARIES - 2:1 STA. 129+00.00 "PR-A" TO 3:1 STA. 129+19.00 "PR-A"
3:1 STA. 129+19.00 "PR-A" TO STA. 134+64.00 "PR-A"
* (29) FOR 2:1 SIDE SLOPES

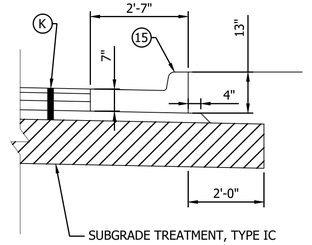
(6) VARIES - 1'-0" STA. 128+09.45 "PR-A" TO 3'-0" STA. 128+40.00 "PR-A"
3'-0" STA. 128+40.00 "PR-A" TO STA. 134+64.00 "PR-A"
(7) VARIES - 9'-5" STA. 128+09.45 "PR-A" TO 12'-0" STA. 128+40.00 "PR-A"
12'-0" STA. 128+40.00 "PR-A" TO STA. 134+64.00 "PR-A"
(8) VARIES - 8'-11' STA. 128+09.45 "PR-A" TO 12'-0" STA. 128+40.00 "PR-A"
12'-0" STA. 128+40.00 "PR-A" TO STA. 134+64.00 "PR-A"
(9) VARIES - 1'-0' STA. 128+09.45 "PR-A" TO 3'-0" STA. 128+40.00 "PR-A"
3'-0" STA. 128+40.00 "PR-A" TO STA. 134+64.00 "PR-A"

PROPOSED SUPERELEVATED SECTION

STA. 128+09.45 TO STA. 134+64.00 "PR-A"

LEGEND

- (K) Full Depth HMA Consisting of:
  165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on
  275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on
  330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (for constructability with curbs) on
  330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on
  Subgrade Treatment, Type IC
- (K1) HMA for Structure Installation, Type B Consisting of:
  440 LB/SYD HMA Intermediate, Type B, on
  660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on
  Subgrade Treatment, Type II
- (O) Compacted Aggregate, No. 53
- (R) HMA Milling & Overlay Consisting of:,
  Milling, Profile (up to 1 ½ in.)
  165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:,
  Milling, Profile (up to 2 ½ in.)
  165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on
  275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of:
  165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on
  Widening with HMA, Type B Consisting of:
  275 LB/SYD HMA Intermediate, Type B, on
  330 LB/SYD HMA Base, Type B, on
  330 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on
  Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- (27) Seeding Consisting of:,
  Seed Mixture, R
  Fertilizer
  Mulching Material
- (29) Erosion Control Blanket



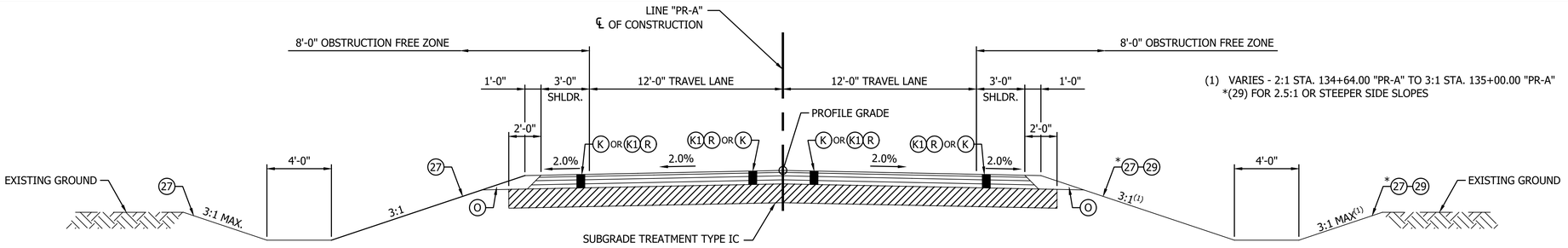
CONCRETE CURB AND GUTTER DETAIL

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

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION
DESIGNED: MJR 10/28/2025	DRAWN: MJR 10/28/2025		TYPICAL SECTIONS LINE "PR-A"
CHECKED: YZ 5/19/2026	CHECKED: YZ 5/19/2026		

HORIZONTAL SCALE	BRIDGE FILE
1" = 4'	
VERTICAL SCALE	DESIGNATION
NONE	2003031
	SHEET
	3 of 194
	CONTRACT
	R-43619

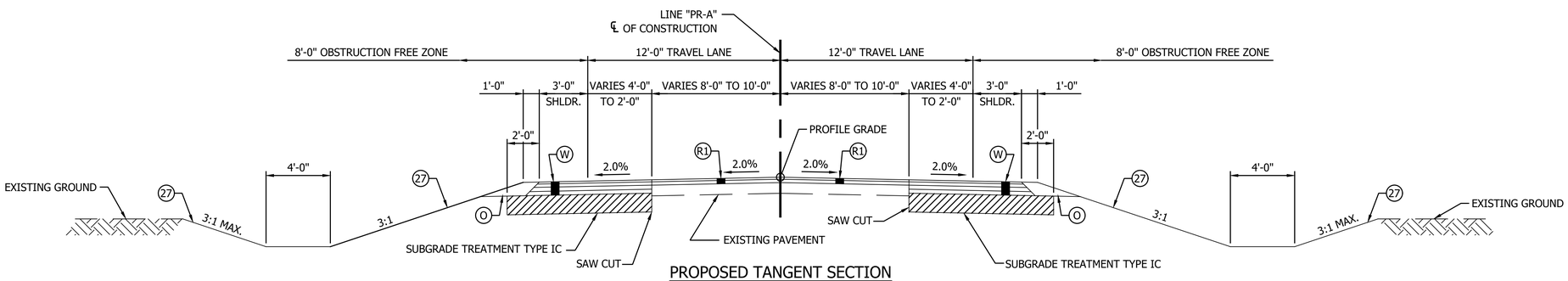
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PLOT SCALE: 1:1 EDIT DATE: 10/28/25 - 11:23 AM EDITED BY: MRODRIGUEZ DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\S ACAD\03 TYPICAL\RD-SHT-TYPICAL-281ST ST REHAB.DWG



PROPOSED TANGENT SECTION

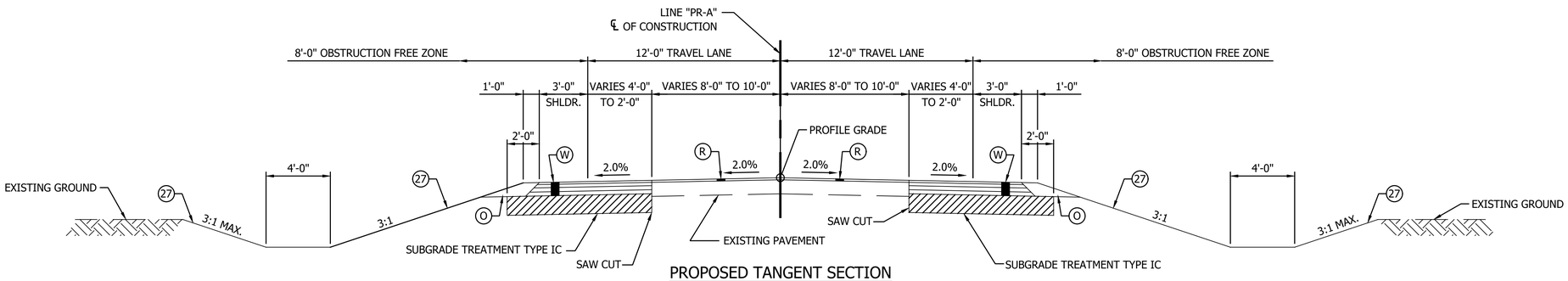
STA. 109+99.00 TO STA. 110+21.00 "PR-A"
STA. 120+30.00 TO STA. 120+89.00 "PR-A"
STA. 134+64.00 TO STA. 136+20.00 "PR-A"
STA. 143+68.00 TO STA. 143+90.00 "PR-A"
STA. 146+60.00 TO STA. 153+45.00 "PR-A"
STA. 155+70.00 TO STA. 161+20.00 "PR-A"
STA. 164+10.00 TO STA. 169+50.00 "PR-A"
STA. 188+20.00 TO STA. 190+30.00 "PR-A"
STA. 202+37.00 TO STA. 202+47.00 "PR-A"

(1) VARIES - 2:1 STA. 134+64.00 "PR-A" TO 3:1 STA. 135+00.00 "PR-A"
*(29) FOR 2.5:1 OR STEEPER SIDE SLOPES



PROPOSED TANGENT SECTION

STA. 102+95.00 TO STA. 103+90.00 "PR-A"
STA. 105+05.00 TO STA. 105+80.00 "PR-A"
STA. 106+90.00 TO STA. 108+15.00 "PR-A"
STA. 109+00.00 TO STA. 109+99.00 "PR-A"
STA. 115+80.00 TO STA. 118+45.00 "PR-A"
STA. 136+20.00 TO STA. 143+25.00 "PR-A"
STA. 161+20.00 TO STA. 164+10.00 "PR-A"
STA. 176+20.00 TO STA. 178+70.00 "PR-A"
STA. 180+45.00 TO STA. 183+20.00 "PR-A"
STA. 190+30.00 TO STA. 191+00.00 "PR-A"
STA. 193+25.00 TO STA. 196+00.00 "PR-A"
STA. 207+00.00 TO STA. 211+80.00 "PR-A"
STA. 214+00.00 TO STA. 217+50.00 "PR-A"
STA. 225+00.00 TO STA. 226+50.00 "PR-A"



PROPOSED TANGENT SECTION

STA. 103+90.00 TO STA. 105+05.00 "PR-A"
STA. 105+80.00 TO STA. 106+90.00 "PR-A"
STA. 108+15.00 TO STA. 109+00.00 "PR-A"
STA. 110+21.00 TO STA. 115+80.00 "PR-A"
STA. 118+45.00 TO STA. 120+30.00 "PR-A"
STA. 143+25.00 TO STA. 143+68.00 "PR-A"
STA. 143+90.00 TO STA. 146+60.00 "PR-A"
STA. 153+45.00 TO STA. 155+70.00 "PR-A"
STA. 169+50.00 TO STA. 176+20.00 "PR-A"
STA. 178+70.00 TO STA. 180+45.00 "PR-A"
STA. 183+20.00 TO STA. 188+20.00 "PR-A"
STA. 191+00.00 TO STA. 193+25.00 "PR-A"
STA. 196+00.00 TO STA. 202+37.00 "PR-A"
STA. 202+47.00 TO STA. 207+00.00 "PR-A"
STA. 211+80.00 TO STA. 214+00.00 "PR-A"
STA. 217+50.00 TO STA. 225+00.00 "PR-A"
STA. 226+50.00 TO STA. 227+45.00 "PR-A"

LEGEND

- (K) Full Depth HMA Consisting of:
  165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on
  275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on
  330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (for constructability with curbs) on
  330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on
  Subgrade Treatment, Type IC
- (K1) HMA for Structure Installation, Type B Consisting of:
  440 LB/SYD HMA Intermediate, Type B, on
  660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on
  Subgrade Treatment, Type II
- (O) Compacted Aggregate, No. 53
- (R) HMA Milling & Overlay Consisting of:,
  Milling, Profile (up to 1 ½ in.)
  165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:,
  Milling, Profile (up to 2 ½ in.)
  165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on
  275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of:
  165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on
  Widening with HMA, Type B Consisting of:
  275 LB/SYD HMA Intermediate, Type B, on
  330 LB/SYD HMA Base, Type B, on
  330 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on
  Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- (27) Seeding Consisting of:,
  Seed Mixture, R
  Fertilizer
  Mulching Material
- (29) Erosion Control Blanket

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

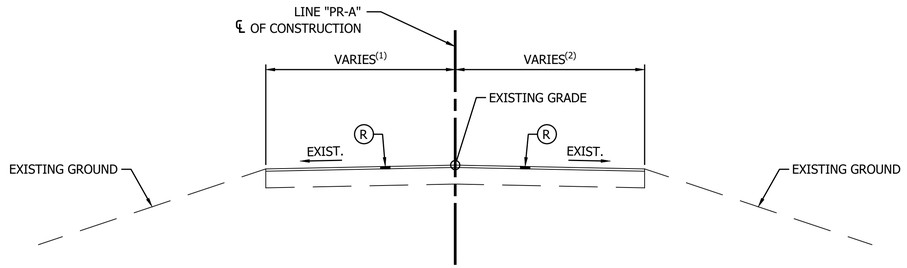
DESIGNED: MJR 10/28/2025
DRAWN: MJR 10/28/2025
CHECKED: YZ 5/19/2026
CHECKED: YZ 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 4'	
VERTICAL SCALE	DESIGNATION
NONE	2003031
	SHEET
	4 of 194
	CONTRACT
	R-43619

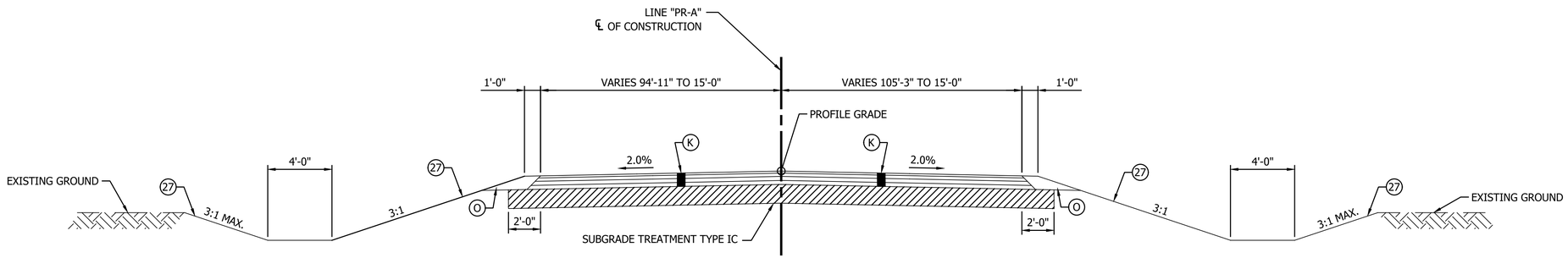
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PLOT SCALE: 1:1 EDIT DATE: 10/28/25 - 11:23 AM EDITED BY: MRODRIGUEZ DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\03 TYPICAL\RD-SHT-TYPICAL-281ST ST REHAB.DWG



PROPOSED TANGENT SECTION - INCIDENTAL

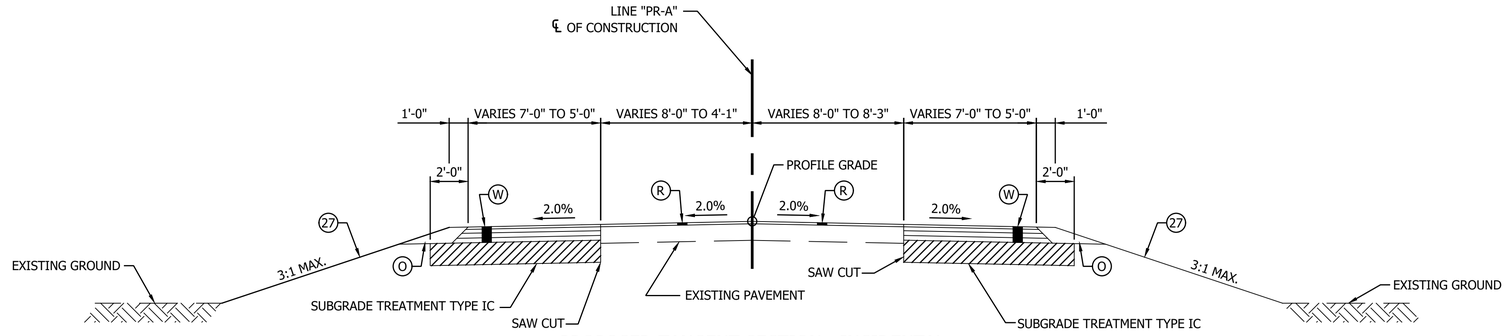
STA. 124+20.00 TO STA. 125+11.50 "PR-A"
STA. 127+14.50 TO STA. 128+09.45 "PR-A"

(1) VARIES - 10-3" STA. 124+20.00 "PR-A" TO 10'-5" STA. 125+11..50 "PR-A"
VARIES - 10'-10" STA. 127+14.50 "PR-A" TO 10'-5" STA. 128+09.45 "PR-A"
(2) VARIES - 9'-6" STA. 124+20.00 "PR-A" TO 10'-6" STA. 125+11.50 "PR-A"
VARIES - 10'-11" STA. 127+14.50 "PR-A" TO 9'-11" STA. 128+09.45 "PR-A"



PROPOSED TANGENT SECTION - INCIDENTAL

STA. 102+05.82 TO STA. 102+95.00 "PR-A"



PROPOSED TANGENT SECTION - INCIDENTAL

STA. 227+45.00 TO STA. 227+95.00 "PR-A"

LEGEND

- (K) Full Depth HMA Consisting of:
  165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on
  275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on
  330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (for constructability with curbs) on
  330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on
  Subgrade Treatment, Type IC
- (K1) HMA for Structure Installation, Type B Consisting of:
  440 LB/SYD HMA Intermediate, Type B, on
  660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on
  Subgrade Treatment, Type II
- (O) Compacted Aggregate, No. 53
- (R) HMA Milling & Overlay Consisting of:,
  Milling, Profile (up to 1 ½ in.)
  165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:,
  Milling, Profile (up to 2 ½ in.)
  165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on
  275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of:
  165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on
  Widening with HMA, Type B Consisting of:
  275 LB/SYD HMA Intermediate, Type B, on
  330 LB/SYD HMA Base, Type B, on
  330 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on
  Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- (27) Seeding Consisting of:,
  Seed Mixture, R
  Fertilizer
  Mulching Material
- (29) Erosion Control Blanket

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

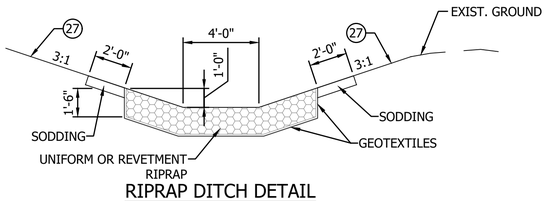
DESIGNED: MJR 10/28/2025
DRAWN: MJR 10/28/2025
CHECKED: YZ 5/19/2026
CHECKED: YZ 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

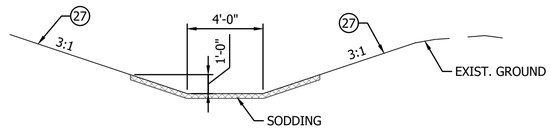
TYPICAL SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 4'	
VERTICAL SCALE	DESIGNATION
NONE	2003031
	SHEET
	3 of 194
	CONTRACT
	R-43619

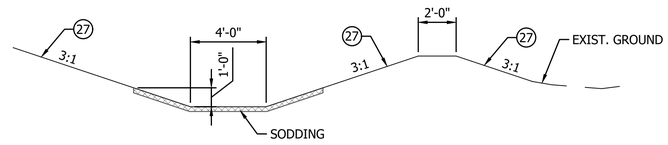
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PLOT SCALE: 1:1 EDIT DATE: 10/28/25 - 11:23 AM EDITED BY: MRODRIGUEZ DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\03 TYPICAL\RD-SHT-TYPICAL-281ST ST REHAB.DWG



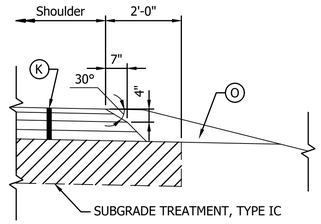
RIPRAP DITCH DETAIL
SCALE: 1/4" = 1'-0"



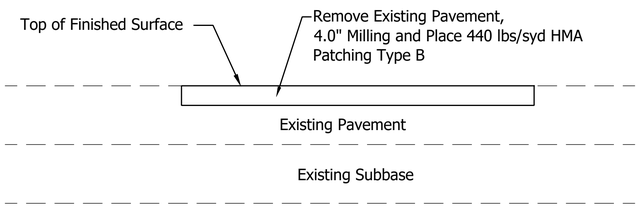
DITCH SODDING DETAIL
SCALE: 1/4" = 1'-0"



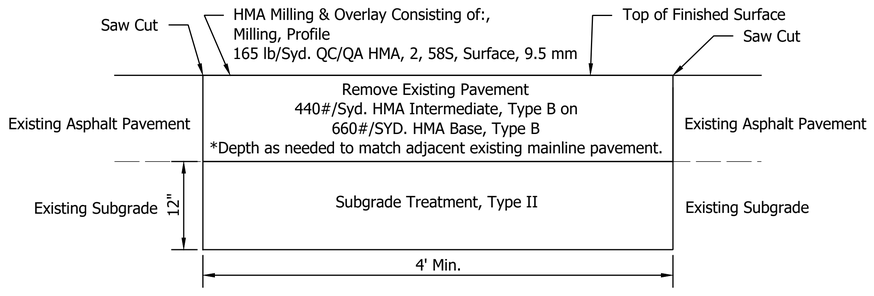
DITCH WITH BERM SODDING DETAIL
SCALE: 1/4" = 1'-0"



SAFETY EDGE DETAIL -
REQUIRED FOR HMA PAVEMENT
1" = 2'
NOTE: Safety Edge not required at locations of Guardrail



PARTIAL DEPTH PATCHING DETAIL FOR ASPHALT OR COMPOSITE
Patching shall be performed prior to milling.



Full Depth HMA Patching Detail In Asphalt Overlay Section
Patching shall be performed prior to milling.

LEGEND

- (K) Full Depth HMA Consisting of:
  165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on
  275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on
  330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (for constructability with curbs) on
  330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on
  Subgrade Treatment, Type IC
- (K1) HMA for Structure Installation, Type B Consisting of:
  440 LB/SYD HMA Intermediate, Type B, on
  660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on
  Subgrade Treatment, Type II
- (O) Compacted Aggregate, No. 53
- (R) HMA Milling & Overlay Consisting of:,
  Milling, Profile (up to 1 ½ in.)
  165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:,
  Milling, Profile (up to 2 ½ in.)
  165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on
  275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of:
  165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on
  Widening with HMA, Type B Consisting of:
  275 LB/SYD HMA Intermediate, Type B, on
  330 LB/SYD HMA Base, Type B, on
  330 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on
  Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- (27) Seeding Consisting of:,
  Seed Mixture, R
  Fertilizer
  Mulching Material
- (29) Erosion Control Blanket

Proposed HMA Patching Pavement Sections:

HMA Patching, Partial-Depth shall be performed prior to milling and shall be as follows:
HMA Patching, Partial-Depth, Type B consisting of:
440 #/Syd. HMA Intermediate, Type B, on
Milling, Asphalt, 4 in.

HMA Patching, Full-Depth shall be performed prior to milling and shall be as follows:
HMA Patching, Full-Depth, Type B consisting of:
440 #/Syd. HMA Intermediate, Type B, on
660 #/Syd. HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on
Subgrade Treatment, Type IC

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INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
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	CONTRACT
	R-43619

PRINT DATE: 5/19/2026
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100+00
105+00
110+00
115+00
120+00
125+00

30' Gas Line Easement in Favor of Indiana Gas Company INC.

¼ SECTION LINE

APP. EXIST. R/W & P.L.

SEC. 12, T20N, R4E
JACKSON TWP.
HAMILTON CO.

CURVE DATA
P.I. 101+69.57 Line "A"
Δ = 0°00'28"
(No Curve Run)

BOW & ARROW INVESTMENTS LLC

APP. P.L.

BOW & ARROW INVESTMENTS LLC

Gas Line Easement in Favor of Buckeye Pipe Line Co.

CICERO CREEK

P.T. 124+86.14 "A" =
P.T. 124+86.14 "PR-A"

TEMP R/W FOR GRADING AND DRVIES

TEMP R/W FOR DRIVES

P.I. 101+69.57 "A" =
P.I. 101+69.57 "PR-A"

¼ SECTION LINE

LINE "PR-A"
S89°45'41"E

APP. EXIST. R/W & P.L.

40' R/W

LINE "A"
S89°45'13"E

APP. EXIST. R/W & P.L.

50' R/W

50' R/W

Elisa D. Garcia

LINE "PR-A"
S89°45'13"E

40' R/W

TEMP R/W FOR GRADING

APP. P.L.

APP. P.L.

APP. P.L.

APP. P.L.

1

Eric Littrell

35' R/W

LINE "A"
LINE "PR-A"
N77°26'04"E N77°26'04"E

35' R/W

¼ SECTION LINE

Cicero

(Regul

40' R/W

P.I. 123+58.56 "A" =
P.I. 123+58.56 "PR-A"

TEMP R/W FOR GRADING

BEGIN CONSTRUCTION
P.O.T. 102+05.82 "A"=
P.O.T. 102+05.82 "PR-A"

Bryon L. &
Teena L. Windows

APP. P.L.

Ralph E. Waltz
1/3 Interest, ET AL

P.C. 122+29.90 "A" =
P.C. 122+29.90 "PR-A"

CURVE DATA
P.I. 123+58.56 Line "PR-A"
Δ = 12°48'42"
R = 1145.92'
T = 128.65'
L = 256.24'
E = 7.20'
Se = -2.94% LT
4.92% RT

MATCH LINE STA 127+00.00 LINE "PR-A"

¼ SECTION LINE

Caorlyn Jean Endicott
Rev. Trust

Caorlyn Jean Endicott
Rev. Trust

OWNER

1 TODD B. ELLIS & BARBARA B. ELLIS

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 1/5/26 - 3:01 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\04 PLAT 1\RD-SHT-PLAT 1.DWG

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

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INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT NO 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
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	CONTRACT
	R-43619

130+00
135+00
140+00
145+00
150+00
155+00

SECTION LINE

CURVE DATA
P.I. 131+26.32 Line "PR-A"
Δ = 13°15'54"
R = 1145.92'
T = 133.25'
L = 265.30'
E = 7.72'
Se = 7.20% LT
-7.20% RT

SEC. 7, T20N, R5E
JACKSON TWP.
HAMILTON CO.

Leroy W. Waltz & Esther J. Waltz

CURVE DATA
P.I. 140+22.82 Line "PR-A"
Δ = 0°35'53"
R = 9581.80'
T = 50.00'
L = 100.00'
E = 0.13'

CURVE DATA
P.I. 149+41.65 Line "PR-A"
Δ = 0°21'49" LT.
(No Curve Run)

¼ SECTION LINE

CURVE DATA
P.I. 149+41.65 Line "A"
Δ = 0°21'49" LT.
(No Curve Run)

Michael K. Henderson Farms, LLC

MATCH LINE STA 127+00.00 LINE "PR-A"

BOW & ARROW INVESTMENTS LLC

Cellular Tower & Utility Easement in Favor of American Towers, LLC

ALAN K. WALTZ

P.I. 131+26.32 "A" = P.I. 131+26.32 "PR-A"
P.T. 132+58.37 "A" = P.T. 132+58.37 "PR-A"
P.C. 139+72.82 "PR-A"
P.I. 140+22.82 "A" = P.I. 140+22.82 "PR-A"
P.T. 140+72.82 "PR-A"
P.I. 149+41.65 "A" = P.I. 149+41.65 "PR-A"

35' R/W
50' R/W
60' R/W
40' R/W
70' R/W
LINE "A" N77°26'04"E
LINE "PR-A" N77°26'04"E
LINE "PR-A" S89°18'02"E
LINE "A" S89°18'02"E
LINE "A" S89°53'54"E
LINE "PR-A" S89°53'54"E
LINE "A" N89°44'16"E
LINE "PR-A" N89°44'16"E

¼ SECTION LINE

P.C. 129+93.07 "A" = P.C. 129+93.07 "PR-A"

TEMP R/W FOR GRADING AND DRIVES

APP. P.L.

Louis Weihe & Stacey Anne Weihe

SUSAN ROY REVOCABLE LIVING TRUST

Alexander P. Gordon & Keely Gordon

Ralph E. Waltz 1/3 Interest, ET AL

Creek
ulated Drain)

SECTION LINE

NEMCO

MATCH LINE STA 157+00.00 LINE "PR-A"

RECOMMENDED FOR APPROVAL
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INDIANA DEPARTMENT OF TRANSPORTATION

PLAT NO 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	8 of 194
	CONTRACT
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160+00

165+00

170+00

175+00

180+00

185+00

Michael K. Henderson
Farms, LLC

Jack R. Mumbower &
Nancy L. Mumbower

Henderson Farms, LLC

Michael V. Nigro &
Janette E. Nigro

Jacob M. Henderson

APP. P.L.

APP. P.L.

SECTION LINE

APP. P.L.

APP. P.L.

CURVE DATA
P.I. 175+98.10 Line "A"
Δ = 0°12'25" RT.
(No Curve Run)

CURVE DATA
P.I. 175+98.10 Line "PR-A"
Δ = 0°12'25" RT.
(No Curve Run)

MATCH LINE STA 157+00.00 LINE "PR-A"

TEMP R/W
FOR DRIVES

40' R/W

¼ SECTION LINE

LINE "A"
N89°44'16"E

LINE "PR-A"
N89°44'16"E

TEMP R/W
FOR DRIVES

P.I. 175+98.10 "A" =
P.I. 175+98.10 "PR-A"

40' R/W

LINE "A"
N89°56'42"E

LINE "PR-A"
N89°56'42"E

¼ SECTION LINE

APP. EXIST. R/W & P.L.

APP. EXIST. R/W & P.L.

40' R/W

TEMP R/W
FOR DRIVES

40' R/W

MATCH LINE STA 187+00.00 LINE "PR-A"

APP. P.L.

NEMCO

SECTION LINE

SEC. 7, T20N, R5E
JACKSON TWP.
HAMILTON CO.

NEMCO

SEC. 8, T20N, R5E
JACKSON TWP.
HAMILTON CO.

NEMCO

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER DATE

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INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT NO 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	9 of 194
	CONTRACT
	R-43619

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190+00

195+00

200+00

205+00

210+00

215+00

APP. P.L.

Jacob M. Henderson

Beverly S. Carter

¼ SECTION LINE

Beverly S. Carter

MATCH LINE STA 187+00.00 LINE "PR-A"

Alvin E. Crail & Linda K. Crail

TEMP R/W FOR GRADING AND DRIVES

40' R/W

40' R/W

40' R/W

40' R/W

APP. EXIST. R/W & P.L.

APP. EXIST. R/W & P.L.

¼ SECTION LINE

LINE "A" N89°56'42"E

LINE "PR-A" N89°56'42"E

¼ SECTION LINE

APP. EXIST. R/W & P.L.

APP. EXIST. R/W & P.L.

APP. EXIST. R/W & P.L.

40' R/W

40' R/W

60' R/W

MATCH LINE STA 217+00.00 LINE "PR-A"

APP. P.L.

APP. P.L.

APP. P.L.

NEMCO

Gene Rulon

SEC. 8, T20N, R5E
JACKSON TWP.
HAMILTON CO.

J & C Rulon Farms LLC

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INDIANA
DEPARTMENT OF TRANSPORTATION

PLAT NO 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
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	CONTRACT
	R-43619

220+00

225+00

230+00

SECTION LINE

SEC. 8, T20N, R5E
JACKSON TWP.
HAMILTON CO.

Beverly S. Carter

SEC. 9, T20N, R5E
JACKSON TWP.
HAMILTON CO.

CURVE DATA
P.I. 228+93.27 Line "A"
Δ = 0°42'29"
(No Curve Run)

P.I. 228+93.27 "A" =
P.I. 228+93.27 "PR-A"

MATCH LINE STA 217+00.00 LINE "PR-A"

TEMP R/W FOR
GRADING AND DRIVES

40' R/W

50' R/W

40' R/W

¼ SECTION LINE

LINE "A"
N89°56'42"E

LINE "PR-A"
N89°56'42"E

APP. EXIST. R/W & P.L.

LINE "PR-A"
N89°14'13"E

¼ SECTION LINE

APP. EXIST. R/W & P.L.

55' R/W

60' R/W

60' R/W

40' R/W

TEMP R/W FOR
GRADING AND DRIVES

END INCIDENTAL CONSTRUCTION
P.O.T. 227+95.00 "A"=
P.O.T. 227+95.00 "PR-A"

APP. P.L.

END CONSTRUCTION
P.O.T. 227+45.00 "A"=
P.O.T. 227+45.00 "PR-A"

SECTION LINE

J & C Rulon
Farms LLC

Rulon Enterprises LLC

J & C Rulon
Farms LLC

APP. P.L.

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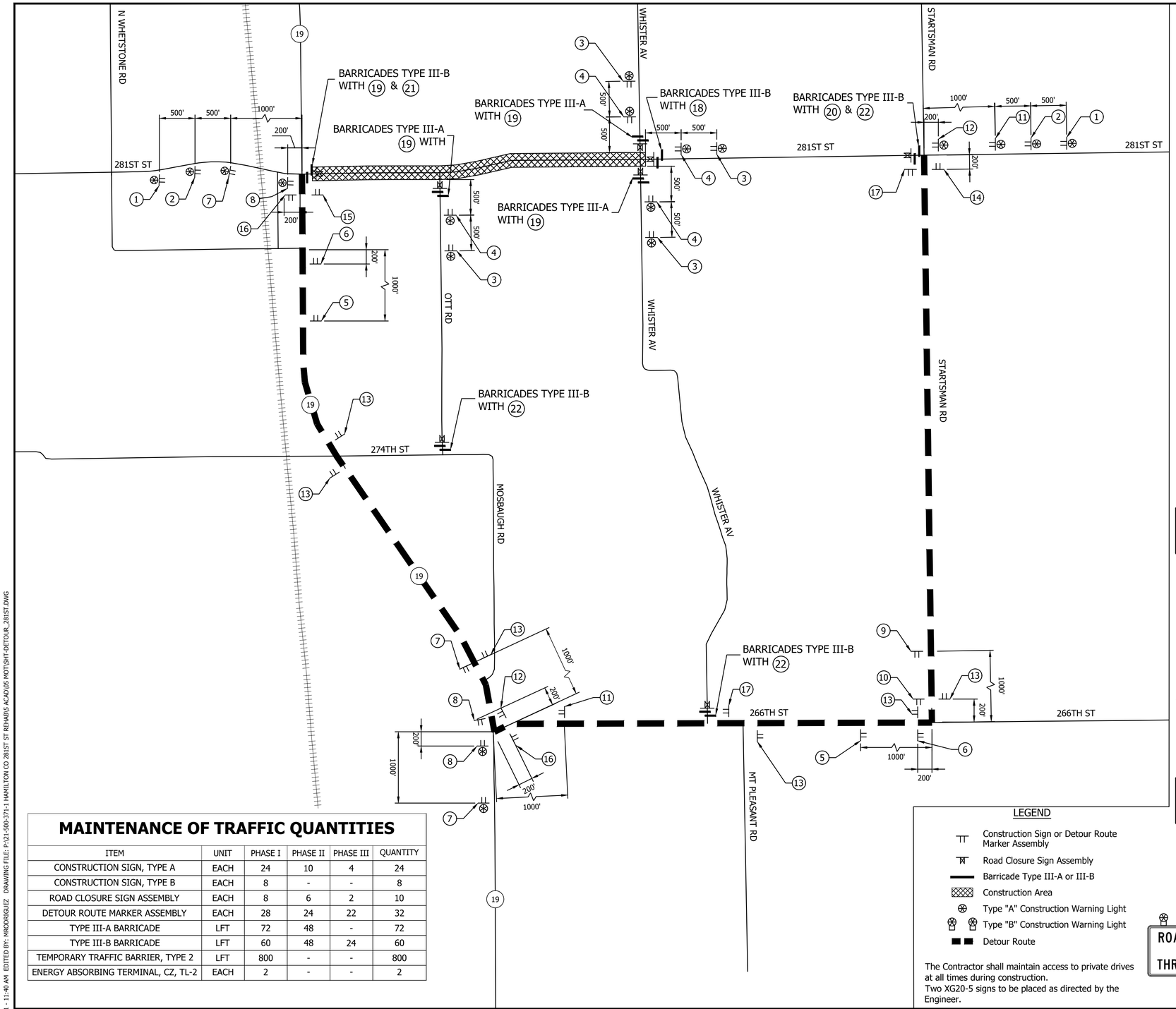
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1" = 100'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
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MAINTENANCE OF TRAFFIC QUANTITIES

ITEM	UNIT	PHASE I	PHASE II	PHASE III	QUANTITY
CONSTRUCTION SIGN, TYPE A	EACH	24	10	4	24
CONSTRUCTION SIGN, TYPE B	EACH	8	-	-	8
ROAD CLOSURE SIGN ASSEMBLY	EACH	8	6	2	10
DETOUR ROUTE MARKER ASSEMBLY	EACH	28	24	22	32
TYPE III-A BARRICADE	LFT	72	48	-	72
TYPE III-B BARRICADE	LFT	60	48	24	60
TEMPORARY TRAFFIC BARRIER, TYPE 2	LFT	800	-	-	800
ENERGY ABSORBING TERMINAL, CZ, TL-2	EACH	2	-	-	2

LEGEND

- Construction Sign or Detour Route Marker Assembly
- Road Closure Sign Assembly
- Barricade Type III-A or III-B
- Construction Area
- Type "A" Construction Warning Light
- Type "B" Construction Warning Light
- Detour Route

The Contractor shall maintain access to private drives at all times during construction.
Two XG20-5 signs to be placed as directed by the Engineer.

1 — ROAD CLOSED AHEAD — XW20-3 (36"x36")
2 — DETOUR AHEAD — XW20-2 (36"x36")
3 — ROAD CLOSED 1000 FEET — XW20-3-A (36"x36")
4 — ROAD CLOSED 500 FEET — XW20-3-A (36"x36")

5 — RMA-1: DETOUR XM4-8 (24"x12"); 28I ST STREET M1-6-1; M5-1(L) (21"x15")
6 — RMA-2: DETOUR XM4-8 (24"x12"); 28I ST STREET M1-6-1; M6-1(L) (21"x15")
7 — RMA-3: DETOUR XM4-8 (24"x12"); EAST M3-2 (24"x12"); 28I ST STREET M1-6-1; M5-1(R) (21"x15")
8 — RMA-4: DETOUR XM4-8 (24"x12"); EAST M3-2 (24"x12"); 28I ST STREET M1-6-1; M6-1(R) (21"x15")
9 — RMA-5: DETOUR XM4-8 (24"x12"); 28I ST STREET M1-6-1; M5-1(R) (21"x15")
10 — RMA-6: DETOUR XM4-8 (24"x12"); 28I ST STREET M1-6-1; M6-1(R) (21"x15")
11 — RMA-7: DETOUR XM4-8 (24"x12"); WEST M3-4 (24"x12"); 28I ST STREET M1-6-1; M5-1(L) (21"x15")
12 — RMA-8: DETOUR XM4-8 (24"x12"); WEST M3-4 (24"x12"); 28I ST STREET M1-6-1; M6-1(L) (21"x15")
13 — RMA-9: DETOUR XM4-8 (24"x12"); 28I ST STREET M1-6-1; M6-3 (21"x15")
14 — RMA-10A: END XM4-6 (24"x12"); DETOUR XM4-8 (24"x12"); 28I ST STREET M1-6-1; M6-1(R) (21"x15")
15 — RMA-10B: END XM4-6 (24"x12"); DETOUR XM4-8 (24"x12"); 28I ST STREET M1-6-1; M6-1(L) (21"x15")
16 — RMA-11: DETOUR XM4-8 (24"x12"); EAST M3-2 (24"x12"); 28I ST STREET M1-6-1; M6-3 (21"x15")
17 — RMA-12: DETOUR XM4-8 (24"x12"); WEST M3-4 (24"x12"); 28I ST STREET M1-6-1; M6-3 (21"x15")
18 — ROAD CLOSED TO THRU TRAFFIC — R11-4 (60"x30")
19 — ROAD CLOSED — R11-2 (48"x30")
20 — DETOUR — XM4-10(L) (48"x18")
21 — DETOUR — XM4-10(R) (48"x18")
22 — ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY — R11-3 (60"x30")

RECOMMENDED FOR APPROVAL
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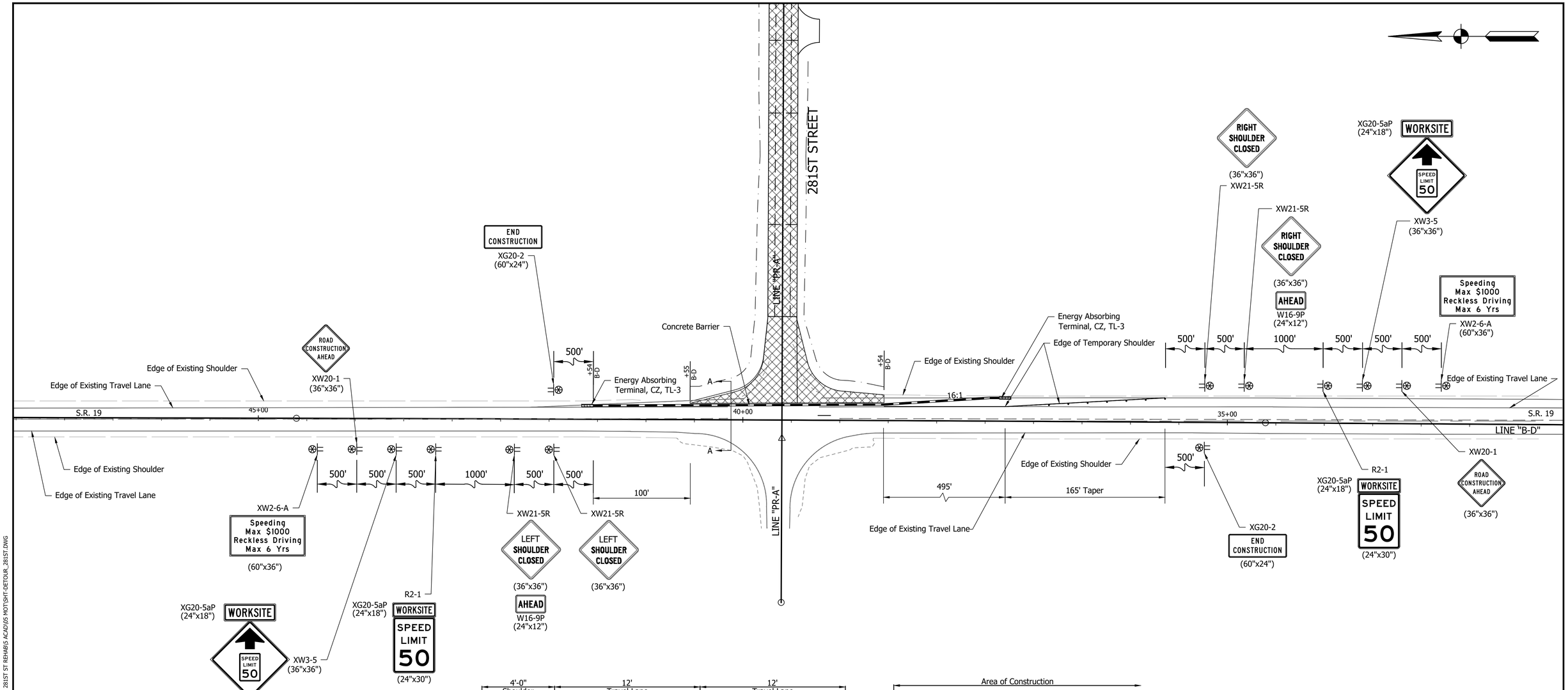
DESIGNED: MJR 10/28/2025 DRAWN: MJR 10/28/2025
CHECKED: YZ 5/19/2026 CHECKED: YZ 5/19/2026

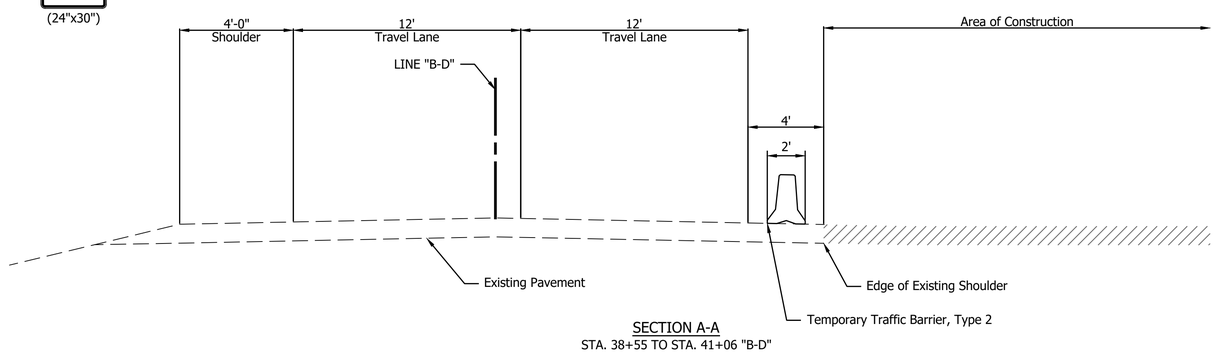
INDIANA DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
281st STREET - PHASE I

HORIZONTAL SCALE	BRIDGE FILE
1" = 750'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	12 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 11:40 AM EDITED BY: MRODRIGUEZ DRAWING FILE: P:\21-500-37\1-1 HAMILTON CO 281ST ST REHAB\5 ACAD\05 MOT\SHT-DETOUR_281ST.DWG





SECTION A-A
STA. 38+55 TO STA. 41+06 "B-D"

CONSTRUCTION ZONE DESIGN SPEED = 50 MPH
POSTED CONSTRUCTION ZONE SPEED = 50 MPH

LEGEND

- Construction Sign or Detour Route Marker Assembly
- Road Closure Sign Assembly
- Barricade Type III-A or III-B
- Construction Area
- Type "A" Construction Warning Light
- Type "B" Construction Warning Light
- Detour Route
- Barrels

The Contractor shall maintain access to private drives at all times during construction.
Two XG20-5 signs to be placed as directed by the Engineer.

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

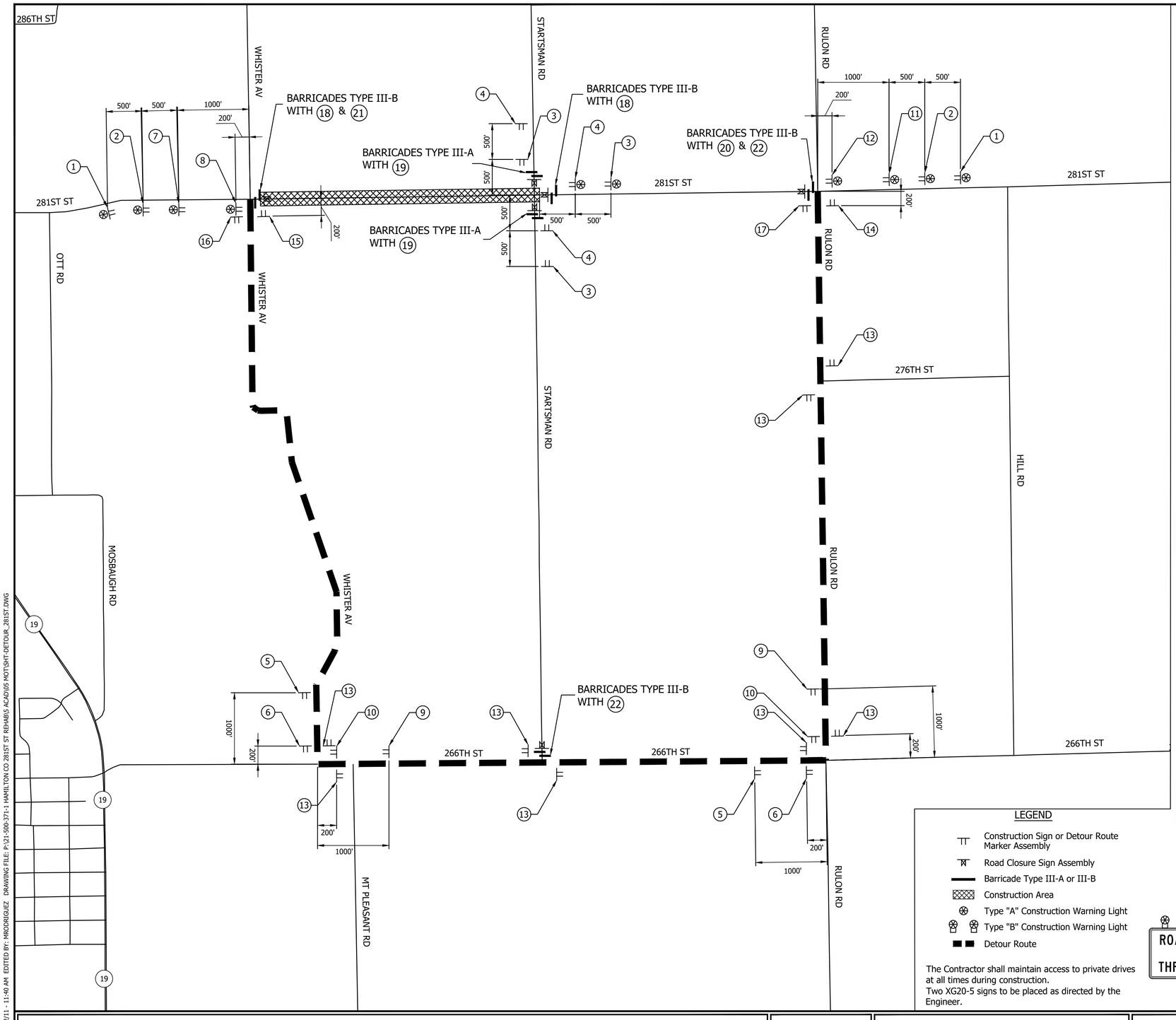
DESIGNED: MJR 10/28/2025 DRAWN: MJR 10/28/2025
CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

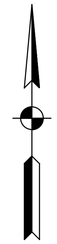
INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
281st STREET - PHASE I

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	13 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 11:40 AM EDITED BY: MRODRIGUEZ DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\05 MOT\SHT-DETOUR_281ST.DWG





1 — ROAD CLOSED AHEAD — XW20-3 (36"x36")

2 — DETOUR AHEAD — XW20-2 (36"x36")

3 — ROAD CLOSED 1000 FEET — XW20-3-A (36"x36")

4 — ROAD CLOSED 500 FEET — XW20-3-A (36"x36")

5 — RMA-1
- DETOUR XM4-8 (24"x12")
- 281 ST STREET M1-6-1
- M5-1(L) (21"x15")

6 — RMA-2
- DETOUR XM4-8 (24"x12")
- 281 ST STREET M1-6-1
- M6-1(L) (21"x15")

7 — RMA-3
- DETOUR XM4-8 (24"x12")
- EAST M3-2 (24"x12")
- 281 ST STREET M1-6-1
- M5-1(R) (21"x15")

8 — RMA-4
- DETOUR XM4-8 (24"x12")
- EAST M3-2 (24"x12")
- 281 ST STREET M1-6-1
- M6-1(R) (21"x15")

9 — RMA-5
- DETOUR XM4-8 (24"x12")
- 281 ST STREET M1-6-1
- M5-1(R) (21"x15")

10 — RMA-6
- DETOUR XM4-8 (24"x12")
- 281 ST STREET M1-6-1
- M6-1(R) (21"x15")

11 — RMA-7
- DETOUR XM4-8 (24"x12")
- WEST M3-4 (24"x12")
- 281 ST STREET M1-6-1
- M5-1(L) (21"x15")

12 — RMA-8
- DETOUR XM4-8 (24"x12")
- WEST M3-4 (24"x12")
- 281 ST STREET M1-6-1
- M6-1(L) (21"x15")

13 — RMA-9
- DETOUR XM4-8 (24"x12")
- 281 ST STREET M1-6-1
- M6-3 (21"x15")

14 — RMA-10A
- END XM4-6 (24"x12")
- DETOUR XM4-8 (24"x12")
- 281 ST STREET M1-6-1
- M6-1(R) (21"x15")

15 — RMA-10B
- END XM4-6 (24"x12")
- DETOUR XM4-8 (24"x12")
- 281 ST STREET M1-6-1
- M6-1(L) (21"x15")

16 — RMA-11
- DETOUR XM4-8 (24"x12")
- EAST M3-2 (24"x12")
- 281 ST STREET M1-6-1
- M6-3 (21"x15")

17 — RMA-12
- DETOUR XM4-8 (24"x12")
- WEST M3-4 (24"x12")
- 281 ST STREET M1-6-1
- M6-3 (21"x15")

19 — ROAD CLOSED — R11-2 (48"x30")

18 — ROAD CLOSED TO THRU TRAFFIC — R11-4 (60"x30")

20 — DETOUR — XM4-10(L) (48"x18")

21 — DETOUR — XM4-10(R) (48"x18")

22 — ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY — R11-3 (60"x30")

LEGEND

- Construction Sign or Detour Route Marker Assembly
- Road Closure Sign Assembly
- Barricade Type III-A or III-B
- Construction Area
- Type "A" Construction Warning Light
- Type "B" Construction Warning Light
- Detour Route

The Contractor shall maintain access to private drives at all times during construction.
Two XG20-5 signs to be placed as directed by the Engineer.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: MJR 10/28/2025 DRAWN: MJR 10/28/2025

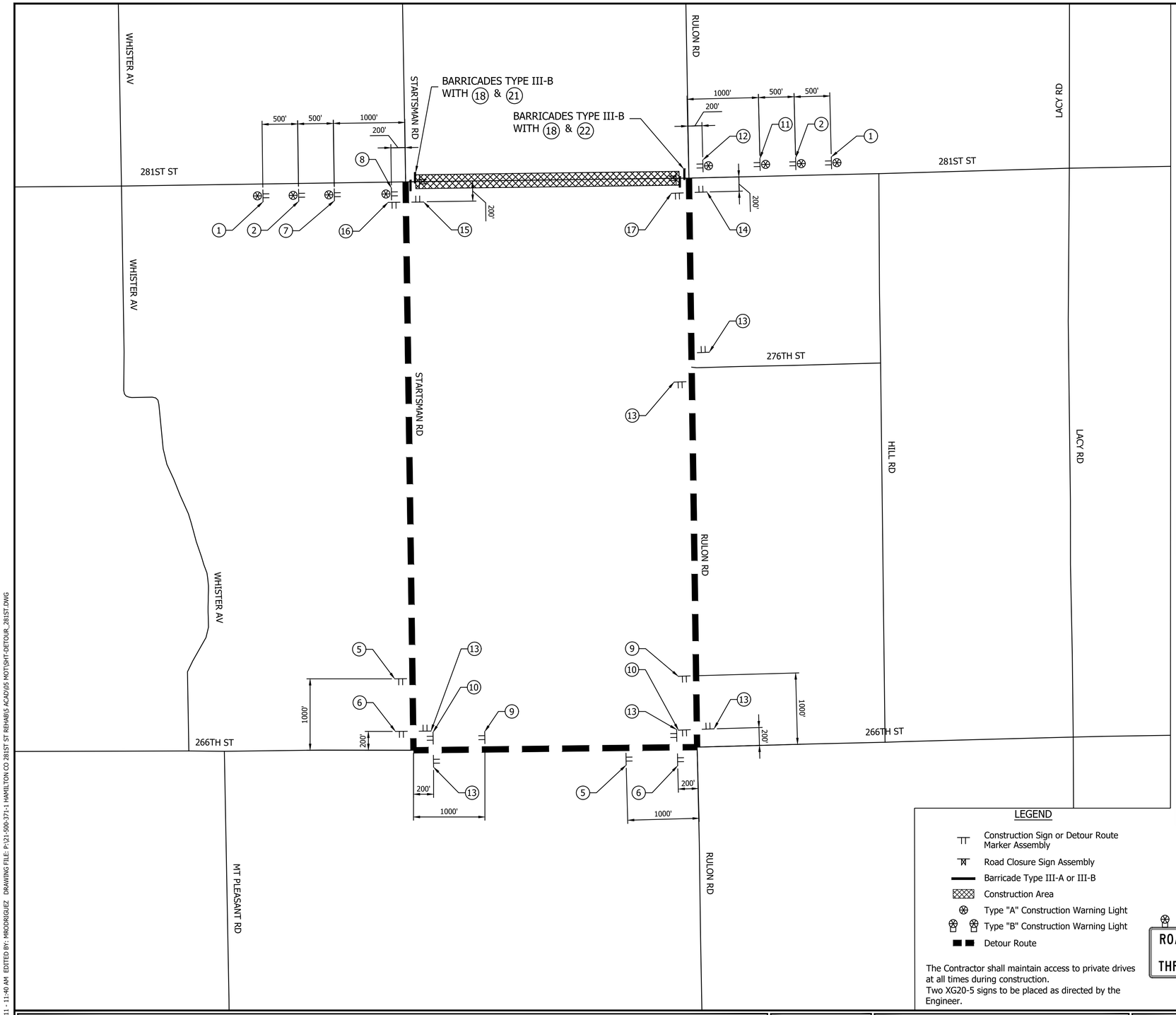
CHECKED: YZ 5/19/2026 CHECKED: YZ 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
281st STREET - PHASE II

HORIZONTAL SCALE	BRIDGE FILE
1" = 750'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET 14 of 194
	CONTRACT R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 11:40 AM EDITED BY: MRODRIGUEZ DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\S ACAD\S MOT\SHT-DETOUR_281ST.DWG





1 — ROAD CLOSED AHEAD — XW20-3 (36"x36")

2 — DETOUR AHEAD — XW20-2 (36"x36")

3 — ROAD CLOSED 1000 FEET — XW20-3-A (36"x36")

4 — ROAD CLOSED 500 FEET — XW20-3-A (36"x36")

	5	6	7	8
	RMA-1	RMA-2	RMA-3	RMA-4
	DETOUR XM4-8 (24"x12")	DETOUR XM4-8 (24"x12")	DETOUR XM4-8 (24"x12")	DETOUR XM4-8 (24"x12")
	28I ST STREET M1-6-1	28I ST STREET M1-6-1	EAST M3-2 (24"x12")	EAST M3-2 (24"x12")
	M5-1(L) (21"x15")	M6-1(L) (21"x15")	28I ST STREET M1-6-1	28I ST STREET M1-6-1
			M5-1(R) (21"x15")	M6-1(R) (21"x15")

	9	10	11	12	13
	RMA-5	RMA-6	RMA-7	RMA-8	RMA-9
	DETOUR XM4-8 (24"x12")	DETOUR XM4-8 (24"x12")	DETOUR XM4-8 (24"x12")	DETOUR XM4-8 (24"x12")	DETOUR XM4-8 (24"x12")
	28I ST STREET M1-6-1	28I ST STREET M1-6-1	WEST M3-4 (24"x12")	WEST M3-4 (24"x12")	28I ST STREET M1-6-1
	M5-1(R) (21"x15")	M6-1(R) (21"x15")	28I ST STREET M1-6-1	28I ST STREET M1-6-1	M6-3 (21"x15")
			M5-1(L) (21"x15")	M6-1(L) (21"x15")	

	14	15	16	17	19
	RMA-10A	RMA-10B	RMA-11	RMA-12	
	END XM4-6 (24"x12")	END XM4-6 (24"x12")	DETOUR XM4-8 (24"x12")	DETOUR XM4-8 (24"x12")	ROAD CLOSED R11-2 (48"x30")
	DETOUR XM4-8 (24"x12")	DETOUR XM4-8 (24"x12")	EAST M3-2 (24"x12")	WEST M3-4 (24"x12")	
	28I ST STREET M1-6-1	28I ST STREET M1-6-1	28I ST STREET M1-6-1	28I ST STREET M1-6-1	
	M6-1(R) (21"x15")	M6-1(L) (21"x15")	M6-3 (21"x15")	M6-3 (21"x15")	

18	20	21	22
ROAD CLOSED TO THRU TRAFFIC R11-4 (60"x30")	DETOUR XM4-10(L) (48"x18")	DETOUR XM4-10(R) (48"x18")	ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY R11-3 (60"x30")

LEGEND

- Construction Sign or Detour Route Marker Assembly
- Road Closure Sign Assembly
- Barricade Type III-A or III-B
- Construction Area
- Type "A" Construction Warning Light
- Type "B" Construction Warning Light
- Detour Route

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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: MJR 10/28/2025 DRAWN: MJR 10/28/2025

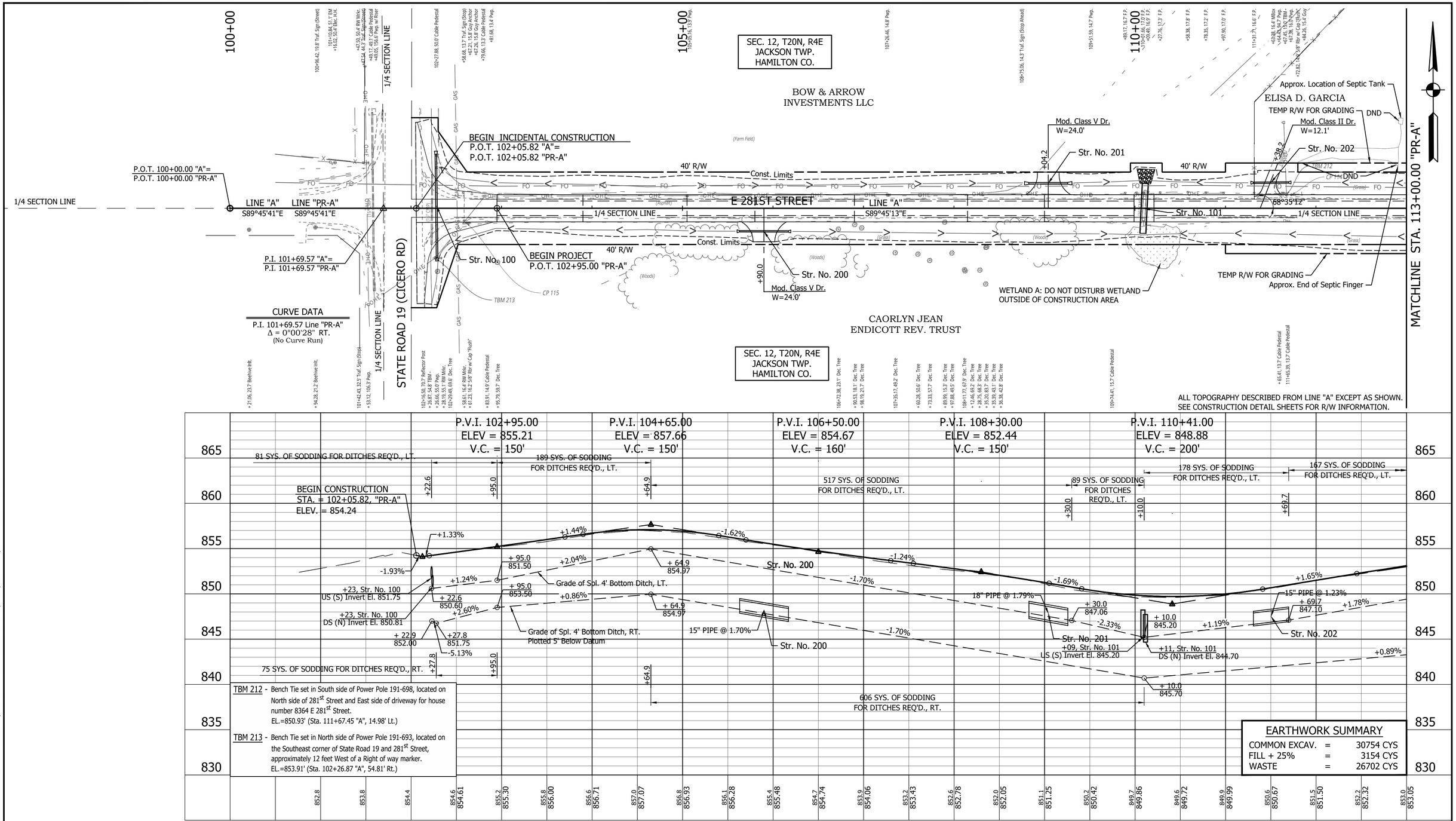
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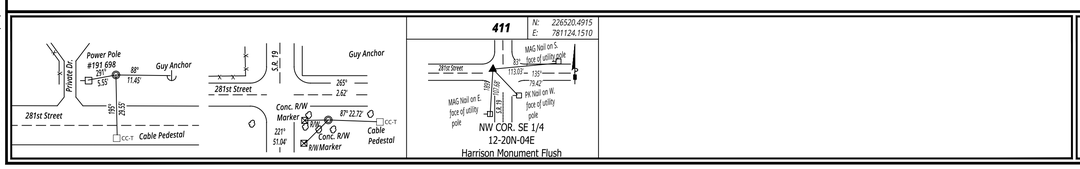
INDIANA
DEPARTMENT OF TRANSPORTATION

TRAFFIC MAINTENANCE DETAILS
281st STREET - PHASE III

HORIZONTAL SCALE	BRIDGE FILE
1"= 750'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	15 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 11:40 AM EDITED BY: MRODRIGUEZ DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\05 MOT\SHT-DETOUR_281ST.DWG





RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: YZ 5/19/2026 DRAWN: YZ 5/19/2026

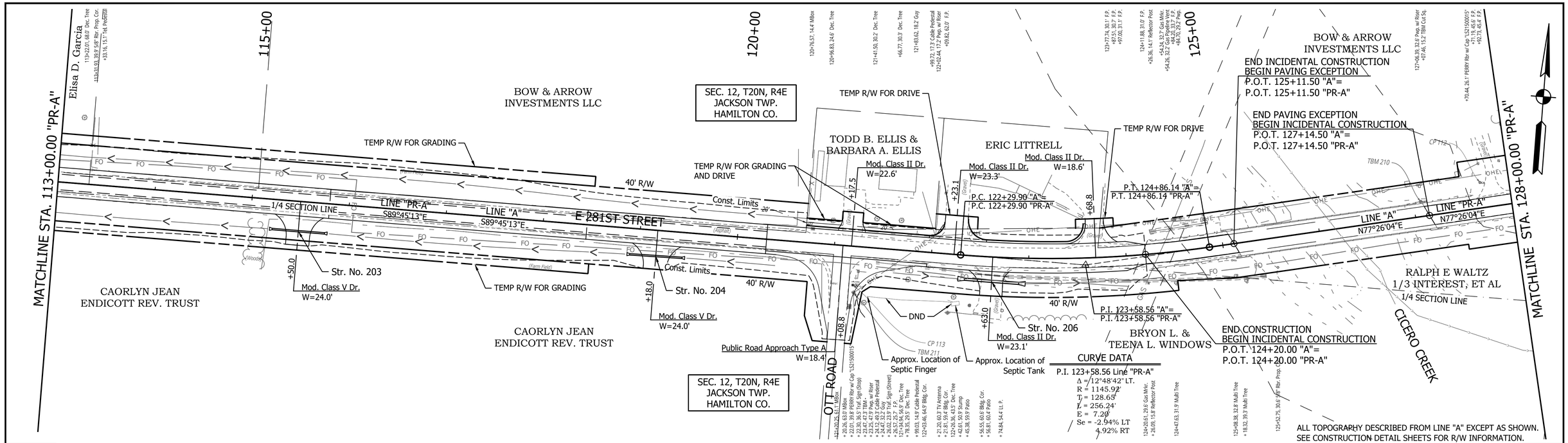
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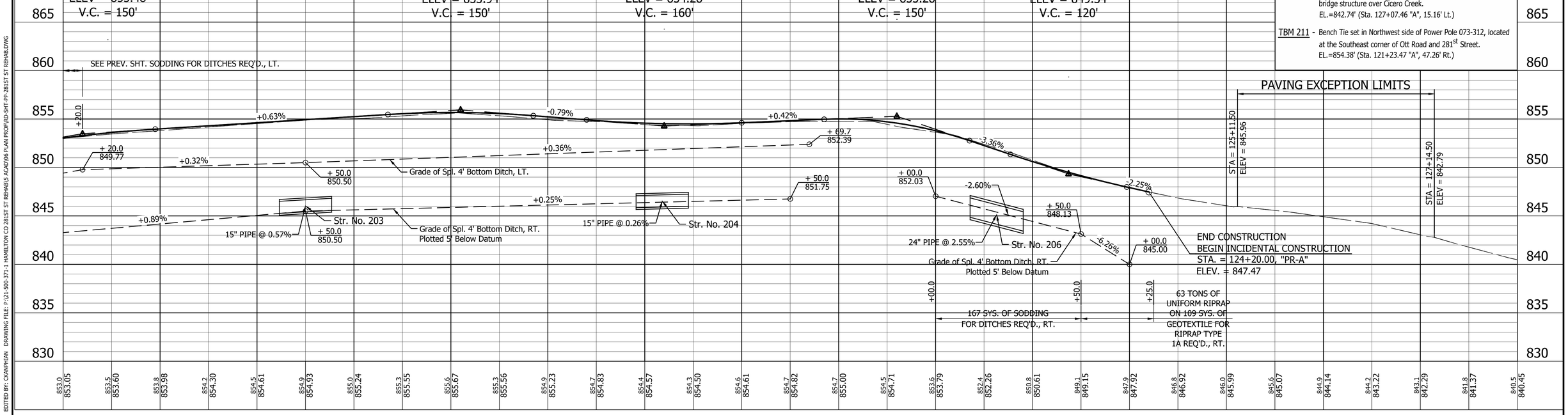
INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
STA. 100+00.00 TO 113+00.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	16 of 194
	CONTRACT
	R-43619

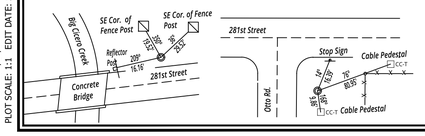
PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\S ACAD\06 PLAN PROF\RD-SHT-PP-281ST ST REHAB.DWG





TBM 210 - Cut Square set on top of concrete wall on the North side of bridge structure at the North end of the East abutment of bridge structure over Cicero Creek.
EL.=842.74' (Sta. 127+07.46 "A", 15.16' Lt.)

TBM 211 - Bench Tie set in Northwest side of Power Pole 073-312, located at the Southeast corner of Ott Road and 281st Street.
EL.=854.38' (Sta. 121+23.47 "A", 47.26' Rt.)



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: YZ 5/19/2026 DRAWN: YZ 5/19/2026

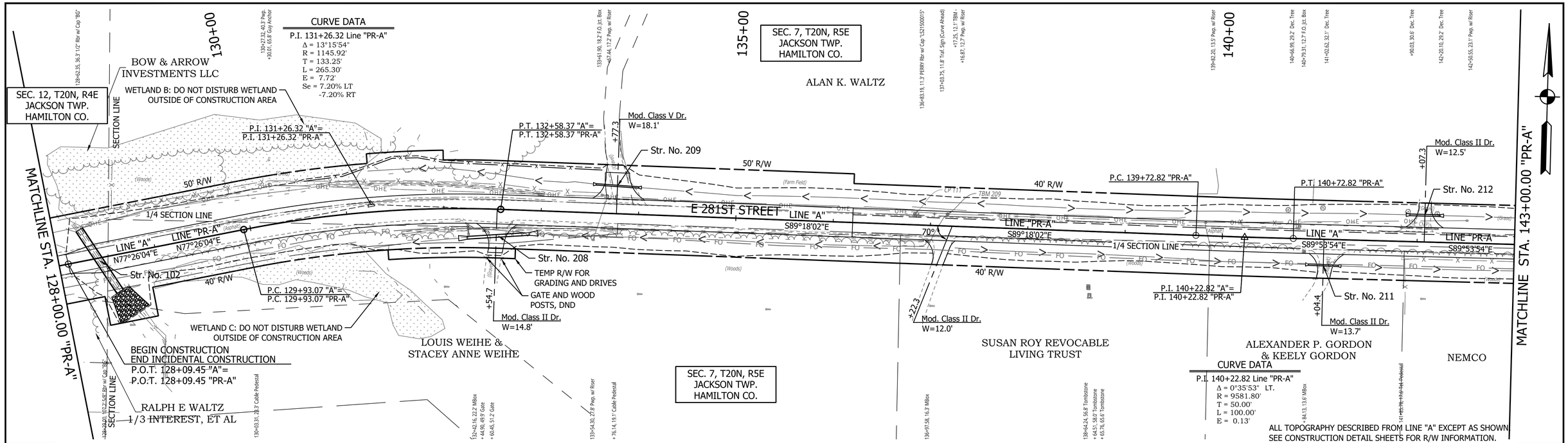
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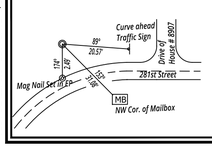
INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
STA. 113+00.00 TO 128+00.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET 17 of 194
	CONTRACT R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\06 PLAN PROF\RD-SHT-PP-281ST ST REHAB.DWG





RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: YZ 5/19/2026 DRAWN: YZ 5/19/2026

CHECKED: RDS 5/19/2026 CHECKED: MRM 5/19/2026

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
STA. 128+00.00 TO 143+00.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	18 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\06 PLAN PROF\RD-SHT-PP-281ST ST REHAB.DWG

MATCHLINE STA. 143+00.00 "PR-A"

MATCHLINE STA. 158+00.00 "PR-A"

143+09.84, 52.8' San. CO

145+00

146+08.00, 14.8' TBM - +08.02, 14.9' Pwp.

149+20.98, 21.8' Traf. Sign (Street) +26.29, 35.2' Traf. Sign (Stop) +27.84, 51.0' +/- Bldg

150+00

150+42.38, 13.1' PBRRY Rbr w/ Cap "LS21500015"

+85.78, 16.3' Guy

+56.42, 18.8' Pwp.

+58.46, 17.2' F.P.

155+00

143+27.26, 16.2' Tel. Pedestal

146+08.07, 13.0' PBRRY Rbr w/ Cap "LS21500015"

149+23.64, 39.1' F.P.

+23.78, 39.3' F.P.

+24.10, 39.6' F.P.

+53.55, 43.8' Traf. Sign (Stop)

+57.14, 25.4' Traf. Sign (Street)

157+10.43, 17.0' F.P.

SEC. 7, T20N, R5E
JACKSON TWP.
HAMILTON CO.

SEC. 7, T20N, R5E
JACKSON TWP.
HAMILTON CO.

LEROY W. WALTZ &
ESTHER J. WALTZ

MICHAEL K.
HENDERSON FARMS,
LLC

NEMCO

NEMCO

NEMCO

N WHISTLER RD

1/4 SECTION LINE

CROOKED CREEK RD

1/4 SECTION LINE

E 281ST STREET

Public Road Approach Type A
W=20.0'

Public Road Approach Type A
W=20.0'

+40.7

+42.0

Str. No. 213

Str. No. 214

Str. No. 215

Str. No. 216

Str. No. 103

Str. No. 212A

CP 109

CP 110

TBM 208

40' R/W

40' R/W

40' R/W

40' R/W

LINE "PR-A"
S89°53'54"E

LINE "A"
S89°53'54"E

LINE "A"
N89°44'16"E

LINE "PR-A"
N89°44'16"E

P.I. 149+41.65 "A"=
P.I. 149+41.65 "PR-A"

+12.0

Mod. Class V Dr.
W=24.0'

+29.3

Mod. Class V Dr.
W=20.0'

+29.3

Mod. Class V Dr.
W=17.3'

TEMP R/W FOR DRIVES

CURVE DATA

P.I. 149+41.65 Line "PR-A"
Δ = 0°21'49" LT.
(No Curve Run)

ALL TOPOGRAPHY DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.
SEE CONSTRUCTION DETAIL SHEETS FOR R/W INFORMATION.

	P.V.I. 143+67.00 ELEV = 852.81 V.C. = 170'	P.V.I. 145+42.00 ELEV = 854.90 V.C. = 150'	P.V.I. 148+00.00 ELEV = 856.82 V.C. = 250'	P.V.I. 150+75.00 ELEV = 862.43 V.C. = 270'	P.V.I. 153+00.00 ELEV = 858.56 V.C. = 160'	P.V.I. 154+80.00 ELEV = 855.59 V.C. = 160'	P.V.I. 156+50.00 ELEV = 854.43 V.C. = 160'

870 865 860 855 850 845 840 835

+50.0 +50.0 +50.0 +

MATCHLINE STA. 158+00.00 "PR-A"

MATCHLINE STA. 173+00.00 "PR-A"

158+40.44, 13.7' PERRY Rbr w/ Cap "LS21500015"

160+00

MICHAEL K. HENDERSON FARMS, LLC

163+23.68, 80.4' Cont. Tree

164+55.59, 37.9' F.P.

+70.11, 38.5' F.P.

+80.63, 38.5' F.P.

164+93.37 22.8' Sycamore

165+00

SEC. 7, T20N, R5E
JACKSON TWP.
HAMILTON CO.

JACK R. MUMBOWER &
NANCY L. MUMBOWER

169+01.45, 13.8' TBM Other (NO)

170+00

HENDERSON FARMS, LLC

CP 108

(Farm Field)

(Woods)

Mod. Class II Dr.
W=13.1'

+44.1

(Gravel)

Str. No. 217

Str. No. 104

40' R/W

(Grass)

Str. No. 105

TBM 206

(Farm Field)

E 281ST STREET

(Asphalt)

LINE "A" N89°44'16"E

LINE "PR-A" N89°44'16"E

(Gravel)

(Asphalt)

(Farm Field)

40' R/W

TBM 207

CP 107

(Farm Field)

158+52.60, 12.6' TBM -

163+97.74, 13.9' NIBox
164+05.59, 14.3' Cable Pedestal

SEC. 7, T20N, R5E
JACKSON TWP.
HAMILTON CO.

NEMCO

169+01.26, 13.1' PERRY Rbr w/ Cap "LS21500015"

ALL TOPOGRAPHY DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.
SEE CONSTRUCTION DETAIL SHEETS FOR R/W INFORMATION.

870	P.V.I. 158+50.00 ELEV = 855.40 V.C. = 150'	P.V.I. 160+40.00 ELEV = 854.30 V.C. = 160'	P.V.I. 162+10.00 ELEV = 854.24 V.C. = 160'	P.V.I. 163+75.00 ELEV = 856.89 V.C. = 150'	P.V.I. 165+40.00 ELEV = 853.86 V.C. = 160'	P.V.I. 167+05.00 ELEV = 856.50 V.C. = 150'	P.V.I. 168+70.00 ELEV = 853.87 V.C. = 160'	P.V.I. 170+50.00 ELEV = 853.57 V.C. = 160'	P.V.I. 172+75.00 ELEV = 853.82 V.C. = 150'	870

150 SYS. OF SODDING FOR DITCHES REQ'D., LT.

134 SYS. OF SODDING FOR DITCHES REQ'D., LT.

+30.0

+65.0

+50.0

+70.0

15" PIPE @ 0.94%

-0.58%

-0.04%

+1.61%

-0.46%

-1.84%

-1.22%

+1.60%

-1.60%

-0.17%

+0.11%

+0.04%

-0.25%

+ 52.0
851.44

+53, Str. No. 104
US (N) Invert El. 849.91

+52, Str. No. 104
DS (S) Invert El. 849.62

+0.29%

Grade of Spl. 4' Bottom Ditch, LT.

+ 50.0
852.59

+ 70.0
854.47

+1.56%

+ 30.0
854.19

Str. No. 217

+ 65.0
852.55

-0.15%

+ 88.0
852.36

+87, Str. No. 105
US (N) Invert El. 851.07

+87, Str. No. 105
DS (S) Invert El. 851.02

Grade of Spl. 4' Bottom Ditch, LT.

-0.27%

+ 52.0
851.40

+0.29%

Grade of Spl. 4' Bottom Ditch, RT.
Plotted 5' Below Datum

+ 50.0
852.55

+ 70.0
854.47

+1.59%

-0.46%

-1.21%

+ 30.0
854.19

+ 65.0
852.56

-0.20%

+ 88.0
852.31

+0.04%

Grade of Spl. 4' Bottom Ditch, RT.
Plotted 5' Below Datum

134 SYS. OF SODDING FOR DITCHES REQ'D., RT.

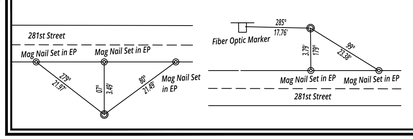
150 SYS. OF SODDING FOR DITCHES REQ'D., RT.

854.4 855.13	853.3 855.20	853.4 855.09	853.6 854.82	853.9 854.56	854.1 854.38	854.2 854.29	854.2 854.28	854.3 854.49	854.8 854.96	855.5 855.68	856.1 856.20	855.9 856.14	855.1 855.51	854.4 854.77	854.1 854.55	854.0 854.86	854.0 855.58	853.9 855.90	853.8 855.69	853.8 854.99	853.8 854.35	853.6 853.93	853.6 853.73	853.5 853.66	853.5 853.62	853.5 853.63	853.6 853.68	853.6 853.73	853.7 853.78	853.7 853.80

158+00 159+00 160+00 161+00 162+00 163+00 164+00 165+00 166+00 167+00 168+00 169+00 170+00 171+00 172+00 173+00

TBM 206 - 5/8" Rebar set without cap, 6 inches above grade, located directly North of Control Point 107, on the North side of 281st Street.
EL.=852.98' (Sta. 169+01.45 "A", 13.85' Lt.)

TBM 207 - Mag Nail set in top of CMP pipe, located on the South side of 281st Street and South of Control Point 108.
EL.=851.78' (Sta. 158+52.60 "A", 12.61' Rt.)



RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: YZ 5/19/2026

DRAWN: YZ 5/19/2026

CHECKED: RDS 5/19/2026

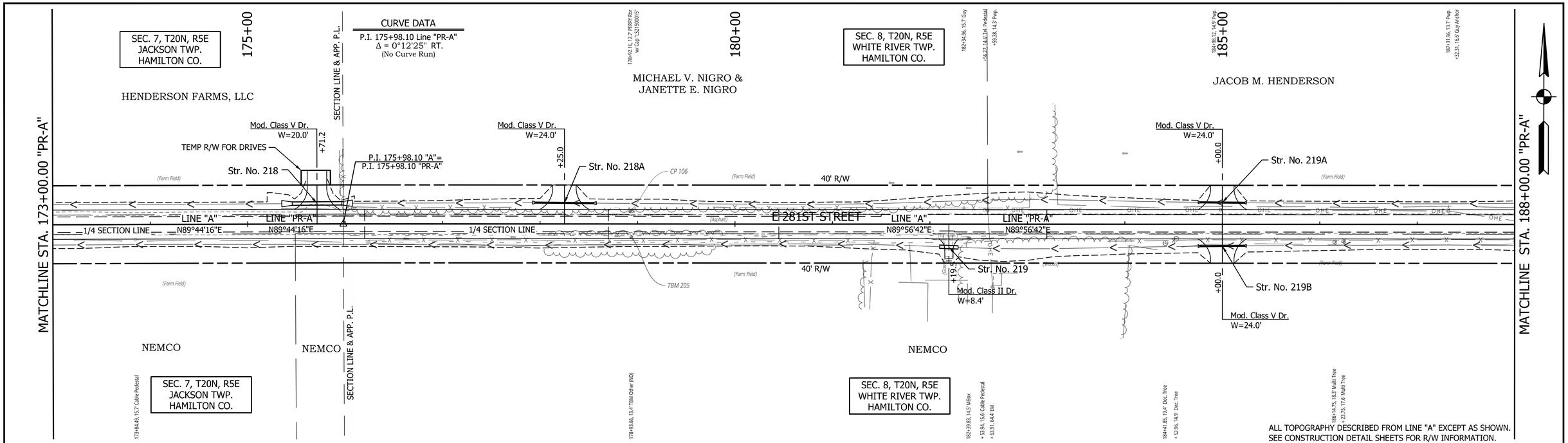
CHECKED: MRM 5/19/2026

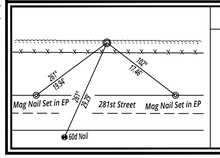
INDIANA
DEPARTMENT OF TRANSPORTATION

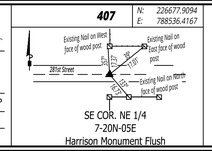
PLAN AND PROFILE
STA. 158+00.00 TO 173+00.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	20 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\06 PLAN PROF\RD-SHT-PP-281ST ST REHAB.DWG







RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: YZ 5/19/2026
DRAWN: YZ 5/19/2026
CHECKED: RDS 5/19/2026
CHECKED: MRM 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
STA. 173+00.00 TO 188+00.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	21 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\06 PLAN PROF\RD-SHT-PP-281ST ST REHAB.DWG

JACOB M. HENDERSON

ALVIN E. CRAIL & LINDA K. CRAIL

BEVERLY S. CARTER

NEMCO

GENE RULON

GENE RULON

SEC. 8, T20N, R5E
WHITE RIVER TWP.
HAMILTON CO.

SEC. 8, T20N, R5E
WHITE RIVER TWP.
HAMILTON CO.

MATCHLINE STA. 188+00.00 "PR-A"

MATCHLINE STA. 203+00.00 "PR-A"

N STARTSMAN RD

N STARTSMAN RD

190+00

195+00

200+00

Public Road Approach Type A
W=17.7'

Public Road Approach Type A
W=18.3'

Mod. Class II Dr.
W=17.9'

Mod. Class II Dr.
W=13.0'

Mod. Class V Dr.
W=24.0'

Mod. Class V Dr.
W=24.0'

TEMP R/W FOR
GRADING AND DRIVES

1/4 SECTION LINE

Str. No. 220

Str. No. 221

Str. No. 222

Str. No. 223

Str. No. 106

E 281ST STREET

LINE "A"
N89°56'42"E

40' R/W

(Farm Field)

(Asphalt)

(Gravel)

(Concrete)

TBM 203

TBM 204

CP 104

+23.5

+23.0

+33.4

+64.6

+83.0

+00.0

ALL TOPOGRAPHY DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.
SEE CONSTRUCTION DETAIL SHEETS FOR R/W INFORMATION.

TBM 203 - Bench Tie set in North face of Power Pole HA 729, located at the South side of 281st Street and approximately 1,220 feet W. of TBM 202, and located directly South of Control Point 104. EL.=857.54' (Sta. 199+16.69 "A", 14.17' Rt.)

TBM 204 - Bench Tie set in North face of Power Pole HA-723, located at the Southeast corner of 281st Street and Startsman Road. EL.=860.36' (Sta. 189+41.03 "A", 19.96' Rt.)

P.V.I. 189+27.00
ELEV = 860.67
V.C. = 150'

P.V.I. 192+00.00
ELEV = 858.72
V.C. = 160'

P.V.I. 194+90.00
ELEV = 859.36
V.C. = 250'

P.V.I. 197+85.00
ELEV = 857.60
V.C. = 160'

P.V.I. 200+45.00
ELEV = 857.81
V.C. = 150'

P.V.I. 202+00.00
ELEV = 857.47
V.C. = 150'

+1.06%
-0.72%
+0.22%
-0.60%
-0.30%
+0.08%
-0.22%
+0.32%
-0.30%
+0.74%

18" PIPE @ 0.25%
18" PIPE @ 0.31%
15" PIPE @ 0.31%
12" PIPE @ 0.28%

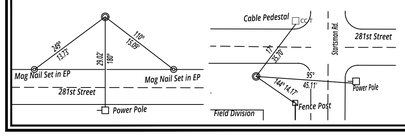
+ 00.0 858.04
+ 00.0 857.54
+ 00.0 857.29
+ 00.0 858.04
+ 43.0 853.82

Grade of Spl. 4' Bottom Ditch, LT.
Grade of Spl. 4' Bottom Ditch, RT.
Plotted 5' Below Datum

858.4	859.9	860.3	860.3	860.1	858.8	859.4	859.1	858.9	858.9	859.0	859.1	859.2	859.1	858.9	858.7	858.4	858.1	857.9	857.7	857.7	857.7	857.7	857.8	857.8	857.7	857.6	857.6	857.6	857.8
859.41	859.86	860.25	860.35	860.15	859.79	859.43	859.10	858.90	858.85	858.94	859.05	859.14	859.15	859.08	858.93	858.70	858.40	858.11	857.85	857.70	857.66	857.69	857.74	857.77	857.75	857.69	857.60	857.58	857.65	857.80

188+00 189+00 190+00 191+00 192+00 193+00 194+00 195+00 196+00 197+00 198+00 199+00 200+00 201+00 202+00 203+00

875 870 865 860 855 850 845 840



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: YZ 5/19/2026 DRAWN: YZ 5/19/2026

CHECKED: RDS 5/19/2026 CHECKED: MRM 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
STA. 188+00.00 TO 203+00.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	22 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKAMPHAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\06 PLAN PROF\RD-SHT-PP-281ST ST REHAB.DWG

MATCHLINE STA. 203+00.00 "PR-A"

MATCHLINE STA. 218+00.00 "PR-A"

205+00

210+00

215+00

208+45.69, 15.5' PERRY Rbr w/ Cap "LS21500015"

211+35.34, 14.5' PERRY Rbr w/ Cap "LS21500015"

SEC. 8, T20N, R5E
WHITE RIVER TWP.
HAMILTON CO.

BEVERLY S. CARTER

TEMP R/W FOR GRADING AND DRIVES

CP 103

CP 102

(Farm Field)

40' R/W

(Asphalt)

LINE "A"
N89°56'42"E

LINE "PR-A"
N89°56'42"E

E 281ST STREET

OHE

40' R/W

(Farm Field)

60' R/W

60' R/W

TBM 202

J & C RULON FARMS LLC

SEC. 8, T20N, R5E
WHITE RIVER TWP.
HAMILTON CO.

205+27.32, 14.5' Pwp.

208+24.87, 13.9' Pwp.

211+35.01, 13.4' TBM Other
+ 35.46, 14.0' Pwp.

214+43.01, 14.2' Pwp.

217+44.89, 14.1' Pwp.

ALL TOPOGRAPHY DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.
SEE CONSTRUCTION DETAIL SHEETS FOR R/W INFORMATION.

P.V.I. 203+80.00 ELEV = 858.06 V.C. = 150'	P.V.I. 206+00.00 ELEV = 858.26 V.C. = 160'	P.V.I. 208+57.00 ELEV = 861.96 V.C. = 150'	P.V.I. 210+85.00 ELEV = 858.21 V.C. = 160'	P.V.I. 212+76.00 ELEV = 855.32 V.C. = 200'	P.V.I. 215+40.00 ELEV = 855.57 V.C. = 150'	P.V.I. 217+10.00 ELEV = 854.49 V.C. = 160'

870 865 860 855 850 845 840 835

+0.09% +1.44% -1.64% -1.51% +0.09% -0.63%

+0.74% +1.01% -0.30% -1.60% -1.00% -0.30%

+ 50.0
859.00

+ 00.0
856.47

Grade of Spl. 4' Bottom Ditch, RT.
Plotted 5' Below Datum

Grade of Spl. 4' Bottom Ditch, LT.

+ 00.0
855.00

+ 00.0
850.00

278 SYS. OF SODDING
FOR DITCHES REQ'D., RT.

278 SYS. OF SODDING
FOR DITCHES REQ'D., RT.

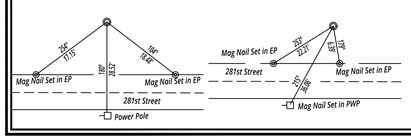
556 SYS. OF SODDING
FOR DITCHES REQ'D., RT.

+00.0 +50.0 +00.0 +00.0

857.8 857.80 | 857.9 857.94 | 857.9 858.05 | 857.9 858.12 | 858.1 858.17 | 858.2 858.25 | 858.5 858.53 | 858.9 859.01 | 859.5 859.70 | 860.2 860.42 | 860.8 861.10 | 861.3 861.38 | 861.0 861.15 | 860.1 860.43 | 859.4 859.61 | 858.8 858.80 | 857.8 858.00 | 857.0 857.23 | 856.4 856.50 | 855.8 855.94 | 855.5 855.58 | 855.4 855.42 | 855.3 855.44 | 855.3 855.49 | 855.2 855.50 | 855.2 855.40 | 855.1 855.18 | 854.7 854.88 | 854.4 854.66 | 854.4 854.54 | 854.5 854.52

203+00 204+00 205+00 206+00 207+00 208+00 209+00 210+00 211+00 212+00 213+00 214+00 215+00 216+00 217+00 218+00

TBM 202 - Bench Tie set in North face of Power Pole HA7-33, located on the South side of 281St Street and approximately 940 feet West of TBM 201, and located directly South of Control Point 102. EL.=857.73' (Sta. 211+35.01 "A", 13.41' Rt.)



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: YZ 5/19/2026 DRAWN: YZ 5/19/2026

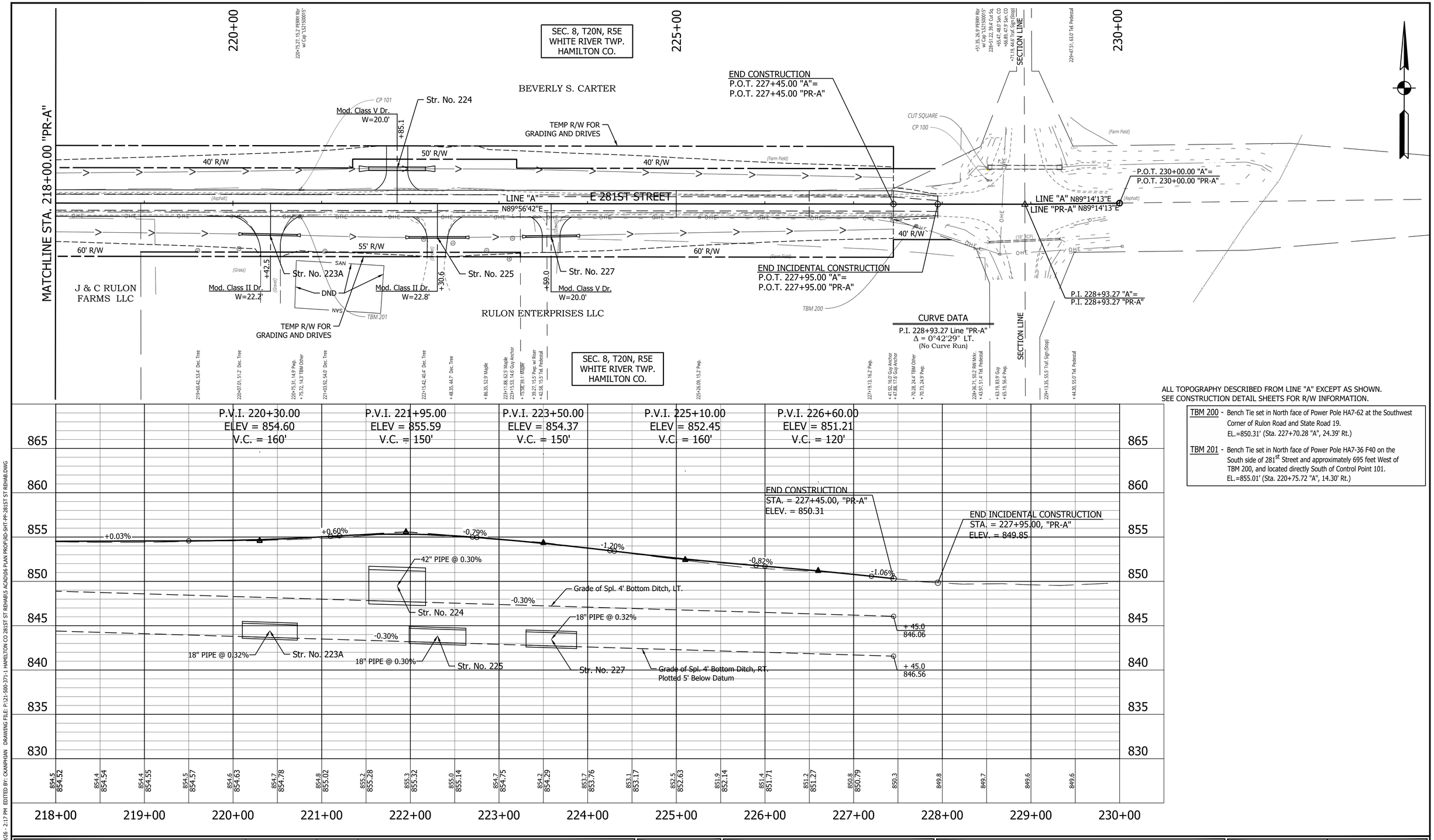
CHECKED: RDS 5/19/2026 CHECKED: MRM 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
STA. 203+00.00 TO 218+00.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	23 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\06 PLAN PROF\RD-SHT-PP-281ST ST REHAB.DWG

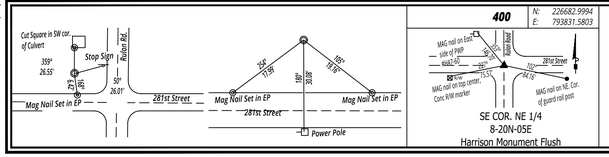


P.V.I. 220+30.00	P.V.I. 221+95.00	P.V.I. 223+50.00	P.V.I. 225+10.00	P.V.I. 226+60.00
ELEV = 854.60	ELEV = 855.59	ELEV = 854.37	ELEV = 852.45	ELEV = 851.21
V.C. = 160'	V.C. = 150'	V.C. = 150'	V.C. = 160'	V.C. = 120'

ALL TOPOGRAPHY DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.
SEE CONSTRUCTION DETAIL SHEETS FOR R/W INFORMATION.

TBM 200 - Bench Tie set in North face of Power Pole HA7-62 at the Southwest Corner of Rulon Road and State Road 19.
EL.=850.31' (Sta. 227+70.28 "A", 24.39' Rt.)

TBM 201 - Bench Tie set in North face of Power Pole HA7-36 F40 on the South side of 281st Street and approximately 695 feet West of TBM 200, and located directly South of Control Point 101.
EL.=855.01' (Sta. 220+75.72 "A", 14.30' Rt.)



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

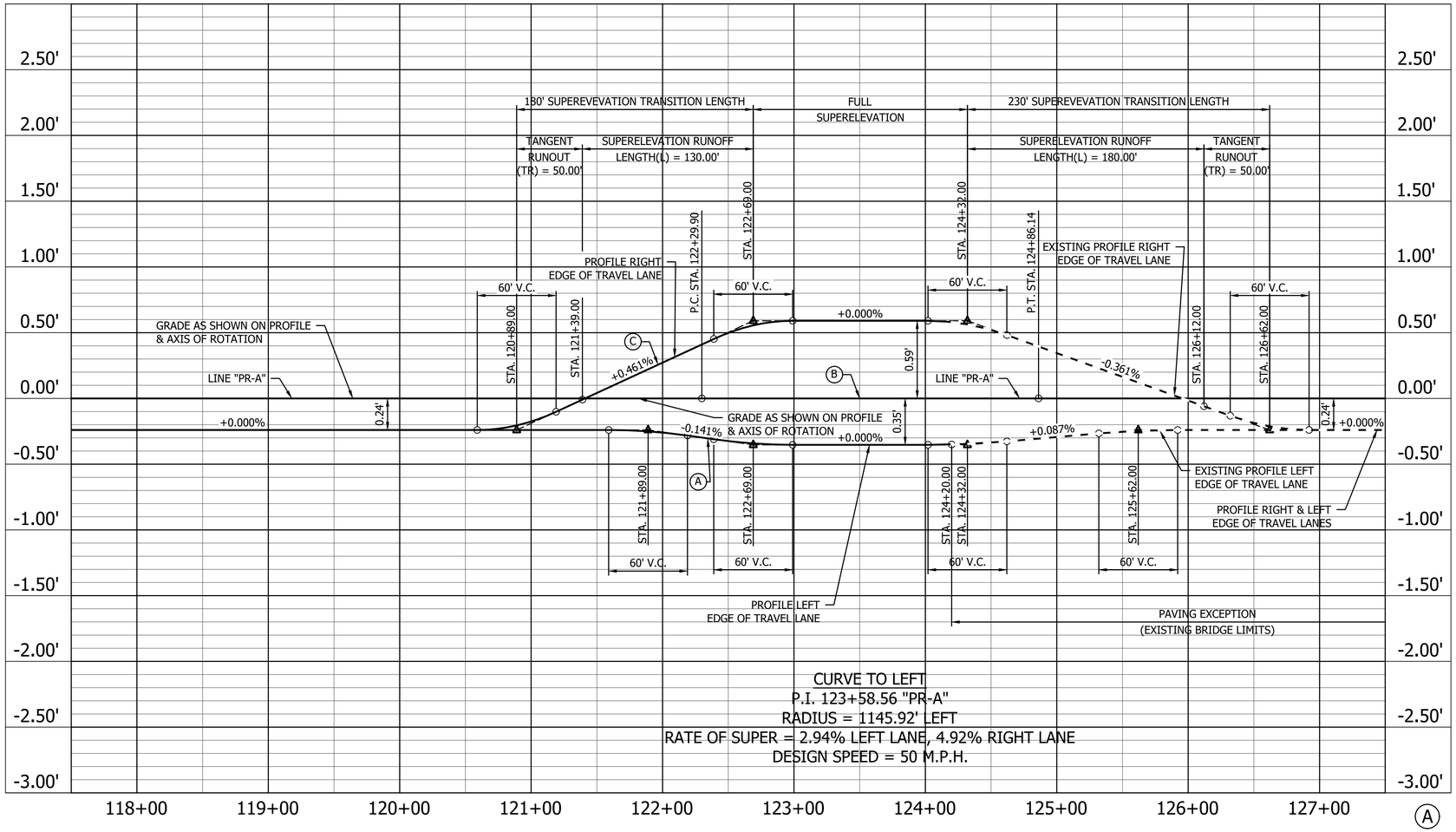
DESIGNED: YZ 5/19/2026 DRAWN: YZ 5/19/2026
CHECKED: RDS 5/19/2026 CHECKED: MRM 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

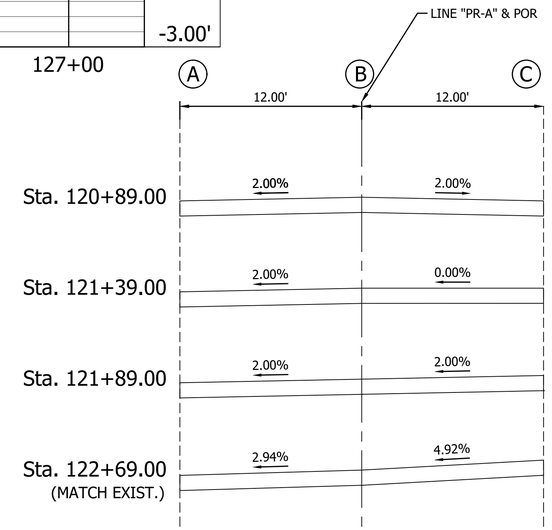
PLAN AND PROFILE
STA. 218+00.00 TO 230+00.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	24 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\06 PLAN PROF\RD-SHT-PP-281ST ST REHAB.DWG



CURVE TO LEFT
P.I. 123+58.56 "PR-A"
RADIUS = 1145.92' LEFT
RATE OF SUPER = 2.94% LEFT LANE, 4.92% RIGHT LANE
DESIGN SPEED = 50 M.P.H.



PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 9/18/25 - 2:06 PM EDITED BY: MRODRIGUEZ DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\SHT_SE HAMILTON CO 281ST.DWG

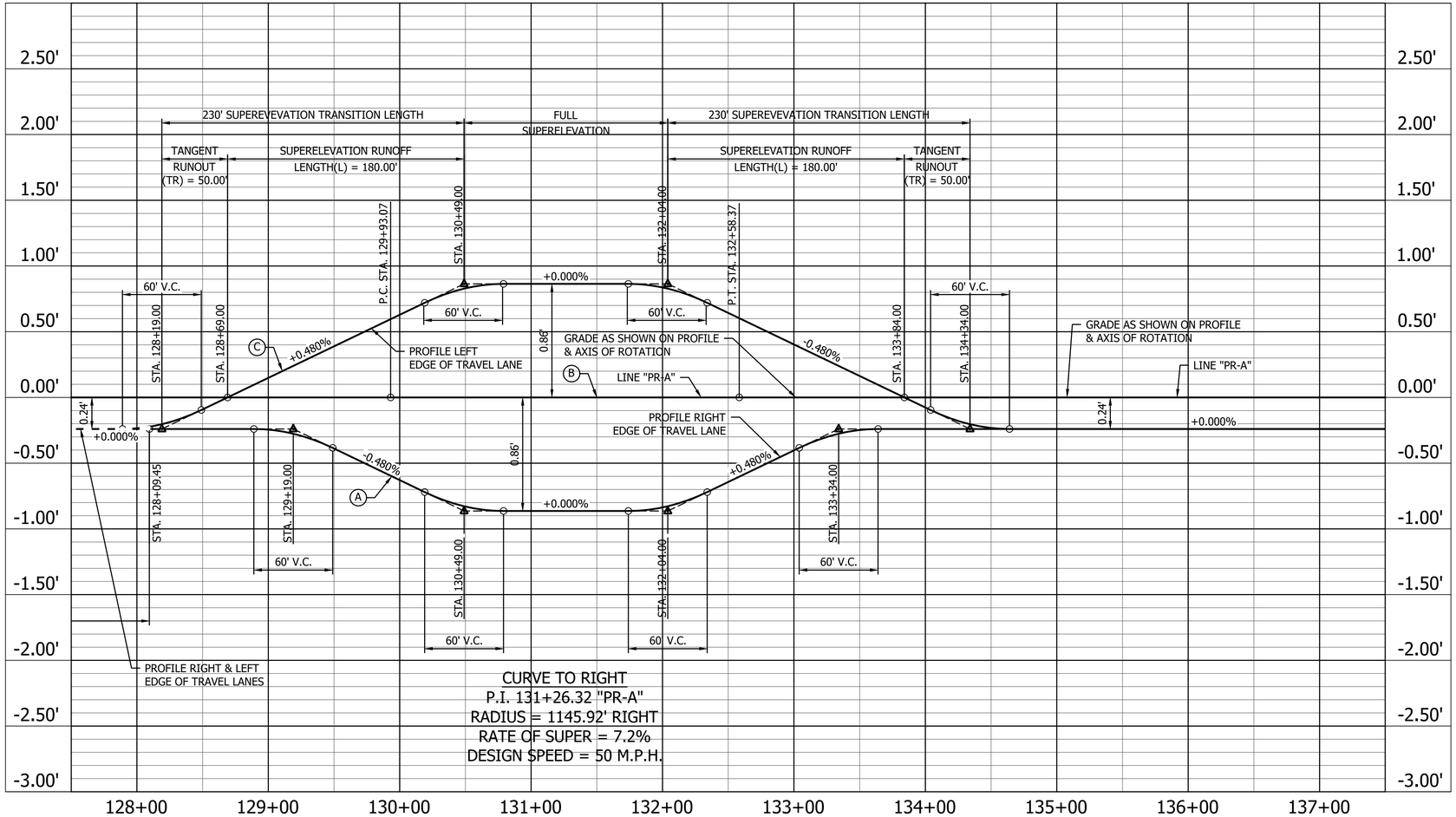
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: YZ 9/18/2025 DRAWN: MRM 9/18/2025
CHECKED: RDS 5/19/2026 CHECKED: YZ 5/19/2026

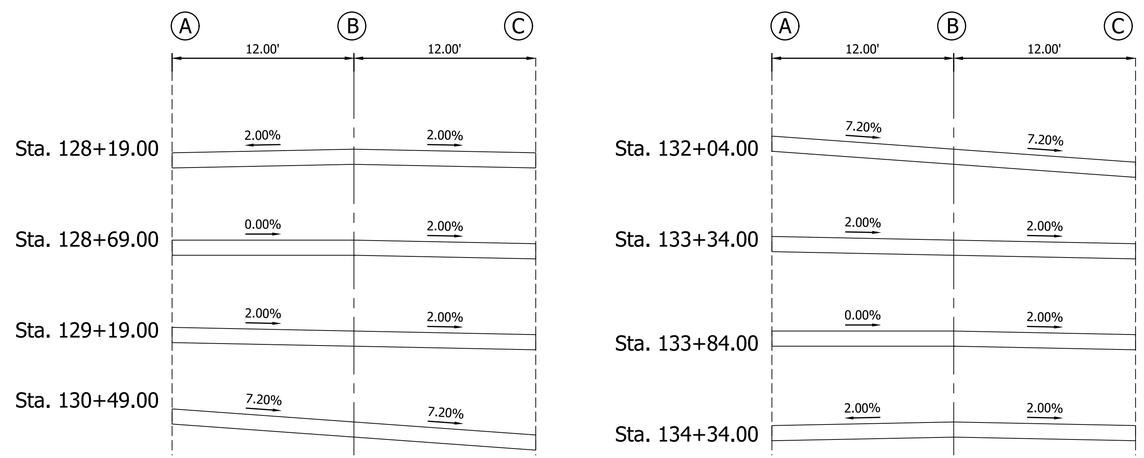
INDIANA
DEPARTMENT OF TRANSPORTATION

SUPERELEVATIONS
P.I. 123+58.56 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
	25 of 194
	CONTRACT
	R-43619



CURVE TO RIGHT
P.I. 131+26.32 "PR-A"
RADIUS = 1145.92' RIGHT
RATE OF SUPER = 7.2%
DESIGN SPEED = 50 M.P.H.



RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: YZ 9/18/2025 DRAWN: MRM 9/18/2025
CHECKED: RDS 5/19/2026 CHECKED: YZ 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

SUPERELEVATIONS
P.I. 131+26.32 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
	26 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 9/18/25 - 2:06 PM EDITED BY: MRODRIGUEZ DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\SHT_SE HAMILTON CO 281ST.DWG

100+00

105+00

BEGIN INCIDENTAL CONSTRUCTION
P.O.T. 102+05.82 "A"=
P.O.T. 102+05.82 "PR-A"

¼ SECTION LINE

NW Corner NE 1/4
Sec. 12, T. 20 N., R. 4 E.
(Harrison Monument - Flush)

APP. EXIST. R/W & P.L.

P.O.T. 100+00.00 "A"=
P.O.T. 100+00.00 "PR-A"

LINE "A"
S89°45'41"E

LINE "PR-A"
S89°45'41"E

APP. EXIST. R/W & P.L.

P.I. 101+69.57 "A"=
P.I. 101+69.57 "PR-A"

CURVE DATA
P.I. 101+69.57 Line "PR-A"
Δ = 0°00'28" RT.
(No Curve Run)

STATE ROAD 19 (CICERO RD)

+01
100'

2.00'

+30
100'

+30
85'

3.0 Tons Uniform Riprap on
8.1 SYS Geotextile for Riprap Type 1A

R40'

+62
40'

Sign, Remove

Pipe,
Remove

Sign, Remove

200.00'

+00
110'

8.00'

+28
110'

Sign,
Remove

+52
40'

R40'

+23.1 Str. No. 100
114 Lft. of 18" Pipe
with 2 End Sections
Req'd.

Tree, 30 IN., Remove

CP 115

(Farm Field)

40' R/W

Const. Limits

+95.0

+90.0

+05.0

7.00'

APP. EXIST. R/W & P.L.

LINE "PR-A"
S89°45'13"E

LINE "A"
S89°45'13"E

E 281ST STREET

8.00'

APP. EXIST. R/W & P.L.

Const. Limits

40' R/W

(Woods)

Trees, Remove

BEGIN PROJECT
P.O.T. 102+95.00 "A"
P.O.T. 102+95.00 "PR-A"
MONUMENT TYPE "B" REQ'D.

MATCHLINE STA. 105+60.00 "PR-A"

LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5, mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 1 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- Wetland Delineation

NOTE: ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

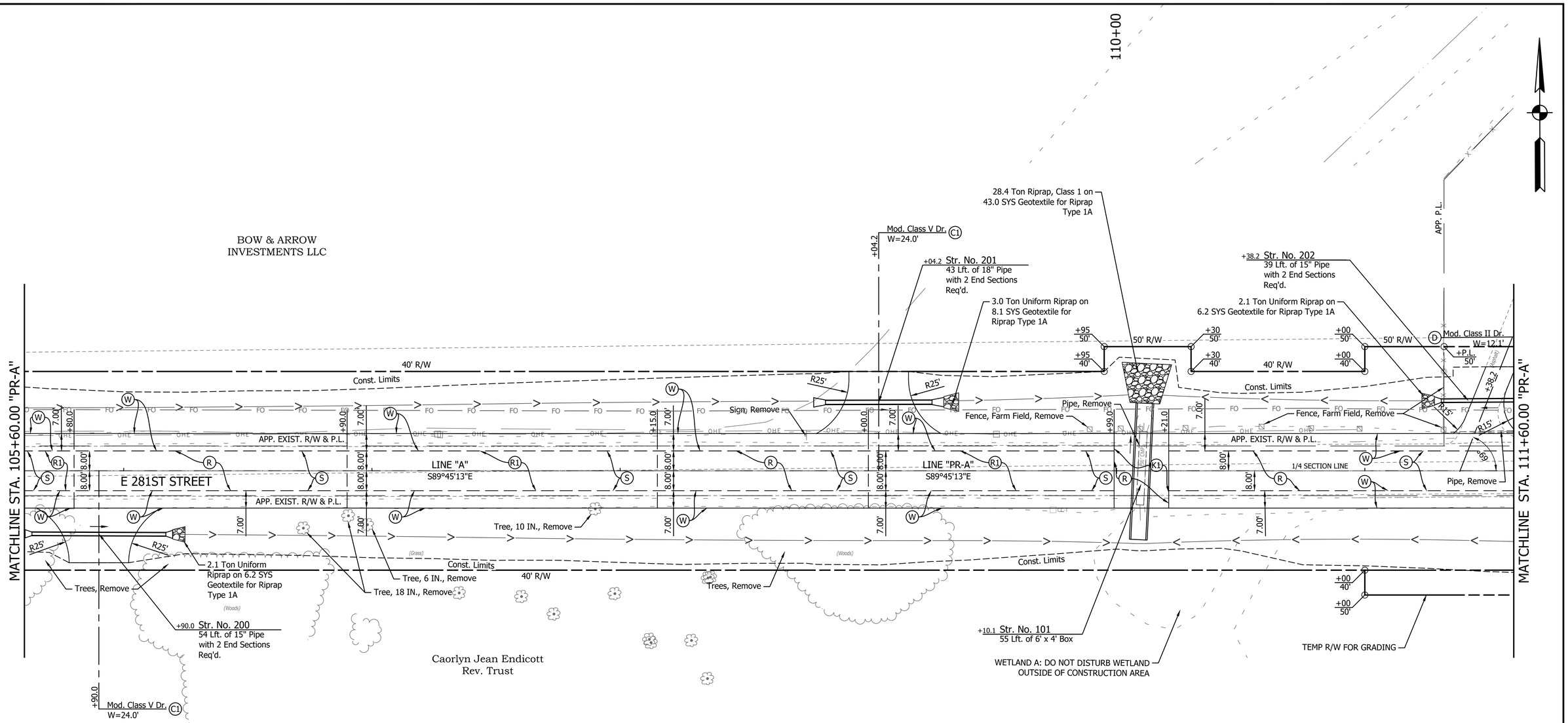
DESIGNED: MJR 5/19/2026
DRAWN: MJR 5/19/2026
CHECKED: NDH 5/19/2026
CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 100+00.00 TO 105+60.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	27 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-37\1-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\KD-CD_PR-A_281ST ST_05-31-23.DWG



LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5, mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 1 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- Wetland Delineation

NOTE: ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

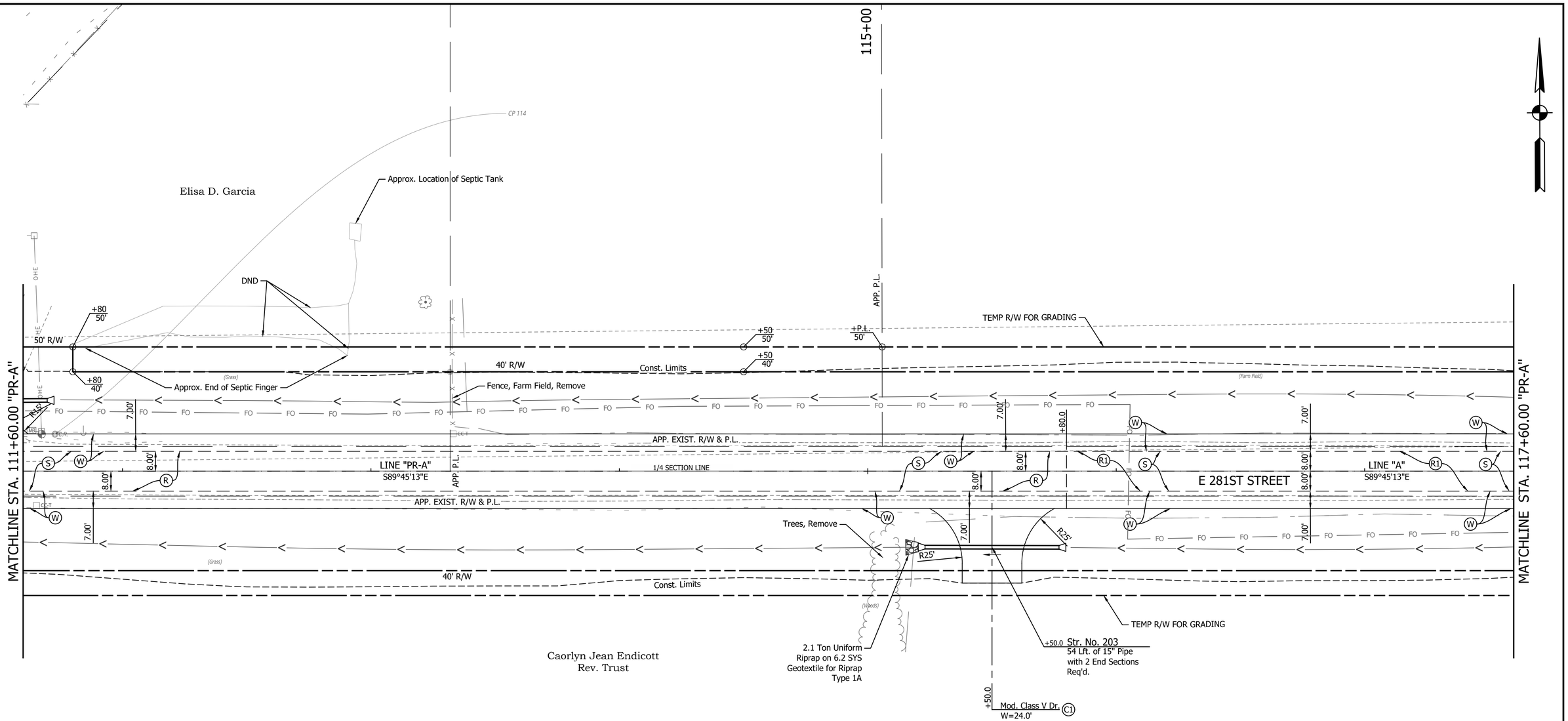
DESIGNED: MJR 5/19/2026 DRAWN: MJR 5/19/2026
CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 105+60.00 TO 111+60.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	28 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-CD_PR-A_281ST ST_05-31-23.DWG



LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5, mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 1 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- Wetland Delineation

NOTE: ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — DATE

DESIGNED: MJR 5/19/2026 | DRAWN: MJR 5/19/2026

CHECKED: NDH 5/19/2026 | CHECKED: NDH 5/19/2026

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 111+60.00 TO 117+60.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	29 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-CD_PR-A_281ST ST_05-31-23.DWG

120+00

BOW & ARROW
INVESTMENTS LLC

Caorlyn Jean Endicott
Rev. Trust

Todd B. Ellis &
Barbara A. Ellis

Eric Littrell

MATCHLINE STA. 117+60.00 "PR-A"

MATCHLINE STA. 123+60.00 "PR-A"

E 281ST STREET

OTT ROAD

TEMP R/W FOR GRADING

40' R/W

Const. Limits

APP. EXIST. R/W & P.L.

LINE "PR-A"
S89°45'13"E

LINE "A"
S89°45'13"E

APP. P.L.

TEMP R/W FOR GRADING AND DRIVE

Mod. Class II Dr. C1
W=20.75'

Mod. Class II Dr. C
W=23.3'

P.C. 122+29.90 "PR-A"

Fence, Farm Field, Remove

Paved Side Ditch, Remove

Sign, Remove

Fence and Posts, Remove

Tree, 18 IN., Remove

Pipe, Remove

DND

Approx. End of Septic Finger

Approx. Location of Septic Tank

2.1 Ton Uniform Riprap on 6.2 SYS Geotextile for Riprap Type 1A

5.3 Ton Uniform Riprap on 12.5 SYS Geotextile for Riprap Type 1A

+18.0 Str. No. 204
54 Lft. of 15" Pipe with 2 End Sections Req'd.

+63.0 Str. No. 206
56 Lft. of 24" Pipe with 2 End Sections Req'd.

Mod. Class V Dr. C1
W=24.0'

Mod. Class II Dr. C
W=23.1'

D Public Road Approach Type A
W=18.4'

P.I. 123+58.56 "A"=
P.I. 123+58.56 "PR-A"

LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5, mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
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- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- Wetland Delineation

CURVE DATA

P.I. 123+58.56 Line "PR-A"
Δ = 12°48'42" LT.
R = 1145.92'
T = 128.65'
L = 256.24'
E = 7.20'
Se = -2.94% LT
4.92% RT

NOTE: ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: MJR 5/19/2026 | DRAWN: MJR 5/19/2026

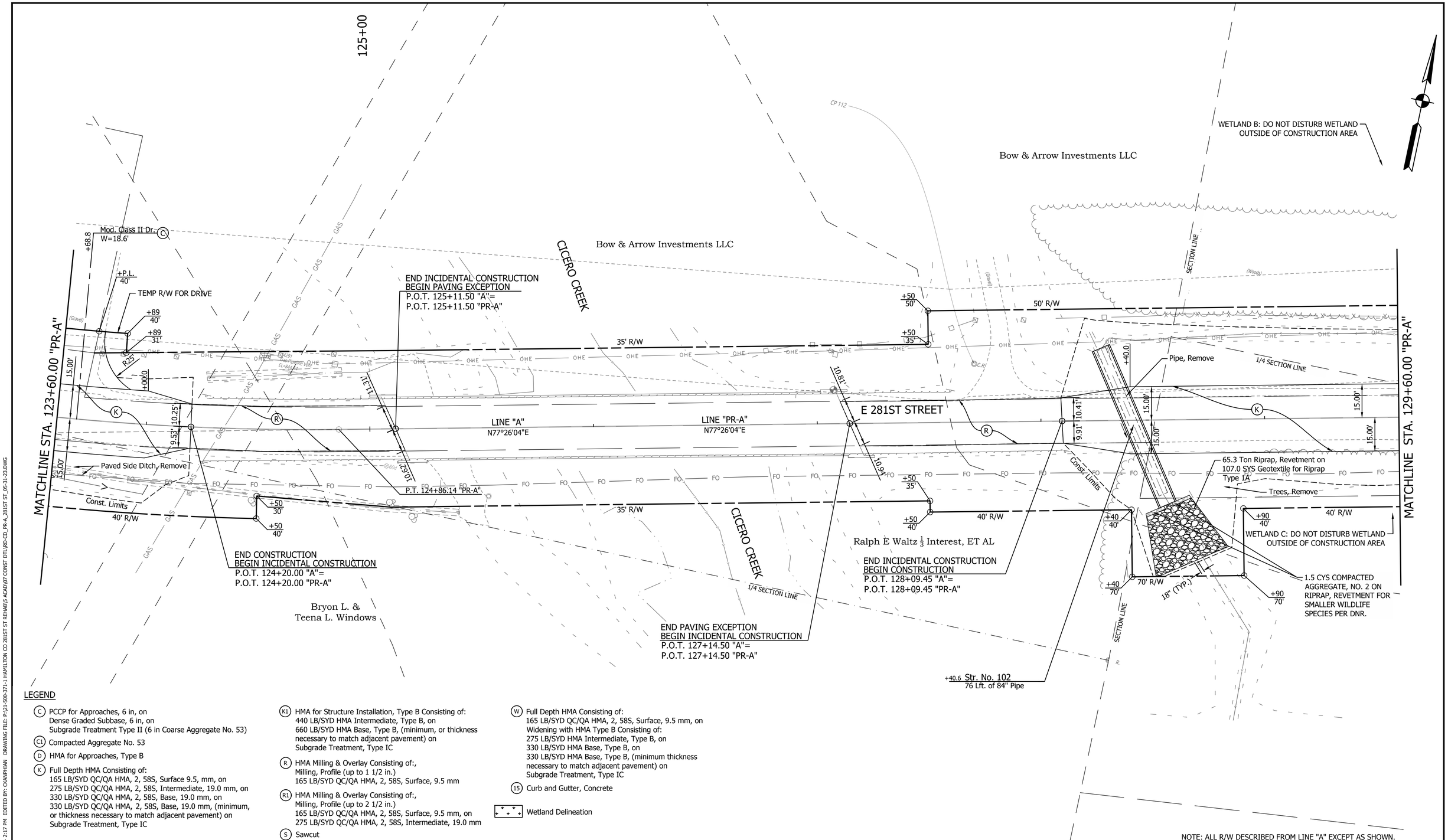
CHECKED: NDH 5/19/2026 | CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 117+60.00 TO 123+60.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	30 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-CD_PR-A_281ST ST_05-31-23.DWG



LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5, mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 1 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
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- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- Wetland Delineation

NOTE: ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: MJR 5/19/2026 DRAWN: MJR 5/19/2026

CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 123+60.00 TO 129+60.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	31 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\S ACAD\07 CONST DTL\RD-CD_PR-A_281ST ST_05-31-23.DWG

LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
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- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
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- (15) Curb and Gutter, Concrete
- Wetland Delineation

NOTE: ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: MJR 5/19/2026 DRAWN: MJR 5/19/2026

CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 129+60.00 TO 135+60.00 LINE "PR-A"

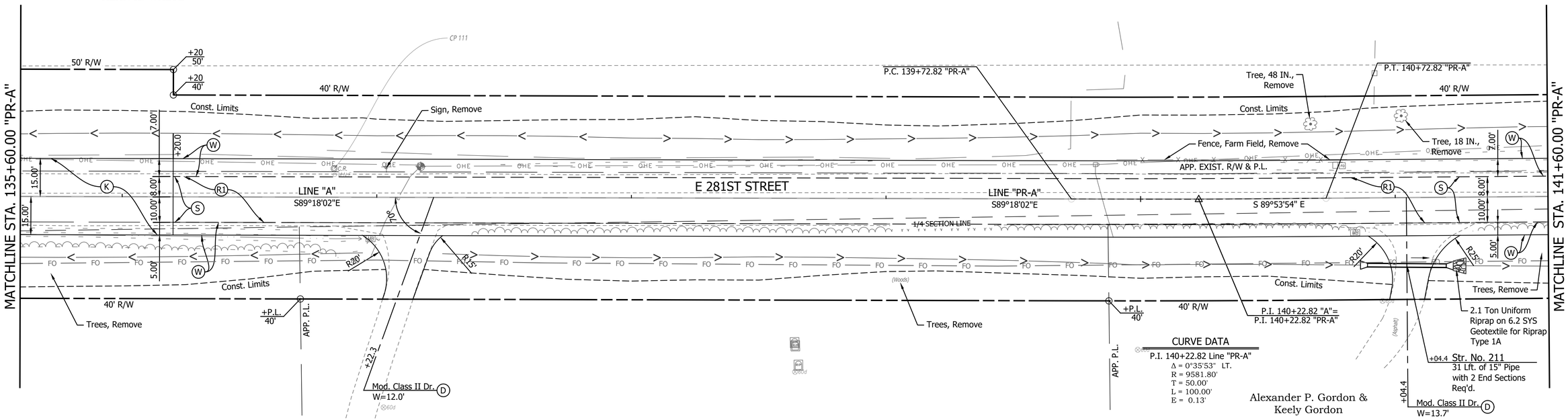
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	32 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-CD_PR-A_281ST ST_05-31-23.DWG

ALAN K. WALTZ

SUSAN ROY REVOCABLE
LIVING TRUST

Alexander P. Gordon &
Keely Gordon



LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5, mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
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- (S) Sawcut
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- (15) Curb and Gutter, Concrete
- Wetland Delineation

NOTE: ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

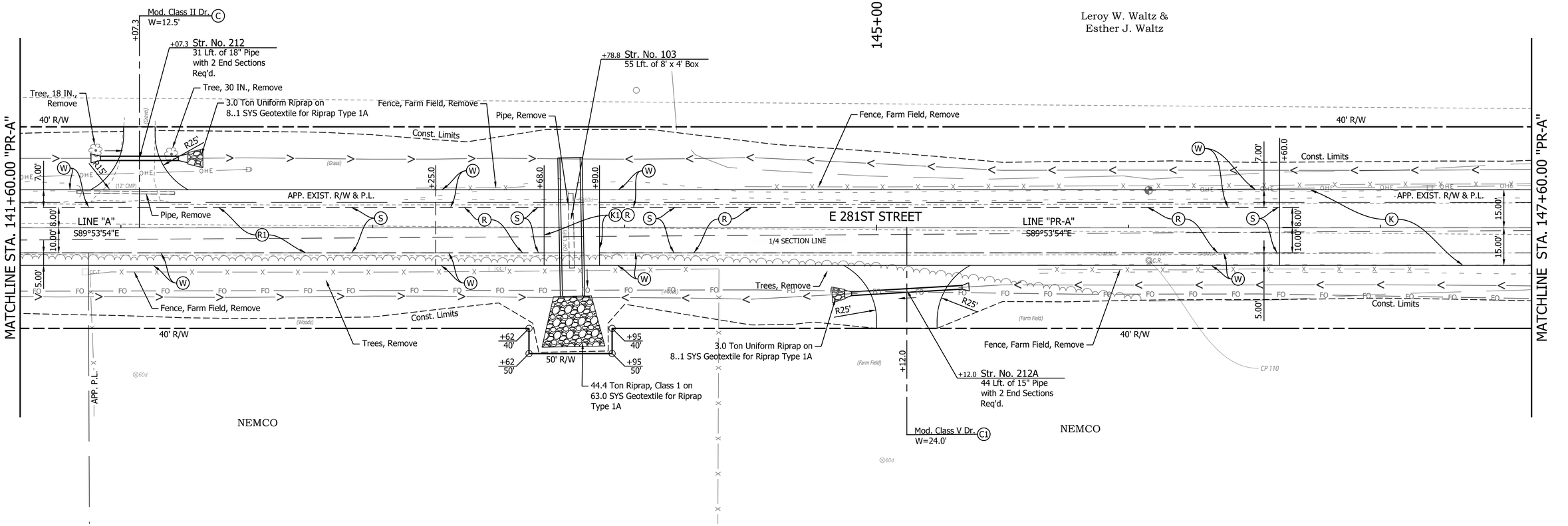
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DRAWN: MJR 5/19/2026
CHECKED: NDH 5/19/2026
CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 135+60.00 TO 141+60.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	33 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CIANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-CD_PR-A_281ST ST_05-31-23.DWG



LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: MJR 5/19/2026 DRAWN: MJR 5/19/2026

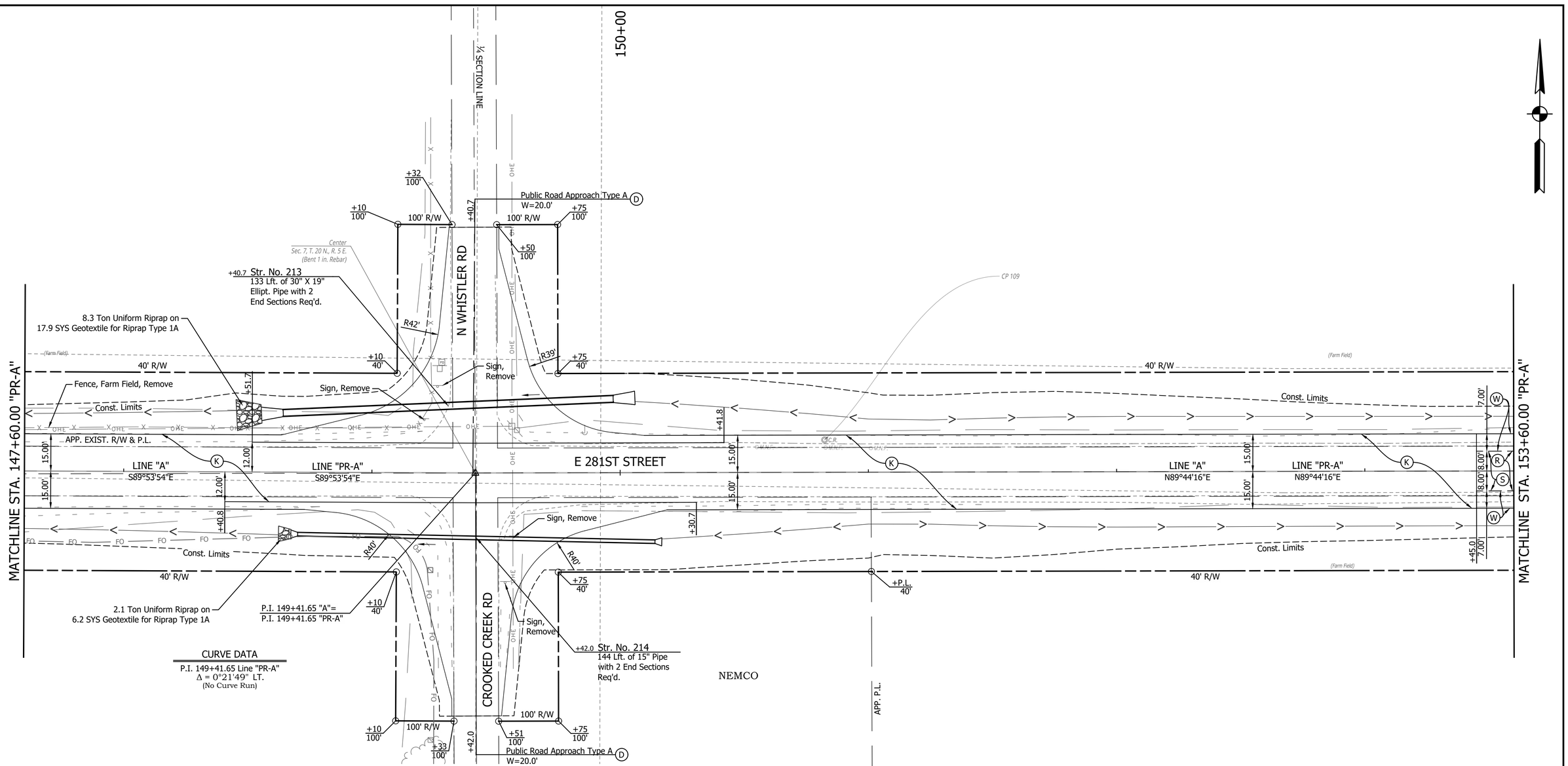
CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 141+60.00 TO 147+60.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET 34 of 194
	CONTRACT R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-CD_PR-A_281ST ST_05-31-23.DWG



LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
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- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 1 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- Wetland Delineation

NOTE: ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: MJR 5/19/2026 DRAWN: MJR 5/19/2026

CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 147+60.00 TO 153+60.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	35 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\KD-CD_PR-A_281ST ST_05-31-23.DWG

155+00

Michael K. Henderson
Farms, LLC

NEMCO

MATCHLINE STA. 153+60.00 "PR-A"

MATCHLINE STA. 159+60.00 "PR-A"

40' R/W

7.00'

Const. Limits

W

LINE "PR-A"
N89°44'16"E

8.00'

R

1/4 SECTION LINE

S

+70.0

15.00'

K

E 281ST STREET

C1 Mod. Class V Dr.
W=24.0'

+29.3

+29.3 Str. No. 216
39 Lft. of 30" X 19"
Ellipt. Pipe with 2
End Sections Req'd.

8.3 Ton Uniform Riprap on
17.9 SYS Geotextile for
Riprap Type 1A

R25'

CP 108

(Farm Field)

+52.8 Str. No. 104
46 Lft. of 18" Pipe
with 2 End Sections
Req'd.

LINE "A"
N89°44'16"E

Pipe, Remove

+18
40'

+18
45'

+40
40'

+40
45'

3.0 Ton Uniform Riprap on
8.1 SYS Geotextile for Riprap Type 1A

TEMP R/W FOR DRIVES

+29.3 Str. No. 215
44 Lft. of 18" Pipe
with 2 End Sections
Req'd.

Mod. Class V Dr.
W=24.0'

C1

LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5, mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 1 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- Wetland Delineation

NOTE: ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

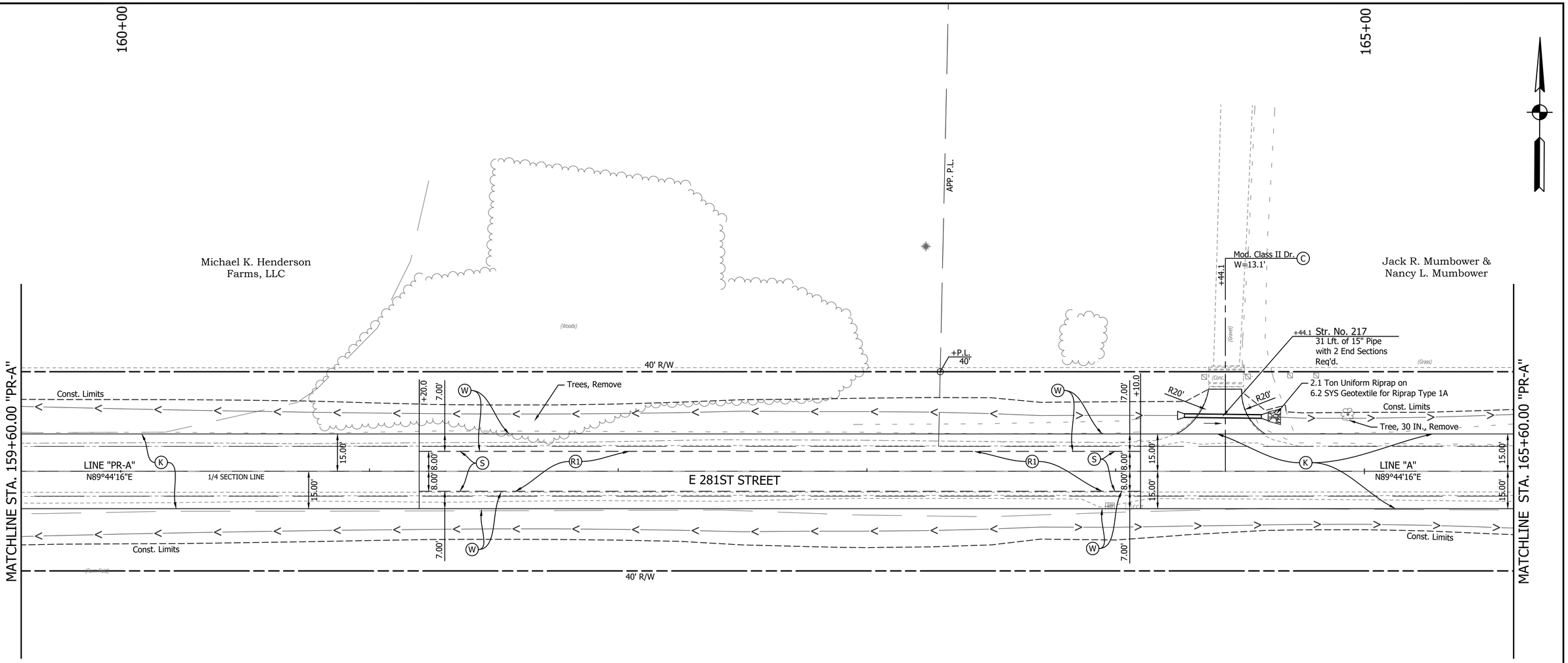
DESIGNED: MJR 5/19/2026
DRAWN: MJR 5/19/2026
CHECKED: NDH 5/19/2026
CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 153+60.00 TO 159+60.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	36 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\S ACAD\07 CONST DTL\RD-CD_PR-A_281ST ST_05-31-23.DWG



LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5, mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 1 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- Wetland Delineation

NOTE: ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: MJR 5/19/2026 DRAWN: MJR 5/19/2026

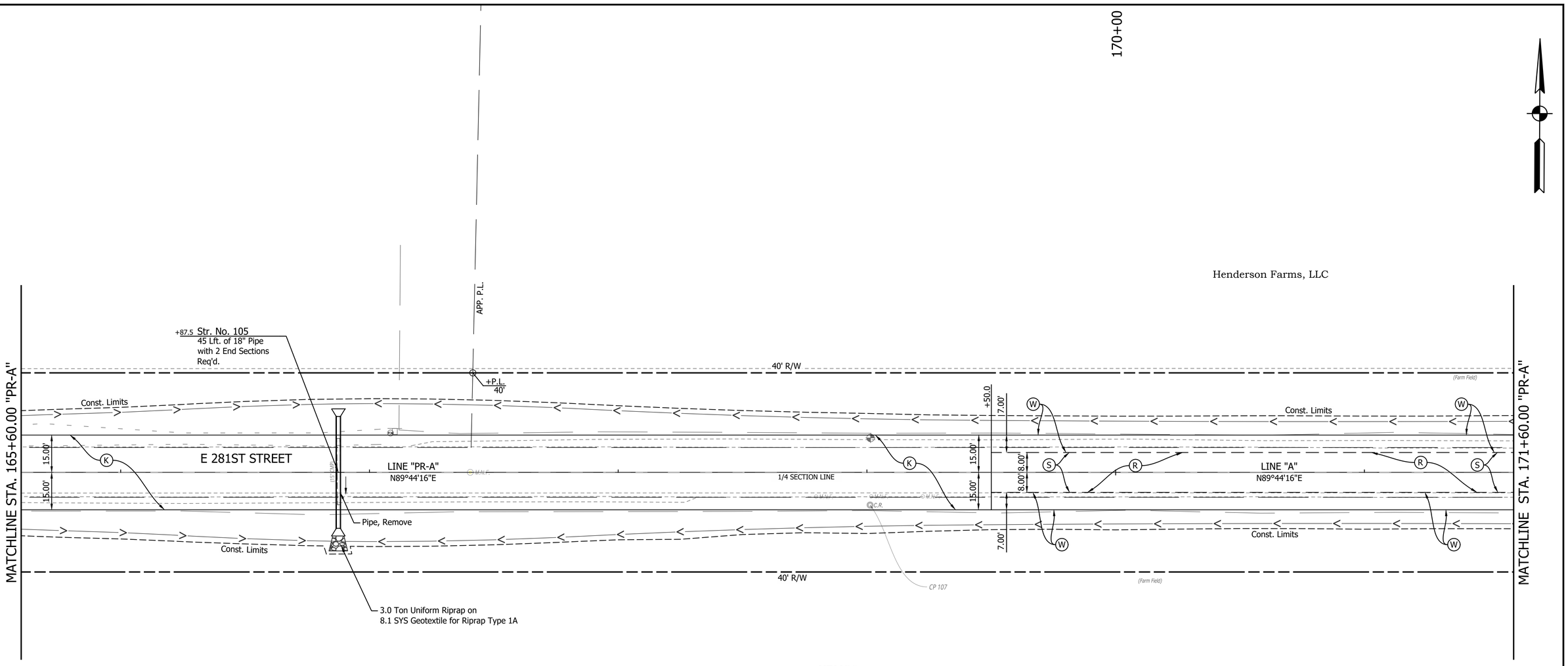
CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 159+60.00 TO 165+60.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	37 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-CD_PR-A_281ST ST_05-31-23.DWG



LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5, mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 1 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (1S) Curb and Gutter, Concrete
- Wetland Delineation

NOTE: ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: MJR 5/19/2026 DRAWN: MJR 5/19/2026

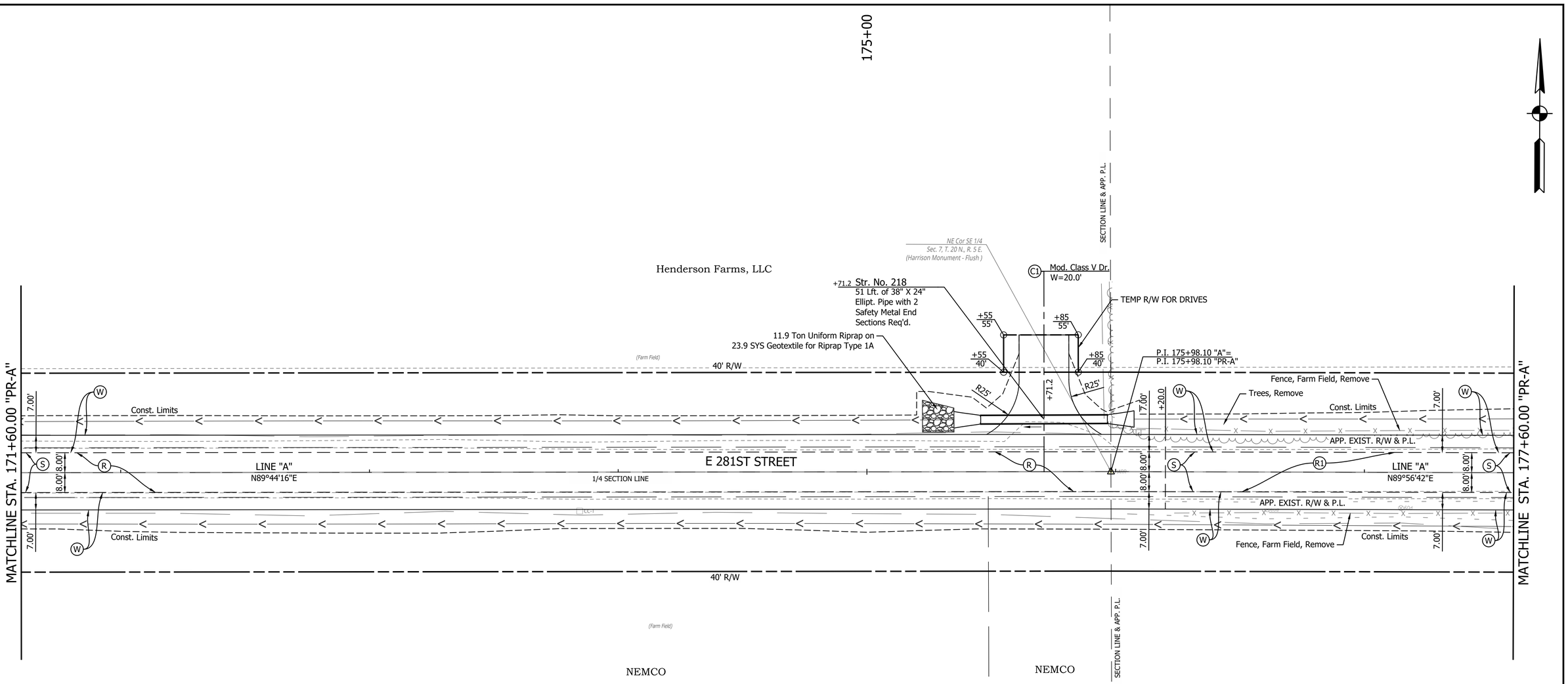
CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 165+60.00 TO 171+60.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	38 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\S ACAD\07 CONST DTL\RD-CD_PR-A_281ST ST_05-31-23.DWG



LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5, mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 1 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- Wetland Delineation

NOTE: ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

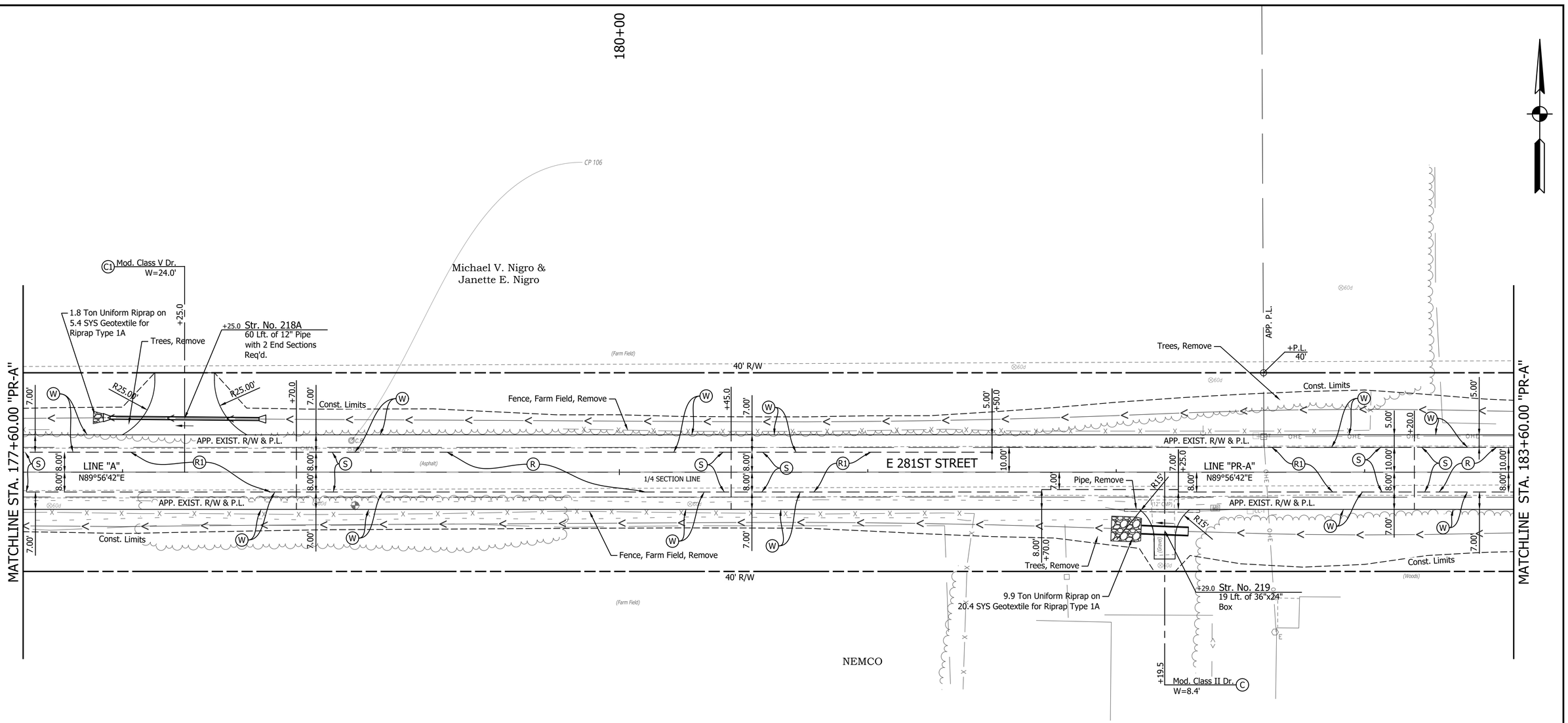
DESIGNED: MJR 5/19/2026
DRAWN: MJR 5/19/2026
CHECKED: NDH 5/19/2026
CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 171+60.00 TO 177+60.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	39 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\S ACAD\07 CONST DTL\KD-CD_PR-A_281ST ST_05-31-23.DWG



LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5, mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 1 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- Wetland Delineation

NOTE: ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: MJR 5/19/2026 DRAWN: MJR 5/19/2026

CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 177+60.00 TO 183+60.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	40 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-CD_PR-A_281ST ST_05-31-23.DWG

185+00

MATCHLINE STA. 183+60.00 "PR-A"

MATCHLINE STA. 189+60.00 "PR-A"

C1 Mod. Class V Dr. W=24.0'

Jacob M. Henderson

1.8 Ton Uniform Riprap on 5.4 SYS Geotextile for Riprap Type 1A

+00.0 Str. No. 219A
46 Lft. of 12" Pipe with 2 End Sections Req'd.

+00.0

R25'

R25'

(Farm Field)

40' R/W

15.00'

W Const. Limits

OHE

APP. EXIST. R/W & P.L.

S R

10.00'

8.00'

LINE "A"
N89°56'42"E

E 281ST STREET

1/4 SECTION LINE

APP. EXIST. R/W & P.L.

W

7.00'

Const. Limits

Tree, 18 IN., Remove

Trees, Remove

R26'

R25'

1.8 Ton Uniform Riprap on 5.4 SYS Geotextile for Riprap Type 1A

+00.0 Str. No. 219B
46 Lft. of 12" Pipe with 2 End Sections Req'd.

+00.0

Mod. Class V Dr. W=24.0' C1

40' R/W

(Farm Field)

Fence, Farm Field, Remove

W 5.00' +20.0 Const. Limits

S R

10.00'

8.00'

15.00'

12.00'

LINE "PR-A"
N89°56'42"E

APP. EXIST. R/W & P.L.

12.00'

12.00'

W 7.00' Const. Limits

Fence, Farm Field, Remove

NEMCO

(Farm Field)

CP 105

D Public Road Approach Type A W=17.7'

APP. EXIST. R/W & P.L.

+23.5

+90/100' 100' R/W

+14/100'

+32/100'

100' R/W

+55/100'

N STARTSMAN RD

Sign, Remove

R39'

+90/40'

+55/40'

Jacob M. Henderson

(Farm Field)

Sign, Remove

R40'

+90/40'

Fence, Farm Field, Remove

Sign, Remove

+55/40'

R40'

N STARTSMAN RD

+55/100'

+90/100' 100' R/W

100' R/W

+14/100'

+32/100'

+23.0

D Public Road Approach Type A W=18.3'

LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5, mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 1 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- Wetland Delineation

NOTE: ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: MJR 5/19/2026 DRAWN: MJR 5/19/2026

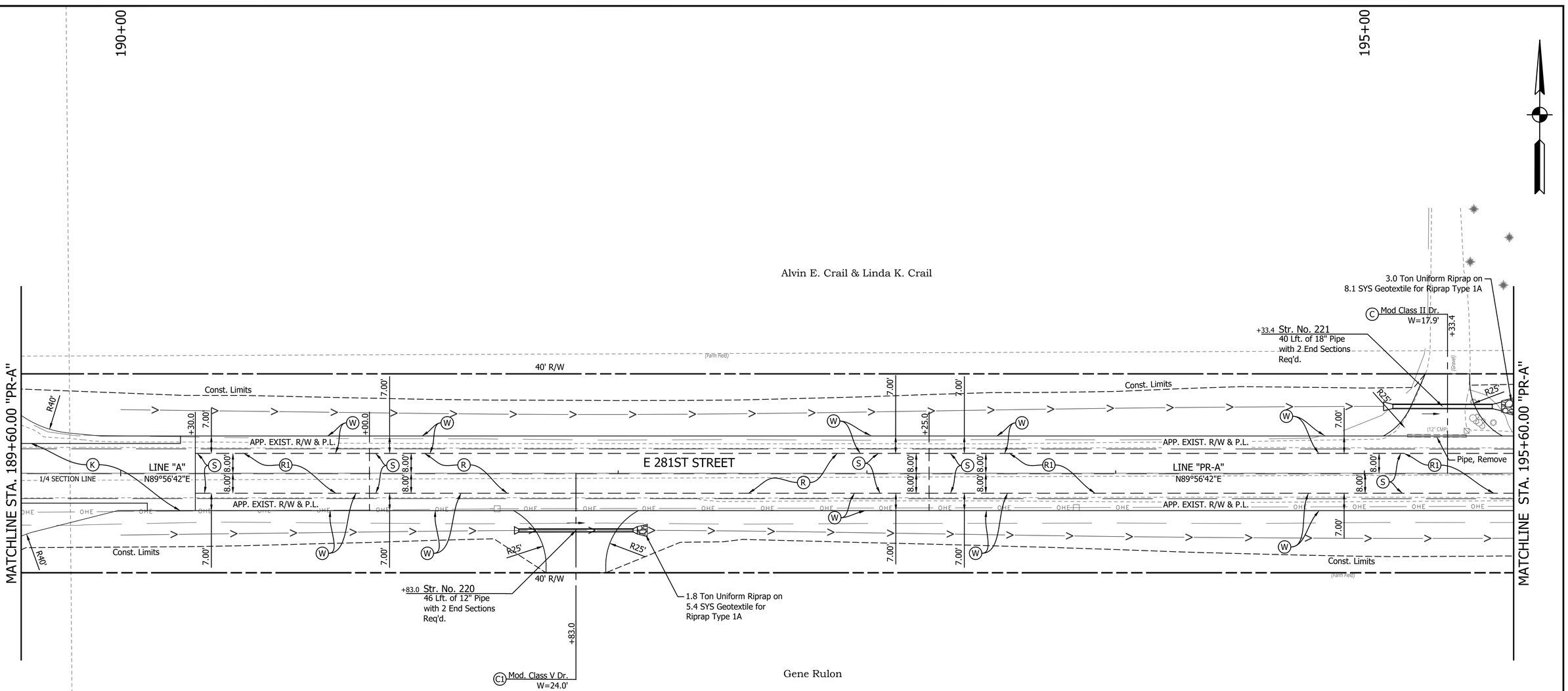
CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 183+60.00 TO 189+60.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	41 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-CD_PR-A_281ST ST_05-31-23.DWG



LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5, mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 1 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- Wetland Delineation

NOTE: ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — DATE

DESIGNED: MJR 5/19/2026 DRAWN: MJR 5/19/2026

CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 189+60.00 TO 195+60.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	42 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-CD_PR-A_281ST ST_05-31-23.DWG

Alvin E. Crail & Linda K. Crail

Beverly S. Carter

Gene Rulon

200+00

Mod. Class II Dr. (C) W=13.0'

+64.6 Str. No. 222
29 Lft. of 18" Pipe with 2 End Sections Req'd.

3.0 Ton Uniform Riprap on 8.1 SYS Geotextile for Riprap Type 1A

Mod. Class V Dr. (C1) W=24.0'

+76.0 Str. No. 223
48 Lft. of 15" Pipe with 2 End Sections Req'd.

2.1 Ton Uniform Riprap on 6.2 SYS Geotextile for Riprap Type 1A

MATCHLINE STA. 195+60.00 "PR-A"

MATCHLINE STA. 201+60.00 "PR-A"

40' R/W

+P.L. 40'

Const. Limits

R15'

R25'

APP. EXIST. R/W & P.L.

Pipe, Remove

LINE "A"
N89°56'42"E

1/4 SECTION LINE

E 281ST STREET

LINE "PR-A"
N89°56'42"E

7.00'

8.00'

+00.0

LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5, mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 1 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- Wetland Delineation

NOTE: ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: MJR 5/19/2026 DRAWN: MJR 5/19/2026

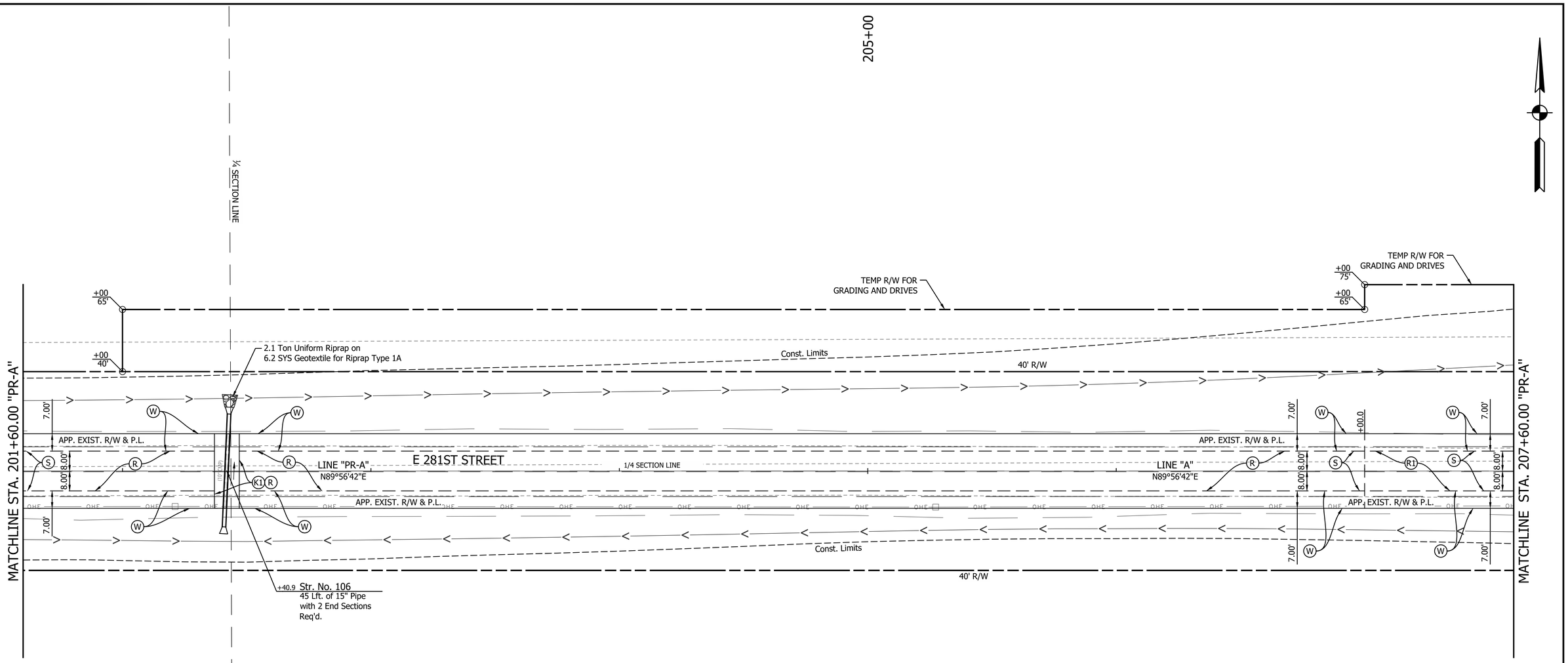
CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 195+60.00 TO 201+60.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	43 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-CD_PR-A_281ST ST_05-31-23.DWG



LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5, mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 1 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- Wetland Delineation

NOTE: ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

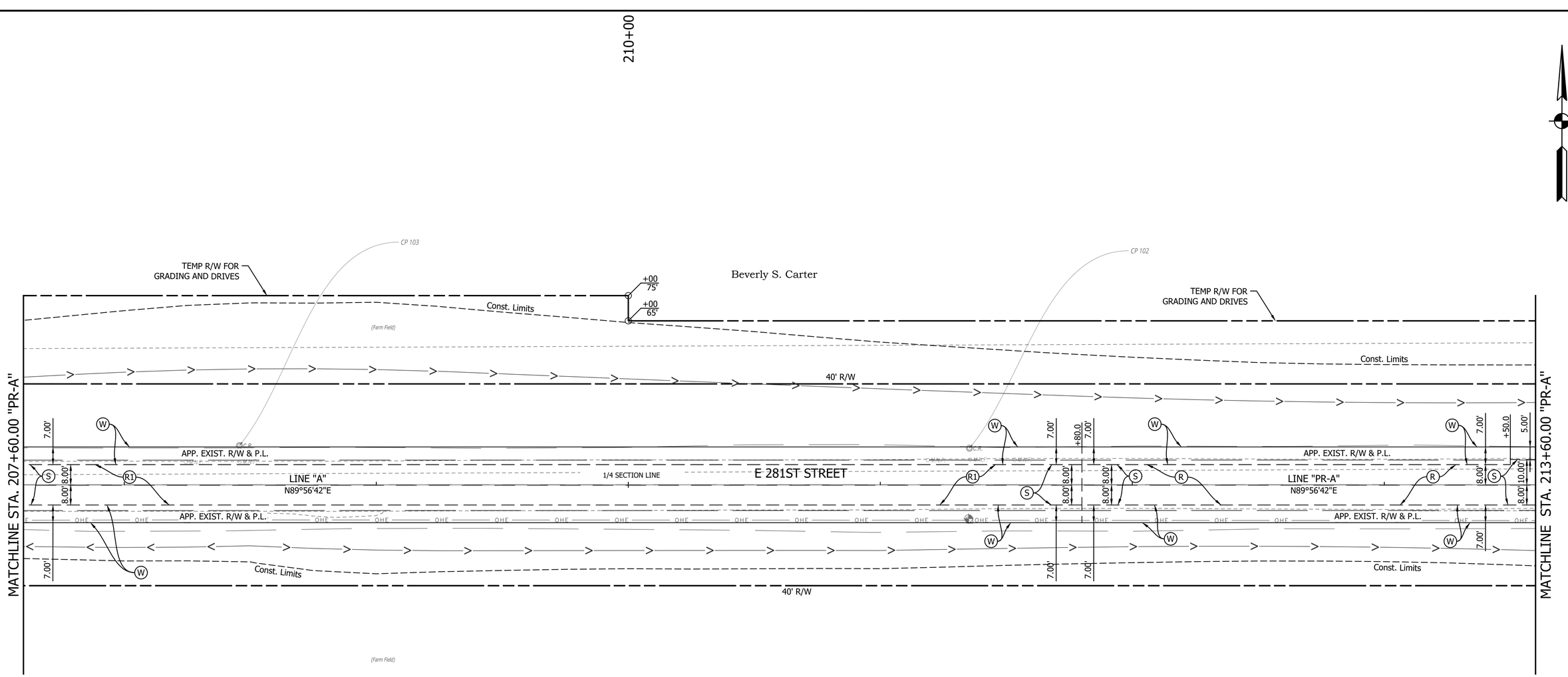
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CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 201+60.00 TO 207+60.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	44 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-CD_PR-A_281ST ST_05-31-23.DWG



LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5, mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 1 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- Wetland Delineation

NOTE: ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: MJR 5/19/2026
DRAWN: MJR 5/19/2026
CHECKED: NDH 5/19/2026
CHECKED: NDH 5/19/2026

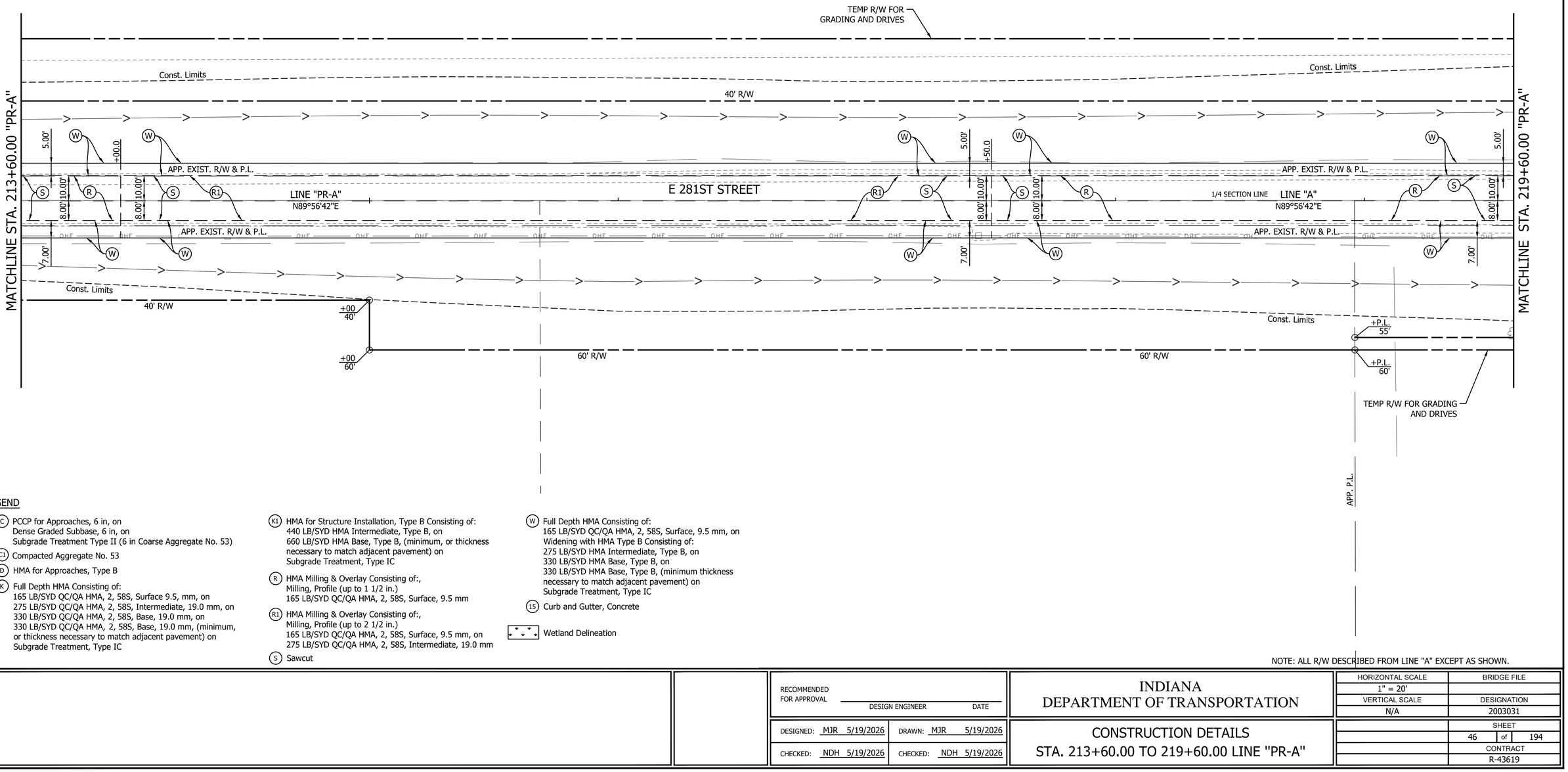
INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 207+60.00 TO 213+60.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	45 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-CD_PR-A_281ST ST_05-31-23.DWG

215+00



LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5, mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base, 19.0 mm, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 1 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 1/2 in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- Wetland Delineation

NOTE: ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER — DATE

DESIGNED: MJR 5/19/2026 | DRAWN: MJR 5/19/2026
CHECKED: NDH 5/19/2026 | CHECKED: NDH 5/19/2026

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 213+60.00 TO 219+60.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	46 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-CD_PR-A_281ST ST_05-31-23.DWG

Beverly S. Carter

Rulon Enterprises LLC

220+00

225+00

MATCHLINE STA. 219+60.00 "PR-A"

MATCHLINE STA. 225+60.00 "PR-A"

TEMP R/W FOR GRADING AND DRIVES

Const. Limits

40' R/W

50' R/W

60' R/W

55' R/W

+35 50'

+35 40'

+20 50'

+20 40'

+24 55'

+24 60'

Mod. Class V Dr. W=24.0' +85.1

+85.4 Str. No. 224
64 Lft. of 42" Pipe with 2 End Sections Req'd.

18.1 Ton Uniform Riprap on 34.1 SYS Geotextile for Riprap Type 1A

LINE "PR-A" N89°56'42"E

LINE "A" N89°56'42"E

E 281ST STREET

APP. EXIST. R/W & P.L.

APP. EXIST R/W & P.L.

5.00'

10.00'

8.00'

7.00'

+35.0

+00.0

4.00'

R25'

R

S

W

R1

3.0 Ton Uniform Riprap on 8.1 SYS Geotextile for Riprap Type 1A

222+05.00, 18.00' Rt.

Tree, 18 IN., Remove

Tree, 10 IN., Remove

Tree, 6 IN., Remove

Pin Flag

+10.5 Str. No. 223A
62 Lft. of 18" Pipe with 2 End Sections Req'd.

Mod. Class II Dr. W=22.2' +42.5

(Grass)

SAN

DND

Septic System Outline

Mod. Class II Dr. W=20.3' +30.6

(Grass)

+30.6 Str. No. 225
64 Lft. of 18" Pipe with 2 End Sections Req'd.

+59.0 Str. No. 227
57 Lft. of 18" Pipe with 2 End Sections Req'd.

Mod. Class V Dr. W=20.0' +59.0

C1

LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
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- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- Wetland Delineation

NOTE: ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MJR 5/19/2026 DRAWN: MJR 5/19/2026

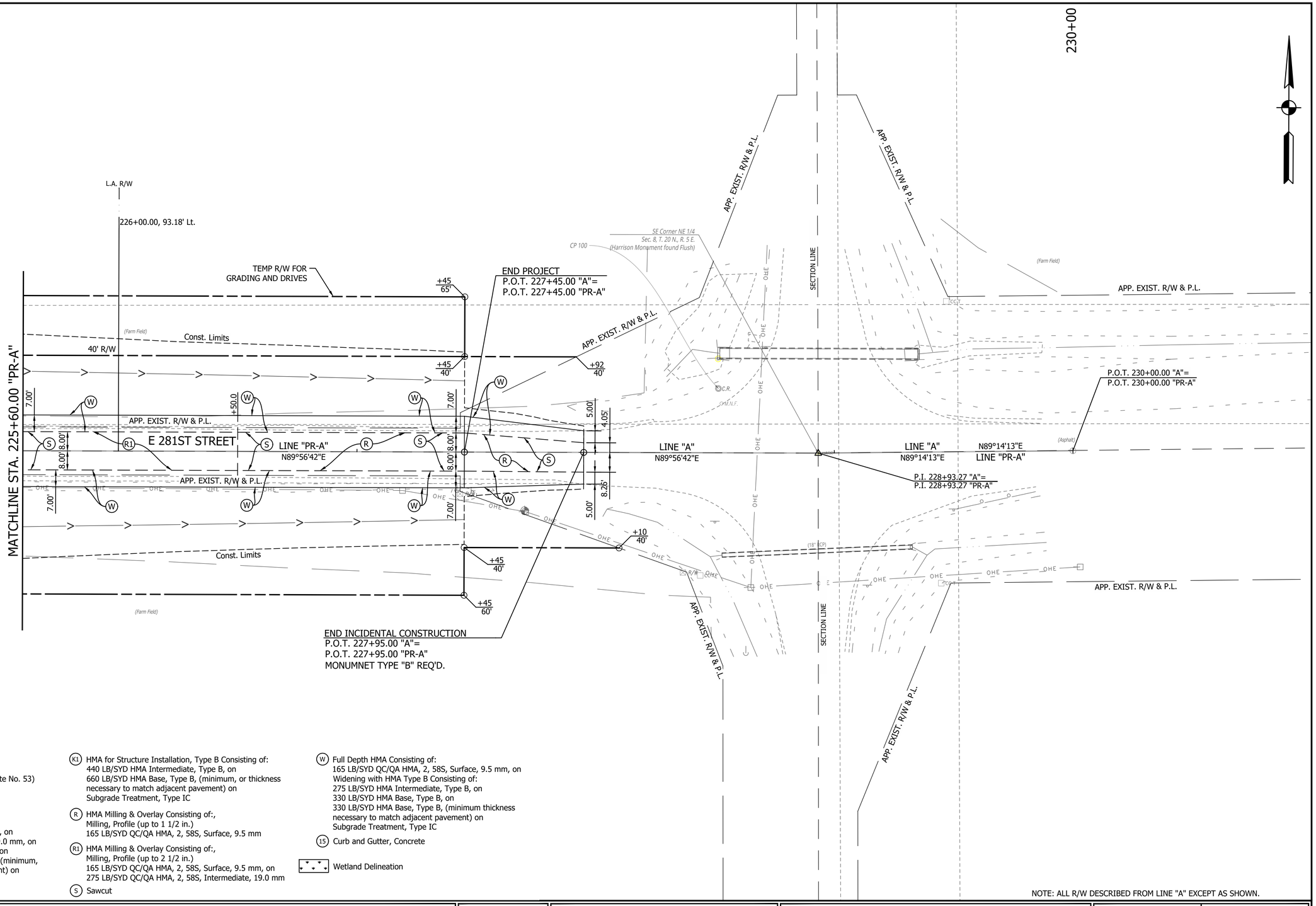
CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 219+60.00 TO 225+60.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	47 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-CD_PR-A_281ST ST_05-31-23.DWG



LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
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- (15) Curb and Gutter, Concrete
- Wetland Delineation

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

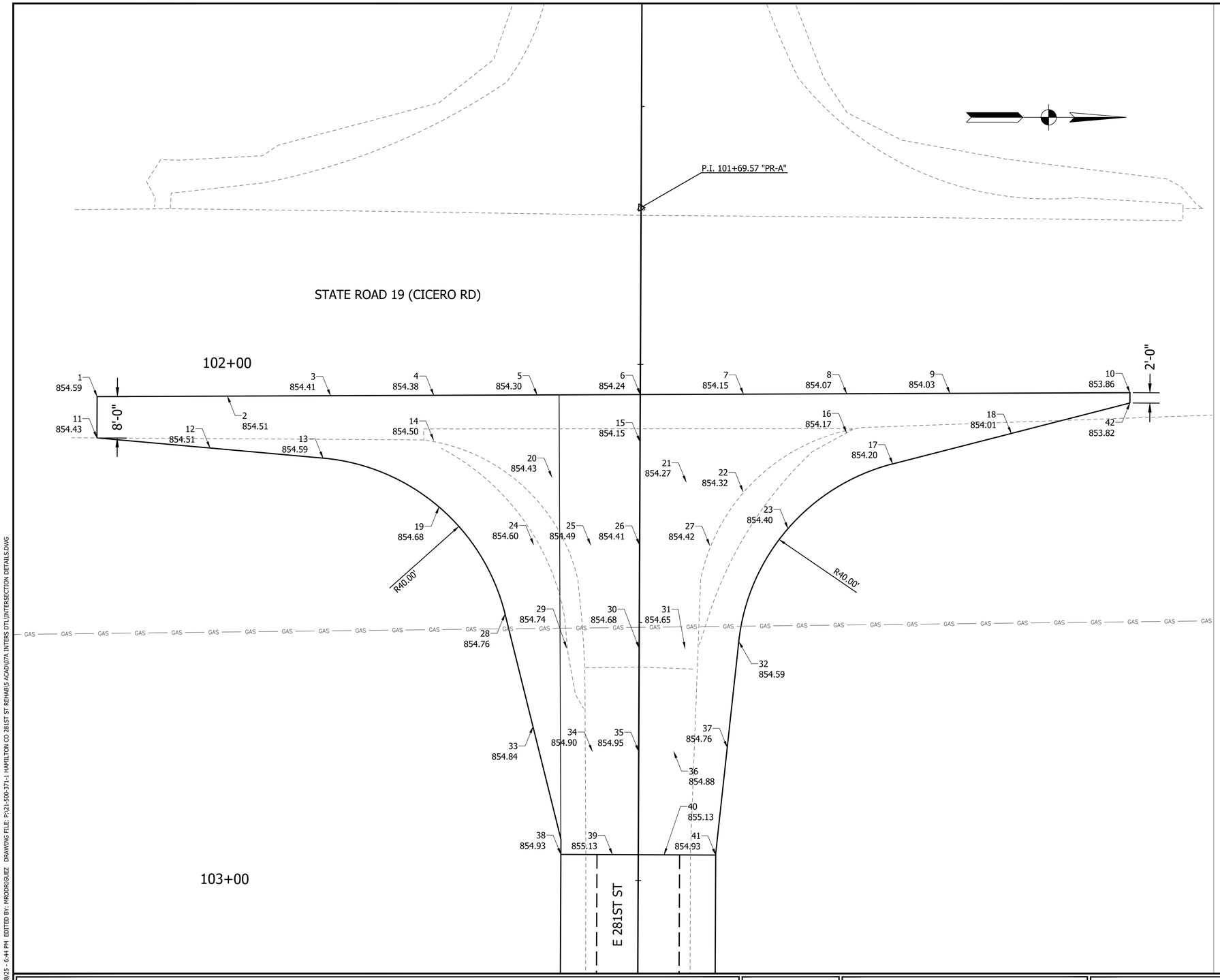
DESIGNED: MJR 5/19/2026 DRAWN: MJR 5/19/2026
CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
STA. 225+60.00 TO 230+00.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	48 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 5/19/26 - 2:17 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-CD_PR-A_281ST ST_05-31-23.DWG



CONTROL POINTS		
POINT #	NORTHING	EASTING
1	226415.0960	781160.8010
2	226440.3336	781160.7050
3	226460.3341	781160.6289
4	226480.3347	781160.5528
5	226500.3352	781160.4767
6	226520.3357	781160.4006
7	226540.3362	781160.3245
8	226560.3367	781160.2485
9	226580.3372	781160.1724
10	226615.2155	781160.0397
11	226415.0616	781168.8009
12	226436.9679	781170.7615
13	226458.8742	781172.7220
14	226480.2973	781169.2550
15	226520.2962	781169.5803
16	226560.3043	781167.7960
17	226569.2417	781173.8398
18	226592.2243	781167.9397
19	226481.3343	781182.1875
20	226503.2072	781176.4281
21	226529.2352	781177.3589
22	226540.2550	781179.2217
23	226548.9559	781186.3913
24	226499.6677	781189.4919
25	226510.7154	781189.5393

CONTROL POINTS		
POINT #	NORTHING	EASTING
26	226520.2103	781189.5802
27	226533.7948	781189.6385
28	226494.1315	781202.9309
29	226506.0694	781209.5196
30	226520.1243	781209.5800
31	226529.0066	781209.6182
32	226539.4224	781208.2583
33	226499.5483	781224.7639
34	226511.0367	781229.5411
35	226520.0383	781229.5798
36	226526.8322	781229.6090
37	226537.1879	781228.8020
38	226504.9525	781249.5151
39	226514.9524	781249.5581
40	226524.9523	781249.6011
41	226534.9522	781249.6441
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RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: ESB 9/18/2025 DRAWN: ESB 9/18/2025

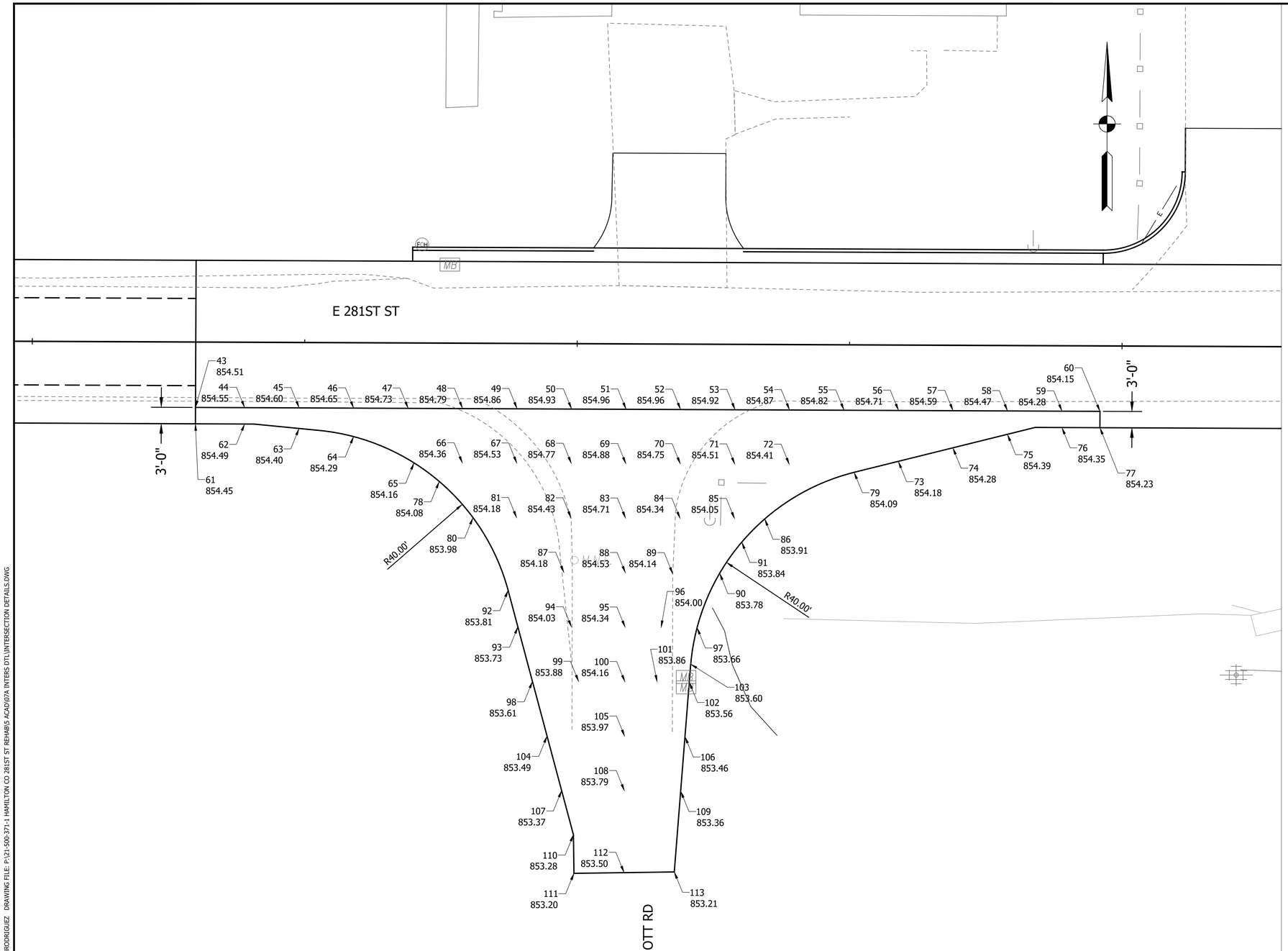
CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
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	CONTRACT
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PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 9/18/25 - 6:44 PM EDITED BY: MRODRIGUEZ DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\S ACAD\07A INTERS DTL\INTERSECTION DETAILS.DWG



CONTROL POINTS		
POINT #	NORTHING	EASTING
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44	226500.4558	782993.5447
45	226500.4128	783003.5446
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47	226500.3269	783023.5445
48	226500.2839	783033.5444
49	226500.2409	783043.5443
50	226500.1979	783053.5442
51	226500.1549	783063.5441
52	226500.1119	783073.5440
53	226500.0690	783083.5439
54	226500.0260	783093.5438
55	226499.9830	783103.5437
56	226499.9400	783113.5436
57	226499.8970	783123.5435
58	226499.8540	783133.5434
59	226499.8110	783143.5433
60	226499.7811	783150.5140
61	226497.4947	782984.4991
62	226497.4558	782993.5318
63	226496.6379	783003.5284
64	226495.1450	783013.5221
65	226490.3222	783024.6150
66	226490.2840	783033.5014
67	226490.2410	783043.5013
68	226490.1980	783053.5012
69	226490.1550	783063.5011
70	226490.1120	783073.5010
71	226490.0690	783083.5009
72	226490.0261	783093.5008
73	226490.6067	783113.5035
74	226493.0882	783123.5143
75	226495.5698	783133.5250
76	226496.8111	783143.5304
77	226496.7811	783150.5011
78	226486.9149	783029.2474
79	226488.5943	783105.3854
80	226480.2755	783035.4411
81	226480.2411	783043.4583
82	226480.1981	783053.4582

CONTROL POINTS		
POINT #	NORTHING	EASTING
83	226480.1551	783063.4581
84	226480.1121	783073.4580
85	226480.0691	783083.4579
86	226480.0454	783088.9821
87	226470.2037	783052.1257
88	226470.1552	783063.4151
89	226469.9418	783072.1077
90	226470.0809	783080.7098
91	226475.7924	783084.7672
92	226466.9480	783041.8852
93	226460.2399	783043.6791
94	226460.1976	783053.5256
95	226460.1553	783063.3721
96	226460.1269	783069.9684
97	226460.0986	783076.5647
98	226450.2283	783046.3566
99	226450.1919	783054.8429
100	226450.1554	783063.3292
101	226450.1300	783069.2343
102	226450.1046	783075.1395
103	226453.4033	783075.4006
104	226440.2167	783049.0340
105	226440.1555	783063.2862
106	226440.1079	783074.3482
107	226430.2051	783051.7115
108	226430.1556	783063.2432
109	226430.1112	783073.5568
110	226422.1095	783053.8765
111	226415.0269	783053.9745
112	226415.1542	783063.1787
113	226415.2815	783072.3829

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 9/18/25 - 6:44 PM EDITED BY: MRODRIGUEZ DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\S ACAD\07A INTERS DTL\INTERSECTION DETAILS.DWG

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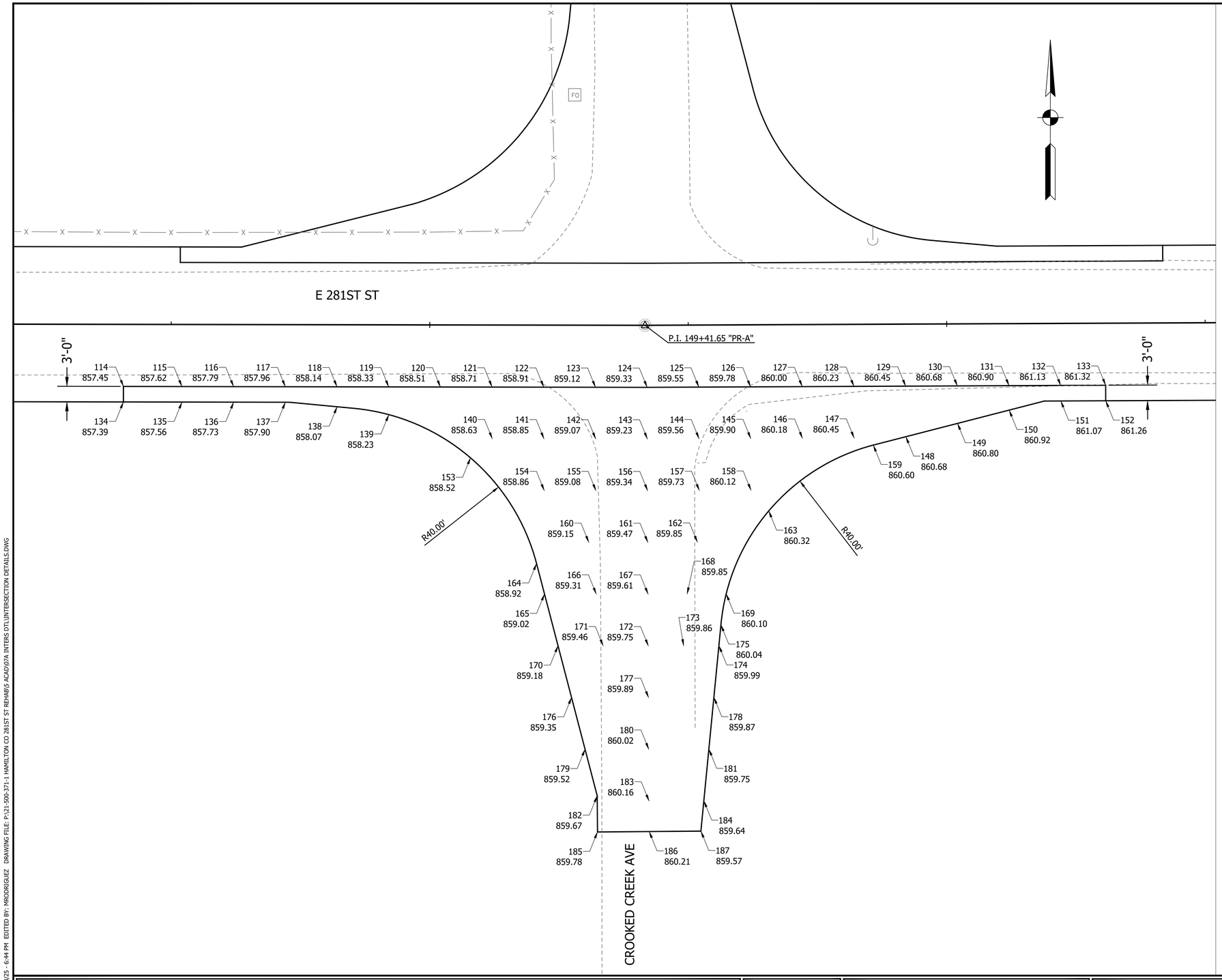
DESIGNED: MJR 9/18/2025 DRAWN: ESB 9/18/2025

CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
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CONTROL POINTS		
POINT #	NORTHING	EASTING
114	226653.9361	785779.0928
115	226653.9160	785790.4029
116	226653.8983	785800.4031
117	226653.8806	785810.4033
118	226653.8628	785820.4035
119	226653.8451	785830.4036
120	226653.8274	785840.4038
121	226653.8096	785850.4040
122	226653.7919	785860.4042
123	226653.7742	785870.4044
124	226653.7590	785880.4046
125	226653.8047	785890.4044
126	226653.8505	785900.4043
127	226653.8962	785910.4042
128	226653.9420	785920.4041
129	226653.9877	785930.4040
130	226654.0334	785940.4039
131	226654.0792	785950.4038
132	226654.1249	785960.4037
133	226654.1647	785969.0923
134	226650.9361	785779.0875
135	226650.9160	785790.4166
136	226650.8983	785800.4168
137	226650.8805	785810.4170
138	226650.0048	785820.4211
139	226648.4790	785830.4282
140	226643.8095	785850.4498
141	226643.7918	785860.4499
142	226643.7741	785870.4501
143	226643.7591	785880.4503
144	226643.8048	785890.4502
145	226643.8506	785900.4501
146	226643.8963	785910.4500
147	226643.9421	785920.4499
148	226644.2125	785930.4487
149	226646.7848	785940.4371
150	226649.3572	785950.4254
151	226651.1250	785960.4174
152	226651.1647	785969.1060
153	226640.1250	785846.2268

CONTROL POINTS		
POINT #	NORTHING	EASTING
154	226633.7917	785860.4957
155	226633.7740	785870.4959
156	226633.7592	785880.4960
157	226633.8049	785890.4959
158	226633.8507	785900.4958
159	226642.5889	785924.1448
160	226623.7780	785869.1149
161	226623.7593	785880.5418
162	226623.8031	785890.1265
163	226629.8650	785903.9243
164	226619.6826	785859.0019
165	226613.7916	785860.5418
166	226613.7755	785870.5647
167	226613.7594	785880.5875
168	226613.7939	785888.1388
169	226613.8285	785895.6901
170	226603.7869	785863.1571
171	226603.7732	785871.8952
172	226603.7595	785880.6333
173	226603.7907	785887.4567
174	226603.8219	785894.2802
175	226607.8393	785894.6702
176	226593.7823	785865.7724
177	226593.7596	785880.6790
178	226593.8174	785893.3090
179	226583.7776	785868.3877
180	226583.7597	785880.7248
181	226583.8128	785892.3378
182	226574.7774	785870.7405
183	226573.7598	785880.7705
184	226573.8083	785891.3667
185	226567.7957	785870.7977
186	226567.8596	785880.7975
187	226567.9423	785890.7972

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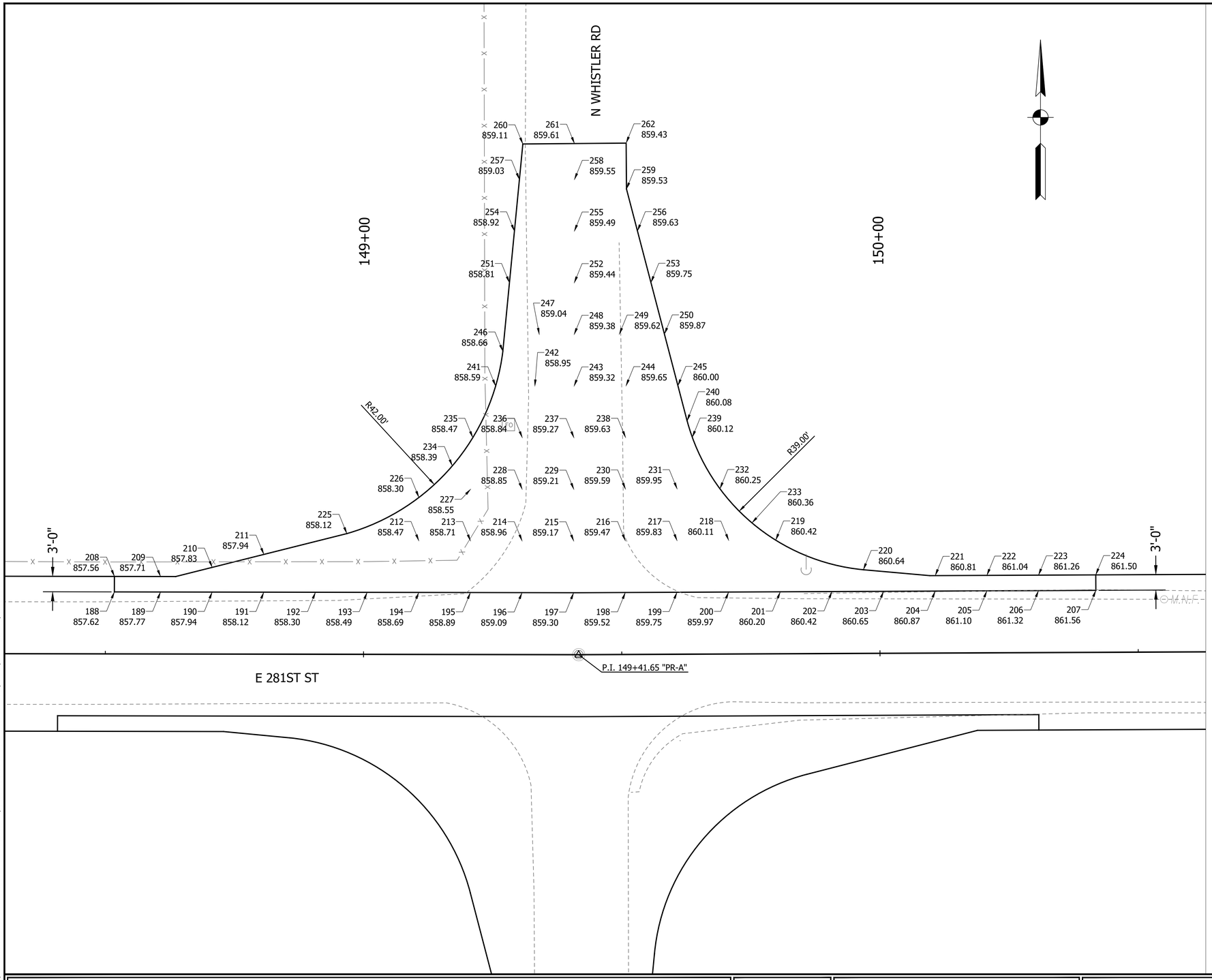
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INDIANA
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
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CONTROL POINTS		
POINT #	NORTHING	EASTING
188	226677.9166	785790.0960
189	226677.9008	785799.0305
190	226677.8830	785809.0305
191	226677.8653	785819.0304
192	226677.8476	785829.0304
193	226677.8298	785839.0304
194	226677.8121	785849.0304
195	226677.7944	785859.0304
196	226677.7767	785869.0304
197	226677.7589	785879.0304
198	226677.7987	785889.0304
199	226677.8444	785899.0305
200	226677.8902	785909.0306
201	226677.9359	785919.0307
202	226677.9817	785929.0308
203	226678.0274	785939.0309
204	226678.0732	785949.0310
205	226678.1189	785959.0311
206	226678.1647	785969.0312
207	226678.2155	785980.1354
208	226680.9166	785790.1013
209	226680.9008	785799.0358
210	226682.6671	785809.0389
211	226685.1761	785819.0434
212	226687.8121	785849.0481
213	226687.7944	785859.0481
214	226687.7766	785869.0481
215	226687.7589	785879.0481
216	226687.8032	785889.0482
217	226687.8474	785899.0483
218	226687.8917	785909.0484
219	226687.9320	785918.1527
220	226682.2095	785935.1166
221	226681.0732	785949.0363
222	226681.1190	785959.0364
223	226681.1647	785969.0365
224	226681.2154	785980.1217
225	226689.2068	785835.1161
226	226696.2075	785849.0630
227	226697.7943	785859.0658

CONTROL POINTS		
POINT #	NORTHING	EASTING
228	226697.7766	785869.0658
229	226697.7589	785879.0658
230	226697.8027	785889.0659
231	226697.8464	785899.0660
232	226697.8827	785907.3516
233	226691.2824	785913.5446
234	226702.3201	785855.5268
235	226707.7936	785859.4933
236	226707.7766	785869.0836
237	226707.7589	785879.0835
238	226707.8023	785889.0836
239	226707.8583	785901.9951
240	226711.0348	785900.9942
241	226717.7858	785863.9147
242	226717.7723	785871.5080
243	226717.7589	785879.1013
244	226717.8023	785889.1575
245	226717.8457	785899.2138
246	226724.5191	785865.3124
247	226727.7708	785872.3732
248	226727.7588	785879.1190
249	226727.7963	785887.8609
250	226727.8338	785896.6028
251	226737.7811	785866.5923
252	226737.7588	785879.1367
253	226737.8220	785893.9918
254	226747.7794	785867.5572
255	226747.7588	785879.1545
256	226747.8102	785891.3808
257	226757.7777	785868.5221
258	226757.7588	785879.1722
259	226755.9400	785889.2556
260	226764.6616	785869.1864
261	226764.7436	785879.1846
262	226764.8256	785889.1828

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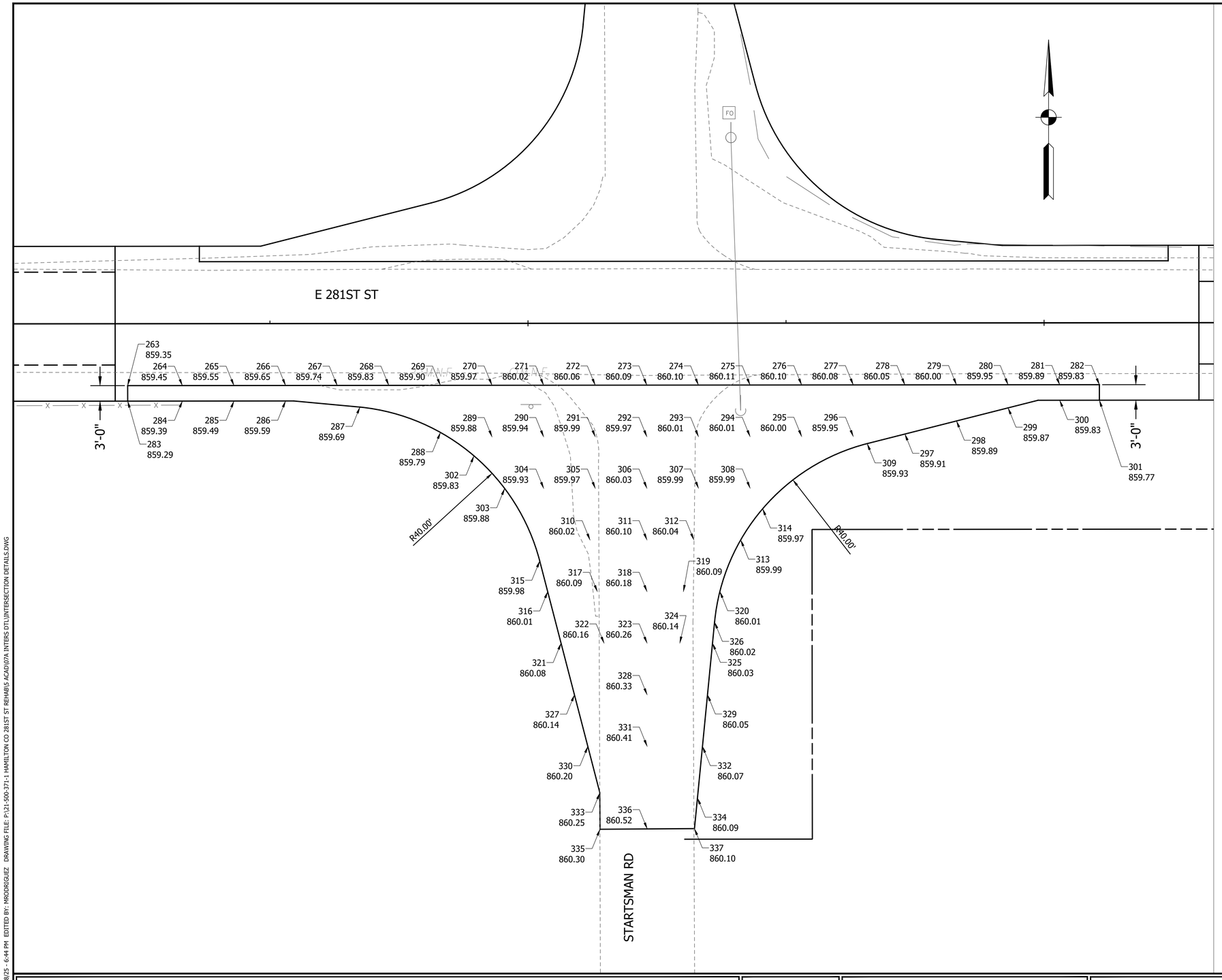
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INDIANA
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INTERSECTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
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CONTROL POINTS		
POINT #	NORTHING	EASTING
263	226667.0863	789760.7414
264	226667.0965	789771.3362
265	226667.1061	789781.3362
266	226667.1157	789791.3362
267	226667.1253	789801.3362
268	226667.1349	789811.3362
269	226667.1445	789821.3362
270	226667.1541	789831.3362
271	226667.1638	789841.3362
272	226667.1734	789851.3362
273	226667.1830	789861.3362
274	226667.1926	789871.3362
275	226667.2022	789881.3361
276	226667.2118	789891.3361
277	226667.2214	789901.3361
278	226667.2310	789911.3361
279	226667.2407	789921.3361
280	226667.2503	789931.3361
281	226667.2599	789941.3361
282	226667.2673	789949.0261
283	226664.0863	789760.7443
284	226664.0965	789771.3391
285	226664.1061	789781.3391
286	226664.1157	789791.3391
287	226662.9295	789805.7455
288	226658.0114	789821.3450
289	226657.1541	789831.3458
290	226657.1638	789841.3458
291	226657.1734	789851.3458
292	226657.1830	789861.3458
293	226657.1926	789871.3458
294	226657.2022	789881.3458
295	226657.2118	789891.3458
296	226657.2214	789901.3458
297	226657.7080	789911.3453
298	226660.2443	789921.3429
299	226662.7806	789931.3404
300	226664.2599	789941.3390
301	226664.2673	789949.0290
302	226653.4780	789827.8417

CONTROL POINTS		
POINT #	NORTHING	EASTING
303	226647.1565	789833.7848
304	226647.1638	789841.3554
305	226647.1734	789851.3554
306	226647.1830	789861.3554
307	226647.1926	789871.3554
308	226647.2022	789881.3554
309	226655.8540	789904.0370
310	226637.1724	789850.3295
311	226637.1830	789861.3650
312	226637.1917	789870.4491
313	226637.2005	789879.5333
314	226643.2306	789883.7847
315	226633.1027	789840.5861
316	226627.1645	789842.1264
317	226627.1737	789851.7505
318	226627.1830	789861.3746
319	226627.1898	789868.4320
320	226627.1966	789875.4893
321	226617.1670	789844.7197
322	226617.1750	789853.0519
323	226617.1830	789861.3842
324	226617.1891	789867.7253
325	226617.1952	789874.0664
326	226621.2624	789874.4621
327	226607.1695	789847.3129
328	226607.1830	789861.3938
329	226607.1943	789873.0933
330	226597.1720	789849.9062
331	226597.1830	789861.4034
332	226597.1933	789872.1201
333	226588.1753	789852.2398
334	226587.1924	789871.1470
335	226581.1222	789852.2692
336	226581.1842	789861.4188
337	226581.2462	789870.5684

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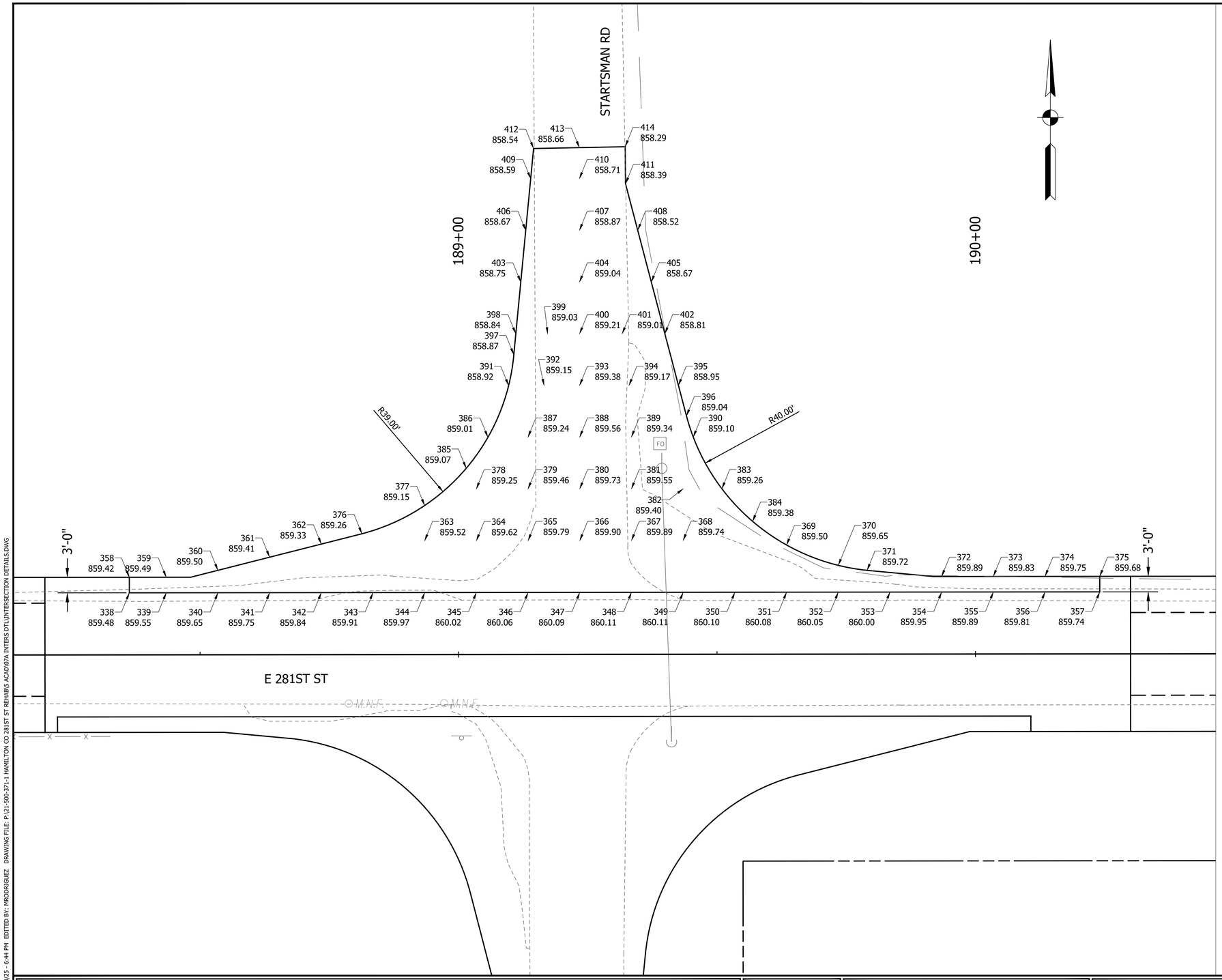
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INDIANA
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
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CONTROL POINTS		
POINT #	NORTHING	EASTING
338	226691.0996	789774.6339
339	226691.1065	789781.7722
340	226691.1161	789791.7722
341	226691.1257	789801.7722
342	226691.1353	789811.7722
343	226691.1450	789821.7722
344	226691.1546	789831.7722
345	226691.1642	789841.7722
346	226691.1738	789851.7722
347	226691.1834	789861.7722
348	226691.1930	789871.7722
349	226691.2026	789881.7722
350	226691.2122	789891.7721
351	226691.2219	789901.7721
352	226691.2315	789911.7721
353	226691.2411	789921.7721
354	226691.2507	789931.7721
355	226691.2603	789941.7721
356	226691.2699	789951.7721
357	226691.2801	789962.3510
358	226694.0996	789774.6310
359	226694.1065	789781.7693
360	226695.4464	789791.7680
361	226697.9827	789801.7656
362	226700.5190	789811.7632
363	226701.1546	789831.7626
364	226701.1642	789841.7626
365	226701.1738	789851.7626
366	226701.1834	789861.7625
367	226701.1930	789871.7625
368	226701.2026	789881.7625
369	226700.3373	789901.7634
370	226696.4002	789911.7672
371	226695.4368	789917.3470
372	226694.2507	789931.7692
373	226694.2603	789941.7692
374	226694.2699	789951.7692
375	226694.2801	789962.3481
376	226702.5129	789819.6229
377	226707.9779	789831.7560

CONTROL POINTS		
POINT #	NORTHING	EASTING
378	226711.1642	789841.7529
379	226711.1738	789851.7529
380	226711.1834	789861.7529
381	226711.1930	789871.7529
382	226711.2026	789881.7529
383	226711.2098	789889.2561
384	226704.9009	789895.2041
385	226715.1713	789839.7957
386	226721.1663	789843.9930
387	226721.1738	789851.7433
388	226721.1834	789861.7433
389	226721.1930	789871.7433
390	226721.2045	789883.7168
391	226731.1702	789847.9987
392	226731.1768	789854.8662
393	226731.1834	789861.7337
394	226731.1926	789871.2931
395	226731.2018	789880.8525
396	226725.2973	789882.4031
397	226737.1344	789849.0046
398	226741.1715	789849.3921
399	226741.1775	789855.5581
400	226741.1834	789861.7241
401	226741.1913	789869.9755
402	226741.1992	789878.2269
403	226751.1725	789850.3521
404	226751.1834	789861.7145
405	226751.1967	789875.6013
406	226761.1734	789851.3121
407	226761.1834	789861.7049
408	226761.1942	789872.9758
409	226771.1743	789852.2722
410	226771.1834	789861.6953
411	226770.1892	789870.6135
412	226777.0111	789852.8325
413	226777.1866	789861.6895
414	226777.3620	789870.5465

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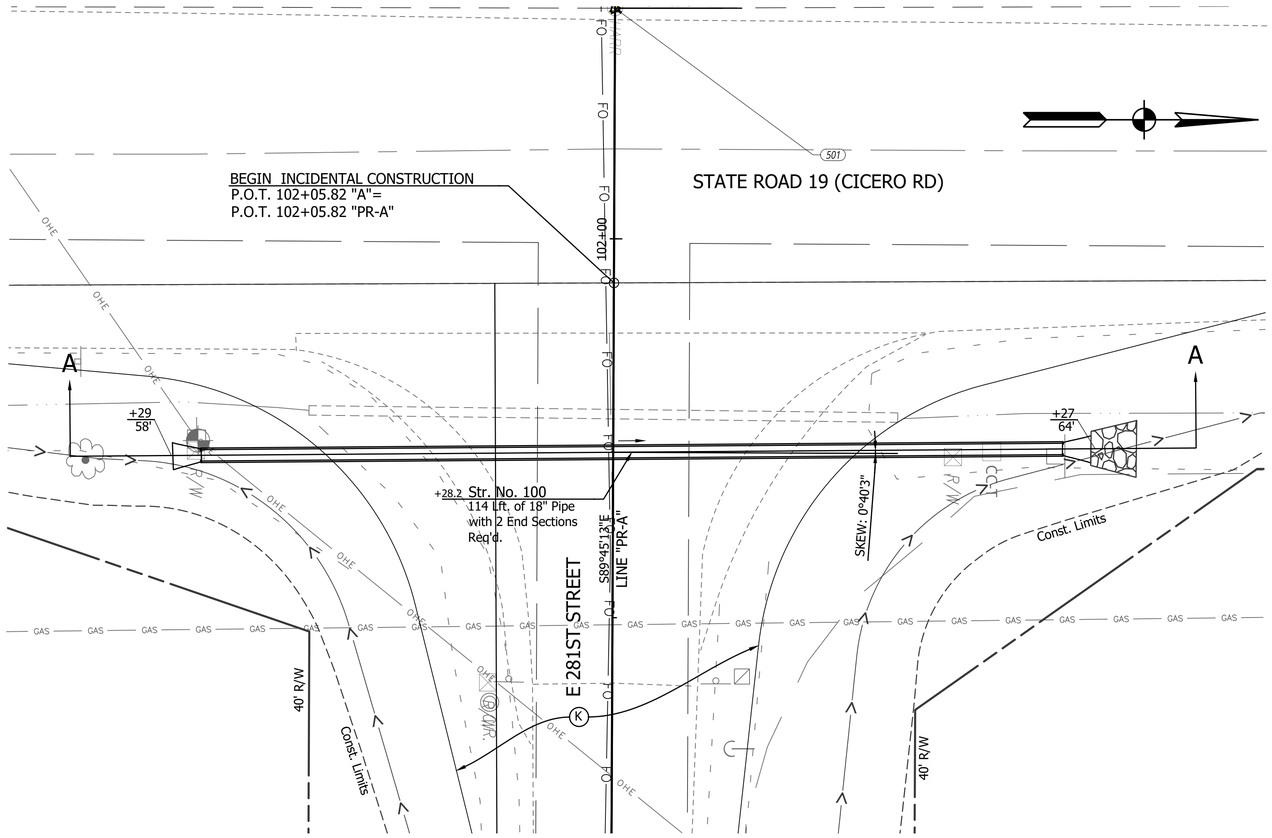
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CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

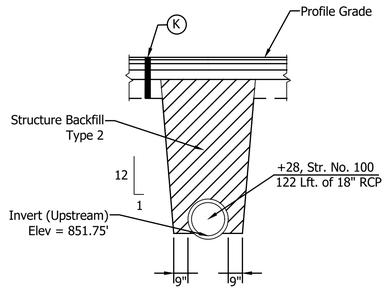
INTERSECTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
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PLAN VIEW
SCALE: 1" = 10'-0"



STRUCTURE BACKFILL AT PIPE
SCALE: 1/4" = 1'-0"

HYDRAULIC DATA

Drainage Area	= 2.94 acres
Q25 Discharge	= 6.89 cfs
Headwater Elevation at Q25	= 853.61 ft
Backwater at Q100	= 0.73 ft
Velocity at Q25	= 6.10 ft/s
Skew	= 00° 31' 59"
Existing Q25 Discharge	= 6.89 cfs
Existing Headwater Elevation at Q25	= 853.87 ft
Existing Backwater at Q100	= 1.61 ft
Existing Velocity at Q25	= 4.53 ft/s

NOTES:

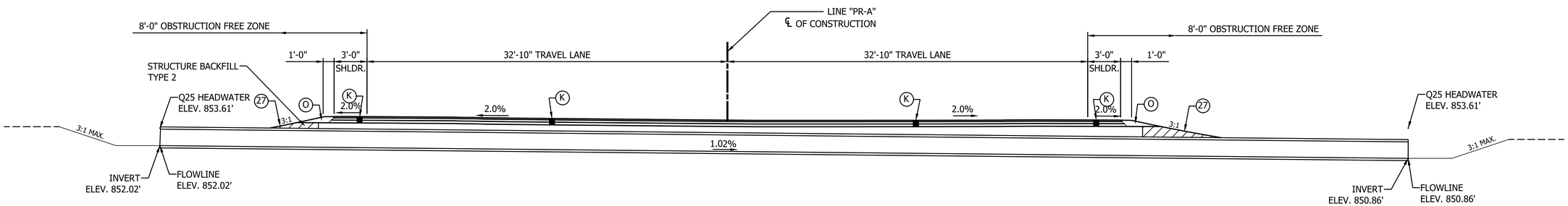
1. Contractor Shall Verify Existing Flowline Elevation to set the Appropriate Sump Depth.
2. Reinforcement in the Pipe Shall be Epoxy Coated.

GENERAL PLAN

SMOOTH INTERIOR CONCRETE PIPE
SPAN: 1'-6" RISE: 1'-6"
30'-0" CLEAR ROADWAY SKEW: 00°31'59"
281st ST
HAMILTON COUNTY

LEGEND

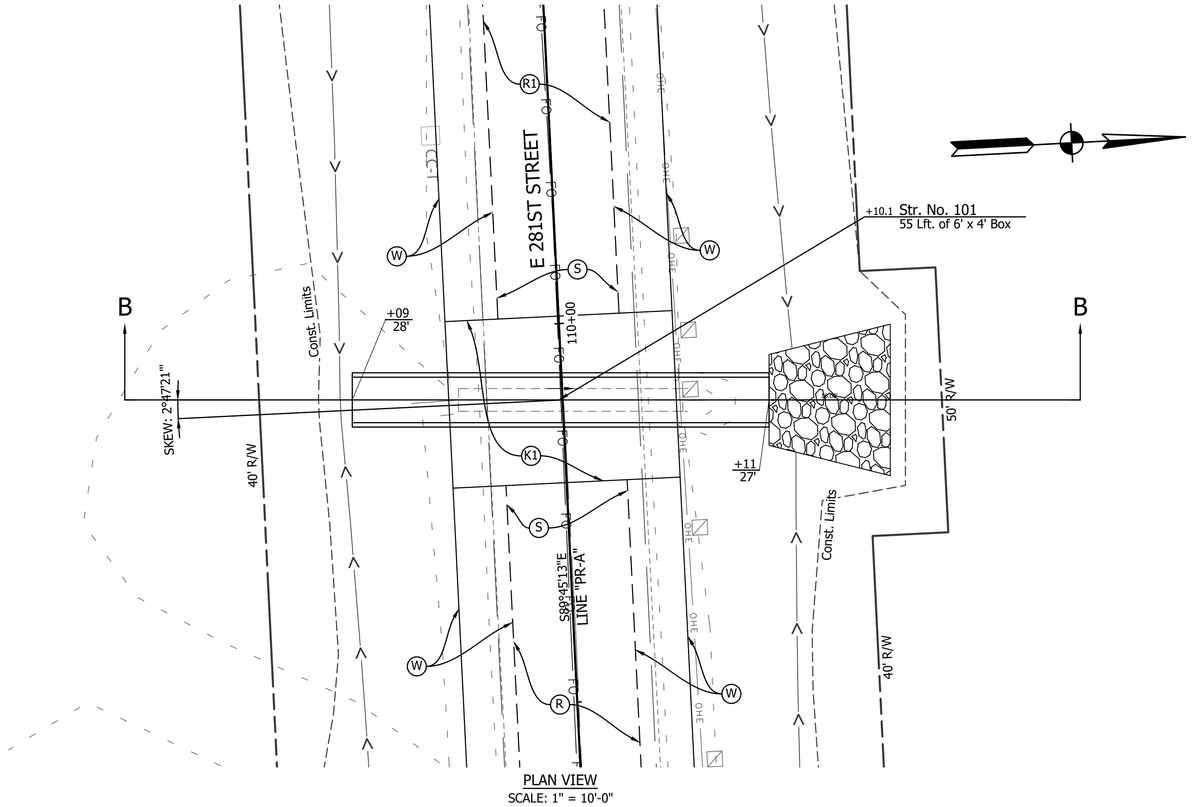
- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 220 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate 19 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base 19 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base 19 mm, (minimum, or thickness necessary to match adjacent pavement) on 3" Compacted Aggregate Base, No. 53, on Subgrade Treatment Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- Wetland Delineation
- (O) Compacted Aggregate, No. 53
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile 220 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 ½ in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- (27) Seeding Consisting of:, Seed Mixture, R Fertilizer Mulching Material
- (29) Erosion Control Blanket

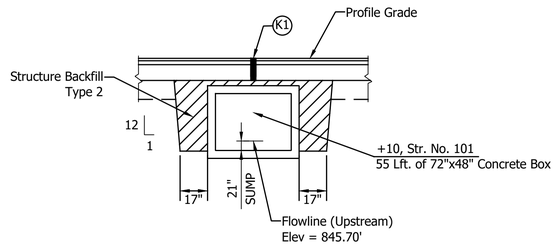


SECTION A-A
SCALE: 1" = 5'-0"

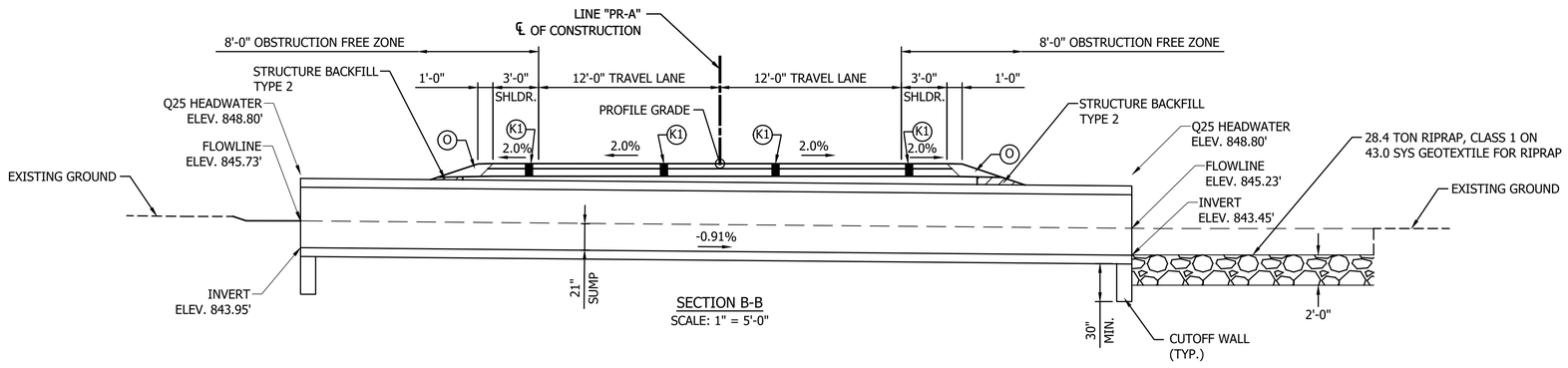
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DESIGNED: ESB 9/24/2025	DRAWN: ESB 9/24/2025	CULVERT DESIGN DETAILS STR. NO. 100	SHEET: 55 of 194
CHECKED: NDH 5/19/2026	CHECKED: NDH 5/19/2026		CONTRACT: R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 12/13/23 - 3:24 PM EDITED BY: MRODRIGUEZ DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHABS\ACAD\103 GENERAL PLAN\RD-GENERAL PLAN-281ST ST.DWG





STRUCTURE BACKFILL AT PIPE
SCALE: 1/4" = 1'-0"



SECTION B-B
SCALE: 1" = 5'-0"

LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 220 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate 19 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base 19 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base 19 mm, (minimum, or thickness necessary to match adjacent pavement) on 3" Compacted Aggregate Base, No. 53, on Subgrade Treatment Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- Wetland Delineation
- (O) Compacted Aggregate, No. 53
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile 220 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 ½ in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- (27) Seeding Consisting of:, Seed Mixture, R Fertilizer Mulching Material
- (29) Erosion Control Blanket

HYDRAULIC DATA

Drainage Area	= 49.89 acres
Q25 Discharge	= 66.57 cfs
Headwater Elevation at Q25	= 848.80 ft
Backwater at Q100	= 1.92 ft
Velocity at Q25	= 7.11 ft/s
Skew	= 2° 47' 21"
Existing Q25 Discharge	= 53.41 cfs
Existing Headwater Elevation at Q25	= 849.94 ft
Existing Backwater at Q100	= 4.12 ft
Existing Velocity at Q25	= 8.90 ft/s

NOTES:
1. Contractor Shall Verify Existing Flowline Elevation to set the Appropriate Sump Depth.
2. Reinforcement in the Pipe Shall be Epoxy Coated.

GENERAL PLAN
SMOOTH INTERIOR CONCRETE BOX
SPAN: 6'-0" RISE: 4'-0"
30'-0" CLEAR ROADWAY SKEW: 2° 47' 21"
281st ST
HAMILTON COUNTY

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

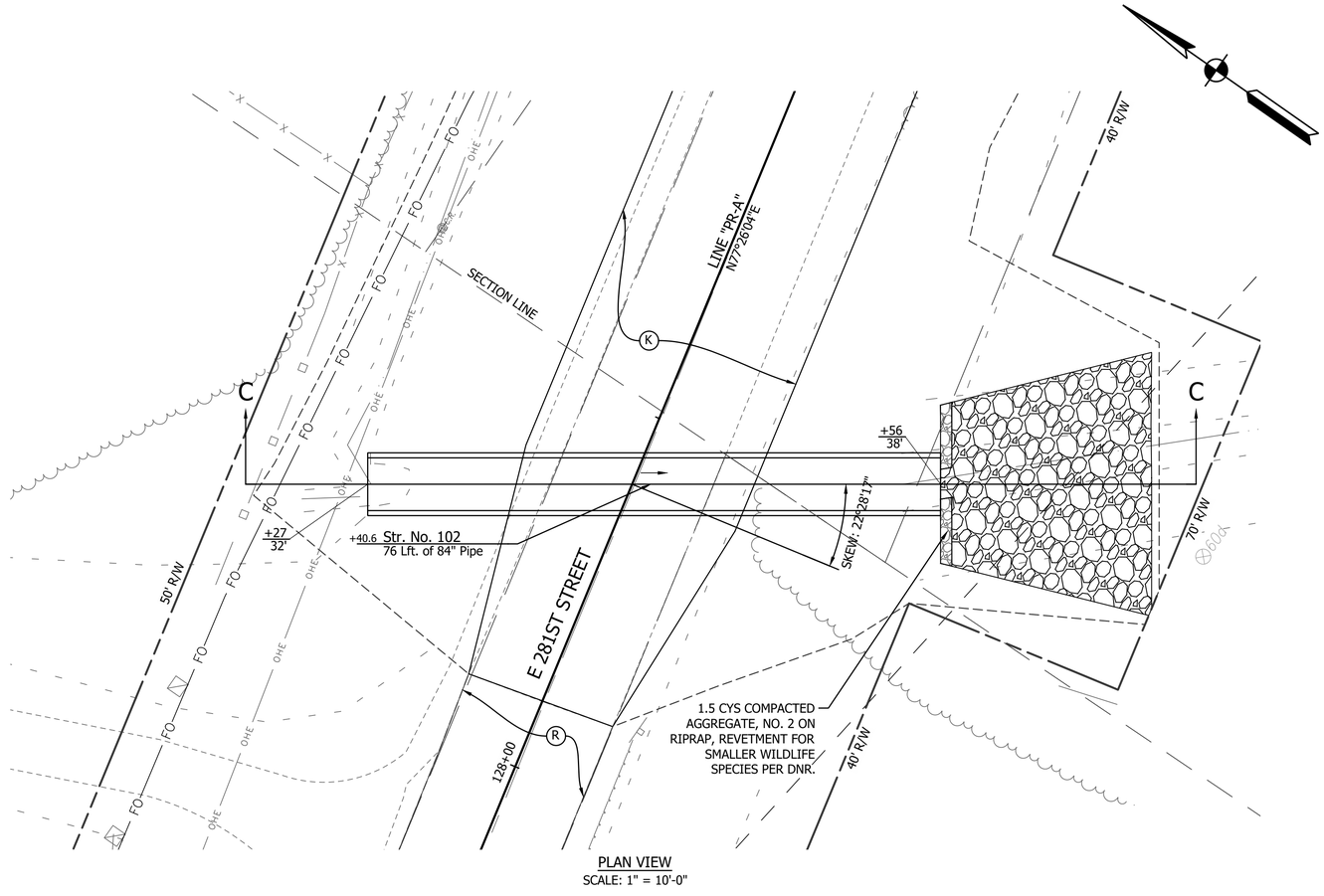
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INDIANA
DEPARTMENT OF TRANSPORTATION

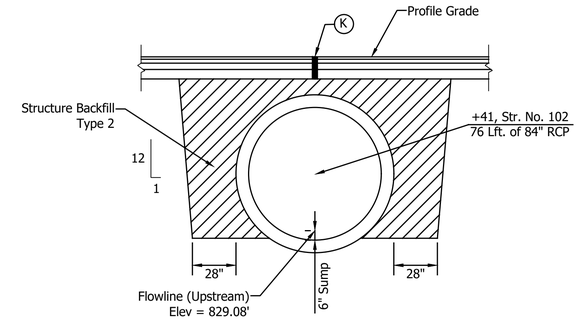
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	R-43619

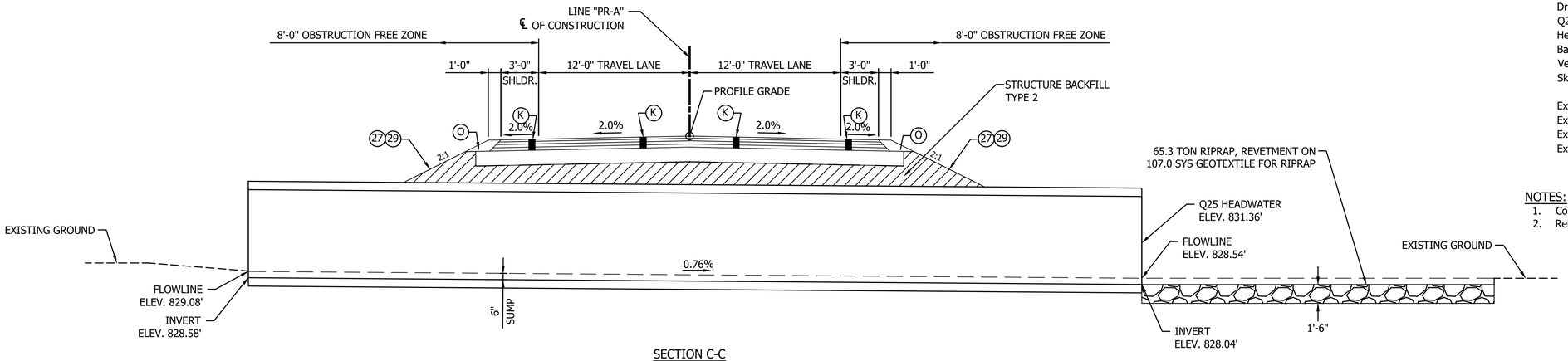
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PLAN VIEW
SCALE: 1" = 10'-0"



STRUCTURE BACKFILL AT PIPE
SCALE: 1/4" = 1'-0"



SECTION C-C
SCALE: 1" = 5'-0"

LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 220 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate 19 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base 19 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base 19 mm, (minimum, or thickness necessary to match adjacent pavement) on 3" Compacted Aggregate Base, No. 53, on Subgrade Treatment Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- Wetland Delineation
- (O) Compacted Aggregate, No. 53
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile 220 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 ½ in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- (27) Seeding Consisting of:, Seed Mixture, R Fertilizer Mulching Material
- (29) Erosion Control Blanket

HYDRAULIC DATA

Drainage Area	= 43.35 acres
Q25 Discharge	= 61.33 cfs
Headwater Elevation at Q25	= 831.36 ft
Backwater at Q100	= 0.05 ft
Velocity at Q25	= 6.86 ft/s
Skew	= 22° 28' 17"
Existing Q25 Discharge	= 61.33 cfs
Existing Headwater Elevation at Q25	= 832.41 ft
Existing Backwater at Q100	= 1.10 ft
Existing Velocity at Q25	= 6.11 ft/s

NOTES:

1. Contractor Shall Verify Existing Flowline Elevation to set the Appropriate Sump Depth.
2. Reinforcement in the Pipe Shall be Epoxy Coated.

GENERAL PLAN

SMOOTH INTERIOR CONCRETE PIPE
SPAN: 7'-0" RISE: 7'-0"
31'-7" CLEAR ROADWAY SKEW: 22° 28' 17"
281ST ST
HAMILTON COUNTY

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

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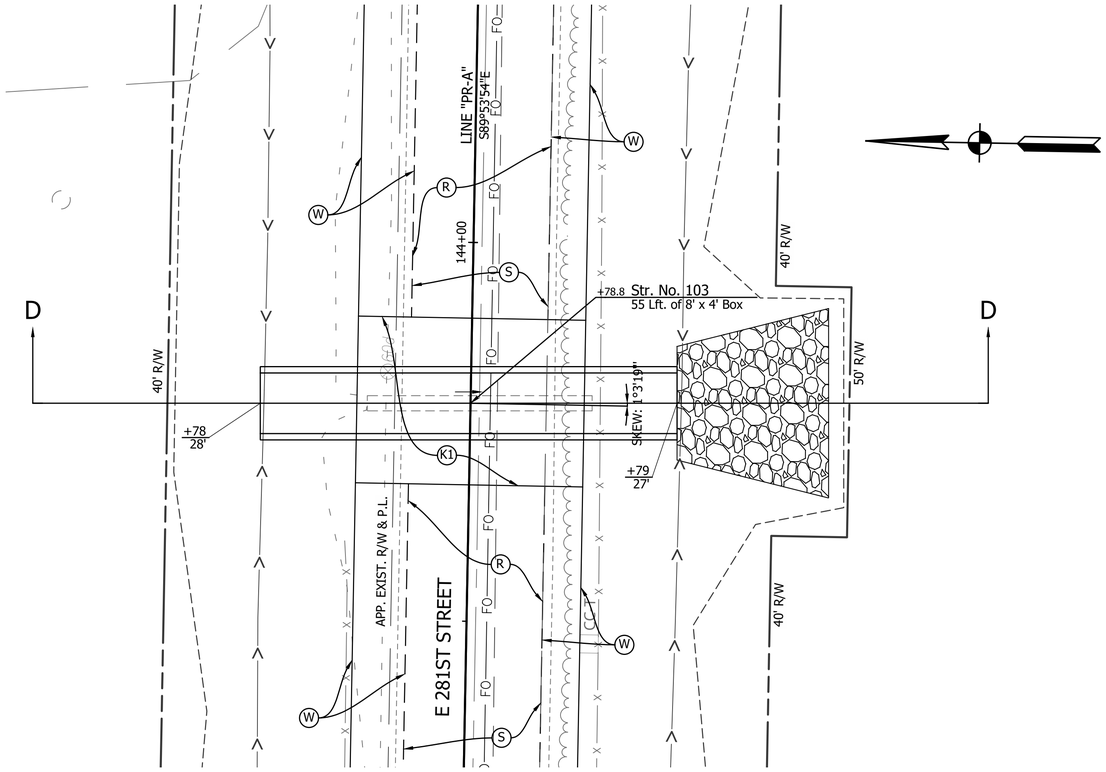
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INDIANA
DEPARTMENT OF TRANSPORTATION

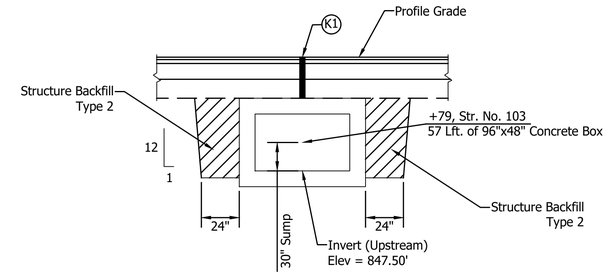
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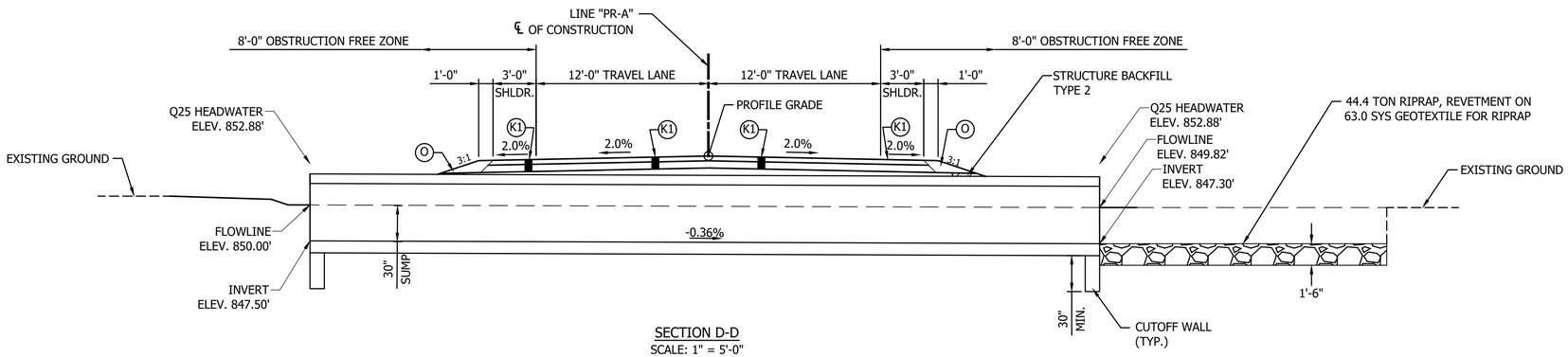
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PLAN VIEW
SCALE: 1" = 10'-0"



STRUCTURE BACKFILL AT PIPE
SCALE: 1/4" = 1'-0"



SECTION D-D
SCALE: 1" = 5'-0"

LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 220 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate 19 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base 19 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base 19 mm, (minimum, or thickness necessary to match adjacent pavement) on 3" Compacted Aggregate Base, No. 53, on Subgrade Treatment Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- Wetland Delineation
- (O) Compacted Aggregate, No. 53
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile 220 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 ½ in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- (27) Seeding Consisting of:, Seed Mixture, R Fertilizer Mulching Material
- (29) Erosion Control Blanket

HYDRAULIC DATA

Drainage Area	= 54.36 acres
Q25 Discharge	= 74.92 cfs
Headwater Elevation at Q25	= 852.88 ft
Backwater at Q100	= 2.11 ft
Velocity at Q25	= 6.72 ft/s
Skew	= 1° 3' 19"
Existing Q25 Discharge	= 24.26 cfs
Existing Headwater Elevation at Q25	= 853.81 ft
Existing Backwater at Q100	= 3.79 ft
Existing Velocity at Q25	= 8.35 ft/s

NOTES:

1. Contractor Shall Verify Existing Flowline Elevation to set the Appropriate Sump Depth.
2. Reinforcement in the Pipe Shall be Epoxy Coated.

GENERAL PLAN

SMOOTH INTERIOR CONCRETE BOX
SPAN: 8'-0" RISE: 4'-0"
30'-0" CLEAR ROADWAY SKEW: 1° 3' 19"
281st ST
HAMILTON COUNTY

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: ESB 9/24/2025 DRAWN: ESB 9/24/2025

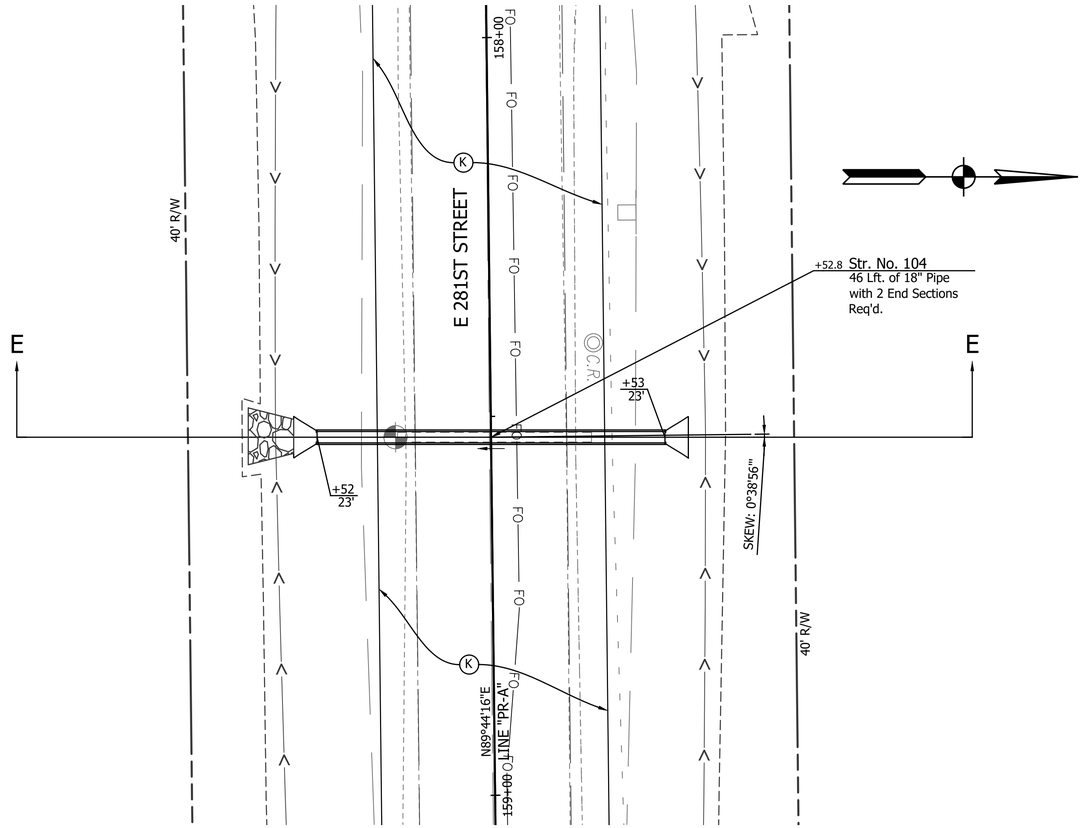
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INDIANA DEPARTMENT OF TRANSPORTATION

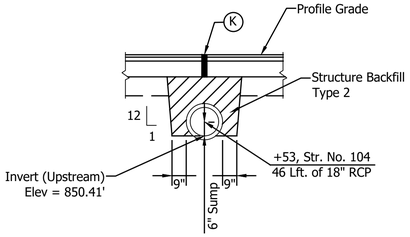
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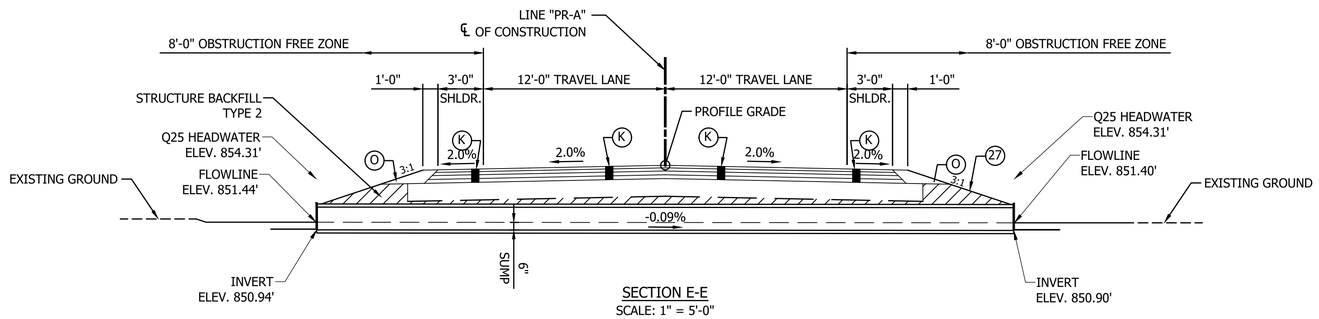
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PLAN VIEW
SCALE: 1" = 10'-0"



STRUCTURE BACKFILL AT PIPE
SCALE: 1/4" = 1'-0"



SECTION E-E
SCALE: 1" = 5'-0"

LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 220 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate 19 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base 19 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base 19 mm, (minimum, or thickness necessary to match adjacent pavement) on 3" Compacted Aggregate Base, No. 53, on Subgrade Treatment Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- Wetland Delineation
- (O) Compacted Aggregate, No. 53
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile 220 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 ½ in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- (27) Seeding Consisting of:, Seed Mixture, R Fertilizer Mulching Material
- (29) Erosion Control Blanket

HYDRAULIC DATA

Drainage Area	= 46.19 acres
Q25 Discharge	= 78.40 cfs
Headwater Elevation at Q25	= 854.31 ft
Backwater at Q100	= 2.91 ft
Velocity at Q25	= 5.96 ft/s
Skew	= 00° 38' 56"
Existing Q25 Discharge	= 78.40 cfs
Existing Headwater Elevation at Q25	= 853.40 ft
Existing Backwater at Q100	= 1.32 ft
Existing Velocity at Q25	= 4.43 ft/s

NOTES:

1. Contractor Shall Verify Existing Flowline Elevation to set the Appropriate Sump Depth.
2. Reinforcement in the Pipe Shall be Epoxy Coated.

GENERAL PLAN

SMOOTH INTERIOR PIPE
SPAN: 1'-6" RISE: 1'-6"
30'-0" CLEAR ROADWAY SKEW: 00° 38' 56"
281st ST
HAMILTON COUNTY

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

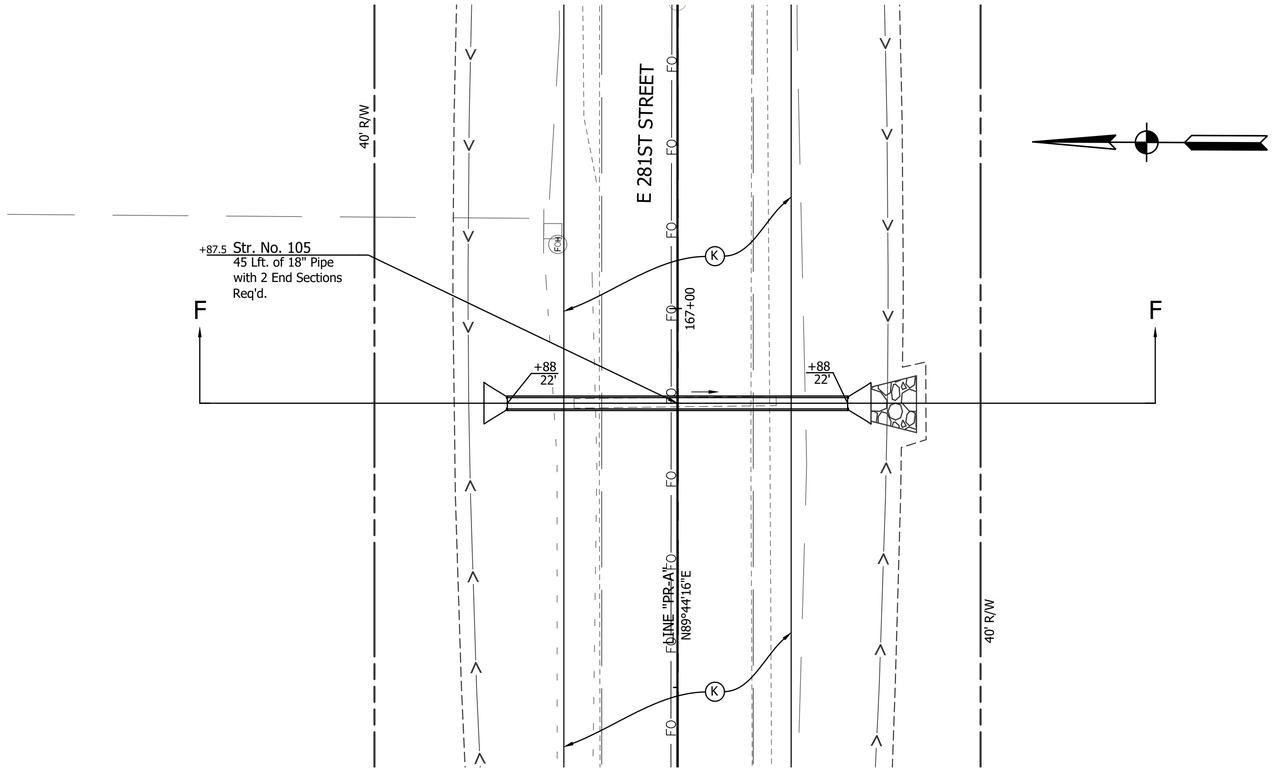
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INDIANA DEPARTMENT OF TRANSPORTATION

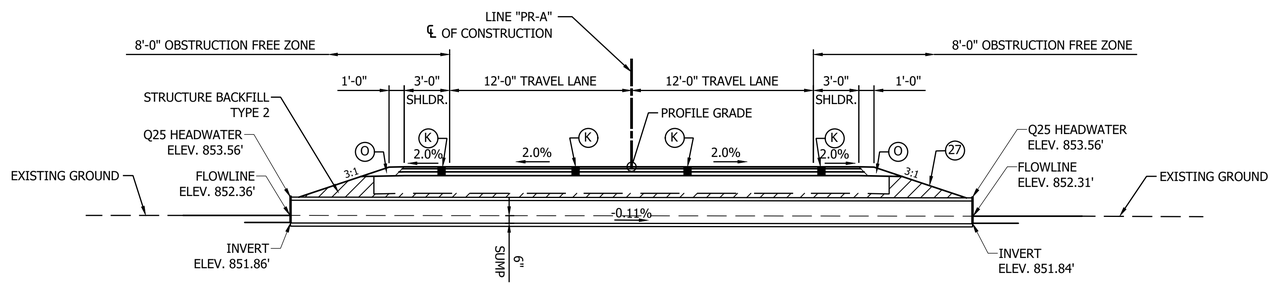
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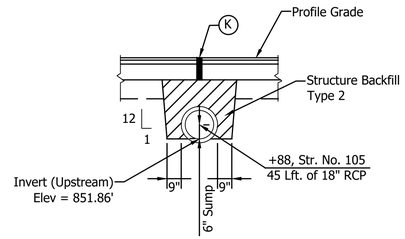
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PLAN VIEW
SCALE: 1" = 10'-0"



SECTION F-F
SCALE: 1" = 5'-0"



STRUCTURE BACKFILL AT PIPE
SCALE: 1/4" = 1'-0"

LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of:
  220 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5 mm, on
  275 LB/SYD QC/QA HMA, 2, 58S, Intermediate 19 mm, on
  330 LB/SYD QC/QA HMA, 2, 58S, Base 19 mm, on
  330 LB/SYD QC/QA HMA, 2, 58S, Base 19 mm, (minimum, or thickness necessary to match adjacent pavement) on
  3" Compacted Aggregate Base, No. 53, on
  Subgrade Treatment Type IC
- (K1) HMA for Structure Installation, Type B Consisting of:
  440 LB/SYD HMA Intermediate, Type B, on
  660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on
  Subgrade Treatment, Type IC
- Wetland Delineation
- (O) Compacted Aggregate, No. 53
- (R) HMA Milling & Overlay Consisting of:,
  Milling, Profile
  220 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:,
  Milling, Profile (up to 2 ½ in.)
  165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on
  275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of:
  165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on
  Widening with HMA Type B Consisting of:
  275 LB/SYD HMA Intermediate, Type B, on
  330 LB/SYD HMA Base, Type B, on
  330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on
  Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- (27) Seeding Consisting of:,
  Seed Mixture, R
  Fertilizer
  Mulching Material
- (29) Erosion Control Blanket

HYDRAULIC DATA

Drainage Area	= 21.18 acres
Q25 Discharge	= 20.11 cfs
Headwater Elevation at Q25	= 853.56 ft
Backwater at Q25	= 1.21 ft
Velocity at Q25	= 4.24 ft/s
Skew	= 00° 00' 00"
Existing Q25 Discharge	= 20.11 cfs
Existing Headwater Elevation at Q25	= 853.49 ft
Existing Backwater at Q25	= 0.95 ft
Existing Velocity at Q25	= 3.71 ft/s

NOTES:

1. Contractor Shall Verify Existing Flowline Elevation to set the Appropriate Sump Depth.
2. Reinforcement in the Pipe Shall be Epoxy Coated.

GENERAL PLAN

SMOOTH INTERIOR CONCRETE PIPE
SPAN: 1'-6" RISE: 1'-6"
30'-0" CLEAR ROADWAY SKEW: 00° 00' 00"
281st ST
HAMILTON COUNTY

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

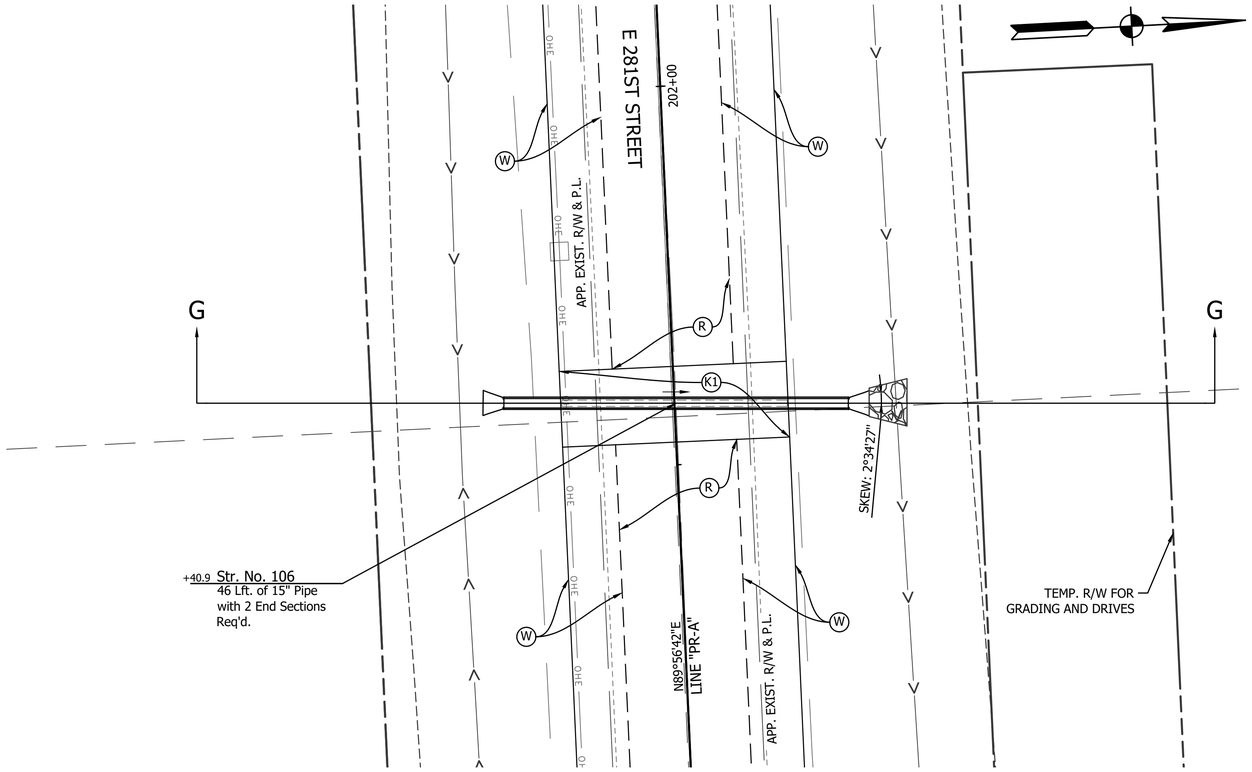
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INDIANA
DEPARTMENT OF TRANSPORTATION

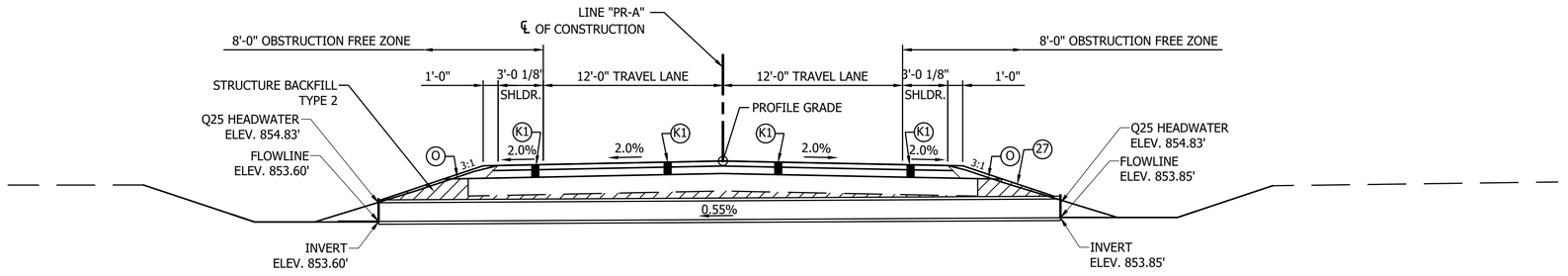
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STR. NO. 105

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	
VERTICAL SCALE	DESIGNATION
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	SHEET
	60 of 194
	CONTRACT
	R-43619

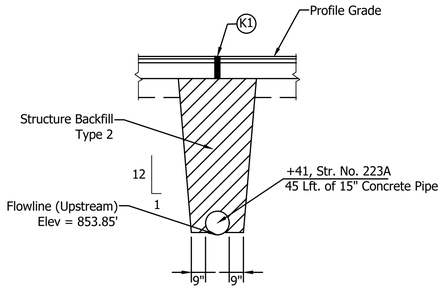
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PLAN VIEW
SCALE: 1" = 10'-0"



SECTION G-G
SCALE: 1" = 5'-0"



STRUCTURE BACKFILL AT PIPE
SCALE: 1/4" = 1'-0"

LEGEND

- (C) PCCP for Approaches, 6 in, on Dense Graded Subbase, 6 in, on Subgrade Treatment Type II (6 in Coarse Aggregate No. 53)
- (C1) Compacted Aggregate No. 53
- (D) HMA for Approaches, Type B
- (K) Full Depth HMA Consisting of: 220 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate 19 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base 19 mm, on 330 LB/SYD QC/QA HMA, 2, 58S, Base 19 mm, (minimum, or thickness necessary to match adjacent pavement) on 3" Compacted Aggregate Base, No. 53, on Subgrade Treatment Type IC
- (K1) HMA for Structure Installation, Type B Consisting of: 440 LB/SYD HMA Intermediate, Type B, on 660 LB/SYD HMA Base, Type B, (minimum, or thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- Wetland Delineation
- (O) Compacted Aggregate, No. 53
- (R) HMA Milling & Overlay Consisting of:, Milling, Profile 220 LB/SYD QC/QA HMA, 2, 58S, Surface 9.5 mm
- (R1) HMA Milling & Overlay Consisting of:, Milling, Profile (up to 2 ½ in.) 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on 275 LB/SYD QC/QA HMA, 2, 58S, Intermediate, 19.0 mm
- (S) Sawcut
- (W) Full Depth HMA Consisting of: 165 LB/SYD QC/QA HMA, 2, 58S, Surface, 9.5 mm, on Widening with HMA Type B Consisting of: 275 LB/SYD HMA Intermediate, Type B, on 330 LB/SYD HMA Base, Type B, on 330 LB/SYD HMA Base, Type B, (minimum thickness necessary to match adjacent pavement) on Subgrade Treatment, Type IC
- (15) Curb and Gutter, Concrete
- (27) Seeding Consisting of:, Seed Mixture, R Fertilizer Mulching Material
- (29) Erosion Control Blanket

HYDRAULIC DATA

Drainage Area	= 1.51 acres
Q100 Discharge	= 2.34 cfs
Headwater Elevation at Q100	= 854.83 ft
Backwater at Q100	= 0.42 ft
Velocity at Q25	= 4.11 ft/s
Skew	= 2° 34' 25"
Existing Q100 Discharge	= 1.94 cfs
Existing Headwater Elevation at Q100	= 856.91 ft
Existing Backwater at Q100	= 2.15 ft
Existing Velocity at Q25	= 4.11 f/s

GENERAL PLAN

SMOOTH INTERIOR CONCRETE PIPE
SPAN: 1'-3" RISE: 1'-3"
30'-0" CLEAR ROADWAY SKEW: 2° 34' 25"
281st ST
HAMILTON COUNTY

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: MJR 9/24/2025 DRAWN: MJR 9/24/2025
CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

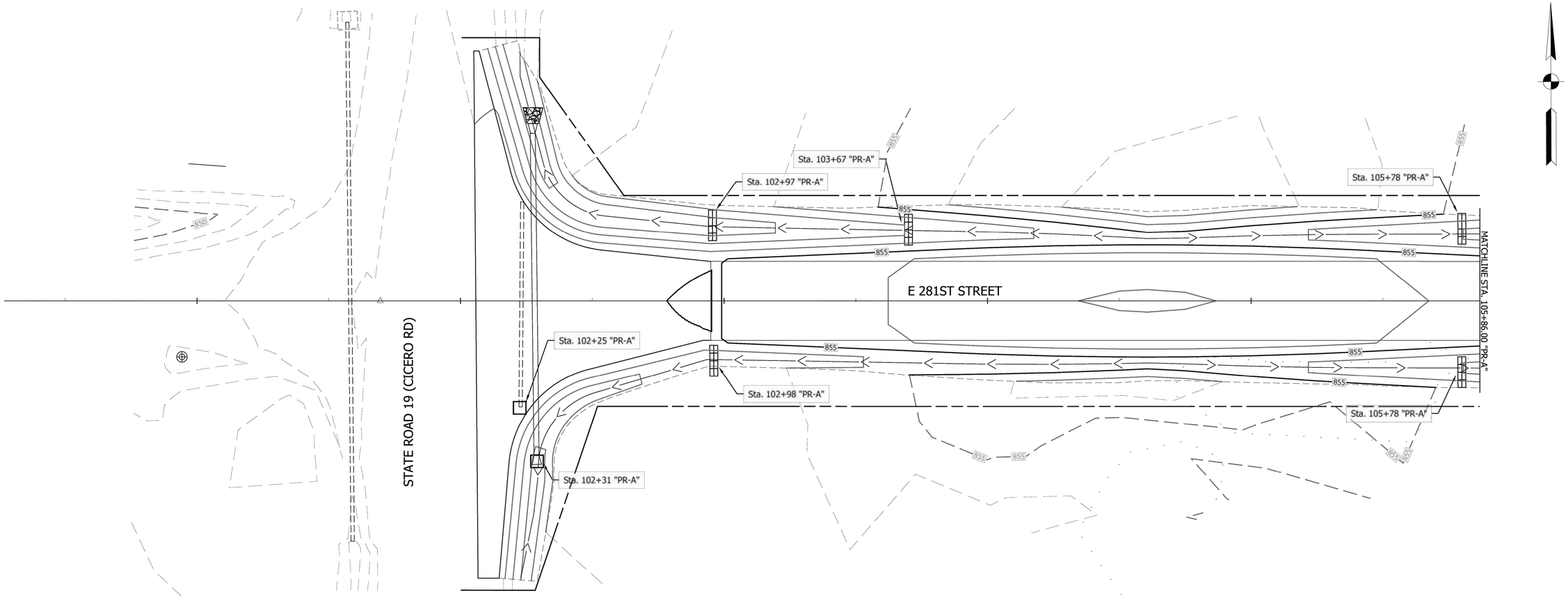
INDIANA
DEPARTMENT OF TRANSPORTATION

CULVERT DESIGN DETAILS
STR NO 223A

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	61 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 12/13/23 - 3:24 PM EDITED BY: MRODRIGUEZ DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST REHAB\5 ACAD\103 GENERAL PLAN\RD-GENERAL PLAN-281ST ST.DWG

105+00



Notes:

1. Filter sock and coir logs shall be installed prior to any land disturbing activities. Check dams shall be installed as ditch grading is complete.
2. Slopes of 3:1 or greater shall be immediately seeded and protected with erosion control blankets upon completion of grading.
3. Temporary erosion control measures shall be removed as permanent erosion control measures are installed.
4. Refer to Plan & Profile sheets for permanent erosion control measures.
5. Do not allow any leak of fuels, chemicals, or excess sediments into Cicero Creek or nearby wetlands. In the event of a spill, contact IDEM immediately.

LEGEND:

COIR LOGS — FLOW LINE — INLET PROTECTION

TRAVERSABLE CHECK DAM — RIP-RAP — SEDIMENT TRAP

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

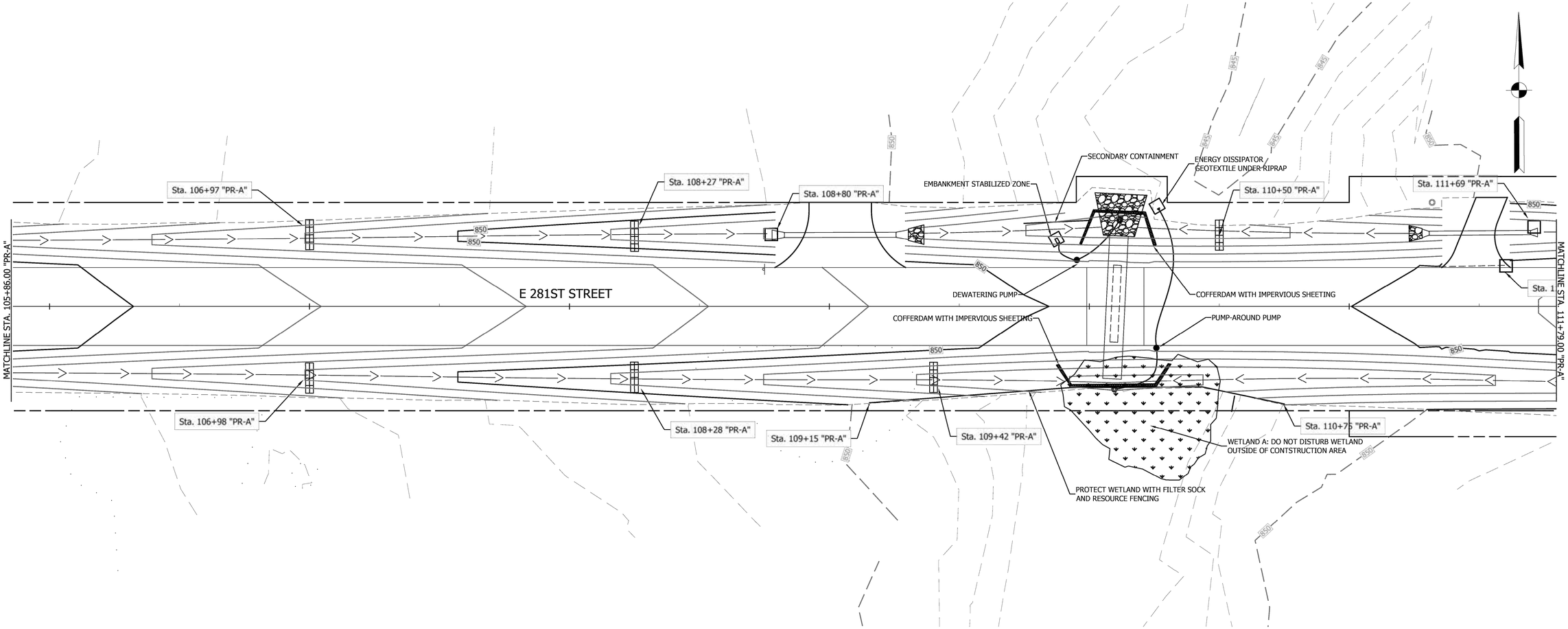
DESIGNED: MRR 8/26/2025 DRAWN: MRR 8/26/2025

CHECKED: MIT 5/19/2026 CHECKED: MIT 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 101+69.57 TO 105+86.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
	62 of 194
	CONTRACT
	R-43619



Notes:

1. Filter sock and coir logs shall be installed prior to any land disturbing activities. Check dams shall be installed as ditch grading is complete.
2. Slopes of 3:1 or greater shall be immediately seeded and protected with erosion control blankets upon completion of grading.
3. Temporary erosion control measures shall be removed as permanent erosion control measures are installed.
4. Refer to Plan & Profile sheets for permanent erosion control measures.
5. Do not allow any leak of fuels, chemicals, or excess sediments into Cicero Creek or nearby wetlands. In the event of a spill, contact IDEM immediately.

LEGEND:

COIR LOGS — FLOW LINE — INLET PROTECTION

TRAVERSABLE CHECK DAM — RIP-RAP — SEDIMENT TRAP

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: MRR 8/26/2025 DRAWN: MRR 8/26/2025

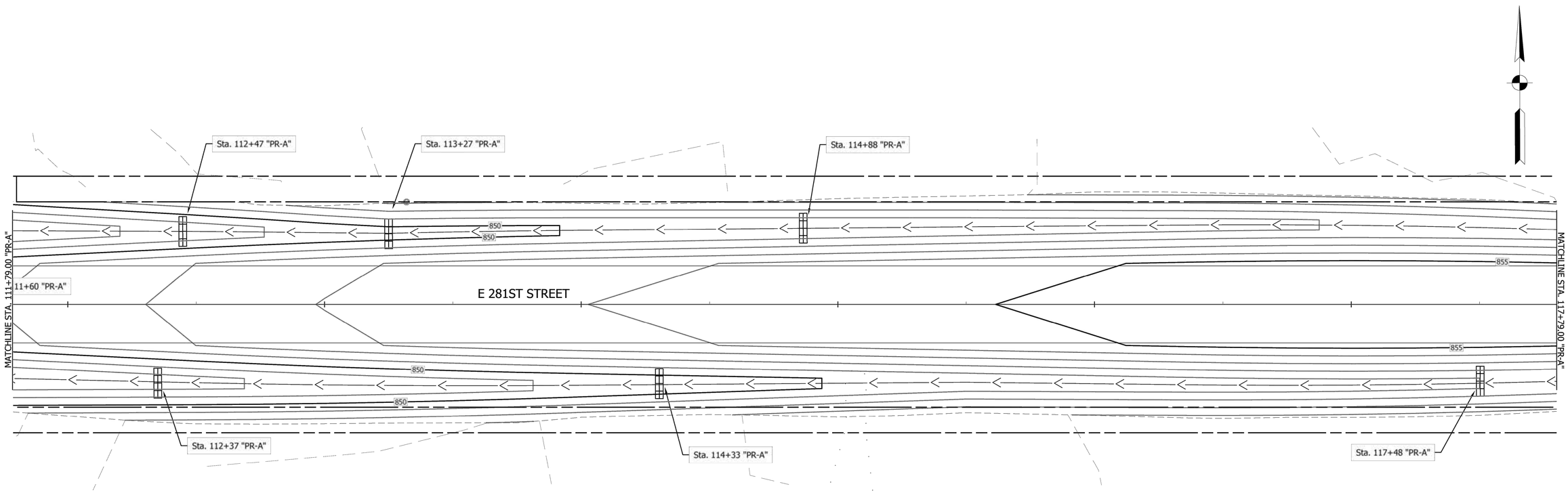
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INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 105+86.00 TO 111+79.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
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	CONTRACT
	R-43619

115+00



Notes:

1. Filter sock and coir logs shall be installed prior to any land disturbing activities. Check dams shall be installed as ditch grading is complete.
2. Slopes of 3:1 or greater shall be immediately seeded and protected with erosion control blankets upon completion of grading.
3. Temporary erosion control measures shall be removed as permanent erosion control measures are installed.
4. Refer to Plan & Profile sheets for permanent erosion control measures.
5. Do not allow any leak of fuels, chemicals, or excess sediments into Cicero Creek or nearby wetlands. In the event of a spill, contact IDEM immediately.

LEGEND:

COIR LOGS — FLOW LINE — INLET PROTECTION

TRAVERSABLE CHECK DAM — RIP-RAP — SEDIMENT TRAP

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MRR 8/26/2025 DRAWN: MRR 8/26/2025

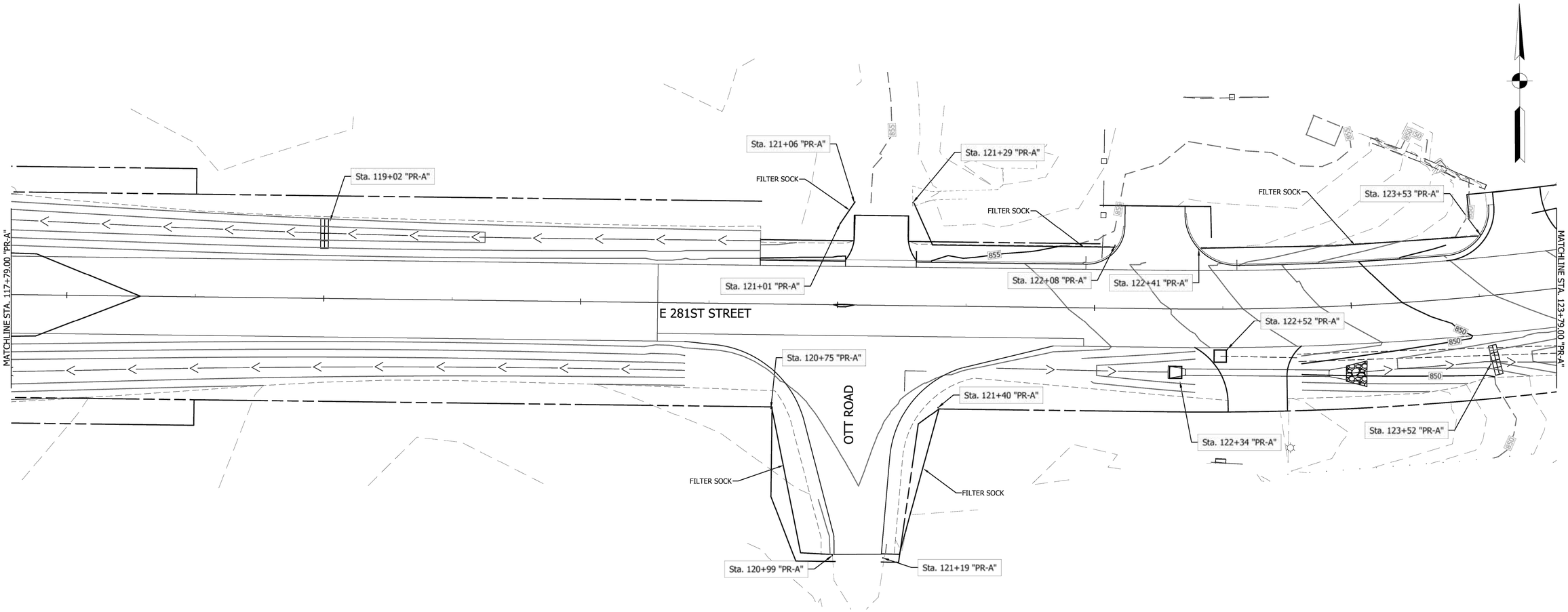
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INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 111+79.00 TO 117+79.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
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	CONTRACT
	R-43619

120+00



Notes:

1. Filter sock and coir logs shall be installed prior to any land disturbing activities. Check dams shall be installed as ditch grading is complete.
2. Slopes of 3:1 or greater shall be immediately seeded and protected with erosion control blankets upon completion of grading.
3. Temporary erosion control measures shall be removed as permanent erosion control measures are installed.
4. Refer to Plan & Profile sheets for permanent erosion control measures.
5. Do not allow any leak of fuels, chemicals, or excess sediments into Cicero Creek or nearby wetlands. In the event of a spill, contact IDEM immediately.

LEGEND:

COIR LOGS | FLOW LINE | INLET PROTECTION

TRAVERSABLE CHECK DAM | RIP-RAP | SEDIMENT TRAP

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: MRR 8/26/2025 DRAWN: MRR 8/26/2025

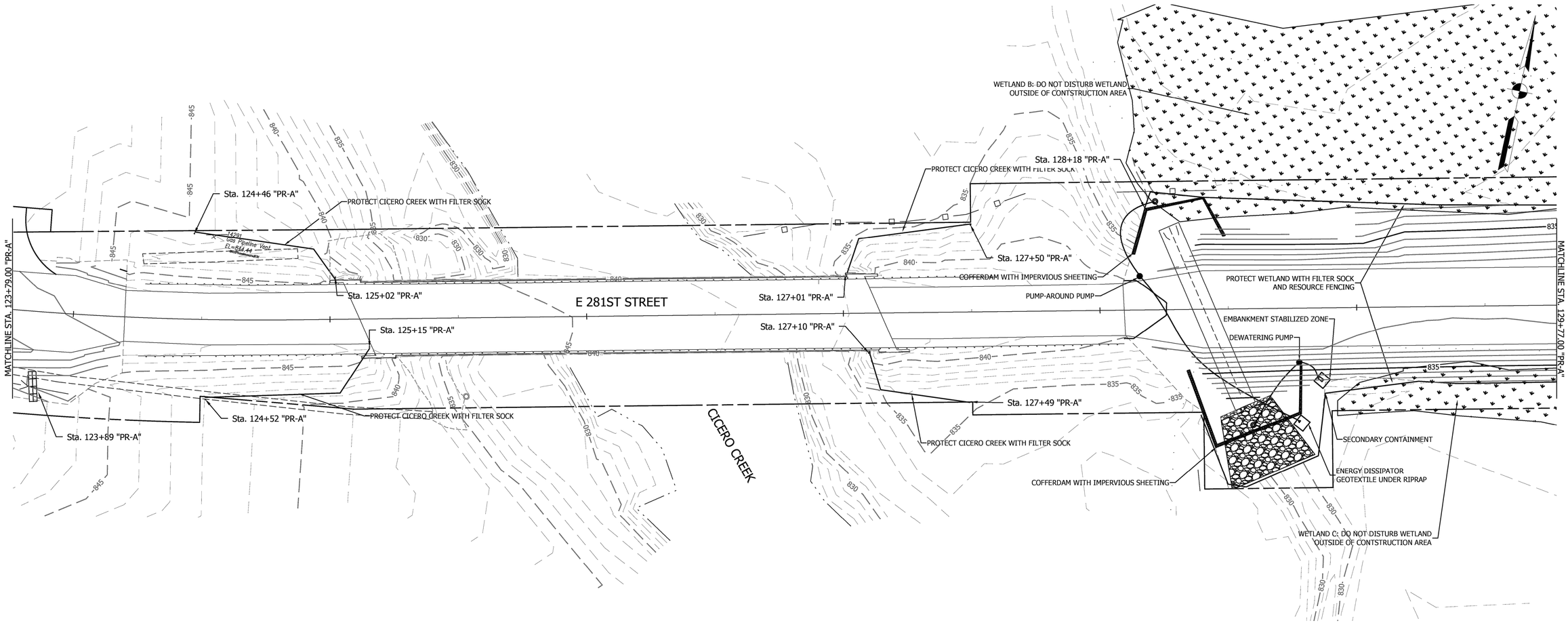
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INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 117+79.00 TO 123+79.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
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	CONTRACT
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125+00



Notes:

1. Filter sock and coir logs shall be installed prior to any land disturbing activities. Check dams shall be installed as ditch grading is complete.
2. Slopes of 3:1 or greater shall be immediately seeded and protected with erosion control blankets upon completion of grading.
3. Temporary erosion control measures shall be removed as permanent erosion control measures are installed.
4. Refer to Plan & Profile sheets for permanent erosion control measures.
5. Do not allow any leak of fuels, chemicals, or excess sediments into Cicero Creek or nearby wetlands. In the event of a spill, contact IDEM immediately.

LEGEND:

COIR LOGS | FLOW LINE | INLET PROTECTION | TRAVERSABLE CHECK DAM | RIP-RAP | SEDIMENT TRAP

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MRR 8/26/2025 DRAWN: MRR 8/26/2025

CHECKED: MIT 5/19/2026 CHECKED: MIT 5/19/2026

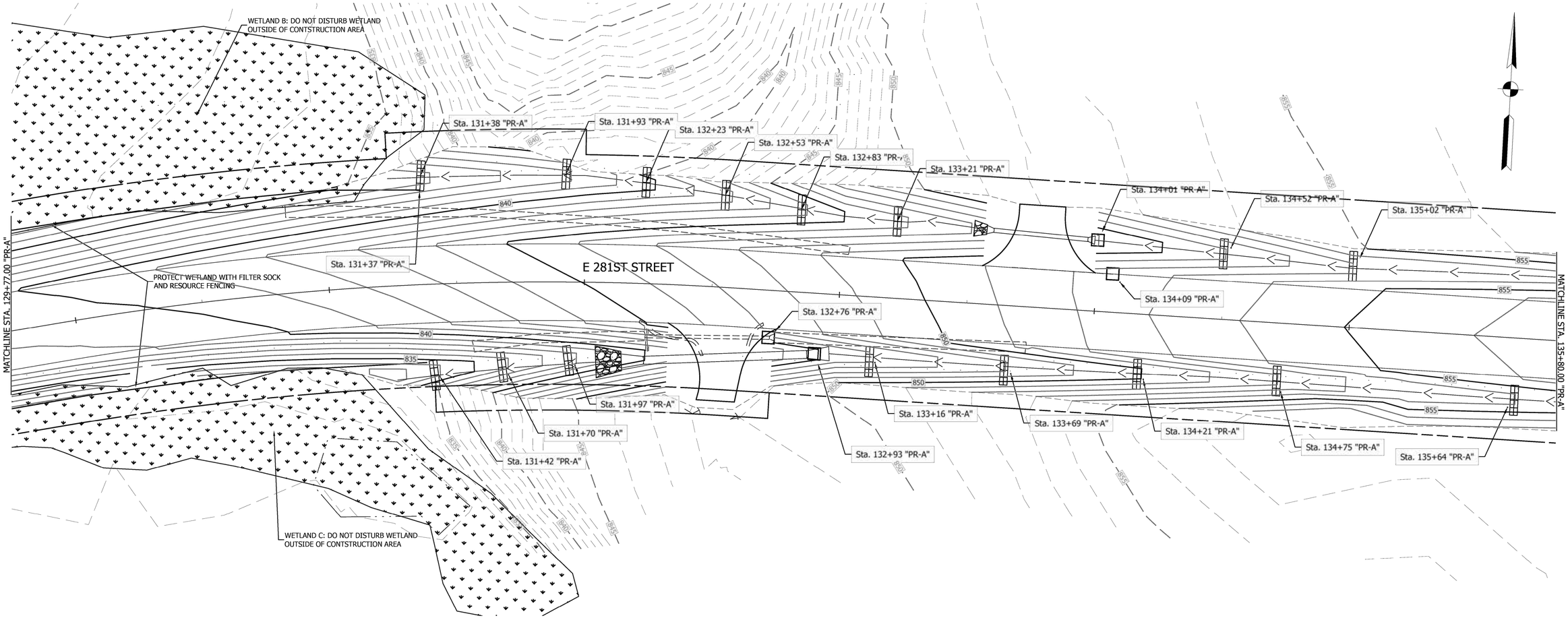
INDIANA DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 123+79.00 TO 129+77.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
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	CONTRACT
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130+00

135+00



Notes:

1. Filter sock and coir logs shall be installed prior to any land disturbing activities. Check dams shall be installed as ditch grading is complete.
2. Slopes of 3:1 or greater shall be immediately seeded and protected with erosion control blankets upon completion of grading.
3. Temporary erosion control measures shall be removed as permanent erosion control measures are installed.
4. Refer to Plan & Profile sheets for permanent erosion control measures.
5. Do not allow any leak of fuels, chemicals, or excess sediments into Cicero Creek or nearby wetlands. In the event of a spill, contact IDEM immediately.

LEGEND:

COIR LOGS | FLOW LINE | INLET PROTECTION

TRAVERSABLE CHECK DAM | RIP-RAP | SEDIMENT TRAP

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MRR 8/26/2025 DRAWN: MRR 8/26/2025

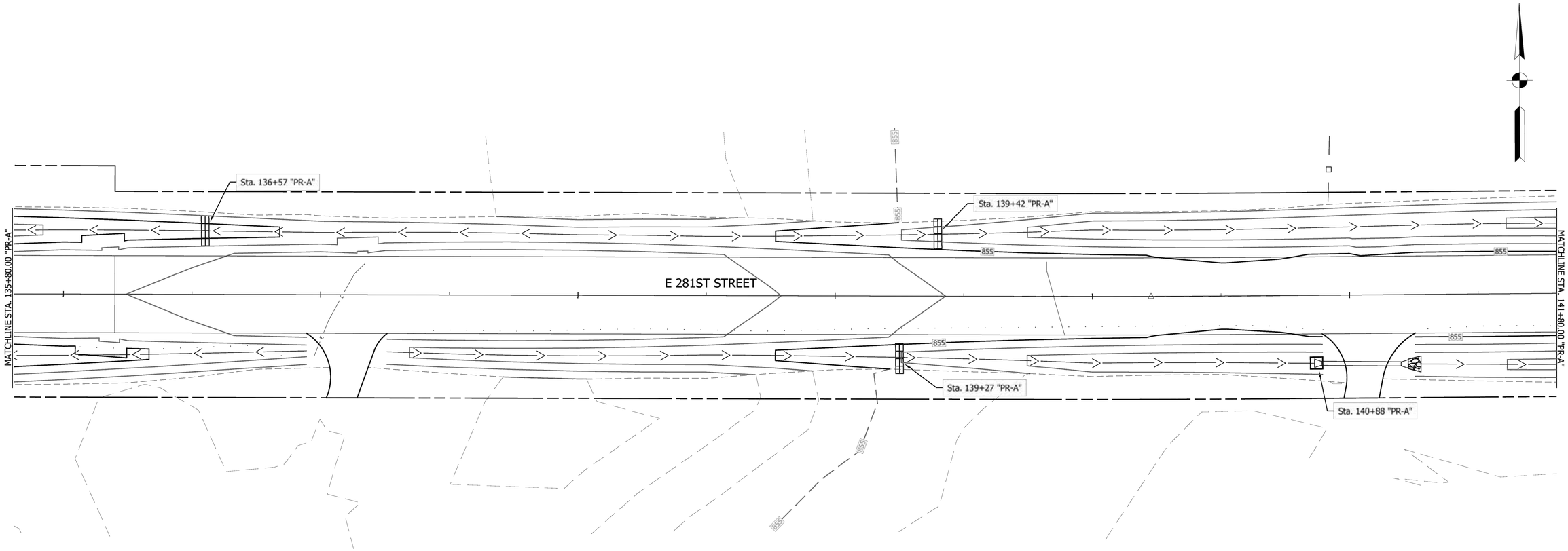
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INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 129+77.00 TO 135+80.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
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	CONTRACT
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140+00



Notes:

1. Filter sock and coir logs shall be installed prior to any land disturbing activities. Check dams shall be installed as ditch grading is complete.
2. Slopes of 3:1 or greater shall be immediately seeded and protected with erosion control blankets upon completion of grading.
3. Temporary erosion control measures shall be removed as permanent erosion control measures are installed.
4. Refer to Plan & Profile sheets for permanent erosion control measures.
5. Do not allow any leak of fuels, chemicals, or excess sediments into Cicero Creek or nearby wetlands. In the event of a spill, contact IDEM immediately.

LEGEND:

COIR LOGS

PERMANENT SEEDING AND EROSION CONTROL BLANKET

INLET PROTECTION

TRAVERSABLE CHECK DAM

RIP-RAP

SEDIMENT TRAP

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MRR 8/26/2025 DRAWN: MRR 8/26/2025

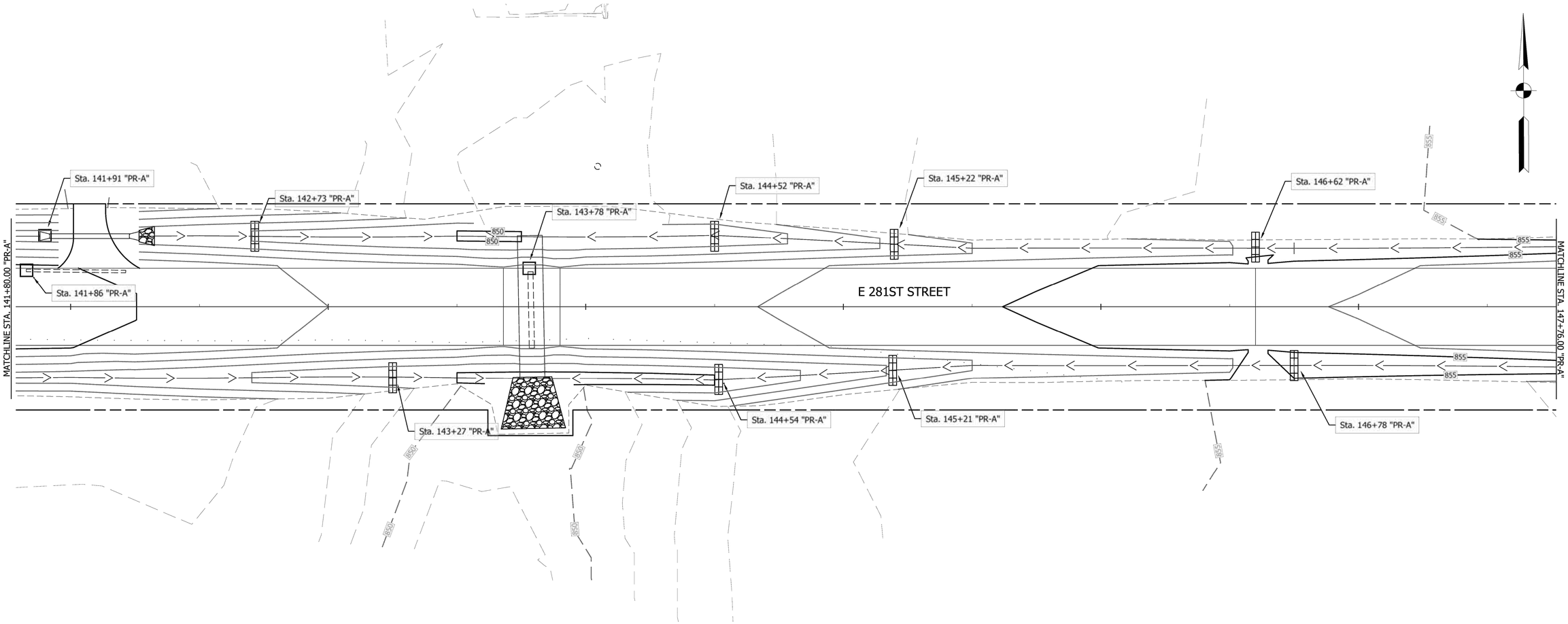
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INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 135+80.00 TO 141+80.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
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	CONTRACT
	R-43619

145+00



Notes:

1. Filter sock and coir logs shall be installed prior to any land disturbing activities. Check dams shall be installed as ditch grading is complete.
2. Slopes of 3:1 or greater shall be immediately seeded and protected with erosion control blankets upon completion of grading.
3. Temporary erosion control measures shall be removed as permanent erosion control measures are installed.
4. Refer to Plan & Profile sheets for permanent erosion control measures.
5. Do not allow any leak of fuels, chemicals, or excess sediments into Cicero Creek or nearby wetlands. In the event of a spill, contact IDEM immediately.

LEGEND:

COIR LOGS

PERMANENT SEEDING AND EROSION CONTROL BLANKET

INLET PROTECTION

TRAVERSABLE CHECK DAM

RIP-RAP

SEDIMENT TRAP

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MRR 8/26/2025 DRAWN: MRR 8/26/2025

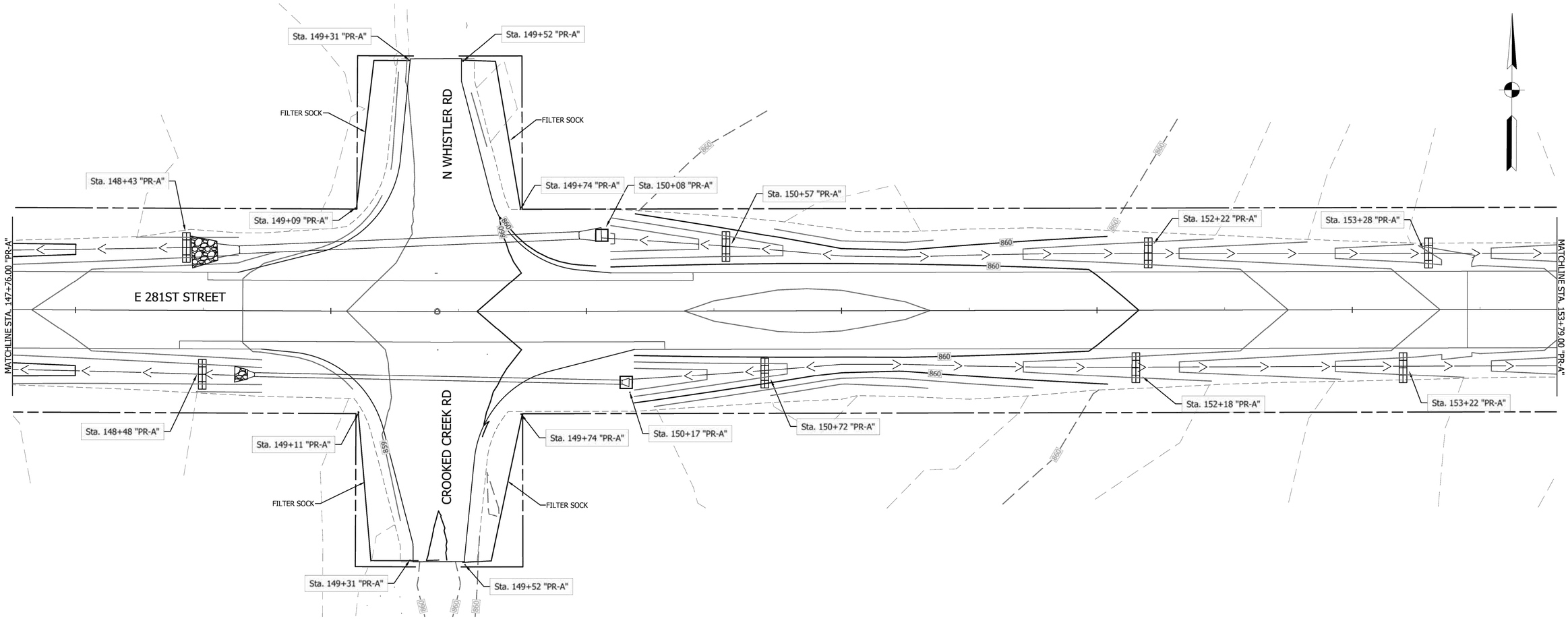
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INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 141+80.00 TO 147+76.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
	69 of 194
	CONTRACT
	R-43619

150+00



Notes:

1. Filter sock and coir logs shall be installed prior to any land disturbing activities. Check dams shall be installed as ditch grading is complete.
2. Slopes of 3:1 or greater shall be immediately seeded and protected with erosion control blankets upon completion of grading.
3. Temporary erosion control measures shall be removed as permanent erosion control measures are installed.
4. Refer to Plan & Profile sheets for permanent erosion control measures.
5. Do not allow any leak of fuels, chemicals, or excess sediments into Cicero Creek or nearby wetlands. In the event of a spill, contact IDEM immediately.

LEGEND:

COIR LOGS

PERMANENT SEEDING AND EROSION CONTROL BLANKET

INLET PROTECTION

TRAVERSABLE CHECK DAM

RIP-RAP

SEDIMENT TRAP

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MRR 8/26/2025 DRAWN: MRR 8/26/2025

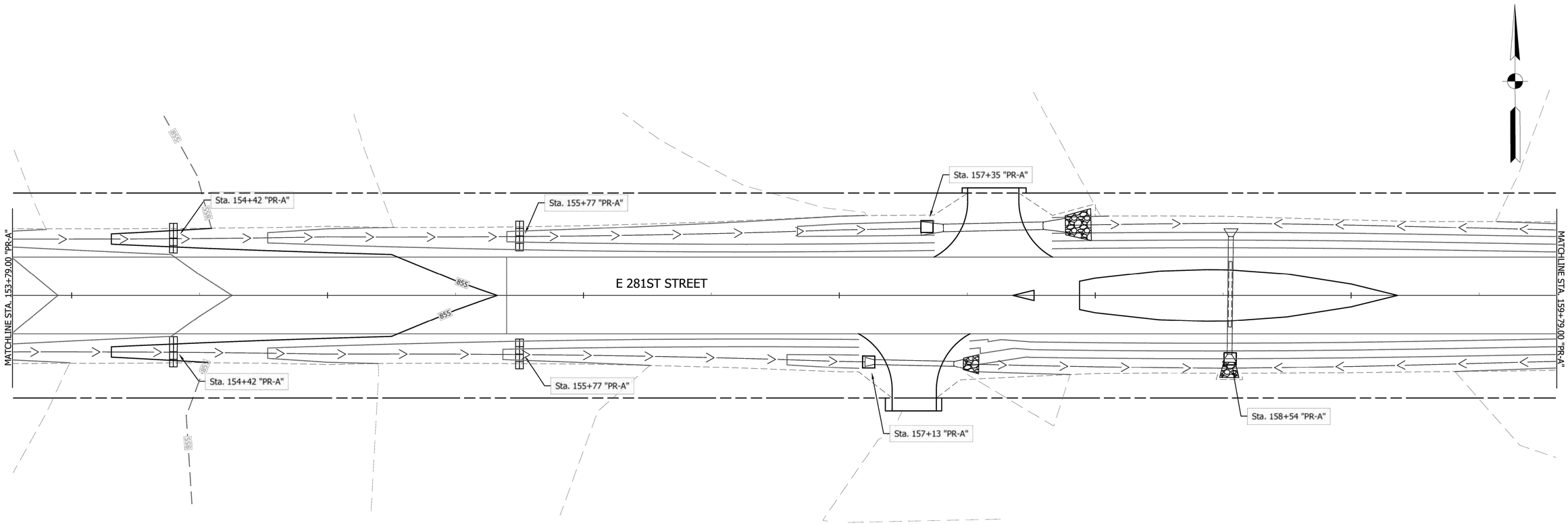
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INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 147+76.00 TO 153+79.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
	70 of 194
	CONTRACT
	R-43619

155+00



Notes:

1. Filter sock and coir logs shall be installed prior to any land disturbing activities. Check dams shall be installed as ditch grading is complete.
2. Slopes of 3:1 or greater shall be immediately seeded and protected with erosion control blankets upon completion of grading.
3. Temporary erosion control measures shall be removed as permanent erosion control measures are installed.
4. Refer to Plan & Profile sheets for permanent erosion control measures.
5. Do not allow any leak of fuels, chemicals, or excess sediments into Cicero Creek or nearby wetlands. In the event of a spill, contact IDEM immediately.

LEGEND:

COIR LOGS

PERMANENT SEEDING AND EROSION CONTROL BLANKET

INLET PROTECTION

TRAVERSABLE CHECK DAM

RIP-RAP

SEDIMENT TRAP

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MRR 8/26/2025 DRAWN: MRR 8/26/2025

CHECKED: MIT 5/19/2026 CHECKED: MIT 5/19/2026

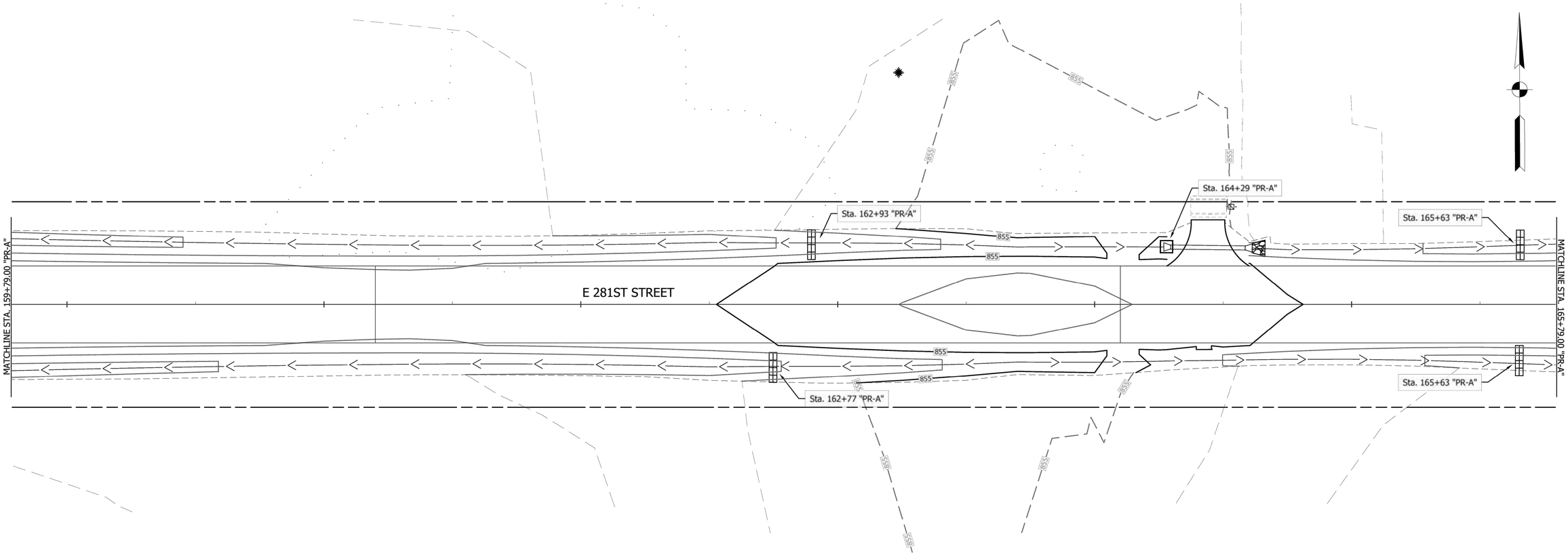
INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 153+79.00 TO 159+79.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
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	CONTRACT
	R-43619

160+00

165+00



Notes:

1. Filter sock and coir logs shall be installed prior to any land disturbing activities. Check dams shall be installed as ditch grading is complete.
2. Slopes of 3:1 or greater shall be immediately seeded and protected with erosion control blankets upon completion of grading.
3. Temporary erosion control measures shall be removed as permanent erosion control measures are installed.
4. Refer to Plan & Profile sheets for permanent erosion control measures.
5. Do not allow any leak of fuels, chemicals, or excess sediments into Cicero Creek or nearby wetlands. In the event of a spill, contact IDEM immediately.

LEGEND:

COIR LOGS

PERMANENT SEEDING AND EROSION CONTROL BLANKET

INLET PROTECTION

TRAVERSABLE CHECK DAM

RIP-RAP

SEDIMENT TRAP

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MRR 8/26/2025 DRAWN: MRR 8/26/2025

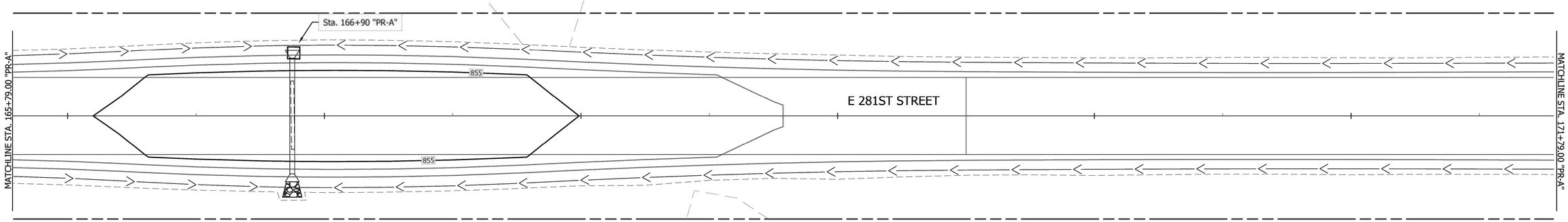
CHECKED: MIT 5/19/2026 CHECKED: MIT 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 159+79.00 TO 165+79.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
	72 of 194
	CONTRACT
	R-43619

170+00



Notes:

1. Filter sock and coir logs shall be installed prior to any land disturbing activities. Check dams shall be installed as ditch grading is complete.
2. Slopes of 3:1 or greater shall be immediately seeded and protected with erosion control blankets upon completion of grading.
3. Temporary erosion control measures shall be removed as permanent erosion control measures are installed.
4. Refer to Plan & Profile sheets for permanent erosion control measures.
5. Do not allow any leak of fuels, chemicals, or excess sediments into Cicero Creek or nearby wetlands. In the event of a spill, contact IDEM immediately.

LEGEND:

COIR LOGS

PERMANENT SEEDING AND EROSION CONTROL BLANKET

INLET PROTECTION

TRAVERSABLE CHECK DAM

RIP-RAP

SEDIMENT TRAP

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MRR 8/26/2025 DRAWN: MRR 8/26/2025

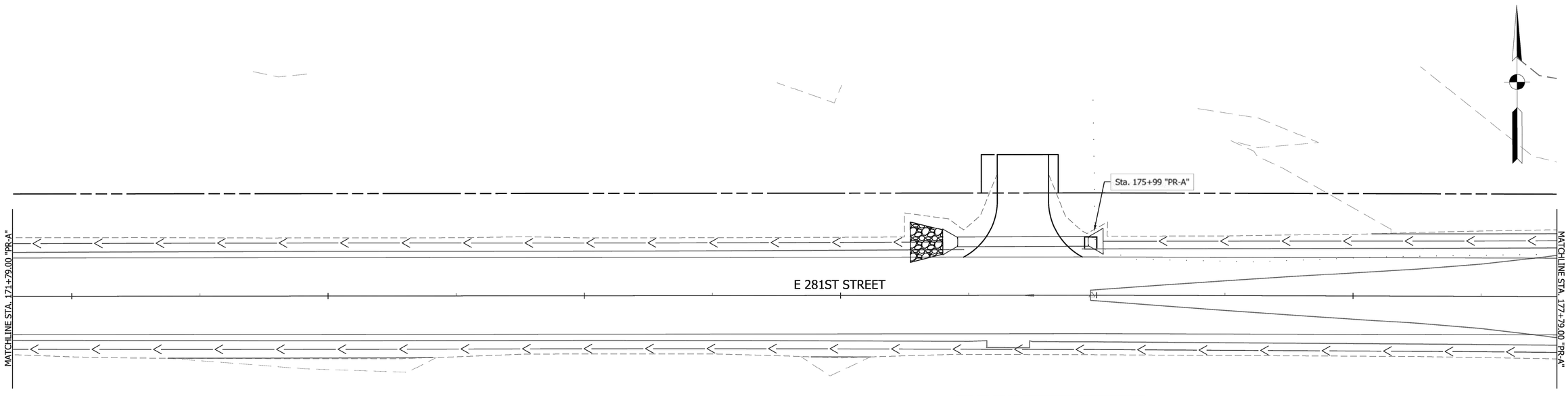
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INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 165+79.00 TO 171+79.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
	73 of 194
	CONTRACT
	R-43619

175+00



Notes:

1. Filter sock and coir logs shall be installed prior to any land disturbing activities. Check dams shall be installed as ditch grading is complete.
2. Slopes of 3:1 or greater shall be immediately seeded and protected with erosion control blankets upon completion of grading.
3. Temporary erosion control measures shall be removed as permanent erosion control measures are installed.
4. Refer to Plan & Profile sheets for permanent erosion control measures.
5. Do not allow any leak of fuels, chemicals, or excess sediments into Cicero Creek or nearby wetlands. In the event of a spill, contact IDEM immediately.

LEGEND:

COIR LOGS

PERMANENT SEEDING AND EROSION CONTROL BLANKET

INLET PROTECTION

TRAVERSABLE CHECK DAM

RIP-RAP

SEDIMENT TRAP

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MRR 8/26/2025 DRAWN: MRR 8/26/2025

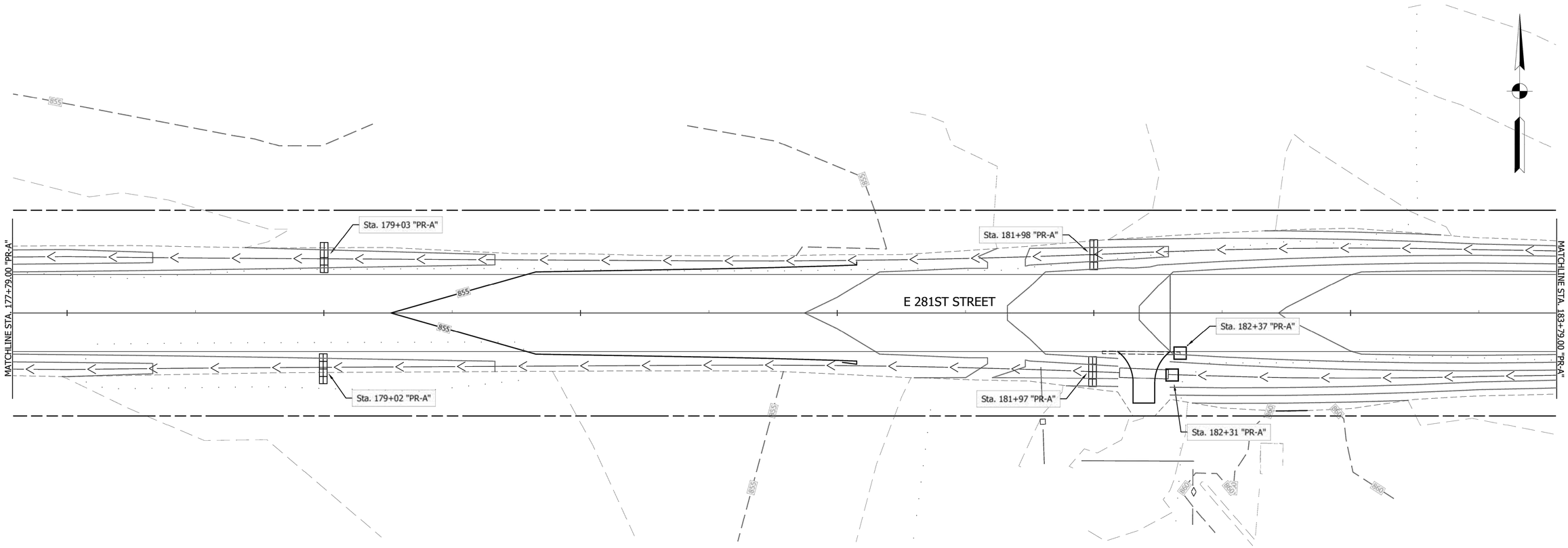
CHECKED: MIT 5/19/2026 CHECKED: MIT 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 171+79.00 TO 177+79.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
	74 of 194
	CONTRACT
	R-43619

180+00



Notes:

1. Filter sock and coir logs shall be installed prior to any land disturbing activities. Check dams shall be installed as ditch grading is complete.
2. Slopes of 3:1 or greater shall be immediately seeded and protected with erosion control blankets upon completion of grading.
3. Temporary erosion control measures shall be removed as permanent erosion control measures are installed.
4. Refer to Plan & Profile sheets for permanent erosion control measures.
5. Do not allow any leak of fuels, chemicals, or excess sediments into Cicero Creek or nearby wetlands. In the event of a spill, contact IDEM immediately.

LEGEND:

COIR LOGS

PERMANENT SEEDING AND EROSION CONTROL BLANKET

INLET PROTECTION

TRAVERSABLE CHECK DAM

RIP-RAP

SEDIMENT TRAP

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MRR 8/26/2025 DRAWN: MRR 8/26/2025

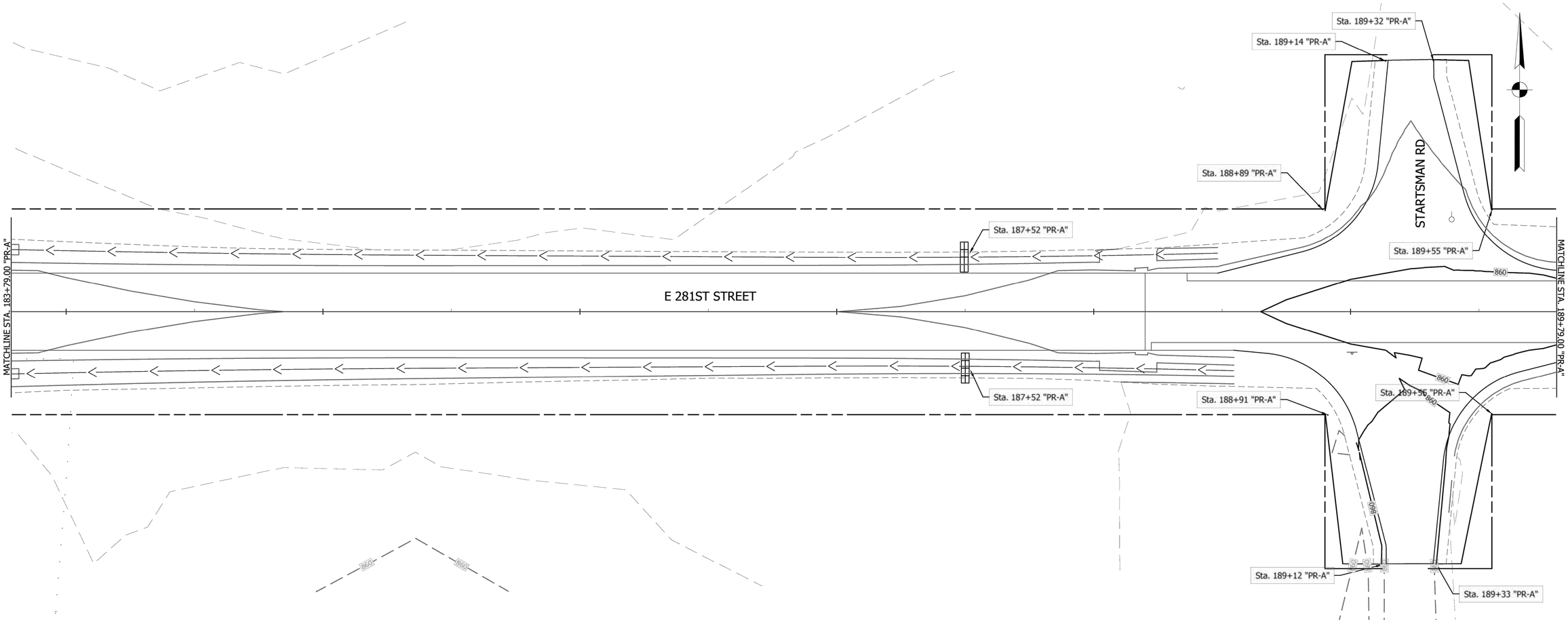
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INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 177+79.00 TO 183+79.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
	75 of 194
	CONTRACT
	R-43619

185+00



Notes:

1. Filter sock and coir logs shall be installed prior to any land disturbing activities. Check dams shall be installed as ditch grading is complete.
2. Slopes of 3:1 or greater shall be immediately seeded and protected with erosion control blankets upon completion of grading.
3. Temporary erosion control measures shall be removed as permanent erosion control measures are installed.
4. Refer to Plan & Profile sheets for permanent erosion control measures.
5. Do not allow any leak of fuels, chemicals, or excess sediments into Cicero Creek or nearby wetlands. In the event of a spill, contact IDEM immediately.

LEGEND:

COIR LOGS

PERMANENT SEEDING AND EROSION CONTROL BLANKET

INLET PROTECTION

TRAVERSABLE CHECK DAM

RIP-RAP

SEDIMENT TRAP

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

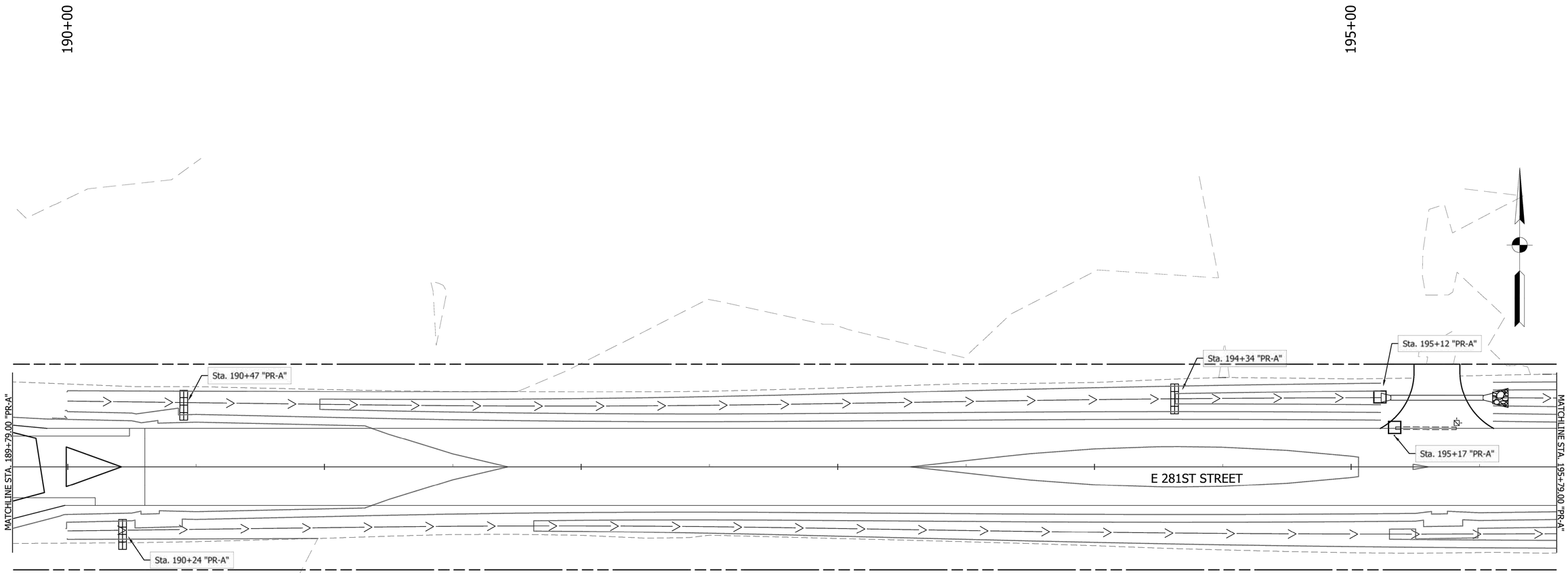
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CHECKED: MIT 5/19/2026 CHECKED: MIT 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 183+79.00 TO 189+79.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
	76 of 194
	CONTRACT
	R-43619



Notes:

1. Filter sock and coir logs shall be installed prior to any land disturbing activities. Check dams shall be installed as ditch grading is complete.
2. Slopes of 3:1 or greater shall be immediately seeded and protected with erosion control blankets upon completion of grading.
3. Temporary erosion control measures shall be removed as permanent erosion control measures are installed.
4. Refer to Plan & Profile sheets for permanent erosion control measures.
5. Do not allow any leak of fuels, chemicals, or excess sediments into Cicero Creek or nearby wetlands. In the event of a spill, contact IDEM immediately.

LEGEND:

COIR LOGS

PERMANENT SEEDING AND EROSION CONTROL BLANKET

INLET PROTECTION

TRAVERSABLE CHECK DAM

RIP-RAP

SEDIMENT TRAP

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

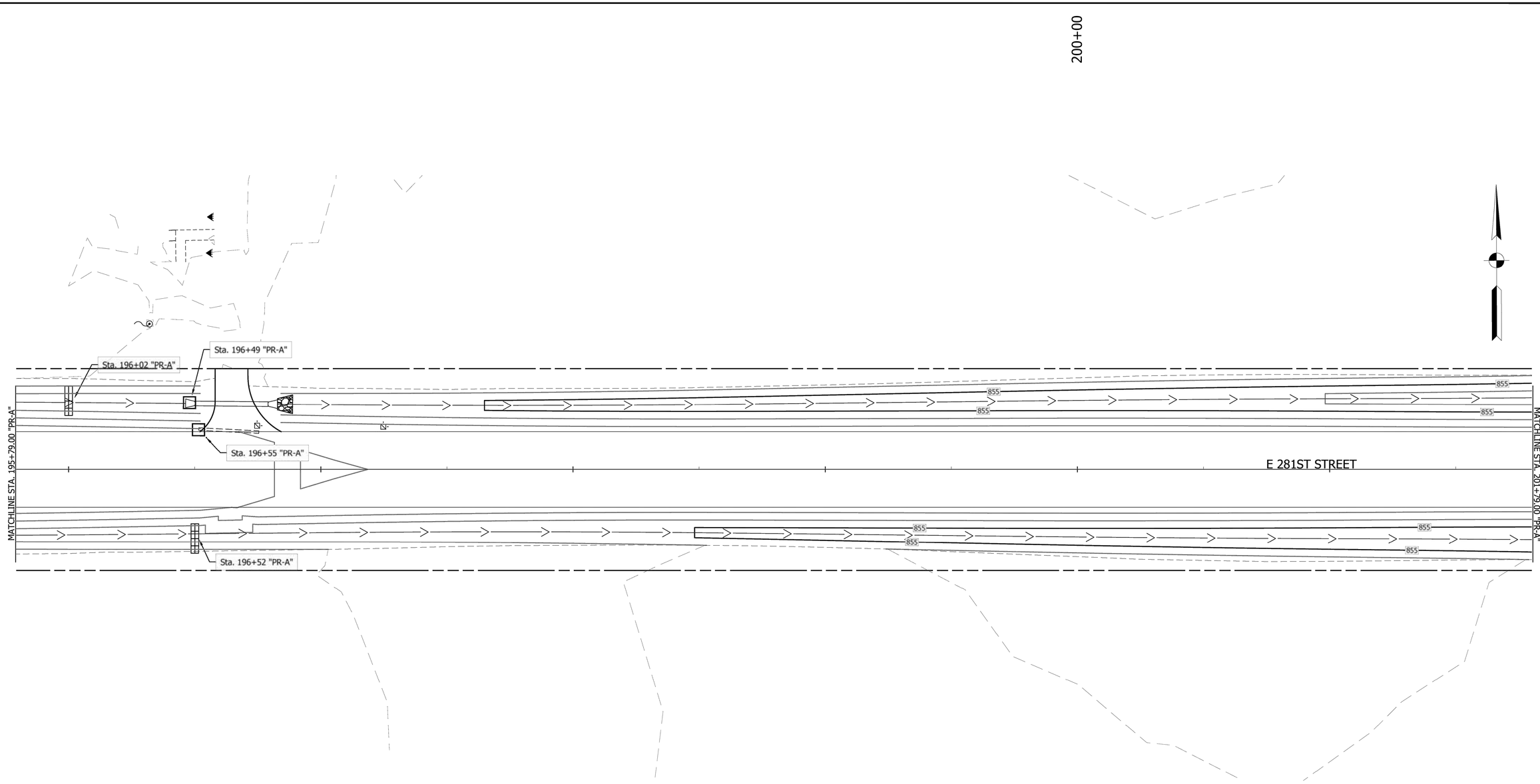
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CHECKED: MIT 5/19/2026 CHECKED: MIT 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 189+79.00 TO 195+79.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
	77 of 194
	CONTRACT
	R-43619



Notes:

1. Filter sock and coir logs shall be installed prior to any land disturbing activities. Check dams shall be installed as ditch grading is complete.
2. Slopes of 3:1 or greater shall be immediately seeded and protected with erosion control blankets upon completion of grading.
3. Temporary erosion control measures shall be removed as permanent erosion control measures are installed.
4. Refer to Plan & Profile sheets for permanent erosion control measures.
5. Do not allow any leak of fuels, chemicals, or excess sediments into Cicero Creek or nearby wetlands. In the event of a spill, contact IDEM immediately.

LEGEND:

COIR LOGS

PERMANENT SEEDING AND EROSION CONTROL BLANKET

INLET PROTECTION

TRAVERSABLE CHECK DAM

RIP-RAP

SEDIMENT TRAP

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

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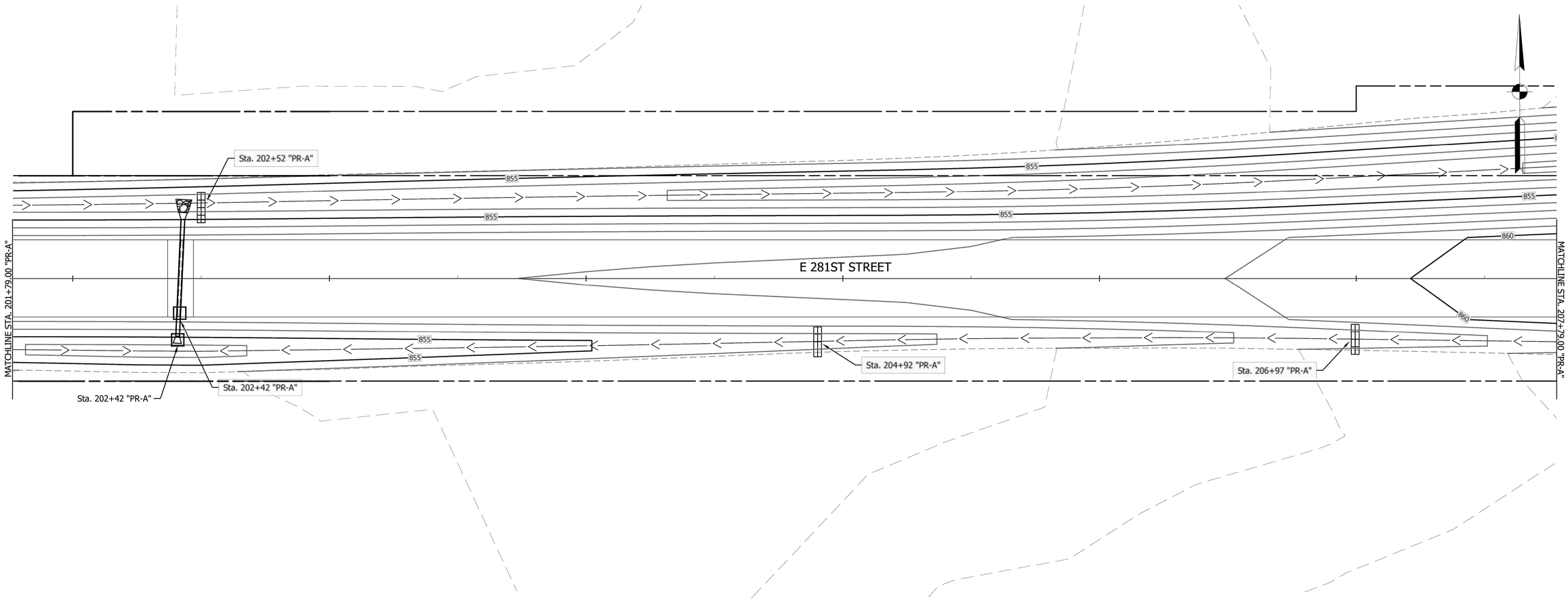
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INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 195+79.00 TO 201+79.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
	78 of 194
	CONTRACT
	R-43619

205+00



Notes:

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LEGEND:

COIR LOGS

PERMANENT SEEDING AND EROSION CONTROL BLANKET

INLET PROTECTION

TRAVERSABLE CHECK DAM

RIP-RAP

SEDIMENT TRAP

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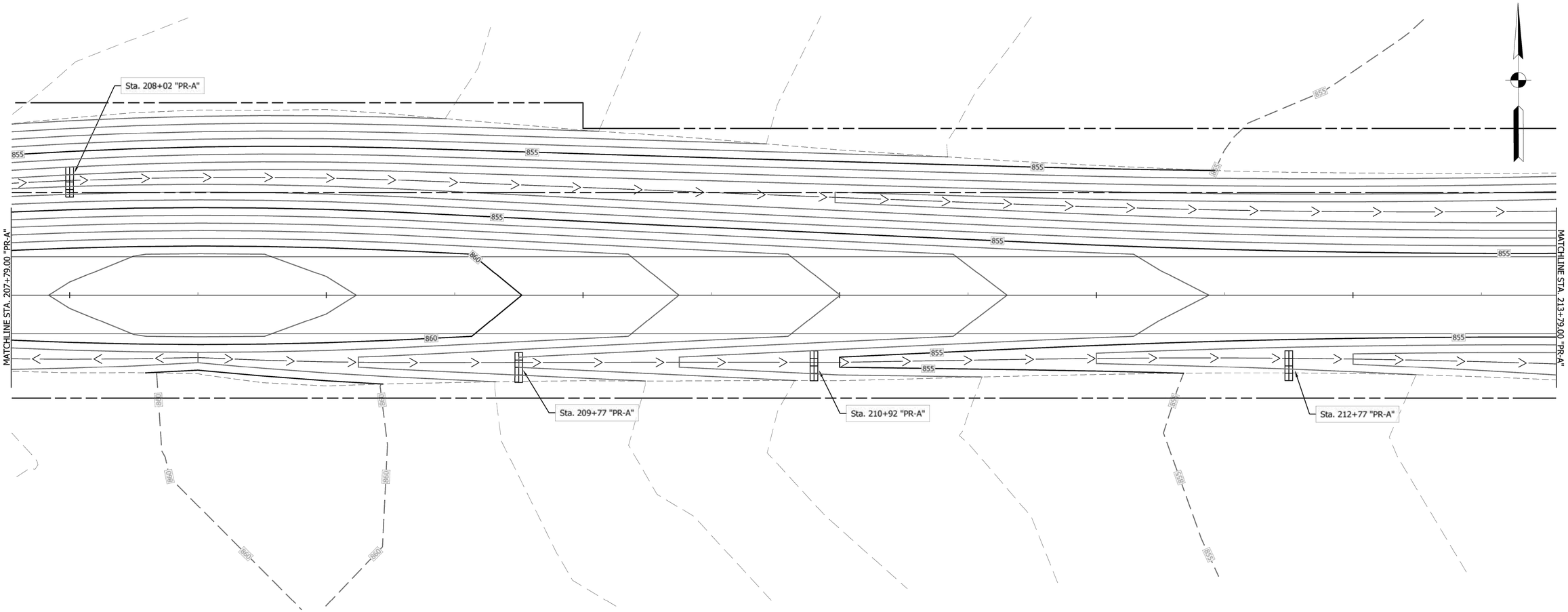
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INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 201+79.00 TO 207+79.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
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	CONTRACT
	R-43619

210+00



Notes:

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LEGEND:

COIR LOGS

PERMANENT SEEDING AND EROSION CONTROL BLANKET

INLET PROTECTION

TRAVERSABLE CHECK DAM

RIP-RAP

SEDIMENT TRAP

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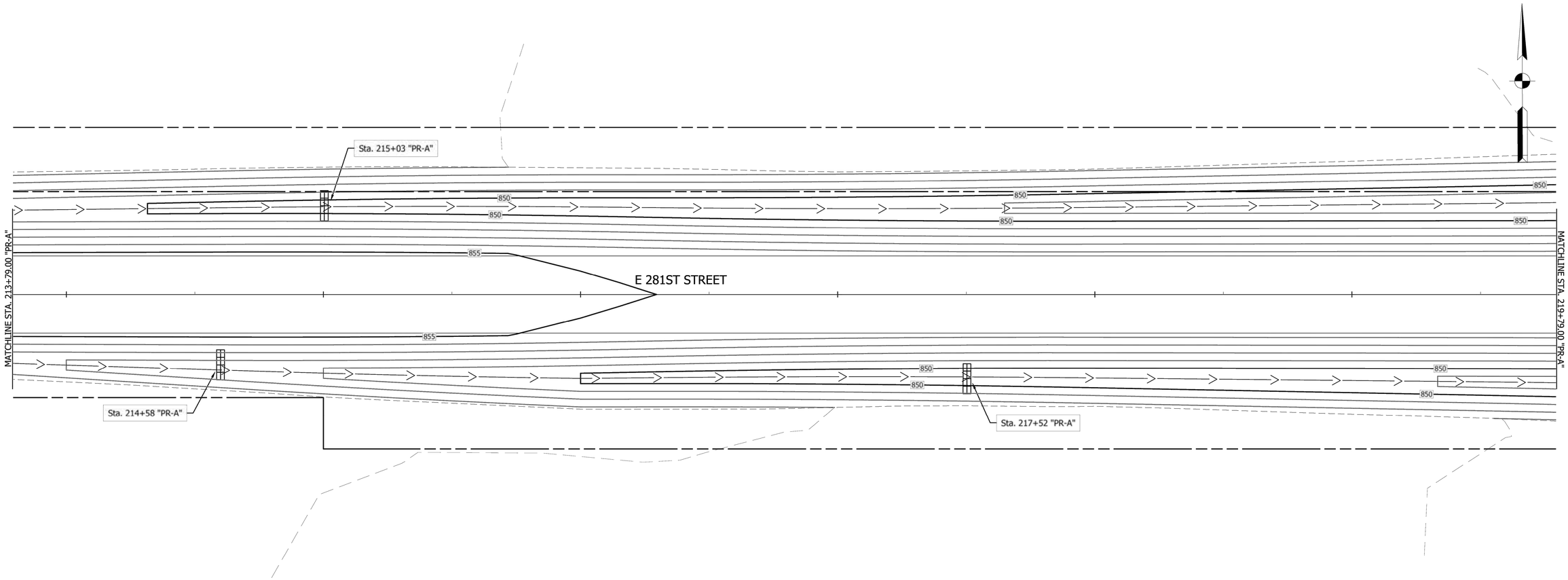
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INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 207+79.00 TO 213+79.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
	80 of 194
	CONTRACT
	R-43619

215+00



Notes:

1. Filter sock and coir logs shall be installed prior to any land disturbing activities. Check dams shall be installed as ditch grading is complete.
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3. Temporary erosion control measures shall be removed as permanent erosion control measures are installed.
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5. Do not allow any leak of fuels, chemicals, or excess sediments into Cicero Creek or nearby wetlands. In the event of a spill, contact IDEM immediately.

LEGEND:

COIR LOGS

PERMANENT SEEDING AND EROSION CONTROL BLANKET

INLET PROTECTION

TRAVERSABLE CHECK DAM

RIP-RAP

SEDIMENT TRAP

RECOMMENDED FOR APPROVAL

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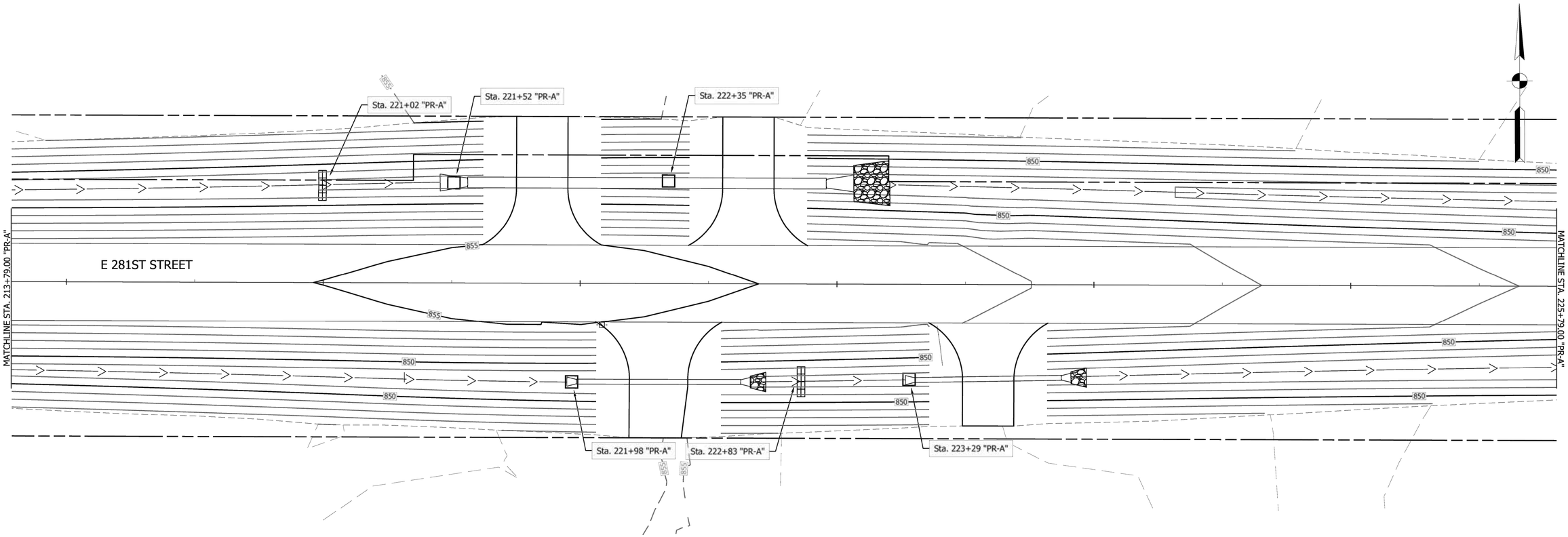
INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 213+79.00 TO 219+79.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
	81 of 194
	CONTRACT
	R-43619

220+00

225+00



Notes:

1. Filter sock and coir logs shall be installed prior to any land disturbing activities. Check dams shall be installed as ditch grading is complete.
2. Slopes of 3:1 or greater shall be immediately seeded and protected with erosion control blankets upon completion of grading.
3. Temporary erosion control measures shall be removed as permanent erosion control measures are installed.
4. Refer to Plan & Profile sheets for permanent erosion control measures.
5. Do not allow any leak of fuels, chemicals, or excess sediments into Cicero Creek or nearby wetlands. In the event of a spill, contact IDEM immediately.

LEGEND:

COIR LOGS

PERMANENT SEEDING AND EROSION CONTROL BLANKET

INLET PROTECTION

TRAVERSABLE CHECK DAM

RIP-RAP

SEDIMENT TRAP

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DESIGN ENGINEER DATE

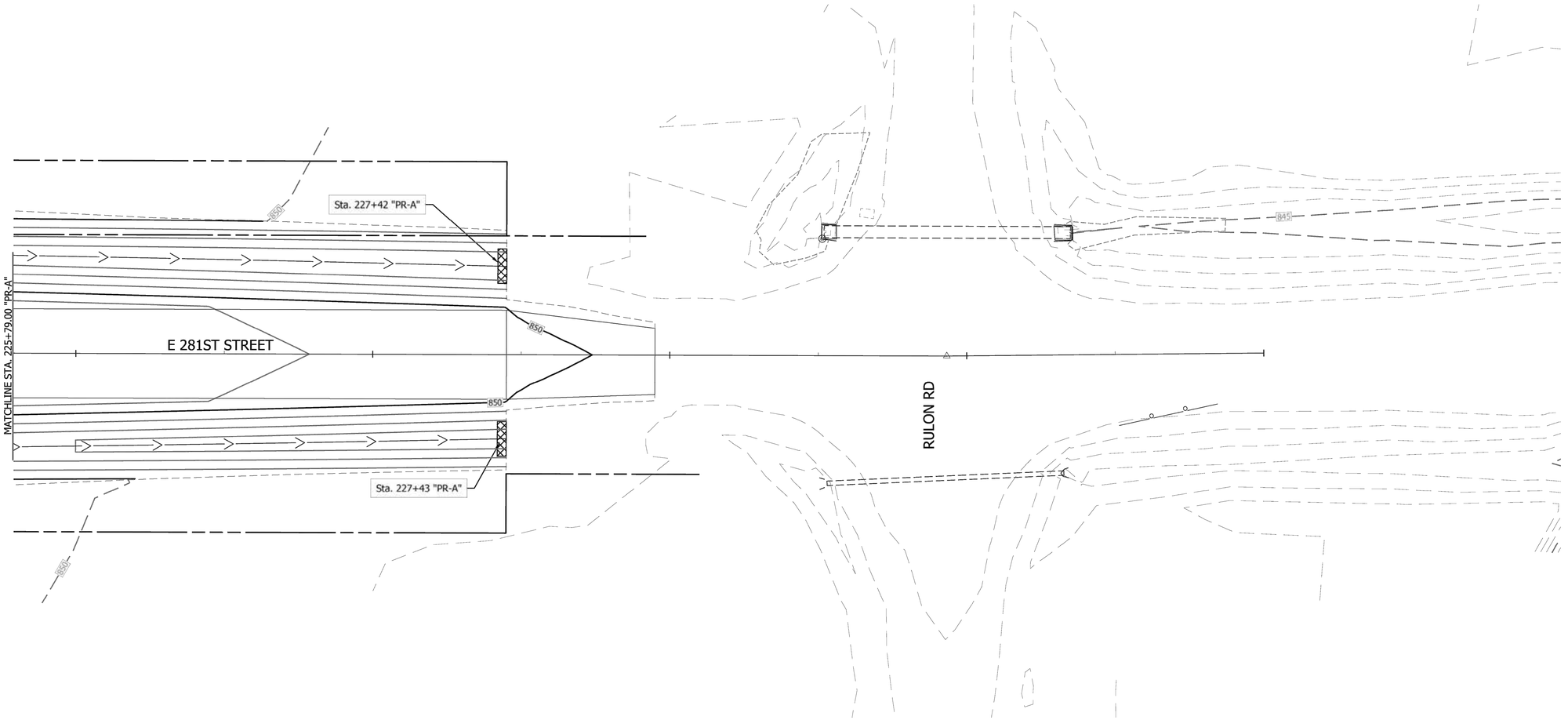
DESIGNED: MRR 8/26/2025 DRAWN: MRR 8/26/2025

CHECKED: MIT 5/19/2026 CHECKED: MIT 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 213+79.00 TO 225+79.00 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
	82 of 194
	CONTRACT
	R-43619



Notes:

1. Filter sock and coir logs shall be installed prior to any land disturbing activities. Check dams shall be installed as ditch grading is complete.
2. Slopes of 3:1 or greater shall be immediately seeded and protected with erosion control blankets upon completion of grading.
3. Temporary erosion control measures shall be removed as permanent erosion control measures are installed.
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5. Do not allow any leak of fuels, chemicals, or excess sediments into Cicero Creek or nearby wetlands. In the event of a spill, contact IDEM immediately.

LEGEND:

COIR LOGS

PERMANENT SEEDING AND EROSION CONTROL BLANKET

INLET PROTECTION

TRAVERSABLE CHECK DAM

RIP-RAP

SEDIMENT TRAP

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MRR 8/26/2025 DRAWN: MRR 8/26/2025

CHECKED: MIT 5/19/2026 CHECKED: MIT 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL DETAILS
STA. 225+79.00 TO 228+93.27 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
	83 of 194
	CONTRACT
	R-43619

CONSTRUCTION/STORMWATER POLLUTION PREVENTION PLAN

ASSESSMENT OF CONSTRUCTION PLAN ELEMENTS (SECTION A)

A1 - INDEX OF THE LOCATION OF REQUIRED PLAN ELEMENTS IN THE CONSTRUCTION PLAN:
ALL REQUIRED EROSION CONTROL MEASURES ARE SHOWN ON SHEETS 60 TO 81.
A2 - A VICINITY MAP DEPICTING THE PROJECT SITE LOCATION IN RELATIONSHIP TO RECOGNIZABLE LOCAL LANDMARKS, TOWNS, AND MAJOR ROADS:
PLEASE REFER TO THE COVER SHEET.
A3 - NARRATIVE OF THE NATURE AND PURPOSE OF THE PROJECT:
PROJECT INCLUDES PATCHING AND REPAVING OF 281ST STREET BETWEEN CICERO ROAD AND RULON ROAD.
A4 - LATITUDE AND LONGITUDE TO THE NEAREST FIFTEEN (15) SECONDS:
PROJECT LOCATED AT 281ST STREET BETWEEN CICERO ROAD AND RULON ROAD..
LATITUDE: 40°11'51" N LONGITUDE: 86°01'21" W.
A5 - LEGAL DESCRIPTION OF THE PROJECT SITE:
PROJECT LIES IN THE N 1/2, NE 1/4, EXC E280.6 OF S170, HAMILTON COUNTY TWP., SEC 1, T 25 N, R 3 E.
A6 - 11x17-INCH PLAT SHOWING BLDG LOT NUMBERS/BOUNDARIES AND ROAD/LAYOUT NAMES:
SEE SHEETS 5 TO 9 FOR PLAT INFORMATION.
A7 - BOUNDARIES OF THE ONE HUNDRED (100) YEAR FLOODPLAINS, FLOODWAY FRINGES, AND FLOODWAYS:
TWO FEMA FIRMETTES ARE ATTACHED SHOWING ZONE A SPECIAL FLOOD HAZARD AREAS AT CICERO CREEK AND WEASEL CREEK. ALL OTHER AREAS ARE IN A ZONE X AREA OF MINIMAL FLOOD HAZARD.
A8 - LAND USE OF ALL ADJACENT PROPERTIES:
AGRICULTURAL DEVELOPMENTS BORDER THE SITE ON THE NORTH AND SOUTH.
A9 - IDENTIFICATION OF A U.S. EPA APPROVED OR ESTABLISHED TMDL:
RUNOFF WILL DISCHARGE INTO CICERO CREEK, LISTED ON INDIANA'S 303(D) LIST FOR E. COLI. COMPLIANCE WITH IDEM WATER QUALITY STANDARDS IS REQUIRED. THE E. COLI WQS WAS 125 CFU/100ML.
A10 - NAME(S) OF THE RECEIVING WATER(S):
CICERO CREEK.
A11 - IDENTIFICATION OF DISCHARGES TO WATER ON THE CURRENT 303(D) LIST OF IMPAIRED WATERS AND THE POLLUTANT(S) FOR WHICH IT IS IMPAIRED:
RUNOFF WILL DISCHARGE INTO CICERO CREEK, LISTED ON INDIANA'S 303(D) LIST FOR E. COLI. COMPLIANCE WITH IDEM WATER QUALITY STANDARDS IS REQUIRED. THE E. COLI WQS WAS 125 CFU/100ML.
A12 - SOILS MAP OF PREDOMINANT SOIL TYPES:
SEE MAP ON DETAIL SHEET.
A13 - IDENTIFICATION AND LOCATION OF ALL KNOWN WETLANDS, LAKES, AND WATER COURSES ON OR ADJACENT TO THE PROJECT SITE (CONSTRUCTION PLAN, EXISTING SITE LAYOUT):
PROJECT FEATURES A BRIDGE OVER CICERO CREEK. WETLANDS A & B ARE IDENTIFIED ON EROSION CONTROL SHEETS.
A14 - IDENTIFICATION OF ANY OTHER STATE OR FEDERAL WATER QUALITY PERMITS OR AUTHORIZATIONS THAT ARE REQUIRED FOR CONSTRUCTION ACTIVITIES:
WETLAND PERMIT
A15 - IDENTIFICATION AND DELINEATION OF EXISTING COVER, INCLUDING NATURAL BUFFERS:
EXISTING COVER IS PRIMARILY TURF GRASSES AND AGRICULTURAL FIELDS TO THE NORTH AND SOUTH OF THE CORRIDOR. TREE CLEARING IS NOT ANTICIPATED ALONG THE CORRIDOR.
A16 - EXISTING SITE TOPOGRAPHY AT AN INTERVAL APPROPRIATE TO INDICATE DRAINAGE PATTERNS:
SEE EXISTING CONDITIONS SHEETS FOR EXISTING SITE TOPOGRAPHY.
A17 - LOCATION(S) WHERE RUNOFF ENTERS THE PROJECT SITE:
RUN-OFF ENTERS THE PROJECT SITE PRIMARILY VIA SHEET FLOW FROM ADJACENT PARCELS.
A18 - LOCATION(S) WHERE RUN-OFF DISCHARGES FROM THE PROJECT SITE PRIOR TO LAND DISTURBANCE:
RUNOFF EXITS THE PROJECT SITE INTO THE SURROUNDING SOIL. ROADSIDE DITCHES DIRECT RUN-OFF TO CICERO CREEK AND WEASEL CREEK.
A19 - LOCATION OF ALL EXISTING STRUCTURES ON THE PROJECT SITE:
EXISTING PIPE UNDERNEATH 281ST ST IS LOCATED AT STA 110+10, 128+40, AND 144+79. EXISTING PIPES SERVE TO CONVEY WATER BETWEEN EXISTING ROADSIDE DITCHES. THERE ARE NO MANHOLES OR INLETS ON THE PROJECT SITE.
A20 - EXISTING PERMANENT RETENTION OR DETENTION FACILITIES, INCLUDING MANMADE WETLANDS, DESIGNED FOR THE PURPOSE OF STORMWATER MANAGEMENT:
EXISTING WETLAND A IS LOCATED AT 110+10. EXISTING WETLANDS B AND C ARE LOCATED AT APPROXIMATELY 128+40. BOTH WILL BE AFFECTED BY ROADSIDE DITCH GRADING.
A21 - LOCATIONS WHERE STORMWATER MAY BE DIRECTLY DISCHARGED INTO GROUND WATER, SUCH AS ABANDONED WELLS, SINKHOLES, OR KARST FEATURES:
THERE APPEAR TO BE NO DIRECT CONNECTIONS TO GROUNDWATER ON THE SITE.
A22 - SIZE OF THE PROJECT AREA EXPRESSED IN ACRES:
PROJECT AREA IS APPROXIMATELY 12 ACRES.
A23 - TOTAL EXPECTED LAND DISTRIBUANCE EXPRESSED IN ACRES:
12 ACRE OF LAND DISTURBANCE.
A24 - PROPOSED FINAL TOPOGRAPHY:
PLEASE REFER TO EROSION CONTROL SHEETS 60-81 AND CROSS SECTIONS.
A25 - LOCATIONS AND APPROXIMATE BOUNDARIES OF ALL DISTURBED AREAS:
CONSTRUCTION LIMIT LINES ARE SHOWN ON THE SITE PLANS SHEETS 15-23.
A26 - LOCATIONS, SIZE, AND DIMENSIONS OF ALL STORMWATER DRAINAGE SYSTEMS SUCH AS CULVERTS, STORMWATER SEWER, AND CONVEYANCE CHANNELS:
57 LFT OF 3'X4' BOX CULVERT UNDERNEATH 281ST ST IS LOCATED AT STA 110+10.
72 LFT OF 84" PIPE UNDERNEATH 281ST ST IS LOCATED AT STA 128+40.
57 LFT OF 3'X4' BOX CULVERT UNDERNEATH 281ST ST IS LOCATED AT STA 144+79.
A27 - LOCATION OF SPECIFIC POINTS WHERE STORMWATER AND NON-STORMWATER DISCHARGES WILL LEAVE THE PROJECT SITE:
ALL STORMWATER IS COLLECTED IN ROADSIDE DITCHES AND LEAVES THE SITE THROUGH CICERO CREEK AND WEASEL CREEK OR ONTO WETLANDS A, B, AND C.
A28 - LOCATION OF ALL PROPOSED SITE IMPROVEMENTS, INCLUDING ROADS, UTILITIES, LOT DELINEATION AND IDENTIFICATION, PROPOSED STRUCTURES, AND COMMON AREAS:
PLEASE SEE CONSTRUCTION DETAIL SHEETS 25 TO 46.
A29 - LOCATION OF ALL ON-SITE AND OFF-SITE SOIL STOCKPILES AND BORROW AREAS:
CURRENTLY, THERE ARE NO PLANS TO HAVE STOCKPILES OR BORROW AREAS.
A30 - CONSTRUCTION AND SUPPORT ACTIVITIES THAT ARE EXPECTED TO BE PART OF THE PROJECT:
AT THIS TIME, NO STAGING OR LAYDOWN AREAS ARE PROPOSED FOR THE PROJECT.
A31 - LOCATION OF ANY IN-STREAM ACTIVITIES THAT ARE PLANNED FOR THE PROJECT INCLUDING, BUT NOT LIMITED TO, STREAM CROSSING AND PUMP AROUNDS:
PUMP AROUND LOCATIONS ARE SHOWN ON EROSION CONTROL SHEETS AT STA 110+10 AND 128+40.

ASSESSMENT OF STORMWATER POLLUTION PREVENTION PLAN-CONSTRUCTION COMPONENT (SECTION B)

B1 - DESCRIPTION OF POTENTIAL POLLUTANT GENERATING SOURCES AND POLLUTANTS, INCLUDING ALL POTENTIAL NON-STORMWATER DISCHARGES:
POTENTIAL POLLUTANT SOURCES DURING CONSTRUCTION INCLUDE DISTURBED SOILS, EQUIPMENT USED DURING CONSTRUCTION, MULCH, CONCRETE WASH-OUT AREA, TRASH FROM CONSTRUCTION, FERTILIZERS, PESTICIDES, AND HERBICIDES.
B2 - STABLE CONSTRUCTION ENTRANCE LOCATIONS AND SPECIFICATIONS:
CONSTRUCTION ENTRANCE AND LIMITS TO BE DETERMINED.
B3 - SPECIFICATIONS FOR TEMPORARY AND PERMANENT STABILIZATION:
TEMPORARY CHECK DAMS WILL BE PLACED IN THE DITCH ON EITHER SIDE OF 281ST ST.
B4 - SEDIMENT CONTROL MEASURES FOR CONCENTRATED FLOW AREAS:
TEMPORARY CHECK DAMS WILL BE PLACED IN THE DITCH ON EITHER SIDE OF 281ST ST.
B5 - SEDIMENT CONTROL MEASURES FOR SHEET FLOW AREAS:
NONE
B6 - RUN-OFF CONTROL MEASURES:
NOT APPLICABLE.
B7 - STORMWATER OUTLET PROTECTION LOCATION AND SPECIFICATIONS:
NO NEW OUTLETS ARE BEING PROPOSED.
B8 - GRADE STABILIZATION STRUCTURE LOCATIONS AND SPECIFICATIONS:
NONE
B9 - DEWATERING APPLICATIONS AND MANAGEMENT METHODS:
PUMP AROUND LOCATIONS ARE SHOWN ON EROSION CONTROL SHEETS AT STA 110+10 AND 128+40.
B10 - MEASURES UTILIZED FOR WORK WITHIN WATER BODIES:
PUMP AROUND LOCATIONS ARE SHOWN ON EROSION CONTROL SHEETS AT STA 110+10 AND 128+40.
B11 - MAINTENANCE GUIDELINES FOR EACH PROPOSED STORMWATER QUALITY MEASURE:
REFER TO EROSION CONTROL DETAIL SHEET 83 FOR THIS INFORMATION.
B12 - PLANNED CONSTRUCTION SEQUENCE THAT DESCRIBES THE IMPLEMENTATION OF STORMWATER QUALITY MEASURES IN RELATION TO LAND DISTURBANCE:
SEE EROSION AND SEDIMENT CONTROL SEQUENCE ON THIS SHEET
B13 - PROVISIONS FOR EROSION AND SEDIMENT CONTROL ON INDIVIDUAL BUILDING LOTS REGULATED UNDER THE PROPOSED PROJECT:
NOT APPLICABLE
B14 - MATERIAL HANDLING AND SPILL PREVENTION AND SPILL RESPONSE PLAN MEETING THE REQUIREMENTS OF 327 IAC 2-6-1:
EXPECTED CONSTRUCTION MATERIALS ON SITE MAY INCLUDE VEHICLE LUBRICANTS, OILS, VEHICULAR FUELS, CONCRETE WASH-OUT, MULCH, PESTICIDES, HERBICIDES, FERTILIZER, AND TRASH. FUELS, OILS, AND GASOLINE CAN LEAK OR BE SPILLED FROM TRUCKS AND CONSTRUCTION EQUIPMENT WHICH COULD FIND THEIR WAY TO THE STORM SEWER CENTRAL COLLECTOR SYSTEM SMALL SPILLS AND LEAKS OF THESE MATERIALS ONTO NON-PAVED AREAS WILL BE SHOVELED INTO CONTAINERS OR DUMPSTERS FOR PROPER DISPOSAL. FUELING TRUCKS WILL BE EQUIPPED WITH SPILL PREVENTION KITS FOR SMALLER FUEL SPILLS. ALL VEHICULAR MAINTENANCE SHALL BE PERFORMED IN THE SAME DESIGNATED AREA THROUGHOUT THE CONSTRUCTION TIME FRAME. IF POSSIBLE, VEHICULAR MAINTENANCE SHALL BE DONE OFF-SITE AT FACILITIES THAT ARE DESIGNED TO HANDLE ANY MATERIAL SPILLAGE. THIS SHALL INCLUDE FUELING OF VEHICLES WHENEVER POSSIBLE. THE WAYNE TOWNSHIP FIRE DEPARTMENT (317) 247-8501 OR 911, INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, OFFICE OF EMERGENCY RESPONSE (800)-233-7745, SHALL BE NOTIFIED IMMEDIATELY FOR LARGER SPILLS OR LEAKS. THE NATIONAL RESPONSE CENTER (800)-424-8802 SHALL BE NOTIFIED AND PROVIDED WITH THE FOLLOWING INFORMATION: TIME OF SPILL, LOCATION OF SPILL, MATERIAL, SOURCE OF SPILL, APPROXIMATE VOLUME AND LENGTH OF SPILLAGE, WEATHER CONDITIONS AT TIME OF SPILL, PERSONAL PRESENT AT TIME OF SPILL, AND ALL ACTION TAKEN FOR POST SPILL CLEANUP. CONTRACTOR SHALL CONTACT A WASTE RECOVERY AGENCY IMMEDIATELY FOR REMOVAL OF CONTAMINATES AND COORDINATION OF MONITORING THE SITE DURING CLEANUP UNTIL ALL OF THE HAZARDOUS MATERIAL HAS BEEN REMOVED. CONTRACTOR SHALL COOPERATE WITH IDEM DURING AND AFTER THE SPILL TO ENSURE ALL REQUIRED CLEANUP AND FILING REPORTS ARE PROPERLY SUBMITTED. THE DEVELOPER SHALL BE CONTINUALLY INFORMED OF ANY CONTAMINATION CONCERNS OCCURRING ON THE SITE. THE CONSTRUCTION MANAGER SHALL KEEP ON SITE A LIST OF QUALIFIED CONTRACTORS FOR SPILL REMEDIATION. ALL SITE PERSONNEL, INCLUDING MAINTENANCE EMPLOYEES, SHALL BE MADE AWARE OF PROPER SPILL PREVENTION AND REMEDIATION TECHNIQUES. ALL MATERIALS USED TO ABSORB SPILLS SHALL BE PROPERLY DISPOSED OF IN AN APPROVED MANOR WILL LOCAL AND STATE LAWS. DO NOT FLUSH SPILL MATERIALS WITH WATER UNLESS DIRECTED TO DO SO BY A GOVERNING AGENCY. IT IS IMPORTANT THAT ALL MANUFACTURER'S INSTRUCTIONS BE FOLLOWED WHEN USING OR APPLYING ALL FERTILIZERS, HERBICIDES, AND PESTICIDES.
B15 - MATERIAL HANDLING AND STORAGE PROCEDURES ASSOCIATED WITH CONSTRUCTION ACTIVITY:
REFER TO SOLID WASTE MANAGEMENT SECTION ON THIS SHEET

ASSESSMENT OF STORMWATER POLLUTION PREVENTION POST-CONSTRUCTION COMPONENT (SECTION C)

C1 - DESCRIPTION OF POLLUTANTS AND THEIR SOURCES ASSOCIATED WITH THE PROPOSED LAND USE:
POTENTIAL POLLUTANT SOURCES POST CONSTRUCTION INCLUDE FERTILIZERS, HERBICIDES, PESTICIDES AND OTHER LAWN TREATMENT APPLICATIONS ALONG WITH ASSORTED FUELS, OILS AND LIQUIDS ASSOCIATED WITH VEHICULAR TRAFFIC THROUGHOUT THE DEVELOPED SITE.
C2 - DESCRIPTION OF PROPOSED POST-CONSTRUCTION STORMWATER MEASURES:
POST CONSTRUCTION STORMWATER MEASURES WILL INCLUDE A NEW WATER QUALITY UNIT AND THE EXISTING DRY DETENTION AREA.
C3 - PLAN DETAILS FOR EACH STORMWATER MEASURE:
PLEASE REFER TO EROSION CONTROL SHEETS 60 TO 81 FOR STORMWATER BMP LOCATIONS. EROSION CONTROL DETAILS ARE INCLUDED ON SHEET 83
C4 - SEQUENCE DESCRIBING STORMWATER MEASURE IMPLEMENTATION:
SILT FENCE, COIR LOGS, AND INLET PROTECTION SHALL BE INSTALLED PRIOR TO THE DISTURBANCE OF ANY SOIL.
SLOPES OF 3:1 OR GREATER SHALL BE IMMEDIATELY SEEDED AND PROTECTED WITH EROSION CONTROL BLANKETS UPON COMPLETION OF GRADING.
TEMPORARY CHECK DAMS ARE TO BE INSTALLED AS NEW SIDE DITCHES COMPLETE GRADING.
TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AS PERMANENT EROSION CONTROL MEASURES ARE INSTALLED.
C5 - MAINTENANCE GUIDELINES FOR PROPOSED POST-CONSTRUCTION STORMWATER MEASURES:
THE PROPERTY OWNER WILL PROVIDE MAINTENANCE ACTIVITIES FOR THE POST CONSTRUCTION WATER QUALITY MEASURES. MAINTENANCE ACTIVITIES WILL BE COMPLETED AS DESCRIBED BELOW. ALL INLET CASTINGS WILL BE INSPECTED MONTHLY. DEBRIS AND TRASH AROUND OR OBSTRUCTING INLETS WILL BE REMOVED. CATCH BASINS WILL BE INSPECTED QUARTERLY. TRASH, STICKS, DEBRIS, AND SEDIMENT WILL BE REMOVED TO ENSURE PROPER PERFORMANCE OF THE CATCH BASIN. GRASS AREAS SURROUNDING INLETS WILL BE MAINTAINED ON A REGULAR MOWING CYCLE. TRASH AND DEBRIS WILL BE REMOVED FROM SEEDED AND PAVED AREAS. DAMAGE TO INLET CASTINGS, INLET STRUCTURES, STORM STRUCTURES, OR CATCH BASINS SHOULD BE REPAIRED AS SOON AS POSSIBLE. TRASH OR OTHER DEBRIS SHALL BE REMOVED FROM THE DRY DETENTION AREAS AS OFTEN AS PRACTICAL. GRASS SHALL BE REGULARLY CUT TO INHIBIT THE GROWTH OF WEEDS AND OTHER UNDESIRABLE VEGETATION. GRASS CLIPPINGS SHALL BE BAGGED AND REMOVED FROM DRY DETENTION BASINS.
C6 - ENTITY THAT WILL BE RESPONSIBLE FOR OPERATION AND MAINTENANCE OF THE POST-CONSTRUCTION STORMWATER MEASURES:
THE OWNER WILL BE RESPONSIBLE FOR O&M OF THE POST-CONSTRUCTION MEASURES. SPECIFIC INDIVIDUALS ARE NOT KNOWN.

ADDITIONAL STORMWATER POLLUTION PREVENTION MEASURES

DESCRIPTION AND PURPOSE

TO PREVENT OR REDUCE THE AMOUNT OF CONTAMINATION TO STORMWATER RESULTING FROM VEHICLE AND EQUIPMENT MAINTENANCE BY MAINTAINING A "DRY AND CLEAN SITE". THE BEST PRACTICE WOULD BE TO PERFORM MAINTENANCE ACTIVITIES AT AN OFFSITE FACILITY WHENEVER POSSIBLE. IF THIS OPTION IS NOT FEASIBLE, THEN WORK SHOULD BE PERFORMED ONLY IN DESIGNATED AREAS, WHILE PROVIDING ADEQUATE COVER FOR MATERIALS STORED OUTSIDE, ROUTINELY CHECKING FOR LEAKS AND SPILLS, AND CONTAINING AND CLEANING UP ALL SPILLS IMMEDIATELY.

SUITABLE APPLICATIONS

THESE PROCEDURES ARE APPLICABLE FOR ALL CONSTRUCTION PROJECTS WHERE AN ONSITE STAGING YARD AREA IS NECESSARY FOR THE STORAGE AND MAINTENANCE OF HEAVY CONSTRUCTION EQUIPMENT AND VEHICLES.

LIMITATIONS

VEHICLE AND EQUIPMENT MAINTENANCE SHOULD ONLY BE PERFORMED ONSITE WHEN IT IS IMPRACTICAL TO SEND THEM OFFSITE FOR MAINTENANCE AND REPAIR. TRANSPORTING VEHICLES AND /EQUIPMENT OFFSITE SHOULD BE DONE ONLY AT THE STABILIZED CONSTRUCTION ENTRANCE/EXIT. VEHICLE STORAGE AND EQUIPMENT MAINTENANCE PROVIDES FOR A POTENTIALLY SIGNIFICANT SOURCE OF STORMWATER POLLUTION. ONSITE ACTIVITIES THAT CAN CONTAMINATE STORMWATER INCLUDE GENERAL MAINTENANCE SUCH AS CHANGING OR REPLACEMENT OF FLUIDS AND FILTERS, ENGINE REPAIR AND SERVICE, AND OUTDOOR EQUIPMENT STORAGE OR PARKING (FROM SOURCES SUCH AS THE ENGINE, OIL, FUEL, OR HYDRAULIC FLUID LEAKS)

IMPLEMENTATION

IF MAINTENANCE MUST OCCUR ONSITE, WORK SHOULD BE DONE ONLY IN DESIGNATED AREAS LOCATED AWAY FROM DRAINAGE COURSES. DEDICATED MAINTENANCE AREAS SHOULD BE PROTECTED FROM STORMWATER INFILTRATION AND RUNOFF. THE MAINTENANCE AREA SHOULD BE LOCATED AT LEAST 50 FEET FROM DOWNSTREAM DRAINAGE FACILITIES, WATERWAYS, AND FLOOD PLAINS.

STORE AN ADEQUATE AMOUNT OF SPILL CLEANUP MATERIALS ONSITE WHERE THEY CAN BE READILY ACCESSIBLE.

DRIP PANS OR ABSORBENT PADS SHOULD BE USED DURING VEHICLE AND EQUIPMENT MAINTENANCE WORK THAT INVOLVES FLUIDS, UNLESS THE MAINTENANCE WORK IS PERFORMED OVER AN IMPERMEABLE SURFACE WITHIN THE DEDICATED MAINTENANCE AREA

USE ABSORBENT MATERIALS ON SMALL SPILL AREAS. REMOVE THE CONTAMINATED ABSORBENT MATERIALS PROMPTLY AND DISPOSE OF THEM PROPERLY.

ALL FUELING TRUCKS AND FUELING AREAS SHALL HAVE SPILL KITS AND/OR USE OTHER ADEQUATE SPILL PROTECTION DEVICES.

INSPECT ONSITE VEHICLES AND EQUIPMENT DAILY AT THE BEGINNING OF EACH DAY FOR LEAKS AND REPAIR IMMEDIATELY.

KEEP VEHICLES AND EQUIPMENT CLEAN; DO NOT ALLOW EXCESSIVE BUILD-UP OF OIL, GREASE OR SILT MATERIALS THAT MAY CONTAMINATE OTHER PORTIONS OF THE SITE.

EMPLOYEES AND SUBCONTRACTORS SHALL BE TRAINED IN PROPER MAINTENANCE AND SPILL MEDIATION PROCEDURES.

PROPERLY DISPOSE OF USED OILS, FLUIDS, LUBRICANTS, AND SPILL CLEANUP MATERIALS PER LOCAL AND STATE LAWS.

SEPARATE AND RECYCLE WASTES SUCH AS GREASES, USED OIL, HYDRAULIC FLUID, OIL FILTERS, ANTIFREEZE, CLEANING SOLVENTS, BATTERIES, AND TRANSMISSION FLUIDS. IF THESE MATERIALS ARE STORED ONSITE, PROVIDE ADEQUATE SECONDARY CONTAINMENT AND COVERS.

DO NOT PLACE USED OIL IN AN UNAPPROVED DUMPSTER, POUR INTO A STORM DRAIN OR WATERCOURSE, OR POUR ONTO THE GROUND.

DRIP PANS OR PLASTIC SHEETING SHOULD BE PLACED UNDER ALL VEHICLES AND EQUIPMENT PLACED ON WATERWAY DOCKS, BARGES, OR OTHER STRUCTURES LOCATED OVER WATER BODIES WHEN THE VEHICLE OR EQUIPMENT IS ANTICIPATED TO BE IDLE FOR MORE THAN ONE HOUR.

DO NOT BURY OR BURN USED TIRES.

SOLID WASTE MANAGEMENT

DESCRIPTION AND PURPOSE

SOLID WASTE MANAGEMENT PROCEDURES AND PRACTICES ARE DESIGNED TO PREVENT OR REDUCE THE POTENTIAL FOR DISCHARGE OF POLLUTANTS TO STORMWATER FROM SOLID OR CONSTRUCTION WASTE BY PROVIDING DESIGNATED WASTE COLLECTION AREAS AND CONTAINERS, ENSURING REGULAR DISPOSAL, AND TRAINING OF EMPLOYEES AND SUBCONTRACTORS.

SUITABLE APPLICATIONS

THIS PRACTICE IS APPLICABLE FOR CONSTRUCTION SITES WHERE THE FOLLOWING WASTES ARE GENERATED OR STORED:

SOLID WASTE GENERATED FROM DEMOLITION ACTIVITIES SUCH AS TREES OR SHRUBS, DEMOLITION OF EXISTING STRUCTURES, AND NEW BUILDING CONSTRUCTION MATERIALS INCLUDING CONCRETE, MASONRY, WOOD, METAL, GLASS, RUBBER, STYROFOAM, PAPER, PLASTIC, PIPE, ELECTRICAL COMPONENTS, AND PACKAGING MATERIALS.

DOMESTIC WASTES INCLUDE: FOOD CONTAINERS, BEVERAGE CONTAINERS, COFFEE CUPS, PAPER BAGS, PLASTIC WRAPPERS, STYROFOAM, AND CIGARETTES

CONSTRUCTION WASTES INCLUDING BRICK, MORTAR, TIMBER, STEEL AND METAL SCRAPS, PIPE AND ELECTRICAL CUTTINGS, NON-HAZARDOUS EQUIPMENT PARTS, STYROFOAM AND OTHER MATERIALS SEND TRANSPORT AND PACKAGE CONSTRUCTION MATERIALS

IMPLEMENTATION
THE FOLLOWING STEPS WILL AID IN KEEPING THE SITE CLEAN AND REDUCE THE POTENTIAL FOR STORMWATER POLLUTION:

SELECT A DESIGNATED WASTE COLLECTION AREA ONSITE THAT IS DOWNSTREAM FROM THE STORMWATER COLLECTION SYSTEM AND AT LEAST 50 FEET AWAY FROM ALL WATERWAYS AND FLOOD PLAINS.

INFORM THE TRASH-HAULING CONTRACTOR THAT ONLY WATERTIGHT DUMPSTERS FOR ONSITE USE WILL BE ACCEPTED.

INSPECT DUMPSTERS WHEN THEY REACH THE SITE FOR LEAKS. REJECT ANY DUMPSTER THAT IS NOT WATERTIGHT OR IS DEFECTIVE.

PROVIDE AN ADEQUATE NUMBER OF CONTAINERS WITH LIDS OR COVERS TO KEEP RAINWATER OUT AND TO PREVENT LOSS OF MATERIALS DUE TO WINDY CONDITIONS.

ALLOW FOR ADDITIONAL DUMPSTERS OR MORE FREQUENT PICKUPS DURING THE DEMOLITION PHASE OF CONSTRUCTION TO INSURE TRASH MATERIALS DO NOT GET STORED ON THE GROUND.

HAVE SITE TRASH COLLECTED DAILY. DURING RAINY AND WINDY CONDITIONS IT MAY BE NECESSARY TO COLLECT TRASH MORE THAN ONCE A DAY.

REMOVE SOLID WASTE MATERIALS PROMPTLY FROM THE SITE SINCE EROSION AND SEDIMENT CONTROL MEASURES TEND TO COLLECT TRASH WHICH HINDERS THE EFFECTIVENESS OF THE EROSION CONTROL MEASURES.

INSURE THAT TOXIC LIQUID WASTES SUCH AS USED OILS, SOLVENTS, AND PAINTS AND CHEMICALS SUCH AS ACIDS, PESTICIDES, ADDITIVES, AND CURING COMPOUNDS ARE NOT DISPOSED OF IN DUMPSTERS DESIGNATED FOR CONSTRUCTION DEBRIS BUT ARE PROPERLY DISPOSED OF ACCORDING TO LOCAL AND STATE LAWS.

DO NOT WASH OUT DUMPSTERS ON THE CONSTRUCTION SITE. DUMPSTER CLEANING SHOULD BE THE RESPONSIBILITY OF THE TRASH HAULING CONTRACTOR.

ARRANGE FOR REGULAR WASTE COLLECTION BEFORE DUMPSTERS OVERFLOW. DO NOT PILE MATERIAL ABOVE THE DUMPSTER SIDE OR ALLOW MATERIAL TO DRAPE OVER THE SIDES.

IMMEDIATELY CLEAN UP DUMPSTER SHOULD A SPILL OCCUR.

MAKE SURE THAT CONSTRUCTION WASTE IS COLLECTED, REMOVED, AND DISPOSED OF IN A TIMELY MANOR BY AN AUTHORIZED DISPOSAL CONTRACTOR.

EROSION AND SEDIMENT CONTROL SEQUENCE

1. ASSIGN AN ON-SITE PERSON WITH THE DAILY RESPONSIBILITY AND AUTHORITY TO ENSURE THAT EROSION/SEDIMENT CONTROL PRACTICES ARE INSTALLED ACCORDING TO THIS SEQUENCE SCHEDULE.
2. CONTACT INDIANA 811 FOR UNDERGROUND UTILITY LOCATIONS. DIAL 811 OR 1-800-382-5544. PLEASE NOTE, PRIVATE UTILITIES MAY HAVE TO BE CONTACTED INDIVIDUALLY FOR FACILITY LOCATION MARKINGS.
3. INSTALL AN ADEQUATE AND STABLE CONSTRUCTION ENTRANCE / EXIT DRIVE FROM THE CONSTRUCTION SITE TO KEEP MUD AND SEDIMENT OFF PUBLIC ROADS. DUST SHALL BE KEPT TO A MINIMUM BY UTILIZING SPRINKLING, CALCIUM CHLORIDE, VEGETATIVE COVER, SRRAY ON ADHESIVES OR OTHER APPROVED METHODS. SPRINKLING, CALCIUM CHLORIDE, VEGETATIVE COVER, SPRAY ON ADHESIVES OR OTHER APPROVED METHODS.
4. IDENTIFY CONSTRUCTION STAGING, MATERIAL STORAGE, CONCRETE AND MASONRY WASHOUT AREAS, DUMPSTER AREA. EACH AREA SHALL PROPERLY PROTECTED AND DELINEATED PRIOR TO CONSTRUCTION. DUMPSTER AREA. EACH AREA SHALL PROPERLY PROTECTED AND DELINEATED PRIOR TO CONSTRUCTION.
5. ONCE EROSION AND SEDIMENT CONTROL MEASURES ARE IN PLACE, BEGIN LAND CLEARING FOLLOWED IMMEDIATELY BY GRADING. DO NOT LEAVE LARGE AREAS UNPROTECTED FOR MORE THAN 7 DAYS.
6. START MASS EARTHWORK INCLUDING TOPSOIL STRIPPING AND STOCKPILE.
7. AS GRADING PROGRESSES, INSTALL ADDITIONAL TRAPS, SILT FENCES, SLOPE DRAINS, TEMPORARY DIVERSIONS, AND OTHER RUNOFF CONTROL MEASURES AT APPROPRIATE LOCATIONS TO KEEP SEDIMENT CONTAINED ON-SITE.
8. INSTALL THE MAIN RUNOFF CONVEYANCE SYSTEM WITH INLET AND OUTLET PROTECTION DEVICES TO CONVEY STORM RUNOFF THROUGH THE SITE WITHOUT CREATING GULLIES AND TO PREVENT DAMAGE TO OPEN CHANNELS. SIDES OF SWALES, MOUNDS AND PONDS TO BE SEEDED AND MULCHED UPON COMPLETION. TEMPORARY SEEDING SHALL BE REQUIRED FOR ALL SWALES AND DISTURBED AREAS THAT CAN NOT BE FINAL SEEDED WITHIN A TIME PERIOD THAT WILL PREVENT SLOPE EROSION. FOR TEMPORARY SEEDING, THE CONTRACTOR SHALL UTILIZE A FAST GROWING SEED OF EITHER OATS, ANNUAL RYE GRASS, WHEAT OR RYE DEPENDING ON TIMING. DISTURBED AREAS SHALL BE KEPT TO A MINIMUM AT ALL TIMES.
9. AS SOON AS THE STORM DRAIN SYSTEM IS FUNCTIONAL, INSTALL DRAIN INLET PROTECTIONS, WHICH TRAP SEDIMENT ON-SITE IN SHALLOW POOLS WHILE ALLOWING HIGH WATER FLOWS TO ENTER THE SYSTEM.
10. INSTALL OTHER UTILITIES.
11. IMMEDIATELY AFTER GRADING, APPLY SURFACE STABILIZATION PRACTICES ON ALL GRADED AREAS, USING PERMANENT MEASURES IN ACCORDANCE WITH THE EROSION CONTROL PLAN. HOWEVER, IF WEATHER DELAYS PERMANENT STABILIZATION, TEMPORARY SEEDING AND/OR MULCHING MAY BE NECESSARY AS A STOP-QAP MEASURE. ALSO STABILIZE (USING TEMPORARY SEEDING/MULCHING OR OTHER SUITABLE MEANS) ANY DISTURBED AREA WHERE ACTIVE CONSTRUCTION WILL NOT TAKE PLACE FOR 15 WORKING DAYS.
12. AFTER CONSTRUCTION AND FINAL GRADING, LANDSCAPE AND PERMANENTLY STABILIZE ALL DISTURBED SITES, INCLUDING BORROW AND DISPOSAL AREAS. ALSO REMOVE TEMPORARY RUNOFF CONTROL STRUCTURES AND ANY UNSTABLE SEDIMENT AROUND THEM, AND VEGETATE THOSE AREAS.
13. MAINTAIN ALL EROSION AND SEDIMENT CONTROL PRACTICES UNTIL ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.

CONCRETE AND MASONRY WASHOUT AREAS

THE FOLLOWING STEPS WILL HELP REDUCE STORMWATER POLLUTION FROM CONCRETE AND MASONRY WASTES: DISCUSS THE CONCRETE MANAGEMENT TECHNIQUES DESCRIBED, SUCH AS HANDLING OF CONCRETE WASTE AND WASHOUT AREAS WITH THE READY-MIX CONCRETE SUPPLIER BEFORE ANY DELIVERIES ARE MADE. DISCUSS MASONRY WASTE MANAGEMENT TECHNIQUES WITH THE MASONRY CONTRACTORS FOR THE CONTROL OF CEMENT MIXER WASHOUT AREAS.

INCORPORATE REQUIREMENTS FOR CONCRETE AND MASONRY WASTE MANAGEMENT INTO MATERIAL SUPPLIER AND SUBCONTRACTOR AGREEMENTS.

STORE DRY AND LIQUID MATERIALS IN A COVERED AREA AWAY FROM DRAINAGE AREAS. PREVENT MASONRY SAND STOCKPILE FROM WASHING INTO STREETS, STORM DRAINAGE SYSTEMS, AND WATERWAYS.

AVOID MIXING EXCESS AMOUNTS OF FRESH CONCRETE OR MORTAR.

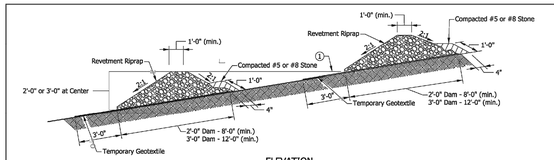
PERFORM WASHOUT OF CONCRETE TRUCKS OFFSITE OR IN DESIGNATED AREAS ONLY.

PERFORM MORTAR MIXER WASHOUT IN ONE DESIGNATED AREA FOR THE DURATION OF THE PROJECT.

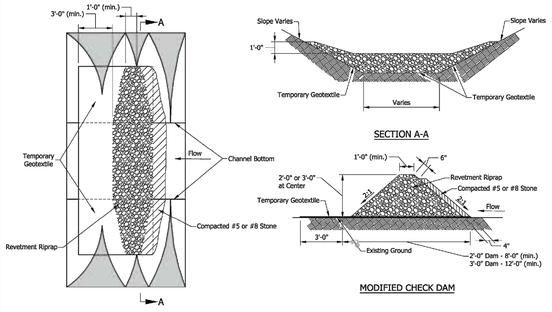
DO NOT WASH OUT CONCRETE TRUCKS OR MORTAR MIXERS INTO STORM DRAINS, OPEN DITCHES, STREETS, OR WATERWAYS.

DO NOT ALLOW EXCESS CONCRETE OR MORTAR TO BE DUMPED ONSITE, EXCEPT IN DESIGNATED AREAS.

FOR ONSITE WASHOUT AREAS:
-LOCATE WASHOUT AREA AT LEAST 50 FEET FROM STORM DRAINS, OPEN DITCHES, OR WATERWAYS.
-DO NOT ALLOW RUNOFF TO LEAVE THE DESIGNATED AREA BY CONSTRUCTING A TEMPORARY PIT OR BERMED AREA LARGE ENOUGH FOR LIQUID AND SOLID WASTE.
-WASH OUT WASTES INTO THE TEMPORARY PIT WHERE THE CONCRETE CAN SET, BE BROKEN UP, AND BE DISPOSED OF PROPERLY.
-AVOID CREATING UNNECESSARY RUNOFF BY DRAINING WATER FROM THE WASHOUT AREA INTO A BERMED, LEVEL AREA WHEN WASHING CONCRETE TO REMOVE FINE PARTICLES AND EXPOSE THE AGGREGATE.
-DO NOT W



ELEVATION



PLAN

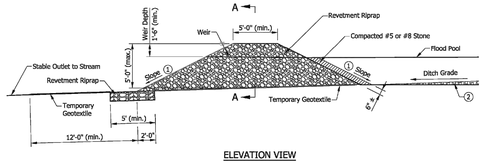
SECTION A-A

MODIFIED CHECK DAM

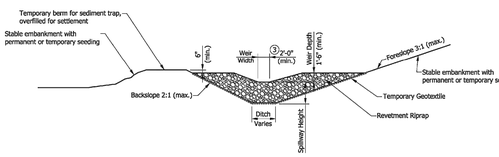
NOTE:

1. Riprap check dams shall be spaced such that the top of the downstream check dam is at the same elevations as the toe of the adjacent upstream check dam.

INDIANA DEPARTMENT OF TRANSPORTATION		
TEMPORARY CHECK DAM, REVETMENT RIPRAP		
SEPTEMBER 2019		
STANDARD DRAWING NO. E 205-TECD-06		
No. 10200124 STATE OF — REGISTERED PROFESSIONAL ENGINEER	DESIGN STANDARDS ENGINEER	5/2/2019 DATE
	CHIEF ENGINEER	5/31/2019 DATE



ELEVATION VIEW

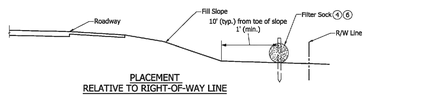


SECTION A-A

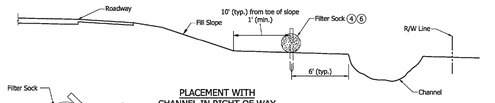
NOTES:

1. Slope should be 3:1 maximum on the near side with respect to the direction of traffic while the far side slope may be 2:1 maximum.
2. This area may be excavated below proposed ditch grade to achieve sediment trap capacity. Area shall not be excavated below the bottom elevation of sediment trap riprap. Over-excavation does not count toward trap capacity of 2-year, 24-hour storm event.
3. Weir width equals ditch bottom width, minimum 2ft.

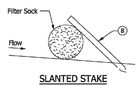
INDIANA DEPARTMENT OF TRANSPORTATION		
TEMPORARY SEDIMENT TRAP		
SEPTEMBER 2019		
STANDARD DRAWING NO. E 205-TECD-09		
No. 10200124 STATE OF — REGISTERED PROFESSIONAL ENGINEER	DESIGN STANDARDS ENGINEER	5/2/2019 DATE
	CHIEF ENGINEER	5/31/2019 DATE



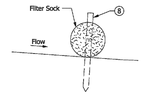
PLACEMENT
RELATIVE TO RIGHT-OF-WAY LINE



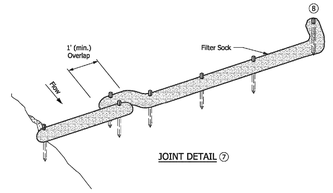
PLACEMENT WITH
CHANNEL IN RIGHT OF WAY



SLANTED STAKE
SECURING METHOD



STAKE THROUGH
SECURING METHOD



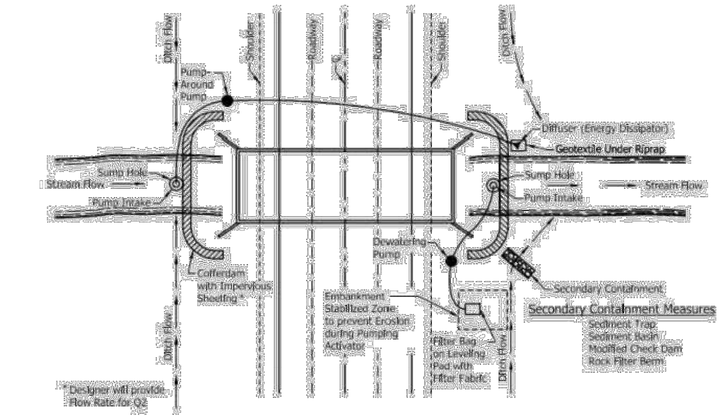
JOINT DETAIL 7

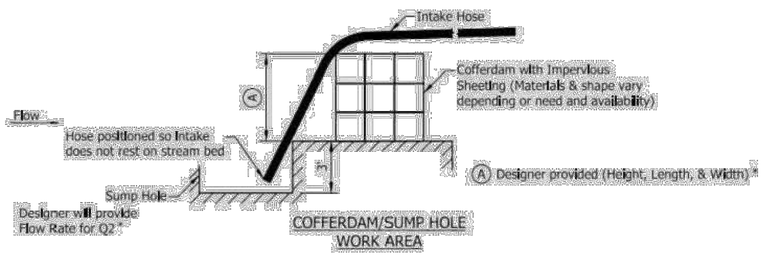
NOTES:

1. Fiber roll may be substituted for filter sock.
2. Filter sock shall be installed as shown or in accordance with manufacturer's recommendations.
3. Filter sock diameter shall be as required by design based on watershed area.
4. Filter sock shall be placed perpendicular to the flow of water.
5. Filter sock shall be secured as shown or in accordance with the manufacturer's instructions.
6. Filter sock does not require staking when fill slope is less than or equal to 12%, except when fill slope is below the Q_{10} water surface elevation and flood prone area.
7. Filter socks shall be secured in locations below the Q_{10} water surface elevation and flood prone location. Filter sock end shall be secured using the stake through method. Intermediate points may be secured using either the stake through or slanted stake method.
8. Stake angle and length shall be sufficient to wedge filter sock to the ground to prevent movement and undercutting.

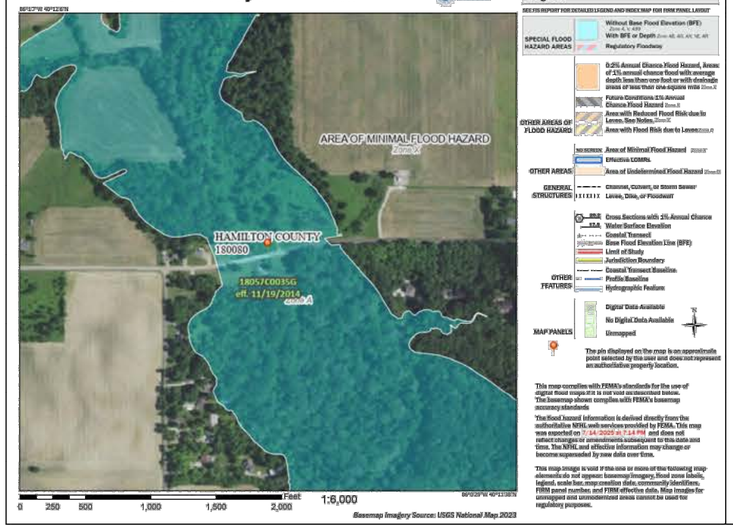
INDIANA DEPARTMENT OF TRANSPORTATION		
PERIMETER PROTECTION, FILTER SOCK		
SEPTEMBER 2019		
STANDARD DRAWING NO. E 205-TECD-10		
No. 10200124 STATE OF — REGISTERED PROFESSIONAL ENGINEER	DESIGN STANDARDS ENGINEER	5/2/2019 DATE
	CHIEF ENGINEER	5/31/2019 DATE

PUMP AROUND AND DEWATERING DETAILS

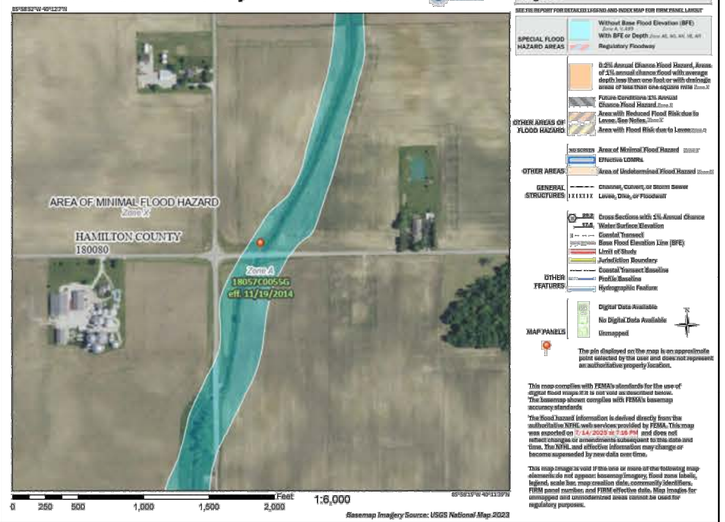




National Flood Hazard Layer FIRMette



National Flood Hazard Layer FIRMette



RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: MRR 8/26/2025 DRAWN: MRR 8/26/2025
CHECKED: MIT 5/19/2026 CHECKED: MIT 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS EROSION CONTROL DETAILS

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
	85 of 194
	CONTRACT
	R-43619

TEMPORARY EROSION CONTROL TABLE

FROM STATION	TO STATION	LOCATION			PERIMETER PROTECTION FILTER SOCK	SEDIMENT TRAP	SEDIMENT BASIN	NO. 2 STONE	SEDIMENT REMOVE	STRAW BALES DITCH CHECK DAM	TEMPORARY RIPRAP CHECK DAM	TEMPORARY INLET PROTECTION	PUMP AROUND	GEOTEXTILE FOR PAVEMENT, TYPE 1B	EROSION CONTROL BLANKET	TEMPORARY SEEDING	REMARKS
		LEFT	MEDIAN	RIGHT	LFT	TON	EACH	TON	CYS	LFT	TON	EACH	EACH	SYS	SYS	LBS	
LINE "PR-A"																	
102+25				X								1					
102+31				X								1					
102+97		X							2		6						
102+98				X					2		6						
103+67		X							2		6						
106+78		X		X					4		12						
106+97		X							2		6						
106+98				X					2		6						
108+27		X							2		6						
108+28				X					2		6						
108+80		X										1					
109+15	110+75			X	160												
110+10			X														
110+50		X							2		6						
111+60		X										1					
111+69		X										1					
112+37				X					2		6						
112+47		X							2		6						
113+27		X							2		6						
114+33				X					2		6						
114+88		X							2		6						
117+48				X					2		6						
119+02		X							2		6						
120+75	120+99			X	70												
121+01	121+06	X			10												
121+19	121+40			X	66												
121+29	122+08	X			90												
122+34				X								1					
SUBTOTALS					396				34		102	6					

TEMPORARY EROSION CONTROL TABLE

FROM STATION	TO STATION	LOCATION			PERIMETER PROTECTION FILTER SOCK	SEDIMENT TRAP	SEDIMENT BASIN	NO. 2 STONE	SEDIMENT REMOVE	STRAW BALES DITCH CHECK DAM	TEMPORARY RIPRAP CHECK DAM	TEMPORARY INLET PROTECTION	PUMP AROUND	GEOTEXTILE FOR PAVEMENT, TYPE 1B	EROSION CONTROL BLANKET	TEMPORARY SEEDING	REMARKS
		LEFT	MEDIAN	RIGHT	LFT	TON	EACH	TON	CYS	LFT	TON	EACH	EACH	SYS	SYS	LBS	
LINE "PR-A"																	
122+41	123+53	X			108												
122+46				X								1					
123+52				X					2		6						
123+89				X					2		6						
124+46	125+02	X			62												
124+52	125+15			X	73												
127+01	127+50	X			58												
127+10	127+49			X	51												
128+18	131+37	X			330												
128+39	131+42			X	337												
128+40			X														
131+38		X							2		6						
131+42				X					2		6						
131+70				X					2		6						
131+93		X							2		6						
131+97				X					2		6						
132+23		X							2		6						
132+53		X							2		6						
132+76				X								1					
132+83				X					2		6						
132+93				X								1					
133+16				X					2		6						
133+21		X							2		6						
133+69				X					2		6						
134+01		X										1					
134+09		X										1					
134+21				X					2		6						
134+52				X					2		6						
SUBTOTALS					1019				30		90	5					

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MRR 8/26/2025 DRAWN: MRR 8/26/2025

CHECKED: MJT 5/19/2026 CHECKED: MJT 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL TABLE

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
	86 of 194
	CONTRACT
	R-43619

TEMPORARY EROSION CONTROL TABLE

FROM STATION	TO STATION	LOCATION			PERIMETER PROTECTION FILTER SOCK	SEDIMENT TRAP	SEDIMENT BASIN	NO. 2 STONE	SEDIMENT REMOVE	STRAW BALES DITCH CHECK DAM	TEMPORARY RIPRAP CHECK DAM	TEMPORARY INLET PROTECTION	PUMP AROUND	GEOTEXTILE FOR PAVEMENT, TYPE 1B	EROSION CONTROL BLANKET	TEMPORARY SEEDING	REMARKS
		LEFT	MEDIAN	RIGHT	LFT	TON	EACH	TON	CYS	LFT	TON	EACH	EACH	SYS	SYS	LBS	
LINE "PR-A"																	
134+75				X					2		6						
135+02		X							2		6						
135+64				X					2		6						
136+57		X							2		6						
139+27				X					2		6						
139+42		X							2		6						
140+88				X								1					
141+85		X										1					
141+91		X										1					
142+73		X							2		6						
143+27				X					2		6						
143+78		X										1					
144+52		X							2		6						
144+54				X					2		6						
145+21				X					2		6						
145+22		X							2		6						
146+62		X							2		6						
146+78				X					2		6						
148+43		X							2		6						
148+48				X					2		6						
149+09	149+31	X			72												
149+11	149+31			X	77												
149+52	149+74	X			71												
149+52	149+74			X	70												
150+08		X										1					
150+17				X								1					
150+57		X							2		6						
150+72				X					2		6						
SUBTOTALS					290				36		108	6					

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MRR 8/26/2025 DRAWN: MRR 8/26/2025

CHECKED: MIT 5/19/2026 CHECKED: MIT 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL TABLE

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
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	CONTRACT
	R-43619

TEMPORARY EROSION CONTROL TABLE

FROM STATION	TO STATION	LOCATION			PERIMETER PROTECTION FILTER SOCK	SEDIMENT TRAP	SEDIMENT BASIN	NO. 2 STONE	SEDIMENT REMOVE	STRAW BALES DITCH CHECK DAM	TEMPORARY RIPRAP CHECK DAM	TEMPORARY INLET PROTECTION	PUMP AROUND	GEOTEXTILE FOR PAVEMENT, TYPE 1B	EROSION CONTROL BLANKET	TEMPORARY SEEDING	REMARKS
		LEFT	MEDIAN	RIGHT	LFT	TON	EACH	TON	CYS	LFT	TON	EACH	EACH	SYS	SYS	LBS	
LINE "PR-A"																	
194+34		X							2		6						
195+12		X										1					
195+14		X										1					
196+02		X							2		6						
196+49		X										2					
196+52				X					2		6						
202+42			X									1					
202+52		X							2		6						
204+92				X					2		6						
206+97				X					2		6						
208+02		X							2		6						
209+77				X					2		6						
210+92				X					2		6						
212+77				X					2		6						
214+58				X					2		6						
215+03		X							2		6						
217+52				X					2		6						
221+02		X							2		6						
221+52		X										1					
221+98				X								1					
222+35		X										1					
222+83				X					2		6						
223+29				X								1					
227+42		X		X		12			4.8								
SUBTOTALS						12			34.8		90	9					
TOTALS					1705	12			134.8		390	26				3294.5	

TEMPORARY EROSION CONTROL TABLE

FROM STATION	TO STATION	LOCATION			PERIMETER PROTECTION FILTER SOCK	SEDIMENT TRAP	SEDIMENT BASIN	NO. 2 STONE	SEDIMENT REMOVE	STRAW BALES DITCH CHECK DAM	TEMPORARY RIPRAP CHECK DAM	TEMPORARY INLET PROTECTION	PUMP AROUND	GEOTEXTILE FOR PAVEMENT, TYPE 1B	EROSION CONTROL BLANKET	TEMPORARY SEEDING	REMARKS
		LEFT	MEDIAN	RIGHT	LFT	TON	EACH	TON	CYS	LFT	TON	EACH	EACH	SYS	SYS	LBS	
LINE "PR-A"																	
SUBTOTALS																	
TOTALS																	

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

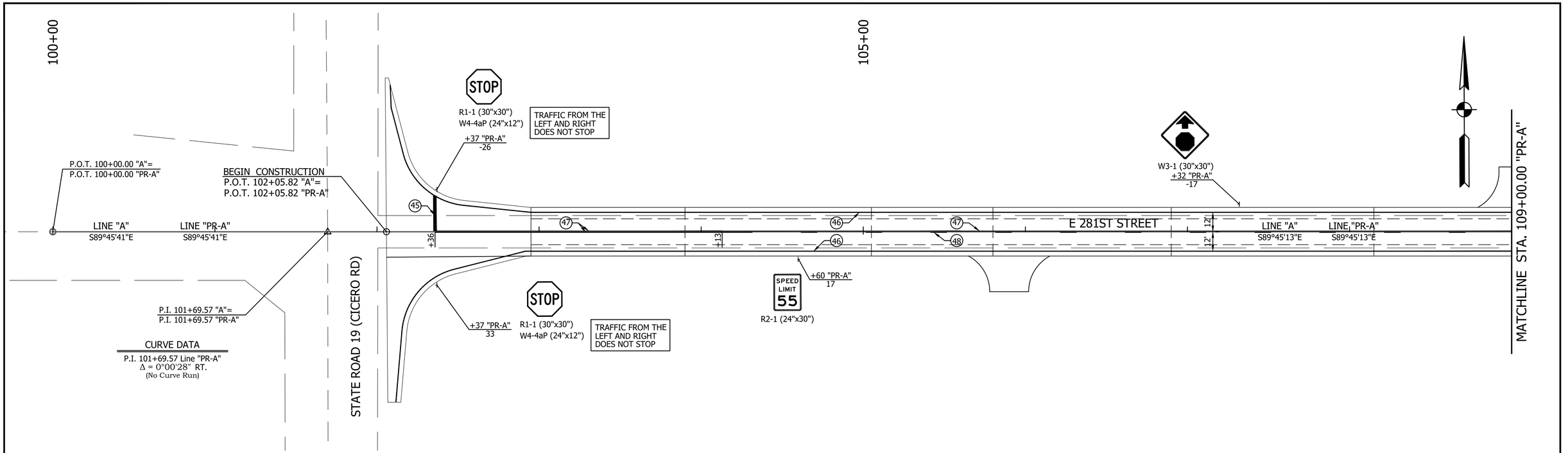
DESIGNED: MRR 8/26/2025 DRAWN: MRR 8/26/2025

CHECKED: MIT 5/19/2026 CHECKED: MIT 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL TABLE

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
	2003031
	SHEET
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LEGEND

(45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
(46) Line, Thermoplastic, Solid, White, 6 in.
(47) Line, Thermoplastic, Solid, Yellow, 4 in.
(48) Line, Thermoplastic, Broken, Yellow, 4 in.

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

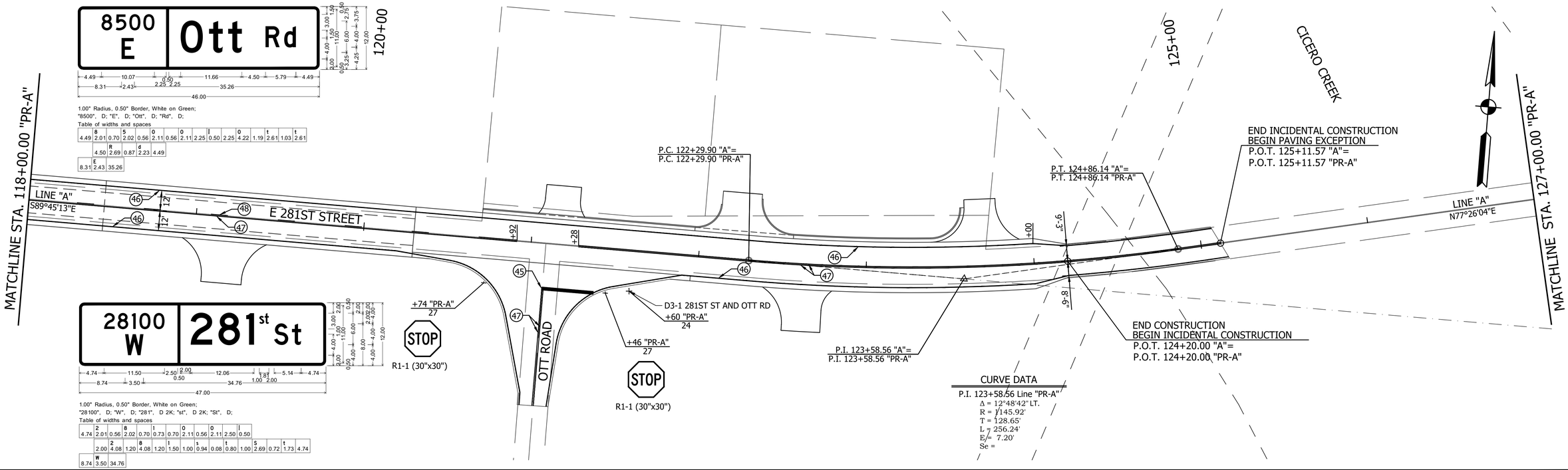
DESIGNED: MJR 12/8/2025
DRAWN: MJR 12/8/2025
CHECKED: NDH 5/19/2026
CHECKED: NDH 5/19/2026

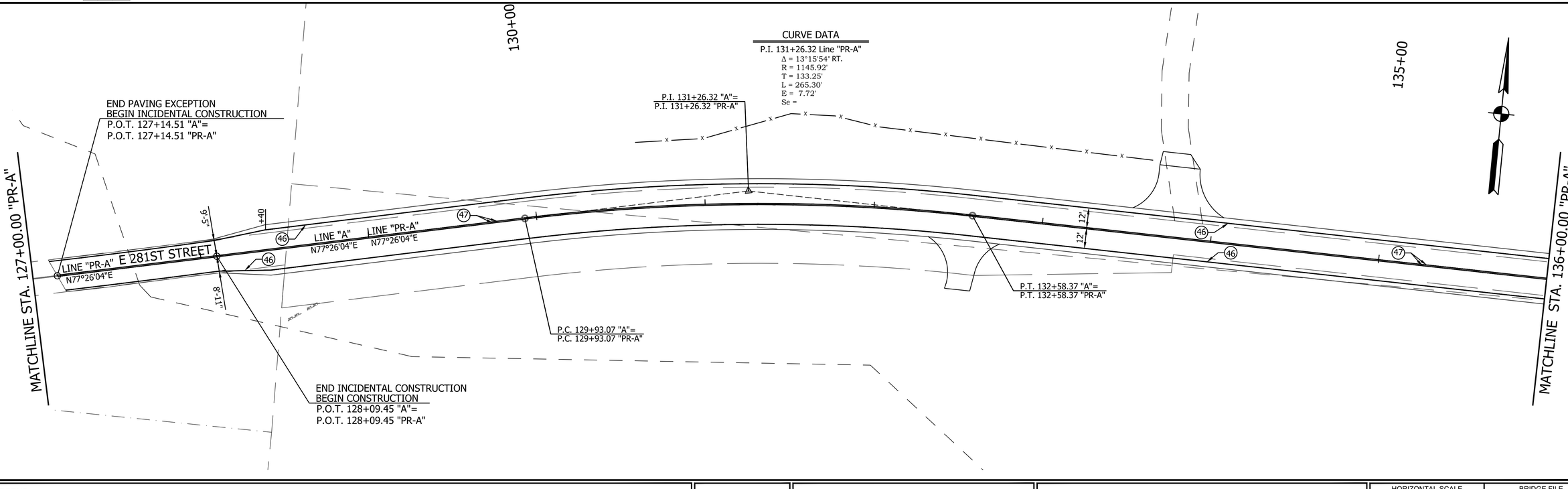
INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING
STA. 100+00.00 TO 118+00.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	89 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 12/8/25 - 8:23 AM EDITED BY: KUPSHAW DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-SHT-PVMT MRKG.DWG





LEGEND

(45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
(46) Line, Thermoplastic, Solid, White, 6 in.
(47) Line, Thermoplastic, Solid, Yellow, 4 in.
(48) Line, Thermoplastic, Broken, Yellow, 4 in.

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

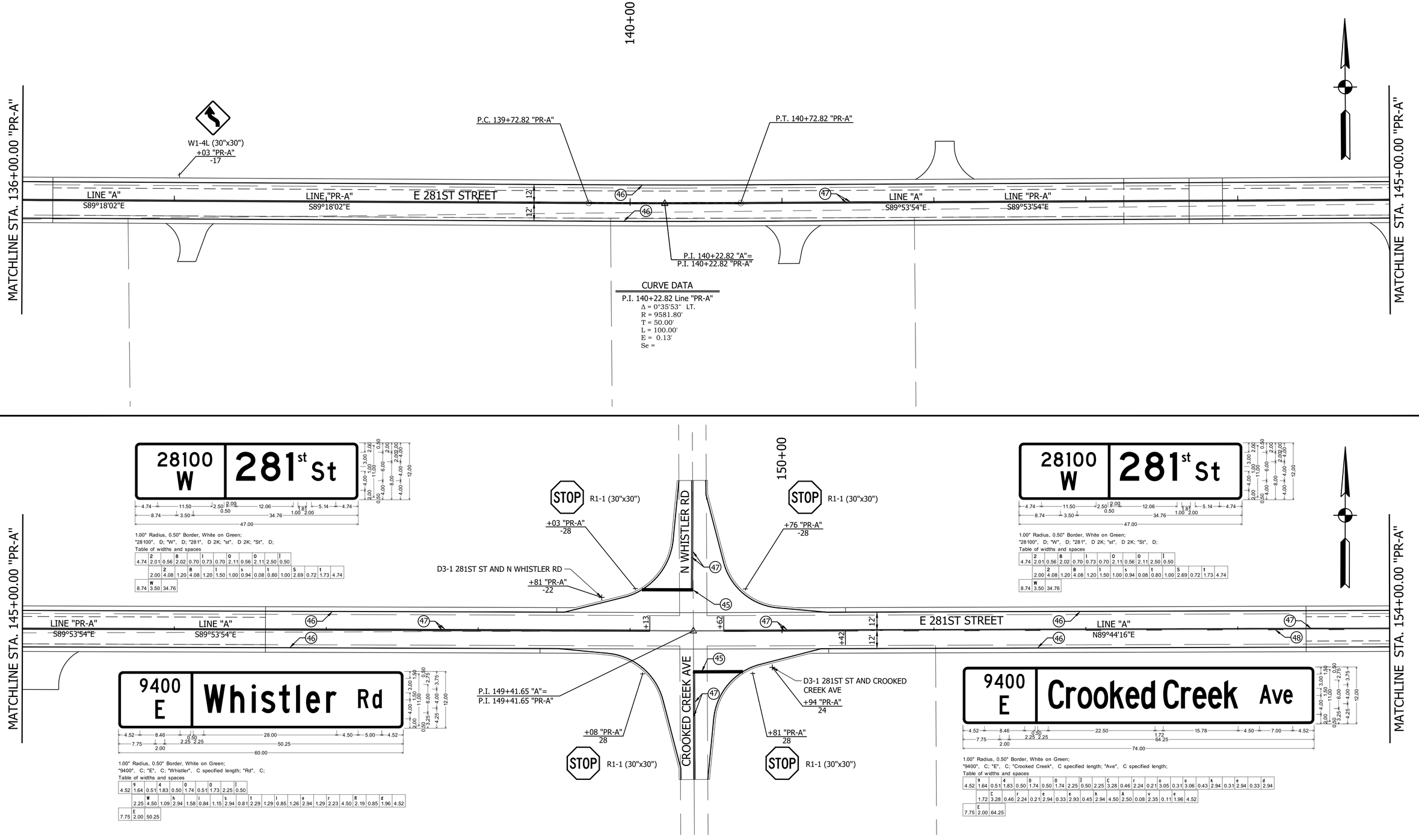
DESIGNED: MJR 12/8/2025
DRAWN: MJR 12/8/2025
CHECKED: NDH 5/19/2026
CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING
STA. 118+00.00 TO 136+00.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	90 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 12/8/25 - 8:23 AM EDITED BY: KJPSHAW DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\S ACAD\07 CONST DTL\RD-SHT-PVMT MRKG.DWG



LEGEND

(45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
(46) Line, Thermoplastic, Solid, White, 6 in.
(47) Line, Thermoplastic, Solid, Yellow, 4 in.
(48) Line, Thermoplastic, Broken, Yellow, 4 in.

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

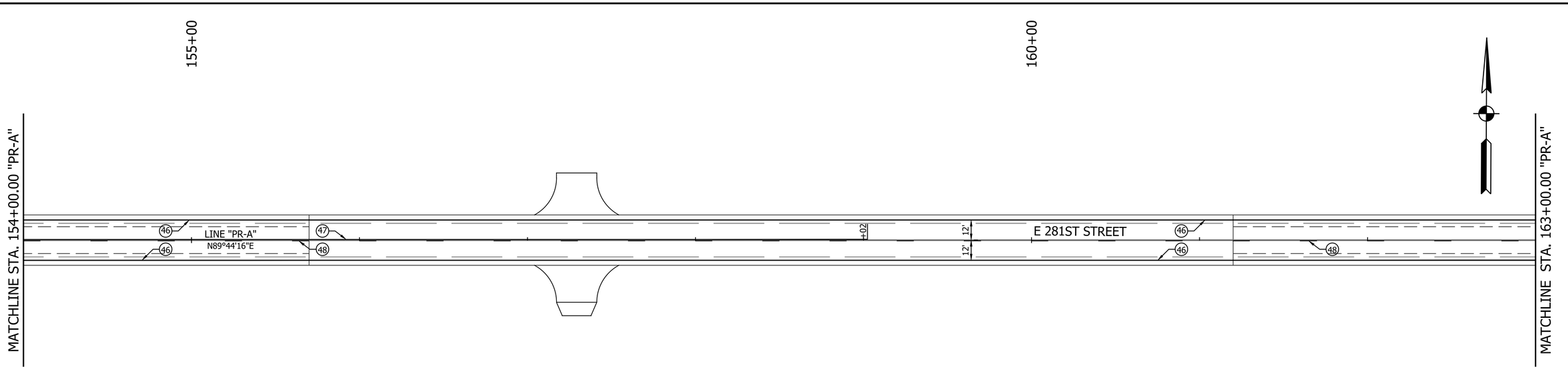
DESIGNED: MJR 12/8/2025
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CHECKED: NDH 5/19/2026
CHECKED: NDH 5/19/2026

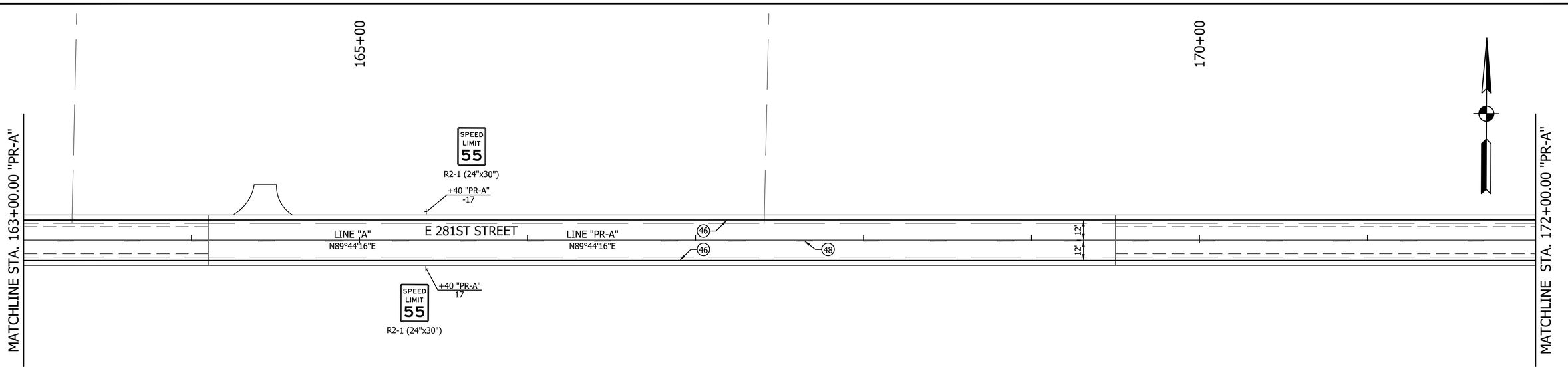
INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING
STA. 136+00.00 TO 154+00.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
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PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 12/8/25 - 8:23 AM EDITED BY: KUPSHAW DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-SHT-PVMT MRKG.DWG





LEGEND

(45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
(46) Line, Thermoplastic, Solid, White, 6 in.
(47) Line, Thermoplastic, Solid, Yellow, 4 in.
(48) Line, Thermoplastic, Broken, Yellow, 4 in.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: MJR 12/8/2025 | DRAWN: MJR 12/8/2025

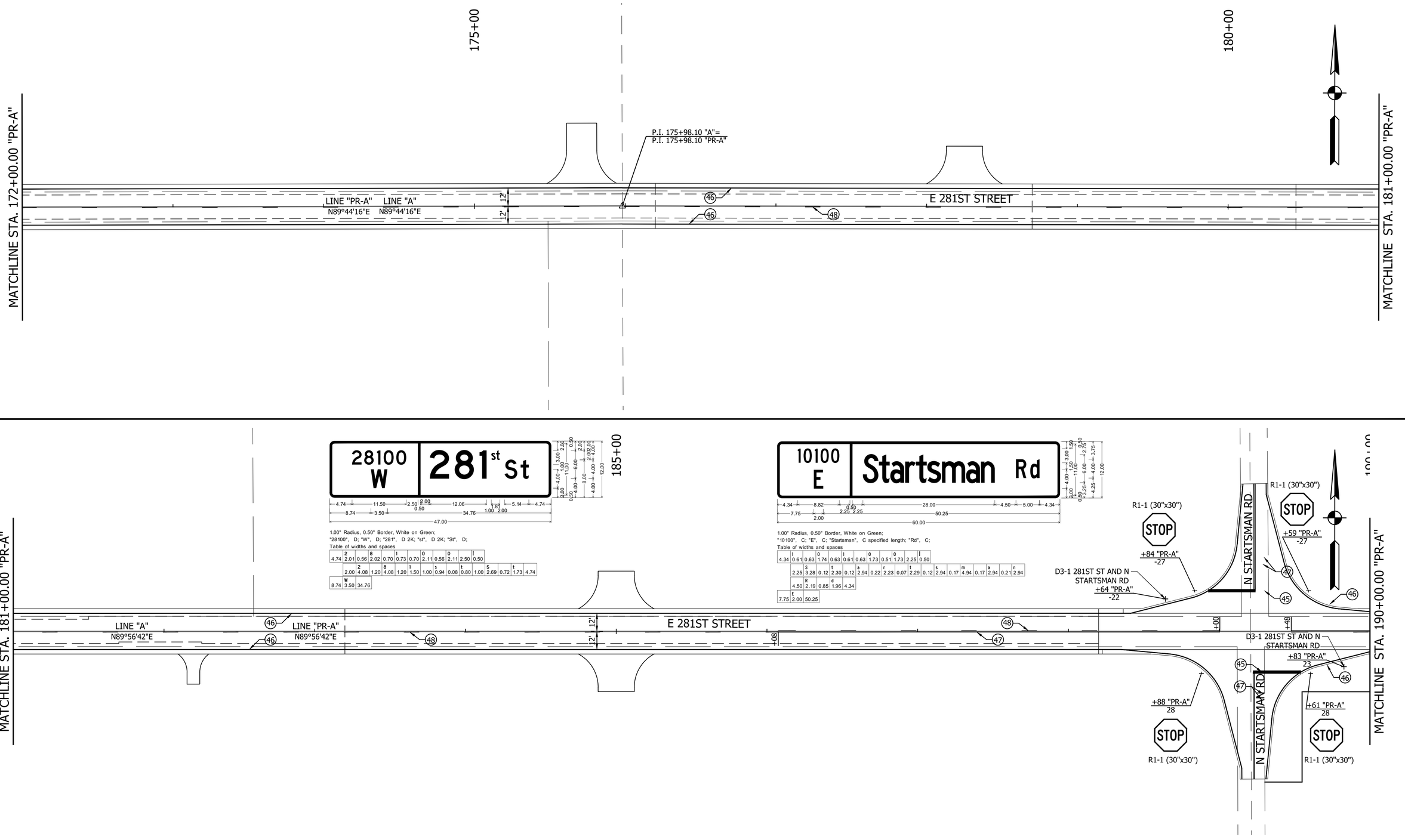
CHECKED: NDH 5/19/2026 | CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING
STA. 154+00.00 TO 172+00.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	92 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 12/8/25 - 8:23 AM EDITED BY: KUPSHAW DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-SHT-PVMT MRKG.DWG



LEGEND

(45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
(46) Line, Thermoplastic, Solid, White, 6 in.
(47) Line, Thermoplastic, Solid, Yellow, 4 in.
(48) Line, Thermoplastic, Broken, Yellow, 4 in.

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

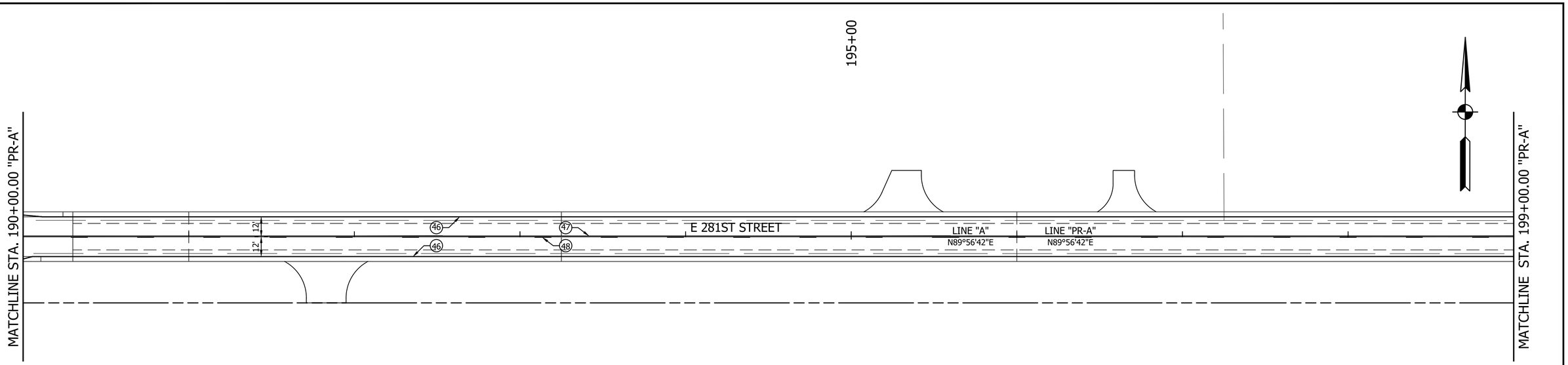
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CHECKED: NDH 5/19/2026
CHECKED: NDH 5/19/2026

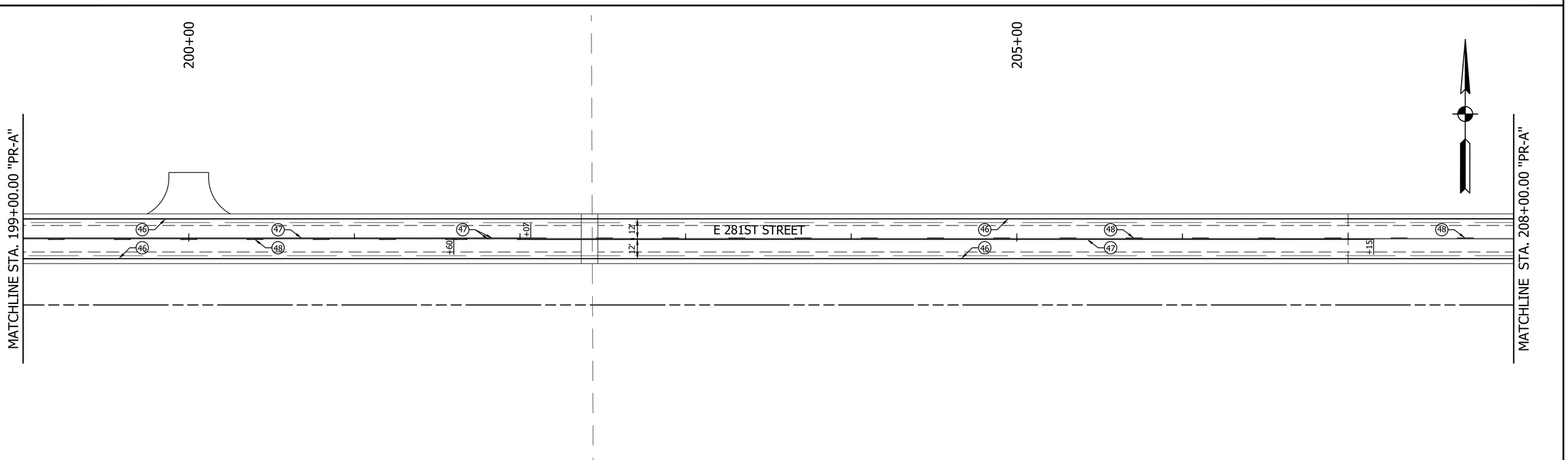
INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING
STA. 172+00.00 TO 190+00.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	93 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 12/8/25 - 8:23 AM EDITED BY: KUPSHAW DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-SHT-PVMT MRKG.DWG





LEGEND

(45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
(46) Line, Thermoplastic, Solid, White, 6 in.
(47) Line, Thermoplastic, Solid, Yellow, 4 in.
(48) Line, Thermoplastic, Broken, Yellow, 4 in.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

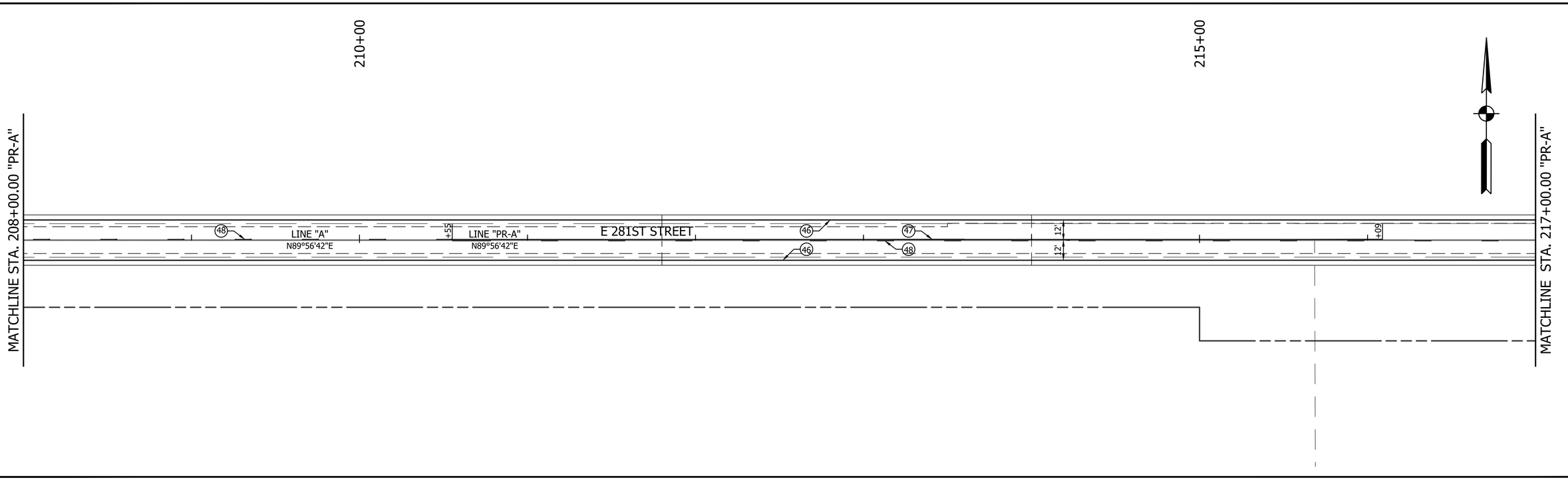
DESIGNED: MJR 12/8/2025 DRAWN: MJR 12/8/2025
CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

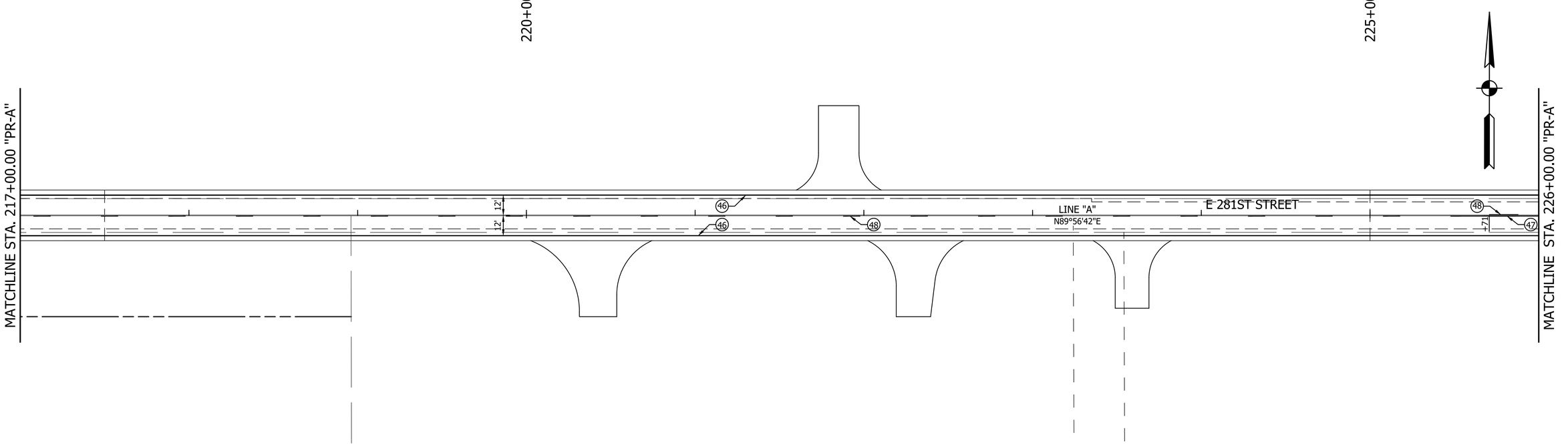
INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING
STA. 190+00.00 TO 208+00.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
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	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 12/8/25 - 8:23 AM EDITED BY: KJPSHAW DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\MD-SHT-PVMT MRKG.DWG





LEGEND

(45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
(46) Line, Thermoplastic, Solid, White, 6 in.
(47) Line, Thermoplastic, Solid, Yellow, 4 in.
(48) Line, Thermoplastic, Broken, Yellow, 4 in.

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

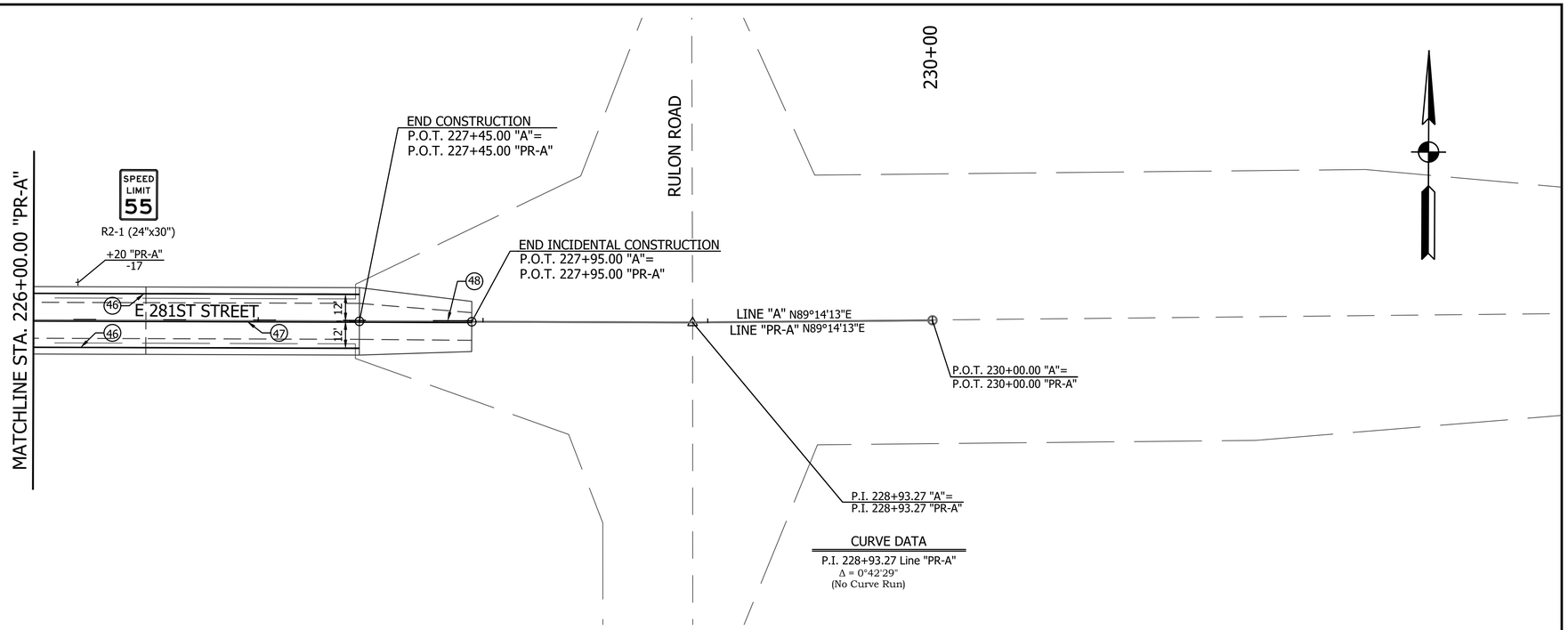
DESIGNED: MJR 12/8/2025
DRAWN: MJR 12/8/2025
CHECKED: NDH 5/19/2026
CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING
STA. 208+00.00 TO 226+00.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
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	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 12/8/25 - 8:23 AM EDITED BY: KUPSHAW DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\S ACAD\07 CONST DTL\RD-SHT-PVMT MRKG.DWG



LEGEND

(45) Transverse Marking, Thermoplastic, Stop Line, White, 24 in.
(46) Line, Thermoplastic, Solid, White, 6 in.
(47) Line, Thermoplastic, Solid, Yellow, 4 in.
(48) Line, Thermoplastic, Broken, Yellow, 4 in.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: MJR 12/8/2025 DRAWN: MJR 12/8/2025
CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING
STA. 226+00.00 TO 230+00.00 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
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	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 12/8/25 - 8:23 AM EDITED BY: KUPSHAW DRAWING FILE: P:\21-500-571-1 HAMILTON CO 281ST ST REHAB\5 ACAD\07 CONST DTL\RD-SHT-PVMT MRKG.DWG

PAVEMENT MARKINGS SUMMARY OF QUANTITIES

LOCATION		LINE PAINT		LINE THERMOPLASTIC				LINE THERMOPLASTIC				TRANSVERSE MARKINGS THERMOPLASTIC STOP LINE		TRANSVERSE MARKINGS CROSSHATCH LINE		TRANSVERSE MARKINGS CROSSWALK LINE		PAVEMENT MESSAGE THERMOPLASTIC LANE INDICATION ARROW	PAVEMENT MESSAGE THERMOPLASTIC WORD "ONLY"	SNOWPLOWABLE RAISED PAVEMENT MARKERS
FROM	TO	SOLID WHITE 6 in	SOLID YELLOW 6 in	SOLID WHITE 6 in	SOLID YELLOW 6 in	SOLID WHITE 8 in	SOLID YELLOW 8 in	BROKEN WHITE 6 in	BROKEN YELLOW 6 in	BROKEN WHITE 8 in	BROKEN YELLOW 8 in	SOLID WHITE 12 in	SOLID WHITE 24 in	SOLID YELLOW 12 in	SOLID YELLOW 24 in	SOLID WHITE 6 in	SOLID WHITE 8 in			
		ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft			
LINE "PR-A"																				
100+00.0	109+00.0			1493	841				122				22							
109+00.0	118+00.0			1800	948				213											
118+00.0	125+11.57			1519	1198				73				31							
PAVING EXCEPTION																				
127+14.51	136+00.0			1771	1771															
136+00.0	145+00.0			1800	1800															
145+00.0	154+00.0			1993	1630				90				66							
154+00.0	163+00.0			1800	502				225											
163+00.0	172+00.0			1800					225											
172+00.0	181+00.0			1800					225											
181+00.0	190+00.0			1996	629				200				63							
190+00.0	199+00.0			1801	900				225											
199+00.0	208+00.0			1800	862				213											
208+00.0	217+00.0			1800	554				225											
217+00.0	226+00.0			1800	29				225											
226+00.0	230+00.0			290	195				49											
TOTALS:		-	-	25263	11860	-	-	-	2310	-	-	-	182	-	-	-	-	-	-	-

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MJR 9/25/2025 DRAWN: MJR 9/25/2025

CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING TABLE

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
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	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 9/25/25 - 11:09 AM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\S ACAD\09 TABLES\SHT PAVEMENT MARKING TABLE.DWG

SHEET SIGN & POST SUMMARY

SIGN											SQUARE POST						3" O.D. Round Aluminum Tube, Non Fluted, 1/8" Wall, Black Powder Coated Finish		
PLAN SHEET NO.	SIGN LOCATION (STATION)	OFFSET	ALIGNMENT	SIGN CODE	SIGN SIZE (IN. X IN.)	GROUND MOUNTED SIGN AREA (SFT) THICKNESS		GROUND MOUNTED DOUBLE SIDED SIGN (SFT) THICKNESS		ALUMINUM SIGN AREA (SFT) THICKNESS	TYPE 1 (2¼ IN. X 2¼ IN. X 12 GA.) REINFORCED ANCHOR POST LENGTH (FT.)			TYPE 2 (2 IN. X 2 IN. X 12 GA.) REINFORCED ANCHOR POST LENGTH (FT.)					
						0.080 IN.	0.100 IN.	0.080 IN.	0.100 IN.	0.125 IN.	1	2	TOTAL	1	2	TOTAL	1	2	TOTAL
89	102+37	LT	A	R1-1	30 X 30	6.3					15.00		15.00						
				W4-4aP	24 X 12	2.0													
89	102+37	RT	A	R1-1	30 X 30	6.3					15.00		15.00						
				W4-4aP	24 X 12	2.0													
89	108+44	LT	A	W3-1	30 X 30	6.3					13.00		13.00						
89	117+85	RT	A	W1-4L	30 X 30	6.3					13.00		13.00						
90	120+74	RT	A	R1-1	30 X 30	6.3					13.00		13.00						
90	121+46	RT	A	R1-1	30 X 30	6.3					13.00		13.00						
90	121+60	RT	A	D3-1	42 X 8				2.3		17.50		17.50						
				D3-1	42 X 8				2.3										
91	137+03	LT	A	W1-4L	30 X 30	6.3					13.00		13.00						
91	148+81	LT	A	D3-1	48 X 8				2.7		18.50		18.50						
				D3-1	48 X 8				2.7										
91	149+03	LT	A	R1-1	30 X 30	6.3					13.00		13.00						
91	149+08	RT	A	R1-1	30 X 30	6.3					13.00		13.00						
91	149+76	LT	A	R1-1	30 X 30	6.3					13.00		13.00						
91	149+81	RT	A	R1-1	30 X 30	6.3					13.00		13.00						
91	149+94	RT	A	D3-1	48 X 8				2.7		18.50		18.50						
				D3-1	48 X 8				2.7										
93	188+64	LT	A	D3-1	48 X 8				2.7		18.50		18.50						
				D3-1	48 X 8				2.7										
93	188+84	LT	A	R1-1	30 X 30	6.3					13.00		13.00						
93	188+88	RT	A	R1-1	30 X 30	6.3					13.00		13.00						
93	189+59	LT	A	R1-1	30 X 30	6.3					13.00		13.00						
93	189+61	RT	A	R1-1	30 X 30	6.3					13.00		13.00						
93	189+83	RT	A	D3-1	48 X 8				2.7		18.50		18.50						
				D3-1	48 X 8				2.7										
				SHEET	**TOTAL**	**98.50**			**26.00**				**290.50**						

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MJR 9/25/2025 DRAWN: MJR 9/25/2025

CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

SIGN TABLE

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	98 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 9/25/25 - 11:09 AM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\09 TABLES\SHT PAVEMENT MARKING TABLE.DWG

FULL DEPTH PATCHING TABLE

ID Number	Point Type	Latitude	Longitude	Station, Line "A"	Direction	Location	Length (ft)	Width (ft)	Area (sq yd)	Notes
70	Isolated	40.197559	-86.021839	103+38	Eastbound | Westbound	Full Lane	6	20	13	---
66	Isolated	40.197617	-86.020968	105+78	Westbound	Full Lane	6	10	7	---
62	Isolated	40.197547	-86.018797	111+78	Eastbound | Westbound	Full Lane	6	20	13	---
59	Isolated	40.197541	-86.018158	113+55	Eastbound | Westbound	Full Lane	6	20	13	---
58	Isolated	40.197541	-86.017900	114+26	Eastbound | Westbound	Full Lane	6	20	13	---
34	Start Patch	40.197555	-86.017751	114+67	Eastbound	Outside Wheel Path	25	5	14	---
33	Stop Patch	40.197554	-86.017662	114+92						
57	Isolated	40.197607	-86.017084	116+51	Westbound	Full Lane	6	10	7	---
56	Isolated	40.197536	-86.016837	117+20	Eastbound | Westbound	Full Lane	10	20	22	---
46	Isolated	40.198023	-86.004413	151+68	Eastbound | Westbound	Full Lane	6	20	13	---
43	Isolated	40.197966	-86.003715	153+60	Eastbound | Westbound	Full Lane	6	20	13	---
40	Isolated	40.197970	-86.002430	157+15	Eastbound | Westbound	Full Lane	6	20	13	---
39	Isolated	40.197968	-86.001829	158+81	Eastbound | Westbound	Full Lane	10	20	22	---
29	Start Patch	40.198026	-86.001672	159+25	Westbound	Outside Wheel Path	25	5	14	---
28	Stop Patch	40.198030	-86.001583	159+49						
36	Isolated	40.197986	-85.998123	169+05	Eastbound | Westbound	Full Lane	6	20	13	---
35	Isolated	40.198052	-85.997873	169+74	Eastbound | Westbound	Full Lane	6	20	13	---
24	Start Patch	40.198045	-85.997864	169+77	Westbound	Outside Wheel Path	27	5	15	---
23	Stop Patch	40.198048	-85.997767	170+04						
34	Isolated	40.197988	-85.997772	170+02	Eastbound | Westbound	Full Lane	6	20	13	---
33	Isolated	40.197979	-85.997176	171+67	Eastbound | Westbound	Full Lane	6	20	13	---
32	Isolated	40.197977	-85.996262	174+19	Eastbound | Westbound	Full Lane	6	20	13	---
22	Start Patch	40.198000	-85.993701	181+27	Eastbound	Outside Wheel Path	200	5	111	---
21	Stop Patch	40.197994	-85.992984	183+25						
31	Isolated	40.197986	-85.993421	182+04	Eastbound | Westbound	Full Lane	20	20	44	---
30	Isolated	40.197987	-85.993024	183+14	Eastbound | Westbound	Full Lane	6	20	13	---
29	Isolated	40.197987	-85.992885	183+52	Eastbound | Westbound	Full Lane	6	20	13	---
28	Isolated	40.197987	-85.992510	184+56	Eastbound | Westbound	Full Lane	6	20	13	---
20	Start Patch	40.197993	-85.992444	184+74	Eastbound	Outside Wheel Path	126	6	84	---
19	Stop Patch	40.198001	-85.991990	185+99						
27	Isolated	40.197984	-85.991393	187+64	Eastbound | Westbound	Full Lane	6	20	13	---
26	Isolated	40.197984	-85.991270	187+99	Eastbound | Westbound	Full Lane	6	20	13	---
23	Isolated	40.198054	-85.990219	190+89	Westbound	Full Lane	6	10	7	---
22	Isolated	40.198062	-85.989260	193+54	Eastbound | Westbound	Full Lane	6	20	13	---
14	Start Patch	40.198058	-85.988499	195+64	Westbound	Outside Wheel Path	25	5	14	---
13	Stop Patch	40.198051	-85.988411	195+88						
21	Isolated	40.198057	-85.987577	198+19	Westbound	Full Lane	6	10	7	---
20	Isolated	40.197987	-85.987297	198+96	Eastbound | Westbound	Full Lane	6	20	13	---
12	Start Patch	40.198000	-85.987057	199+62	Eastbound | Westbound	Full Lane	49	20	108	---
11	Stop Patch	40.198002	-85.986882	200+11						
19	Isolated	40.197984	-85.986082	202+31	Eastbound | Westbound	Full Lane	6	20	13	---
18	Isolated	40.197990	-85.985721	203+31	Eastbound | Westbound	Full Lane	6	20	13	---
17	Isolated	40.197983	-85.985176	204+82	Eastbound | Westbound	Full Lane	6	20	13	---
16	Isolated	40.197981	-85.984766	205+95	Eastbound | Westbound	Full Lane	6	20	13	---
15	Isolated	40.197985	-85.984563	206+51	Eastbound | Westbound	Full Lane	6	20	13	---
14	Isolated	40.197988	-85.984322	207+18	Eastbound | Westbound	Full Lane	6	20	13	---
13	Isolated	40.197986	-85.984150	207+65	Eastbound | Westbound	Full Lane	6	20	13	---
12	Isolated	40.197994	-85.984029	207+99	Eastbound | Westbound	Full Lane	6	20	13	---
10	Start Patch	40.198050	-85.983829	208+54	Eastbound | Westbound	Outside Wheel Path | Transverse Joint	52	5	39	Outside Wheel Path in Westbound direction 1 Transverse Joint within the extent in both directions
9	Stop Patch	40.198044	-85.983642	209+06						
8	Start Patch	40.198052	-85.983386	209+76	Eastbound | Westbound	Outside Wheel Path | Transverse Joint	86	5	88	Outside Wheel Path in Westbound direction 4 Transverse Joint within the extent in both directions
7	Stop Patch	40.198050	-85.983078	210+62						
11	Isolated	40.197989	-85.982620	211+88	Eastbound	Full Lane	6	10	7	---
10	Isolated	40.197987	-85.982464	212+31	Eastbound | Westbound	Full Lane	6	20	13	---
9	Isolated	40.197988	-85.982261	212+87	Eastbound | Westbound	Full Lane	6	20	13	---
8	Isolated	40.197989	-85.981931	213+78	Eastbound | Westbound	Full Lane	6	20	13	---
6	Start Patch	40.198041	-85.981754	214+27	Eastbound | Westbound	Outside Wheel Path | Transverse Joint	181	5	130	Outside Wheel Path in Westbound direction 3 Transverse Joint within the extent in both directions
5	Stop Patch	40.198052	-85.981105	216+06						
7	Isolated	40.197993	-85.980205	218+55	Eastbound | Westbound	Full Lane	6	20	13	---
6	Isolated	40.197995	-85.978891	222+18	Eastbound | Westbound	Full Lane	6	20	13	---
5	Isolated	40.198064	-85.978468	223+35	Eastbound | Westbound	Full Lane	6	20	13	---
3	Isolated	40.197993	-85.978124	224+30	Eastbound | Westbound	Full Lane	6	20	13	---
2	Start Patch	40.198057	-85.977468	226+11	Eastbound | Westbound	Full Lane	29	20	64	---
1	Stop Patch	40.198056	-85.977365	226+40						
Total HMA Patching, Full-Depth Quantity (sq yd)									**1,256**	
Total Overlay Area(sq yd) [Per our correspondence with RQAW]									**18,352**	
Percentage of HMA Patching, Full-Depth									**6.8%**	

PARTIAL DEPTH PATCHING TABLE

Point Type	Latitude	Longitude	Station, Line "A"	Direction	Location	Length (ft)	Width (ft)	Area (sq yd)
Isolated	40.197553	-86.021640	103+93	Eastbound | Westbound	Full Lane	6	20	13
Isolated	40.197551	-86.021432	104+50	Eastbound | Westbound	Full Lane	6	20	13
Isolated	40.197556	-86.021340	104+76	Eastbound | Westbound	Full Lane	6	20	13
Isolated	40.197551	-86.020807	106+23	Eastbound | Westbound	Full Lane	6	20	13
Isolated	40.197550	-86.020749	106+39	Eastbound | Westbound	Full Lane	6	20	13
Isolated	40.197550	-86.020651	106+66	Eastbound | Westbound	Full Lane	6	20	13
Start Patch	40.197566	-86.019999	108+46	Eastbound	Outside Wheel Path	61	5	34
Stop Patch	40.197559	-86.019782	109+06					
Isolated	40.197541	-86.018373	112+95	Eastbound | Westbound	Full Lane	6	20	13
Isolated	40.197547	-86.018298	113+16	Eastbound | Westbound	Full Lane	6	20	13
Start Patch	40.197551	-86.017149	116+33	Eastbound	Outside Wheel Path	32	5	18
Stop Patch	40.197551	-86.017035	116+65					
Isolated	40.197539	-86.016632	117+76	Eastbound | Westbound	Full Lane	6	20	13
Isolated	40.197540	-86.016557	117+97	Eastbound | Westbound	Full Lane	6	20	13
Isolated	40.197537	-86.016308	118+66	Eastbound | Westbound	Full Lane	6	20	13
Isolated	40.197537	-86.016188	118+99	Eastbound | Westbound	Full Lane	6	20	13
Isolated	40.197537	-86.016084	119+28	Eastbound | Westbound	Full Lane	6	20	13
Isolated	40.197539	-86.015857	119+90	Eastbound | Westbound	Full Lane	6	20	13
Isolated	40.198028	-86.004315	151+95	Eastbound | Westbound	Full Lane	10	20	22
Isolated	40.197963	-86.004113	152+50	Eastbound | Westbound	Full Lane	6	20	13
Isolated	40.197964	-86.003322	154+69	Eastbound | Westbound	Full Lane	6	20	13
Isolated	40.197964	-86.003266	154+84	Eastbound | Westbound	Full Lane	6	20	13
Start Patch	40.198015	-85.979815	219+63	Eastbound	Outside Wheel Path	36	5	20
Stop Patch	40.198015	-85.979686	219+98					
Isolated	40.197995	-85.978365	223+63	Eastbound | Westbound	Full Lane	6	20	13
Isolated	40.197993	-85.977955	224+77	Eastbound | Westbound	Full Lane	6	20	13
Isolated	40.197995	-85.977690	225+50	Eastbound | Westbound	Full Lane	6	20	13
Total HMA Patching, Partial-Depth Quantity (sq yd)								**360**
Total Overlay Area(sq yd) [Per our correspondence with RQAW]								**18,352**
Percentage of HMA Patching, Partial-Depth								**2.0%**

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MJR 9/18/2025 DRAWN: MJR 9/18/2025

CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA DEPARTMENT OF TRANSPORTATION

PATCHING TABLES

HORIZONTAL SCALE	BRIDGE FILE
.	
VERTICAL SCALE	DESIGNATION
.	2003031
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PRINT DATE: 5/19/26
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MONUMENT TABLE

LOCATION					MONUMENT, TYPE				SECTION CORNER
STATION	LEFT	CENTER LINE	RIGHT	OFFSET	A	B	C	D	
LINE "A"									
P.I. 101+69.57		X							X
STA. 102+95.00		X				X			
P.I. 149+41.65		X							X
P.I. 175+98.10		X							X
P.I. 227+95.00		X				X			
P.I. 228+93.27		X							X
TOTAL					**0**	**2**	**0**	**0**	**4**

MAILBOX LOCATIONS

LOCATION					MAILBOX ASSEMBLY		REMARKS
FROM STATION	TO STATION	LEFT	RIGHT	OFFSET	DOUBLE	SINGLE	
				FT	EACH	EACH	
LINE "PR-A"							
111+63		X		18.0		1	
120+77		X		20.0		1	
121+22			X	63.0	1		OTT ROAD
132+38			X	23.0		1	
136+90			X	18.0		1	
140+80			X	18.0		1	
142+10			X	18.0		1	
163+97			X	18.0		1	
182+40			X	17.0		1	
196+36			X	18.0		1	
221+95			X	18.0		1	
TOTALS					**1**	**10**	

R/W MARKERS

STATION	OFFSET (FT)	LEFT	RIGHT	NUMBER REQ'D.	STATION	OFFSET (FT)	LEFT	RIGHT	NUMBER REQ'D.
LINE "PR-A"					**LINE "PR-A"**				
102+28.0	110.0		X	1	136+20.0	50.0	X		1
102+30.0	100.0	X		1	136+20.0	40.0	X		1
102+30.0	85.0	X		1	143+62.0	40.0		X	1
102+52.0	40.0		X	1	143+62.0	50.0		X	1
109+95.0	40.0	X		1	143+95.0	50.0		X	1
109+95.0	50.0	X		1	143+95.0	40.0		X	1
110+30.0	50.0	X		1	149+10.0	40.0		X	1
110+30.0	40.0	X		1	149+10.0	40.0	X		1
111+00.0	40.0	X		1	149+10.0	100.0	X		1
111+00.0	50.0	X		1	149+10.0	100.0		X	1
111+80.0	50.0	X		1	149+75.0	100.0		X	1
111+80.0	40.0	X		1	149+75.0	40.0		X	1
120+75.0	40.0		X	1	149+75.0	40.0	X		1
120+75.0	75.0		X	1	149+75.0	100.0	X		1
120+85.0	100.0		X	1	188+90.0	100.0		X	1
121+25.0	100.0		X	1	188+90.0	40.0		X	1
121+40.0	75.0		X	1	188+90.0	40.0	X		1
121+40.0	40.0		X	1	188+90.0	100.0	X		1
124+50.0	40.0		X	1	189+32.0	100.0	X		1
124+50.0	30.0		X	1	189+32.0	40.0	X		1
127+50.0	35.0		X	1	189+55.0	40.0		X	1
127+50.0	35.0	X		1	189+55.0	100.0		X	1
127+50.0	40.0		X	1	215+00.0	40.0		X	1
127+50.0	50.0	X		1	215+00.0	60.0		X	1
128+40.0	40.0		X	1	221+35.0	40.0	X		1
128+40.0	70.0		X	1	221+35.0	50.0	X		1
128+90.0	70.0		X	1	223+20.0	50.0	X		1
128+90.0	40.0		X	1	223+20.0	40.0	X		1
131+25.0	50.0	X		1	227+45.0	60.0		X	1
131+25.0	60.0	X		1	227+45.0	40.0		X	1
132+00.0	30.0	X		1	227+92.0	40.0	X		1
132+00.0	50.0	X		1	228+10.0	40.0		X	1
								TOTAL	**64**

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 7/12/11 - 11:09 AM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\S ACAD\09 TABLES\SHT TABLE- MISC TABLES.DWG

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MJR 9/25/2025 DRAWN: MJR 9/25/2025

CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS TABLES

HORIZONTAL SCALE	BRIDGE FILE
.	
VERTICAL SCALE	DESIGNATION
.	2003031
	SHEET
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	R-43619

PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	DISTANCE BEYOND R/W LINE	RADII		GRADE (LESS THAN 10% NOT SHOWN)		EXCAVATION		SUBGRADE TREATMENT TYPE II	SUBGRADE TREATMENT TYPE IB	SUBGRADE TREATMENT TYPE IC	DENSE GRADED SUBBASE	GEOGRID TYPE IB	QC/QA - HMA MATERIAL FOR ROADS					HMA FOR			HMA FOR APPROACHES				ASPHALT		PCCP FOR APPROACHES, 6 IN.		COMPACTED AGGREGATE NO. 53	COMPACTED AGGREGATE NO. 53	VOID REDUCING ASPHALT MEMBRANE FOR HMA	JOINT ADHESIVE	MILLING, APPROACH	MILLING, PROFILE	MILLING, ASPHALT, 1 1/2 IN.	REMARKS
																2, 58S, SURFACE, 9.5 mm	2, 58S, INTERMEDIATE, 19.0 mm	2, 58S, BASE, 19.0 mm			WIDENING, TYPE B	PATCHING, TYPE B	STRUCTURE INSTALLATION, TYPE B	TYPE B	TYPE B	TYPE B	TYPE B	FOR PRIME COAT	FOR TACK COAT									
																LBS. PER SYD.																					
																165	275	660			935	1320	1100	935	165	275	660										
		FT	FT	FT	FT	FT	%	%	CYS	CYS	SYS	SYS	SYS	CYS	SYS	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	SYS	LFT	CYS	TON	LFT	LFT	SYS	SYS	SYS	
LINE "PR-A"																																					
STA. 102+05.82 TO 105+60.00	MAINLINE								736	54			1246.9			127.0	126.8	216.3			192.7								1.4				47.6	1167.6	1052.6		471.1		
STA. 105+60.00 TO 111+60.00	MAINLINE								1185	173			1312.9			159.0	59.7				420.3		40.3						1.5				70.6	1800.2	1466.0		1027.6		
STA. 105+90.00, RT.	MOD. CLASS V DRIVE	24.0	22.0		25	25																										12.9						
STA. 109+04.20, LT.	MOD. CLASS V DRIVE	24.0	25.0		25	25																										14.2						
STA. 111+38.20, LT.	MOD. CLASS II DRIVE	12.1	28.9		15	15							50.7											20.6					0.05						44.0			EXISTING ASPHALT DRIVE
STA. 111+60 TO 117+60	MAINLINE								2535	14			1199.6			165.0	44.0				436.3								1.4				70.5	1799.8	1380.0		1066.7		
STA. 115+50.00, RT.	MOD. CLASS V DRIVE	24.0	30.0		25	25																										16.5						
STA. 117+60 TO 123+60	MAINLINE								965	34			1750.2			160.5	164.4	344.7			196.4								1.7				75.9	2116.0	1931.0		480.0		
STA. 119+18.00, RT.	MOD. CLASS V DRIVE	24.0	25.0		25	25																										14.2						
STA. 121+08.80, RT.	P.R.A. TYPE A	18.4	85.0		40	40							485.3											200.4					0.4						428.6			OTT ROAD
STA. 121+16.80, LT.	MOD. CLASS II DRIVE	20.8	20.0		15	15																										7.1						
STA. 122+23.10, LT.	MOD. CLASS II DRIVE	23.3	25.0		15	20					104.4			14.7																88.0		14.7						
STA. 122+63.00, RT.	MOD. CLASS II DRIVE	23.2	25.0		25	15					87.9			14.7																75.1		14.7						
STA 123+60 TO 129+60	MAINLINE								160	179			761.2			89.9	92.7	222.5											0.8				24.9	818.8	632.3			415.2	
STA. 123+68.80, LT.	MOD. CLASS II DRIVE	18.6	25.0		20	25					93.8			14.4																71.5		14.4						
STA. 125+11.50 TO 127+14.50	PAVING EXCEPTION																																					
STA. 129+60 TO 135+60	MAINLINE								1652	690			2266.7			165.0	275.0	660.0											2.0				70.5	1800.0	1800.0				
STA. 132+54.70, RT.	MOD. CLASS II DRIVE	15.0	29.5		25	25					85.1			14.2																69.6		14.2						
STA. 133+77.30, LT.	MOD. CLASS V DRIVE	24.0	35.0		25	25																										19.0						
STA. 135+60 TO 141+60	MAINLINE								1160	7			1187.6			165.0	175.9	66.0			337.1								1.7				70.5	1800.0	1800.0		1079.1		
STA. 137+22.30, RT.	MOD. CLASS II DRIVE	12.0	26.6		20	15							52.4											22.3					0.05						47.6			EXISTING ASPHALT DRIVE
STA. 141+04.40, RT.	MOD. CLASS II DRIVE	13.7	25.1		20	25							56.6											24.5					0.05						52.3			EXISTING ASPHALT DRIVE
STA. 141+60 TO 147+60	MAINLINE								1000	89			1384.0			159.0	91.2	110.0			298.0		40.3						1.5				70.5	1800.0	1487.0		956.0		
STA. 142+07.30, LT.	MOD. CLASS II DRIVE	12.5	25.0		15	25					59.4			9.9																46.4		9.9						
STA. 145+12.00, RT.	MOD. CLASS V DRIVE	24.0	25.0		25	25																										14.2						
STA. 147+60 TO 153+60	MAINLINE								1246	10			1780.0			154.5	250.7	601.7			10.9								1.9				81.4	2508.3	2493.3		26.7		
SUBTOTALS THIS SHEET									10640	1249	431		13534	68		1345	1280	2221			1892		81	268					14	351		166	582	15611	14042	572	5107	415	

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 4/2/26 - 12:02 AM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\09 TABLES\SHT TABLE-APPROACH.DWG

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MJR 4/2/2026
DRAWN: MJR 4/2/2026
CHECKED: NDH 5/19/2026
CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

APPROACH TABLE

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	101 of 194
	CONTRACT
	R-43619

PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	DISTANCE BEYOND R/W LINE	RADII		GRADE (LESS THAN 10% NOT SHOWN)		EXCAVATION		SUBGRADE TREATMENT TYPE II	SUBGRADE TREATMENT TYPE IB	SUBGRADE TREATMENT TYPE IC	DENSE GRADED SUBBASE	GEOGRID TYPE IB	QC/QA - HMA MATERIAL FOR ROADS					HMA FOR			HMA FOR APPROACHES				ASPHALT		PCCP FOR APPROACHES, 6 IN.		COMPACTED AGGREGATE NO. 53	COMPACTED AGGREGATE NO. 53	VOID REDUCING ASPHALT MEMBRANE FOR HMA	JOINT ADHESIVE	MILLING, APPROACH	MILLING, PROFILE	MILLING, ASPHALT, 1 1/2 IN.	REMARKS
																2, 58S, SURFACE, 9.5 mm	2, 58S, INTERMEDIATE, 19.0 mm	2, 58S, BASE, 19.0 mm			WIDENING, TYPE B	PATCHING, TYPE B	STRUCTURE INSTALLATION, TYPE B	TYPE B	TYPE B	TYPE B	TYPE B	FOR PRIME COAT	FOR TACK COAT									
																LBS. PER SYD.																					
																165	275	660			935	1320	1100	935	165	275	660										
		FT	FT	FT	FT	FT	%	%	CYS	CYS	SYS	SYS	SYS	CYS	SYS	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	SYS	LFT	CYS	TON	LFT	LFT	SYS	SYS	SYS	
LINE "PR-A"																																					
STA. 149+40.70, LT.	P.R.A. TYPE A	20.0	87.0		42	39							520.6											214.3					0.5							461.8			N WHISTLER ROAD
STA. 149+42.00, RT.	P.R.A. TYPE A	20.0	86.0		40	40							523.2											215.9					0.5							458.3			CROOKED CREEK ROAD
STA. 153+60 TO 159+60	MAINLINE								355	363			1893.3			165.0	178.8	429.0			152.7									1.8			70.5	1800.0	1590.0		373.3		
STA. 157+29.30, RT.	MOD. CLASS V DRIVE	24.0	30.0		25	25																										15.9							
STA. 157+29.30, LT.	MOD. CLASS V DRIVE	24.0	25.0		25	25																										14.2							
STA 159+60 TO 165+60	MAINLINE								538	167			1751.1			165.0	213.0	341.0			210.9									1.9			70.5	1800.0	1800.0		515.6		
STA. 164+44.10, LT.	MOD. CLASS II DRIVE	13.1	18.0		20	20					46.5			7.8																36.7		7.8							
STA. 165+60 TO 171+60	MAINLINE								156	518			1893.3			165.0	178.8	429.0			152.7									1.8			70.5	1800.0	1590.0		373.3		
STA. 171+60 TO 177+60	MAINLINE								464	28			1200.0			165.0	34.2				436.3									1.4			70.5	1800.0	1340.0		1066.7		
STA. 175+71.20, LT.	MOD. CLASS V DRIVE	20.0	40.0		25	25																										17.9							
STA. 177+60 TO 183+60	MAINLINE								618	12			1159.5			164.2	97.1				417.4									1.5			70.5	1800.0	1585.0		1097.5		
STA. 178+25.00, LT.	MOD. CLASS V DRIVE	24.0	25.0		25	25																										14.2							
STA. 182+19.50, RT.	MOD. CLASS II DRIVE	8.5	20.0		15	15					33.6			5.6																23.6		5.6							
STA. 183+60 TO 189+60	MAINLINE								949	29			1201.5			157.8	52.2	125.3			286.7									1.3			81.4	2235.9	1775.9		920.0		
STA. 185+00.00, RT.	MOD. CLASS V DRIVE	24.0	25.0		25	25																										14.2							
STA. 185+00.00, LT.	MOD. CLASS V DRIVE	24.0	25.0		25	25																										14.2							
STA. 189+23.00, RT.	P.R.A. TYPE A	18.3	86.0		40	40							503.4											206.5					0.5							441.7			N STARTSMAN ROAD
STA. 189+23.50, LT.	P.R.A. TYPE A	17.6	86.0		39	40							498.2											204.1					0.5							436.6			N STARTSMAN ROAD
STA. 189+60 TO STA. 195+60	MAINLINE								758	32			1260.7			161.9	101.4	64.4			385.4									1.6			70.7	2063.6	1838.6		942.2		
STA. 191+83.00, RT.	MOD. CLASS V DRIVE	24.0	25.0		25	25																										14.2							
STA. 195+33.40, LT.	MOD. CLASS II DRIVE	17.9	25.0		25	25					81.9			13.7																68.2		13.6							
STA. 195+60 TO 201+60	MAINLINE								988	13			1200.0			165.0	9.8				436.3									1.4			70.5	1800.0	1240.0		1066.7		
STA. 196+64.60, LT.	MOD. CLASS II DRIVE	13.0	25.0		15	25					60.8			10.2																47.8		10.1							
STA. 200+00.00, LT.	MOD. CLASS V DRIVE	24.0	25.0		25	25																										14.2							
STA. 201+60 TO 207+60	MAINLINE								1735	49			1251.1			162.3	14.7				429.1		18.3							1.4			70.5	1800.0	1270.0		1048.9		
STA. 207+60 TO 213+60	MAINLINE								4202	16			1197.8			165.0	102.7				435.3									1.6			70.5	1800.0	1620.0		1068.9		
SUBTOTALS THIS SHEET									10763	1227	223		16054	37		1636	983	1389			3343		18	841						17	176		156	716	18700	15650	1798	8473	-	

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MJR 4/2/2026

DRAWN: MJR 4/2/2026

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INDIANA DEPARTMENT OF TRANSPORTATION

APPROACH TABLE

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	102 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 4/2/26 - 12:02 AM EDITED BY: CKANPHAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\09 TABLES\SHT TABLE-APPROACH.DWG

PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	DISTANCE BEYOND R/W LINE	RADII		GRADE (LESS THAN 10% NOT SHOWN)		EXCAVATION		SUBGRADE TREATMENT TYPE II	SUBGRADE TREATMENT TYPE IB	SUBGRADE TREATMENT TYPE IC	DENSE GRADED SUBBASE	GEOGRID TYPE IB	QC/QA - HMA MATERIAL FOR ROADS					HMA FOR			HMA FOR APPROACHES				ASPHALT		PCCP FOR APPROACHES, 6 IN.		COMPACTED AGGREGATE NO. 53	COMPACTED AGGREGATE NO. 53	VOID REDUCING ASPHALT MEMBRANE FOR HMA	JOINT ADHESIVE	MILLING, APPROACH	MILLING, PROFILE	MILLING, ASPHALT, 1 1/2 IN.	REMARKS
																2, 58S, SURFACE, 9.5 mm	2, 58S, INTERMEDIATE, 19.0 mm	2, 58S, BASE, 19.0 mm			WIDENING, TYPE B	PATCHING, TYPE B	STRUCTURE INSTALLATION, TYPE B	TYPE B	TYPE B	TYPE B	TYPE B	FOR PRIME COAT	FOR TACK COAT									
																LBS. PER SYD.																				
					R1	R2	1	2	CUT	FILL						165	275	660			935	1320	1100	935	165	275	660										
		FT	FT	FT	FT	FT	%	%	CYS	CYS	SYS	SYS	SYS	CYS	SYS	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON	SYS	LFT	CYS	TON	LFT	LFT	SYS	SYS	SYS	
LINE "PR-A"																																					
STA. 213+60 TO 219+60	MAINLINE								2789	38			1066.7			165.0					374.0								1.2				70.5	1800.0	1200.0		1200.0		
STA. 219+60 TO 225+60	MAINLINE								4655	4			1116.7			165.0					397.4								1.3				70.5	1800.0	1200.0		1150.0		
STA. 220+42.50, RT.	MOD. CLASS II DRIVE	22.2	45.0		25	15					151.5			25.3																128.9		25.3						
STA. 221+85.10, LT.	MOD. CLASS V DRIVE	20.0	50.0		25	25																										21.6						
STA. 222+30.60, RT.	MOD. CLASS II DRIVE	20.3	45.0		25	25					152.2			25.4																129.6		25.4						
STA. 223+59.00, RT.	MOD. CLASS V DRIVE	20.0	40.0		25	25																										17.9						
STA. 225+60.00 TO 227+95.00	MAINLINE								1528	11			459.1			62.9					165.7								0.5				27.7	605.0	370.0		328.9	78.6	
WEDGE AREA	MAINLINE															1.8	11.2	68.1																				
SUBTOTALS THIS SHEET									**8972**	**52**	**304**		**2642**	**51**		**395**	**11**	**68**			**937**		**-**	**-**					**3**	**259**		**90**	**169**	**4205**	**2770**	**-**	**2679**	**79**	
SUBTOTALS FROM SHEET 1									**10640**	**1249**	**431**		**13534**	**68**		**1345**	**1280**	**2221**			**1892**		**81**	**268**					**14**	**351**		**166**	**582**	**15611**	**14042**	**572**	**5107**	**415**	
SUBTOTALS FROM SHEET 2									**10763**	**1227**	**223**		**16054**	**37**		**1636**	**983**	**1389**			**3343**		**18**	**841**					**17**	**176**		**156**	**716**	**18700**	**15650**	**1798**	**8473**	**-**	
TOTALS									**30374**	**2529**	**957**	**0**	**32230**	**156**	**0**	**3376**	**2274**	**3678**	**0**	**0**	**6172**	**0**	**99**	**1109**	**0**	**0**	**0**	**0**	**35**	**785**	**0**	**412**	**1467**	**38515**	**32462**	**2371**	**16259**	**494**	

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MJR 4/2/2026 DRAWN: MJR 4/2/2026

CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

APPROACH TABLE

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	103 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 4/2/26 - 12:02 AM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\S ACAD\09 TABLES\SHT TABLE-APPROACH.DWG

PAVED SIDE DITCH, RIPRAP DITCH AND SODDING SUMMARY TABLE

LOCATION						PAVED SIDE DITCH								RIPRAP DITCH					SODDING					NURSERY SODDING FOR LAWNS	REMARKS
									TOTAL EQUIVALENT PAY LENGTHS																
									TYPE																
FROM STATION	TO STATION	LEFT	CROSS	RIGHT	OFFSET	CONCRETE GUTTER	CUT OFF WALLS 8 FT EQUIVALENT LENGTH EACH	CUT OFF WALLS (8 FT EQUIVALENT LENGTH EACH						REVETMENT RIPRAP	CLASS 1 RIPRAP	CLASS 2 RIPRAP	UNIFORM RIPRAP	GEOTEXTILES TYPE 1A	MEDIAN	SHOULDER BREAK	DITCHES	BRIDGE CONE	TOTAL		REMARKS
					FT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	TON	TON	TON	SYS	SYS	SYS	SYS	SYS	SYS	SYS	
Line "PR-A"																									
102+23	102+95	X																			80.5				
102+23	102+28			X													4.1	7.0			74.7				
102+28	102+95			X																	74.7				
102+95	104+65	X																			188.8				
104+65	110+10	X																			516.7				
104+65	109+30			X																	605.6				
109+30	110+10	X																			88.9				
110+10	111+70	X																			177.4				
111+70	113+20	X																			167.0				
122+00	123+50			X																	166.7				
123+50	124+25			X													62.5	108.3							
131+00	132+00	X															83.3	144.4							
131+00	133+00			X													166.7	288.9							
132+00	133+00	X															83.3	144.2							
133+00	135+00	X															166.7	288.9							
133+00	135+00			X													166.7	288.9							
135+00	137+00	X																			222.2				
135+00	137+00			X																	222.2				
138+58	140+00	X																			157.7				
138+58	140+00			X																	157.7				
142+00	143+50	X																			166.7				
142+00	143+50			X																	166.7				
144+25	145+50			X													104.2	180.6							
144+50	145+50	X																			111.1				
149+97	151+10	X															93.9	162.8							
150+14	151+10			X													80.0	138.7							
SUBTOTALS THIS SHEET																	1,012	1,753			3,345				

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

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INDIANA
DEPARTMENT OF TRANSPORTATION

PERMANENT EROSION CONTROL TABLE

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	104 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 9/24/25 - 4:05 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\S ACAD\09 TABLES\SHT TABLE-RIPRAP & SODDING.DWG

PAVED SIDE DITCH, RIPRAP DITCH AND SODDING SUMMARY TABLE

LOCATION						PAVED SIDE DITCH								RIPRAP DITCH					SODDING					NURSERY SODDING FOR LAWNS	REMARKS
									TOTAL EQUIVALENT PAY LENGTHS																
									TYPE																
FROM STATION	TO STATION	LEFT	CROSS	RIGHT	OFFSET	CONCRETE GUTTER	CUT OFF WALLS 8 FT EQUIVALENT LENGTH EACH	CUT OFF WALLS (8 FT EQUIVALENT LENGTH EACH						REVETMENT RIPRAP	CLASS 1 RIPRAP	CLASS 2 RIPRAP	UNIFORM RIPRAP	GEOTEXTILES TYPE 1A	MEDIAN	SHOULDER BREAK	DITCHES	BRIDGE CONE	TOTAL		
					FT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	LFT	TON	TON	TON	SYS	SYS	SYS	SYS	SYS	SYS	SYS	
151+10	155+00	X																			433.3				
151+10	155+00			X																	433.3				
162+50	163+70	X																			133.3				
162+50	163+70			X																	133.3				
164+30	165+65	X																			150.0				
164+30	165+65			X																	150.0				
206+00	208+50			X																	277.8				
208+50	211+00			X																	277.8				
211+00	216+00			X																	555.6				
SUBTOTALS THIS SHEET														-			-	-			2,544				
TOTAL														-			1,012	1,753			5,816				

RECOMMENDED FOR APPROVAL

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INDIANA
DEPARTMENT OF TRANSPORTATION

PERMANENT EROSION CONTROL TABLE

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	105 of 194
	CONTRACT
	R-43619

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PLOT SCALE: 1:1 EDIT DATE: 9/24/25 - 4:05 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\S ACAD\09 TABLES\SHT TABLE-RIPRAP & SODDING.DWG

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	VIDEO INSPECTION LENGTH	SKEW	COVER		FLOW LINE		TOP OF CASTING	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 1	STRUCTURE BACKFILL TYPE 2	UNDERCUT				GEOTEXTILES for RIPRAP TYPE 1A	UNIFORM RIPRAP	COMPACTED AGGREGATE #2	SCOUR PROTECTION			PIPE, REMOVE	PIPE END SECTION	GRATED BOX END SECTION			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								EXCAVATION	COMPACTED AGGREGATE #2	COMPACTED AGGREGATE #53	GEOTEXTILES for RIPRAP TYPE 2B				SUMP DEPTH	GEOTEXTILE	RIPRAP												
					FT	IN.			LFT	LFT		FT	FT	ELEV.	ELEV.	ELEV.	YRS				CYS	CYS	CYS	IN. CYS	IN. CYS	SYS	SYS	TON	CYS	IN.	SYS.	TYPE	TONS	LFT	EA.	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.			
	LINE "PR-A"																																										
100	102+28.2			X		18	1	Pipe Culvert	114		0°40' 3"	0.3	0.7	852.02	850.86		50	Non-AB	7	1		16.4					8.1	3.0		0				77.7	2									
200	105+90.0		X		25.5	15	3	Pipe Culvert	54			0.7	1.65	853.05	852.13		50	Non-AB	7	2		4.3					6.2	2.1		3					2									Drive Pipe
201	109+04.2	X			27.6	18	3	Pipe Culvert	44			1.5	1.0	847.48	846.71		50	Non-AB	7	2		5.3					8.1	3.0		0					2									Drive Pipe
101	110+10.1			X		48	1	Concrete Box	55		2°47' 21"	0.3	0.7	842.95	842.45		50	Non-AB	7	1		47.0								21	43.0	Class 1	28.4	28.4										
202	111+50.2	X			30.7	15	3	Pipe Culvert	40			1.3	1.4	846.77	846.39		50	Non-AB	7	2		2.8					6.2	2.1		0				25.09	2								Drive Pipe
203	115+50.0		X		30.6	15	3	Pipe Culvert	54			2.3	2.63	850.57	850.26		50	Non-AB	7	2		5.0					6.2	2.1		0					2									Drive Pipe
204	119+18.0		X		26.0	15	3	Pipe Culvert	54			1.2	1.32	850.99	850.85		50	Non-AB	7	2		3.5					6.2	2.1		6					2									Drive Pipe
206	122+63.0		X		24.6	24	3	Pipe Culvert	56			1.1	1.4	849.86	848.43		50	Non-AB	7	2		7.2					12.5	5.3		15				29.6	2								Drive Pipe
102	128+40.6			X		84	1	Pipe Culvert	76		22°28' 17"	2.7	3.0	828.58	828.04		50	Non-AB	7	1		214.2							1.5	6	107.0	Revetment	65.3	70.6										COMPACT. AGG. #2 FOR SMALLER WILDLIFE CROSSING
208	132+56.4		X		24.1	30	3	Pipe Culvert	65			2	2.2	844.05	839.35		50	Non-AB	7	2		10.1					17.9	8.3		6				48.9	2								Drive Pipe
209	133+77.3	X			27.9	15	3	Pipe Culvert	38			1.6	1.8	848.83	847.35		50	Non-AB	7	2		3.8					6.2	2.1		0				39.3	2								Drive Pipe
211	141+04.4		X		26.4	15	3	Pipe Culvert	32			0.6	0.7	851.71	851.62		50	Non-AB	7	2		3.1					6.2	2.1		6					2									Drive Pipe
212	142+07.3	X			27.5	18	3	Pipe Culvert	32			1	1.1	851.91	851.59		50	Non-AB	7	2		3.6					8.1	3.0		0				39.05	2								Drive Pipe
103	143+78.8			X		96 x 48	1	Concrete Box	55		1°3' 19"	0	0.4	845.50	845.30		50	Non-AB	7	1		49.2								30	63.0	Class 1	44.4	29.67										
212A	145+12.0		X		25.0	15	3	Pipe Culvert	44			0.8	2.07	852.02	850.70		50	Non-AB	7	2		12.4					6.2	2.1		6					2									Drive Pipe
213	149+30.7	X			29.7	30 x 19	3	Pipe Culvert	134			0.5	1.2	855.37	854.30		50	Non-AB	7	1		42.6					17.9	8.3		9					2									Drive Pipe
214	149+42.1		X		27.8	15	3	Pipe Culvert	145			0.6	1.3	856.44	855.02		50	Non-AB	7	1		19.0					6.2	2.1		6					2									Drive Pipe
215	157+29.3		X		26.0	18	3	Pipe Culvert	32			0	0.2	851.28	851.18		50	Non-AB	7	2		4.3					8.1	3.0		6					2									Drive Pipe
216	157+60.1	X			26.2	30 x 19	3	Pipe Culvert	40			0.9	1.07	851.24	851.12		50	Non-AB	7	2		11.6					17.9	8.3		6					2									Drive Pipe
104	158+52.7			X		18	1	Pipe Culvert	47		0°38' 56"	1.4	1.7	850.94	850.90		50	Non-AB	7	1		16.1					8.1	3.0		6				25.6	2									
217	164+44.1	X			22.4	15	3	Pipe Culvert	30			0.3	0.5	853.15	852.86		50	Non-AB	7	2		3.2					6.2	2.1		9					2									Drive Pipe
105	166+87.5			X		18	1	Pipe Culvert	46			1.2	1.5	851.86	851.81		50	Non-AB	7	1		14.2					8.1	3.0		6				26.7	2									
218	175+71.2	X			21.1	38 x 24	3	Pipe Culvert	52			0	0.4	850.43	850.41		50	Non-AB	7	2		12.4					23.9	11.9		20									2	6:1	2				Drive Pipe
218A	178+25.0	X			21.7	12	3	Pipe Culvert	60			0.7	1.07	852.66	852.25		50	Non-AB	7	1		6.2					5.4	1.8		6					2									Drive Pipe
219	182+19.5		X		23.9	36 x 24	3	Concrete Box	19			0.3	0.4	854.25	854.10		50	Non-AB	7	2		6.8					20.4	9.9		15				30.29									Drive Pipe
219A	185+00.0	X			22.3	12	3	Pipe Culvert	46			0.5	0.58	856.78	856.69		50	Non-AB	7	1		5.2					5.4	1.8		6					2									Drive Pipe
219B	185+00.0		X		22.3	12	3	Pipe Culvert	46			0.8	0.92	856.78	856.69		50	Non-AB	7	1		6.3					5.4	1.8		6					2									Drive Pipe

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MJR 4/2/2026 DRAWN: MJR 4/2/2026

CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	106 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 4/2/26 - 12:02 AM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\09 TABLES\SHT TABLE-STRUCTURE DATA.DWG

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION		LENGTH	VIDEO INSPECTION LENGTH	SKEW	COVER		FLOW LINE		TOP OF CASTING	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 1	STRUCTURE BACKFILL TYPE 2	UNDERCUT				GEOTEXTILES for RIPRAP TYPE 1A	UNIFORM RIPRAP	COMPACTED AGGREGATE #2	SCOUR PROTECTION			PIPE, REMOVE	PIPE END SECTION	GRATED BOX END SECTION			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								EXCAVATION	COMPACTED AGGREGATE #2 IN.	COMPACTED AGGREGATE #53 IN.	GEOTEXTILES for RIPRAP TYPE 2B				SUMP DEPTH	GEOTEXTILE	RIPRAP											
					FT	IN.			LFT	LFT		FT	FT	ELEV.	ELEV.	ELEV.	YRS				CYS	CYS	CYS	CYS	CYS	SYS	SYS	TON	CYS	IN.	SYS.	TYPE	TONS	LFT	EA.	TYPE	SLOPE	EA.	TYPE	SLOPE	EA.			
	LINE "PR-A"																																									
220	191+83.0		X		22.9	12	3	Pipe Culvert	46			0.8	0.9	856.56	856.43		50	Non-AB	7	1		6.2					5.4	1.8		6.0						2								Drive Pipe
221	195+33.4	X			26.9	18	3	Pipe Culvert	40			0.6	0.8	855.49	855.39		50	Non-AB	7	2		4.4					8.1	3.0		3.0				23.631	2								Drive Pipe
222	196+64.6	X			26.2	18	3	Pipe Culvert	30			0.6	0.8	855.09	855.00		50	Non-AB	7	2		3.7					8.1	3.0		3.0				23.864	2								Drive Pipe
223	200+00.0	X			27.4	15	3	Pipe Culvert	48			1.6	1.76	854.12	853.97		50	Non-AB	7	1		13.9					5.4	1.8		3.0					2								Drive Pipe
106	202+41.9			X		15	1	Pipe Culvert	46		2°34' 27"	1.3	1.7	853.85	853.60		50	Non-AB	7	1		13.3					6.2	2.1		0.0				30	2								
223A	220+12.0		X		34.8	18	3	Pipe Culvert	62			3.6	3.6	848.78	848.58		50	Non-AB	7	2		4.9					8.1	3.0		0.0					2								Drive Pipe
224	221+56.1	X			39.2	42	3	Pipe Culvert	140			2.9	3.1	847.83	847.41		50	Non-AB	7	2		35.5					34.1	18.1		0.0					2								Drive Pipe
225	222+30.7		X		38.2	18	3	Pipe Culvert	65			4.4	4.6	848.20	848.01		50	Non-AB	7	2		5.5					8.1	3.0		0.0					2								Drive Pipe
227	223+59.0		X		37.2	18	3	Pipe Culvert	58			3.3	3.5	847.81	847.63		50	Non-AB	7	2		4.8					8.1	3.0		0.0					2								Drive Pipe

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MJR 4/2/2026 DRAWN: MJR 4/2/2026

CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA TABLE

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	
VERTICAL SCALE	DESIGNATION
N/A	2003031
	SHEET
	107 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 4/2/26 - 12:02 AM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\09 TABLES\SHT TABLE-STRUCTURE DATA.DWG

			STRUCTURE NUMBER																				
			100	201	202	206	102	208	209	211	212	213	214	215	216	104	217	105	218	222	223	223A	224	225
PIPE TYPE / SHAPE			1 / CIR	3 / CIR	3 / CIR	3 / CIR	1 / CIR	3 / CIR	3 / CIR	3 / CIR	3 / CIR	3 / DEF	3 / CIR	3 / CIR	3 / DEF	3 / CIR	3 / CIR	3 / CIR	3 / DEF	3 / CIR	3 / CIR	1 / CIR	3 / CIR	3 / CIR
SMOOTH PIPE SIZE			18	18	15	24	84	30	15	15	18	3.3	15	15	3.3	18	15	18	5.1	18	18	15	42	18
CORRUGATED PIPE SIZE																								
SEMI-SMOOTH PIPE SIZE																								
RCP/RCHEP (S)	CLASS		II	II	II	II	II	II	II	II	II	HE-A	II	II	HE-I	II	II	II	HE-A	II	II	II	II	II
	D 0.01 RATING		1000	1000	1000	1000	1000	1000	1000	1000	1000	600	1000	1000	800	1000	1000	1000	600	1000	1000	1000	1000	1000
NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)				OK	OK	OK		OK	OK		OK		OK			OK		OK				OK		OK
CORRUGATED PE PIPE, TYPE S (S)*				OK	OK	OK		OK	OK		OK		OK			OK		OK				OK	OK	OK
PROFILE WALL (RIBBED) PE PIPE (S)*				OK		OK		OK			OK					OK		OK						OK
PROFILE WALL (CLOSED) PE PIPE (S)*				OK		OK					OK					OK		OK					OK	OK
SMOOTH WALL PE PIPE (S)* / MAXIMUM DR				OK / 26	OK / 26	OK / 26		OK / 26	OK / 26		OK / 26		OK / 26			OK / 26		OK / 26				OK / 26		OK / 26
CORRUGATED PP PIPE (S)				OK	OK	OK		OK	OK		OK		OK			OK		OK				OK	OK	OK
PROFILE WALL PVC PIPE (S)				OK	OK	OK		OK	OK		OK		OK			OK		OK				OK	OK	OK
SMOOTH WALL PVC PIPE (S)*				OK	OK	OK			OK		OK		OK			OK		OK				OK		OK
VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)				OK	OK	OK		OK	OK		OK		OK			OK		OK				OK		OK
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)	CORR. PROFILE																						
		THICKNESS																						
	ZINC COATED (C)	CORR. PROFILE																						
		THICKNESS																						
	ZINC COATED W/ BPI (C)	CORR. PROFILE																						
		THICKNESS																						
	ALUM. COATED TYPE 2 (C)	CORR. PROFILE																						
		THICKNESS																						
	ALUM. COATED TYPE 2 W/ BPI (C)	CORR. PROFILE																						
		THICKNESS																						
	POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE																						
		THICKNESS																						
	POLYMER PRECOATED GALVANIZED W/ BPI (C)	CORR. PROFILE																						
		THICKNESS																						
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)	CORR. PROFILE																						
		THICKNESS																						
	FIBER BONDED BITUMINOUS COATED (C)	CORR. PROFILE																						
		THICKNESS																						
	FIBER BONDED BITUMINOUS COATED W/ BPI (C)	CORR. PROFILE																						
		THICKNESS																						
	CORRUGATED ALUM. ALLOY PIPE (C)	CORR. PROFILE																						
		THICKNESS																						
	CORRUGATED ALUM. ALLOY PIPE W/ BPI (C)	CORR. PROFILE																						
		THICKNESS																						
	STR. PLATE ALUMINUM ALLOY PLATE (C)	CORR. PROFILE																						
		THICKNESS																						
	STR. PLATE ALUMINUM ALLOY PLATE W/ CFP (C)	CORR. PROFILE																						
		THICKNESS																						
	STR. PLATE STEEL PIPE (C)	CORR. PROFILE																						
		THICKNESS **																						
	STR. PLATE STEEL PIPE W/ CFP (C)	CORR. PROFILE																						
		THICKNESS **																						

			STRUCTURE NUMBER																						
			227	223B																					
PIPE TYPE / SHAPE			3 / CIR	3 / CIR																					
SMOOTH PIPE SIZE			18	18																					
CORRUGATED PIPE SIZE																									
SEMI-SMOOTH PIPE SIZE																									
RCP/RCHEP (S)	CLASS		II	II																					
	D 0.01 RATING		1000	1000																					
NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)			OK	OK																					
CORRUGATED PE PIPE, TYPE S (S)*			OK	OK																					
PROFILE WALL (RIBBED) PE PIPE (S)*			OK	OK																					
PROFILE WALL (CLOSED) PE PIPE (S)*			OK	OK																					
SMOOTH WALL PE PIPE (S)* / MAXIMUM DR			OK / 26	OK / 26																					
CORRUGATED PP PIPE (S)			OK	OK																					
PROFILE WALL PVC PIPE (S)			OK	OK																					
SMOOTH WALL PVC PIPE (S)*			OK	OK																					
VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)			OK	OK																					
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)	CORR. PROFILE																							
		THICKNESS																							
	ZINC COATED (C)	CORR. PROFILE																							
		THICKNESS																							
	ZINC COATED W/ BPI (C)	CORR. PROFILE																							
		THICKNESS																							
	ALUM. COATED TYPE 2 (C)	CORR. PROFILE																							
		THICKNESS																							
	ALUM. COATED TYPE 2 W/ BPI (C)	CORR. PROFILE																							
		THICKNESS																							
	POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE																							
		THICKNESS																							
	POLYMER PRECOATED GALVANIZED W/ BPI (C)	CORR. PROFILE																							
		THICKNESS																							
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)	CORR. PROFILE																							
		THICKNESS																							
	FIBER BONDED BITUMINOUS COATED (C)	CORR. PROFILE																							
		THICKNESS																							
	FIBER BONDED BITUMINOUS COATED W/ BPI (C)	CORR. PROFILE																							
		THICKNESS																							
	CORRUGATED ALUM. ALLOY PIPE (C)	CORR. PROFILE																							
		THICKNESS																							
	CORRUGATED ALUM. ALLOY PIPE W/ BPI (C)	CORR. PROFILE																							
		THICKNESS																							
	STR. PLATE ALUMINUM ALLOY PLATE (C)	CORR. PROFILE																							
		THICKNESS																							
	STR. PLATE ALUMINUM ALLOY PLATE W/ CFP (C)	CORR. PROFILE																							
		THICKNESS																							
	STR. PLATE STEEL PIPE (C)	CORR. PROFILE																							
		THICKNESS **																							
	STR. PLATE STEEL PIPE W/ CFP (C)	CORR. PROFILE																							
		THICKNESS **																							

LEGEND

RCP-	REINFORCED CONCRETE PIPE
RCHEP-	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL PIPE
PE-	POLYETHYLENE
DR-	DIMENSION RATIO
PVC-	POLYVINYL CHLORIDE
BIT-	BITUMINOUS
CORR-	CORRUGATION
BPI-	BITUMINOUS PAVED INVERT
ALUM-	ALUMINUM
STR-	STRUCTURAL
CFP-	CONCRETE FIELD PAVING
CIR-	CIRCULAR PIPE
DEF-	DEFORMED PIPE
(S)-	SMOOTH PIPE MATERIAL
(C)-	CORRUGATED PIPE MATERIAL
OK-	ACCEPTABLE FOR USE
(LS)-	LOCK SEAM PIPE REQUIRED

*- REFER TO STANDARD DRAWING 715-PHCL-18 OR 19 FOR NOMINAL DIAMETER APPROPRIATE FOR PAY ITEM DIAMETER

**- TABULATED THICKNESS REFERS TO TOP & SIDE PLATES. BOTTOM PLATES SHALL BE OF NEXT GREATER AVAILABLE THICKNESS.

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: MJR 9/18/2025 DRAWN: MJR 9/18/2025

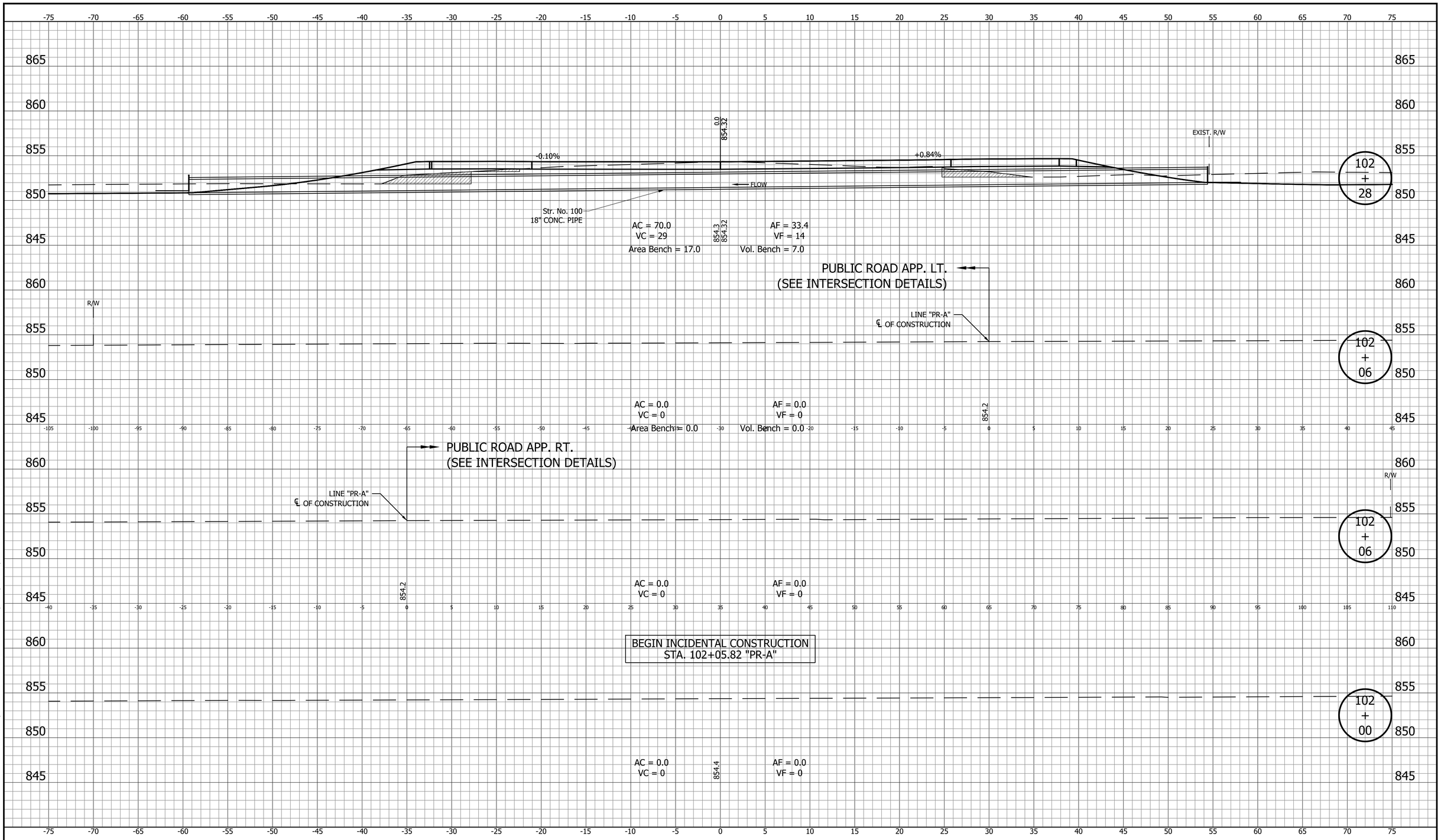
CHECKED: NDH 5/19/2026 CHECKED: NDH 5/19/2026

INDIANA DEPARTMENT OF TRANSPORTATION

PIPE MATERIAL TABLE

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	2003031
SURVEY BOOK	SHEET
	108 of 194
CONTRACT	PROJECT
R-43619	2003031

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 9/18/25 - 3:57 PM EDITED BY: CKANPHIAN DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\09 TABLES\SHT TABLE-PIPE MATERIAL.DWG



RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: YZ 4/16/2026 DRAWN: MRM 4/16/2026

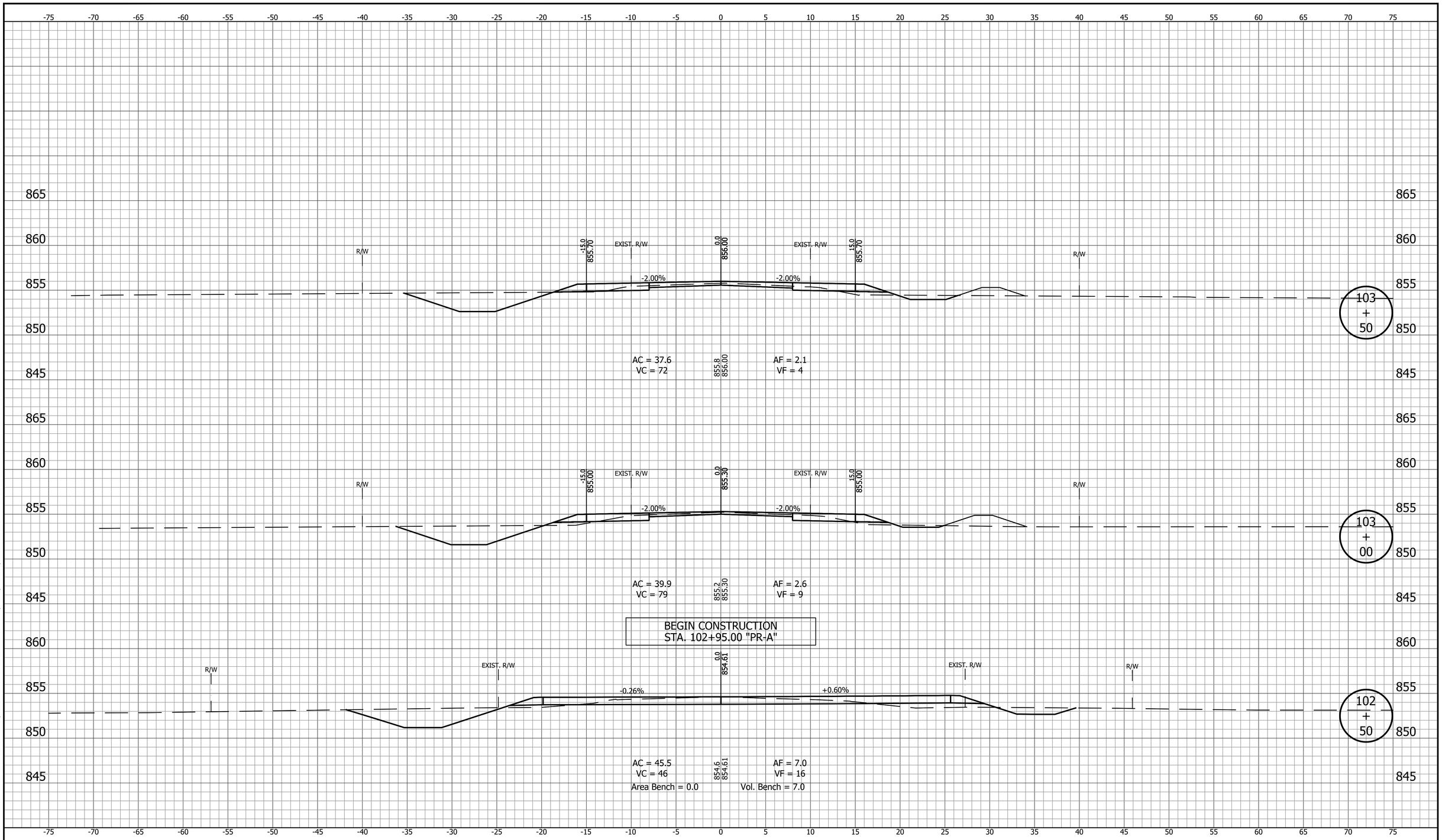
CHECKED: RDS 5/19/2026 CHECKED: YZ 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	109 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 4/16/26 - 11:17 AM EDITED BY: EBYERS DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\S ACAD\10 X-SECS\RD-SHTS-XSECS.DWG



PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 4/16/26 - 11:17 AM EDITED BY: EBYERS DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\10 X-SECS\RD-SHTS-XSECS.DWG

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

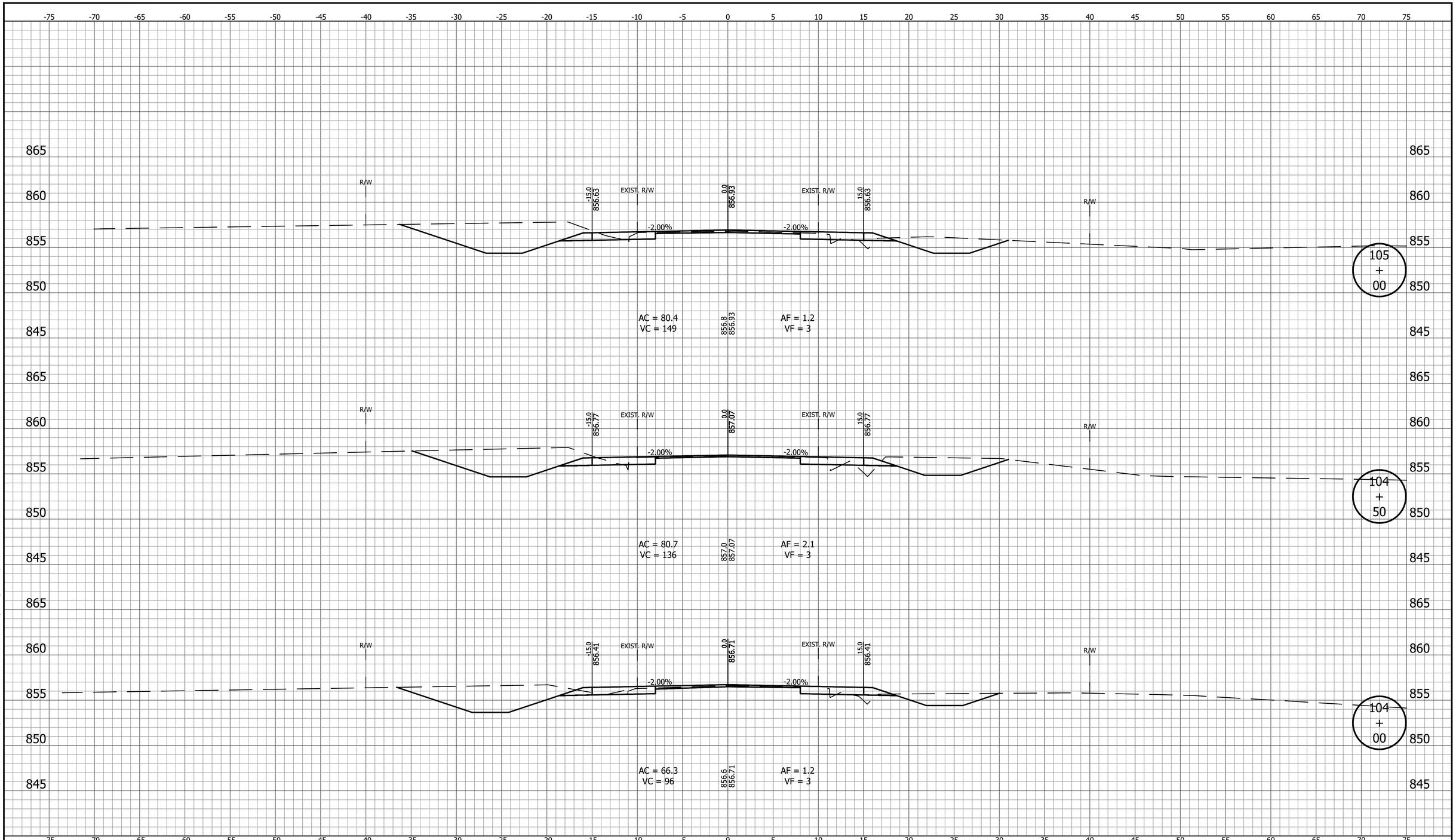
DESIGNED: YZ 4/16/2026 DRAWN: MRM 4/16/2026

CHECKED: RDS 5/19/2026 CHECKED: YZ 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	110 of 194
	CONTRACT
	R-43619



PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 4/16/26 - 11:17 AM EDITED BY: EBYERS DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\S ACAD\10 X-SECS\RD-SHTS-XSECS.DWG

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

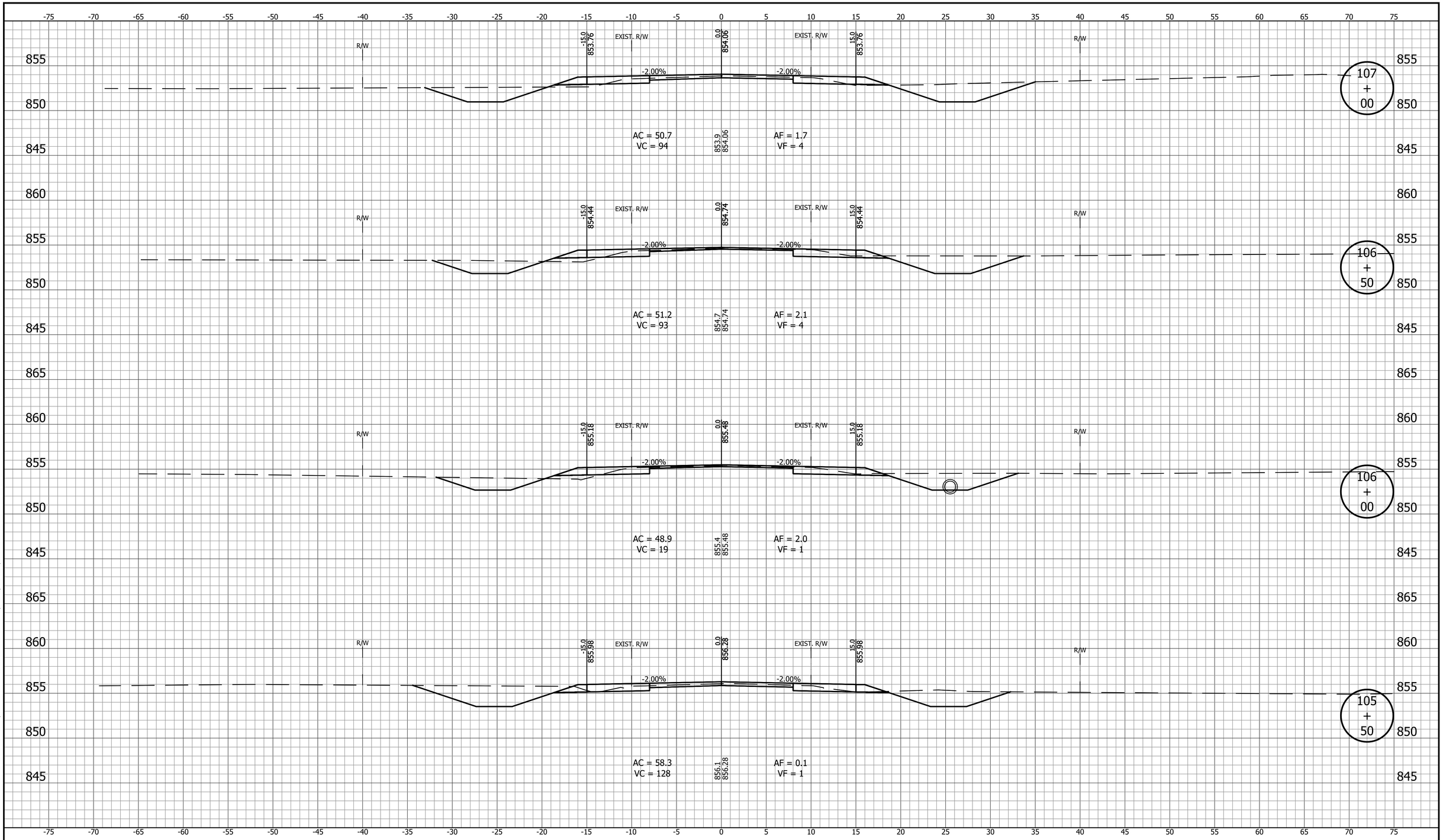
DESIGNED: YZ 4/16/2026 DRAWN: MRM 4/16/2026

CHECKED: RDS 5/19/2026 CHECKED: YZ 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	111 of 194
	CONTRACT
	R-43619



RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

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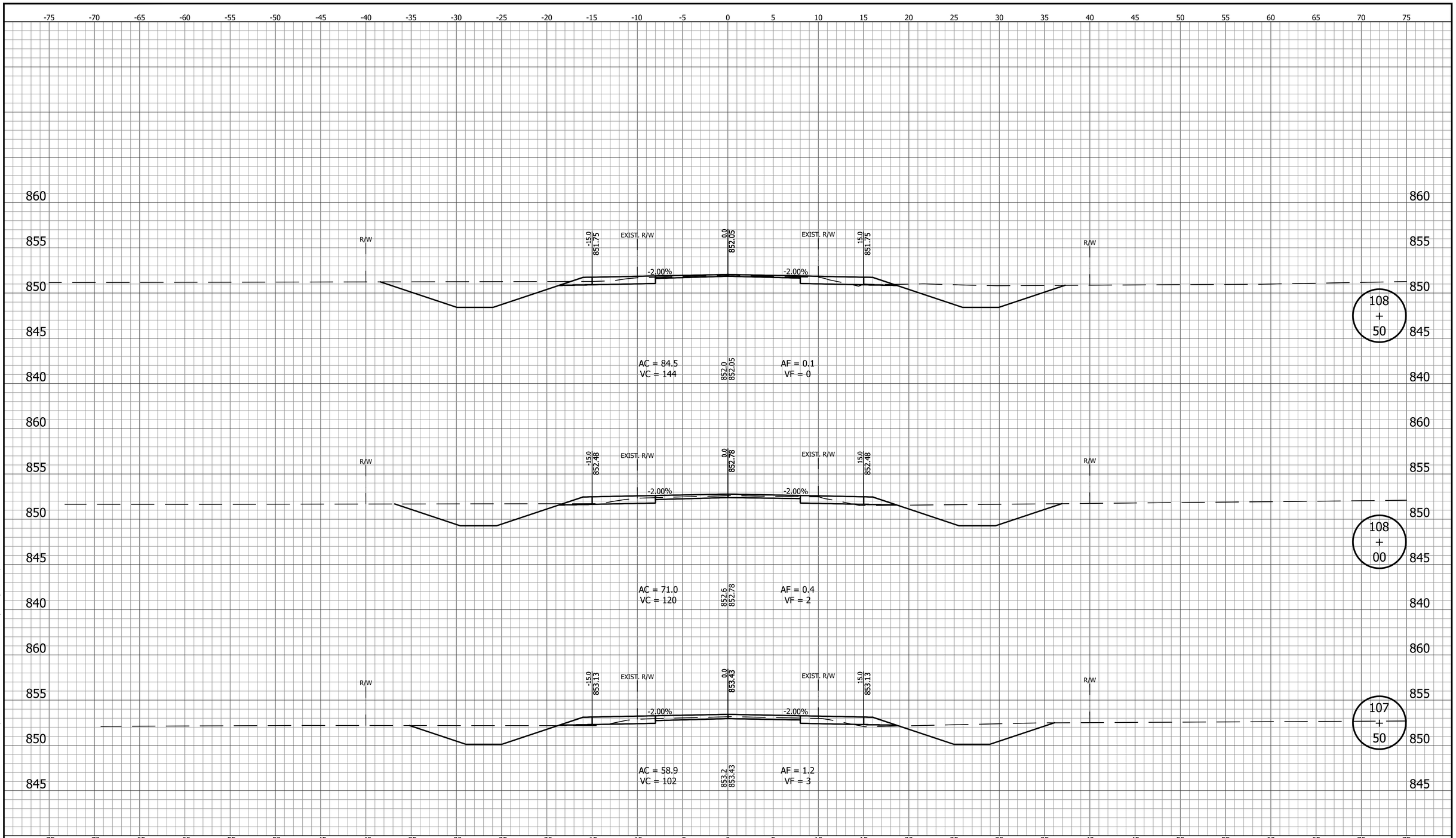
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	112 of 194
	CONTRACT
	R-43619

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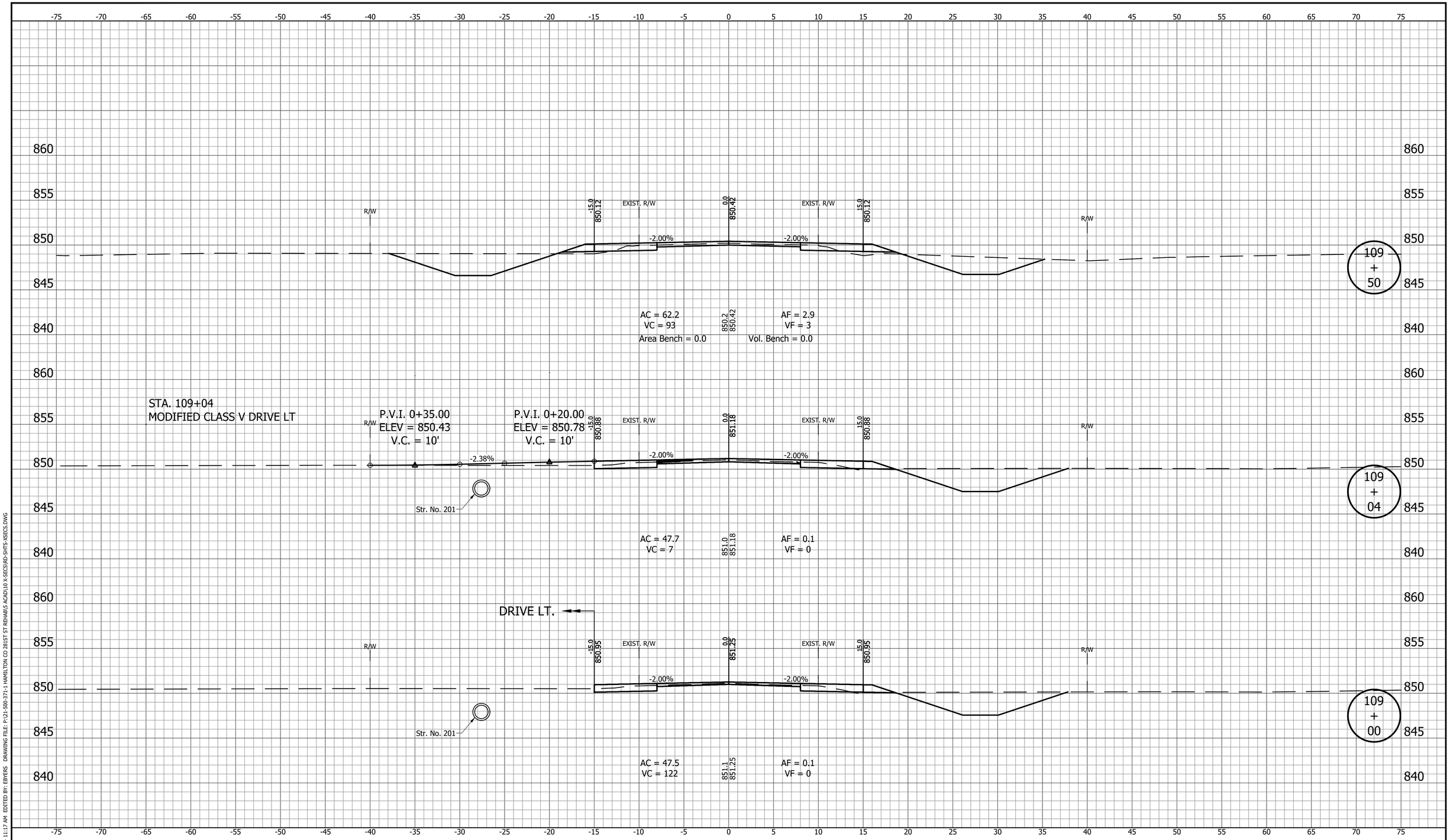
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	113 of 194
	CONTRACT
	R-43619



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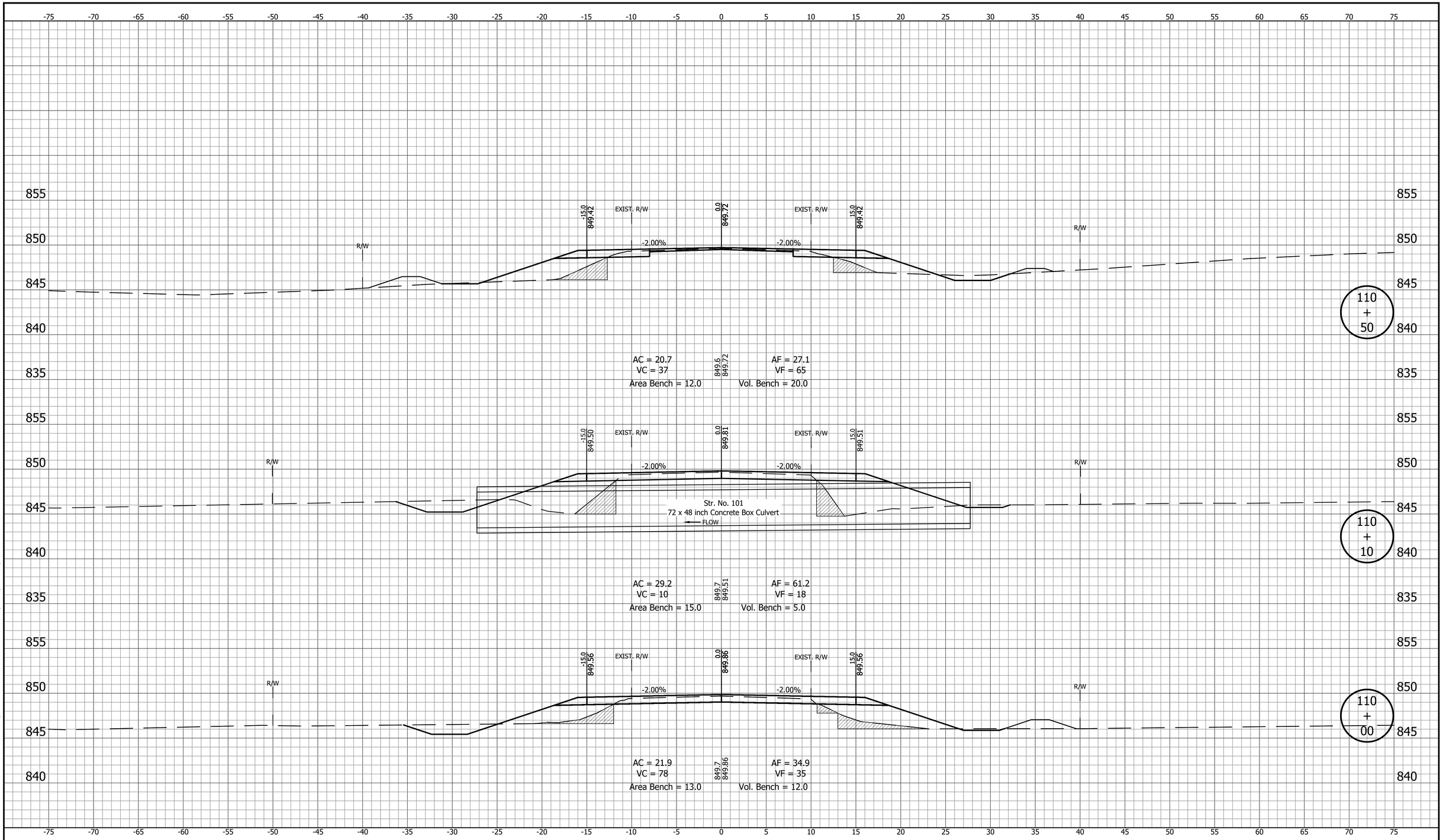
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	114 of 194
	CONTRACT
	R-43619



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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	115 of 194
	CONTRACT
	R-43619

DRIVE LT.

R/W | -15.0 850.37 | EXIST. R/W | 0.0 850.67 | EXIST. R/W | 15.0 850.37 | R/W | TEMP. R/W

-2.00% -2.00%

Str. No. 202

111 + 50

AC = 63.0
VC = 27

850.6
850.67

AF = 0.0
VF = 0

STA. 111+38
MODIFIED CLASS II DRIVE LT

P.V.I. 0+40.00
ELEV = 849.99
V.C. = 10'

P.V.I. 0+21.11
ELEV = 850.22
V.C. = 10'

R/W | -16.1 850.28 | EXIST. R/W | 0.0 850.49 | EXIST. R/W | 15.0 850.19 | R/W | TEMP. R/W

-1.18% -1.28% -2.00%

Str. No. 202

111 + 38

AC = 61.4
VC = 85
Area Bench = 0.0

850.4
850.49

AF = 0.0
VF = 6
Vol. Bench = 2.0

R/W | -15.0 849.69 | EXIST. R/W | 0.0 849.99 | EXIST. R/W | 15.0 849.69 | R/W | TEMP. R/W

-2.00% -2.00%

111 + 00

AC = 58.7
VC = 74
Area Bench = 4.0

849.9
849.99

AF = 7.8
VF = 32
Vol. Bench = 14.0

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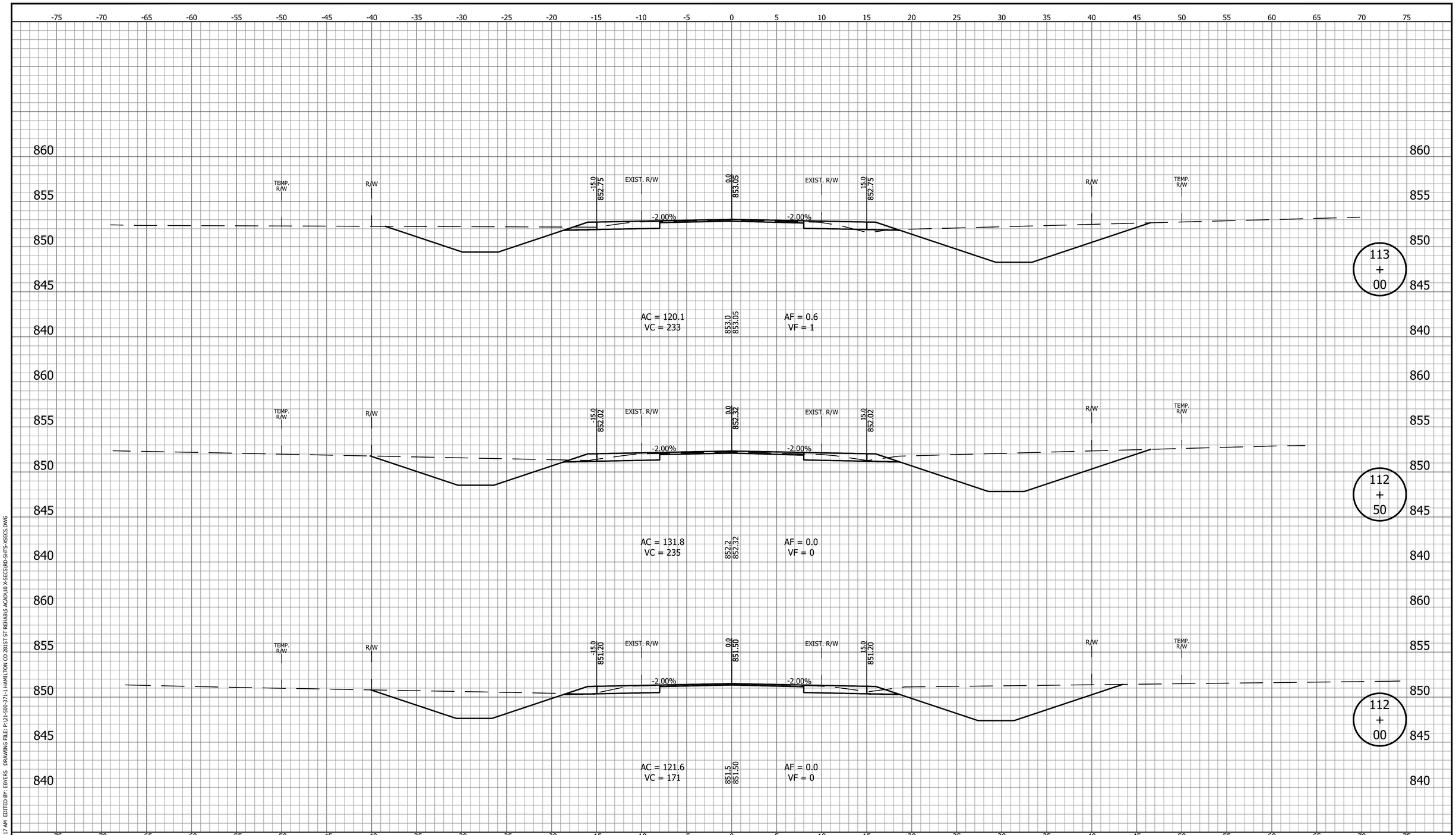
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	116 of 194
	CONTRACT
	R-43619

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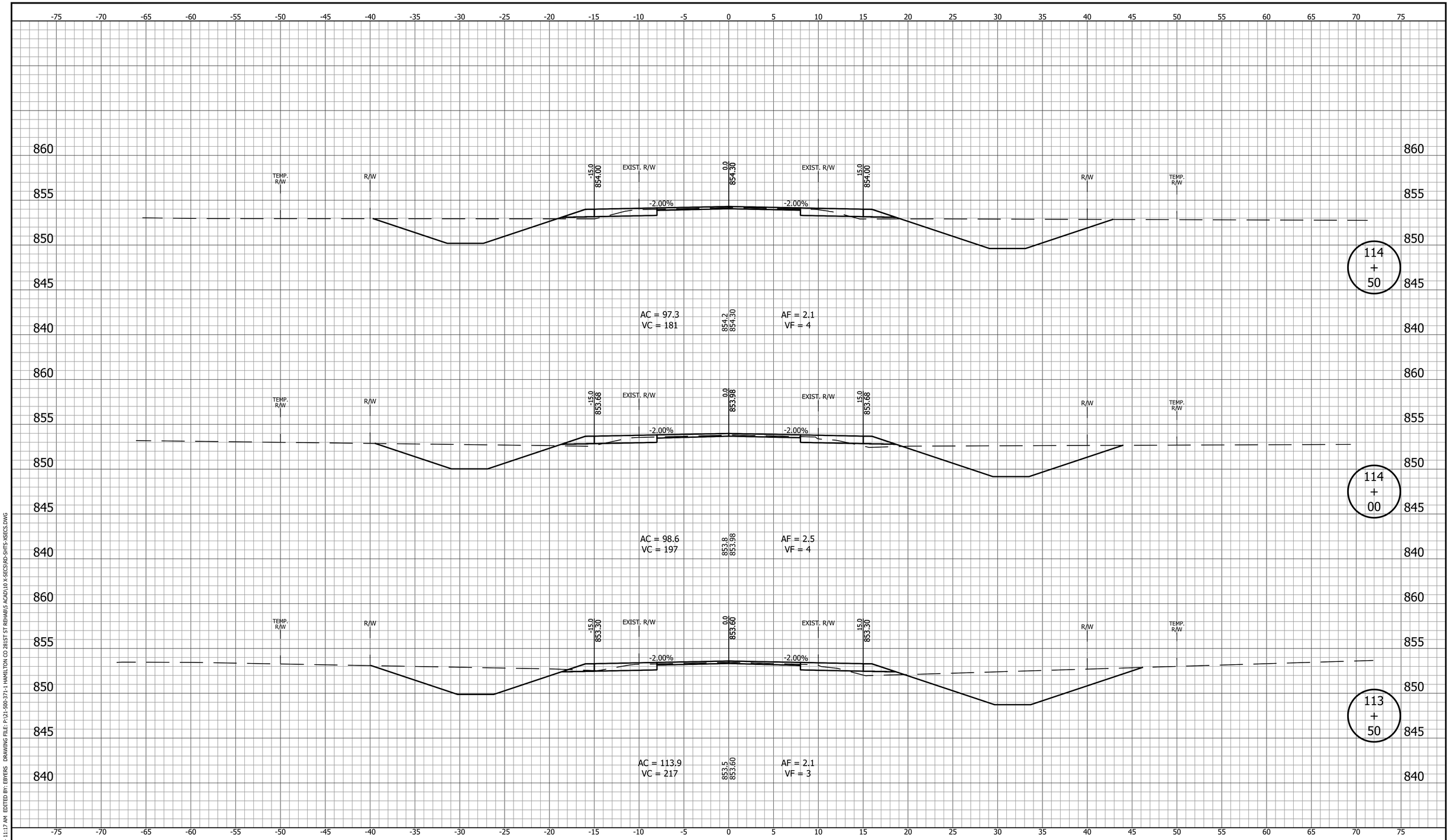
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	117 of 194
	CONTRACT
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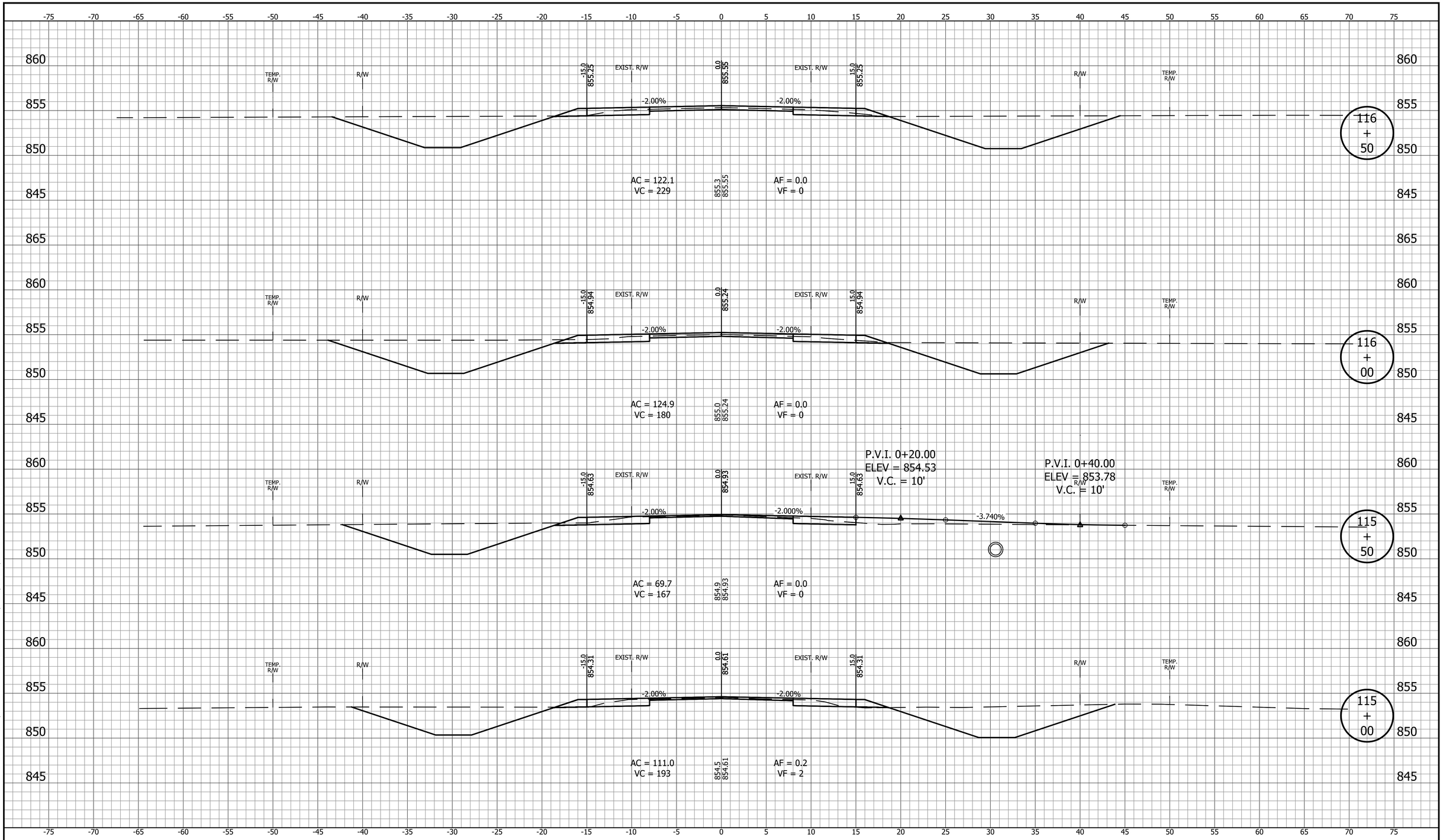
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

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1" = 5'	
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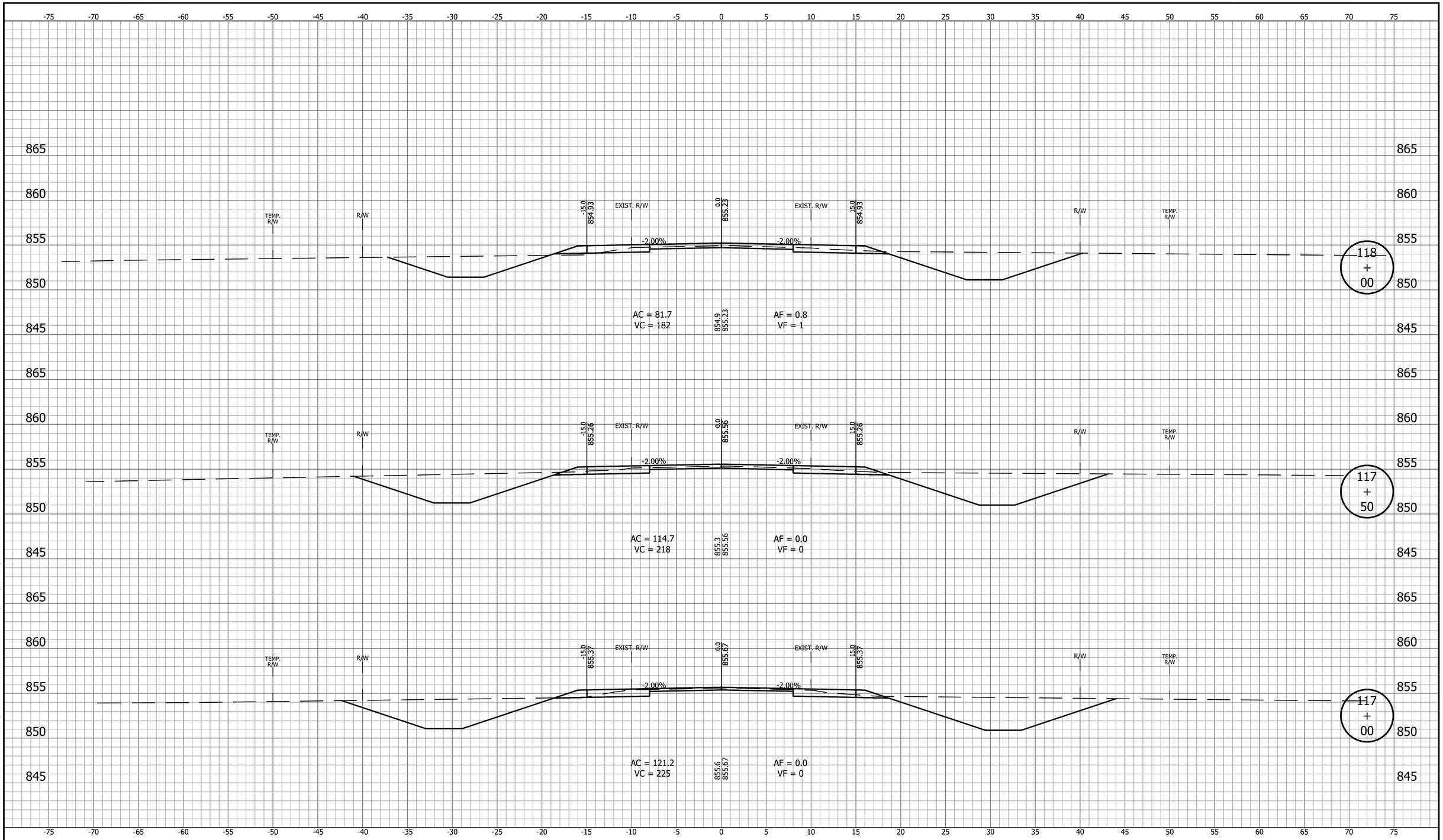
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	119 of 194
	CONTRACT
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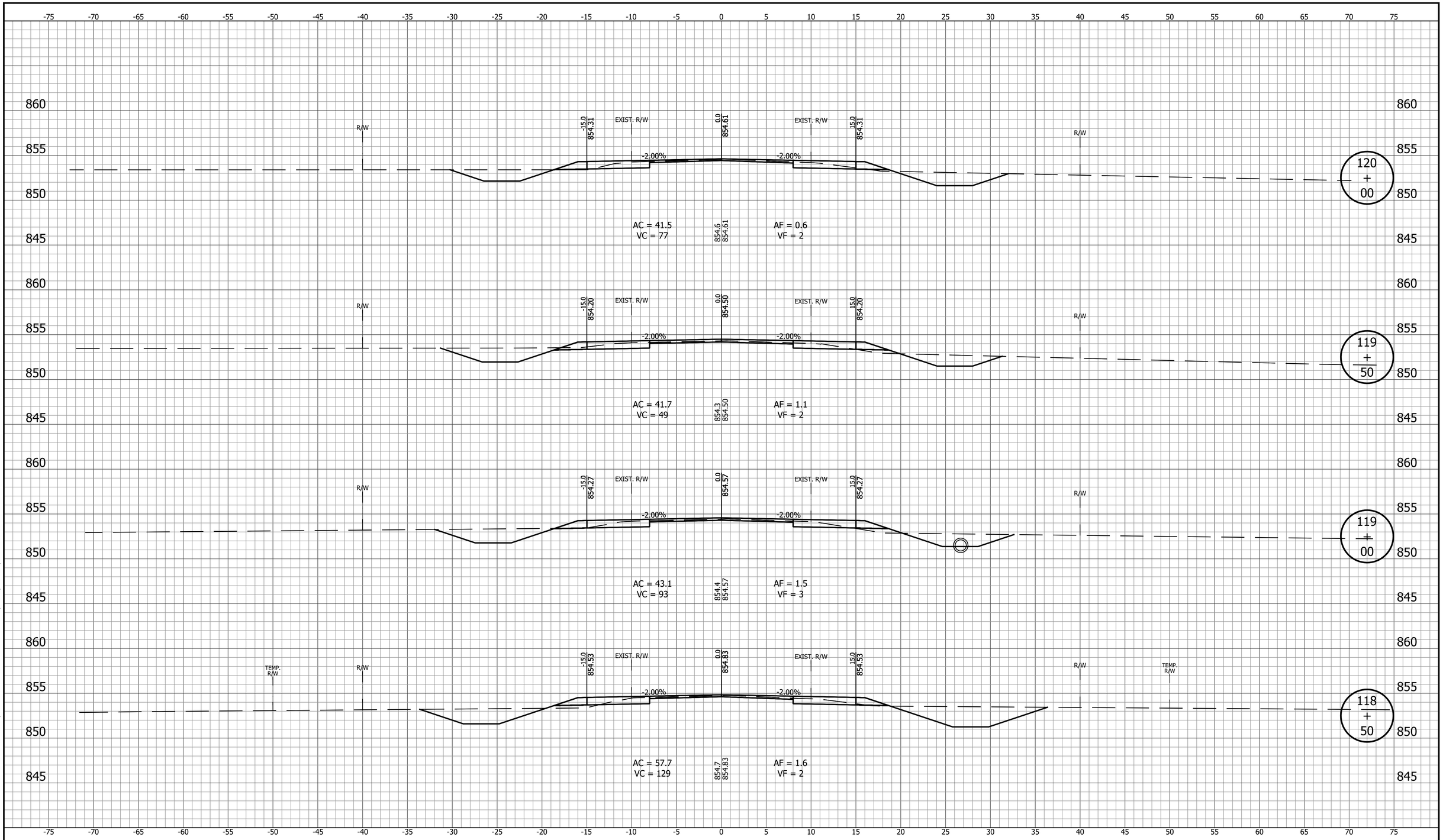
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	120 of 194
	CONTRACT
	R-43619

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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	121 of 194
	CONTRACT
	R-43619

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STA. 121+18
MODIFIED CLASS II DRIVE LT

PUBLIC ROAD APP. RT.

TEMP. R/W | EXIST. R/W | -15.0 854.67 | 0.0 854.97 | 15.0 854.96

+3.01% | -2.00% | +0.06%

121 + 18

AC = 20.2
VC = 6

854.7
854.97

AF = 0.0
VF = 0

DRIVE LT.

PUBLIC ROAD APP. RT.

P.V.I. 0+20.00
ELEV = 854.93
V.C. = 10'

P.V.I. 0+92.00
ELEV = 853.60
V.C. = 10'

TEMP. R/W | EXIST. R/W | -15.0 854.70 | 0.0 855.00 | 15.0 854.95

℄ OF CONSTRUCTION
LINE "PR-A"

-2.00% | -0.31% | -1.85%

OTT ROAD APPROACH

121 + 09

AC = 20.0
VC = 6

854.7
855.00

AF = 0.0
VF = 0

PUBLIC ROAD APP. RT.

R/W | EXIST. R/W | -15.0 854.70 | 0.0 855.00 | 15.0 854.92 | EXIST. R/W

-2.00% | -0.59%

121 + 00

AC = 17.0
VC = 40

854.7
855.00

AF = 2.2
VF = 3

PUBLIC ROAD APP. RT.

R/W | -15.0 854.52 | EXIST. R/W | 0.0 854.82 | EXIST. R/W | 15.0 854.55 | R/W

-2.00% | -1.82%

120 + 50

AC = 26.1
VC = 63

854.7
854.82

AF = 0.9
VF = 1

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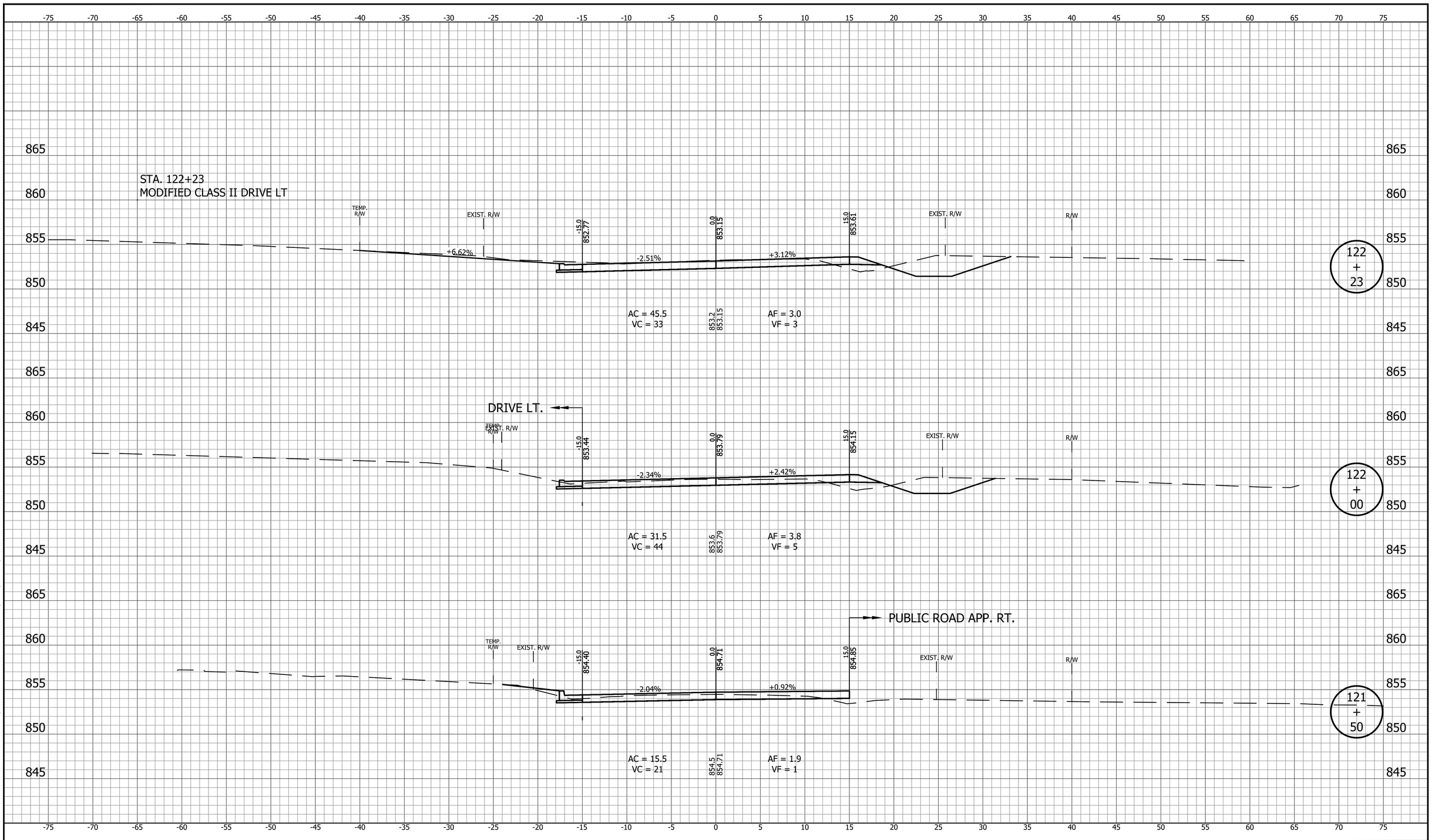
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	122 of 194
	CONTRACT
	R-43619

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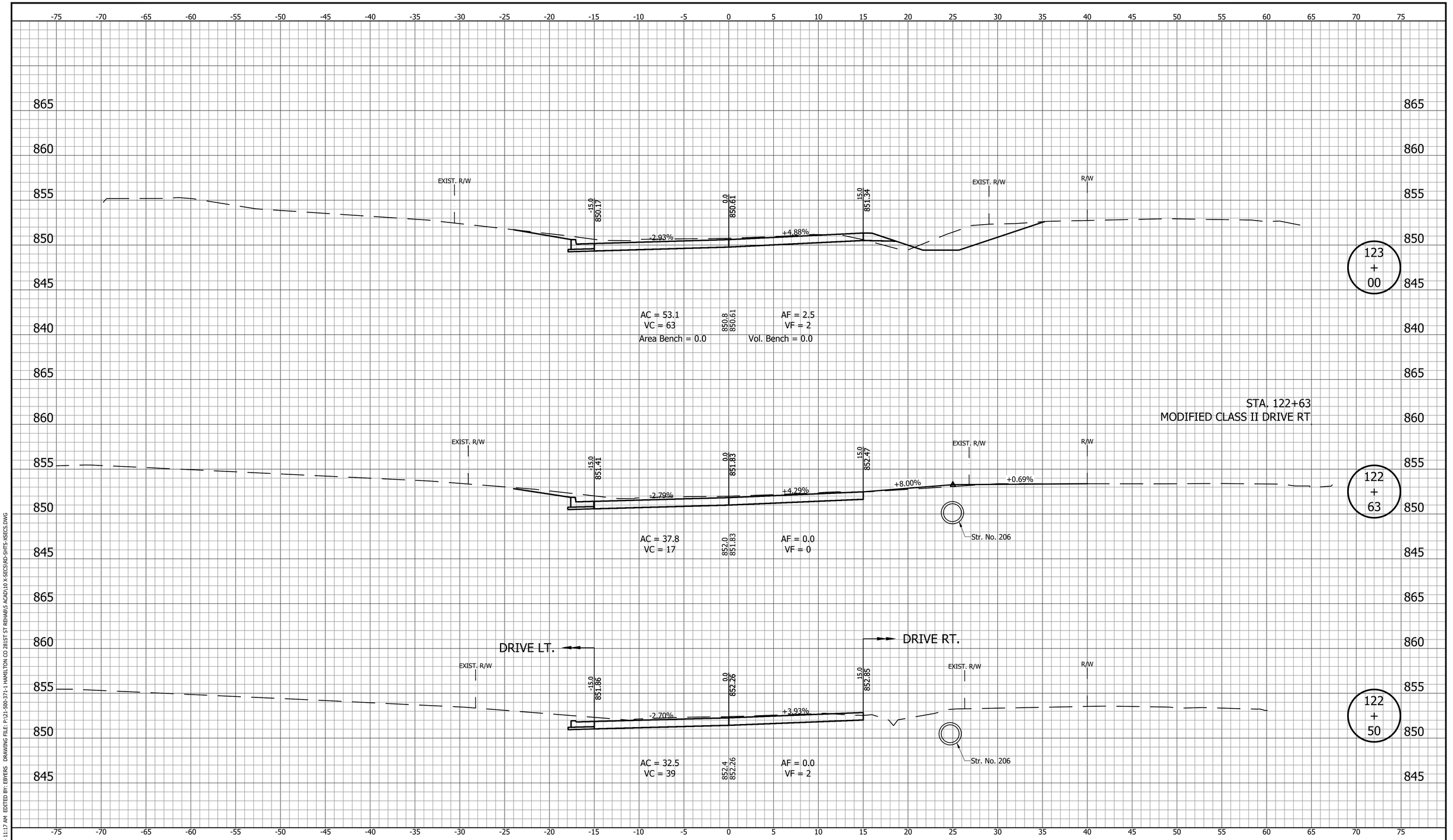
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	123 of 194
	CONTRACT
	R-43619

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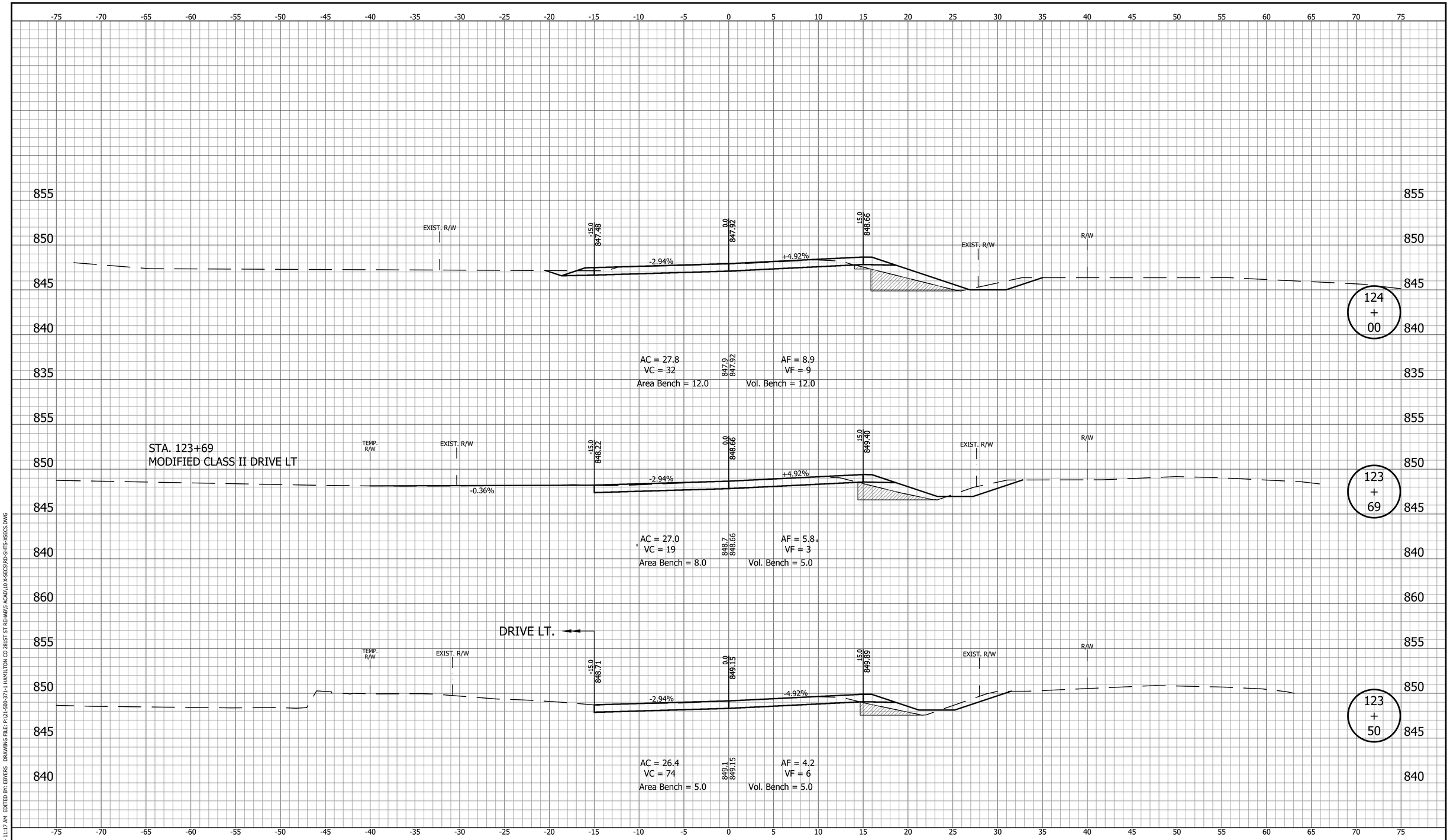
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	124 of 194
	CONTRACT
	R-43619



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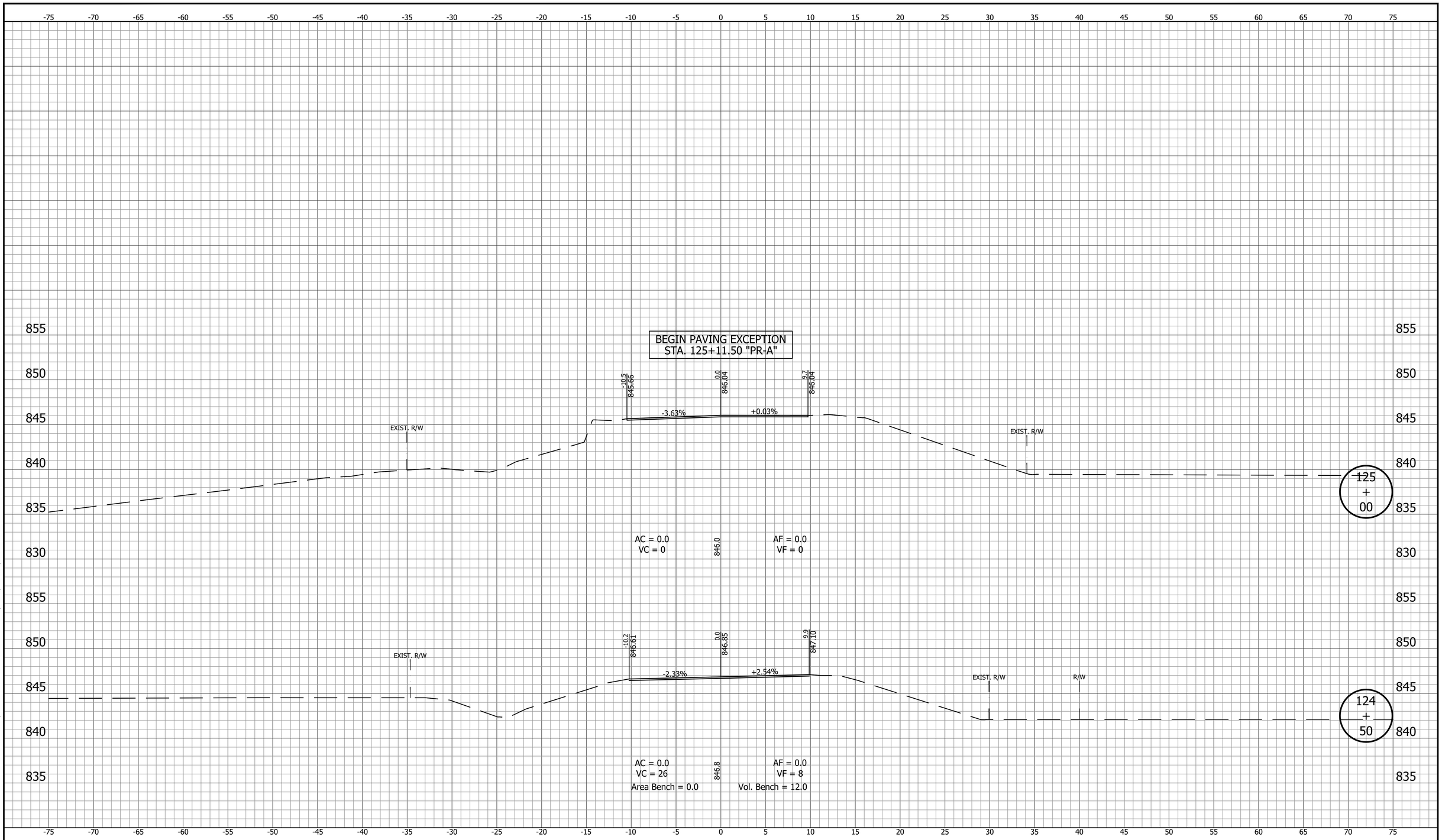
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	125 of 194
	CONTRACT
R-43619	2003031



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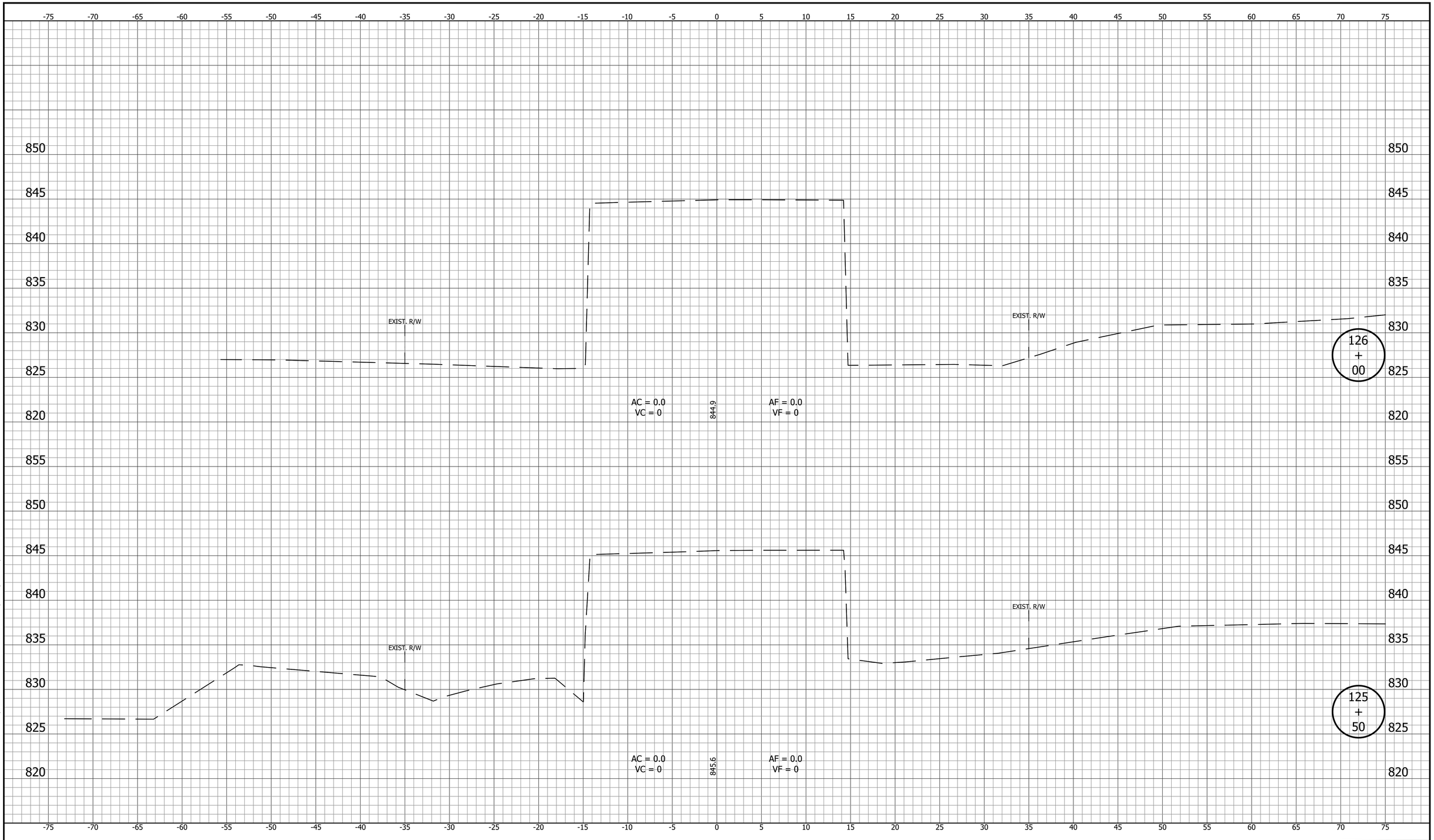
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	126 of 194
	CONTRACT
	R-43619

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INDIANA
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CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	127 of 194
	CONTRACT
	R-43619

END PAVING EXCEPTION
STA. 127+14.50 "PR-A"

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

AC = 0.0
VC = 0

843.1

AF = 0.0
VF = 0

AC = 0.0
VC = 0

844.2

AF = 0.0
VF = 0

127 + 00

126 + 50

-75 -70 -65 -60 -55 -50 -45 -40 -35 -30 -25 -20 -15 -10 -5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

850 845 840 835 830 825 820

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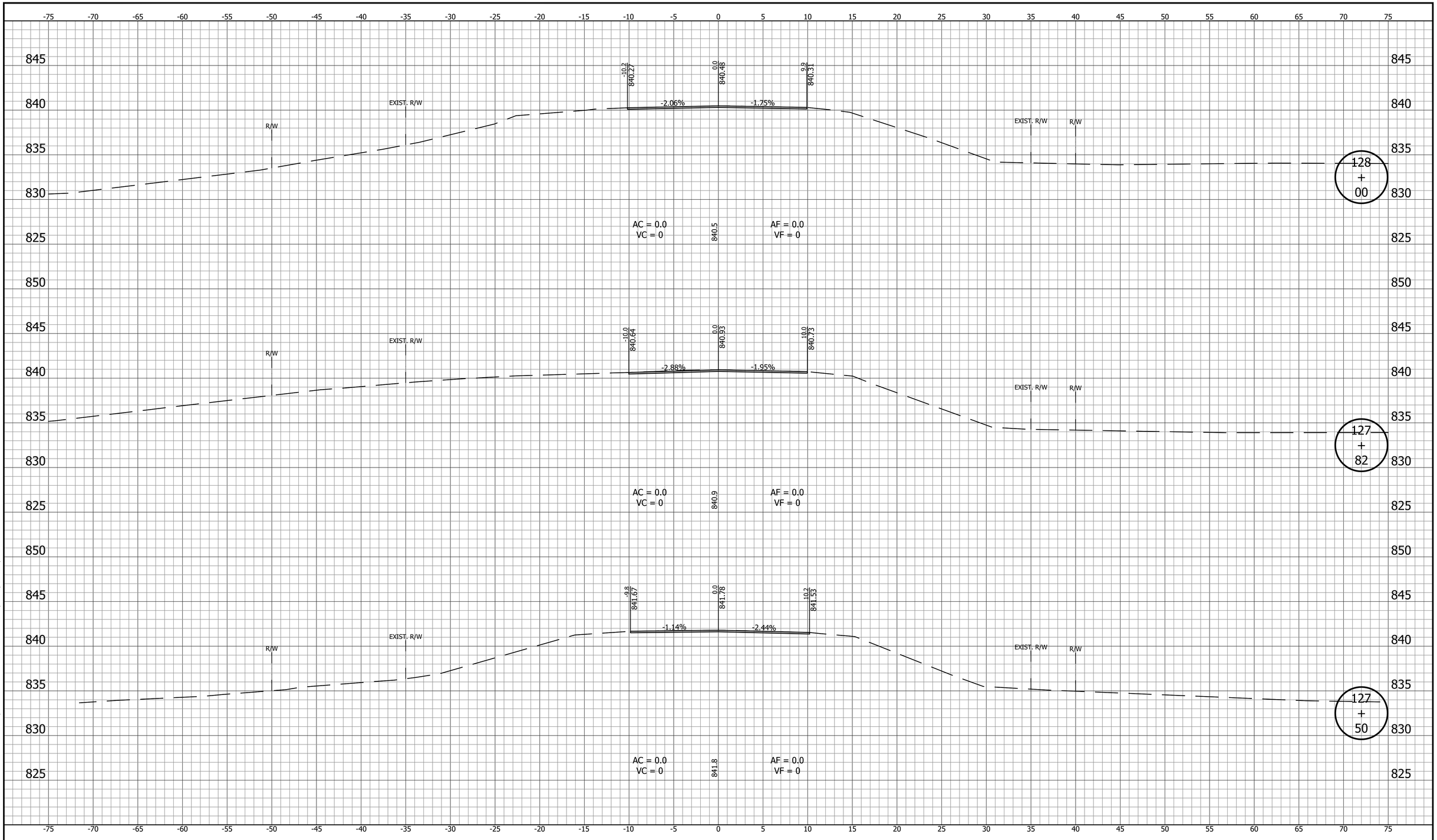
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

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	SHEET
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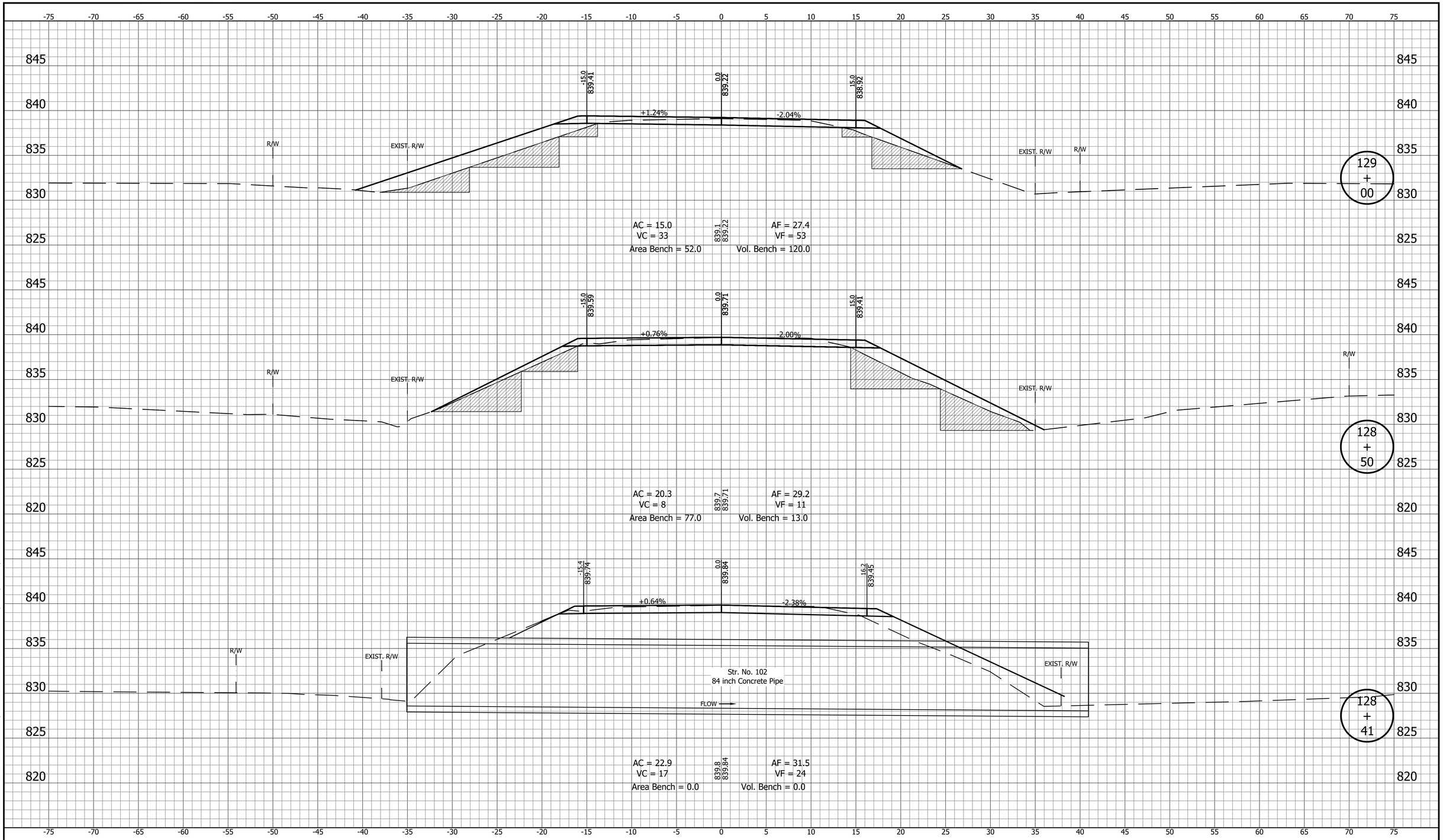
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	129 of 194
	CONTRACT
	R-43619



PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 4/16/26 - 11:17 AM EDITED BY: EBYERS DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\10 X-SECS\RD-SHTS-XSECS.DWG

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

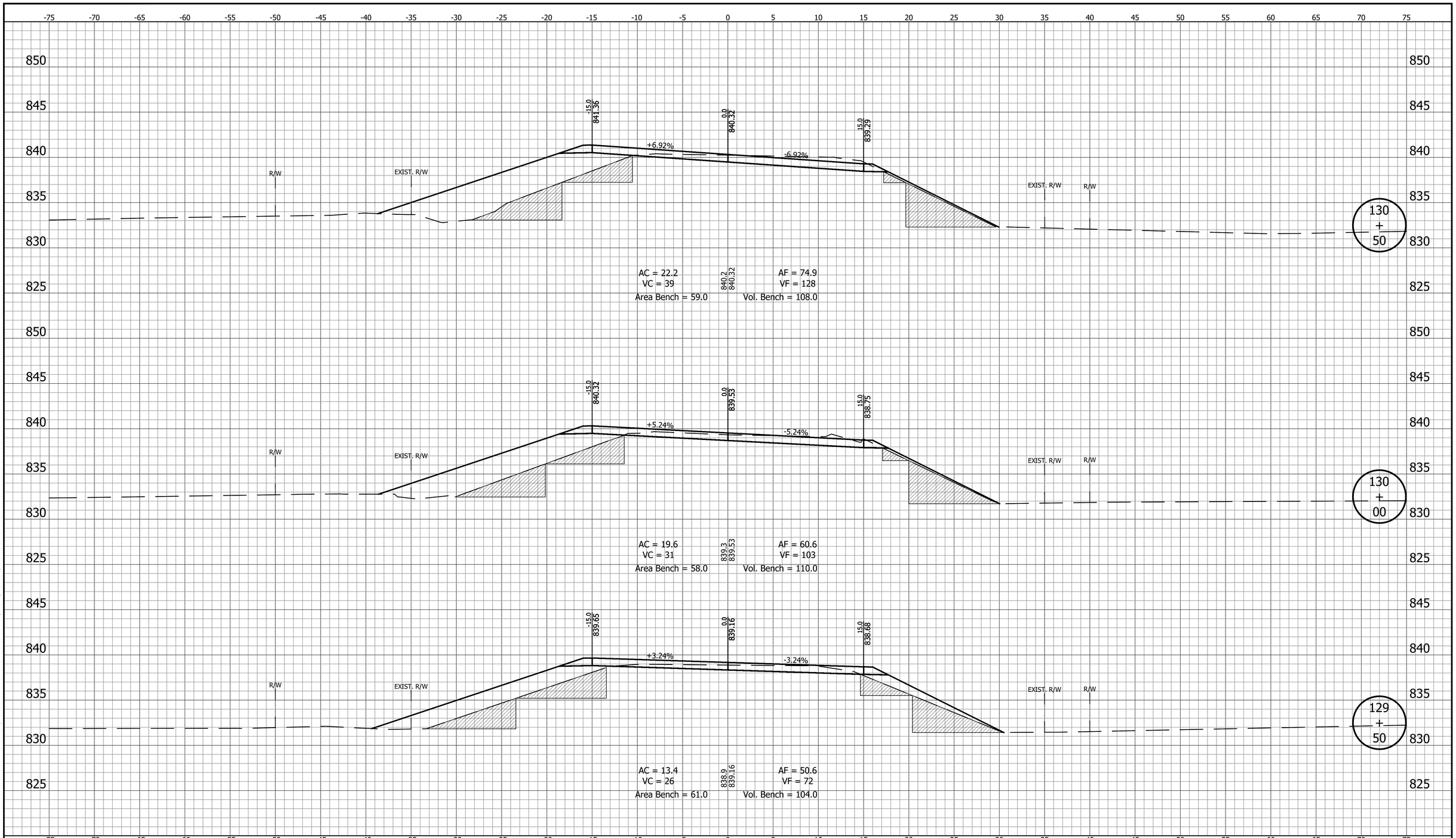
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CHECKED: RDS 5/19/2026 CHECKED: YZ 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
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	130 of 194
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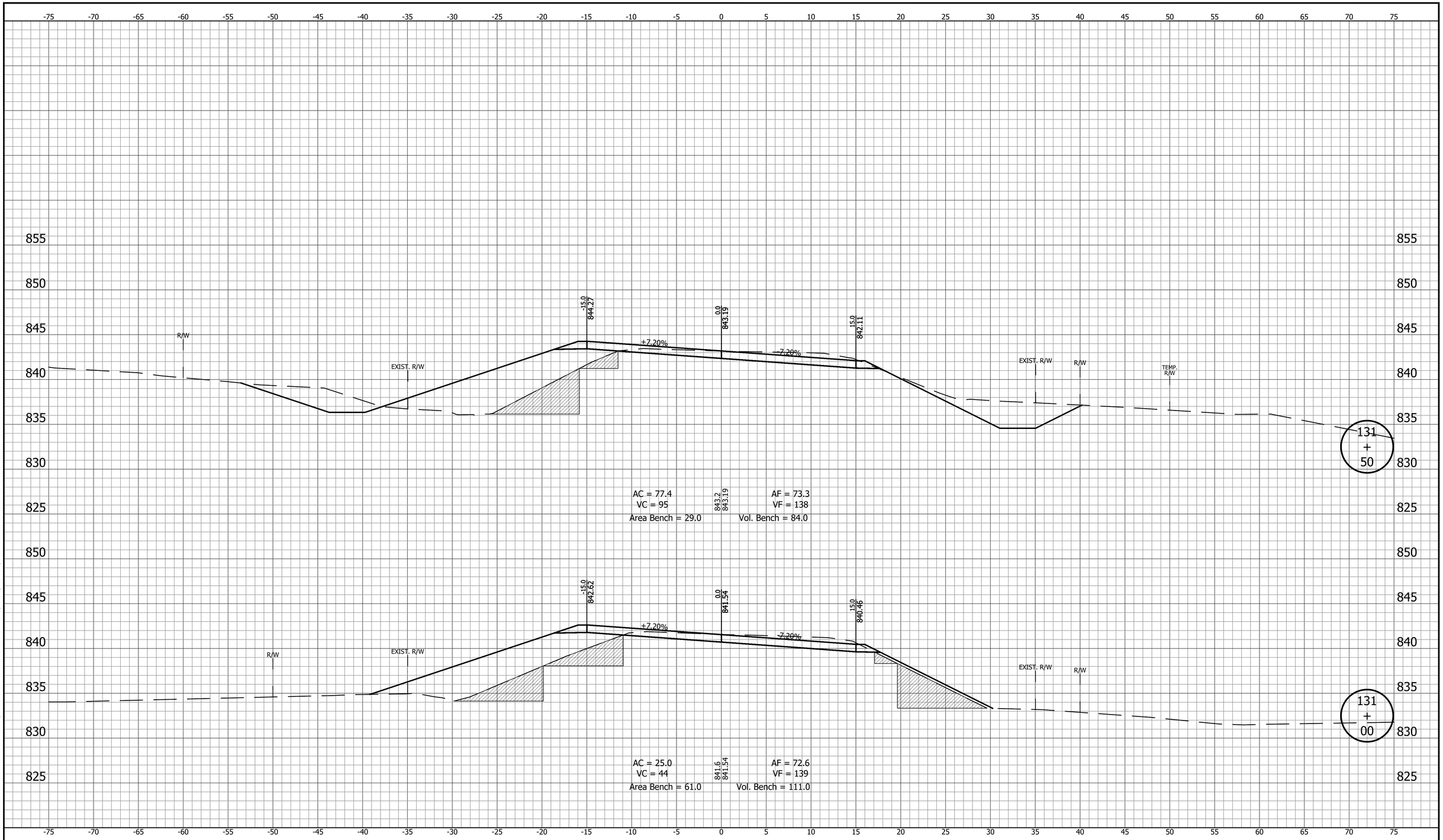
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

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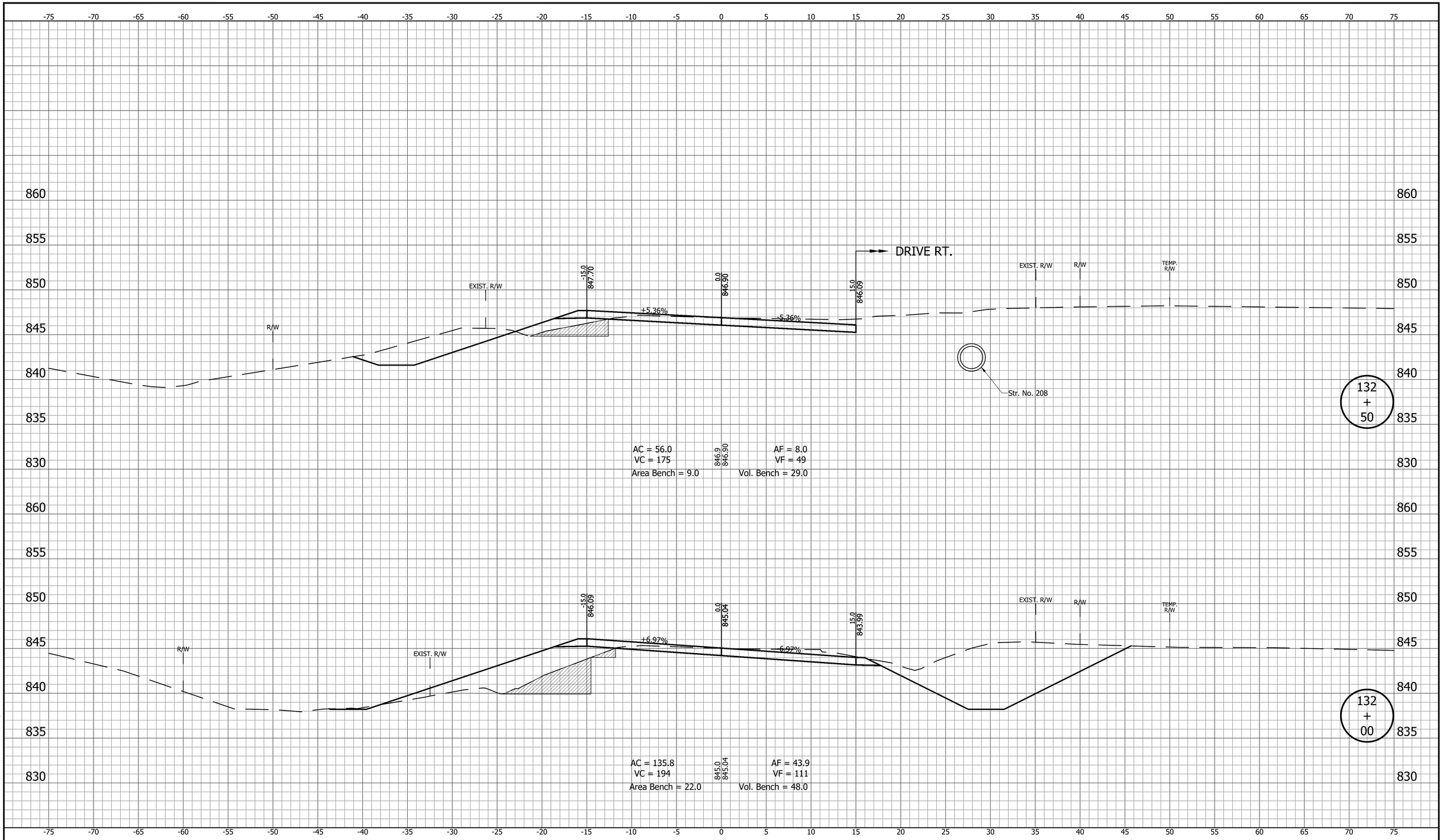
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

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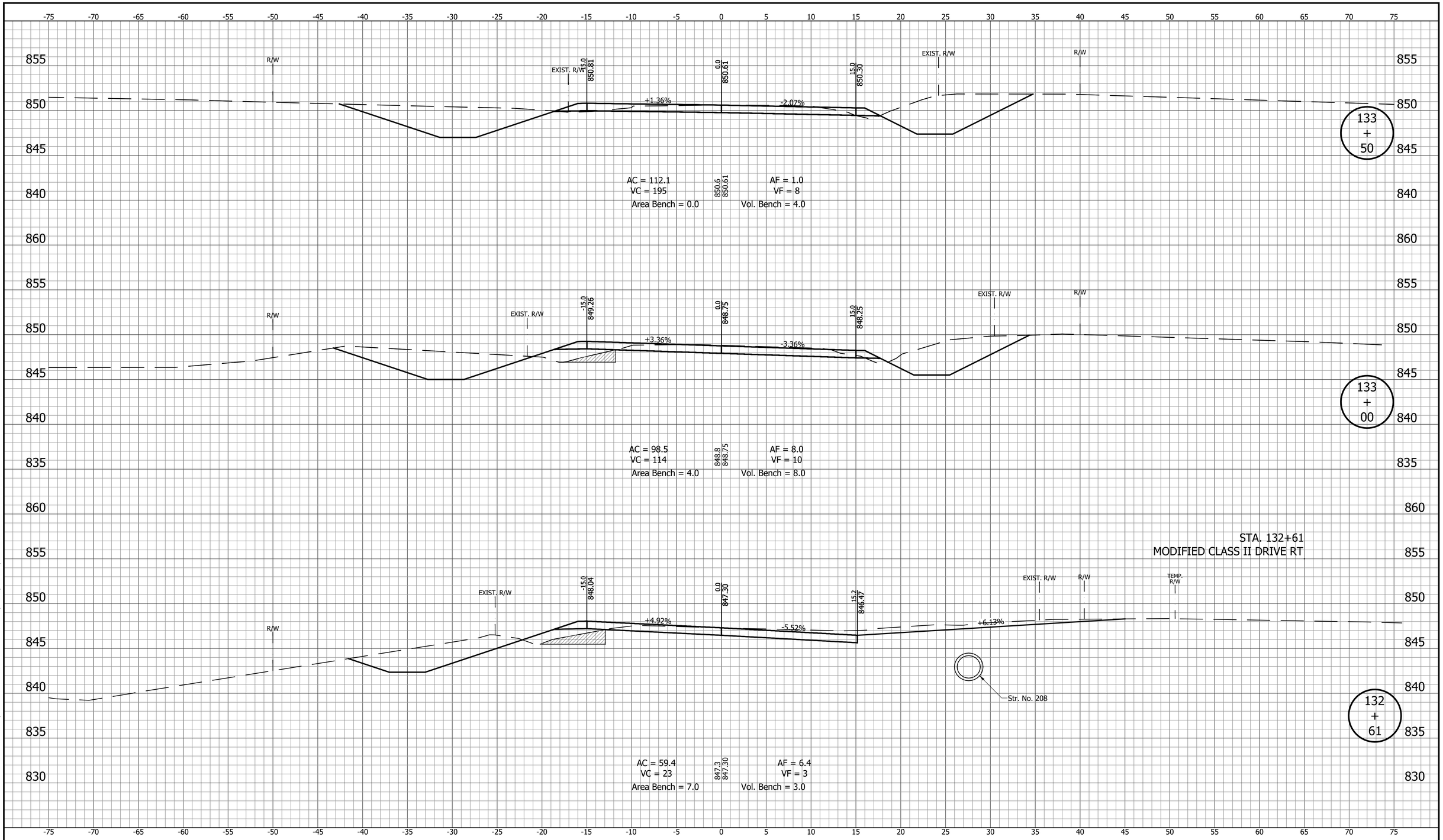
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INDIANA
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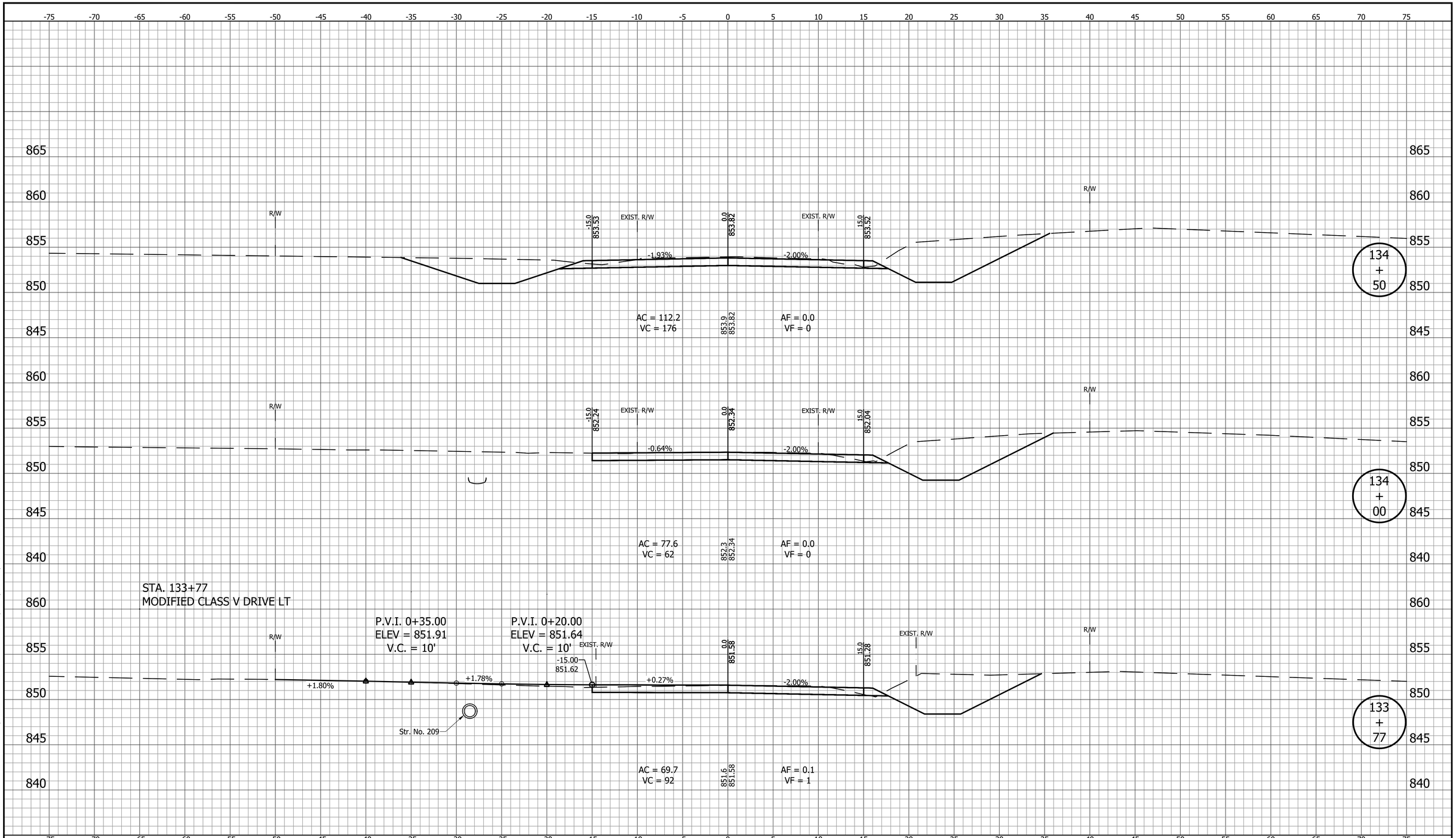
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LINE "PR-A"

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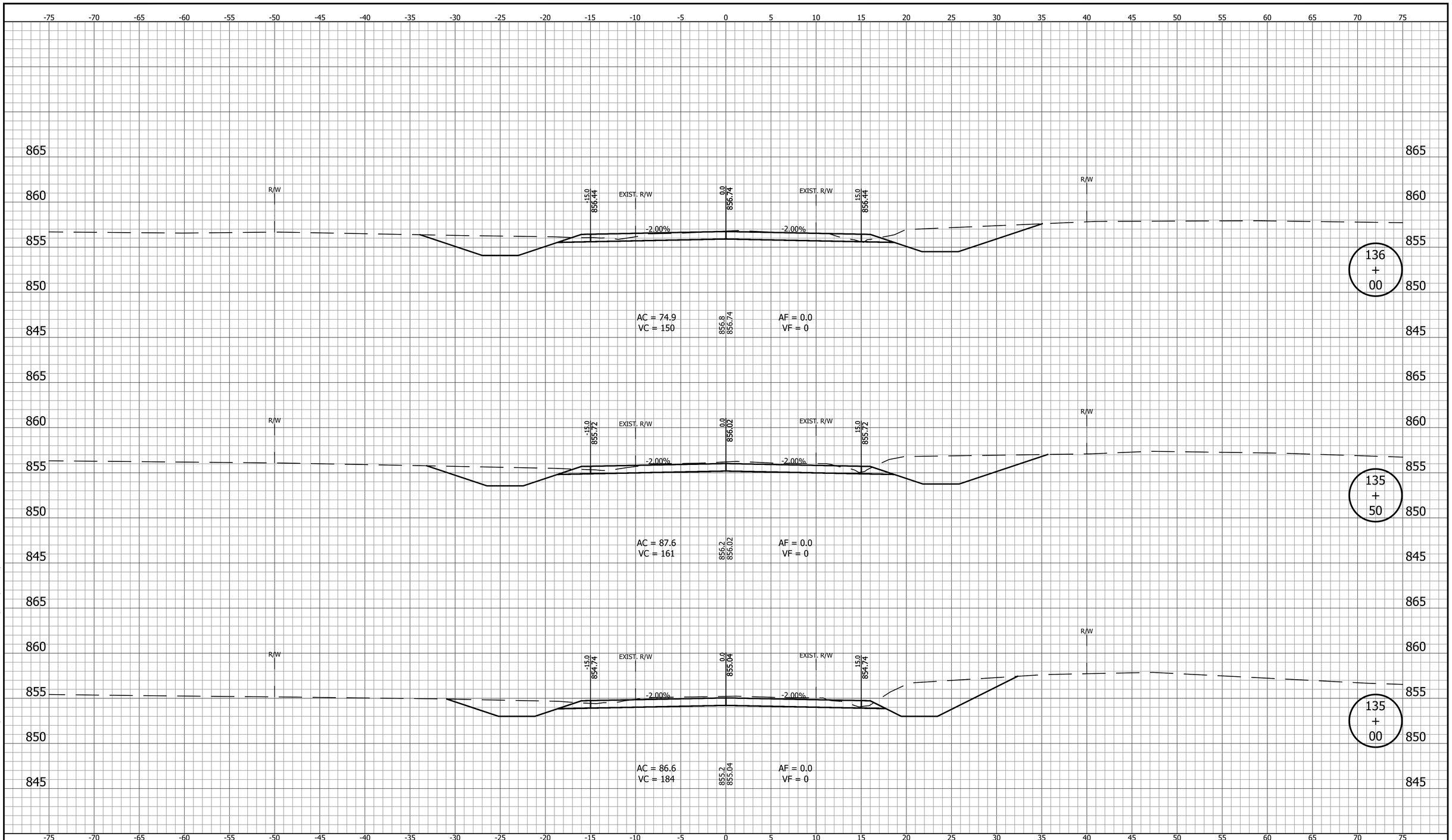
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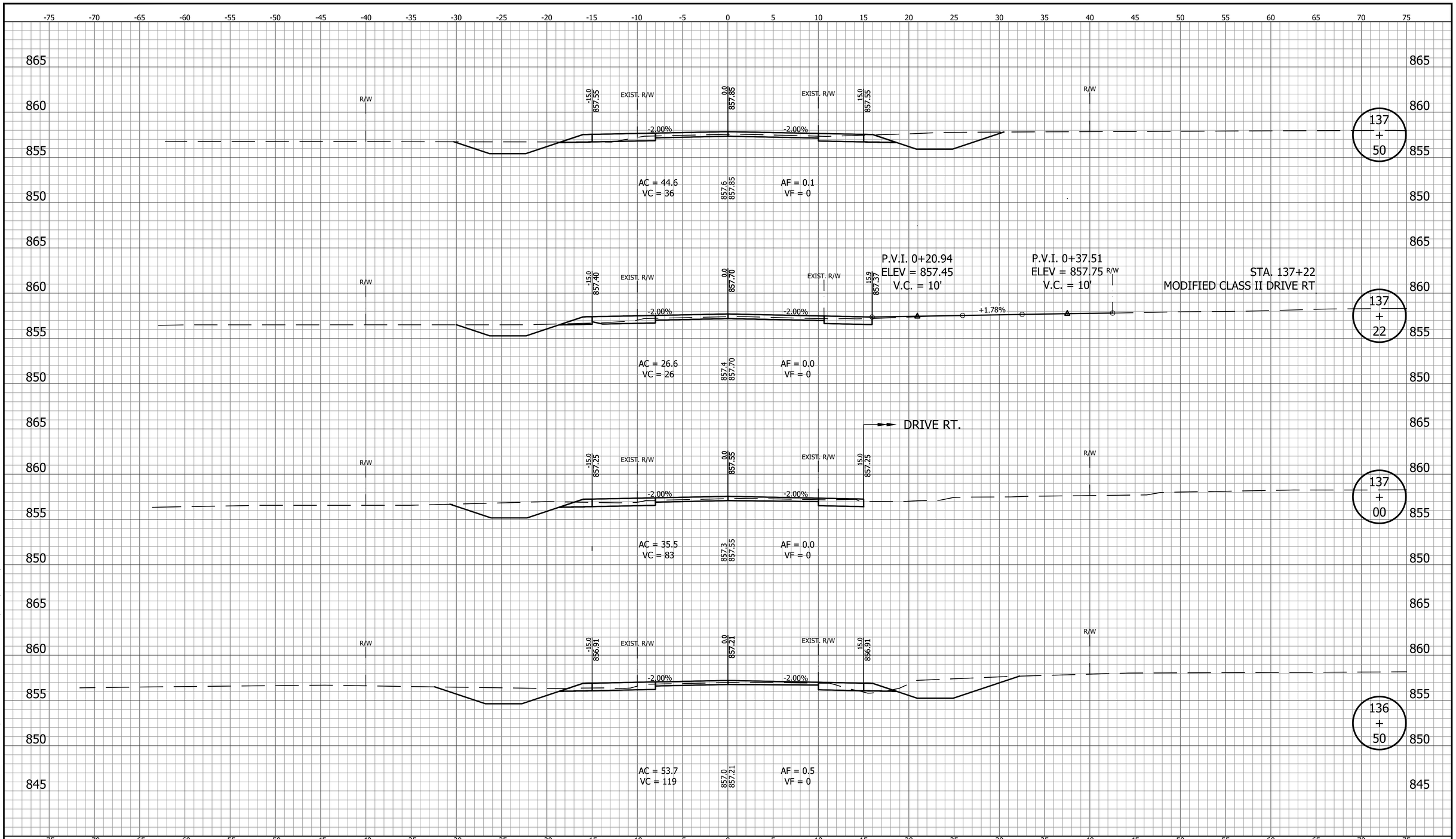
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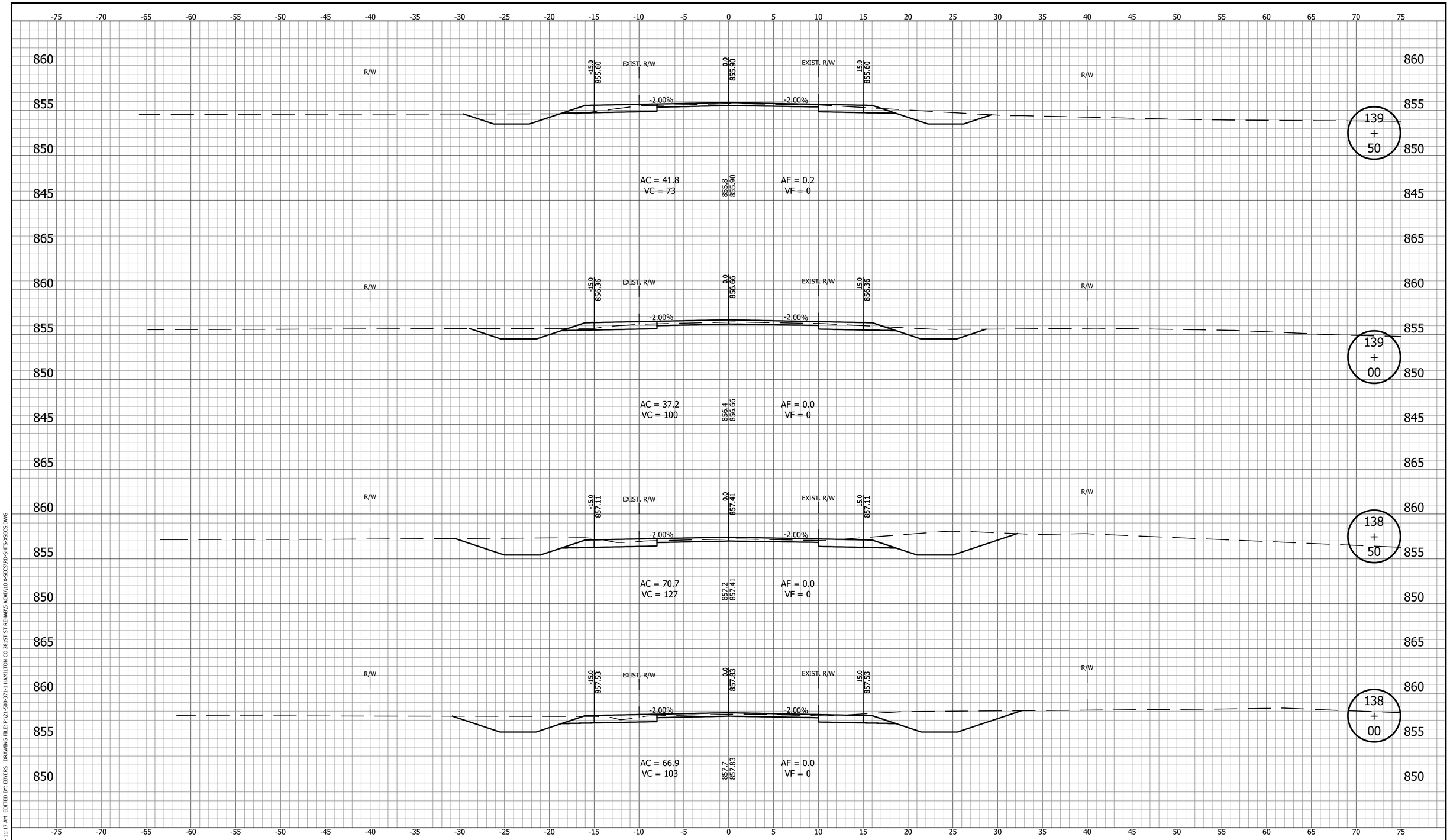
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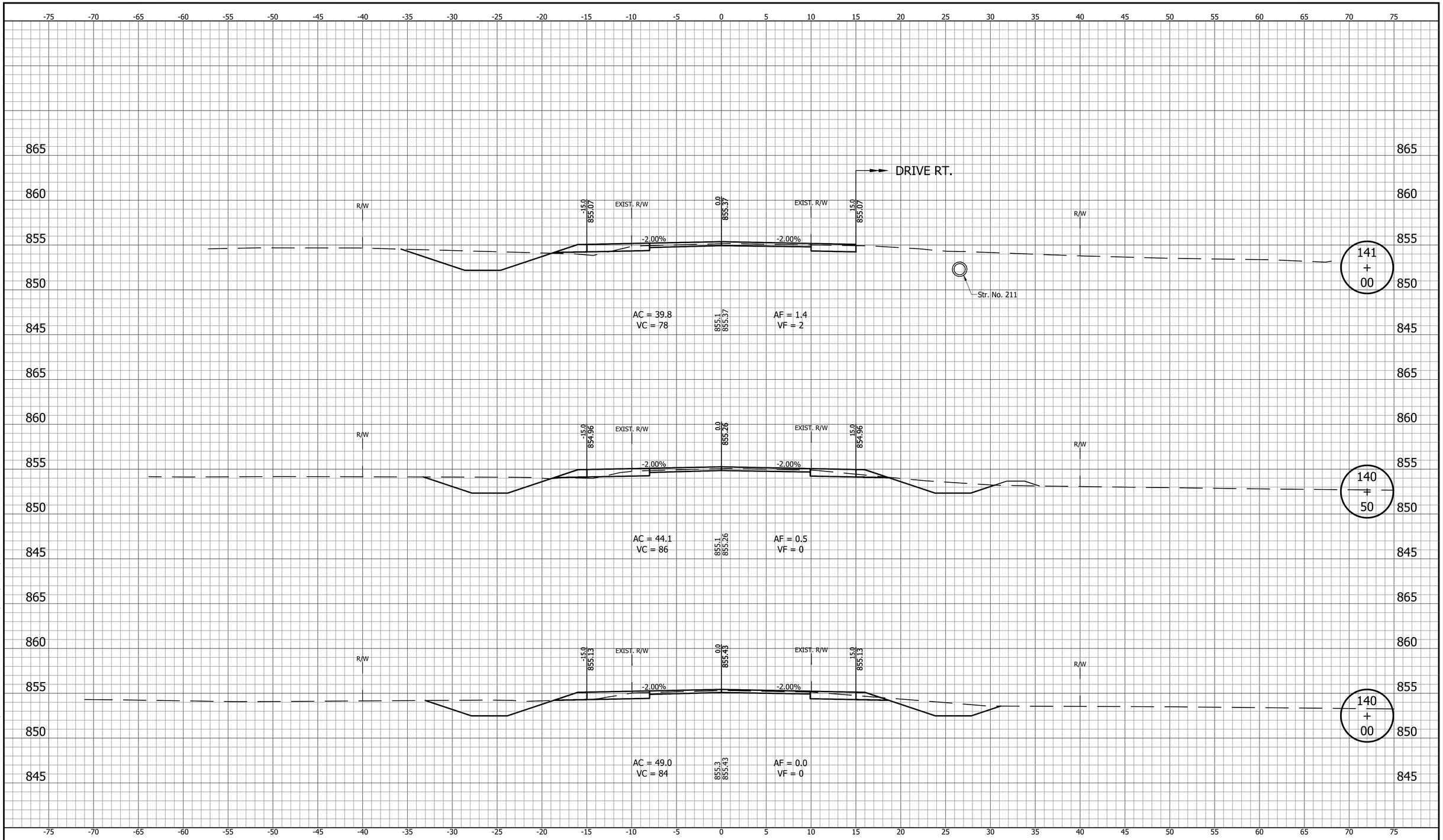
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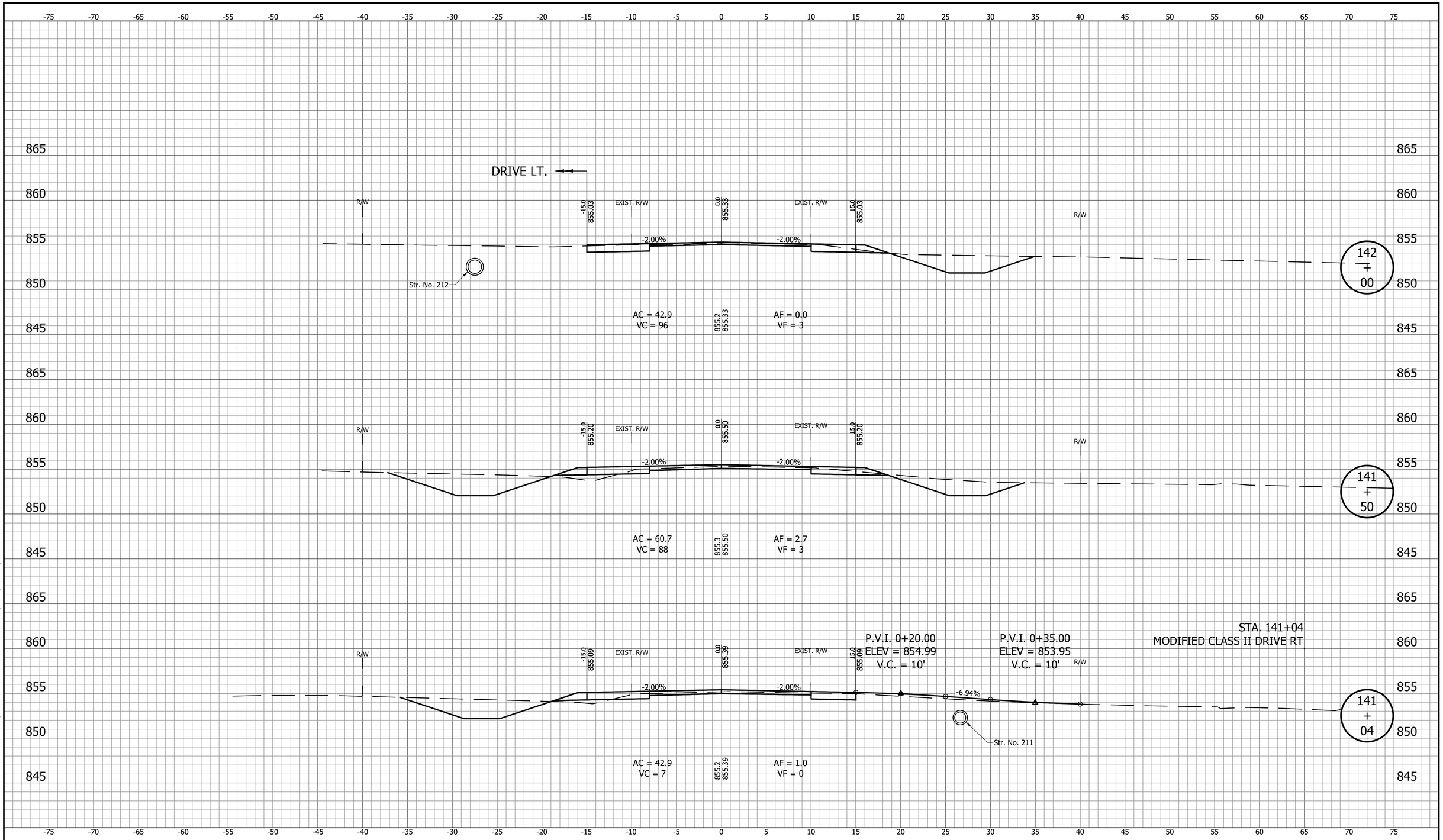
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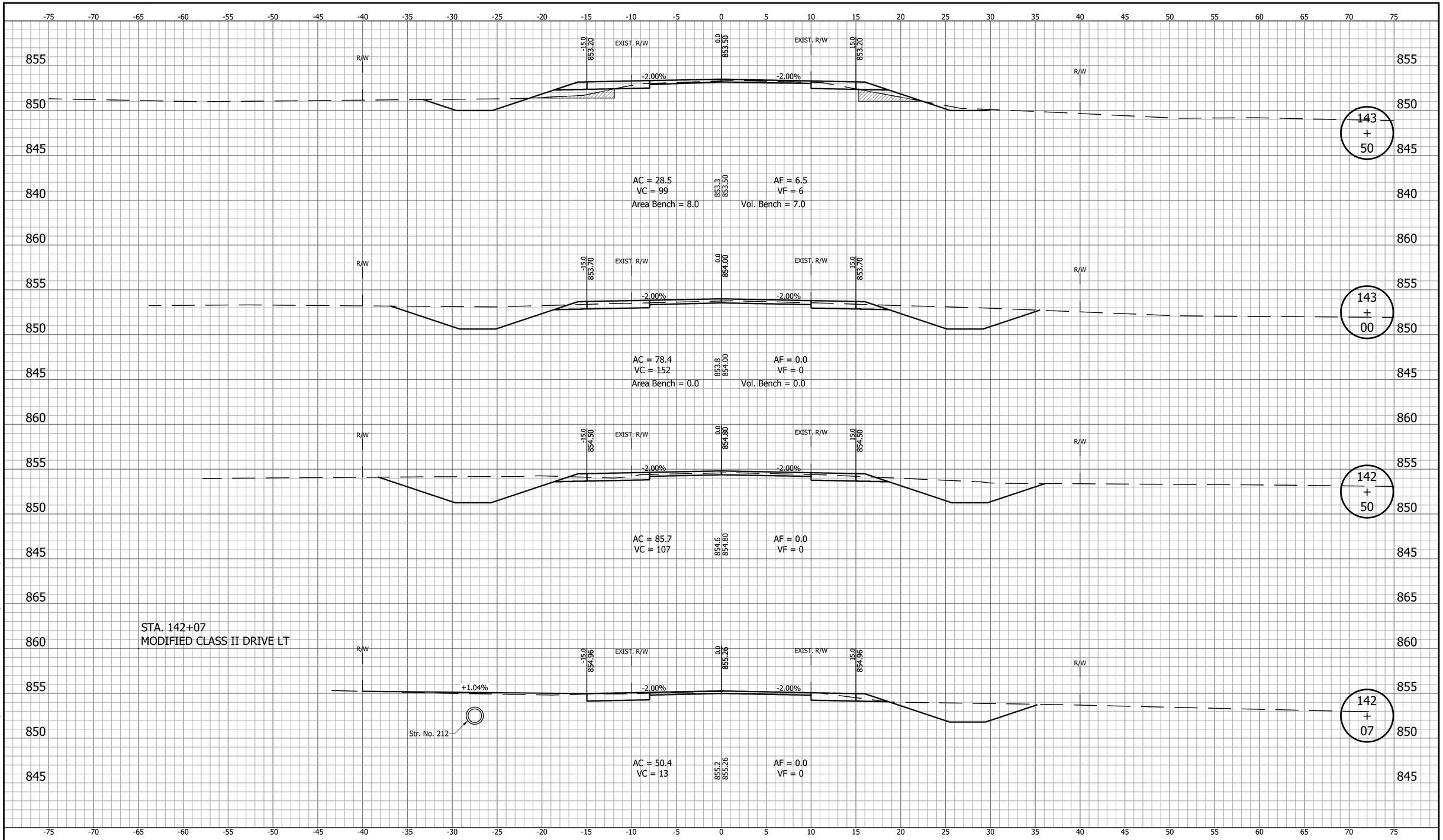
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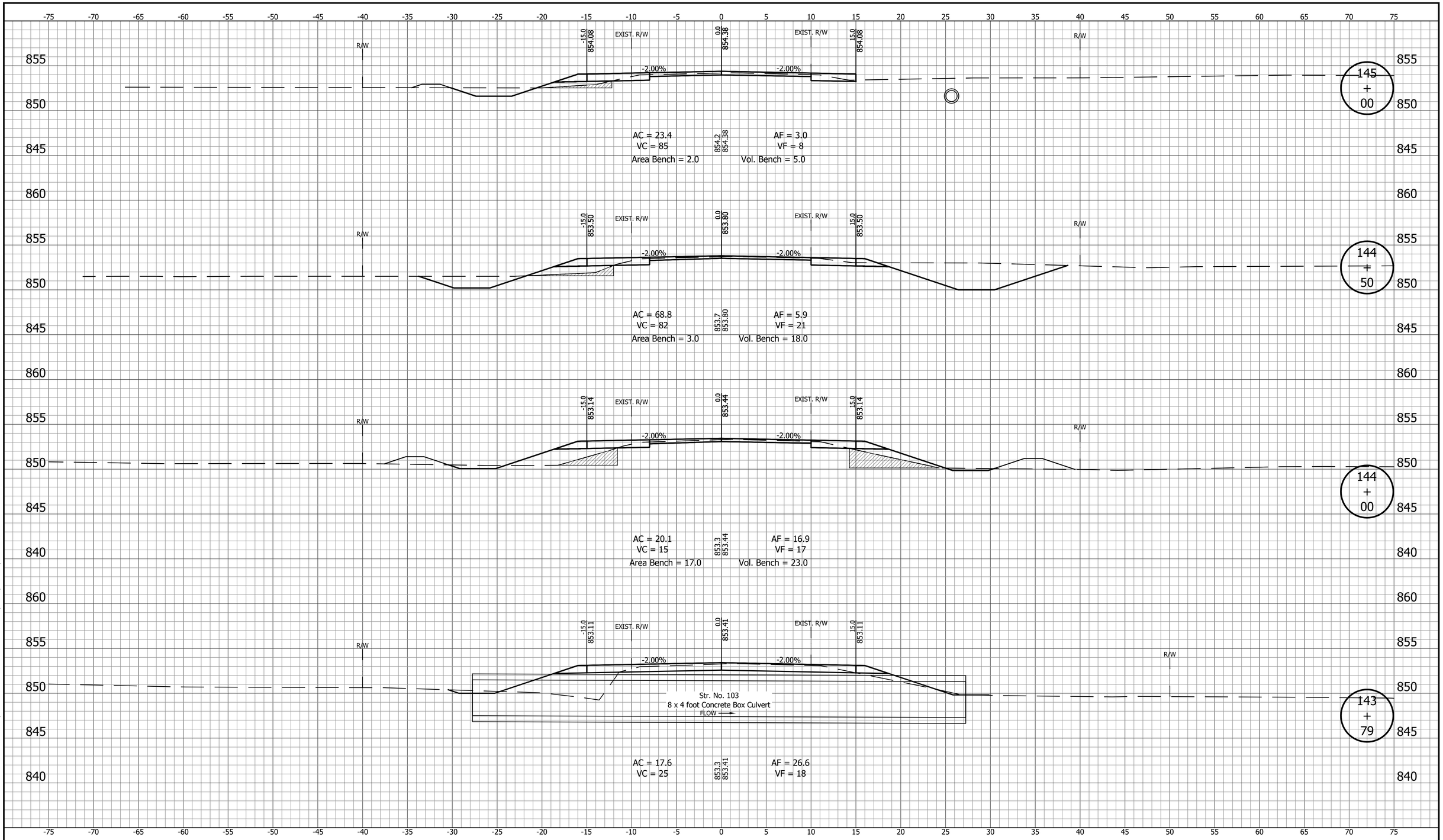
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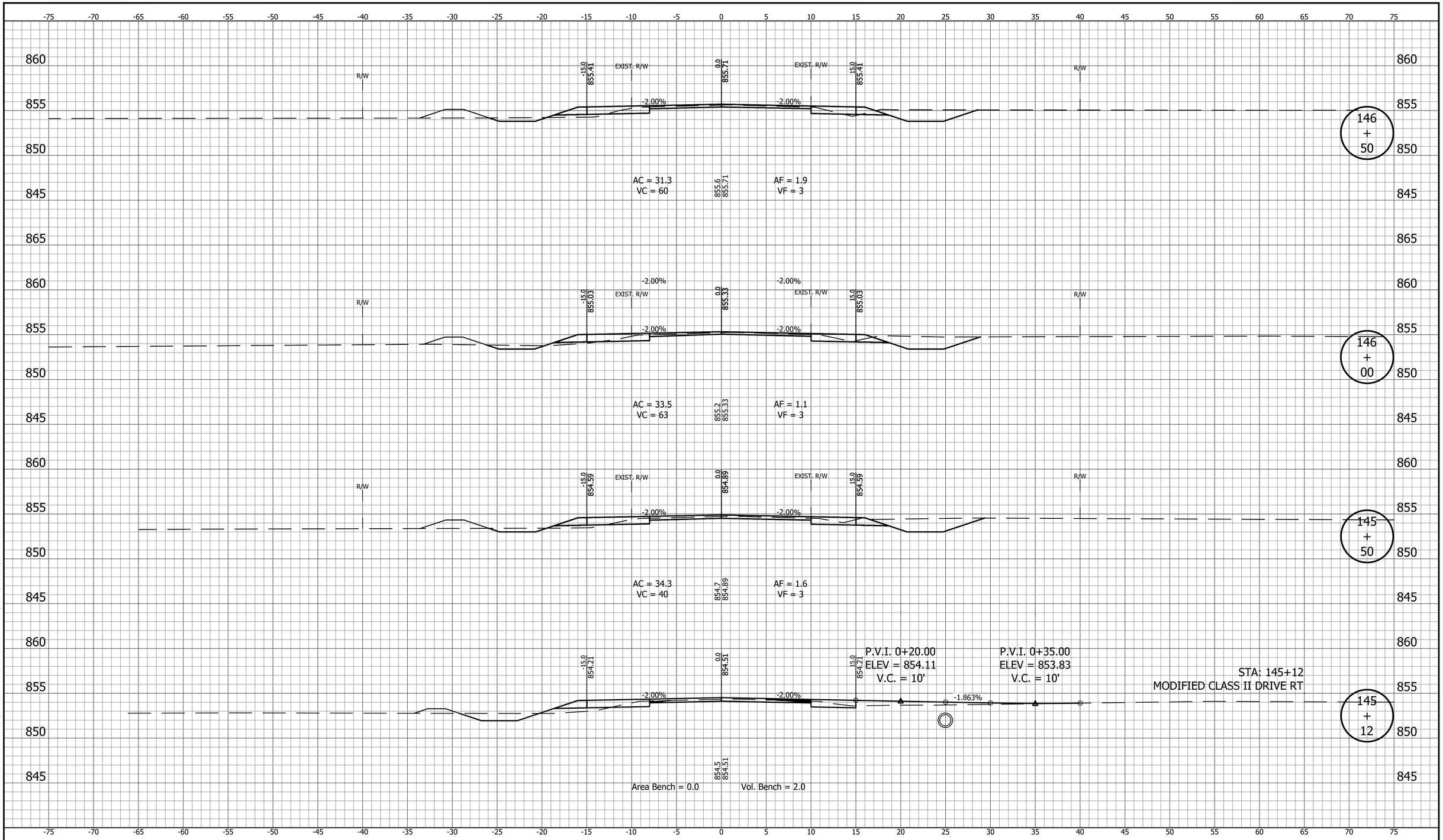
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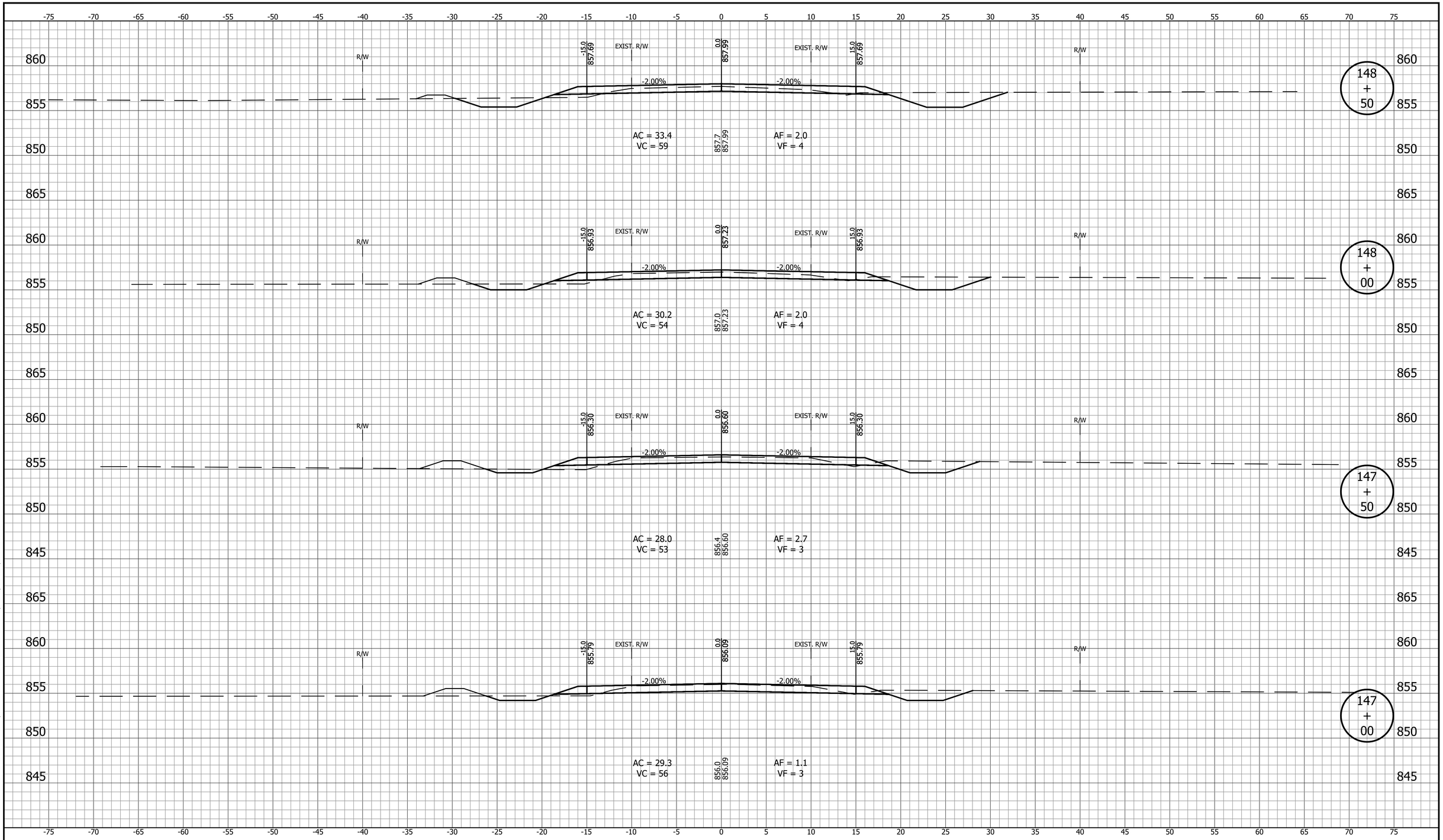
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	CONTRACT
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PUBLIC ROAD APP. LT.

PUBLIC ROAD APP. RT.

-15.0 859.58 | 0.0 859.88 | 15.0 859.58

-2.00% | -2.00%

Str. No. 213

Str. No. 214

149 + 50

AC = 28.8
VC = 9

860.0 859.88

AF = 0.0
VF = 0

PUBLIC ROAD APP. LT.

PUBLIC ROAD APP. RT.

P.V.I. 0+20.00
ELEV = 859.32
V.C. = 10'

P.V.I. 0+92.90
ELEV = 860.17
V.C. = 10'

-15.0 859.42 | 15.0 859.27

LINE "PR-A"
℄ OF CONSTRUCTION

-2.00% | -2.00% | +1.17%

Str. No. 213

Str. No. 214

149 + 42

AC = 29.6
VC = 2

859.9 859.72

AF = 0.0
VF = 0

CROOKED CREEK AVENUE APPROACH

PUBLIC ROAD APP. LT.

PUBLIC ROAD APP. RT.

P.V.I. 0+93.98
ELEV = 859.56
V.C. = 10'

P.V.I. 0+20.00
ELEV = 859.29
V.C. = 10'

LINE "PR-A"
℄ OF CONSTRUCTION

-15.0 859.39 | 0.0 859.69 | 15.0 859.39

+0.36% | -2.00% | -2.00%

Str. No. 213

Str. No. 214

149 + 41

WHISTLER ROAD APPROACH

PUBLIC ROAD APP. LT.

PUBLIC ROAD APP. RT.

AC = 32.4
VC = 38

AF = 0.0
VF = 0

858.69 858.39

R/W | EXIST. R/W | EXIST. R/W | R/W

-15.0 858.58 | 0.0 858.88 | 15.0 858.58

-2.00% | -2.00%

Str. No. 213

Str. No. 214

149 + 00

AC = 17.5
VC = 47

858.7 858.88

AF = 0.0
VF = 2

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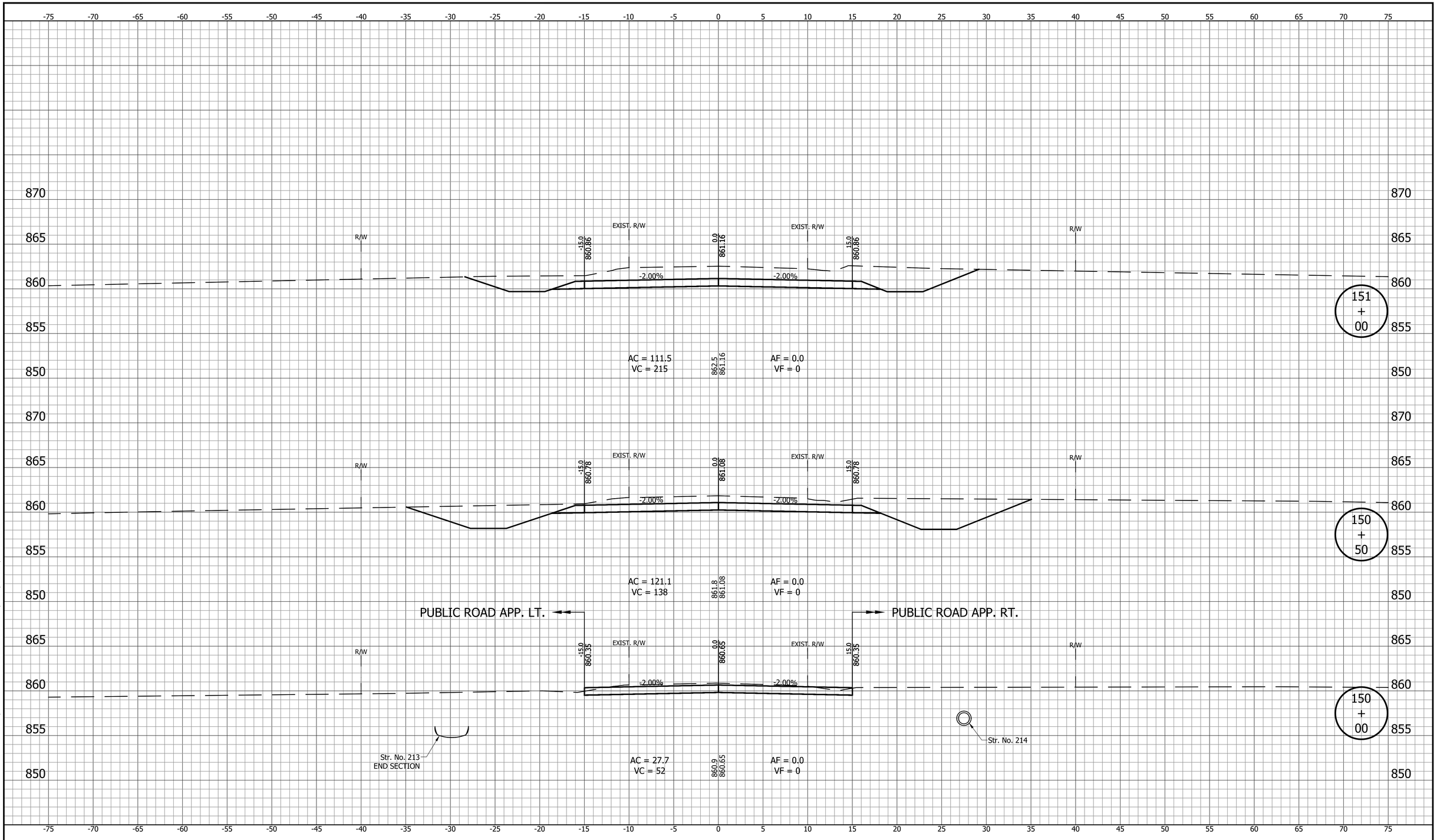
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INDIANA
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CROSS SECTIONS
LINE "PR-A"

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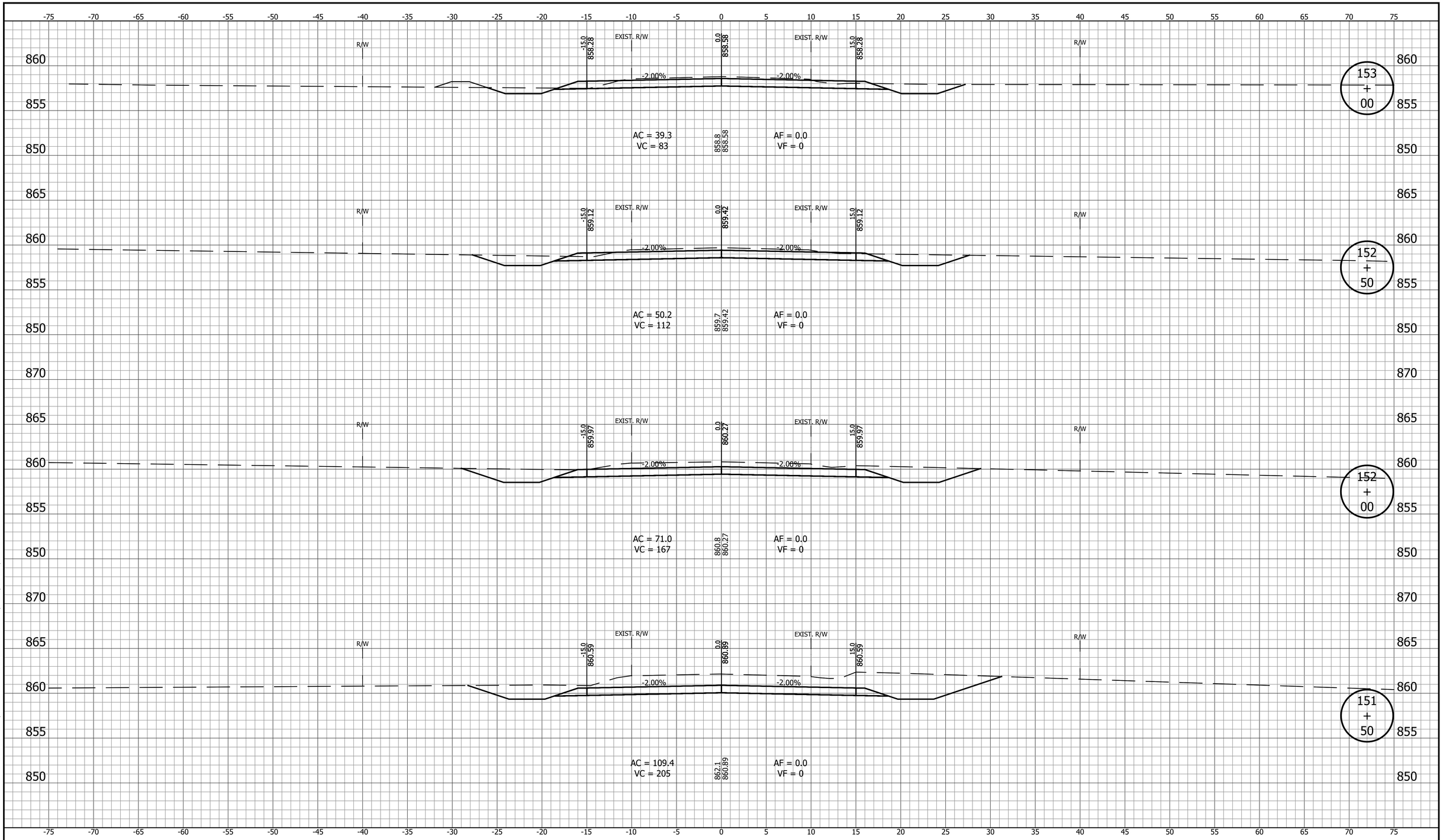
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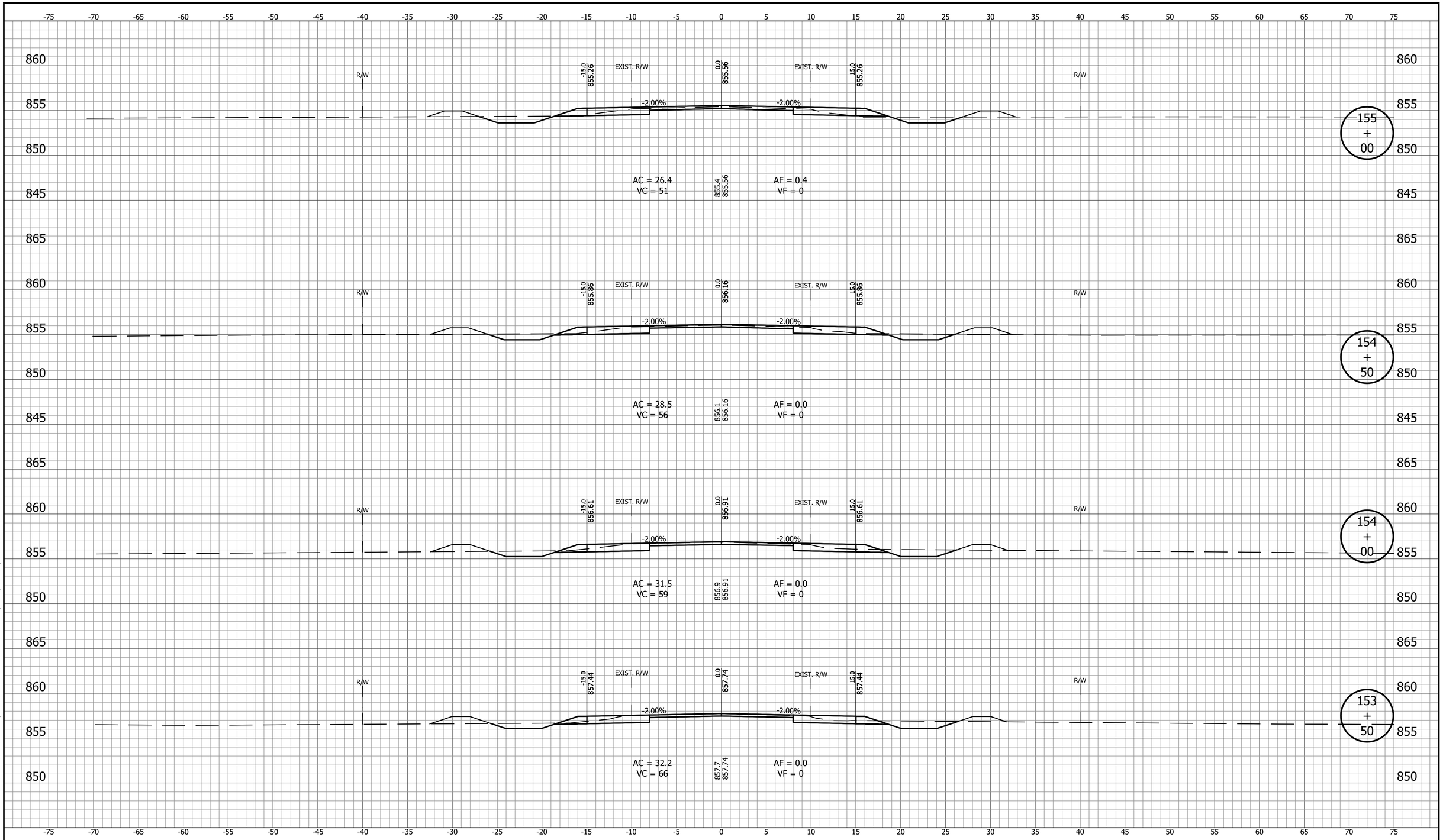
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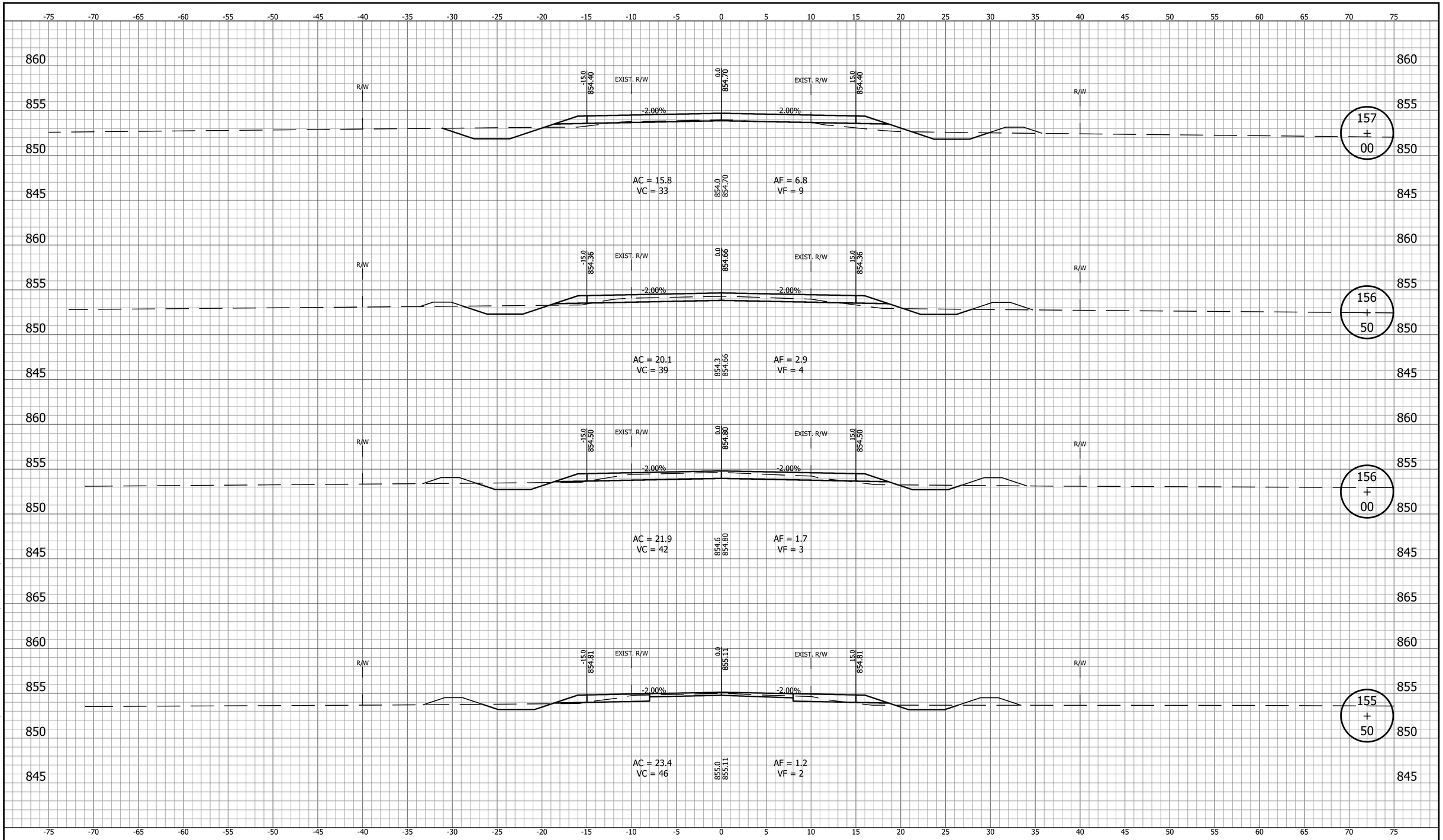
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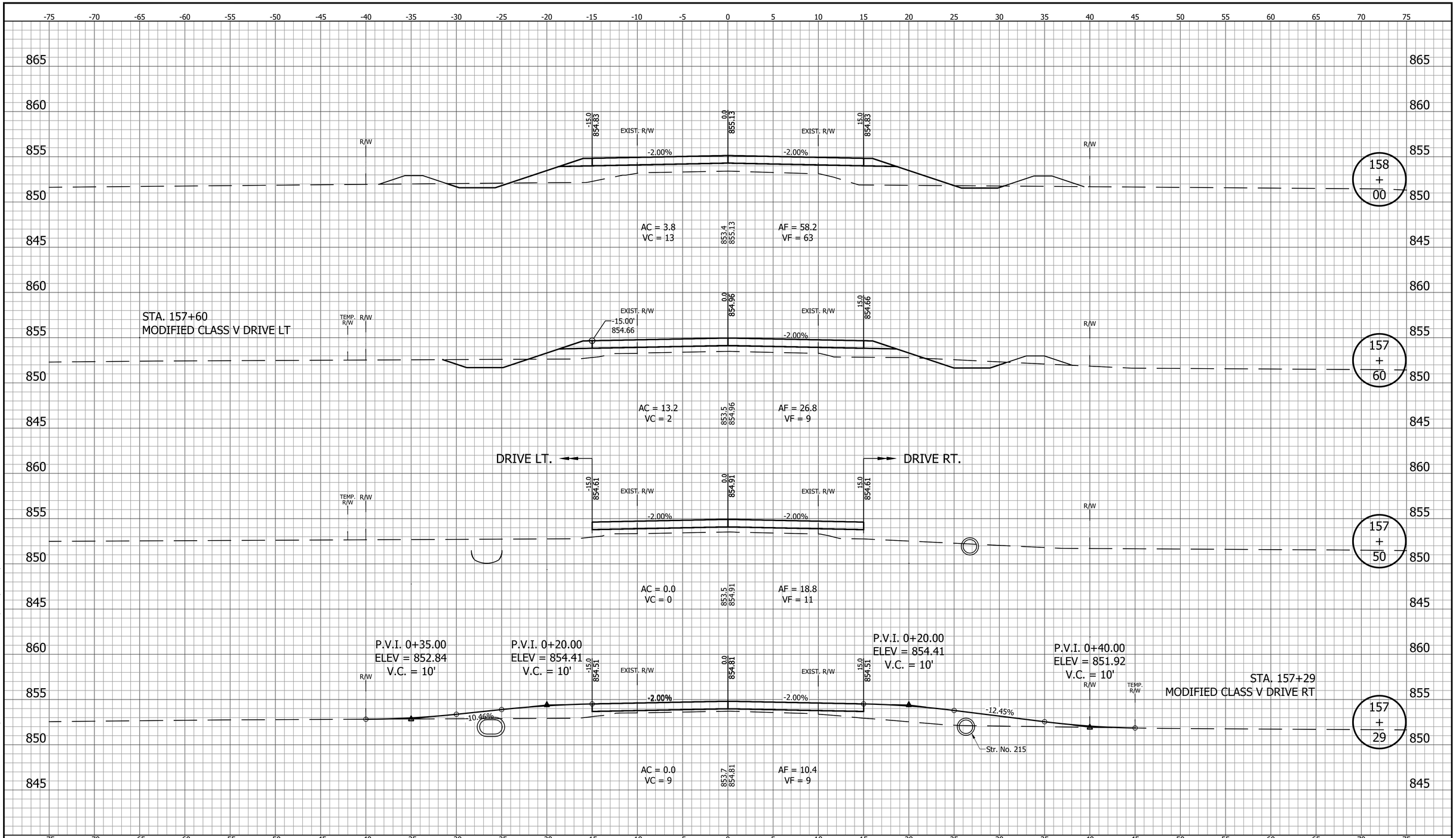
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CHECKED: RDS 5/19/2026 CHECKED: YZ 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	149 of 194
	CONTRACT
	R-43619



PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 4/16/26 - 11:17 AM EDITED BY: EBYERS DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\10 X-SECS\RD-SHTS-XSECS.DWG

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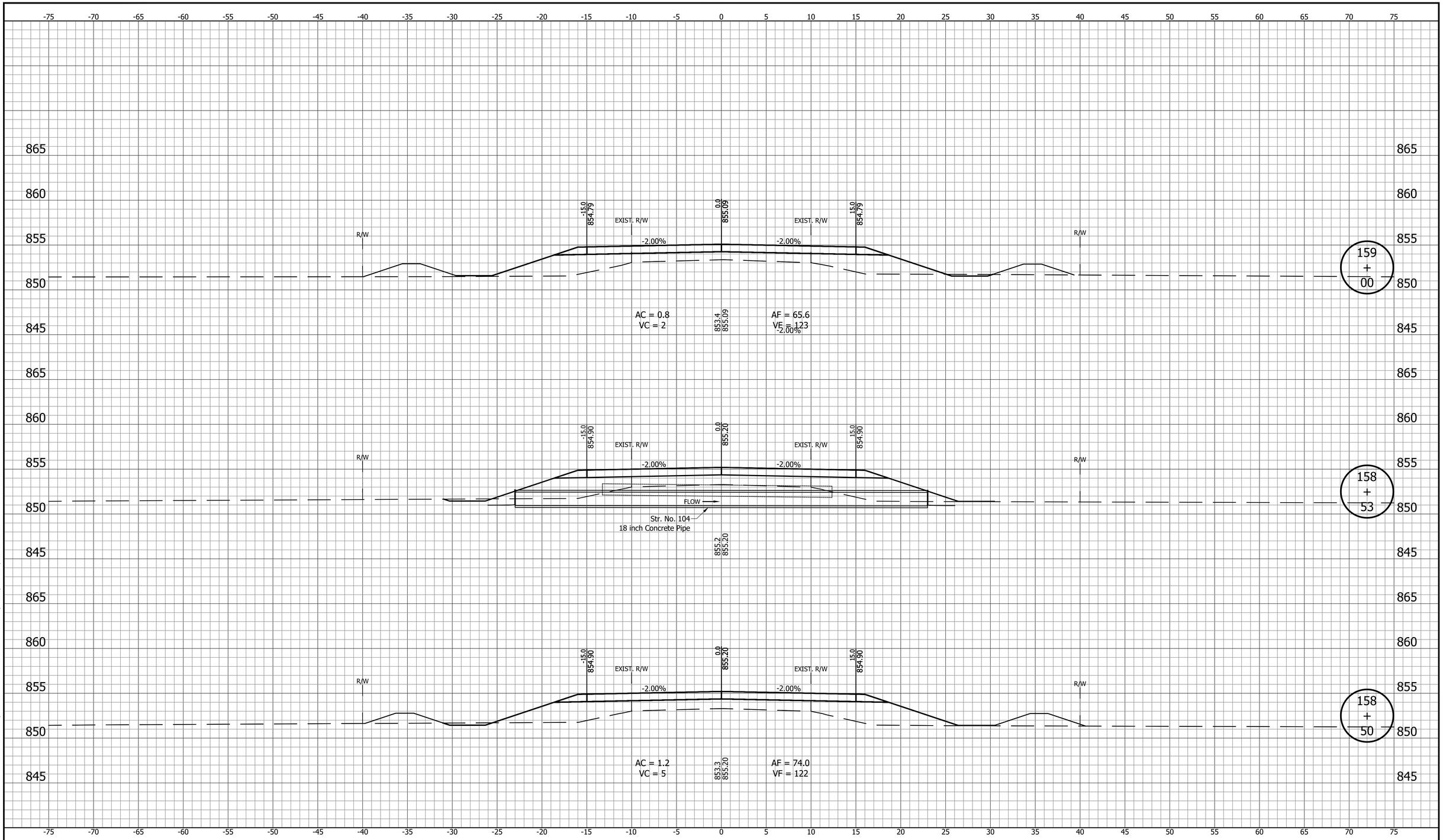
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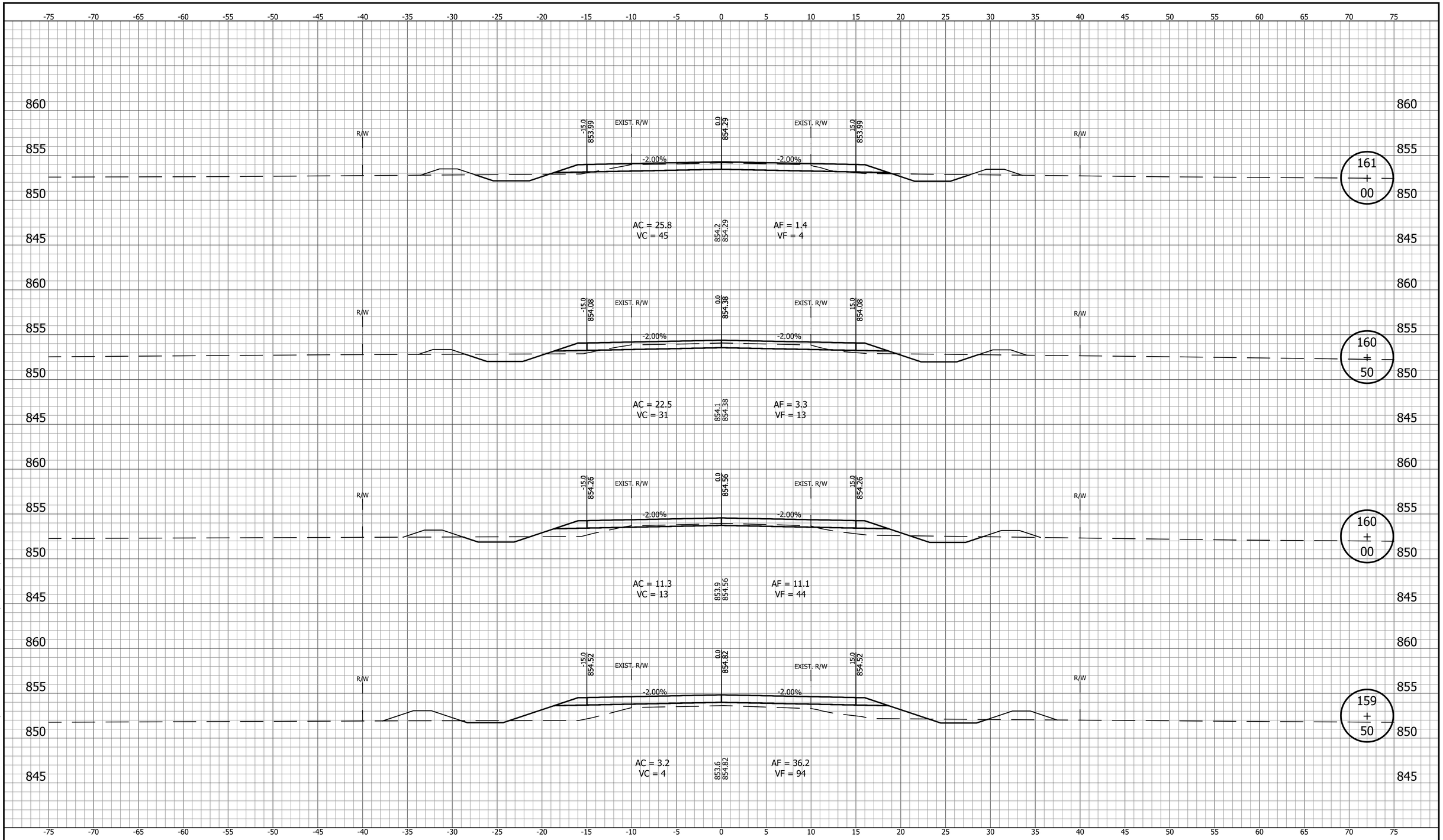
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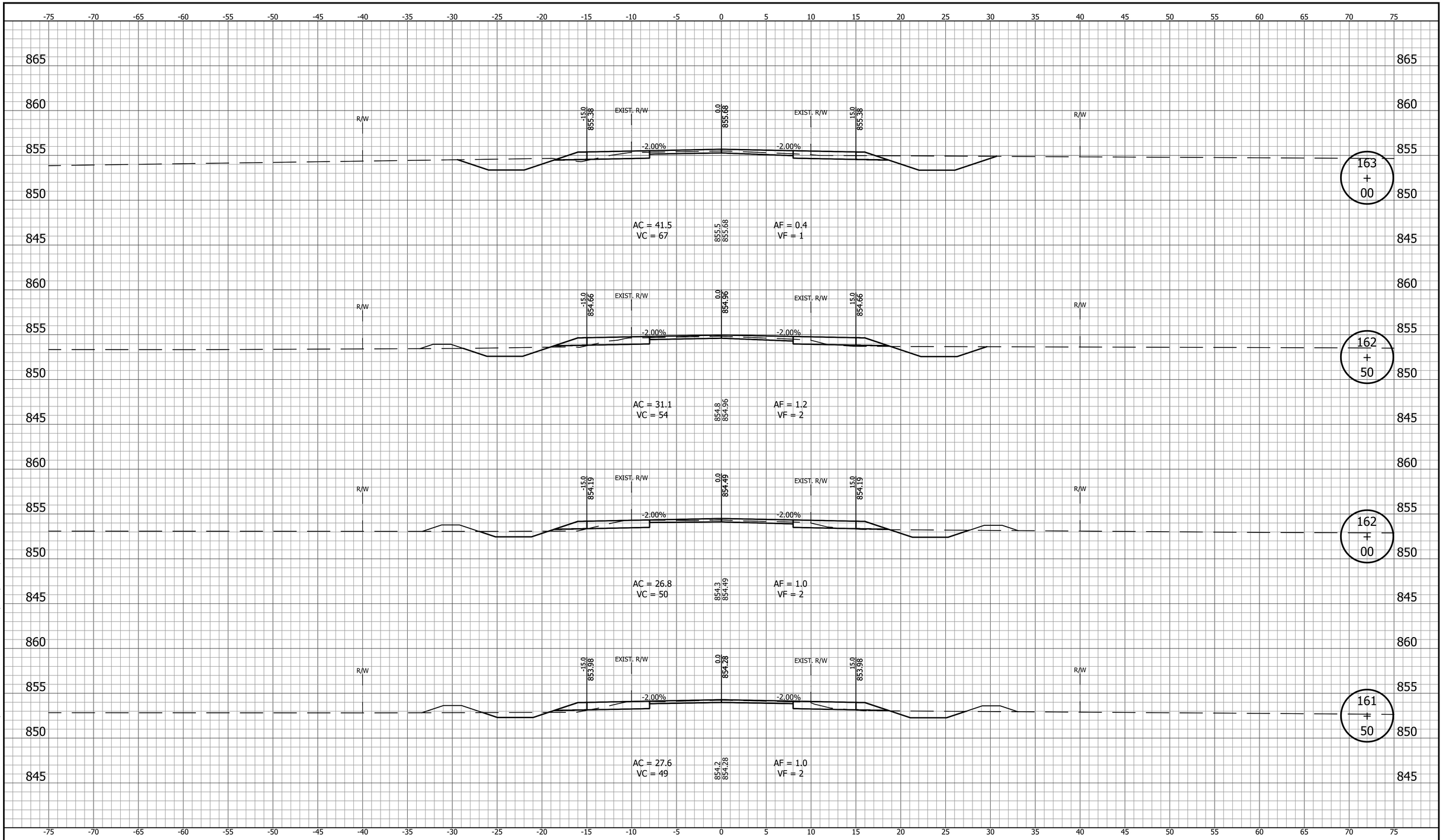
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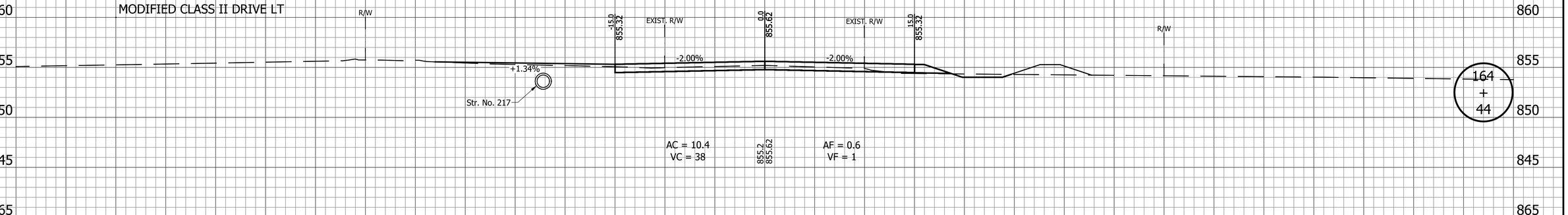
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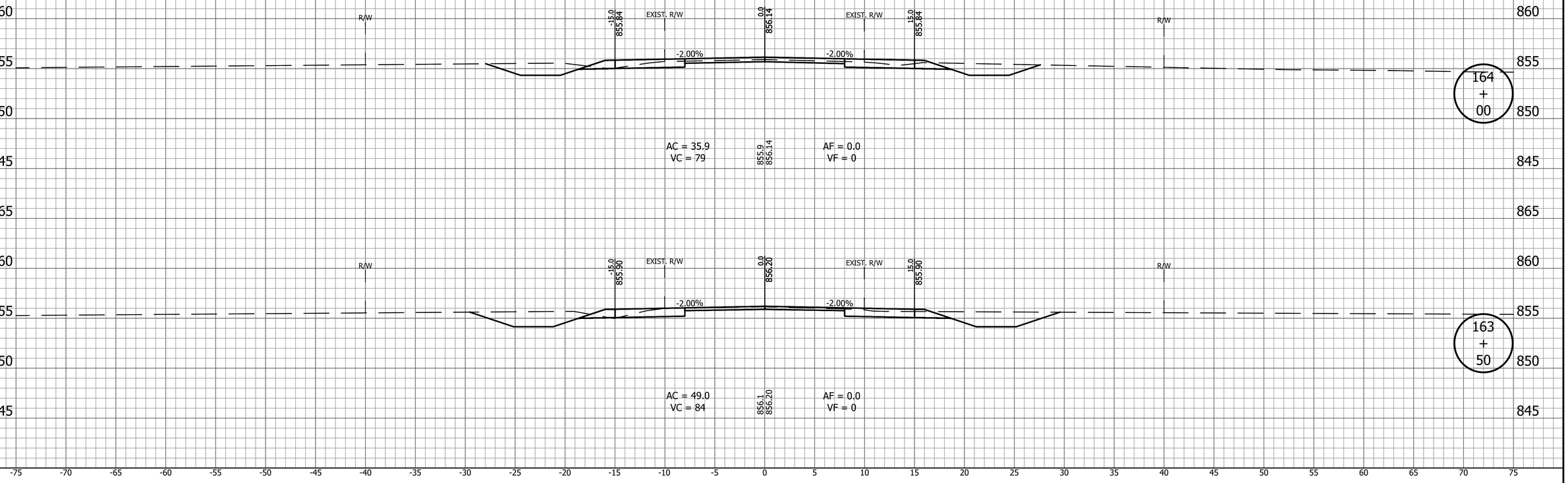
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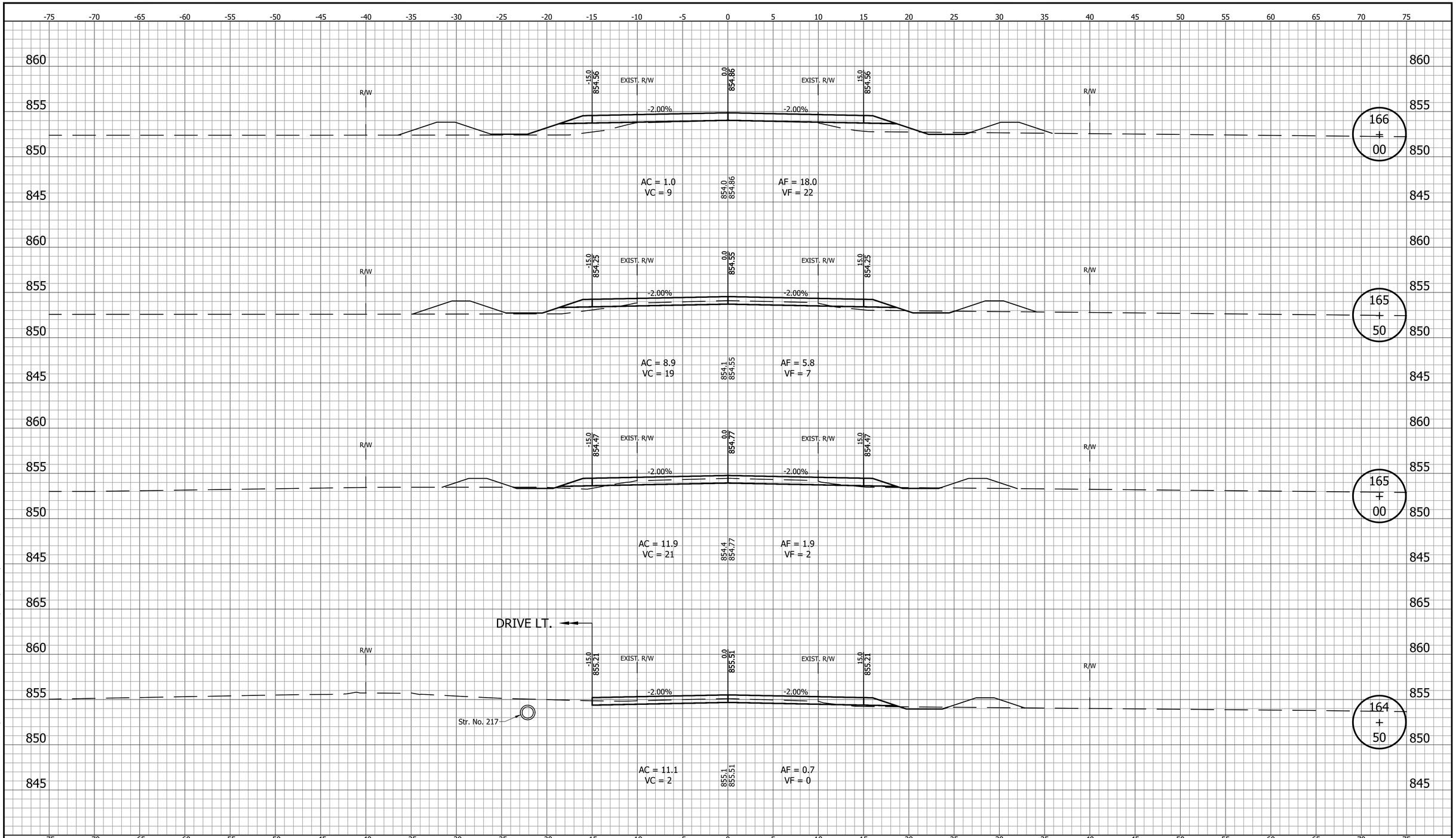
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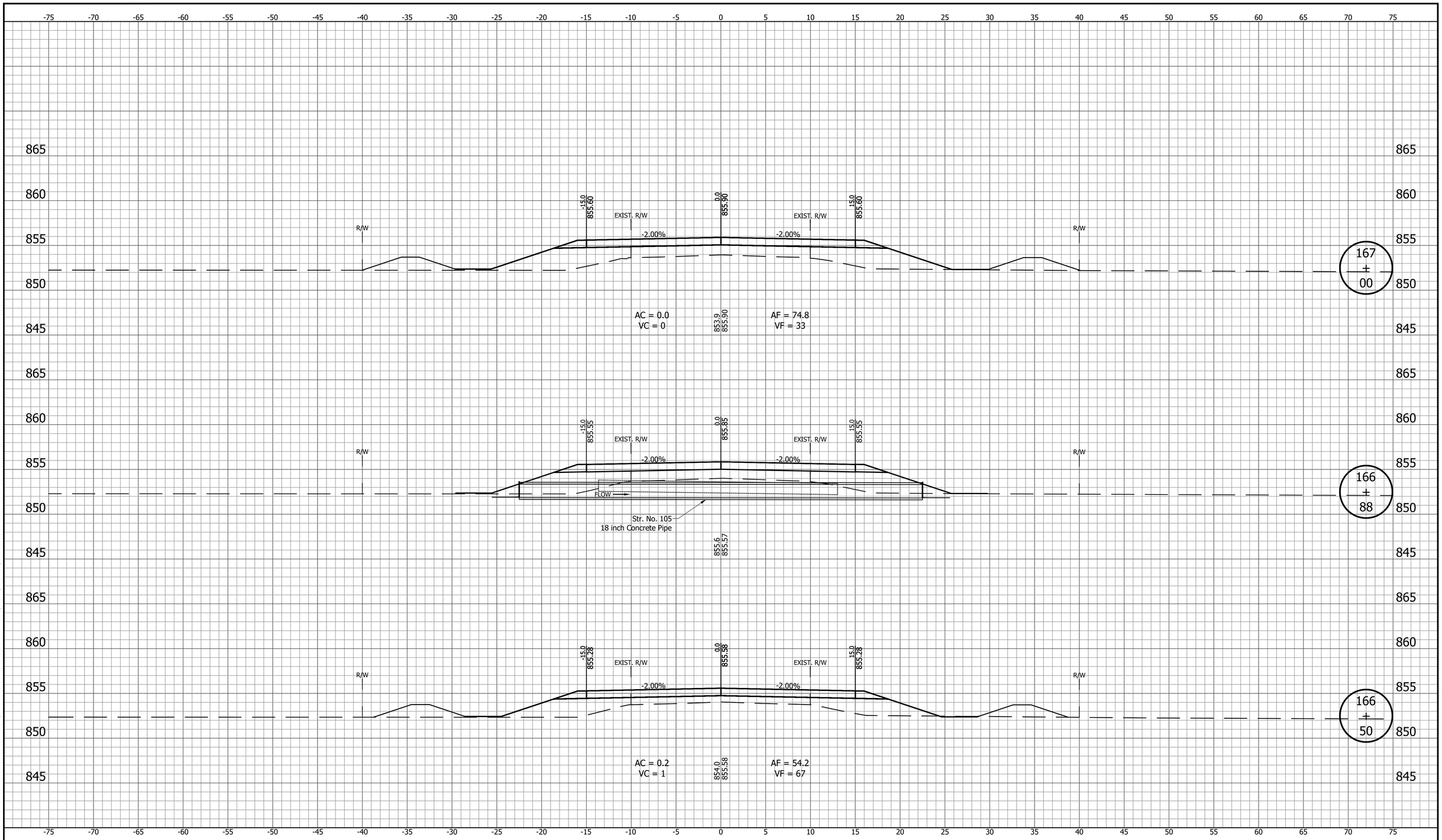
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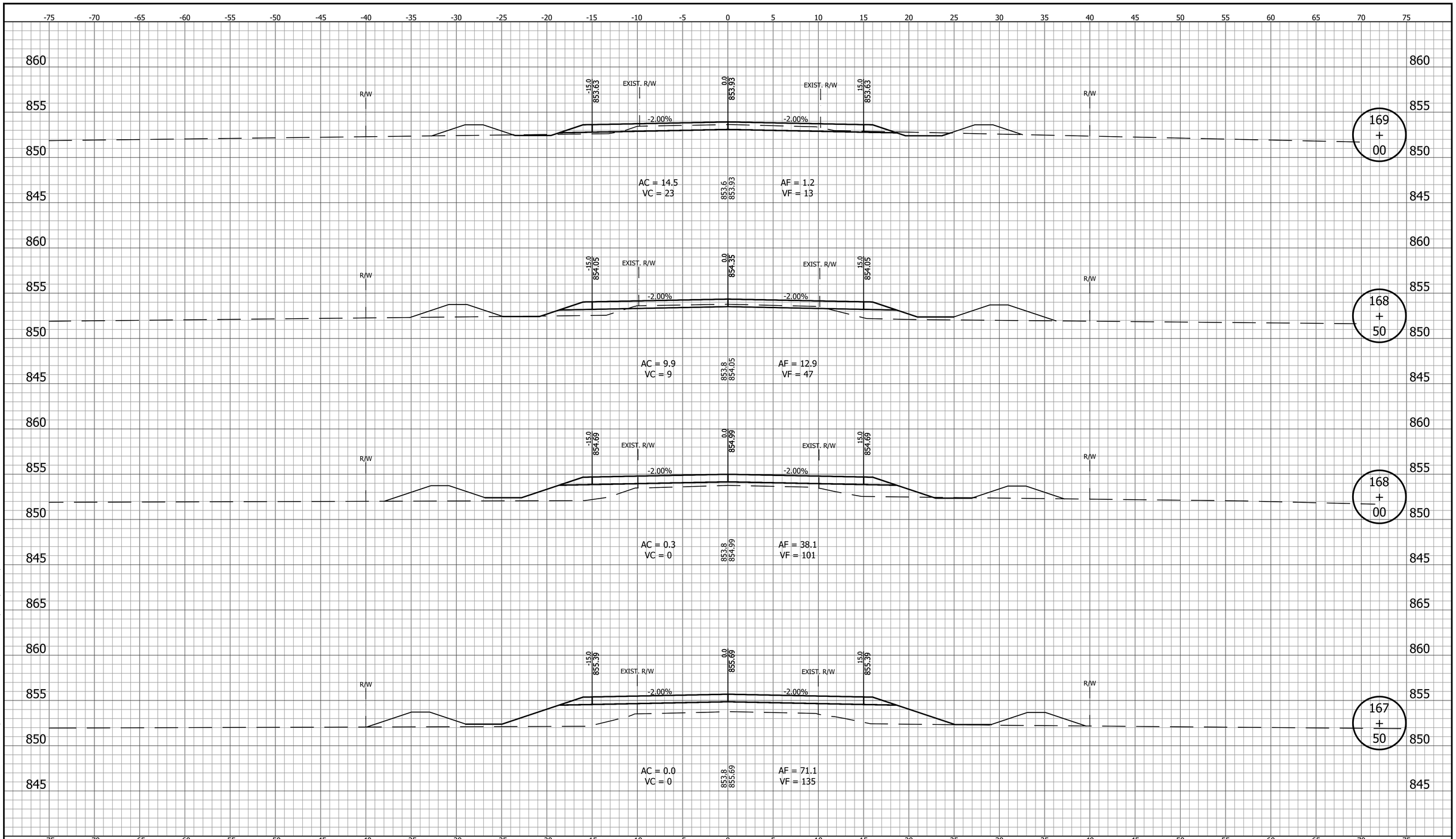
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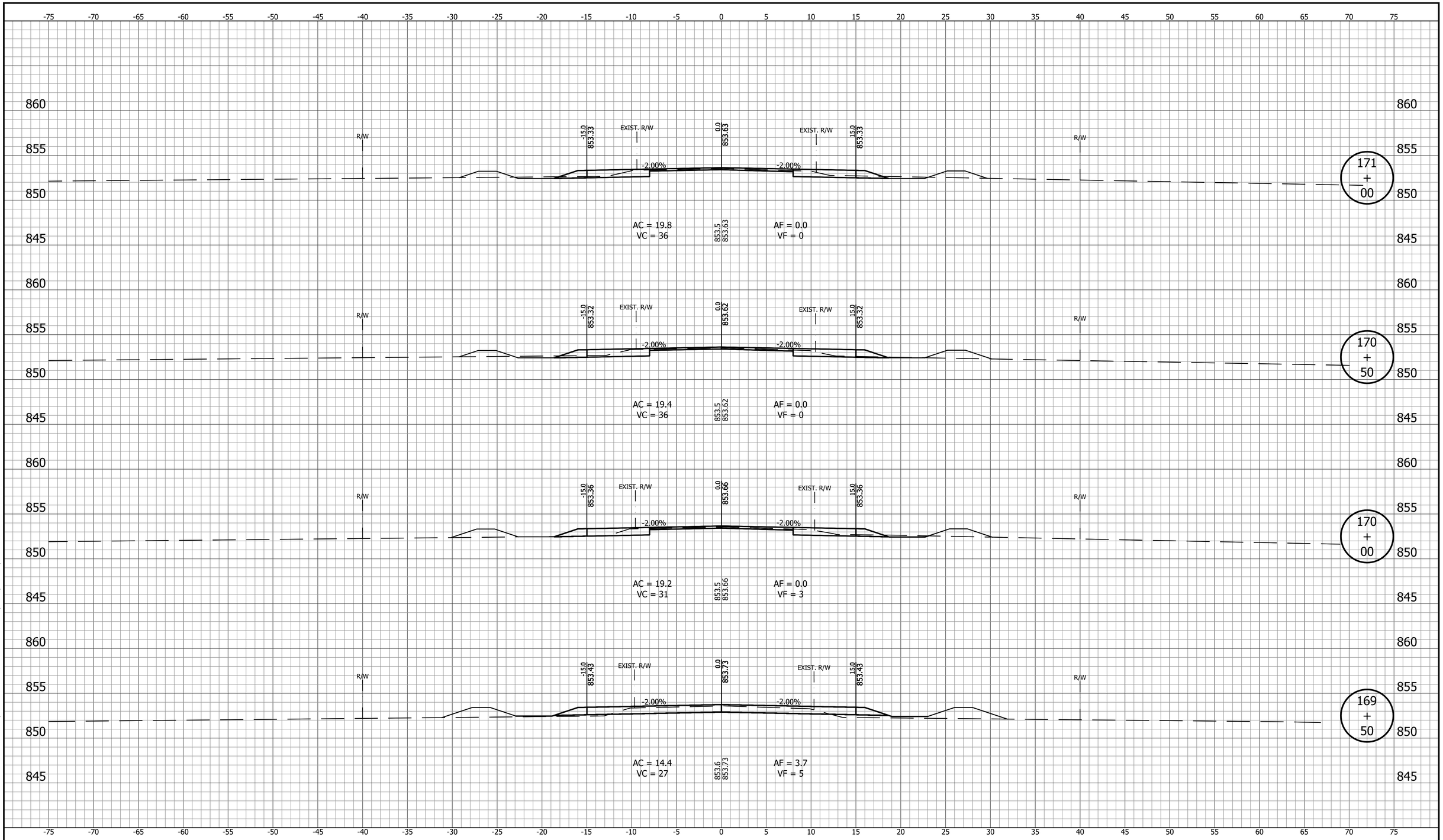
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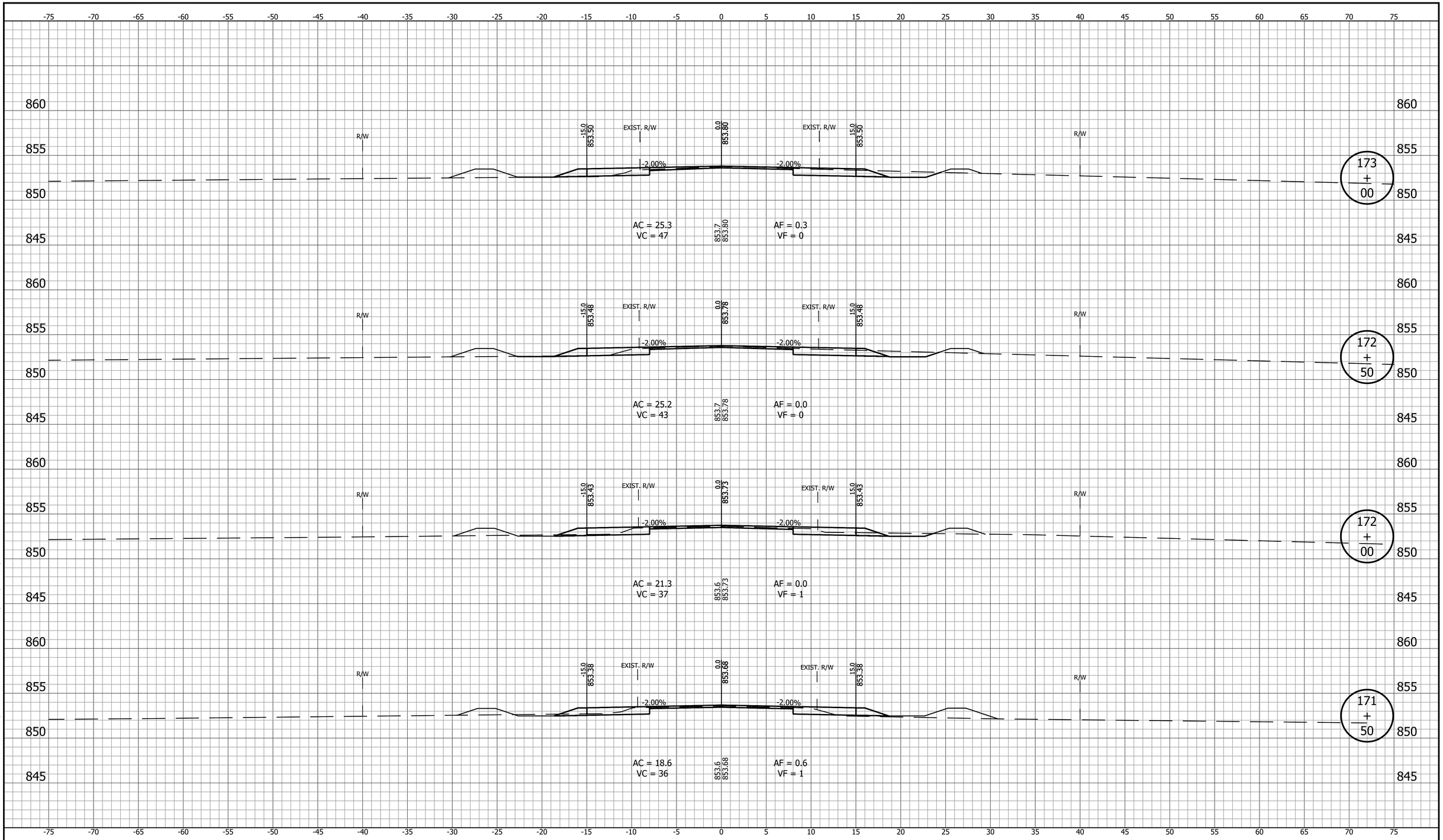
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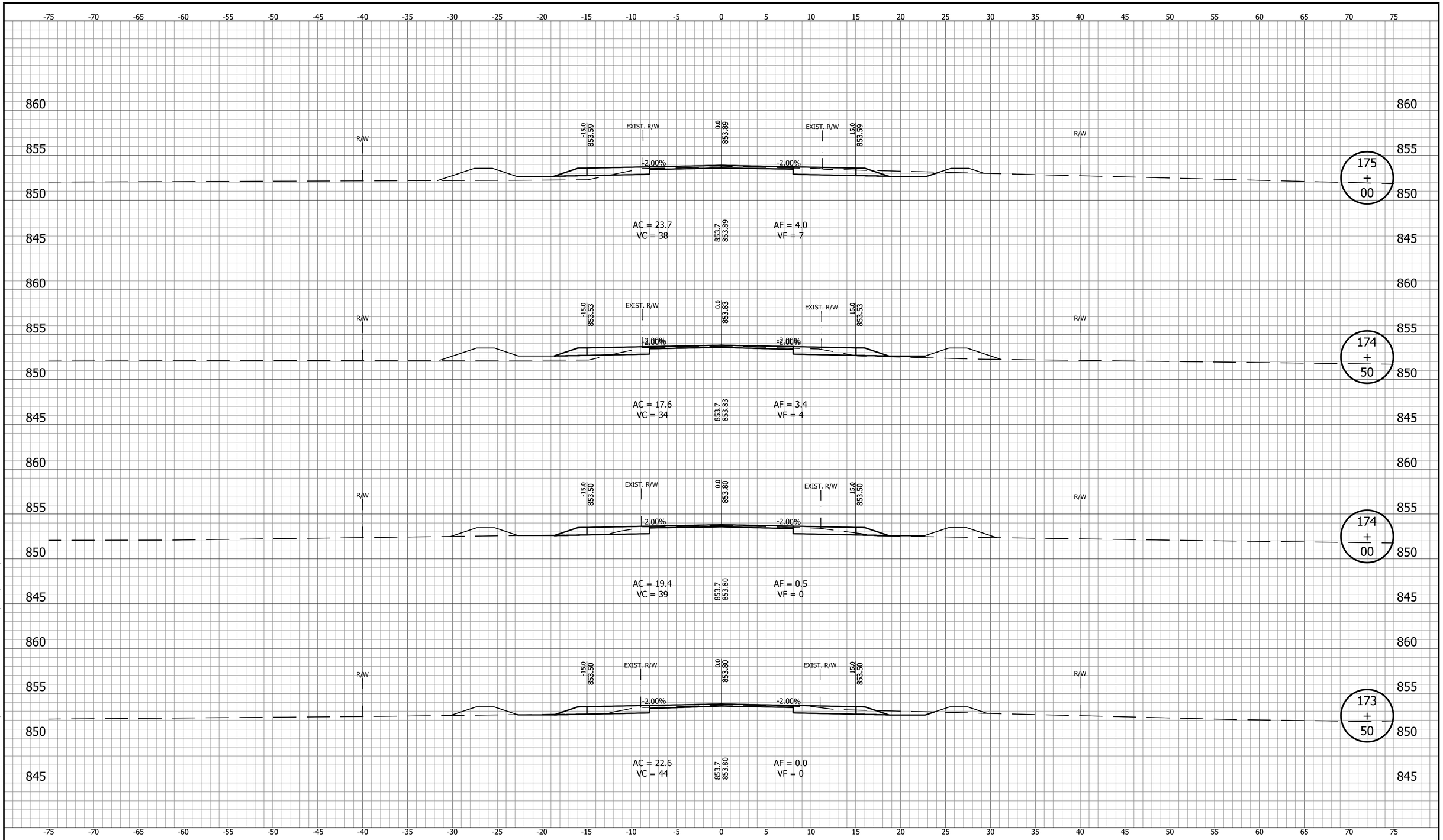
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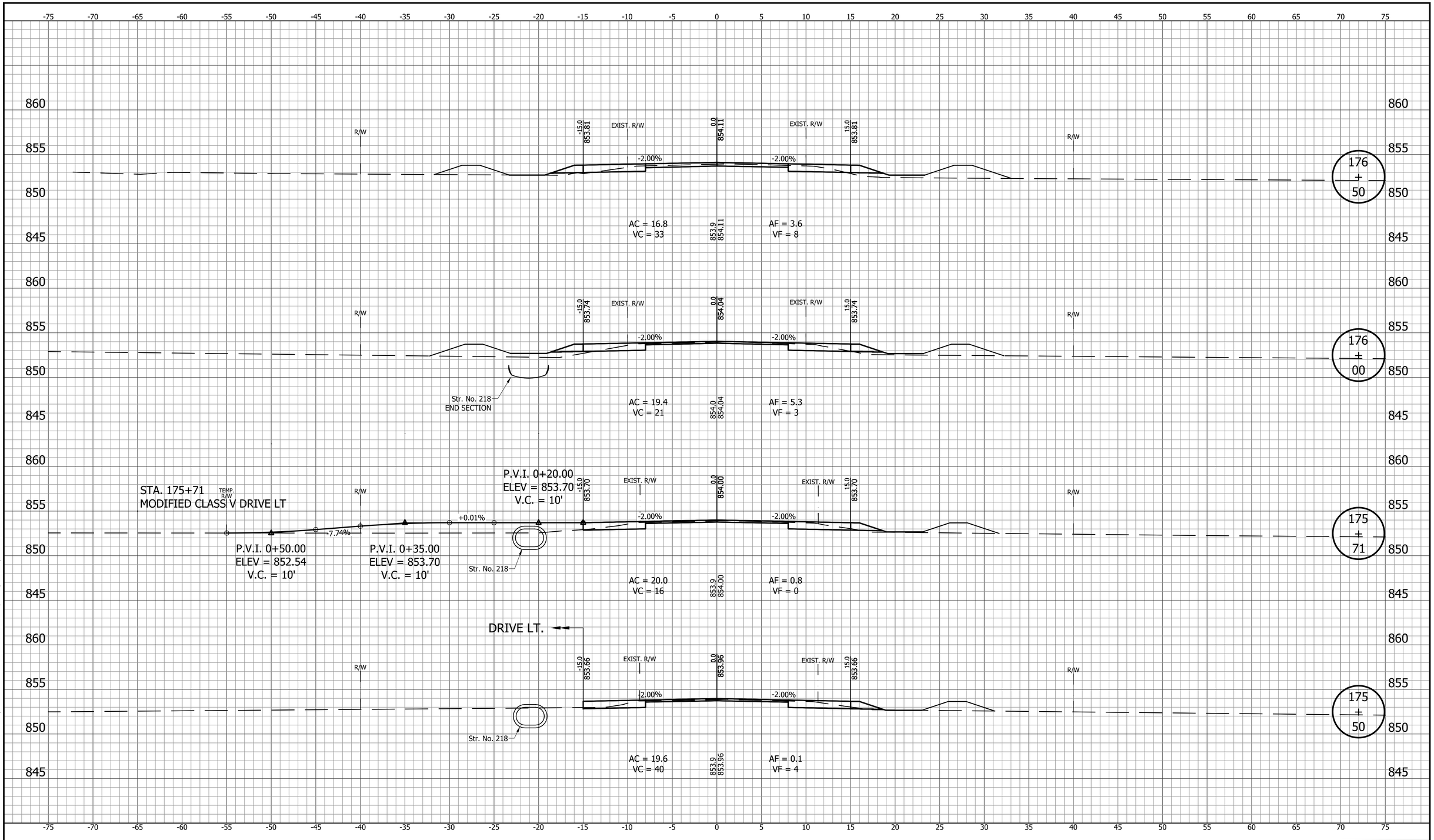
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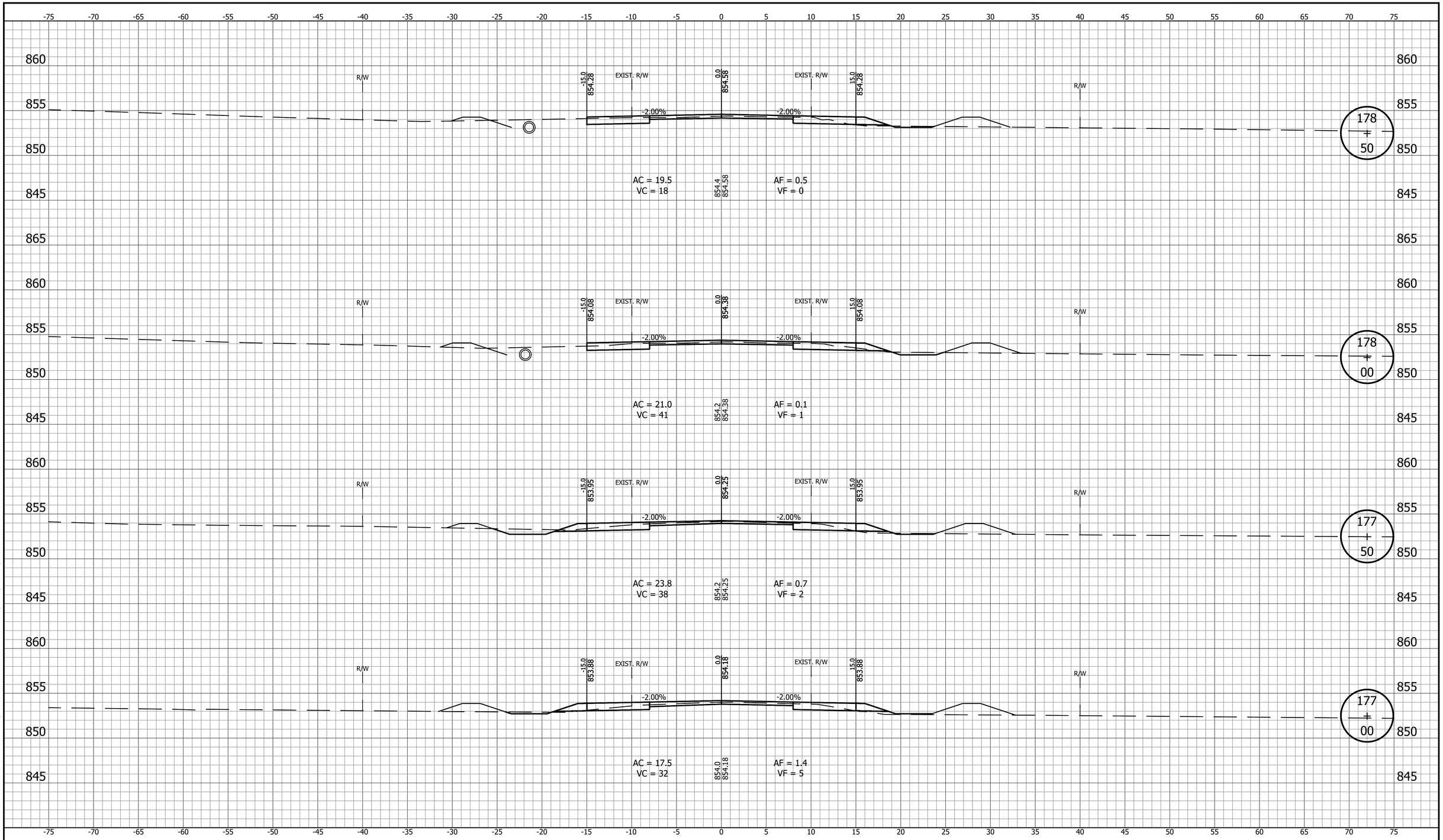
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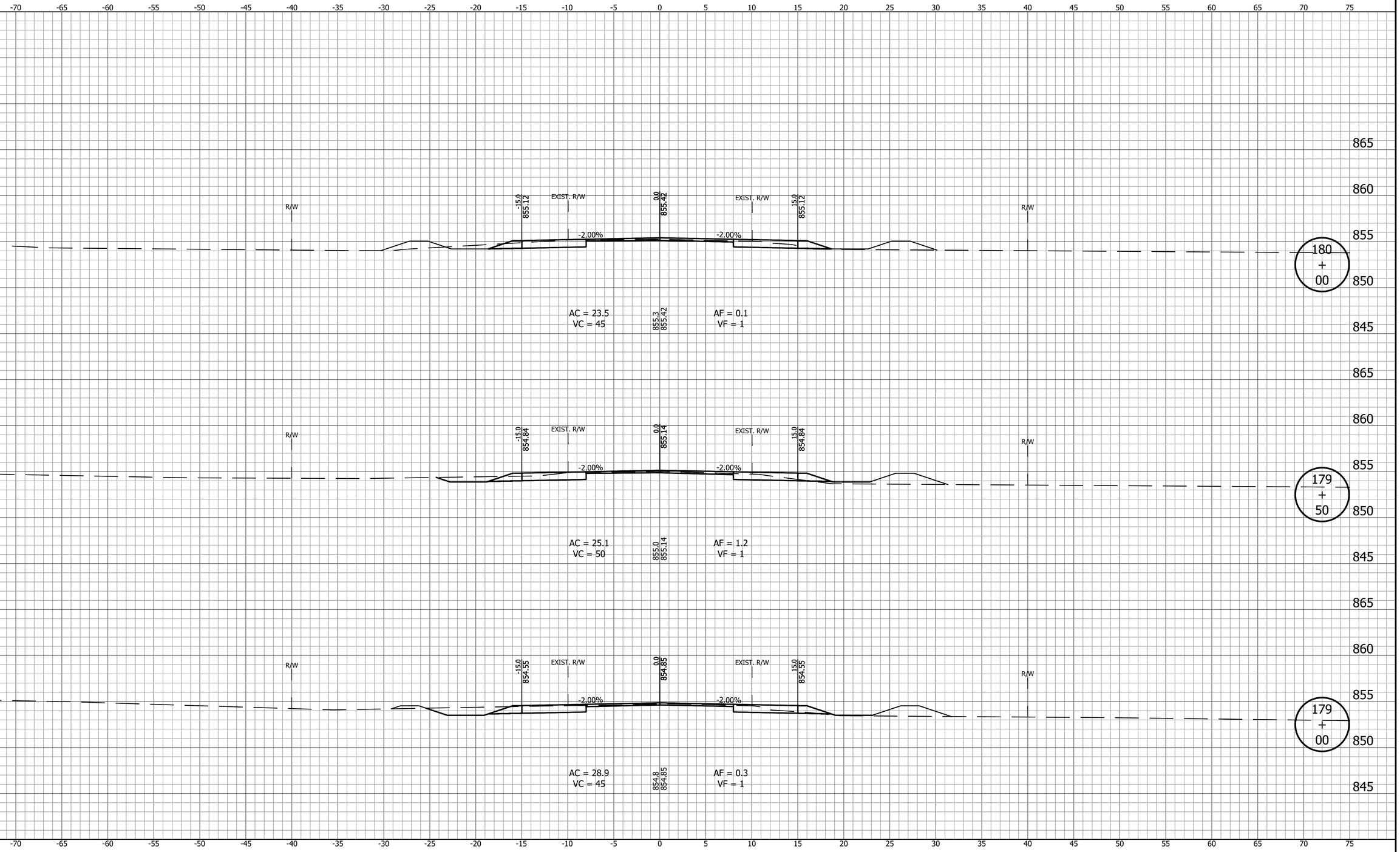
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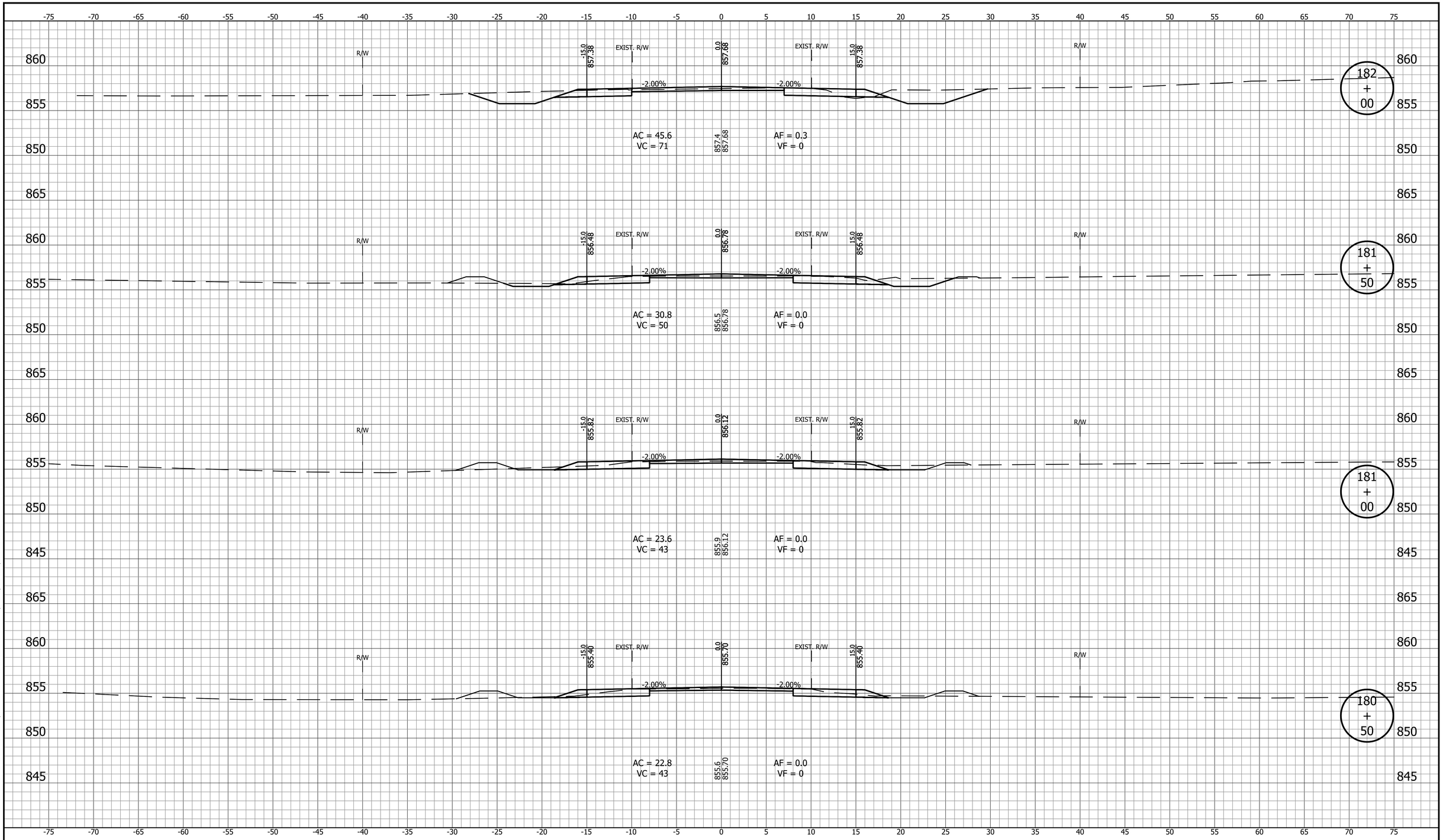
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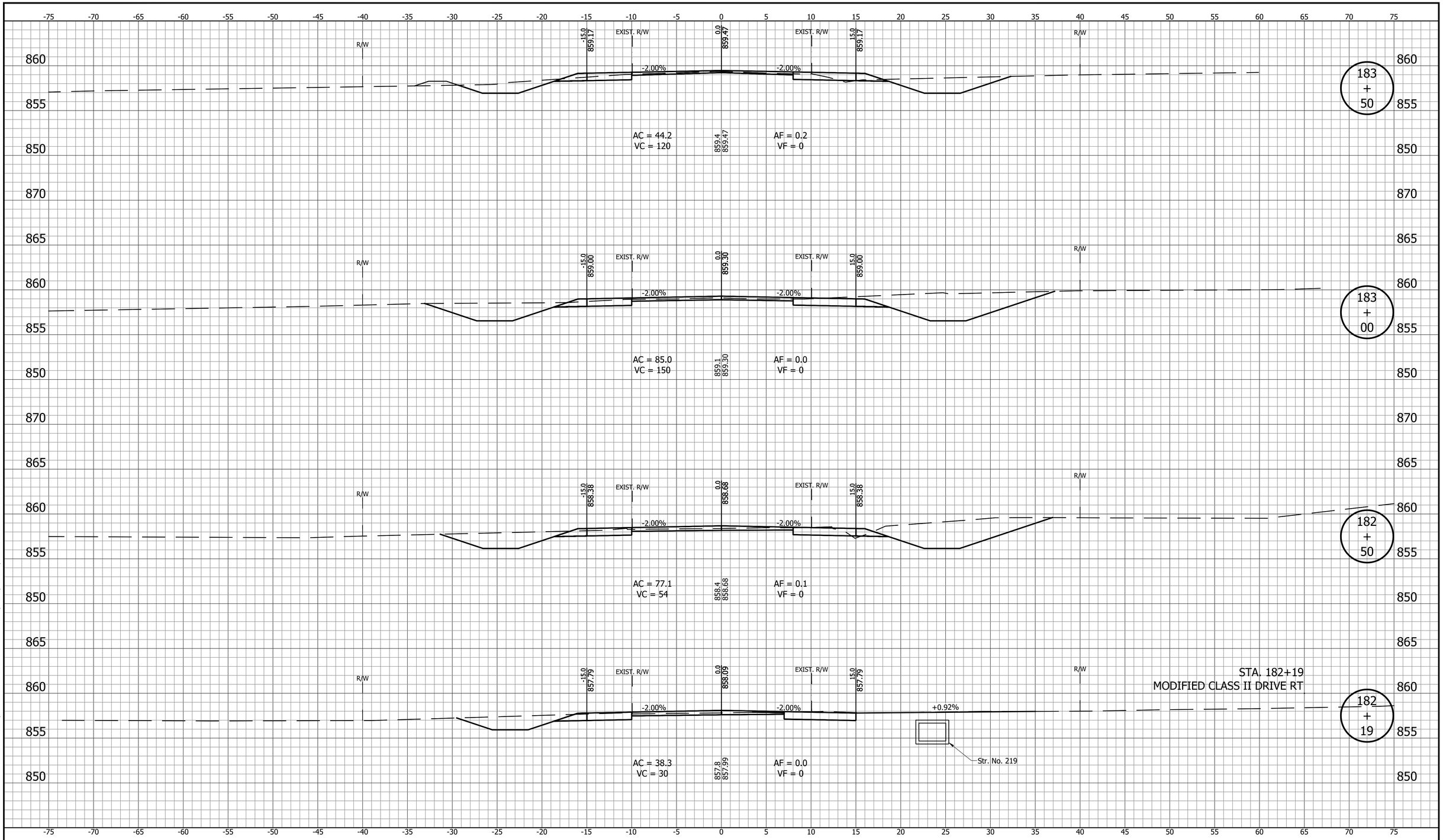
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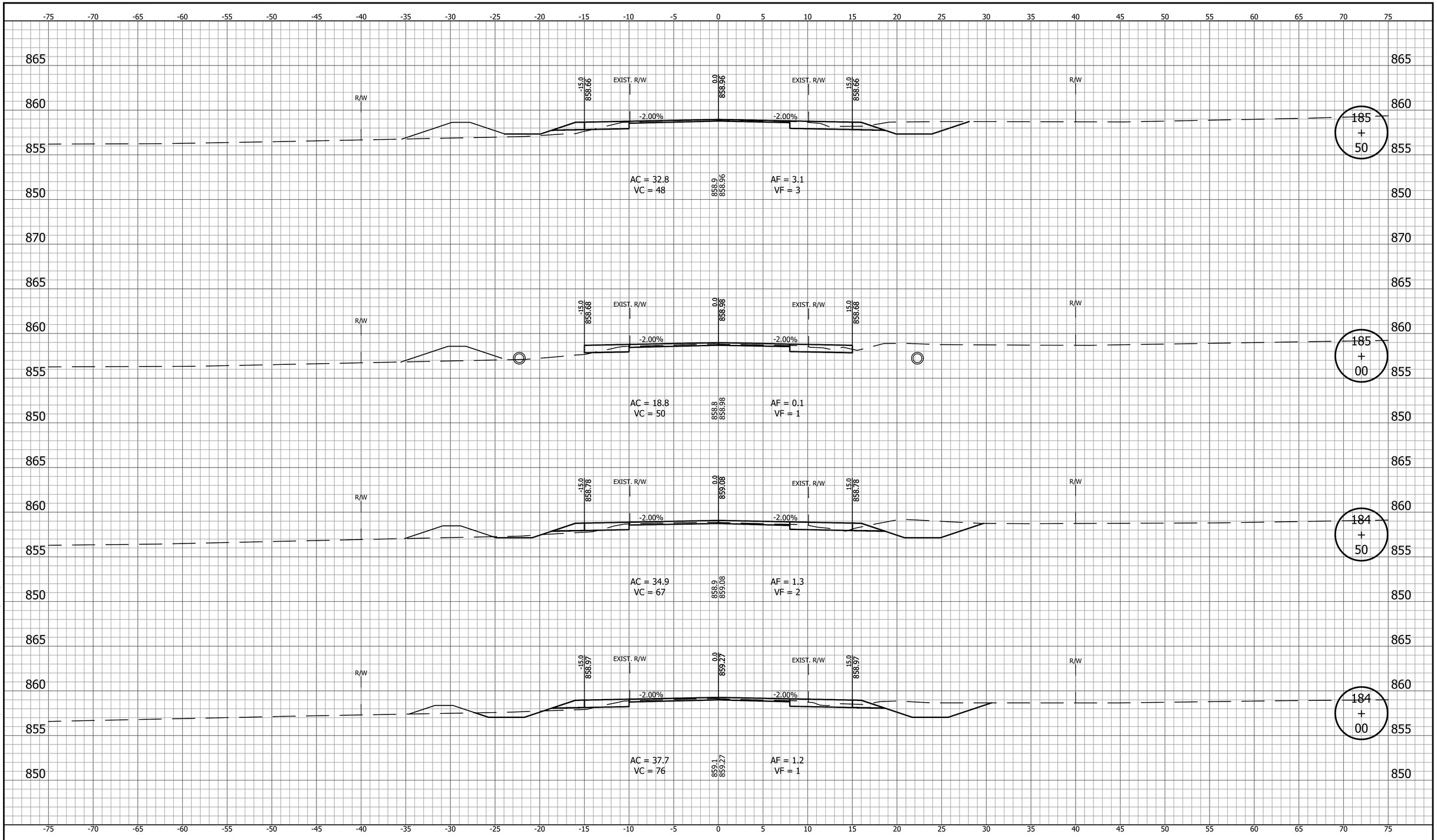
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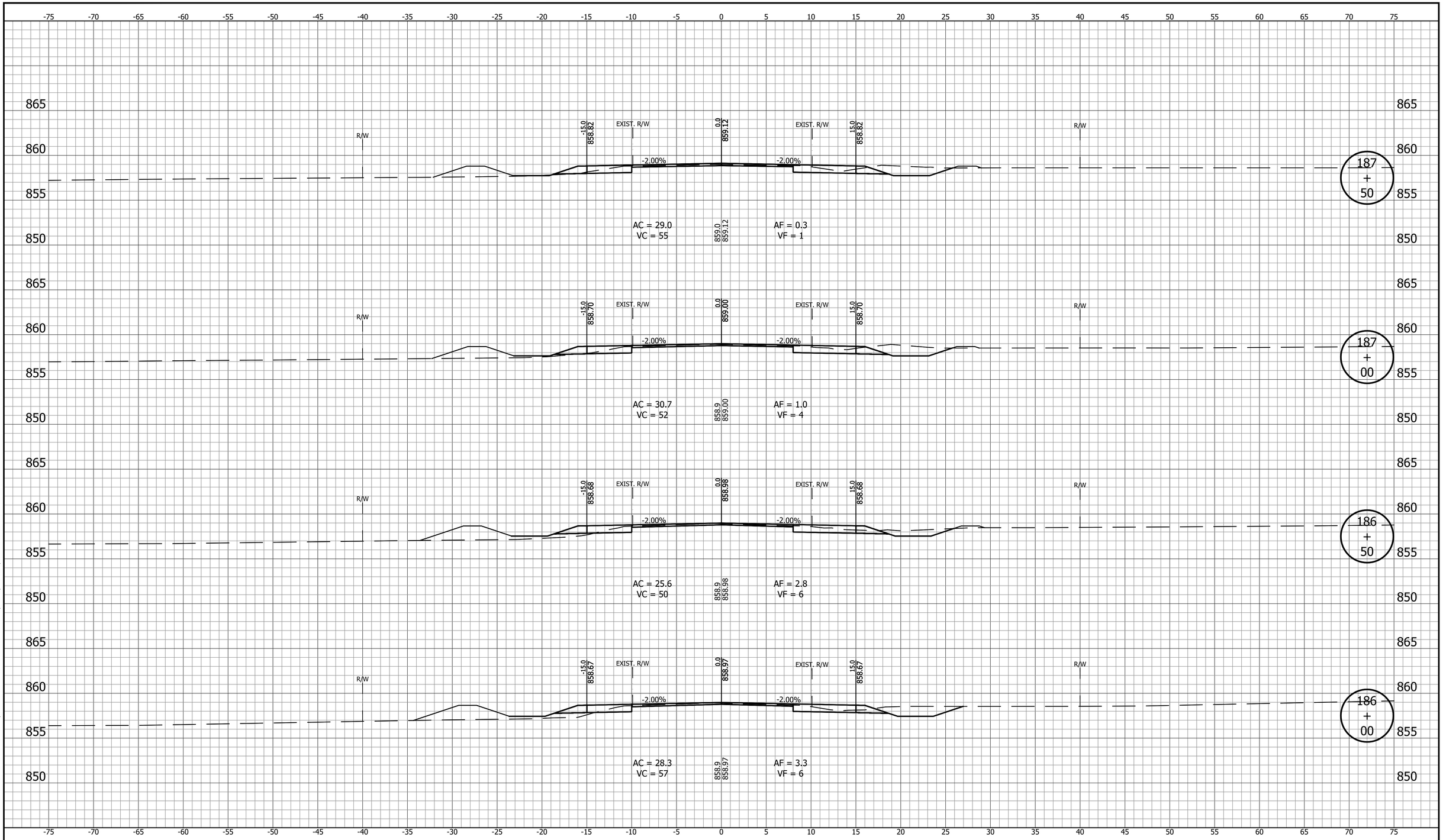
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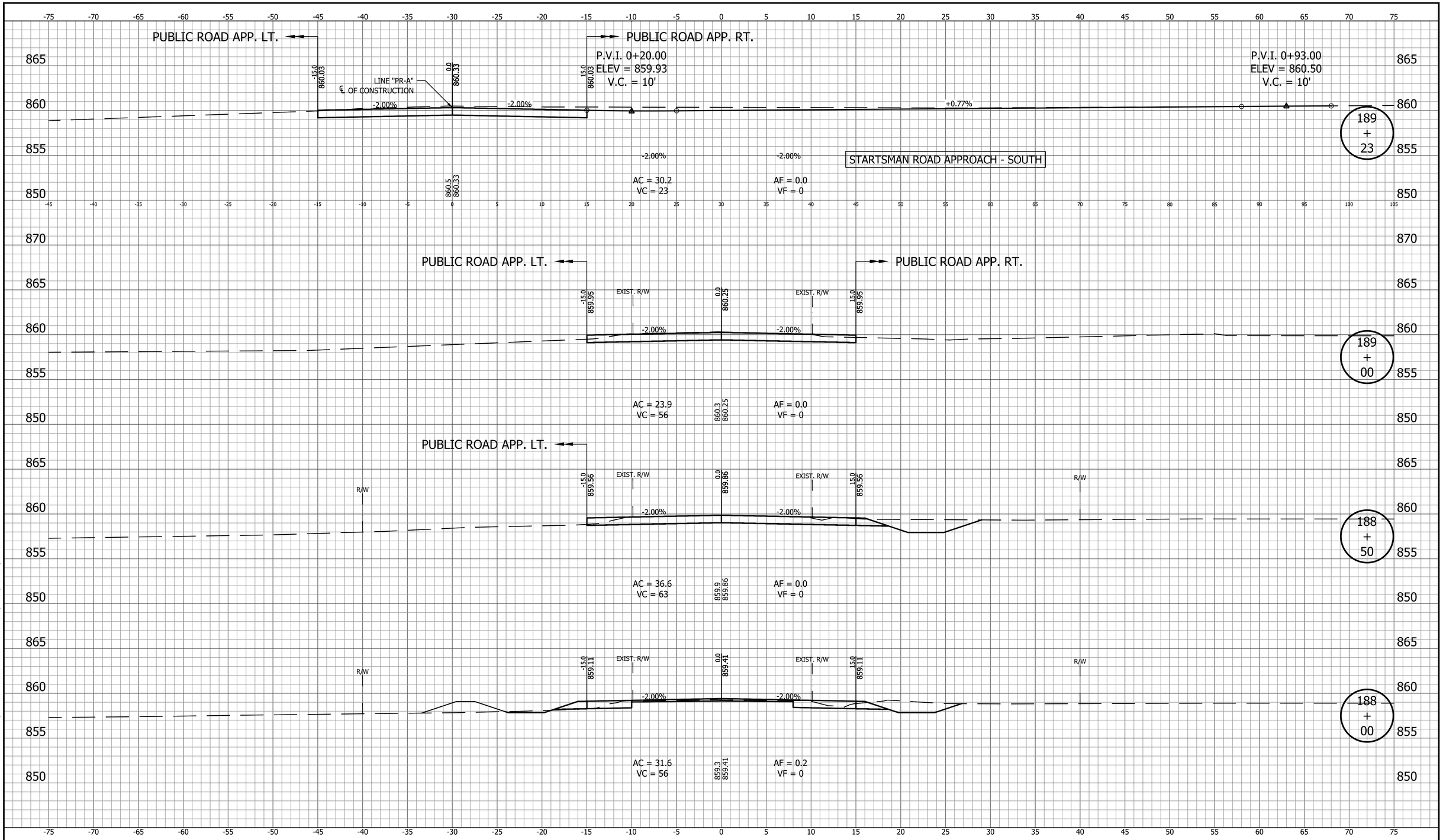
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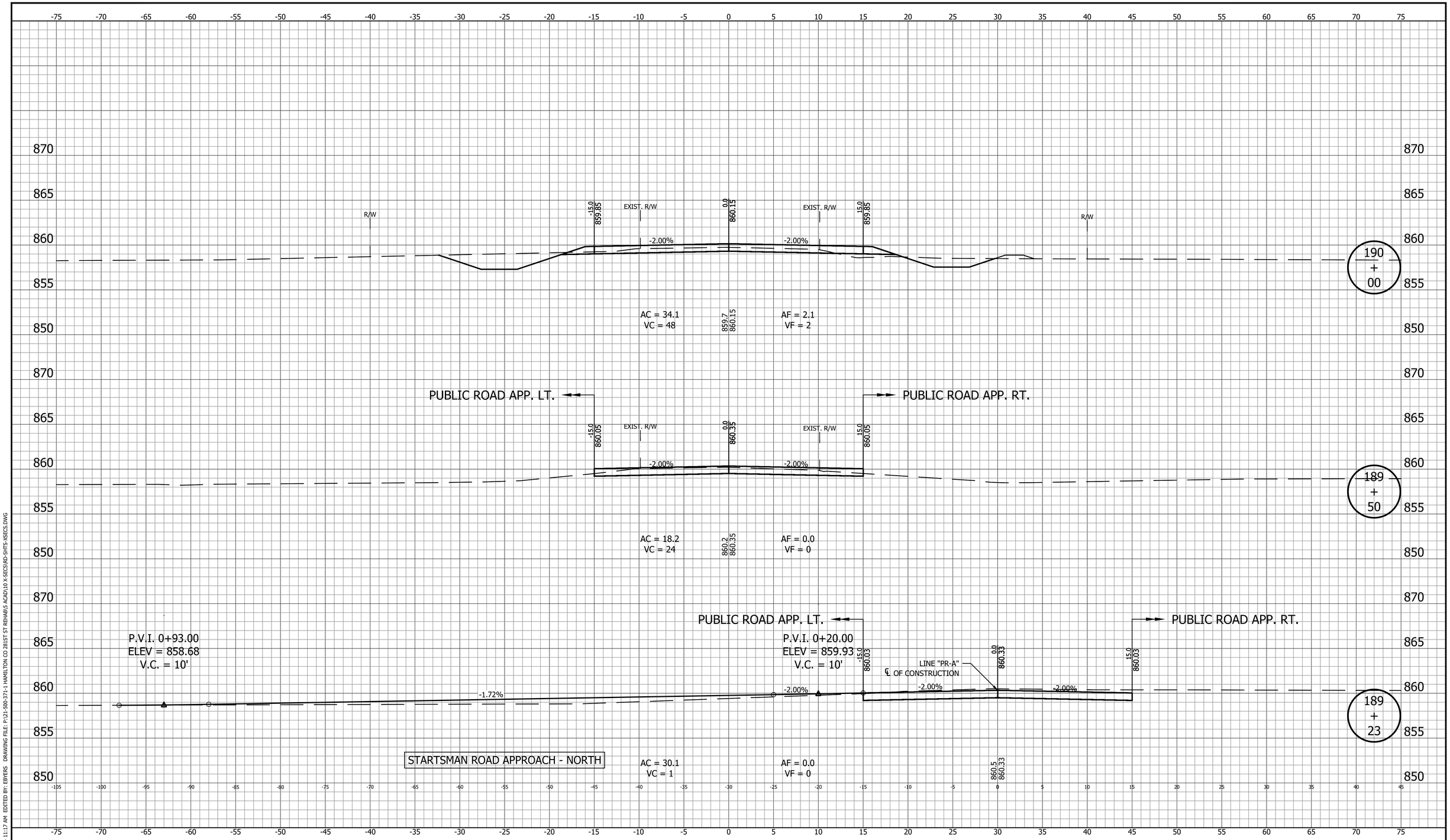
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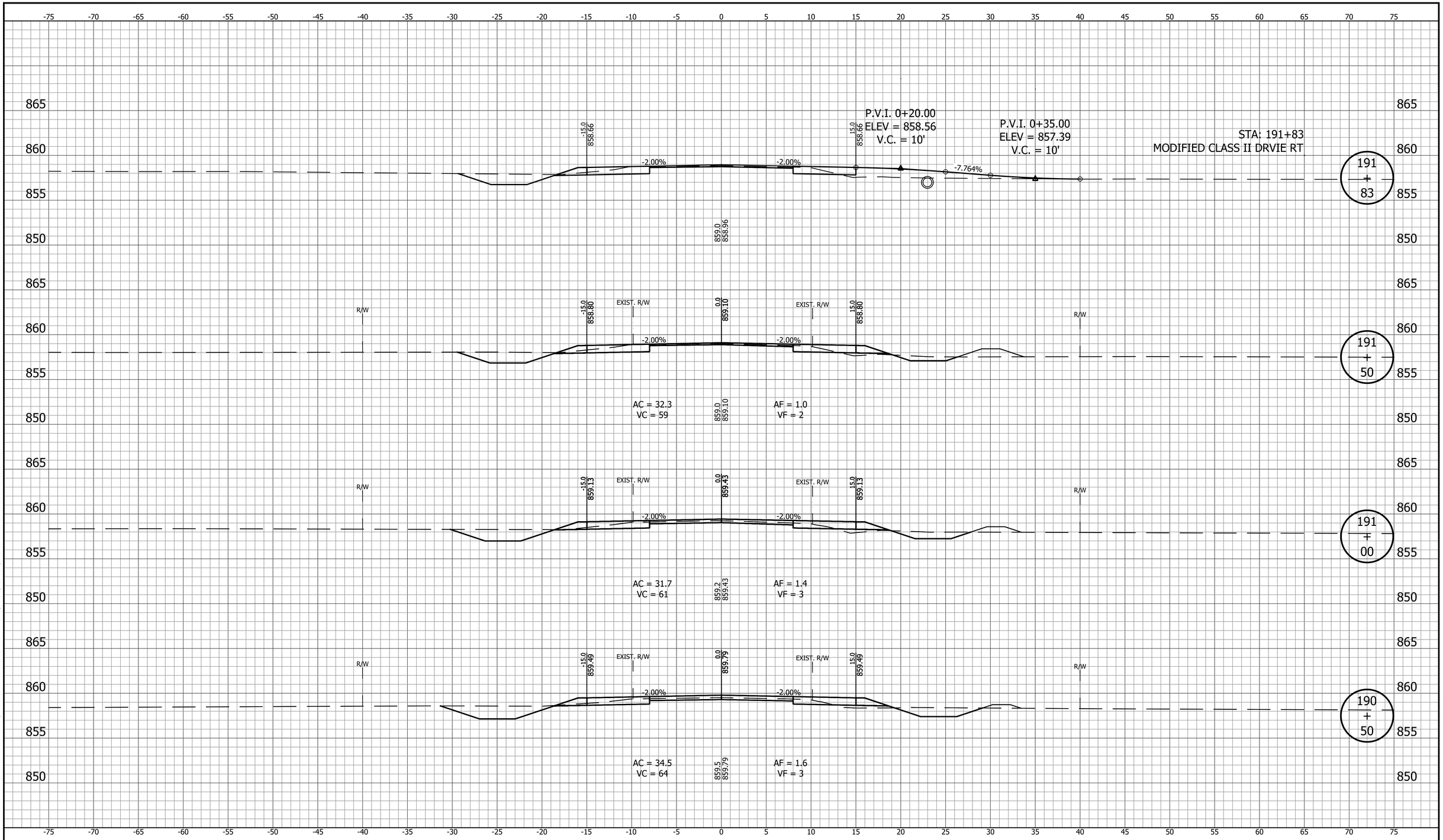
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HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	169 of 194
	CONTRACT
	R-43619



PRINT DATE: 5/19/26
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RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

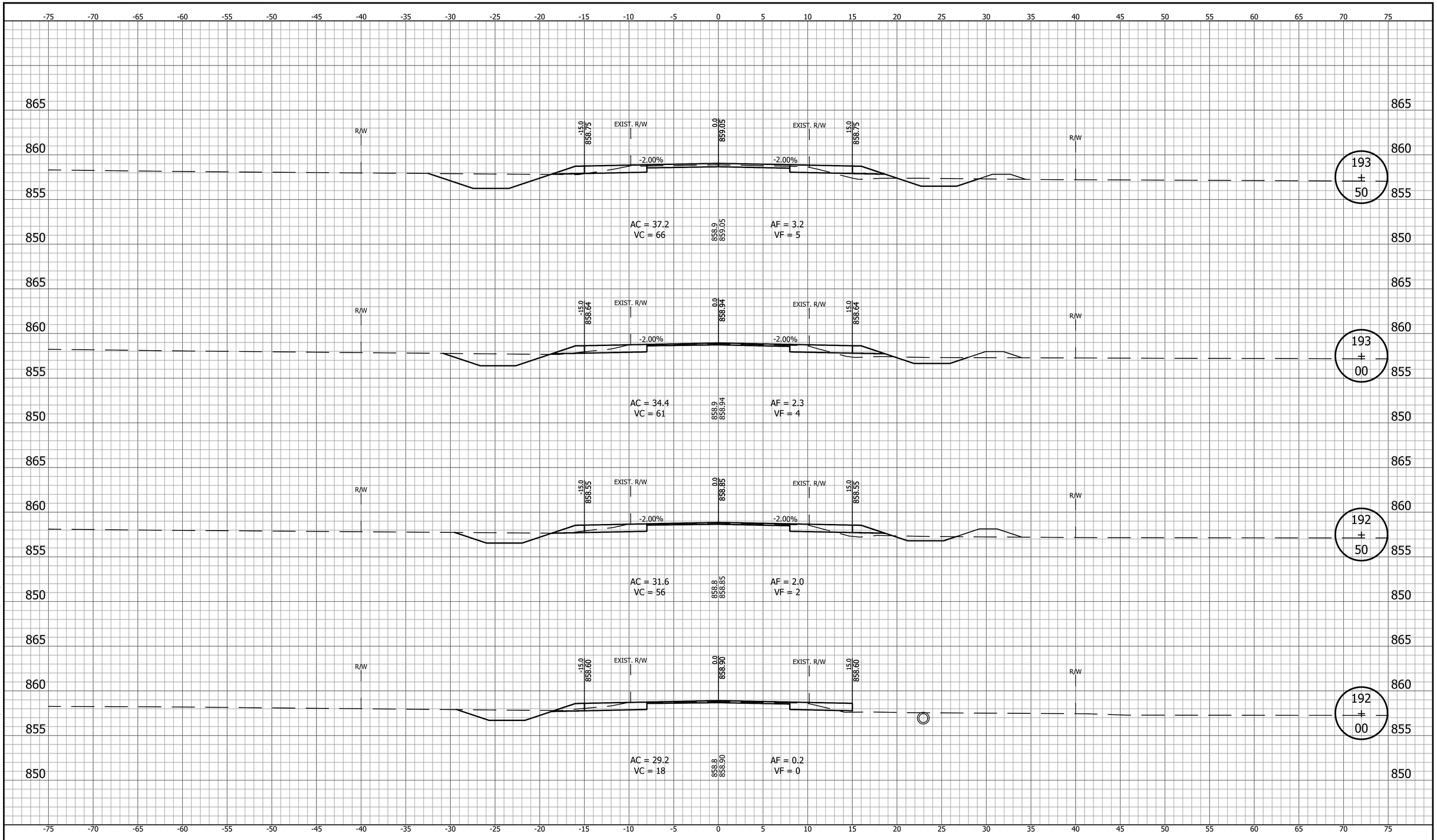
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CHECKED: RDS 5/19/2026 CHECKED: YZ 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	170 of 194
	CONTRACT
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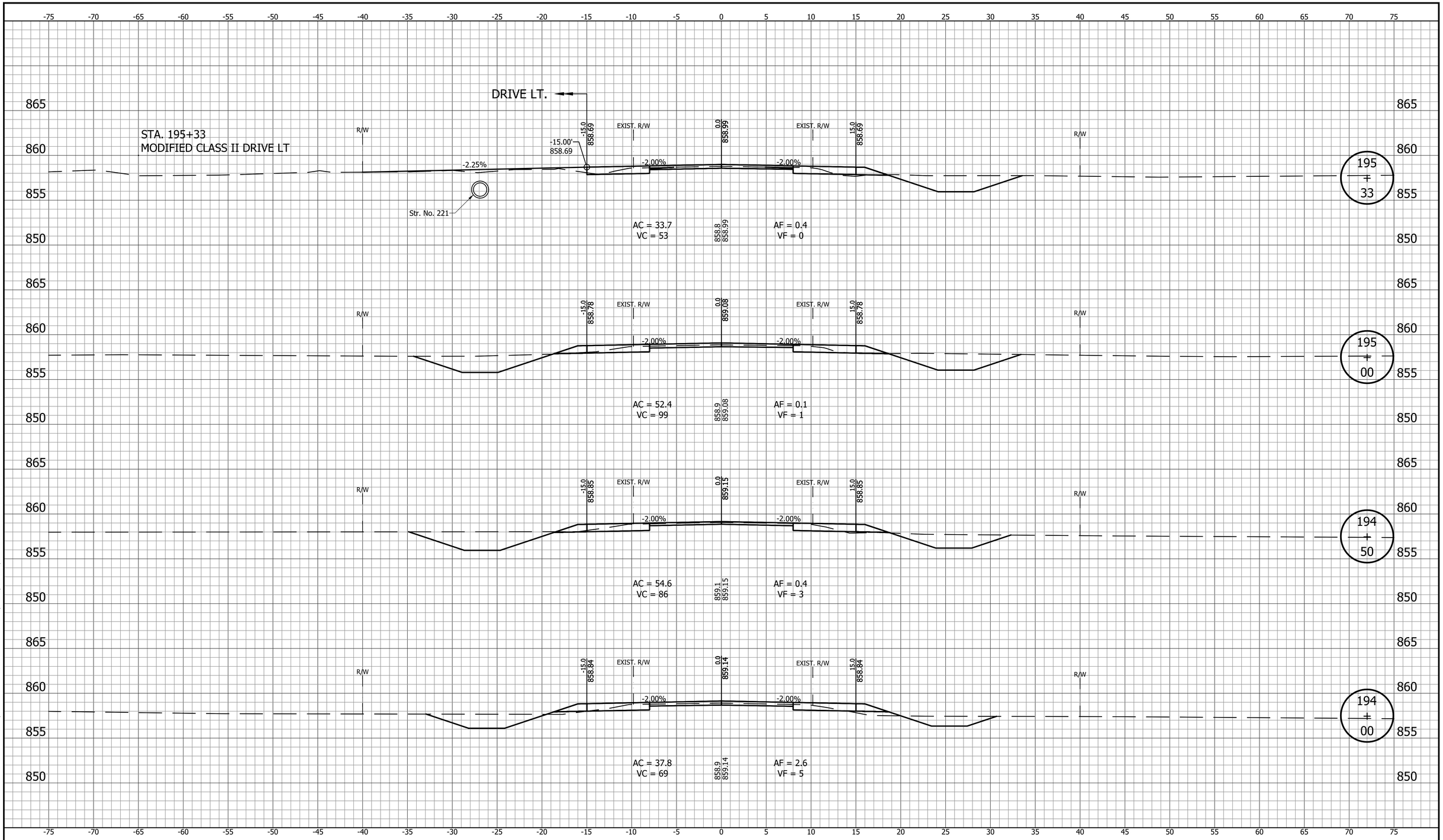
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
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1" = 5'	2003031
	SHEET
	171 of 194
	CONTRACT
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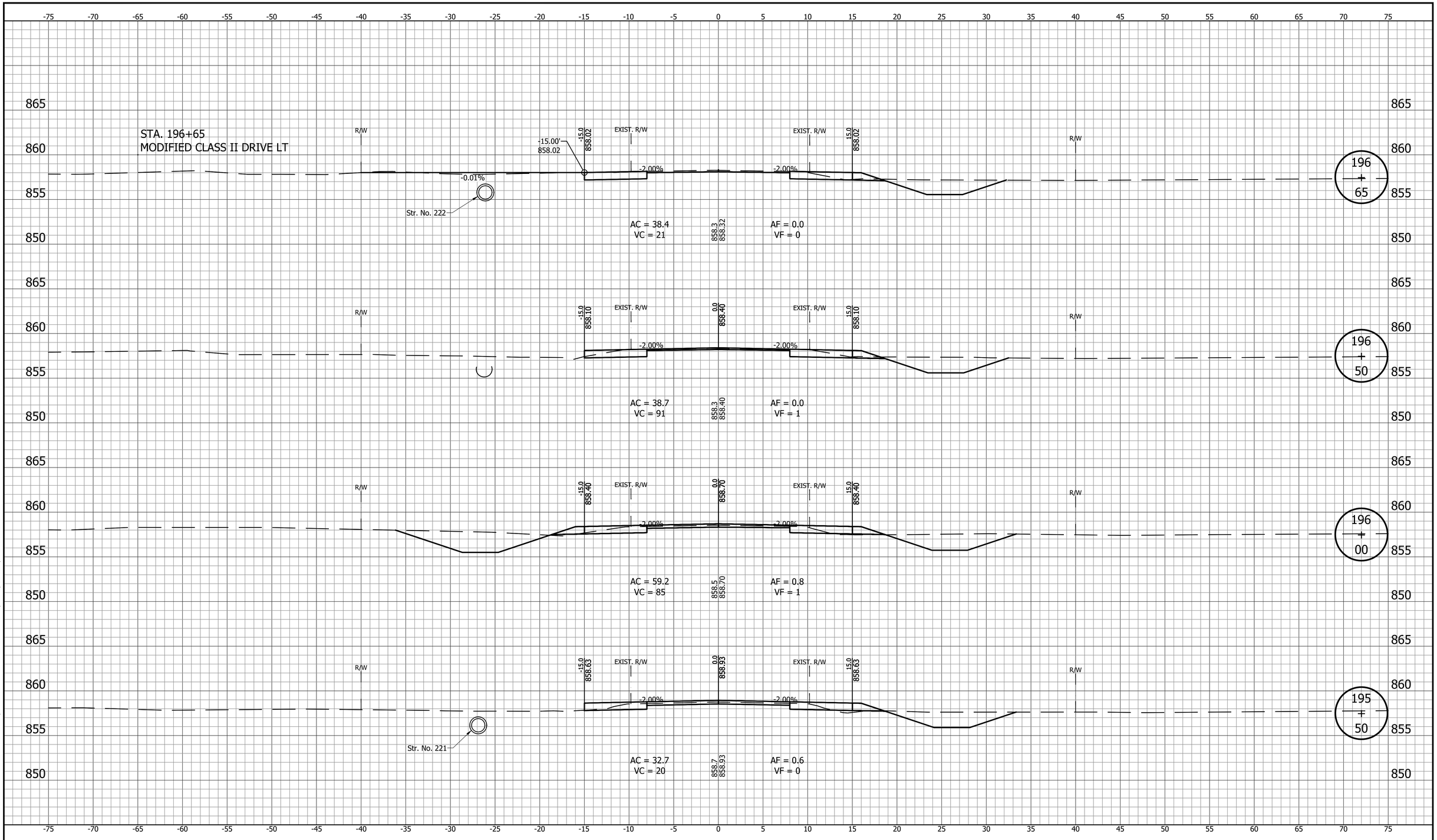
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
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	SHEET
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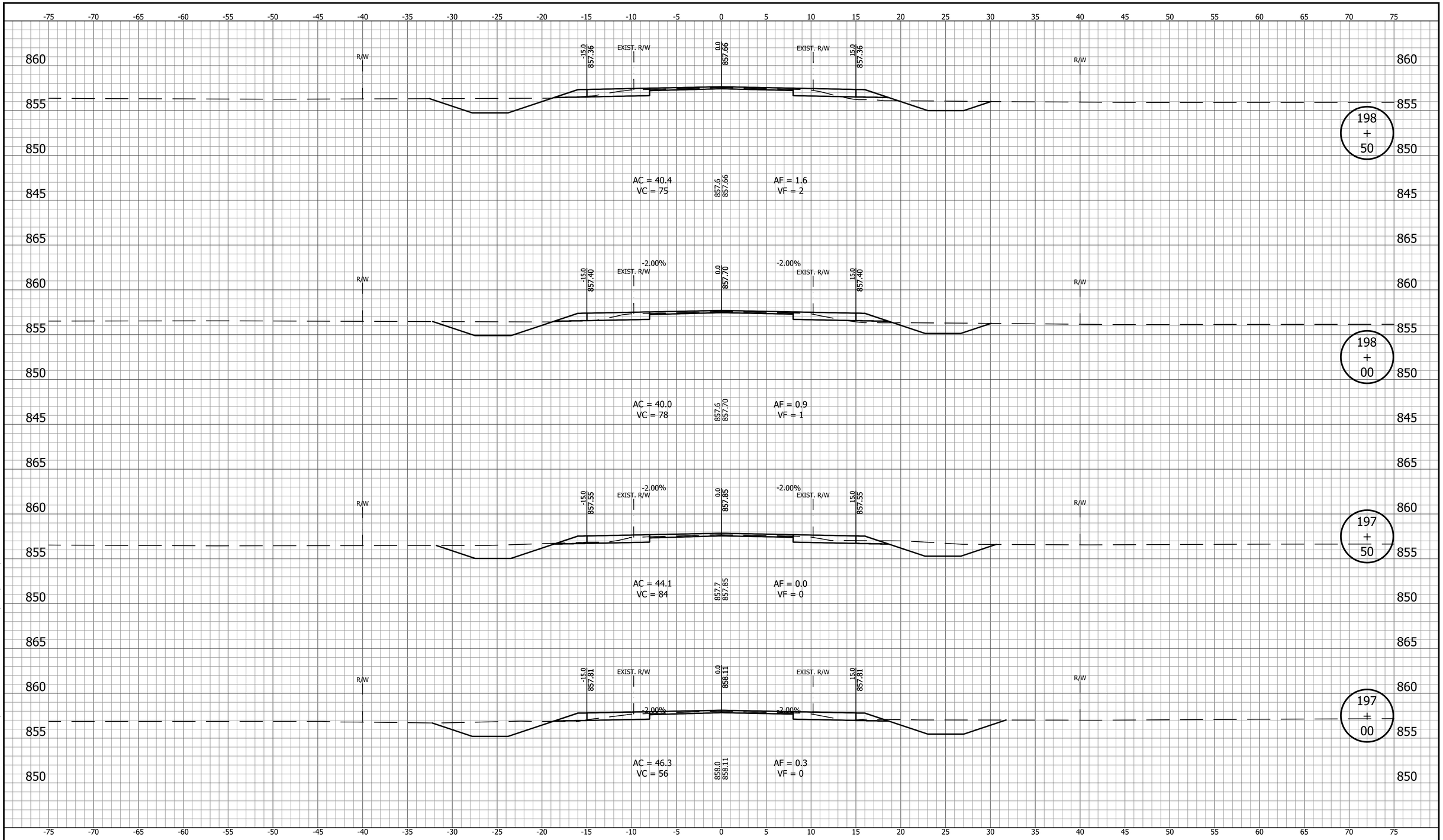
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	173 of 194
	CONTRACT
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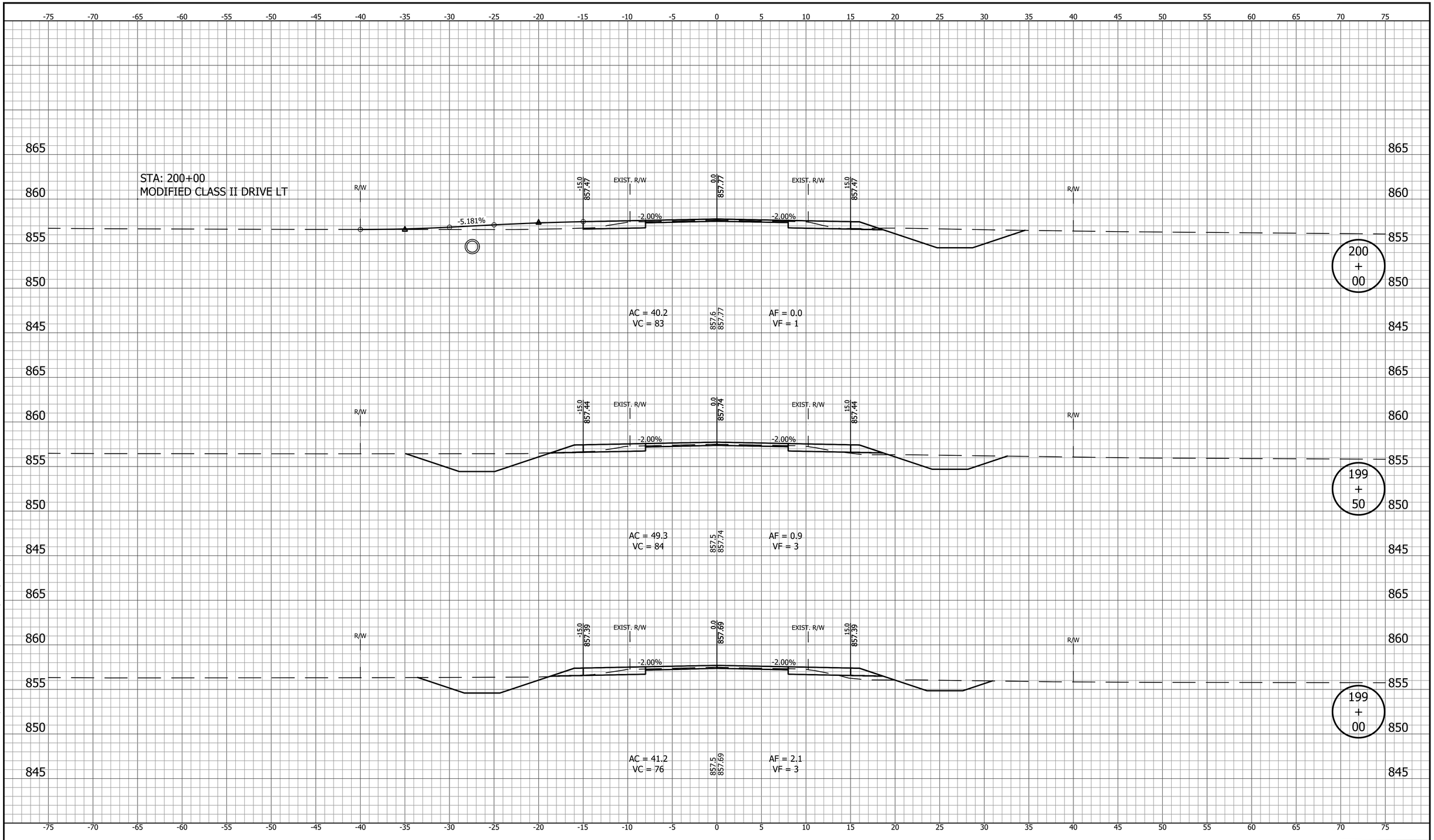
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INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

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1" = 5'	
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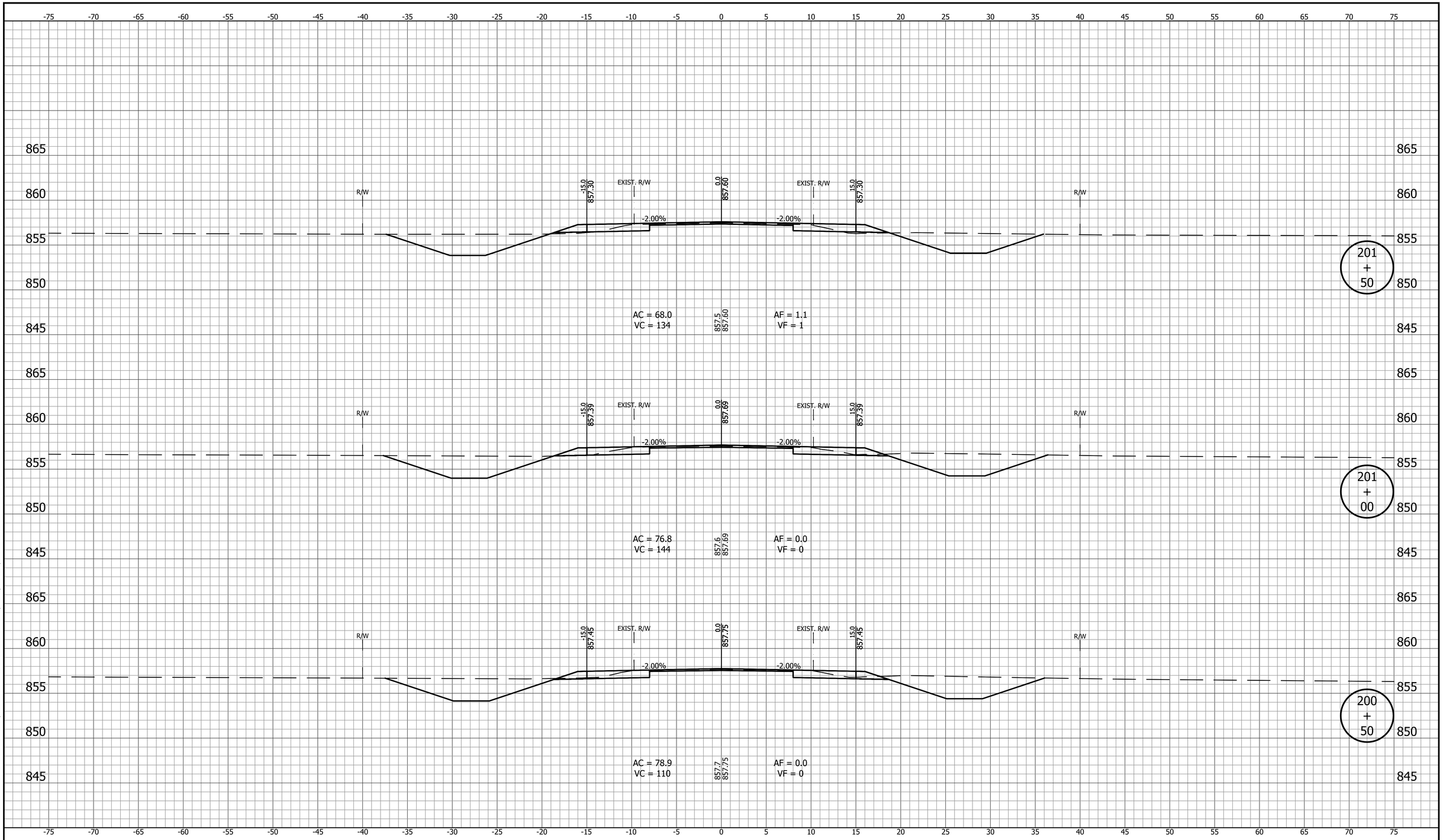
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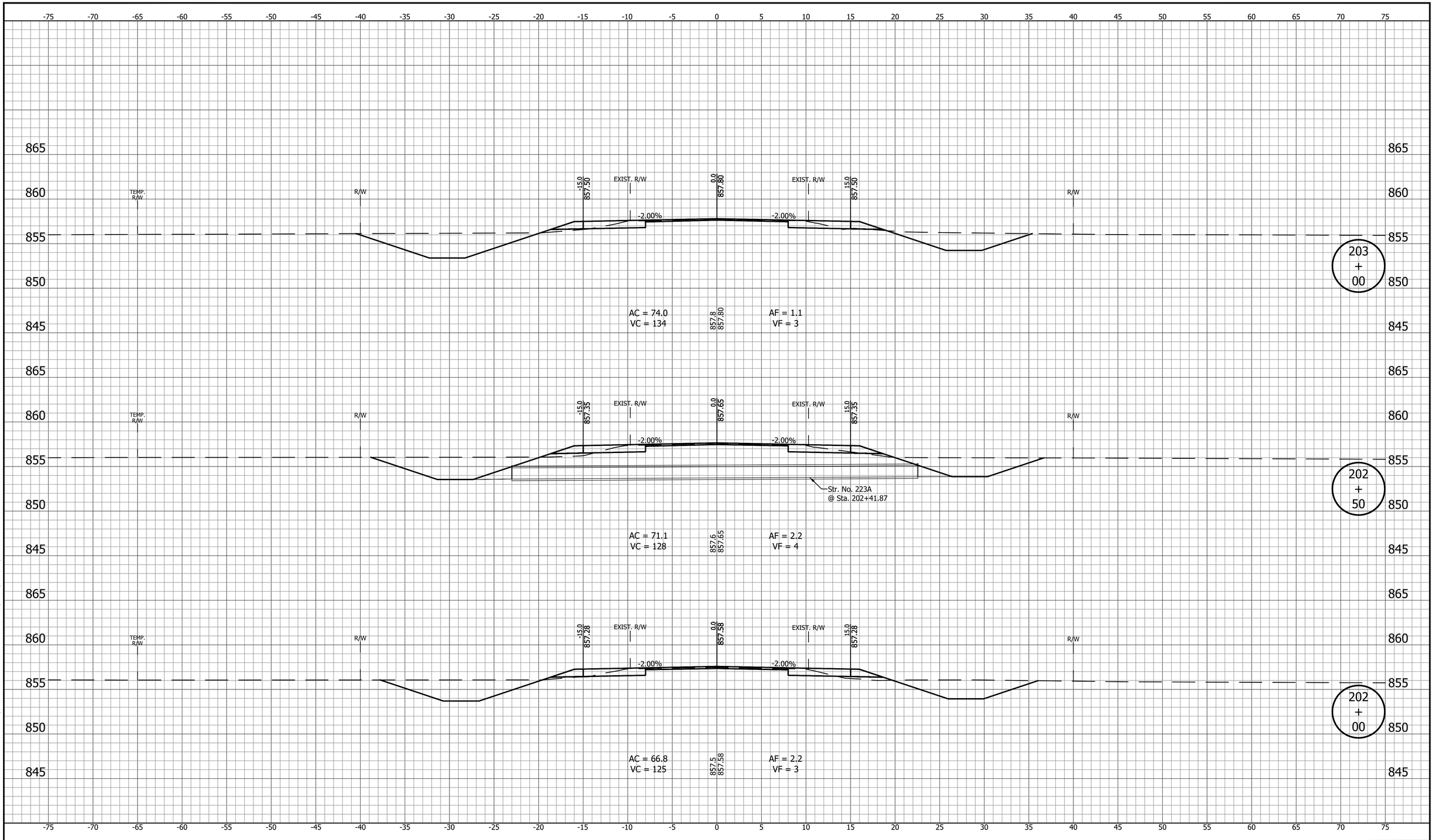
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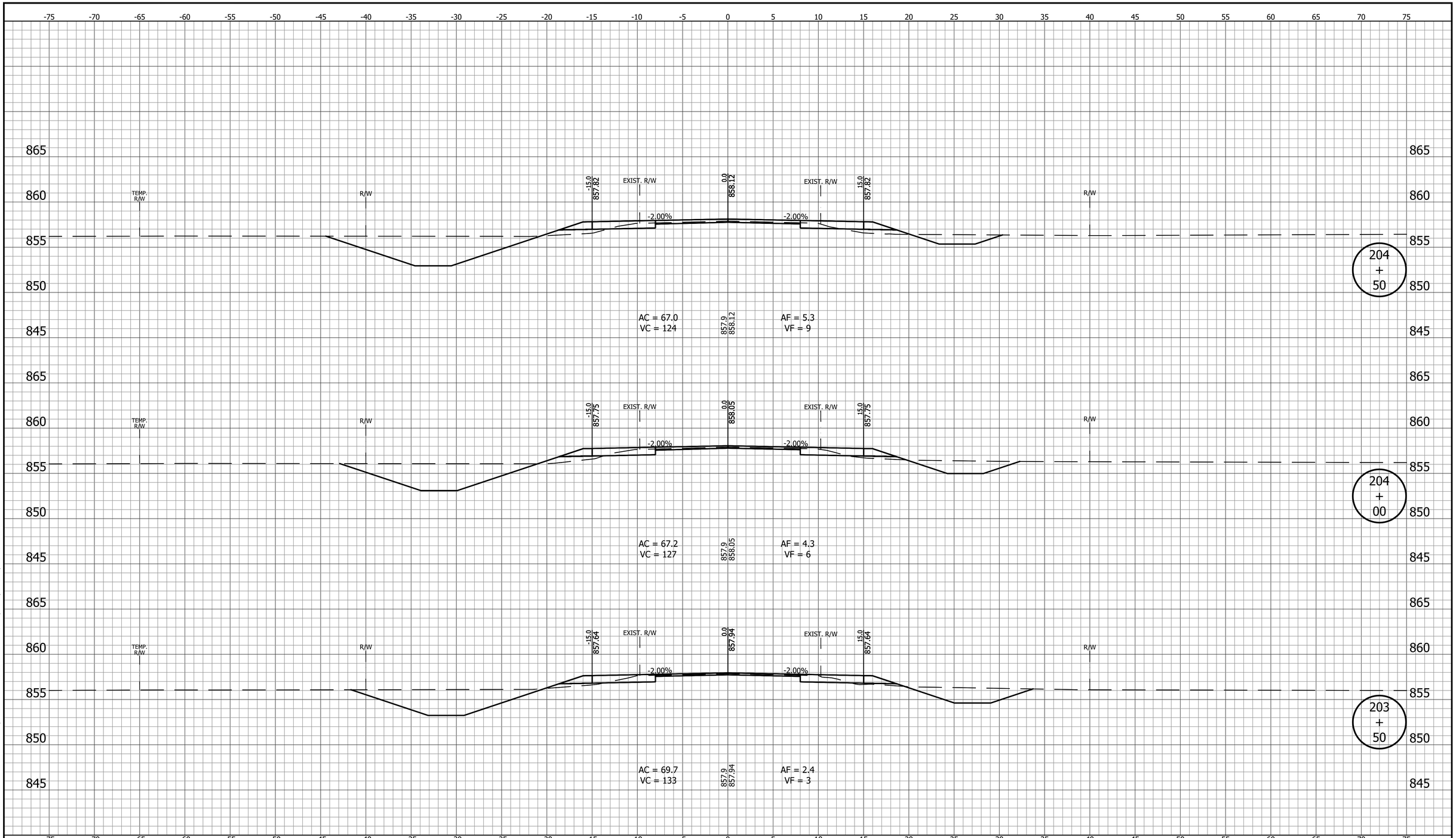
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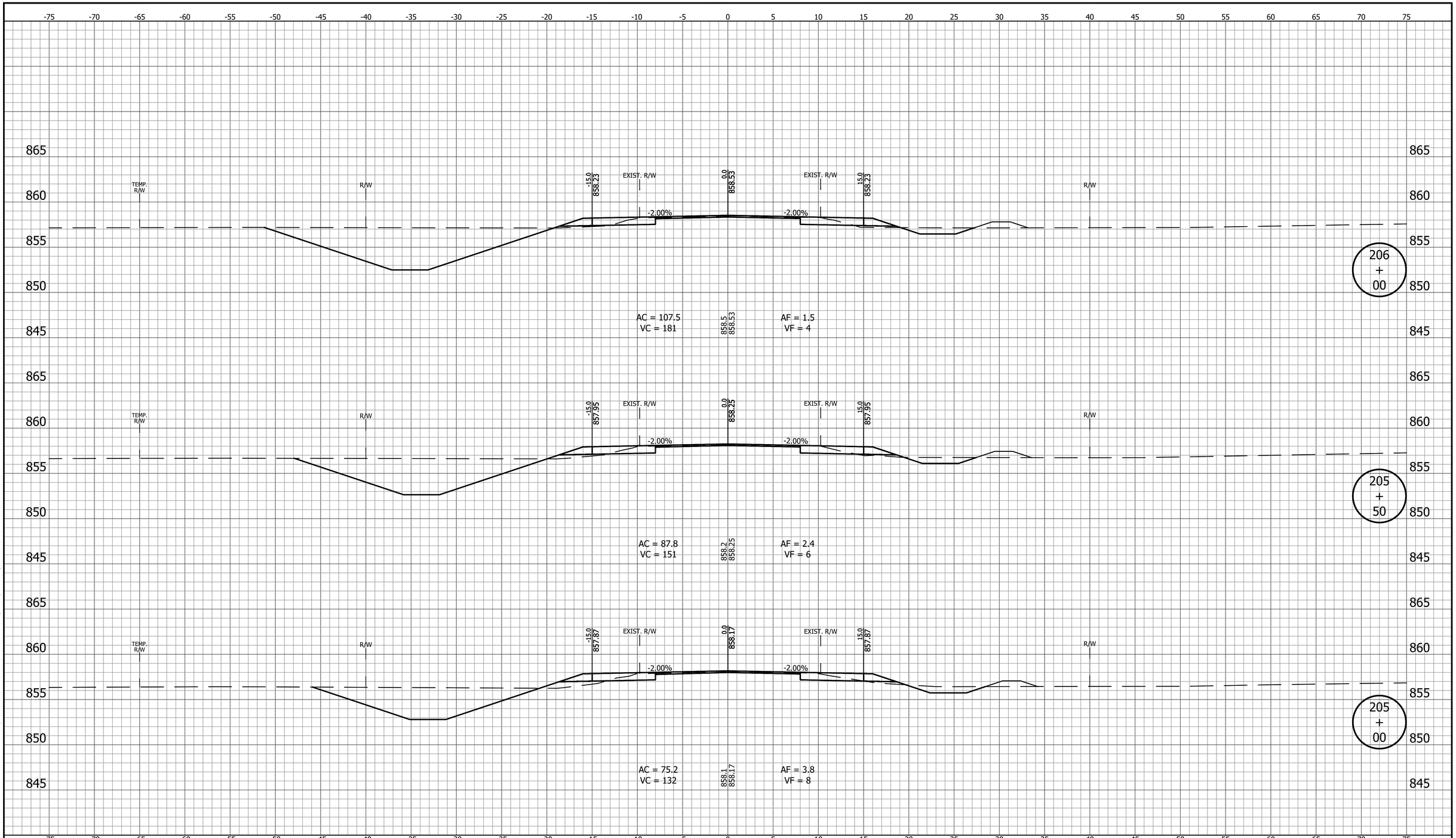
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INDIANA
DEPARTMENT OF TRANSPORTATION

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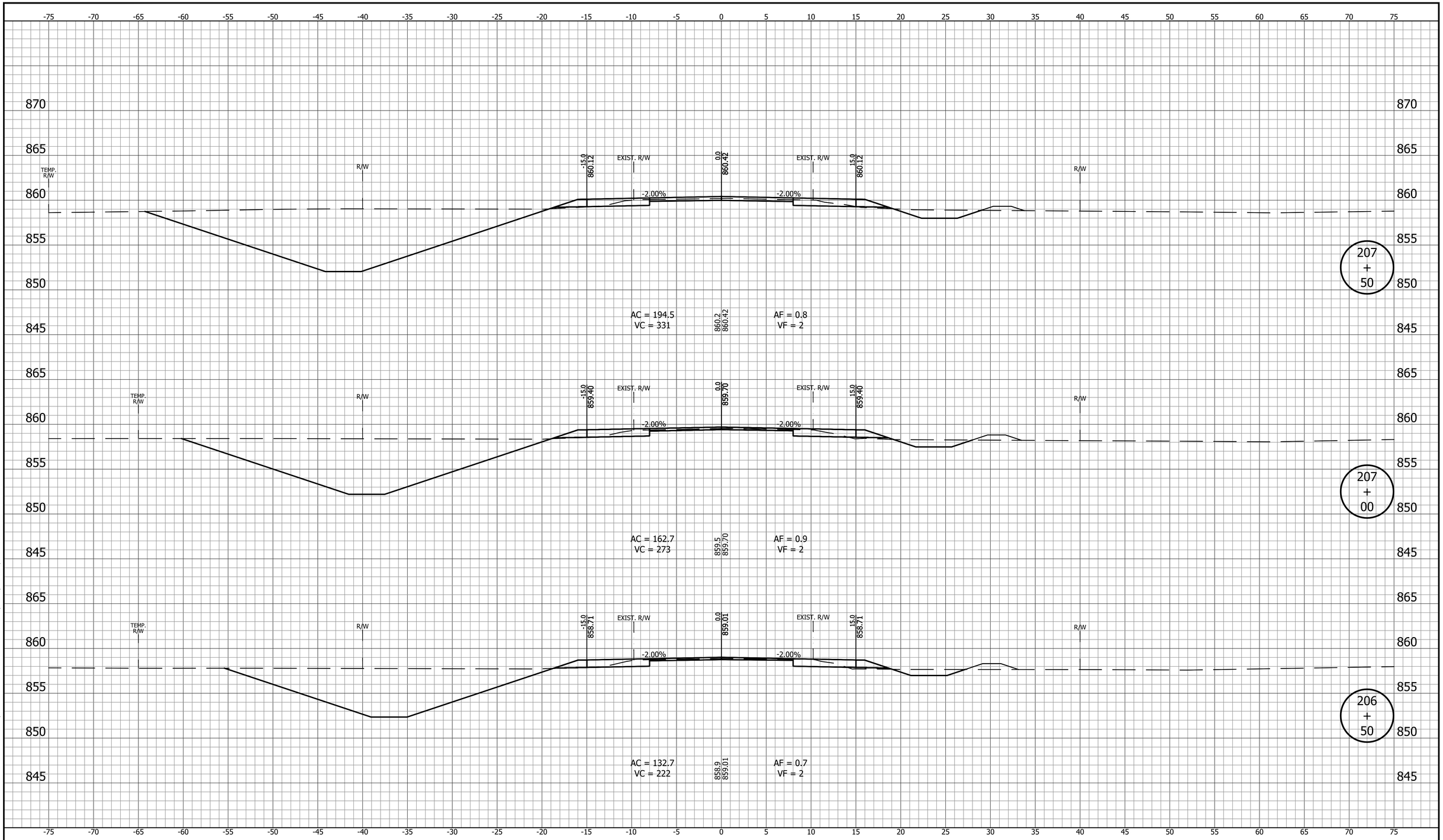
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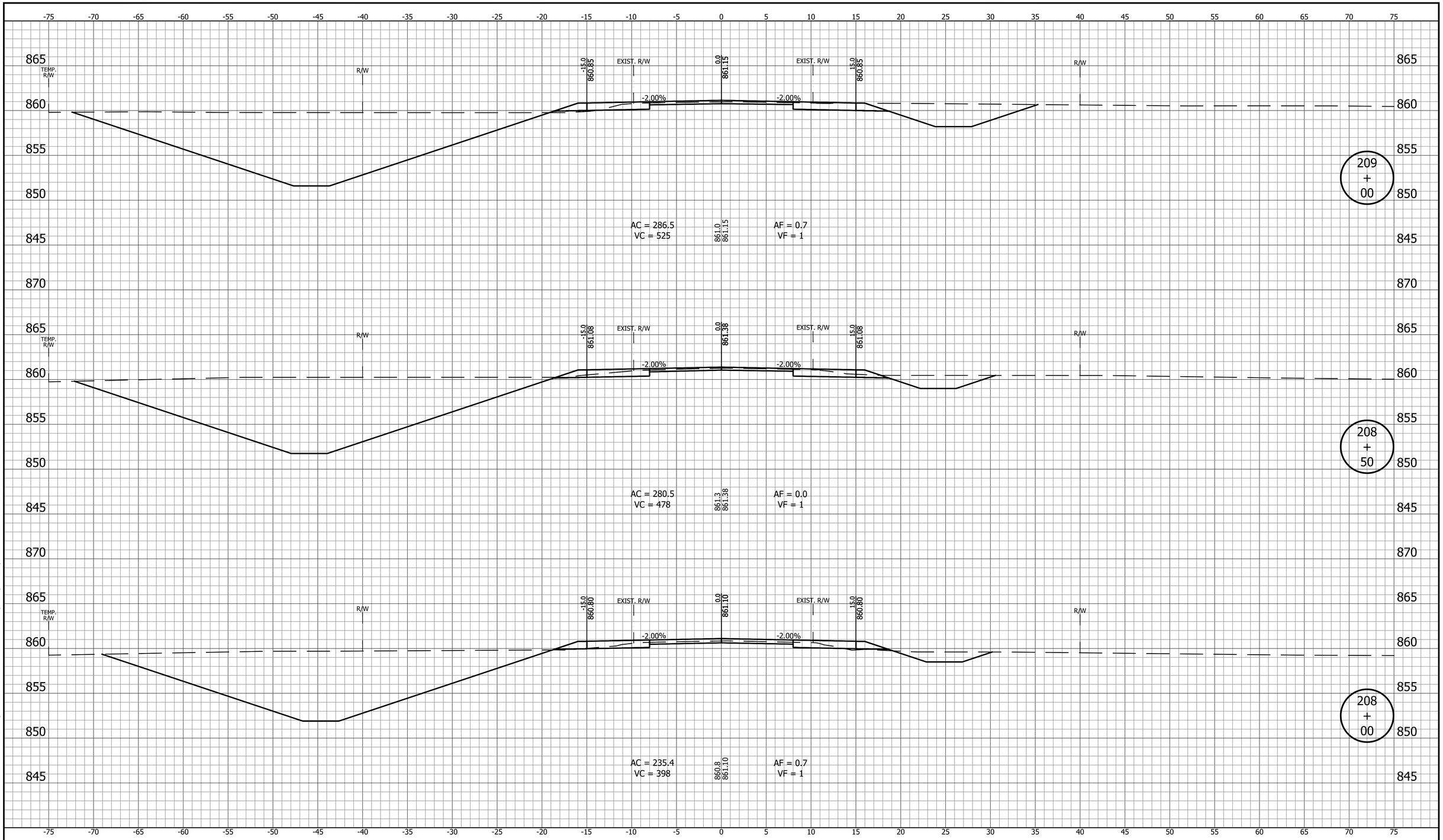
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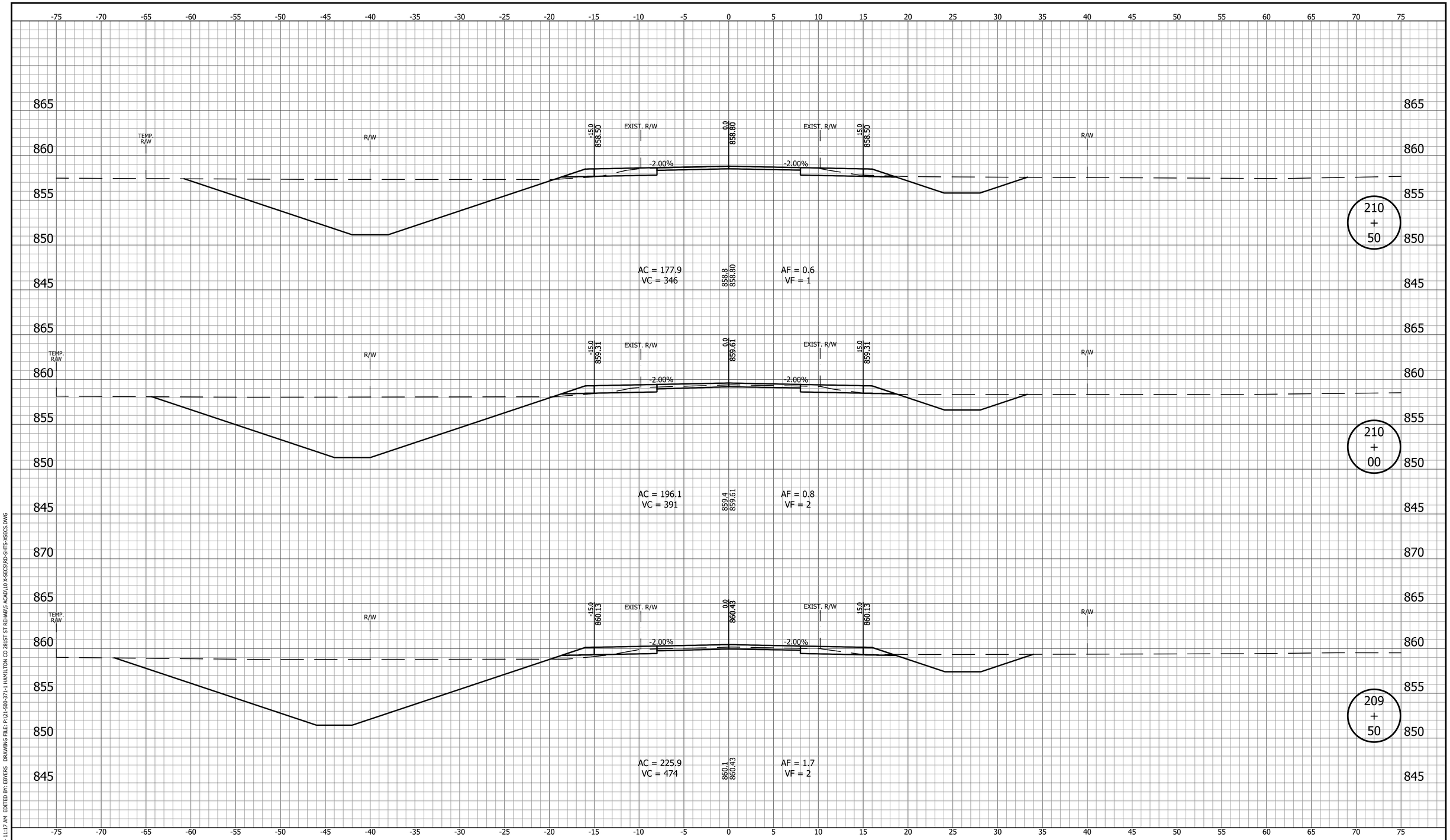
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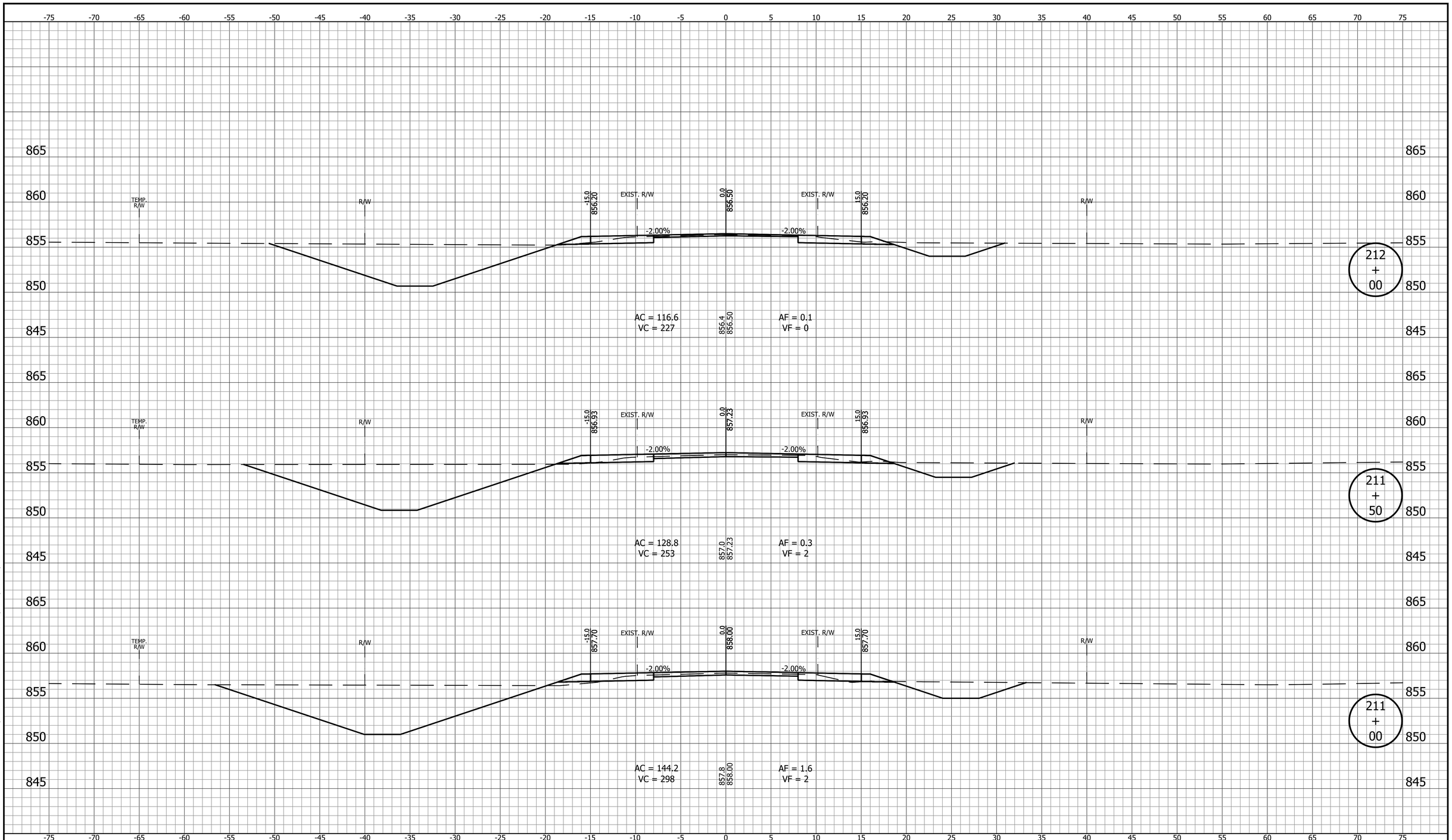
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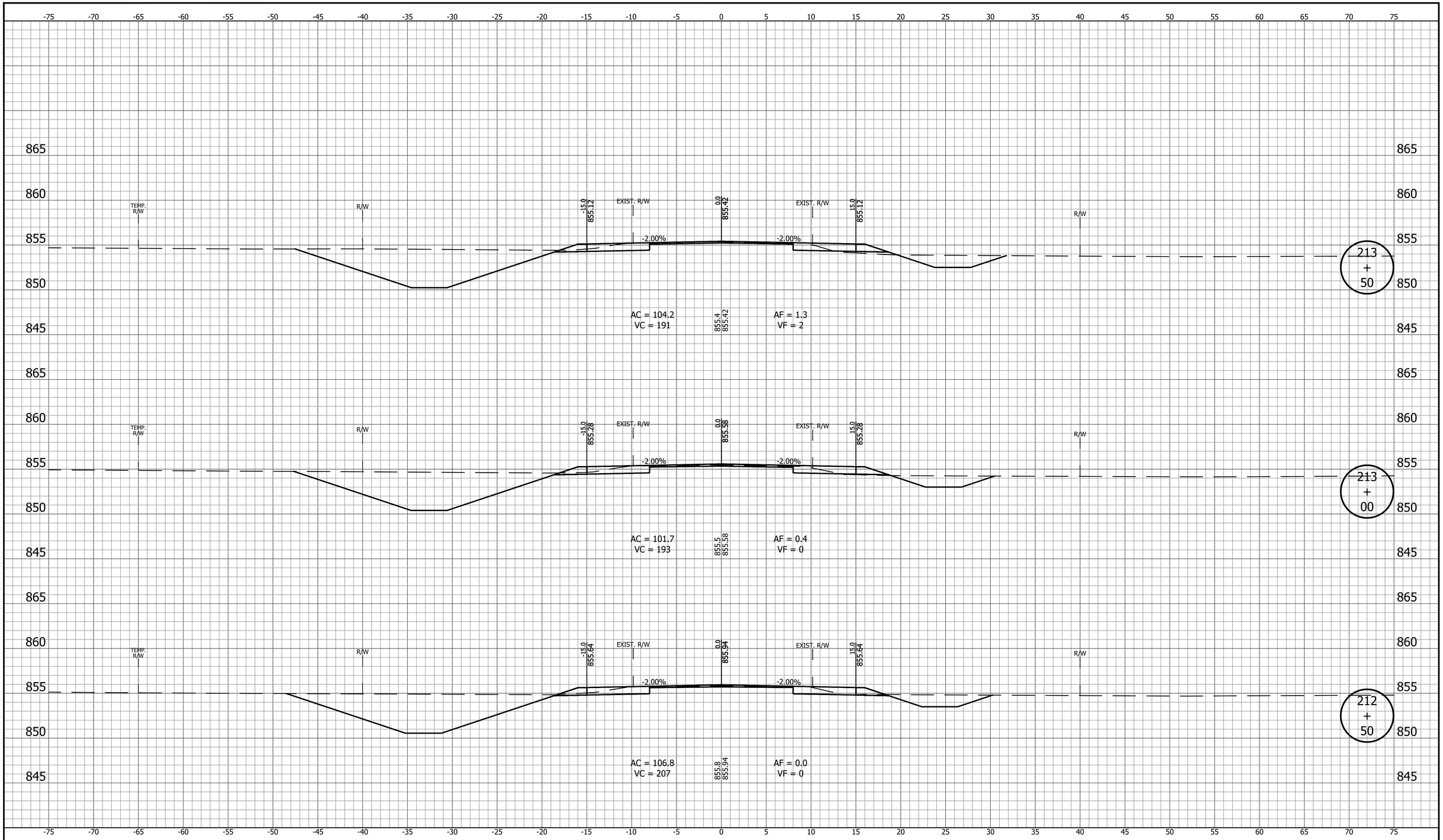
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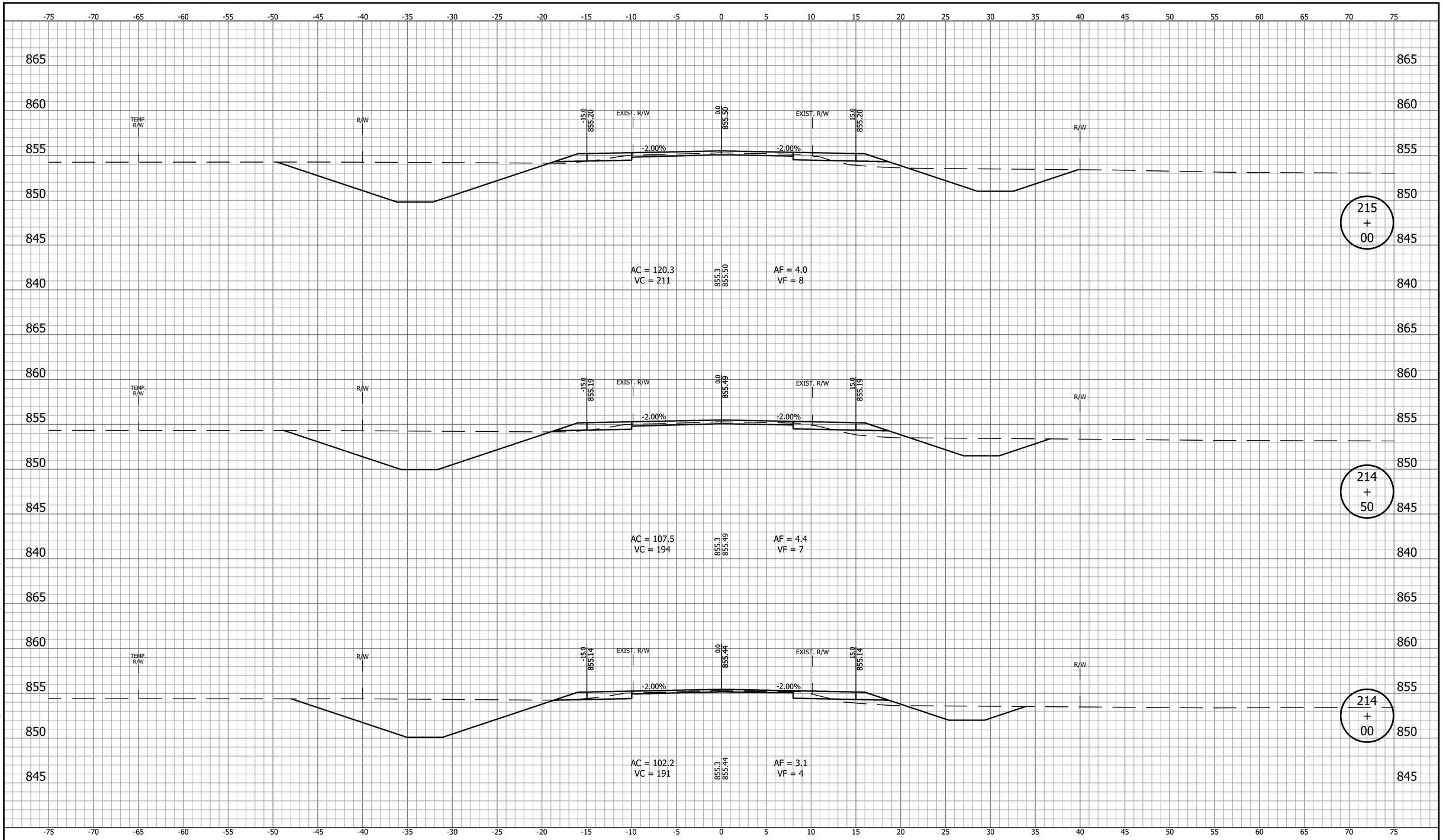
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LINE "PR-A"

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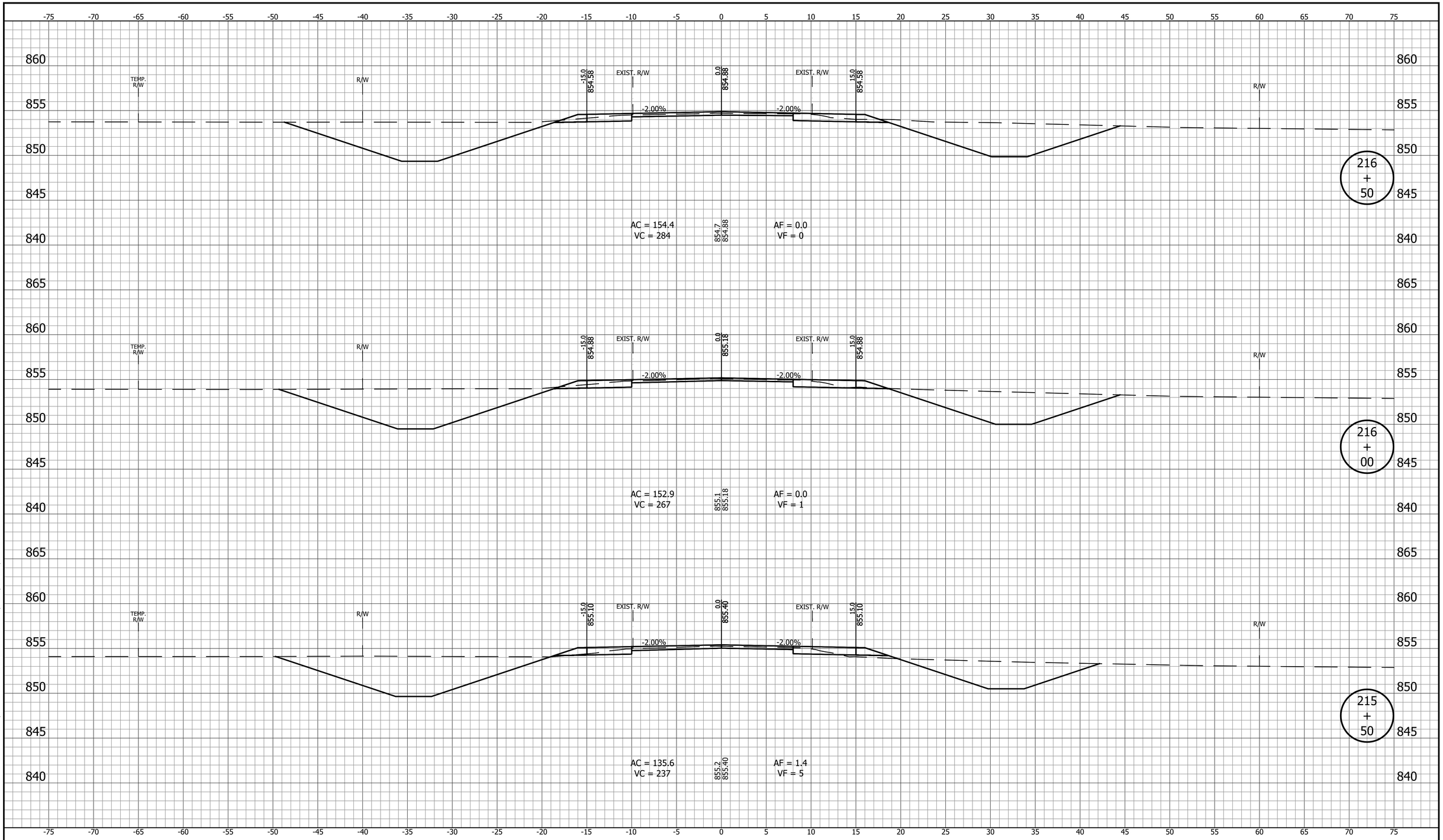
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LINE "PR-A"

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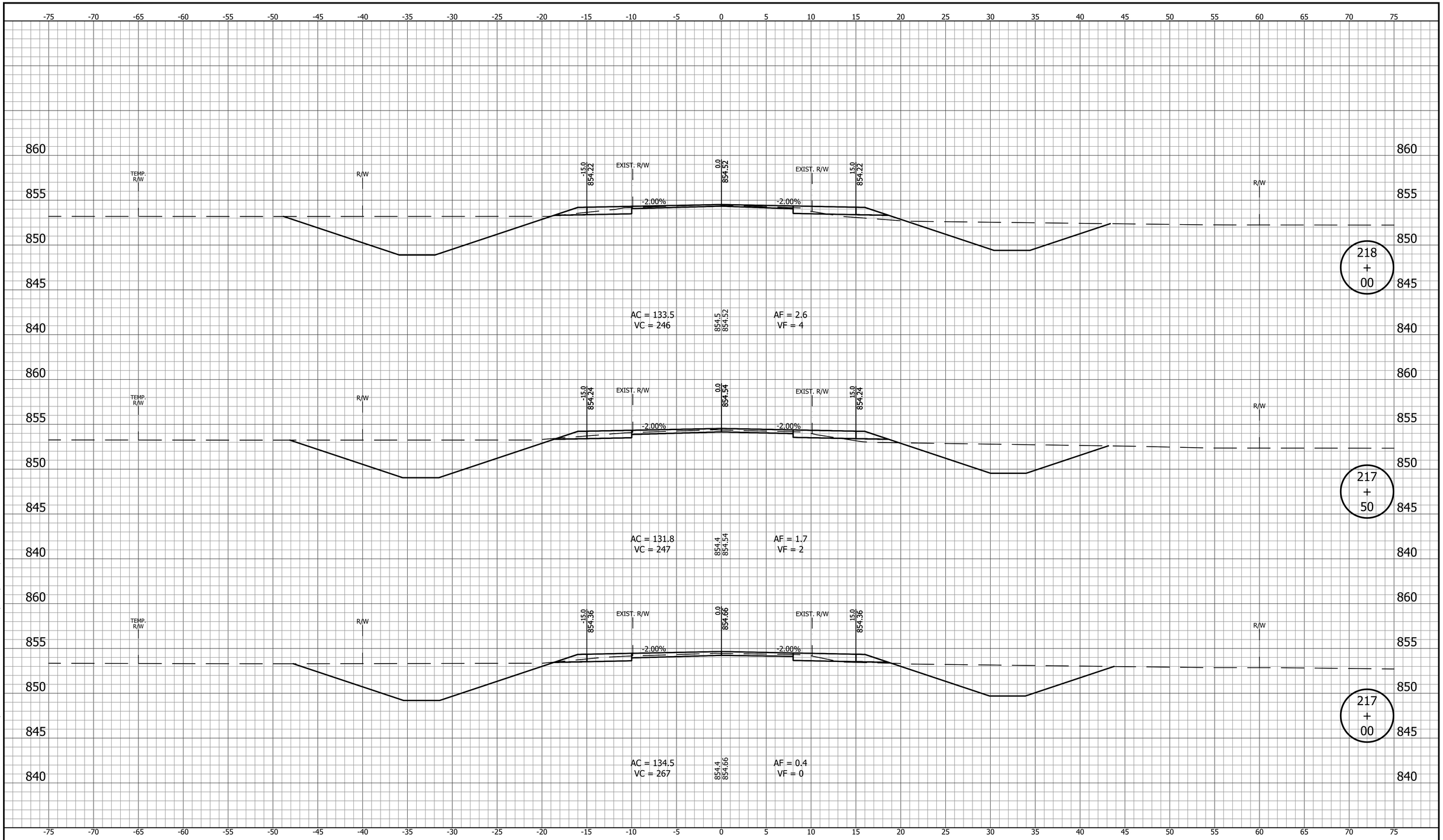
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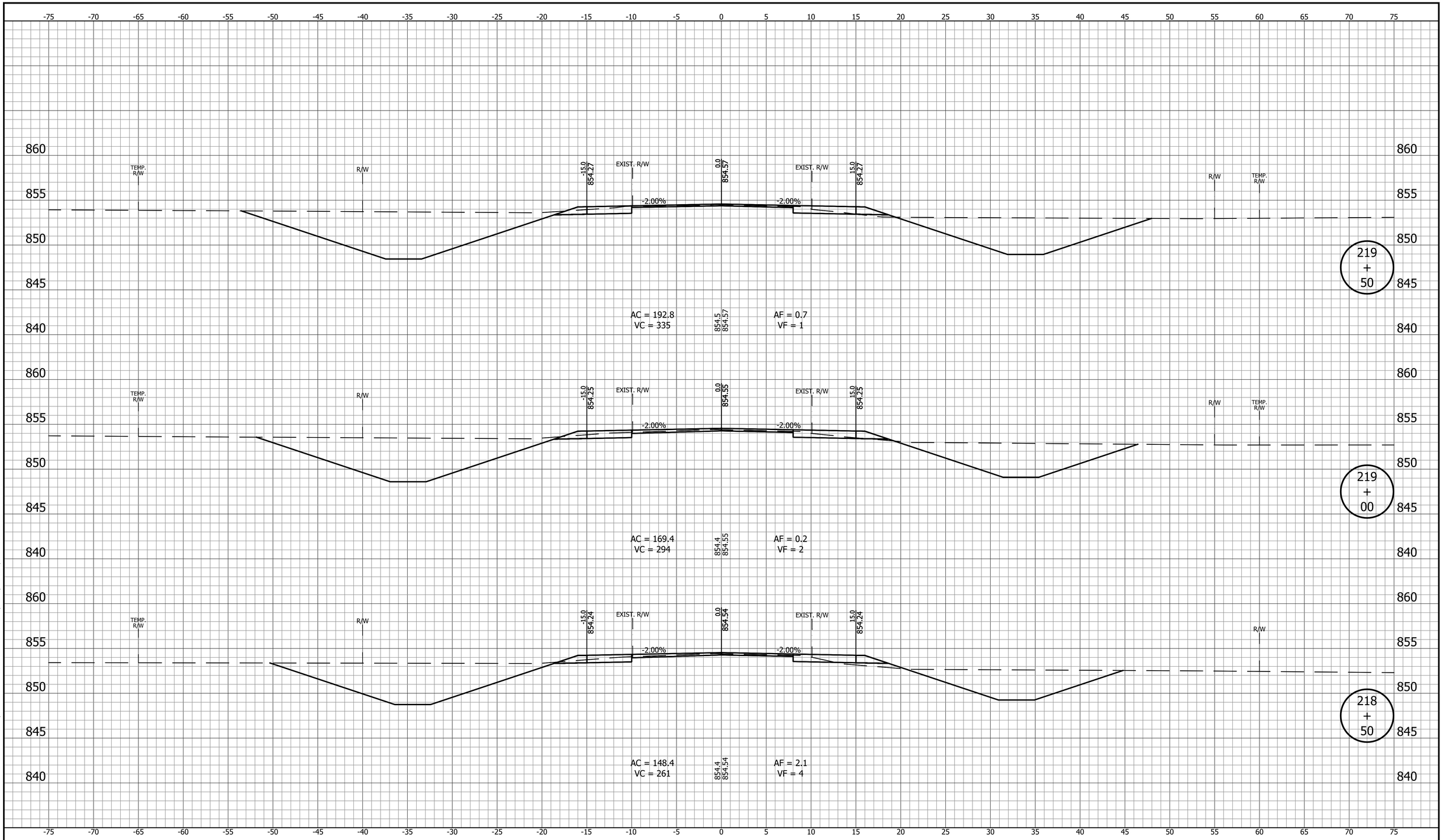
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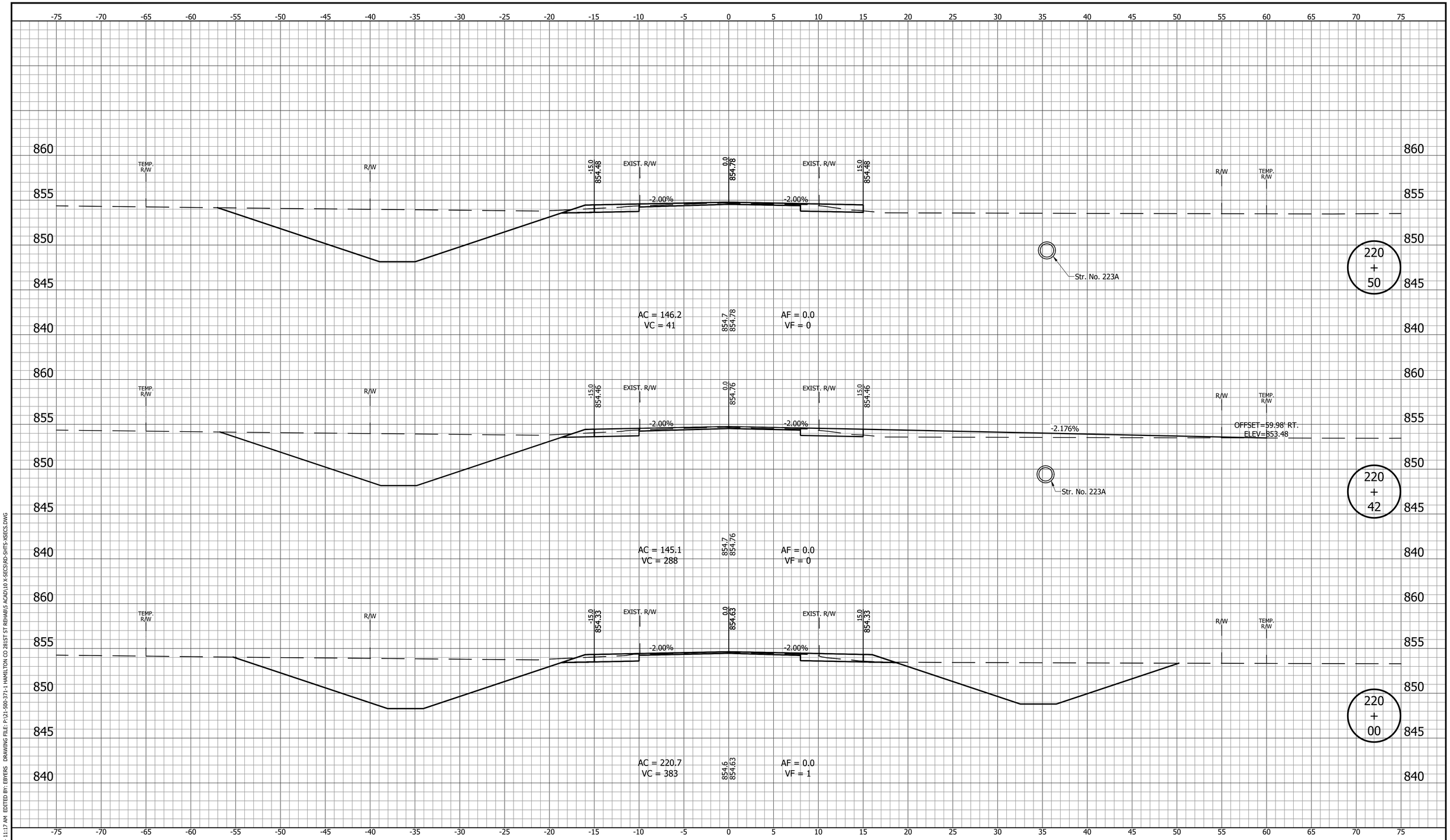
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STA. 221+85
MODIFIED CLASS V DRIVE LT
P.V.I. 0+60.00
ELEV = 855.41
V.C. = 10'

P.V.I. 0+20.00
ELEV = 854.93
V.C. = 10'

TEMP. R/W
R/W
+1.20%
-2.00%
-2.00%
EXIST. R/W
EXIST. R/W
15.0
855.03
15.0
855.03
Str. No. 224
AC = 150.3
VC = 303
855.3
855.33
AF = 0.0
VF = 0
221 + 85

TEMP. R/W
R/W
15.0
854.98
EXIST. R/W
0.0
855.28
EXIST. R/W
15.0
854.98
-2.00%
-2.00%
Str. No. 224
End Section
AC = 315.4
VC = 547
855.2
855.28
AF = 0.0
VF = 0
221 + 50

TEMP. R/W
R/W
15.0
854.72
EXIST. R/W
0.0
855.02
EXIST. R/W
15.0
854.72
-2.00%
-2.00%
AC = 275.3
VC = 390
854.8
855.02
AF = 0.0
VF = 0
221 + 00

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DESIGN ENGINEER DATE

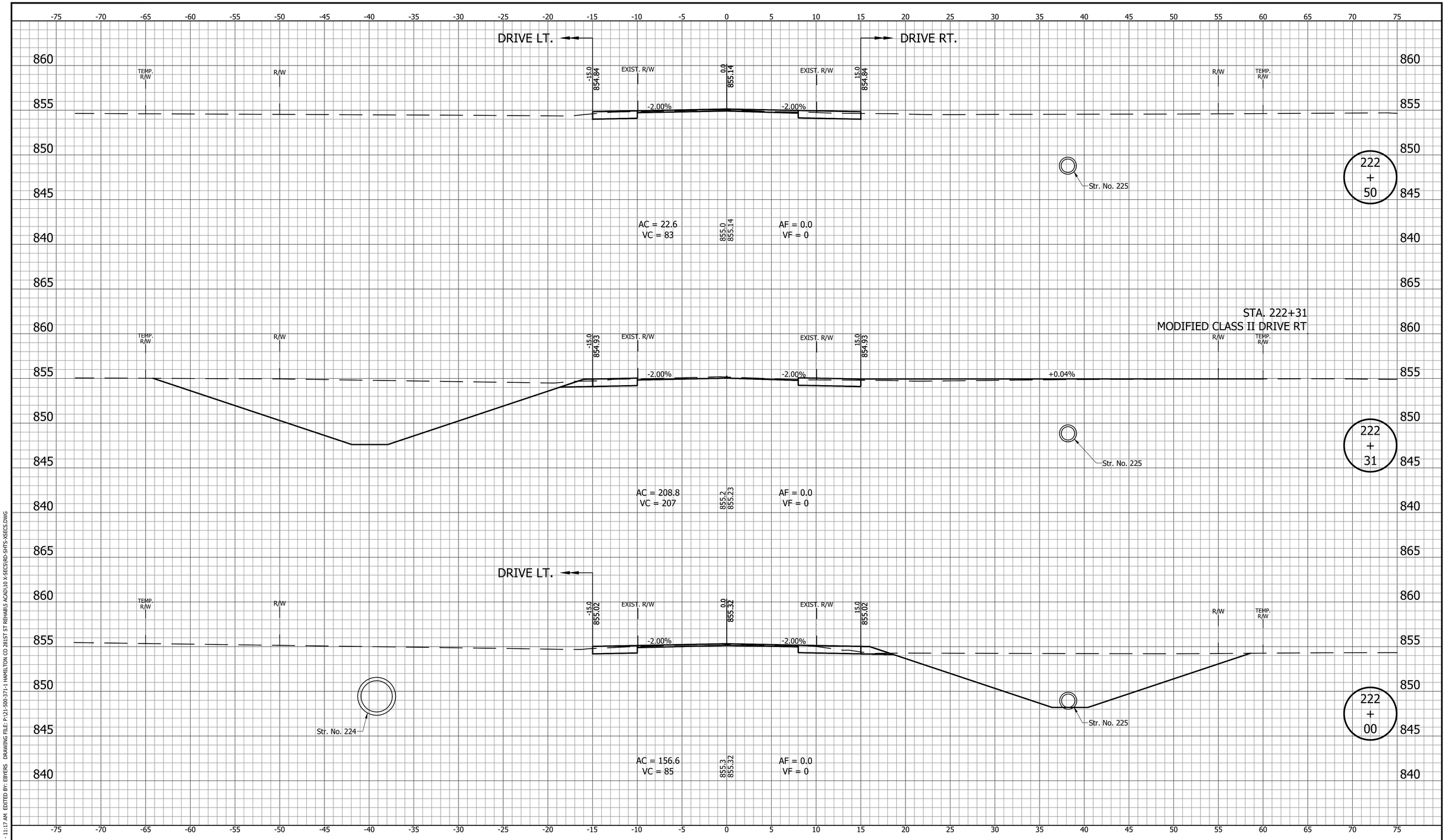
DESIGNED: YZ 4/16/2026
DRAWN: MRM 4/16/2026
CHECKED: RDS 5/19/2026
CHECKED: YZ 5/19/2026

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 5'	
VERTICAL SCALE	DESIGNATION
1" = 5'	2003031
	SHEET
	190 of 194
	CONTRACT
	R-43619

PRINT DATE: 5/19/26
PLOT SCALE: 1:1 EDIT DATE: 4/16/26 - 11:17 AM EDITED BY: EBYERS DRAWING FILE: P:\21-500-371-1 HAMILTON CO 281ST ST REHAB\5 ACAD\10 X-SECS\RD-SHTS-XSECS.DWG



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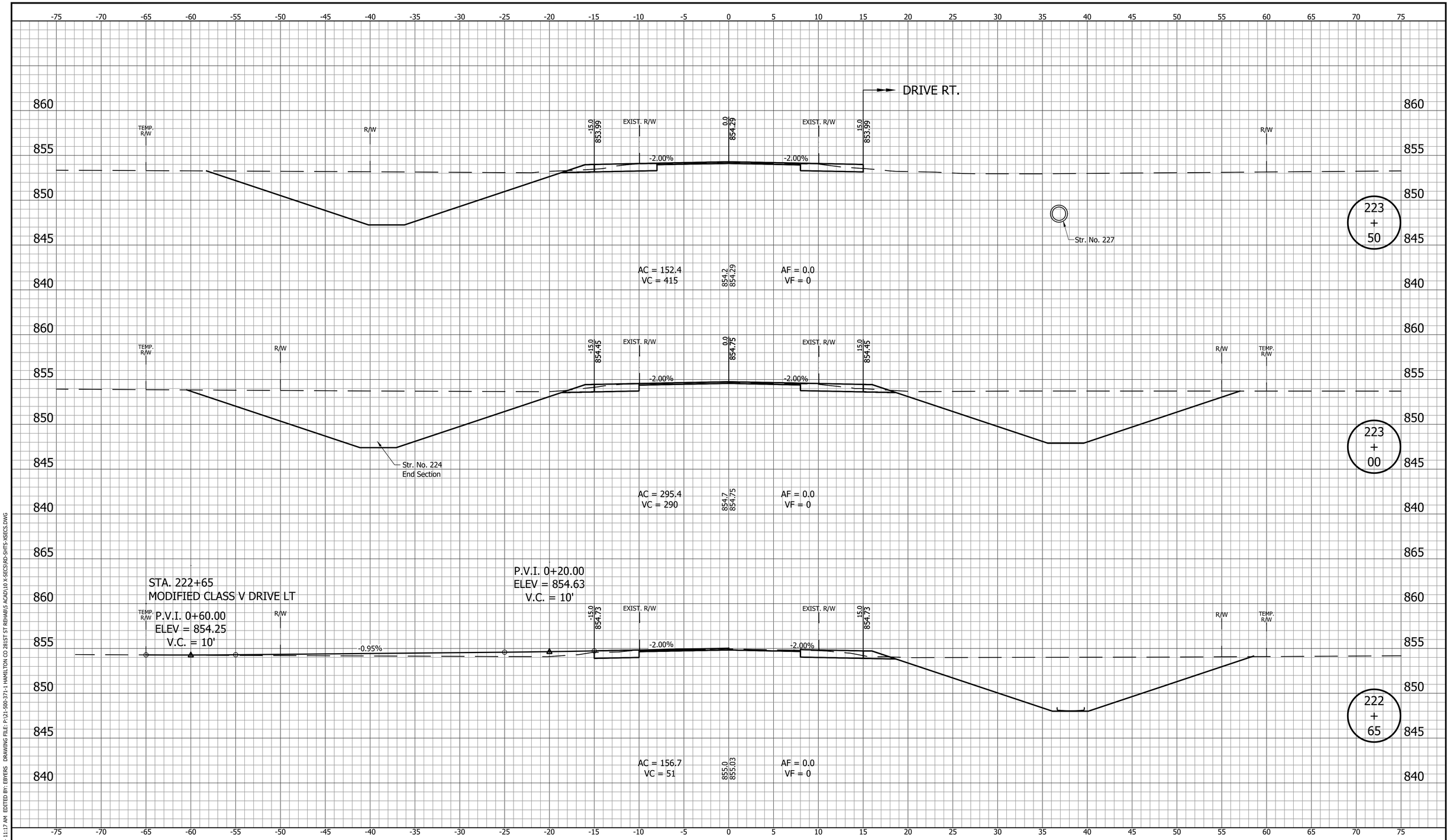
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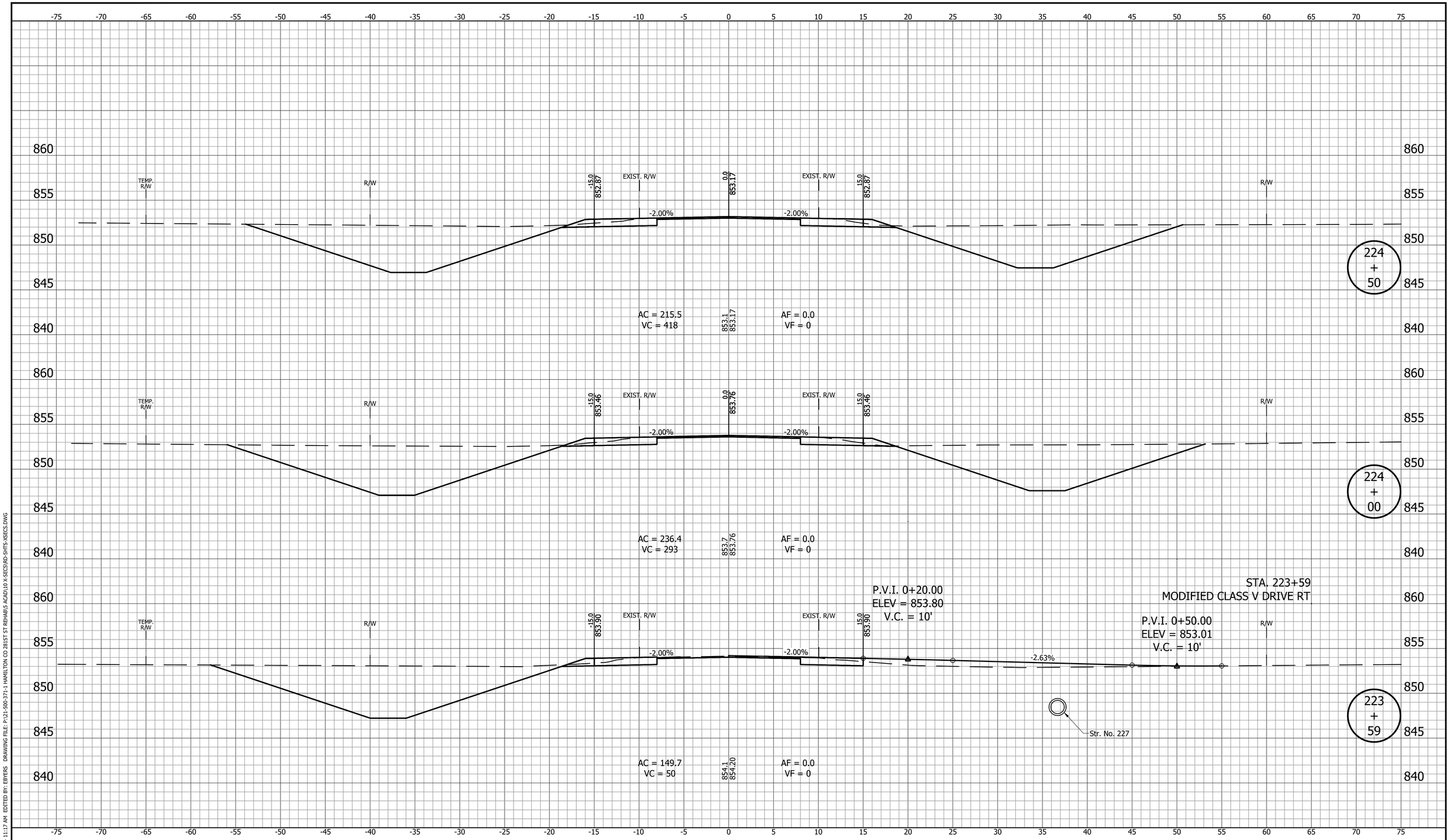
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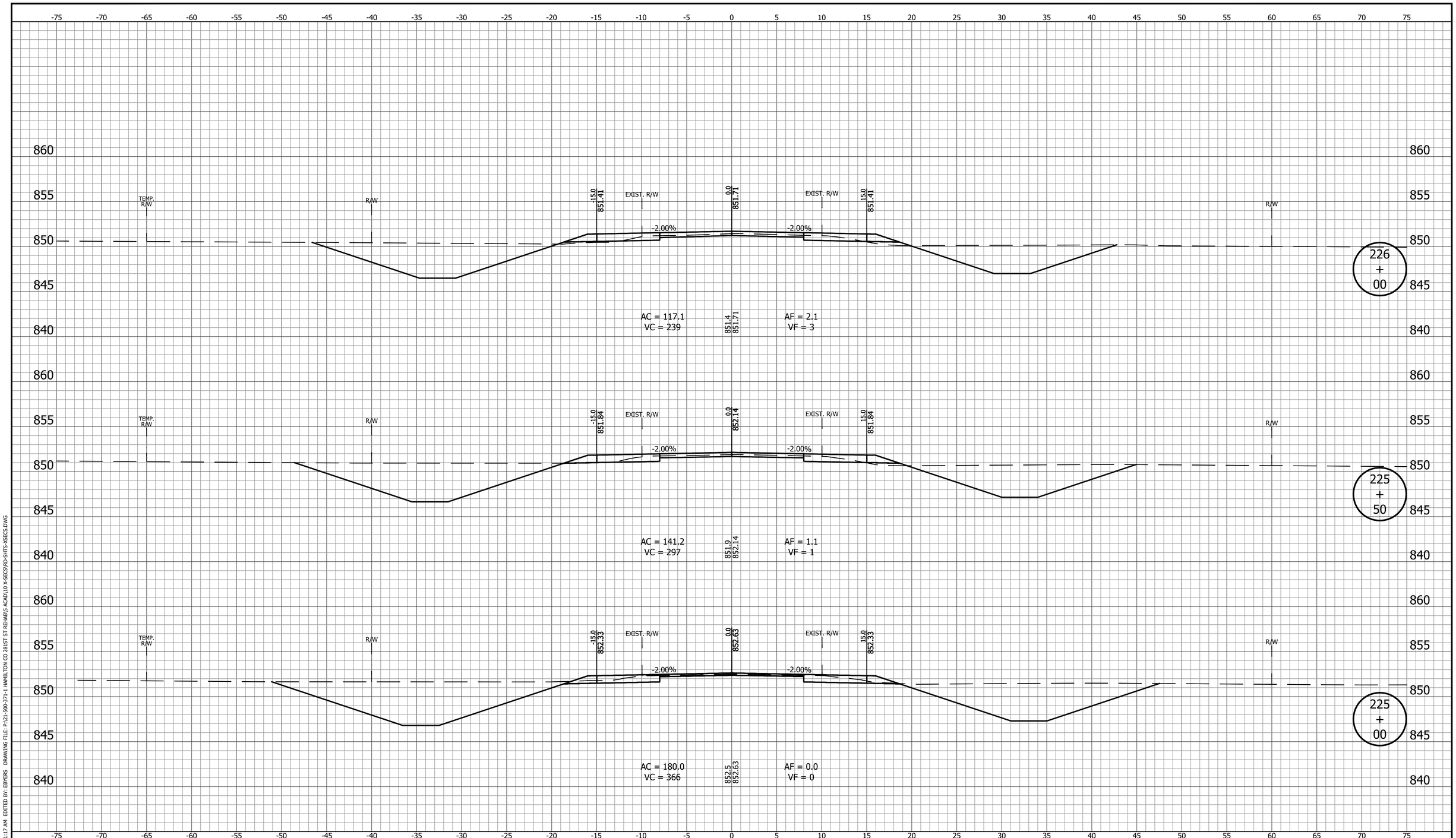
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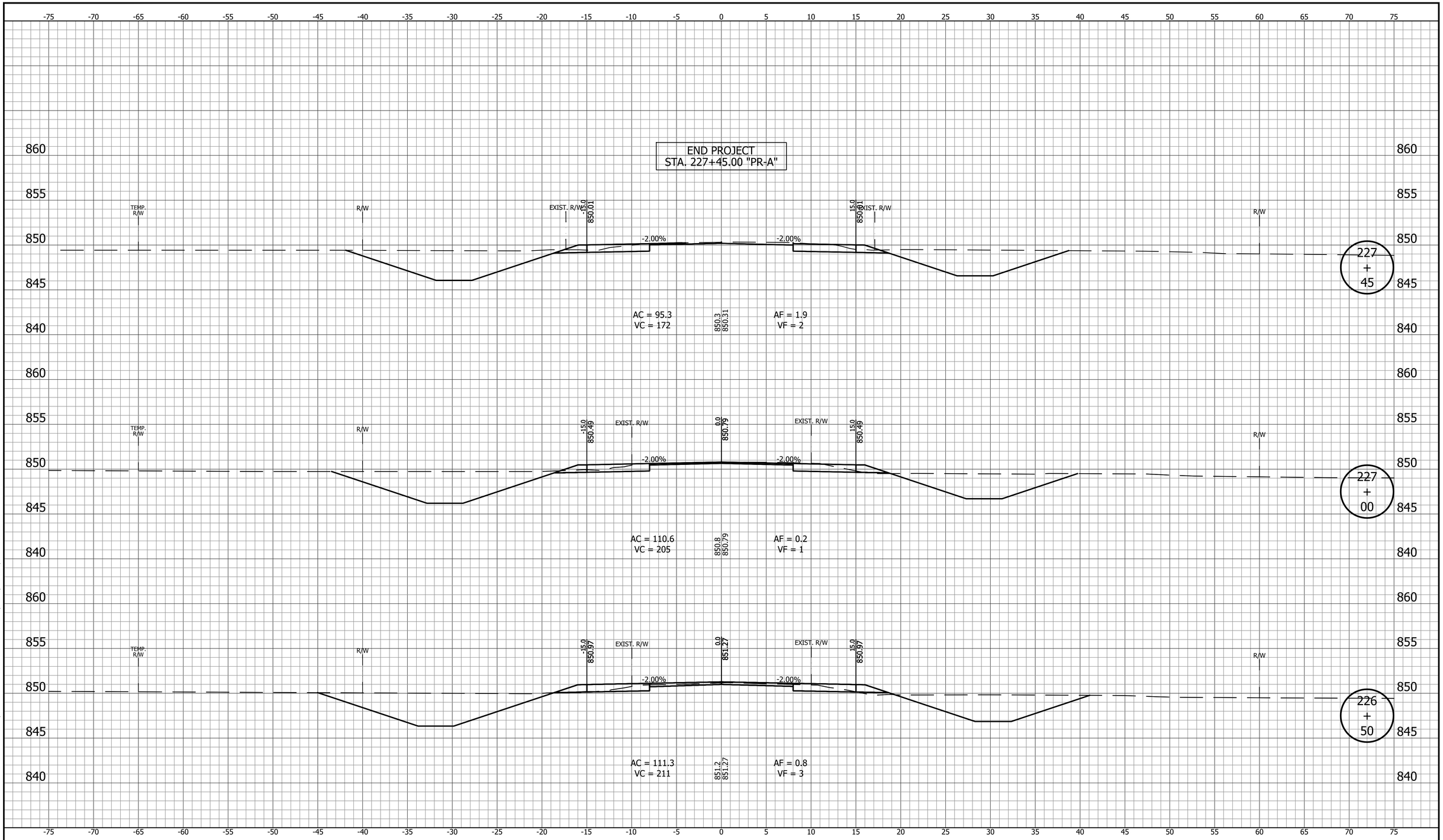
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