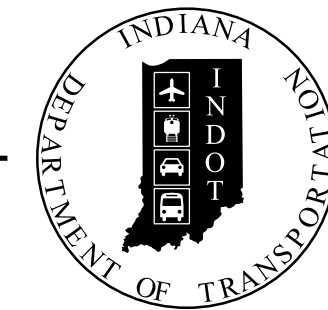


PROJECT	DESIGNATION
1800156	1800156
CONTRACT	BRIDGE FILE
B-41547	218-90-10417

STRUCTURE INFORMATION				
STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
218-90-10417	Precast Reinforced Concrete 3-Sided Structure	Single Span: 36'-11 $\frac{3}{8}$ " Skew: 30° Lt.	Rock Creek	572+00 Line "S"

KIN PROJECT INFORMATION	
DESIGNATION	PROJECT DESCRIPTION
1600275	BRIDGE REPLACEMENT, SR 218 OVER WABASH RIVER OVERFLOW
1800156	BRIDGE REPLACEMENT, SR 218 OVER ROCK CREEK
1800209	BRIDGE REPLACEMENT, SR 218 OVER WABASH RIVER (LEAD PROJECT)

INDIANA DEPARTMENT OF TRANSPORTATION



BRIDGE PLANS

BRIDGE REPLACEMENT

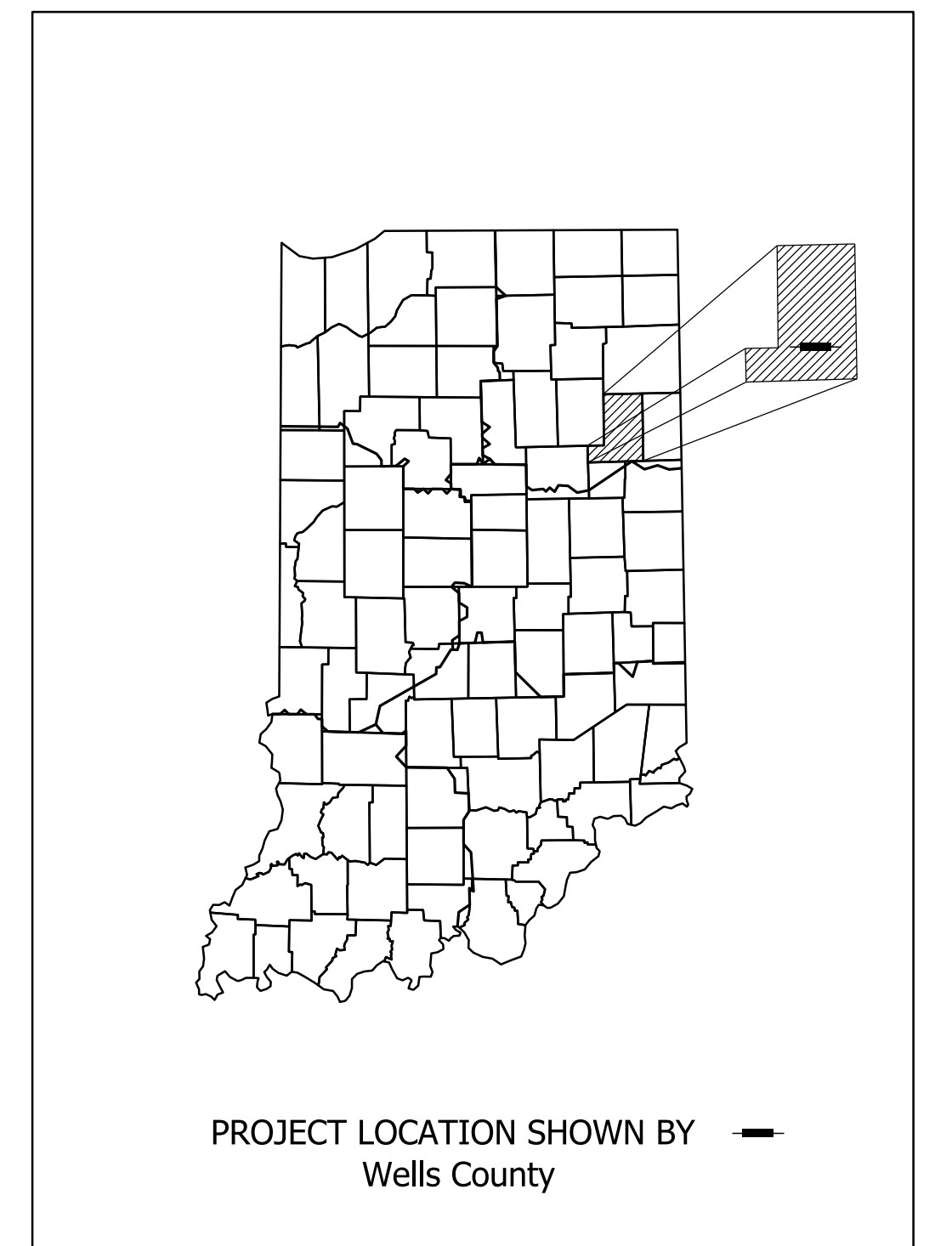
ROUTE: SR 218 AT: RP 70+98

PROJECT NO. 1800156 P.E.
1800156 R/W
1800156 CONST.

Bridge Replacement on SR 218 over Rock Creek
Located 2.16 Miles West of SR 1
Section 32, T-26-N, R-12-E, Nottingham Township and
Section 5, T-25-N, R-12-E, Harrison Township, Wells County, Indiana

TRAFFIC DATA		
A.A.D.T. (2022)		1,469 V.P.D.
A.A.D.T. (2042)		1,614 V.P.D.
D.H.V (2042)		136 V.P.H.
DIRECTIONAL DISTRIBUTION		49.5 %
TRUCKS		27 % A.A.D.T. 21 % D.H.V.

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

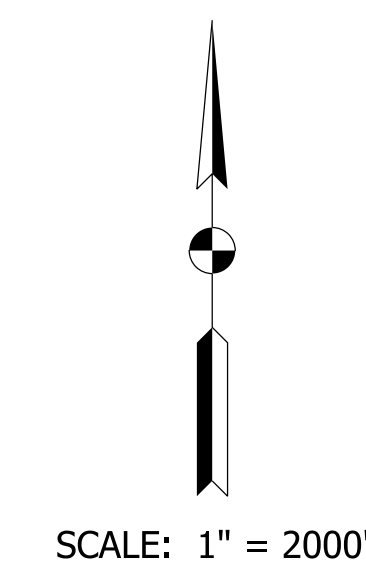
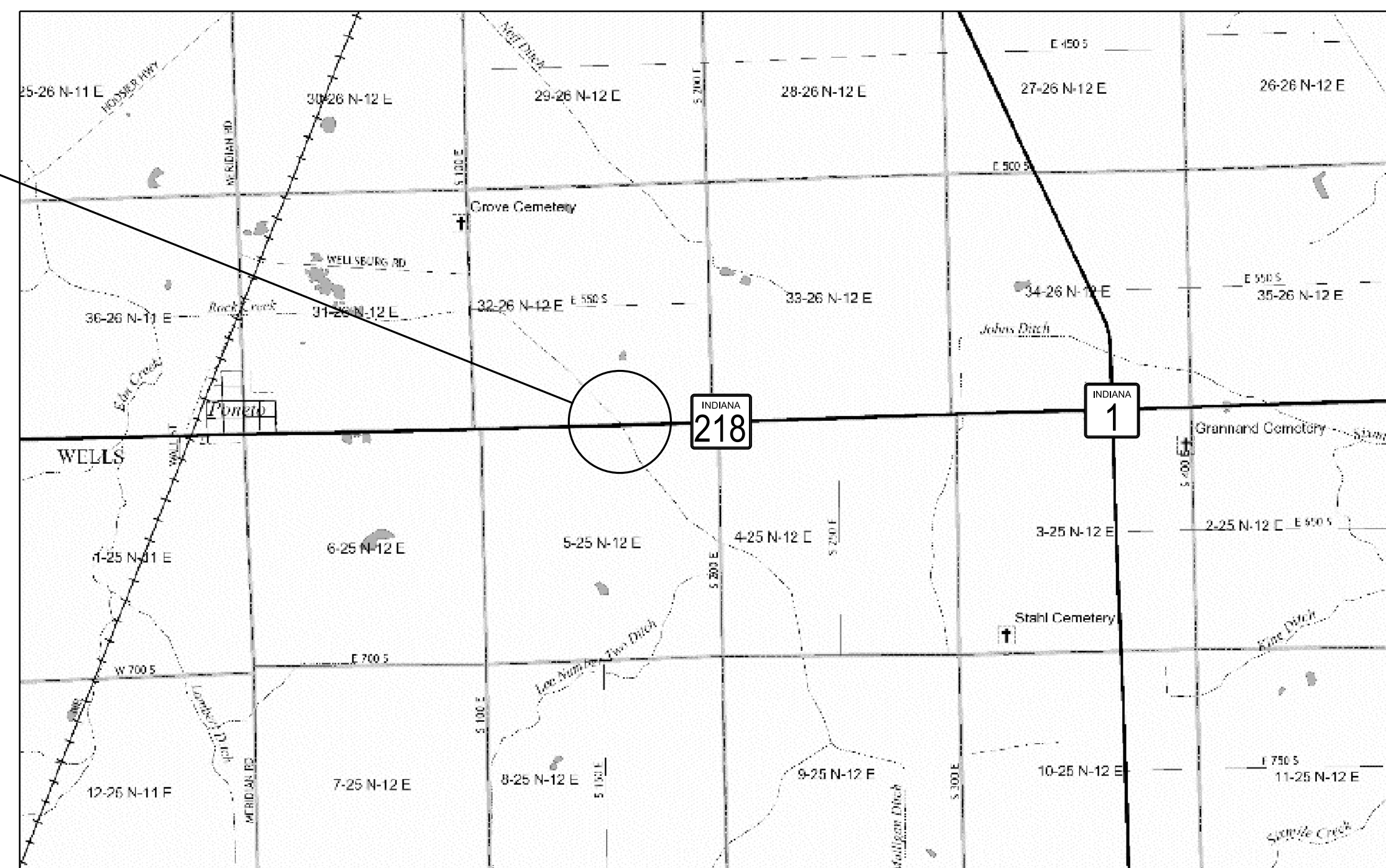


LATITUDE: N 40°39'16" LONGITUDE: W 85°11'28"

BRIDGE LENGTH: 0.007 MI.
ROADWAY LENGTH: 0.145 MI.
TOTAL LENGTH: 0.152 MI.
MAX. GRADE: +0.30%

HUC: 05120101080010

Project Location
Str. 218-90-10417
Begin Project: Sta. 567+00.00 "S"
End Project: Sta. 575+00.00 "S"



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

PLANS PREPARED BY: Indiana Department of Transportation 317-232-5163 PHONE NUMBER
CERTIFIED BY: _____ DATE _____
RECOMMENDED FOR LETTING: INDIANA DEPARTMENT OF TRANSPORTATION DATE _____

BRIDGE FILE	
218-90-10417	
DESIGNATION	
1800156	
SHEETS	
1	of 15
CONTRACT	PROJECT
B-41547	1800156

Plot: 6/15/2020 1:15 PM

UTILITIES

TO BE COMPLETED UPON COMPLETION OF UTILITIES COORDINATION



Know what's below.
Call before you dig.

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

INDEX

SHEET NO.	SUBJECT
1	TITLE SHEET
2	INDEX SHEET
3	ROADWAY DETAILS
4	MAINTENANCE OF TRAFFIC - DETOUR PLAN
5	PLAN & PROFILE - LINE "S"
6	LAYOUT - LINE "S"
7 - 8	GENERAL PLAN
9	ROAD SUMMARY
10 - 15	CROSS SECTIONS - LINE "S"

REVISIONS

SHEET NO.	DATE	REVISED

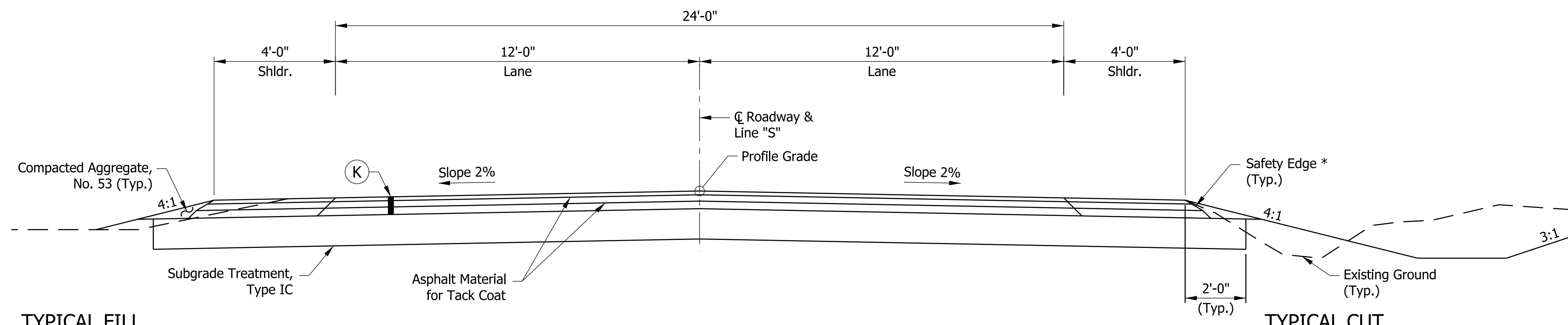
Plot: 6/15/2020 1:15 PM

File: pv:\dotwise\indot.in.gov\DOTWise\Documents\Fort Wayne\1800156\Design\MSCConnect\Sht Index.dgn
Model:BR_Index Sheet

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: WLC	03/2020	DRAWN: WLC
CHECKED: MCB	03/2020	CHECKED: MCB

INDIANA DEPARTMENT OF TRANSPORTATION	
INDEX SHEET	

SCALE	BRIDGE FILE
N/A	218-90-10417
	DESIGNATION
	1800156
	SHEETS
	2 of 15
CONTRACT	PROJECT
B-41547	1800156

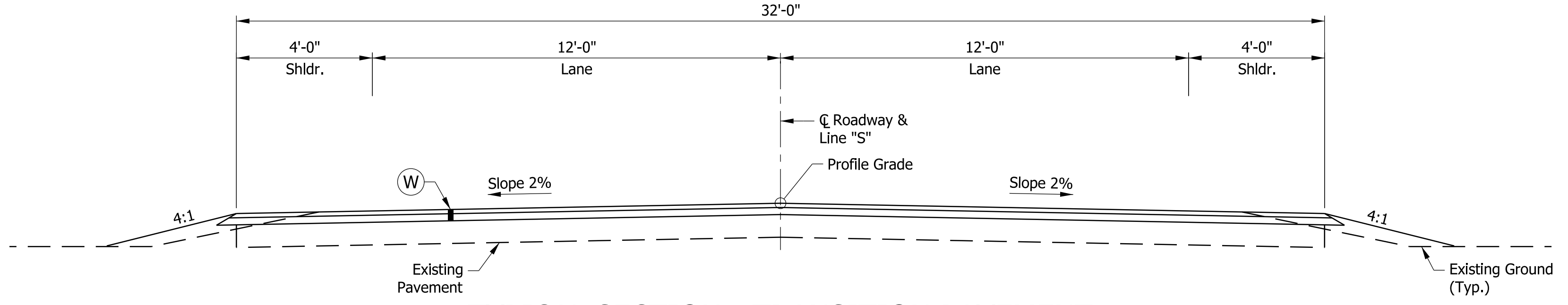


TYPICAL ROADWAY SECTION
Sta. 568+00.00 "S" to Sta. 574+00.00 "S"
Scale: 3/8" = 1'-0"

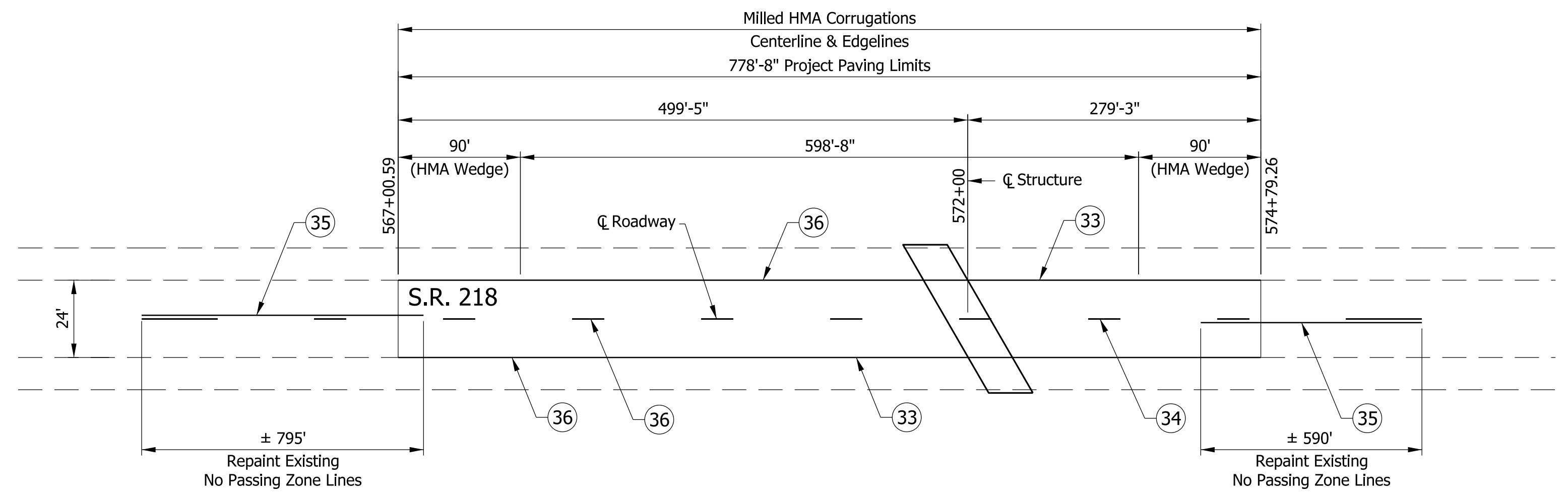
* Safety Edge (30°) applicable to Surface and Intermediate Layers only.
Note: The pavement safety edge is not required in locations of curb, guardrail, or barrier rail. The Contractor may, however, choose to construct the pavement safety edge within these limits.

TYPICAL FILL

TYPICAL CUT



TYPICAL SECTION - TRANSITION PAVEMENT
Sta. 567+00.00 "S" to Sta. 568+00.00 "S"
Sta. 574+00.00 "S" to Sta. 575+00.00 "S"
Scale: 3/8" = 1'-0"



PERMANENT PAVEMENT MARKING DETAIL
Not to Scale

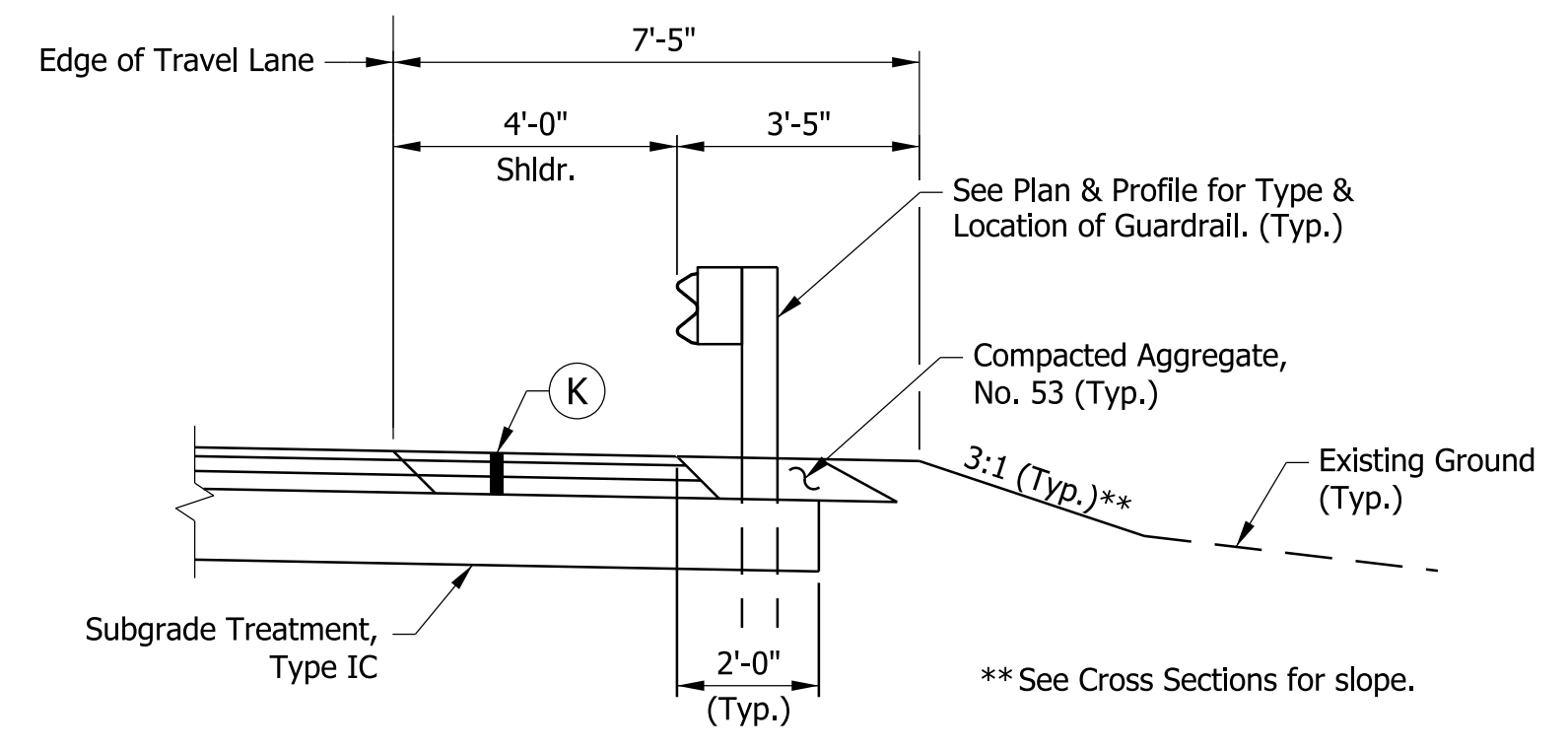
PAVEMENT MARKING LEGEND & QUANTITIES

33	Line, Paint, Solid, White, 4 inch	1560 Lft.
34	Line, Paint, Broken, Yellow, 4 inch	2084 Lft.
35	Line, Paint, Solid, Yellow, 4 inch	1385 Lft.
36	Milled HMA Corrugations	2340 Lft.
	Snowplowable Raised Pavement Marker, Remove	10 Ea.
	Snowplowable Raised Pavement Marker	10 Ea.

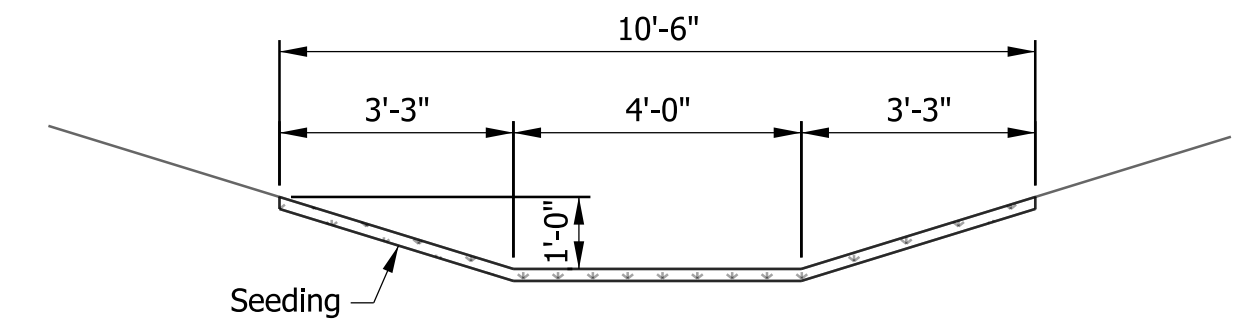
NOTE TO REVIEWER:
Final Pavement Design will be included in Stage 3 Submittal.

LEGEND

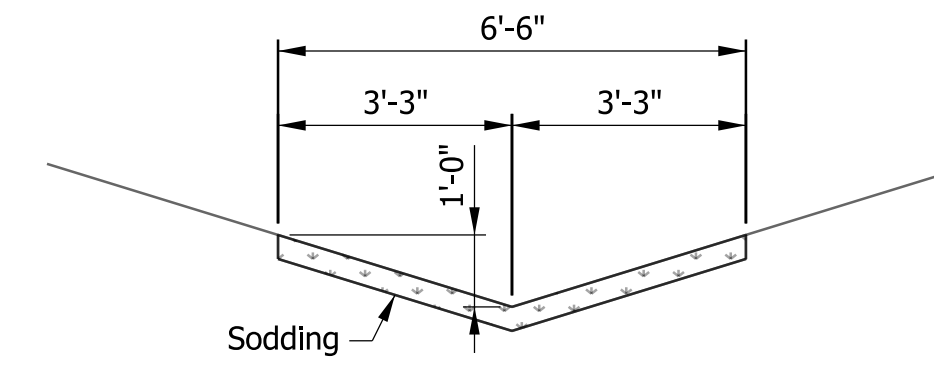
- (K) 165 lbs/yd² QC/QA-HMA, 3, 64, Surface, 9.5 mm on 275 lbs/yd² QC/QA-HMA, 3, 64, Intermediate, 12.5 mm, on 330 lbs/yd² QC/QA-HMA, 3, 64, Base, 12.5 mm, on Subgrade Treatment, Type IC (Tack Coat between HMA layers.)
- (W) 165 lbs/yd² QC/QA-HMA, 3, 64, Surface, 9.5 mm on 220 lbs/yd² QC/QA-HMA, 3, 64, Intermediate, 12.5 mm



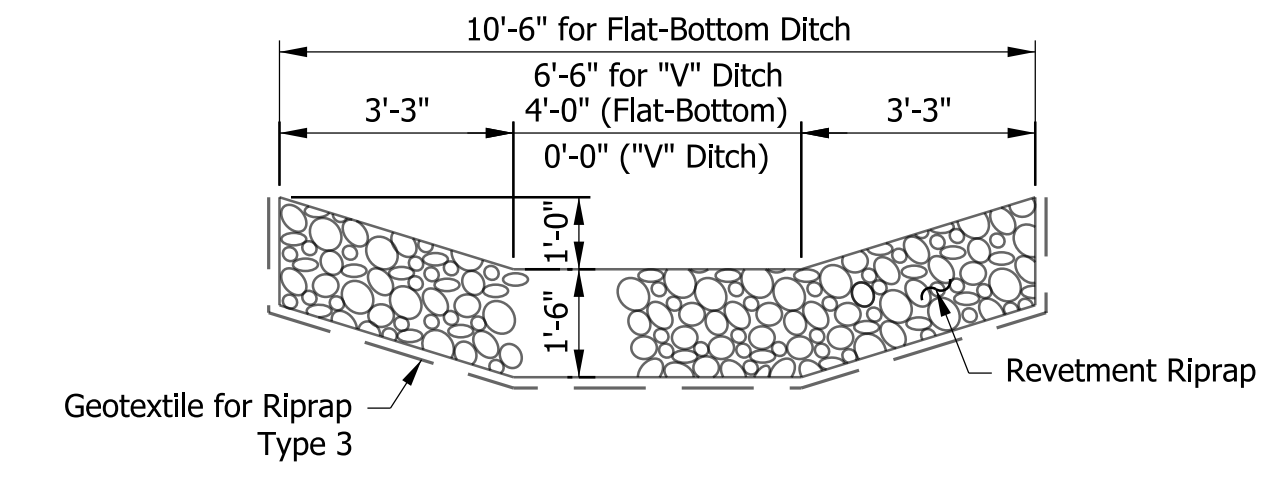
TYPICAL SHOULDER SECTION W/ GUARDRAIL
Sta. 570+14.00 "S" to Sta. 573+81.25 "S"
Scale: 3/8" = 1'-0"



TYPICAL FLAT-BOTTOM DITCH
Scale: 3/8" = 1'-0"



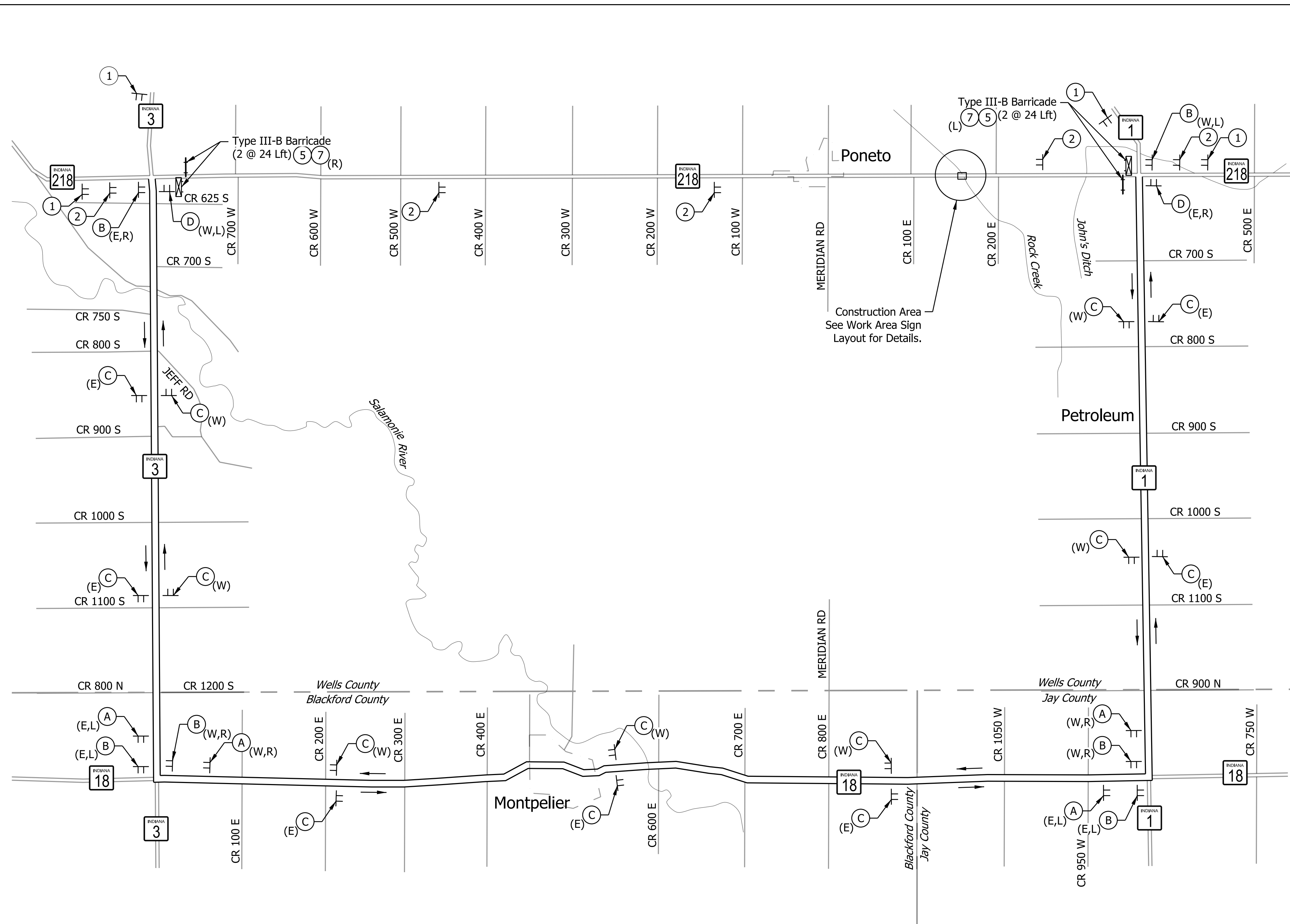
TYPICAL "V" DITCH
Scale: 3/8" = 1'-0"



TYPICAL RIPRAP SIDE DITCH (R.R.S.D)
Scale: 3/8" = 1'-0"

Plot: 6/16/2020 3:19 PM

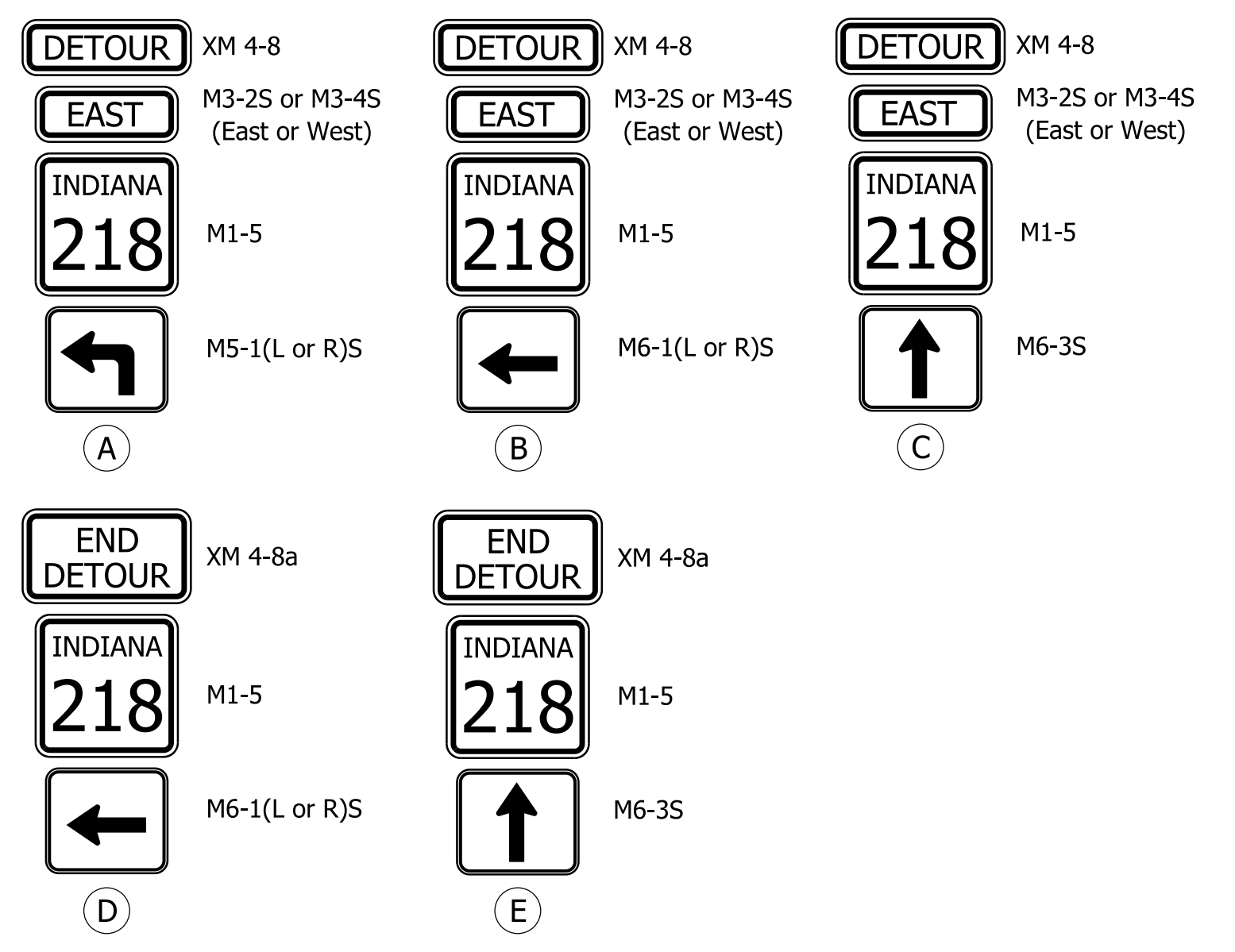
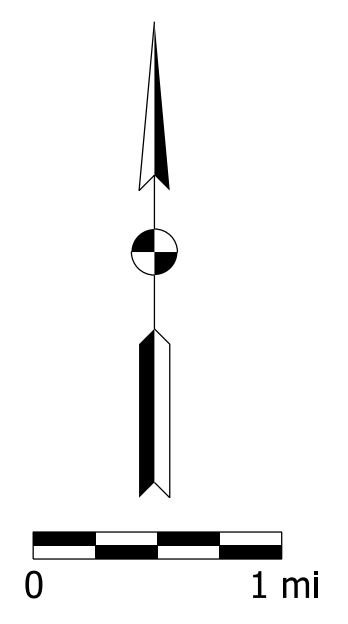
DATE	REVISION	RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE	BRIDGE FILE
						ROADWAY DETAILS		AS NOTED	218-90-10417
		DESIGNED: MCB	05/2020	DRAWN: WLC	05/2020				DESIGNATION
		CHECKED: CRF	05/2020	CHECKED: MCB	05/2020				1800156
									SHEETS
									3 of 15
									PROJECT
									1800156



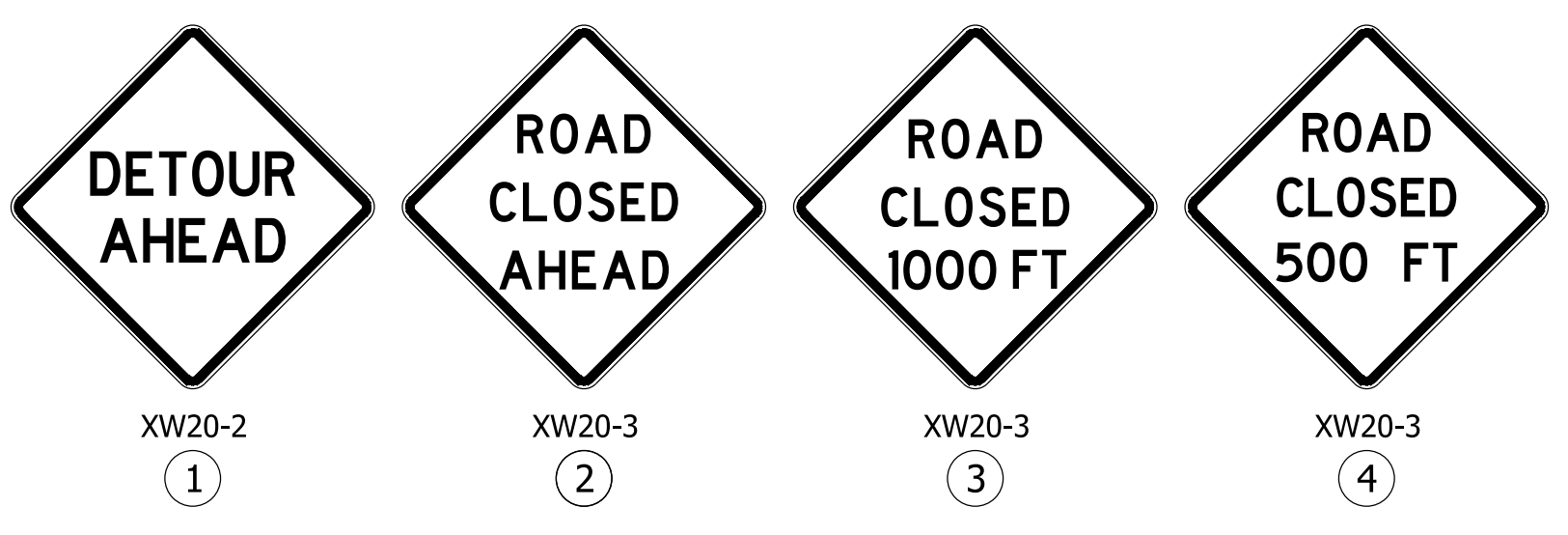
DETOUR MAP
Not to Scale

LEGEND

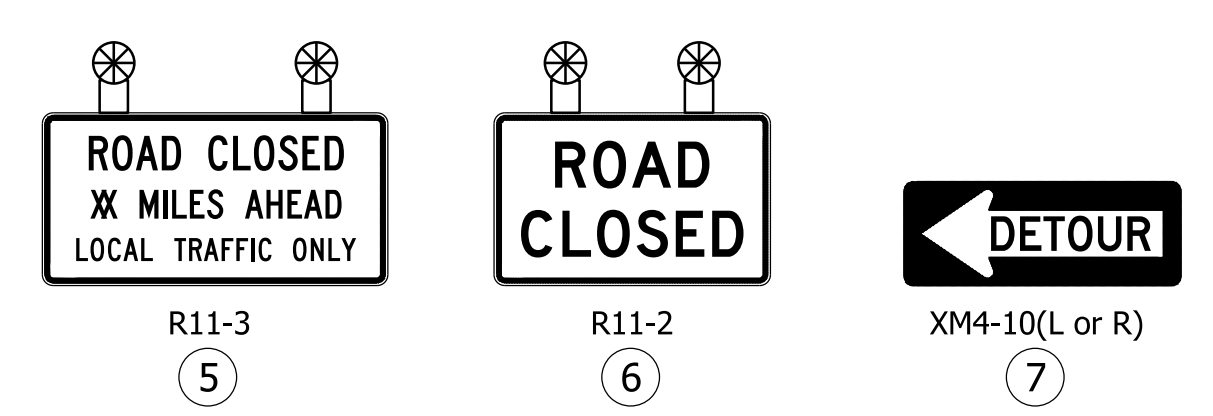
- Construction Sign
- Type III Barricade
- Type III Barricade & Road Closure Sign Assembly
- Type "A" Low Intensity Light
- E East
- W West
- L Left
- R Right
- Town Limits



DETOUR ROUTE MARKER ASSEMBLIES



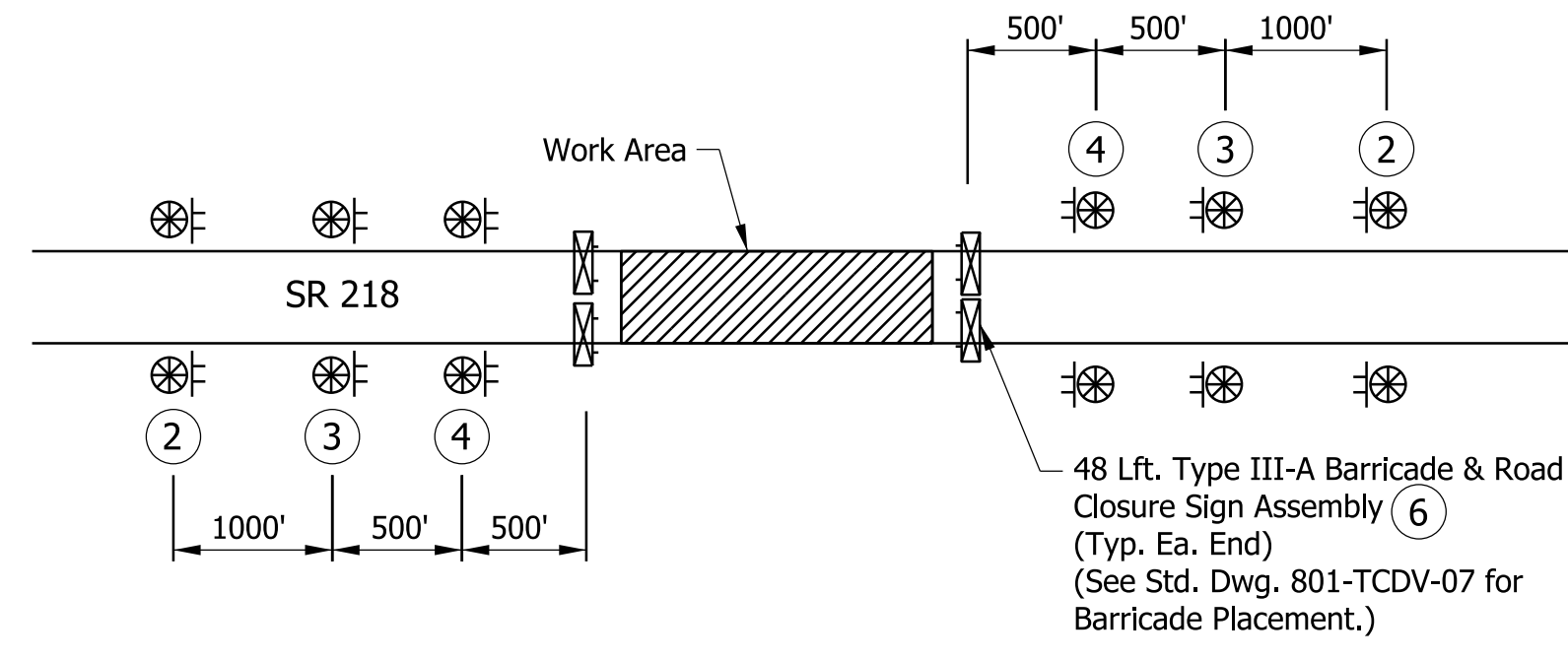
CONSTRUCTION SIGNS



ROAD CLOSURE SIGN ASSEMBLIES

MAINTENANCE OF TRAFFIC QUANTITIES

Construction Sign, Type A	21 Ea.
Road Closure Sign Assembly	6 Ea.
Detour Route Marker Assembly	26 Ea.
Barricade, Type III-A	96 Lft.
Barricade, Type III-B	96 Lft.



WORK AREA SIGN LAYOUT
Not to Scale

NOTES

See Std. Dwg. 801-TCDDT-01 for sign location details.
Estimated 30 ton quantity of HMA patching included for repairing detour route as directed by the Engineer.

Plot: 6/15/2020 1:16 PM

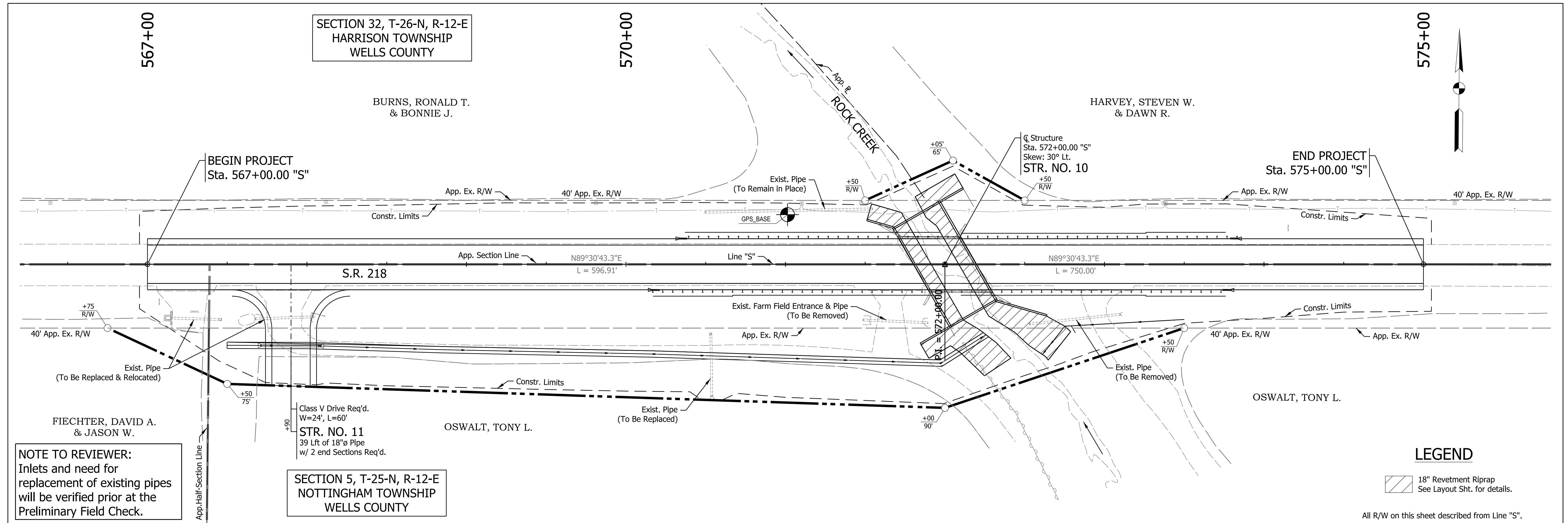
DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: WLC	03/2020	DRAWN: WLC 03/2020
CHECKED: MCB	03/2020	CHECKED: MCB 03/2020

INDIANA
DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC
DETOUR PLAN**

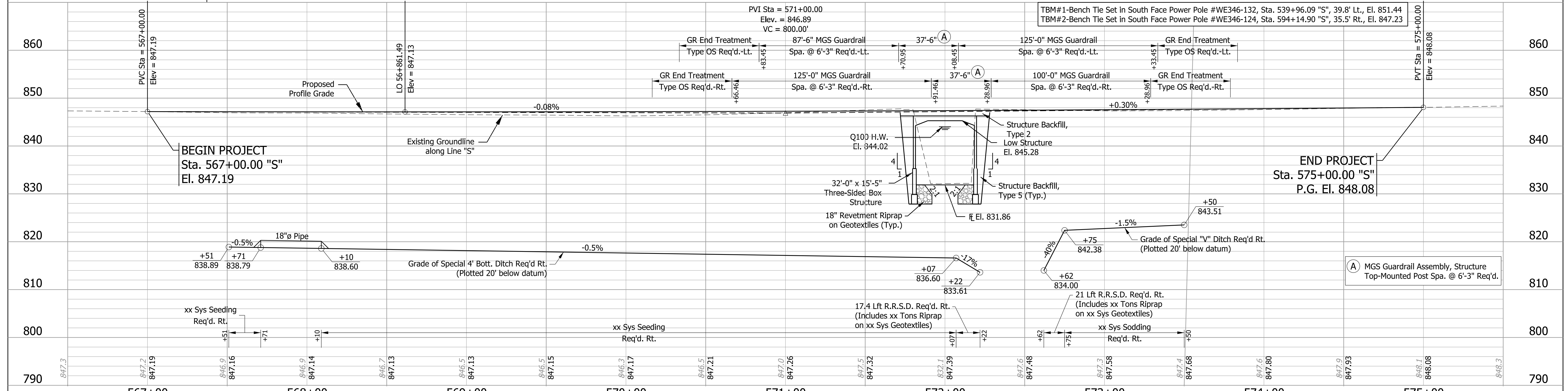
SCALE	BRIDGE FILE
AS NOTED	218-90-10417
	DESIGNATION
	1800156
	SHEETS
	4 of 15
CONTRACT	PROJECT
B-41547	1800156



NOTE TO REVIEWER:
Inlets and need for replacement of existing pipes will be verified prior at the Preliminary Field Check.

SECTION 5, T-25-N, R-12-E
NOTTINGHAM TOWNSHIP
WELLS COUNTY

LEGEND
18" Revetment Riprap
See Layout Sht. for details.



<p>GPS BASE POINT N:156294.3023 E:803624.1592 MAG NAIL S. FA. POLE FLUSH 20.43'</p>	<p>CONTROL POINT #107 N:156258.9844 E:803126.2411 WELLS CO. WITNESS POST SR 218 1" IRON PIN, FLUSH SOUTH 1/4 COR., SEC. 32, T26N, R12E</p>	<p>CONTROL POINT #227 N:156257.7181 E:802973.1528 MAG SPIKE SET FLUSH</p>	<p>CONTROL POINT #229 N:156270.4571 E:804473.0987 MAG SPIKE SET FLUSH</p>	<p>CONTROL POINT #400 N:187235.4090 E:759068.0700 5/8" REBAR W/ CP CAP, FLUSH MAG NAIL S. FA. POLE MAG NAIL N. EDGE PVMT. SR 218</p>	<p>CONTROL POINT #401 N:187235.4090 E:759068.0700 MAG NAIL S. EDGE PVMT. SR 218 MAG NAIL S. EDGE PVMT. MAG NAIL N. EDGE PVMT. SR 218 5/8" REBAR W/ CP CAP, FLUSH</p>	<p>RECOMMENDED FOR APPROVAL</p>	<p>DESIGN ENGINEER DATE</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p>	<p>HORIZONTAL SCALE 1" = 30'</p>	<p>BRIDGE FILE 218-90-10417</p>
<p>DESIGNED: MCB 06/2020</p>	<p>DRAWN: WLC 06/2020</p>	<p>PLAN & PROFILE LINE "S"</p>		<p>SURVEY BOOK</p>	<p>SHEETS 5 of 15</p>					
<p>CHECKED: CRF 06/2020</p>	<p>CHECKED: MCB 06/2020</p>	<p>CONTRACT B-41547</p>		<p>PROJECT 1800156</p>	<p>1800156</p>					

PLOT: 6/15/2020 1:16PM

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SECTION 32, T-26-N, R-12-E
HARRISON TOWNSHIP
WELLS COUNTY

570+00

575+00

BURNS, RONALD T.
& BONNIE J.

HARVEY, STEVEN W.
& DAWN R.

END PROJECT
Sta. 575+00.00 "S"

Hatched Area Indicates xx Tons of
18" Revetment Riprap on xx Sys of
Geotextiles for Riprap, Type 2

Structure
Sta. 572+00.00 "S"
Skew: 30° Lt.
STR. NO. 10

EXISTING STRUCTURE

Existing Structure is a Single-Span Reinforced Concrete Bridge (36'-0")
with a 32'-0" Clear Roadway. (Entire structure to be removed.)

HYDRAULIC DATA

Drainage Area	8.96 sq. mi.
Q100 Discharge	1,450 cfs
Q100 Elevation	843.81 ft
Q100 Contraction Scour Depth	1.48 ft
Q100 Total Scour Depth	1.48 ft
Flowline Elevation (from HEC-RAS model)	831.86 ft
Q100 Low Scour Elevation	830.38 ft
Q100 Max. Velocity	5.48 ft/sec
Q100 Ave. Velocity	4.59 ft/sec

S.R. 218

N89°30'43.3"E
L = 596.91'

N89°30'43.3"E
L = 750.00'

Exist. Farm Field Entrance & Pipe
(To Be Removed)

Exist. Pipe
(To Be Removed)

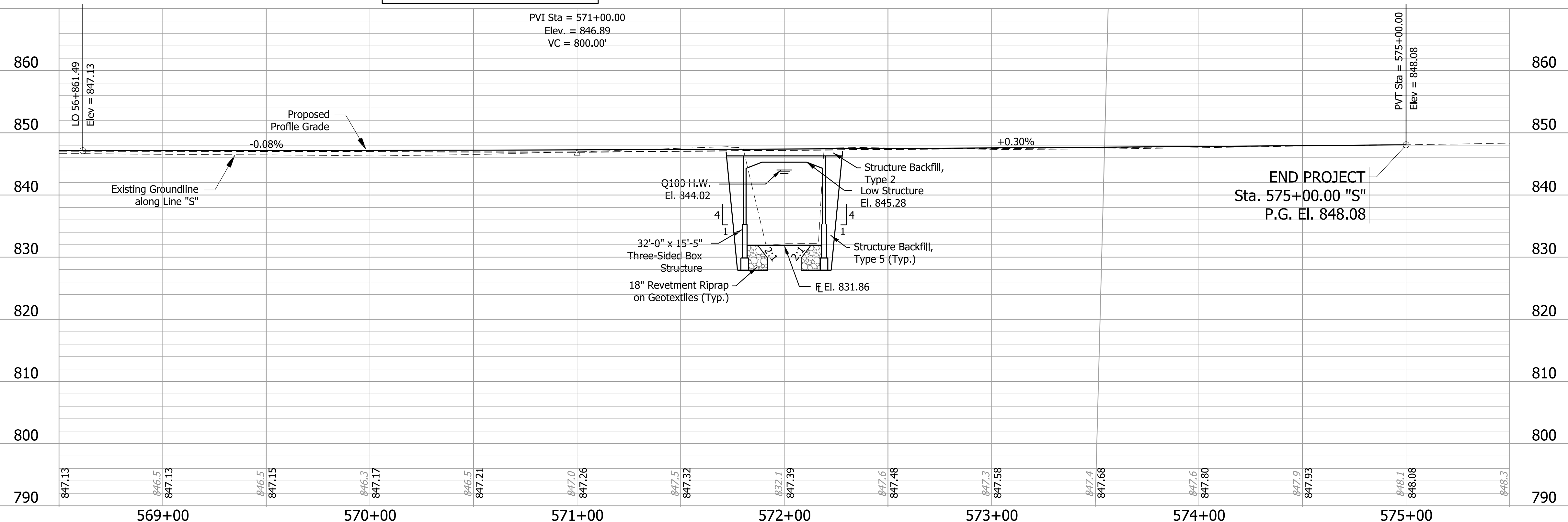
NOTE TO REVIEWER:
Inlets and need for
replacement of existing pipes
will be verified prior at the
Preliminary Field Check.

Hatched Area Indicates xx Tons of
18" Revetment Riprap on xx Sys
of Geotextiles for Riprap, Type 2

SECTION 5, T-25-N, R-12-E
NOTTINGHAM TOWNSHIP
WELLS COUNTY

OSWALT, TONY L.

OSWALT, TONY L.



LEGEND

18" Revetment Riprap

NOTES

All R/W on this sheet described from Line "S".
For General Notes, see Sht. xx.

**PRECAST REINFORCED CONCRETE FLAT TOP
3-SIDED STRUCTURE
32'-0" SPAN X 15'-5" RISE
32'-0" CLEAR ROADWAY SKEW: 30° LT.
S.R. 218 OVER ROCK CREEK
WELLS COUNTY**

Plot: 6/15/2020 1:28 PM

DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MCB	05/2020	DRAWN: WLC
CHECKED: CRF	05/2020	CHECKED: MCB

INDIANA
DEPARTMENT OF TRANSPORTATION

**LAYOUT
LINE "S"**

HORIZONTAL SCALE	BRIDGE FILE
1" = 30'	218-90-10417
VERTICAL SCALE	DESIGNATION
1" = 10'	1800156
CONTRACT	SHEETS
B-41547	6 of 15
PROJECT	1800156

GENERAL NOTES

Contractor shall verify the existing flowline elevation to set appropriate sump depth. (1'-0" Sump)

Bottom of footing elevation for three-sided structure shall be at least 4 ft, or deeper, below flowline elevation.

The exterior precast unit shall be mechanically fastened to the adjacent unit at both ends of the structure. Mechanical fastening detail shall be provided by Precast Manufacturer.

Alternate cast-in-place wingwalls may be substituted for the precast windwall shown in Section C-C.

A Three-Sided Arch Topped or True Arch Structure will not be permitted at this location.

The following surfaces shall be Surface Sealed:
The exposed faces of headwalls and wingwalls.
(Estimated Quantity = x,xxx Sft)

Riprap to be placed in accordance with Std. Dwg. 723-CCSP-04.

DESIGN DATA

Live Load: Designed for HL-93 Loading in accordance with the AASHTO LRFD Bridge Design Specifications, 8th Edition, 2017.

Dead Load: Designed for actual dead load plus 35 lbs/sft future wearing surface.

REINFORCED CONCRETE (CAST-IN-PLACE)

Unit Stresses:
Concrete, Class A $f_c = 3,500$ psi
Concrete, Class B $f_c = 3,000$ psi
Reinforcing Steel (Grade 60) $f_y = 60,000$ psi

WINGWALL INFORMATION

	LENGTH	AREA
Wing "A"	16'-10"	278 Sft
Wing "B"	16'-6"	250 Sft
Wing "C"	32'-5"	512 Sft
Wing "D"	21'-0"	294 Sft

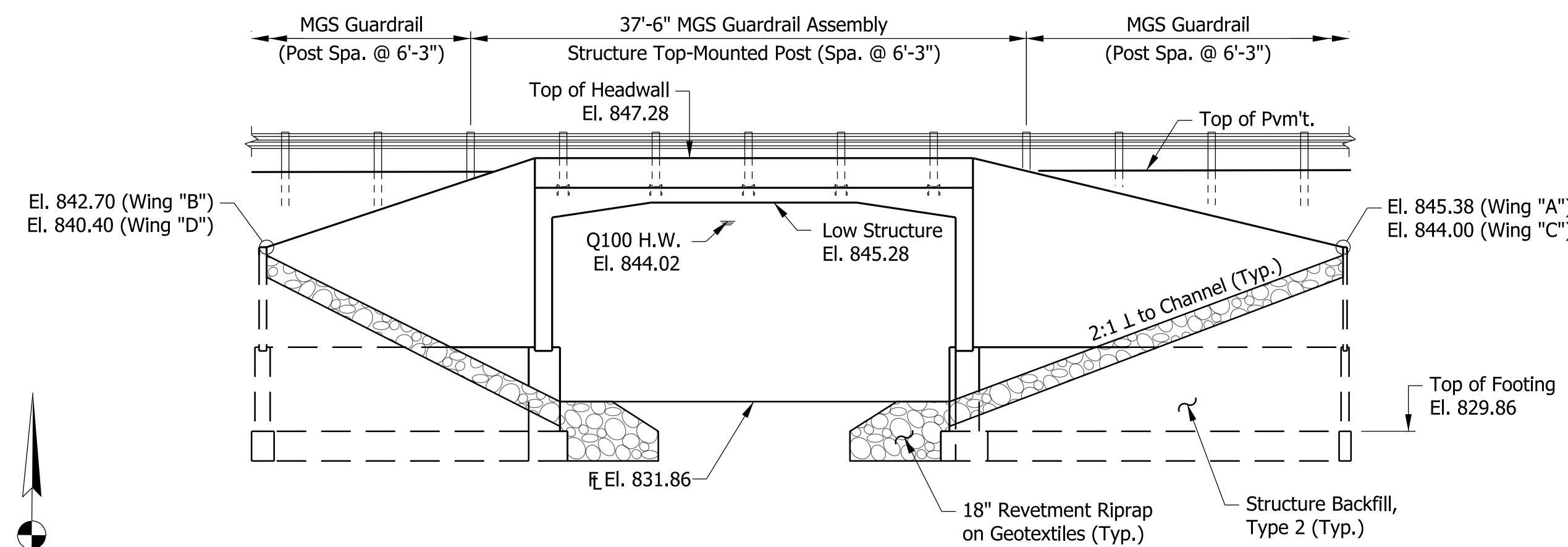
NOTE TO REVIEWER:
Soil Parameters Table will be provided on Stage 3 Submittal.

NOTES

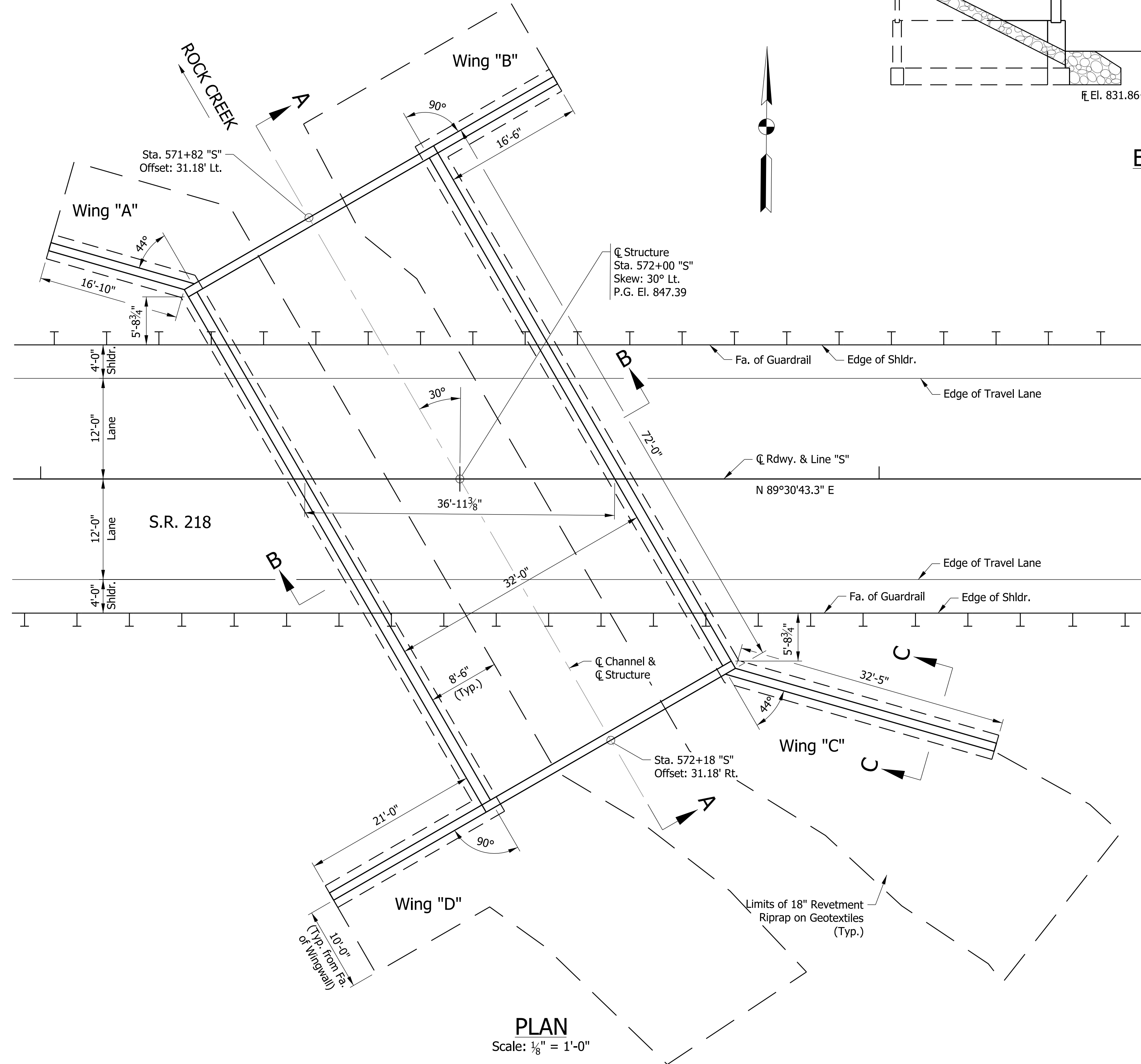
For Sections A-A, B-B, and C-C, see Sheet xx.

For Layout, see Sheet xx.

PRECAST REINFORCED CONCRETE FLAT TOP
3-SIDED STRUCTURE
32'-0" SPAN X 15'-5" RISE
32'-0" CLEAR ROADWAY SKEW: 30° LT.
S.R. 218 OVER ROCK CREEK
WELLS COUNTY



ELEVATION
Scale: 1/8" = 1'-0"



PLAN
Scale: 1/8" = 1'-0"

DATE	REVISION

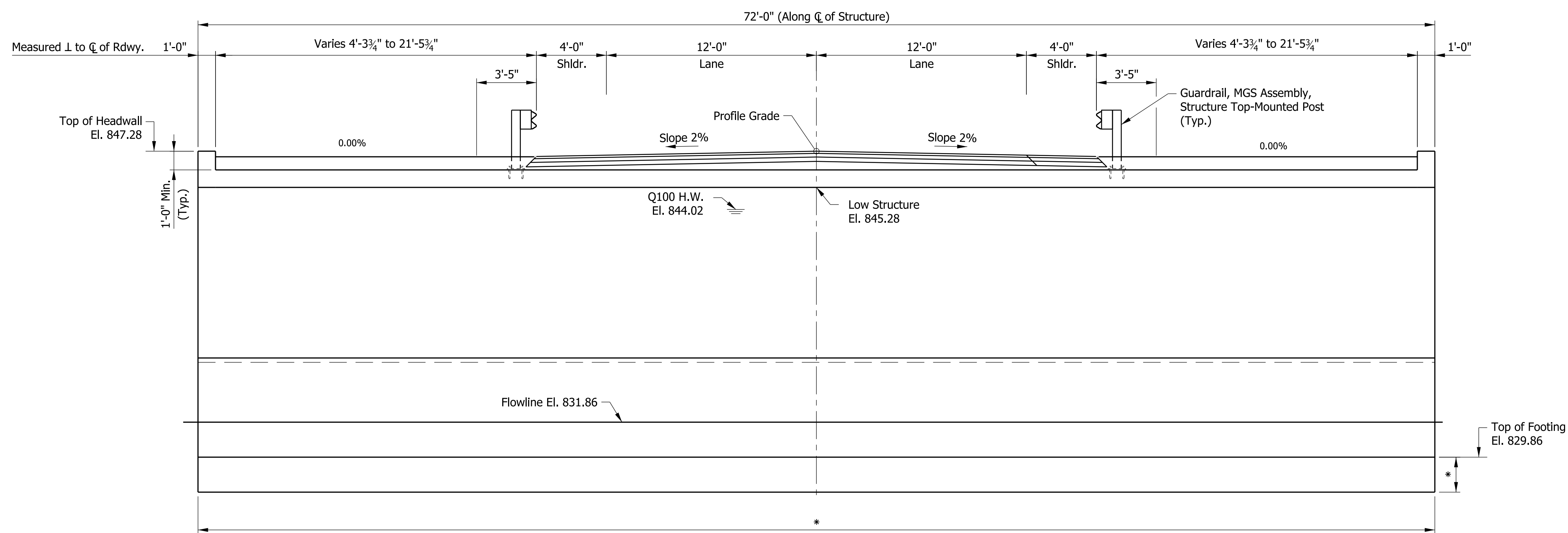
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MCB	05/2020	DRAWN: WLC
CHECKED: CRF	05/2020	CHECKED: MCB

INDIANA
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN
PLAN & ELEVATION

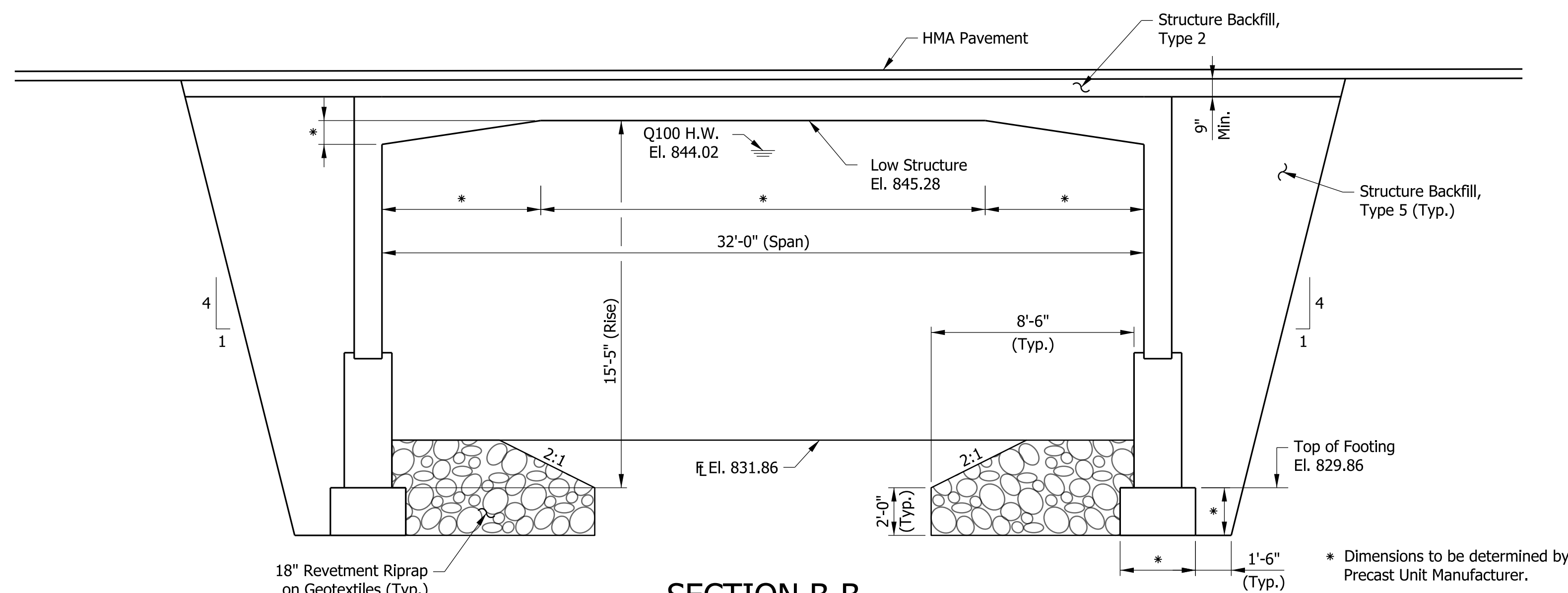
SCALE	BRIDGE FILE
AS NOTED	218-90-10417
	DESIGNATION
	1800156
	SHEETS
	7 of 15
CONTRACT	PROJECT
B-41547	1800156

Plot: 6/15/2020 1:17 PM



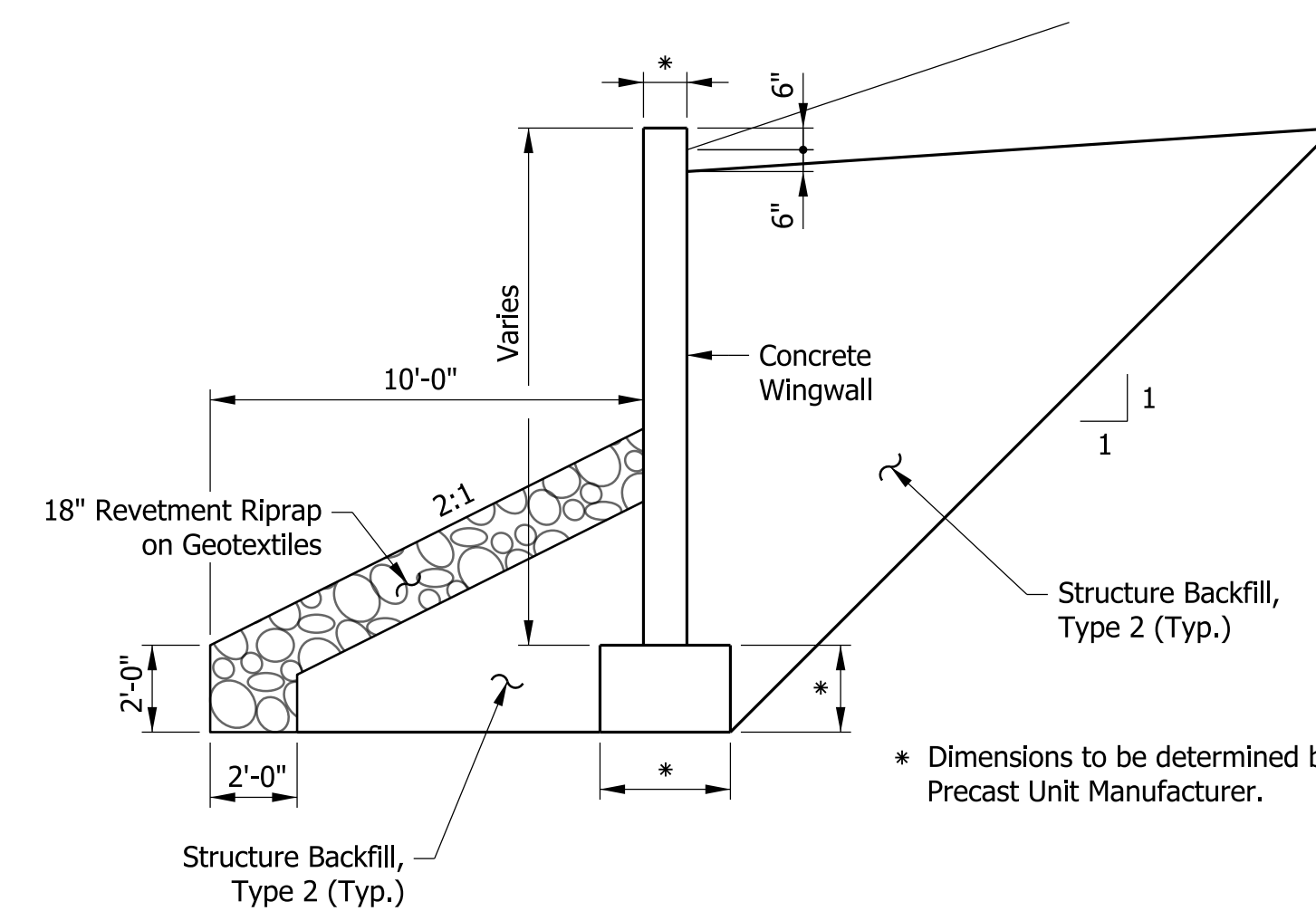
SECTION A-A
Scale: 1/4" = 1'-0"

* Dimensions to be determined by Precast Unit Manufacturer.



SECTION B-B
Scale: 1/4" = 1'-0"

* Dimensions to be determined by Precast Unit Manufacturer.



SECTION C-C
Scale: 1/4" = 1'-0"

* Dimensions to be determined by Precast Unit Manufacturer.

**PRECAST REINFORCED CONCRETE FLAT TOP
3-SIDED STRUCTURE
32'-0" SPAN X 15'-5" RISE
32'-0" CLEAR ROADWAY SKEW: 30° LT.
S.R. 218 OVER ROCK CREEK
WELLS COUNTY**

DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MCB	05/2020	DRAWN: WLC
CHECKED: CRF	05/2020	CHECKED: MCB

INDIANA
DEPARTMENT OF TRANSPORTATION

**GENERAL PLAN
SECTIONS**

SCALE AS NOTED	BRIDGE FILE 218-90-10417
DESIGNATION 1800156	SHEETS 8 of 15
CONTRACT B-41547	PROJECT 1800156

Plot: 6/15/2020 1:17 PM

PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH FT	LENGTH FT	RADI FT	DISTANCE BEYOND R/W LINE FT	SURFACE BEYOND R/W LINE			GRADE	EXCAVATION	CLEAR ZONE AT DRIVE FT	QC/QA-HMA				HMA FOR PATCHING				SEAL COAT TYPE	ASPHALT MATERIAL FOR			COMPACTED AGGREGATE FOR BASE NO. 53		COMPACTED AGGREGATE FOR SURFACE NO.73		SUBGRADE TREATMENT TYPE IC	COMMON EXCAVATION CYS	GEOTEXTILE FOR SUBGRADE, TYPE 2B SYS	LINEAR GRADING LFT	LIQUID ASPHALT SEALANT LFT	JOINT ADHESIVE, SURFACE LFT	JOINT ADHESIVE, INTERMEDIATE LFT	MILLING TRANSITION SYS	REMARKS
						COMPACTED AGGREGATE BASE SYS	HMA SYS	PCCP SYS				2.5" SURFACE, 9.5 mm	INTERMD TYPE A LBS PER SYD	BASE TYPE	INTERMD TYPE B TONS	BASE TYPE B TONS	BASE TYPE C TONS					PRIME COAT SYS	TACK COAT TONS	DEPTH		DEPTH										
																								6 IN.												
						165							440	1210																						
						TONS	TONS	TONS				TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS		TONS	TONS	TONS	TONS	TONS	TONS	TONS									
Line "SR 218"	HMA Transition																																			
	Mainline																																			
	Mainline																																			
	HMA Transition																																			
TOTALS												0				0	0	0					0	0	0	0	0	0	0	0	0	0	0			

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION				PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	LENGTH LFT	SKEW FT	FLOW LINE			SERVICE LIFE YR	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE	REVISION CYS	CONCRETE, CLASS A, FOR STR.	VIDEO INSPECTION LFT	PIPE END SECTION EA	GRATED BOX END SECTION		SAFETY METAL END SECTION		REMARKS									
	STATION	LEFT	CROSS	RIGHT					UP STREAM ELEV.	DOWN STREAM ELEV.	TYPE										SLOPE	EA	TYPE	SLOPE		EA								
	IN.																																	
10																																		
11																																		

PAVED SIDE DITCH, RIPRAP DITCH, AND SODDING SUMMARY TABLE

LOCATION	PAVEMENT SIDE DITCH				RIPRAP DITCH				SODDING				NURSERY SODDING FOR LAWNS																							
	LEFT	CROSS	RIGHT	ACTUAL LENGTH	TOTAL EQUIVALENT PAY LENGTHS				RIPRAP REVISION	RIPRAP, UNIFORM	GEOTEXTILE FOR RIPRAP, TYPE 3	FOR PAVED SIDE DITCHES		FOR DITCHES	FOR MEDIAN	FOR SHOULDER BREAK	SODDING AT BRIDGE CONE	TOTAL SODDING																		
					CUT OFF WALLS (6 FT EQUAL LENGTH EACH)	TYPE	LFT	LFT											LFT	LFT	LFT	LFT	TONS	TONS	SYS	SYS	SYS	SYS	SYS	SYS						
TOTALS																																			0.0	0

GUARDRAIL SUMMARY TABLE

FROM STATION	TO STATION	MGS W-BEAM GUARDRAIL LENGTH												CURVED W-BEAM GUARDRAIL SYSTEM					REMARKS																								
		LEFT	MEDIAN LEFT	MEDIAN RIGHT	RIGHT	STANDARD POST AT 6 FT 3 IN. SPA.	STANDARD POST AT 3 FT 1.5 IN. SPA.	DOUBLE FACED AT 6 FT 3 IN. SPA.	DOUBLE FACED AT 3 FT 1.5 IN. SPA.	HEIGHT TRANSITION	GUARDRAIL TRANSITION WITH CURB	GUARDRAIL TRANSITION WITHOUT CURB	STRUCTURE TOP-MOUNTED POST	CABLE TERMINAL ANCHOR	SHOP CURVED AT _____ FT. SPA.	LONG SPAN GUARDRAIL	GUARDRAIL FLARE RATE	GUARDRAIL END TREATMENT TYPE OS		GUARDRAIL END TREATMENT TYPE MS	GUARDRAIL TRANSITION TYPE TGB	W-BEAM STANDARD POST AT _____ SPA.	TERMINAL SYSTEM		CONNECTOR SYSTEM		GUARDRAIL REMOVE	GUARDRAIL RESET	IMPACT ATTENUATOR TYPE _____														
																							TYPE	EACH	TYPE	EACH				LFT	LFT	EACH											
TOTALS																																						0			0		

MONUMENT TABLE

LOCATION	OFFSET	TYPE	SECTION CORNER
		B	
		B	
TOTALS		2	

R/W MARKER SUMMARY

LT./RT.	STATION	OFFSET	NO. REQ'D.	FLUSH MOUNT
TOTAL				

Plot: 6/15/2020 1:17 PM

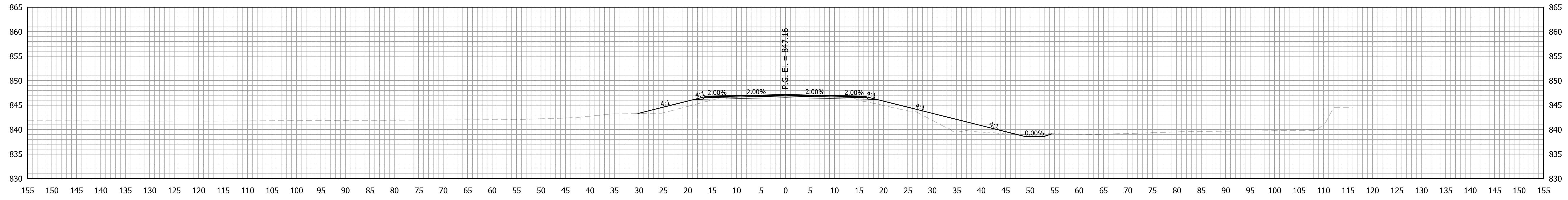
DATE	REVISION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: MCB _____	06/2020	DRAWN: WLC _____
06/2020	CHECKED: MCB _____	06/2020

**INDIANA
DEPARTMENT OF TRANSPORTATION**

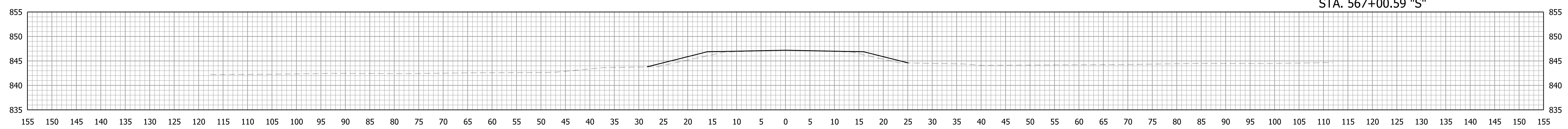
ROAD SUMMARY

SCALE N/A	BRIDGE FILE 218-90-10417
	DESIGNATION 1800156
	SHEETS 9 of 15
CONTRACT B-41547	PROJECT 1800156

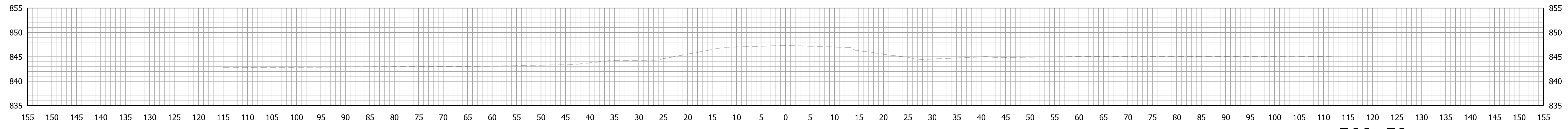


567+50

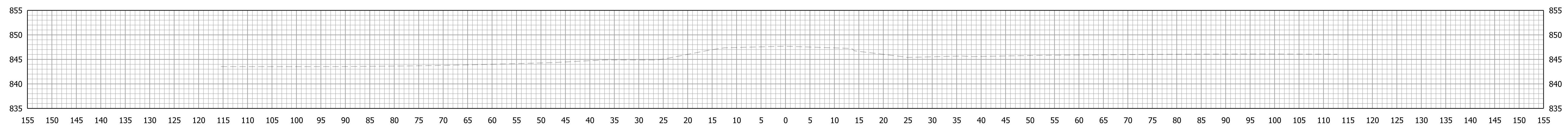
BEGIN PROJECT
STA. 567+00.59 "S"



567+00



566+50



566+00

Plot: 6/15/2020 1:18PM

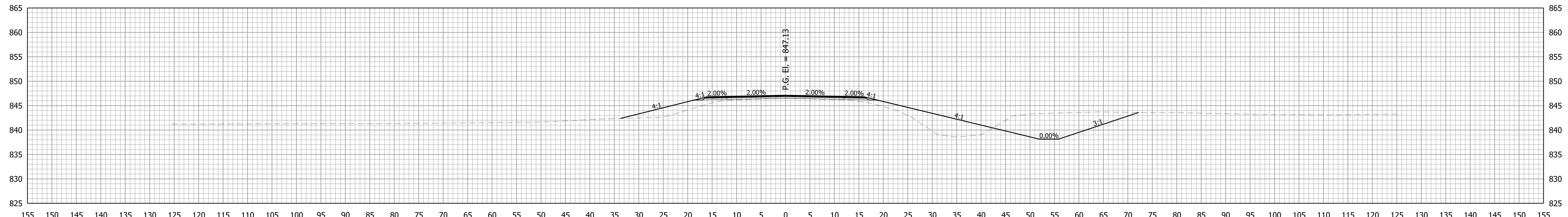
STA. 566+00 TO STA. 567+50

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MCB	06/2020	DRAWN: WLC
CHECKED: CRF	06/2020	CHECKED: MCB

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "S"

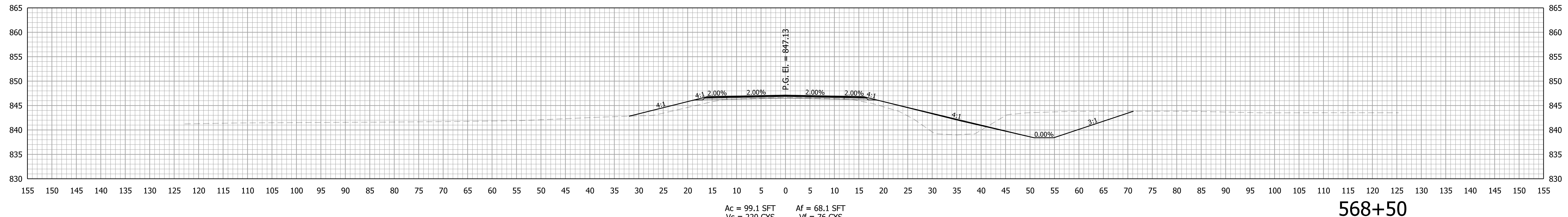
HORIZONTAL SCALE 1" = 10'	BRIDGE FILE 218-90-10417
VERTICAL SCALE 1" = 10'	DESIGNATION 1800156
SHEETS	
10 of 15	
CONTRACT B-41547	PROJECT 1800156



Ac = 96.7 SFT
Vc = 181 CYS

Af = 85.0 SFT
Vf = 142 CYS

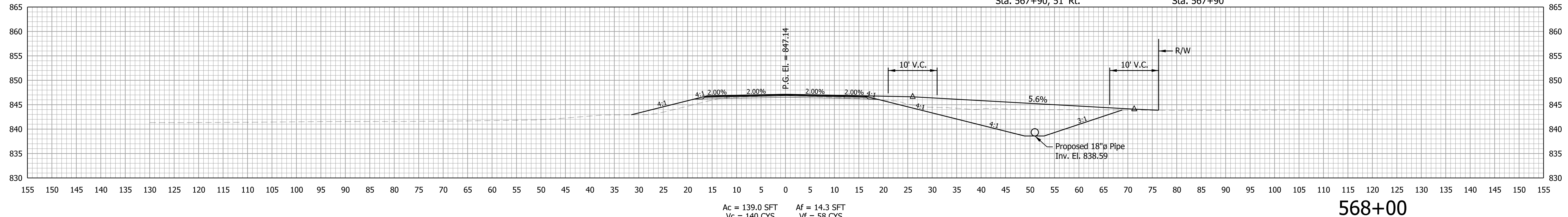
569+00



Ac = 99.1 SFT
Vc = 220 CYS

Af = 68.1 SFT
Vf = 76 CYS

568+50



Ac = 139.0 SFT
Vc = 140 CYS

Af = 14.3 SFT
Vf = 58 CYS

568+00

STR. NO. 11
18"Ø Pipe
Sta. 567+90, 51' Rt.

Class V Drive Req'd. Rt.
Sta. 567+90

Plot: 6/15/2020 1:18PM

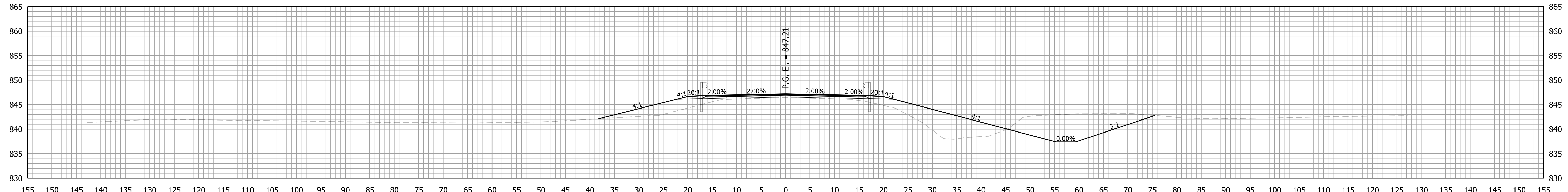
STA. 568+00 TO STA. 569+00

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MCB	06/2020	DRAWN: WLC
CHECKED: CRF	06/2020	CHECKED: MCB

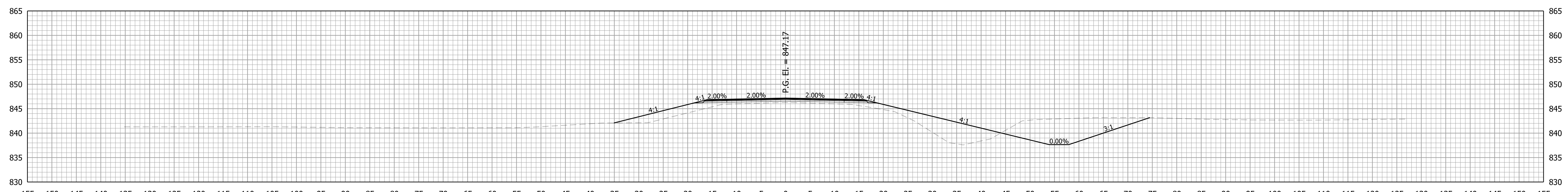
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "S"

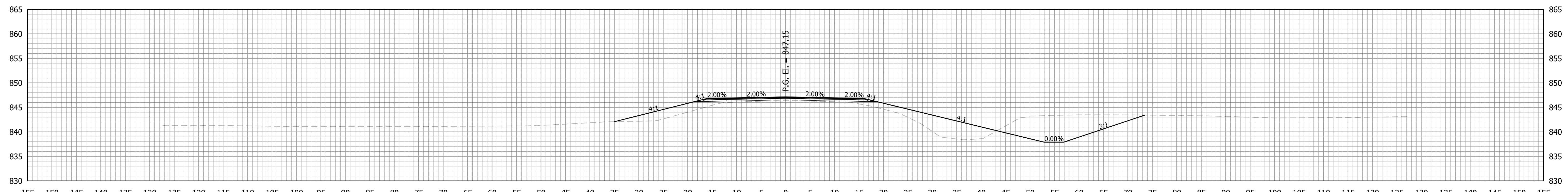
HORIZONTAL SCALE 1" = 10'	BRIDGE FILE 218-90-10417
VERTICAL SCALE 1" = 10'	DESIGNATION 1800156
CONTRACT B-41547	SHEETS 11 of 15
	PROJECT 1800156



570+50



570+00



569+50

Plot: 6/15/2020 1:18PM

pw:\dotwise.indot.in.gov\DOT\Wise\Documents\Fort Wayne\1800156\Design\InRoads\1800156 prSections_Proposed Alignment.dgn

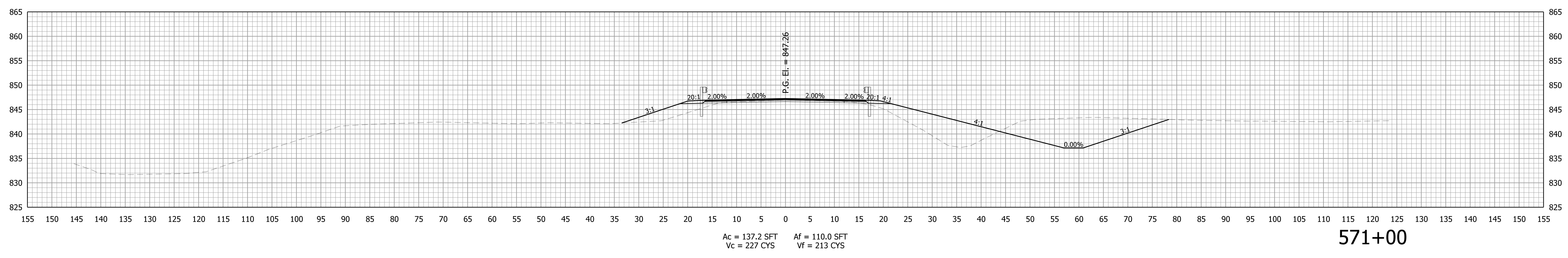
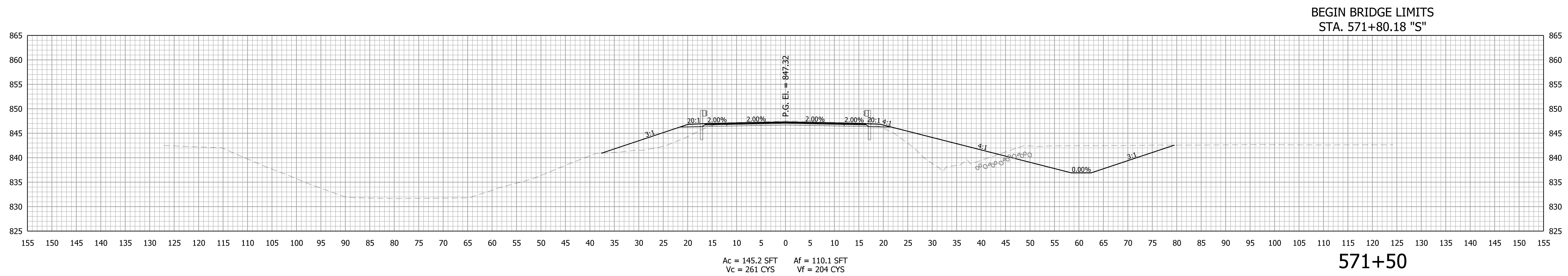
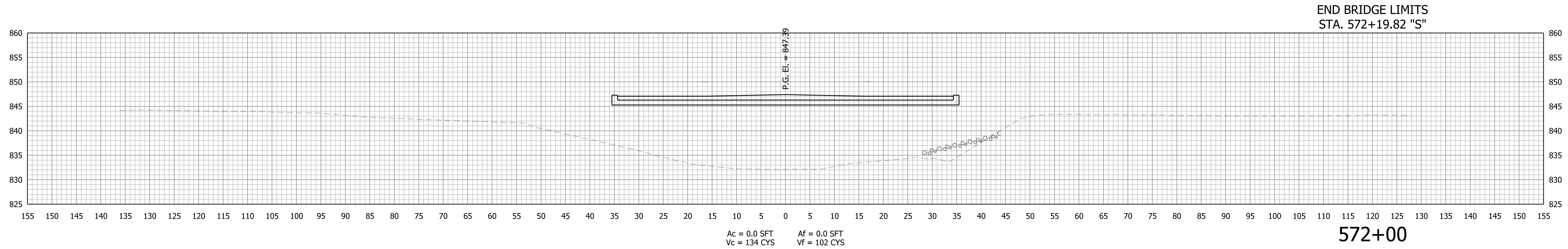
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MCB	06/2020	DRAWN: WLC
CHECKED: CRF	06/2020	CHECKED: MCB

INDIANA
DEPARTMENT OF TRANSPORTATION

**CROSS SECTIONS
LINE "S"**

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	218-90-10417
VERTICAL SCALE	DESIGNATION
1" = 10'	1800156
CONTRACT	SHEETS
B-41547	12 of 15
	PROJECT
	1800156

STA. 569+50 TO STA. 570+50



Plot: 6/15/2020 1:18PM

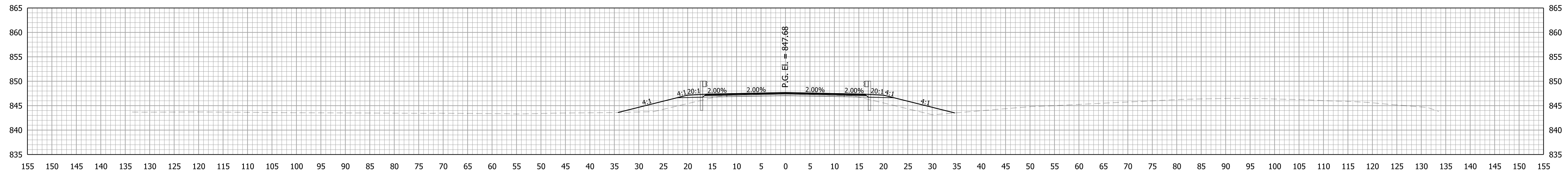
STA. 571+00 TO STA. 572+00

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MCB	06/2020	DRAWN: WLC
CHECKED: CRF	06/2020	CHECKED: MCB

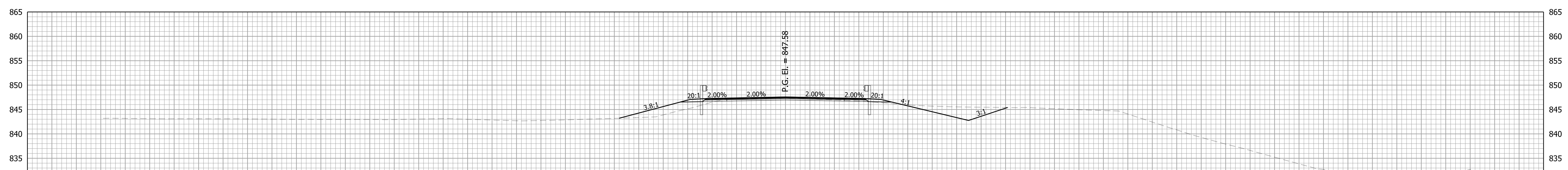
INDIANA
DEPARTMENT OF TRANSPORTATION

**CROSS SECTIONS
LINE "S"**

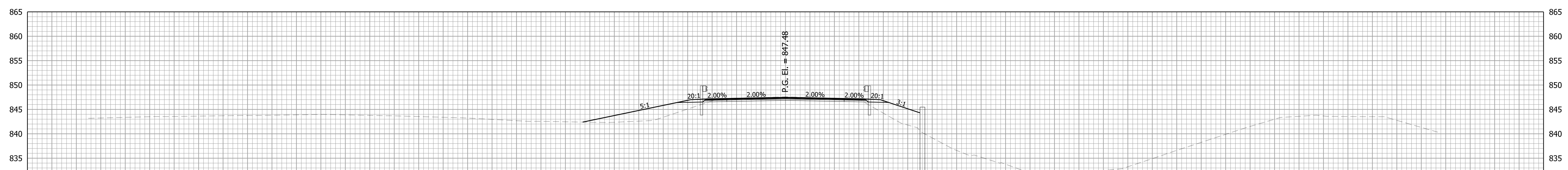
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	218-90-10417
VERTICAL SCALE	DESIGNATION
1" = 10'	1800156
SHEETS	
13 of 15	
CONTRACT	PROJECT
B-41547	1800156



573+50



573+00



572+50

Plot: 6/15/2020 1:18PM

pw:\dotwise.indot.in.gov\DOT\wise\Documents\Fort Wayne\1800156\Design\InRoads\1800156 prSections_Proposed Alignment.dgn

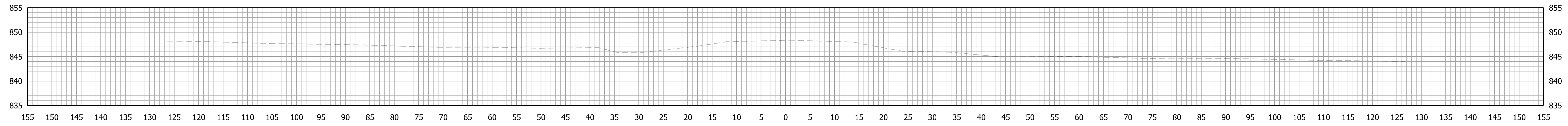
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MCB	06/2020	DRAWN: WLC
CHECKED: CRF	06/2020	CHECKED: MCB

INDIANA
DEPARTMENT OF TRANSPORTATION

**CROSS SECTIONS
LINE "S"**

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE 218-90-10417
VERTICAL SCALE 1" = 10'	DESIGNATION 1800156
SHEETS	
14 of 15	
CONTRACT B-41547	PROJECT 1800156

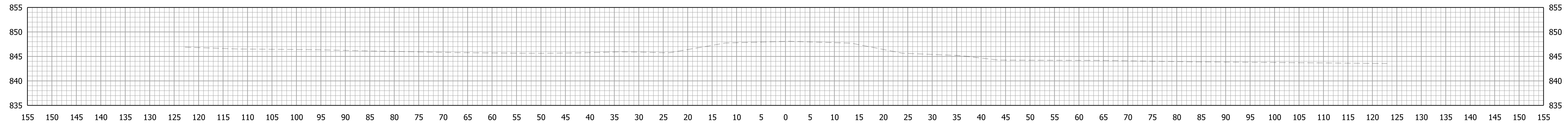
STA. 572+50 TO STA. 573+50



Ac = 0.0 SFT
Vc = 0 CYS

Af = 0.0 SFT
Vf = 0 CYS

575+50

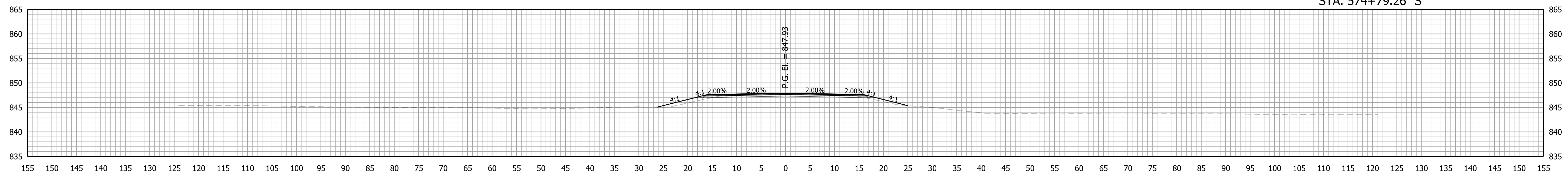


Ac = 0.0 SFT
Vc = 14 CYS

Af = 0.0 SFT
Vf = 8 CYS

575+00

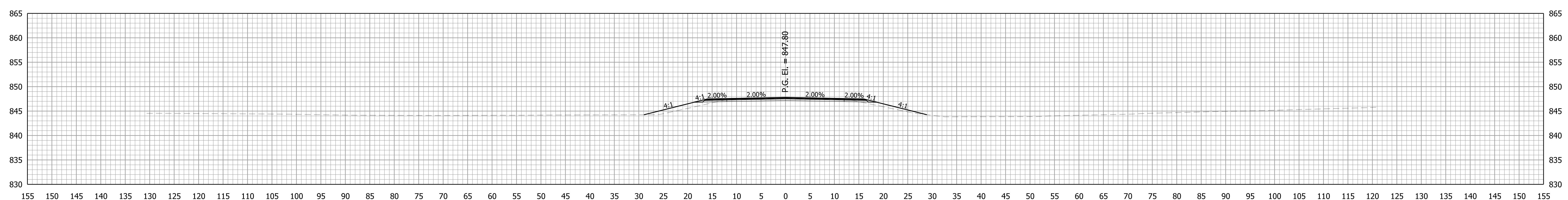
END PROJECT
STA. 574+79.26 "S"



Ac = 15.0 SFT
Vc = 23 CYS

Af = 8.2 SFT
Vf = 21 CYS

574+50



Ac = 10.4 SFT
Vc = 19 CYS

Af = 14.8 SFT
Vf = 52 CYS

574+00

Plot: 6/15/2020 1:18PM

STA. 574+00 TO STA. 575+50

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MCB	06/2020	DRAWN: WLC
CHECKED: CRF	06/2020	CHECKED: MCB

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "S"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE 218-90-10417
VERTICAL SCALE 1" = 10'	DESIGNATION 1800156
SHEETS	
15 of 15	
CONTRACT B-41547	PROJECT 1800156