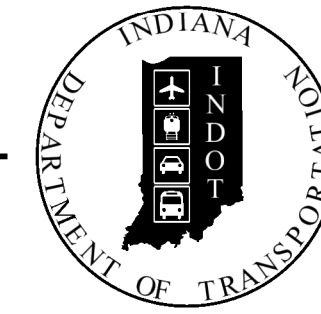


PROJECT	DESIGNATION
1700155	1700155
CONTRACT	BRIDGE FILE
B-40589	450-51-10337

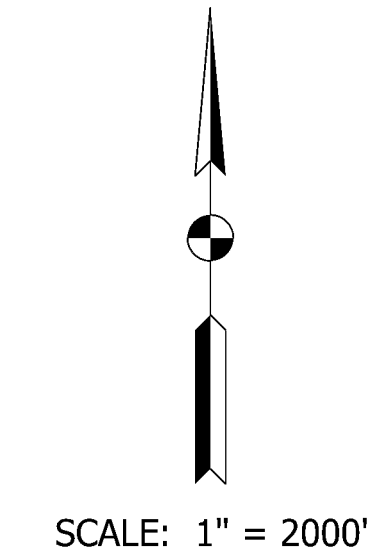
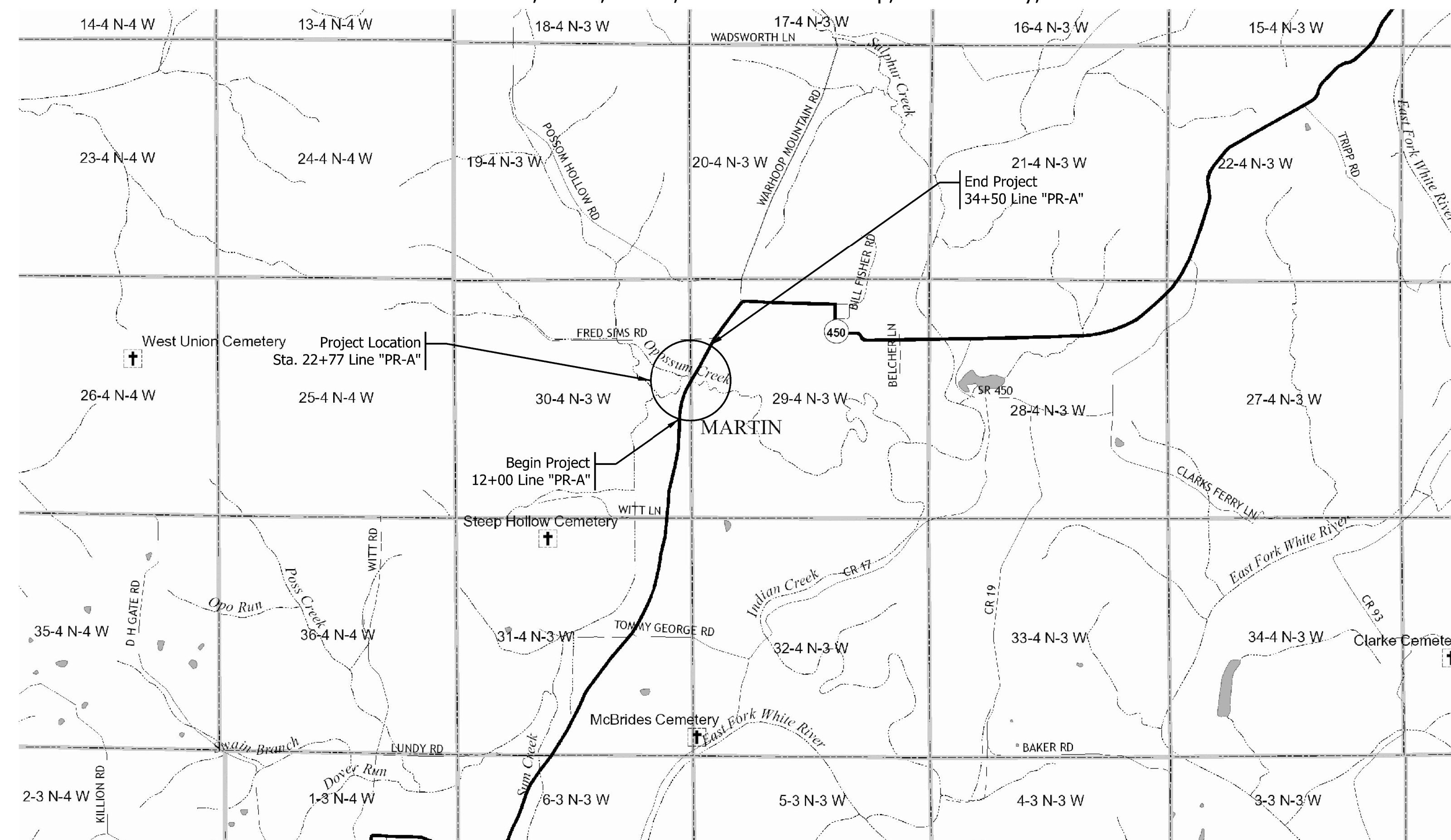
STRUCTURE INFORMATION				
STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
450-51-10337	Continuous Composite Prestressed Concrete I-Beam Bridge	3 @ 39'-9", 45'-0" & 39'-9" Skew: 0°	Opossum Creek	22+77 Line "PR-A"

INDIANA DEPARTMENT OF TRANSPORTATION



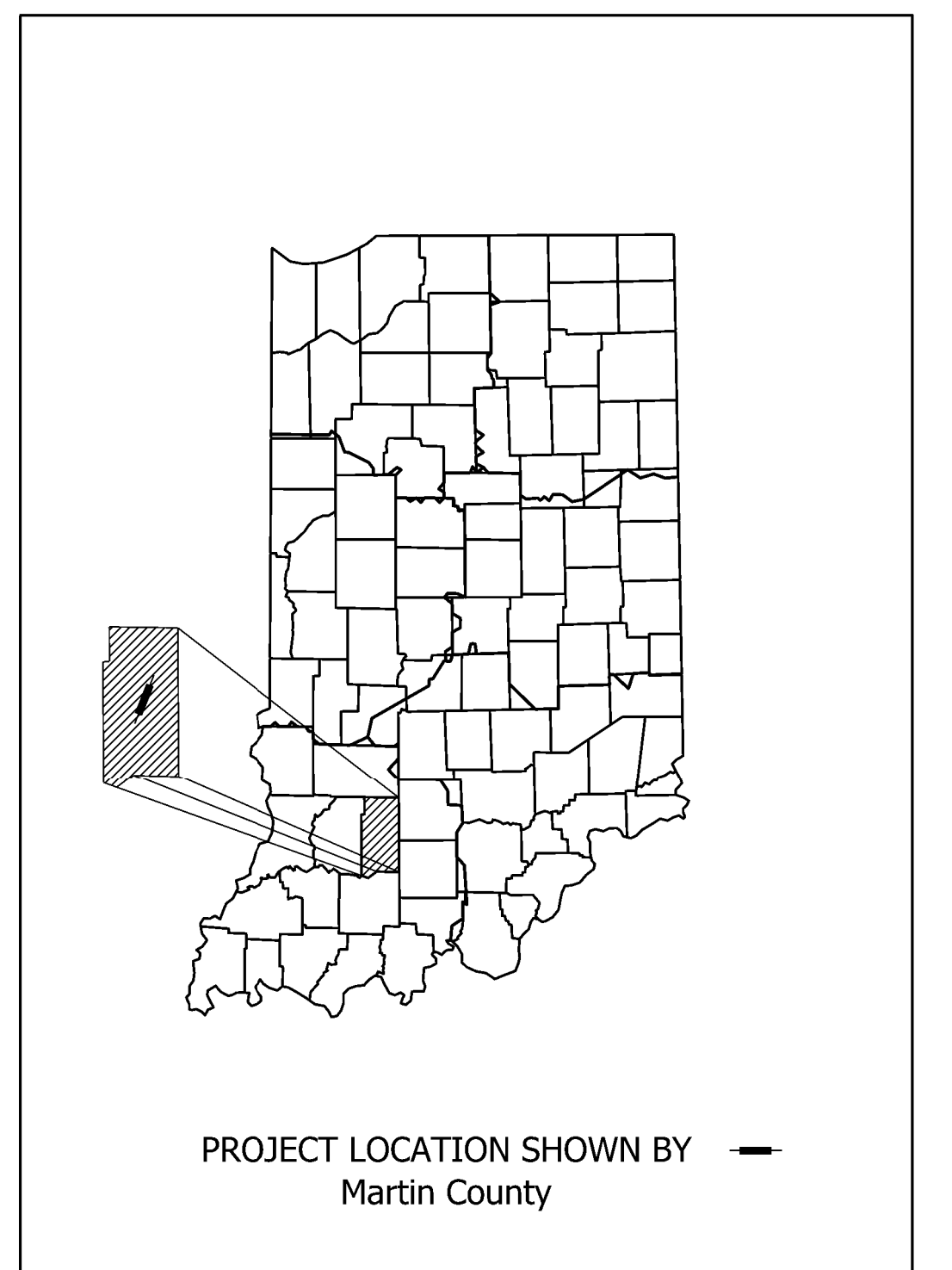
BRIDGE PLANS FOR SPANS OVER 20 FEET ROUTE: SR 450 AT: RP 6+30 PROJECT NO. 1700155 P.E. 1700155 R/W 1700155 CONST.

Bridge Replacement on SR 450 over Opossum Creek
Located 6.30 Miles East of US 50
Section 29 and 30, T-4-N, R-3-W, Mitcheltree Township, Martin County, Indiana



TRAFFIC DATA		
A.A.D.T. (2022)		665 V.P.D.
A.A.D.T. (2042)		803 V.P.D.
D.H.V (2042)		67 V.P.H.
DIRECTIONAL DISTRIBUTION		50.96 %
TRUCKS		20.03 % A.A.D.T. 30.77 % D.H.V.

DESIGN DATA		
DESIGN SPEED		50 M.P.H.
PROJECT DESIGN CRITERIA		NEW CONSTRUCTION (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION		MAJOR COLLECTOR
RURAL/URBAN		RURAL
TERRAIN		ROLLING
ACCESS CONTROL		N/A



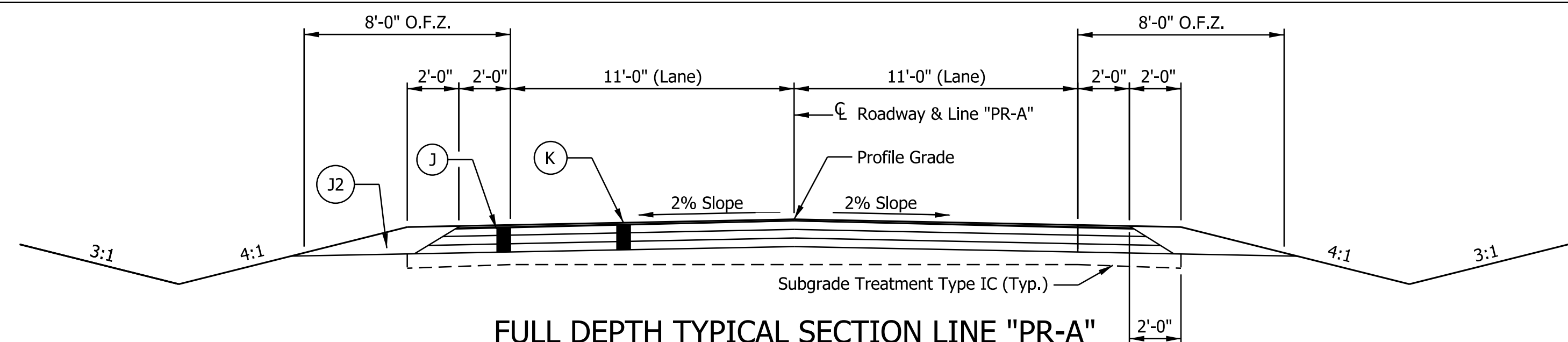
LATITUDE: N 38°45'12"	LONGITUDE: W 86°46'35"
BRIDGE LENGTH: 0.024 MI.	
ROADWAY LENGTH: 0.402 MI.	
TOTAL LENGTH: 0.426 MI.	
MAX. GRADE: 2.64 %	

STAGE 2 PLANS
DATE SUBMITTED 05/2020

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

PLANS PREPARED BY: _____	PHONE NUMBER _____	BRIDGE FILE 450-51-10337
CERTIFIED BY: _____	DATE _____	DESIGNATION 1700155
APPROVED FOR LETTING: _____	DATE _____	SURVEY BOOK Electronic
INDIANA DEPARTMENT OF TRANSPORTATION		SHEETS 1 of 30
		CONTRACT B-40589
		PROJECT 1700155

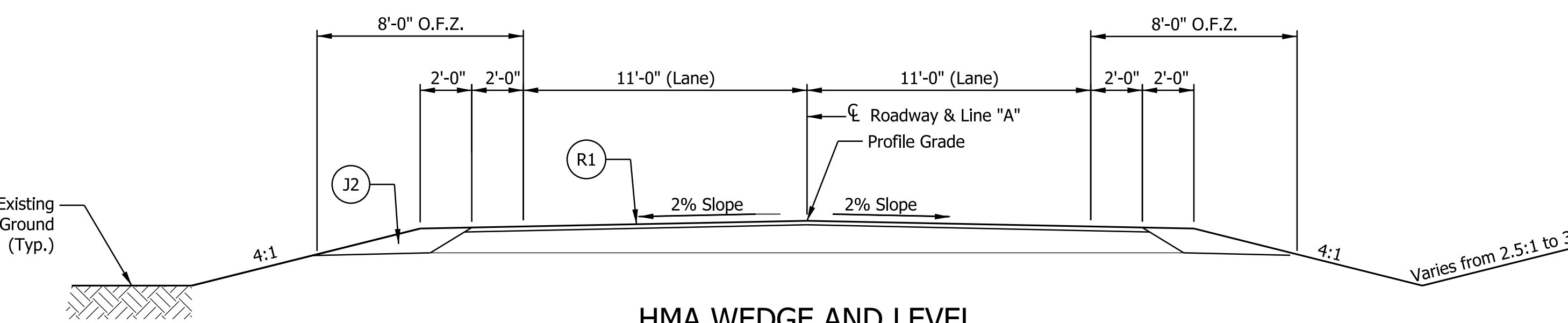
Plot: 5/21/2020 9:36 AM



FULL DEPTH TYPICAL SECTION LINE "PR-A"

Station 13+50 "PR-A" to 12+91 "PR-A"
 Station 24+83.17 "PR-A" to 33+50 "PR-A"

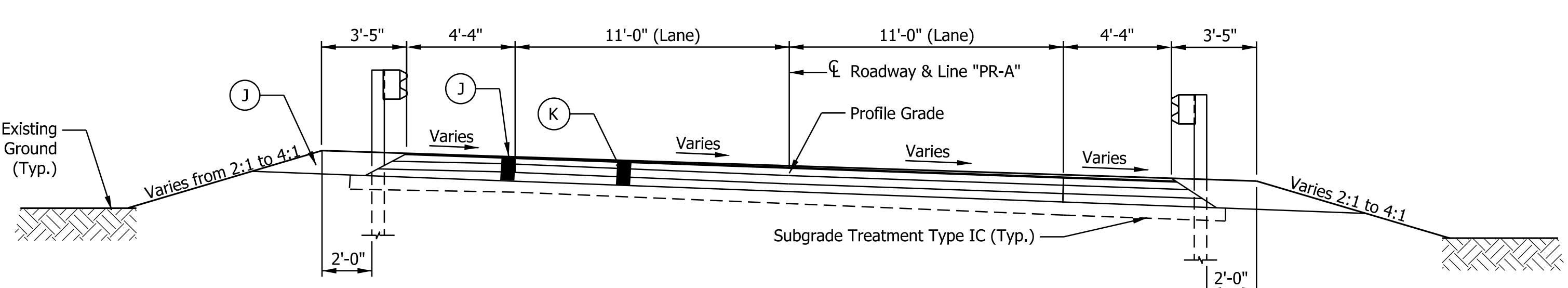
Scale: 1/4" = 1'-0"



HMA WEDGE AND LEVEL

Station 12+00 "PR-A" to 13+50 "PR-A"
 Station 33+50 "PR-A" to 34+50 "PR-A"

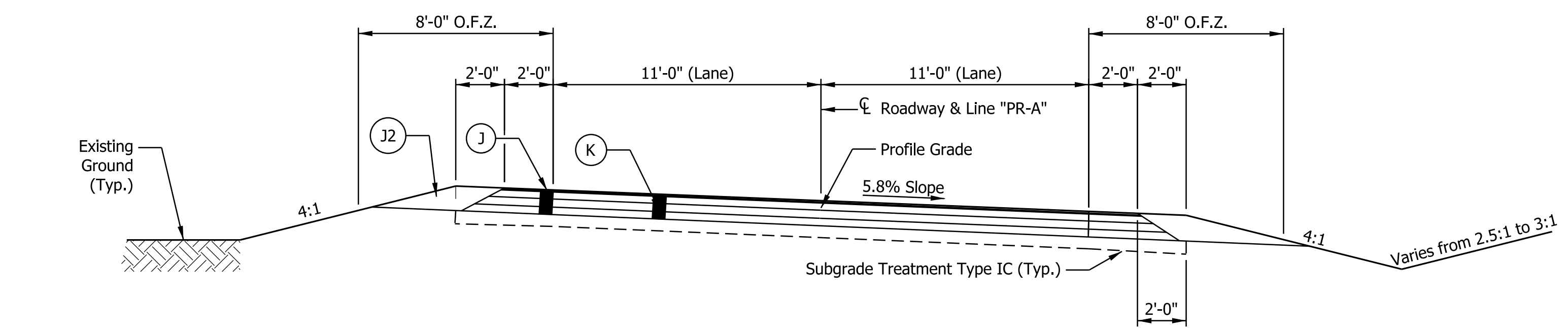
Scale: 1/4" = 1'-0"



**TYPICAL SECTION LINE "PR-A"
(W/GUARDRAIL)**

Station 21+8.33 "PR-A" to 21+93.5 "PR-A"
 Station 23+60.5 "PR-A" to 23+83.17 "PR-A"

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



FULL DEPTH SUPER ELEVATION SECTION LINE "PR-A"

Station 12+91 "PR-A" to 20+52 "PR-A"

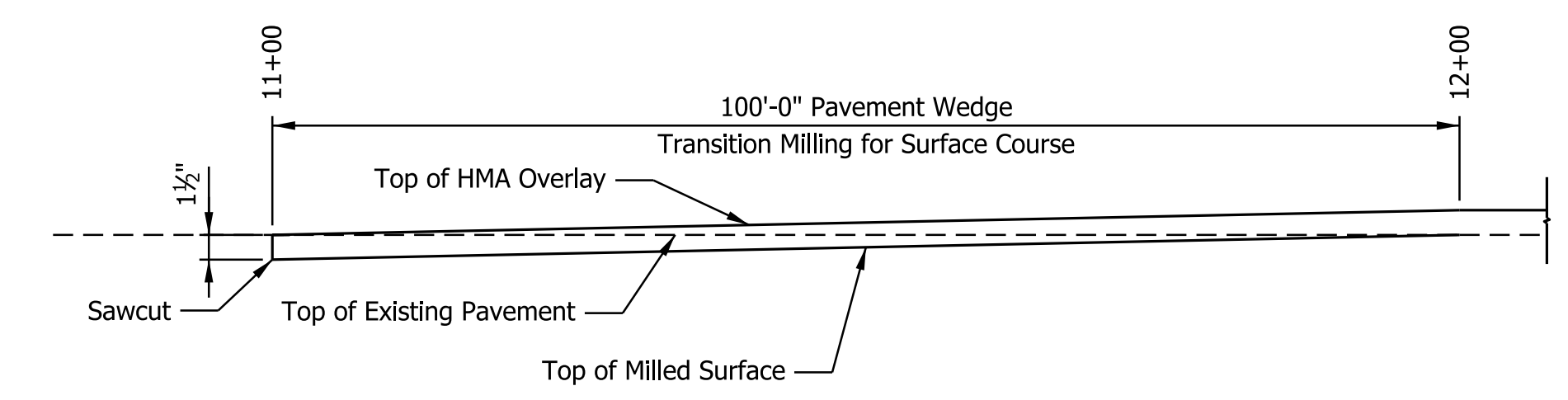
Scale: 1/4" = 1'-0"

LEGEND

- (J) 165 #/syd QC/QA HMA, 2, 64, Surface 9.5 mm on 385 #/syd QC/QA HMA, 2, 64, Intermediate, 19.0 mm on 5" Compacted Aggregate, No. 53, Base on Subgrade Treatment Type IC .
- (J2) Compacted Aggregate, No. 53
- (K) 165 #/syd QC/QA HMA, 2, 64, Surface 9.5 mm on 385 #/syd QC/QA HMA, 2, 64, Intermediate, 19.0 mm on 440 #/syd QC/QA HMA, 2, 64, Base 25.0mm (3.5 Min.) on 6" Compacted Aggregate, No. 53, Base on Subgrade Treatment Type IC.
- (R1) Milling if Required by Pavement Design 165 #/syd QC/QA HMA , 2, 64, Surface, 9.5 mm on

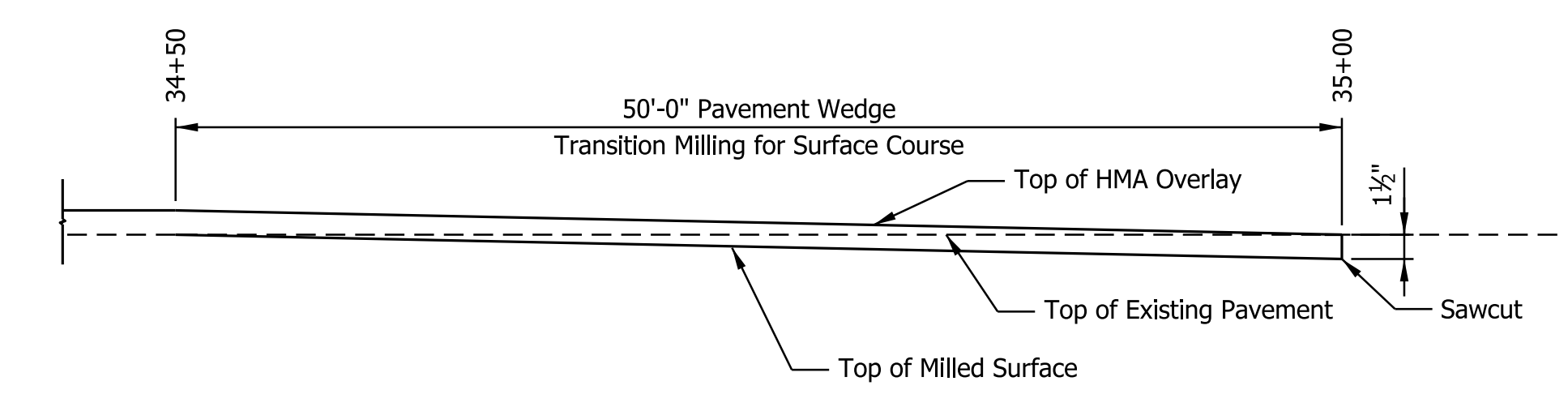
Note to Reviewer:

Actual Pavement Information will be provided after Pavement Design is received.



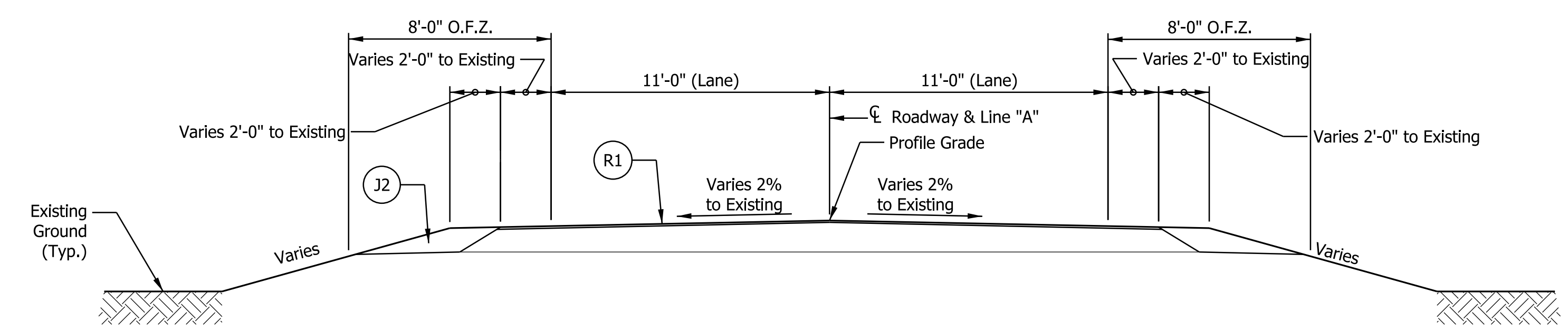
BEGINNING PAVEMENT TRANSITION DETAIL

Not to Scale



ENDING PAVEMENT TRANSITION DETAIL

Not to Scale



TYPICAL INCIDENTAL SECTION LINE "PR-A"

Station 11+00 "PR-A" to 12+00 "PR-A"
 Station 34+50 "PR-A" to 35+00 "PR-A"

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

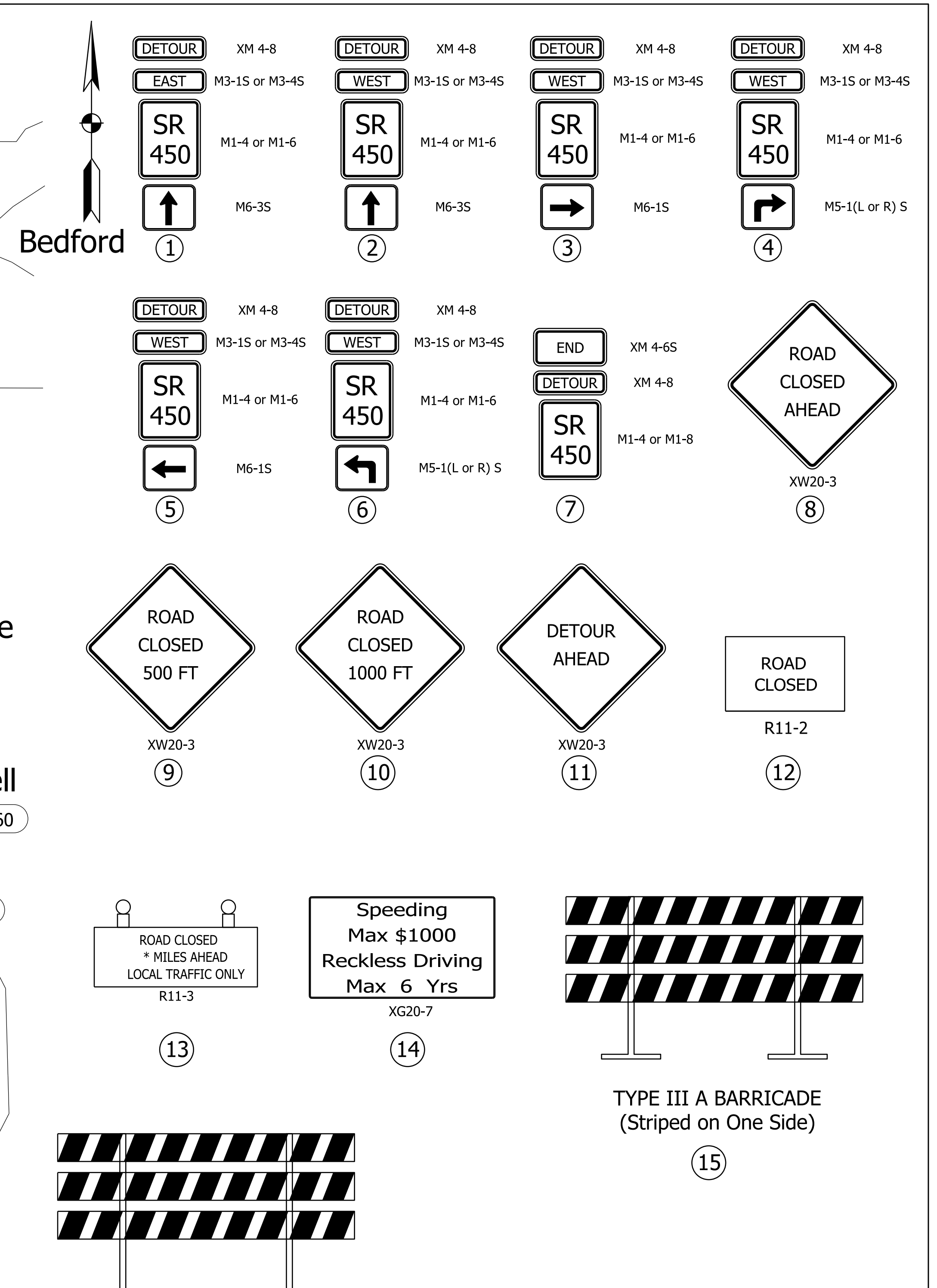
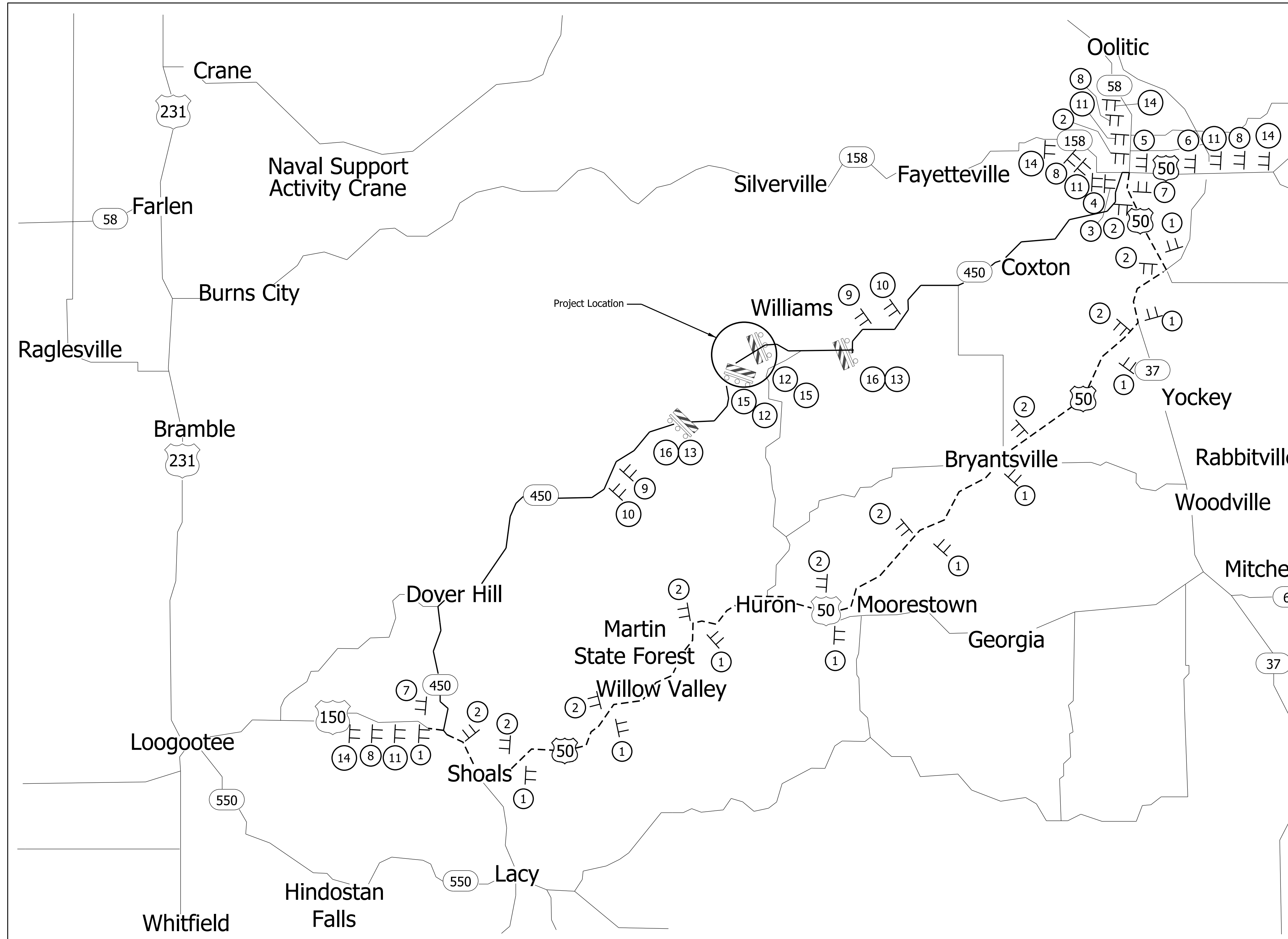
Plot: 5/21/2020 9:37 AM

DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARS	8/2019	DRAWN: MGA 8/2019
CHECKED: RBM	8/2019	CHECKED: ARS 8/2019

INDIANA DEPARTMENT OF TRANSPORTATION	
TYPICAL CROSS SECTIONS	

SCALE AS SHOWN	BRIDGE FILE 450-51-10337
	DESIGNATION 1700155
SURVEY BOOK Electronic	SHEETS 3 of 30
CONTRACT B-40589	PROJECT 1700155



LEGEND
 ----- Posted Detour Route

NOTES :
 See Standard E 801-TCDDT-01 for additional details.
 Signs may be added at the discretion of the Engineer.
 * Distance (Miles) will be decided by the Engineer

QUANTITY SUMMARY TABLE	
ITEM	QUANTITY
Construction Sign Type A	16 Each
Road Closure Sign Assembly	4 Each
Detour Route Marker Assembly	26 Each
Barricade Type III A	96 Lft
Barricade Type III B	96 Lft

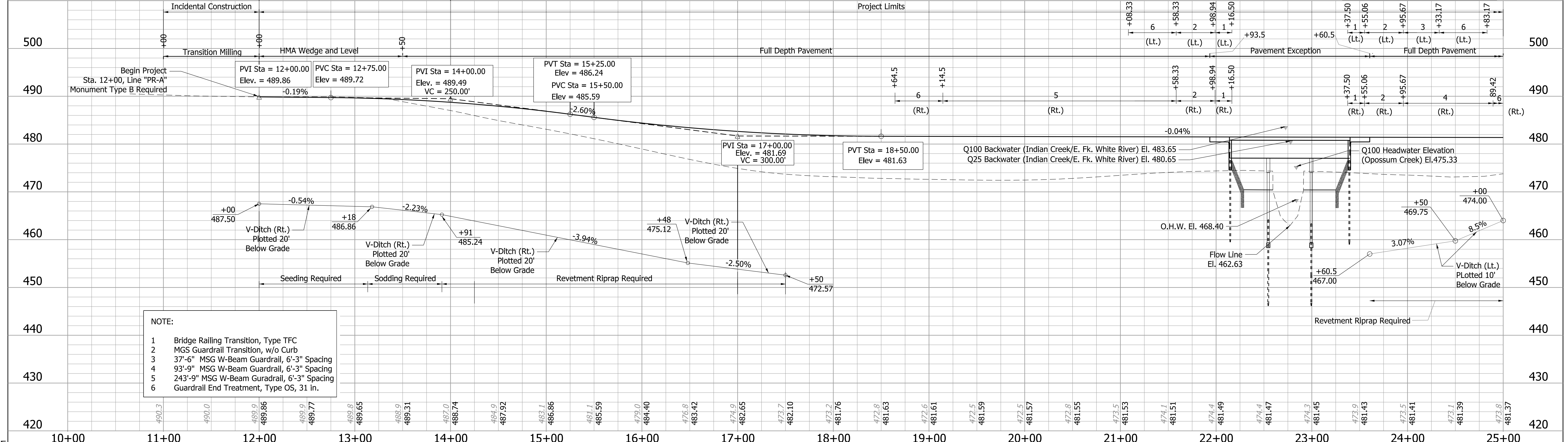
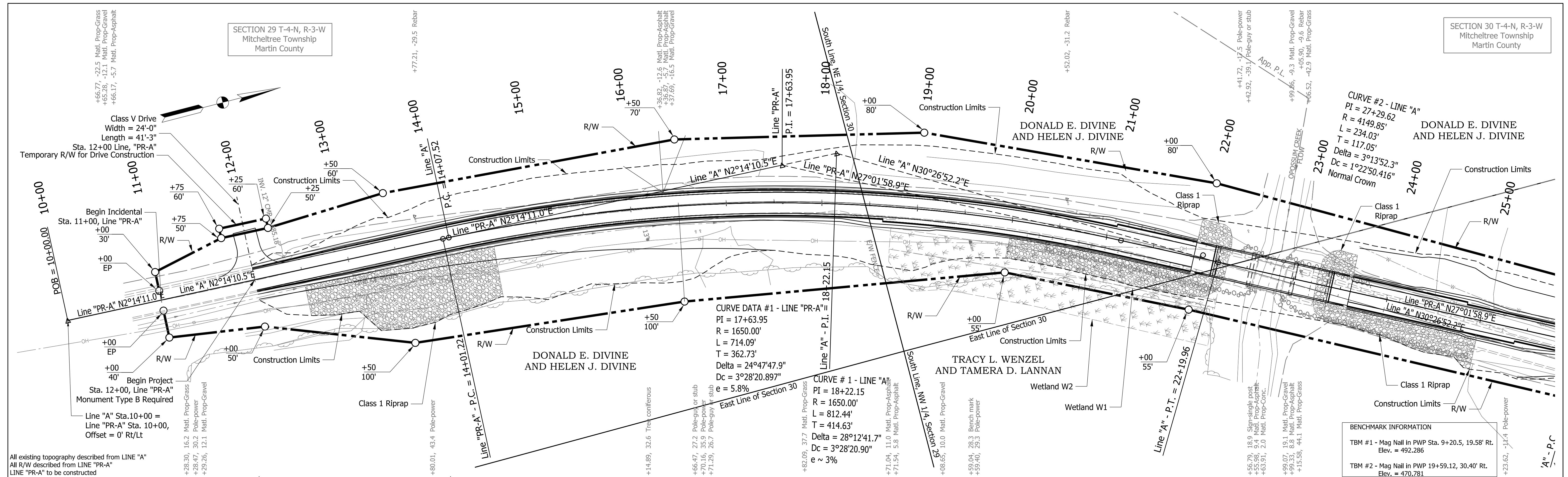
DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARS 8/2019	DRAWN: MGA	8/2019
CHECKED: RBM 8/2019	CHECKED: ARS	8/2019

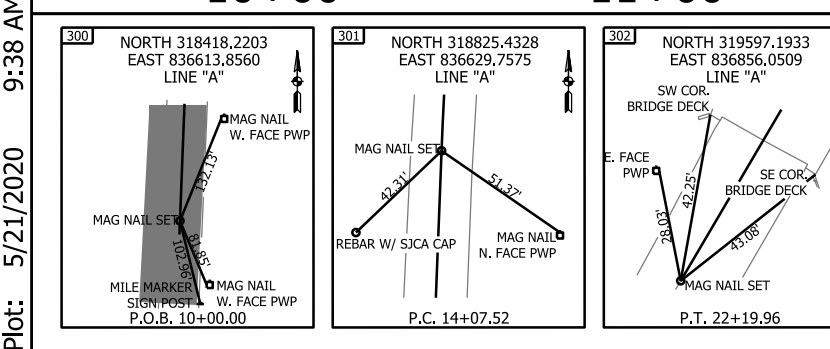
INDIANA
 DEPARTMENT OF TRANSPORTATION
 TRAFFIC DETOUR

SCALE	BRIDGE FILE
AS SHOWN	450-51-10337
	DESIGNATION
	1700155
SURVEY BOOK	SHEETS
Electronic	4 of 30
CONTRACT	PROJECT
B-40589	1700155

Plot: 5/21/2020 9:37 AM



- NOTE:**
- 1 Bridge Railing Transition, Type TFC
 - 2 MGS Guardrail Transition, w/o Curb
 - 3 37'-6" MSG W-Beam Guardrail, 6'-3" Spacing
 - 4 93'-9" MSG W-Beam Guardrail, 6'-3" Spacing
 - 5 243'-9" MSG W-Beam Guardrail, 6'-3" Spacing
 - 6 Guardrail End Treatment, Type OS, 31 in.

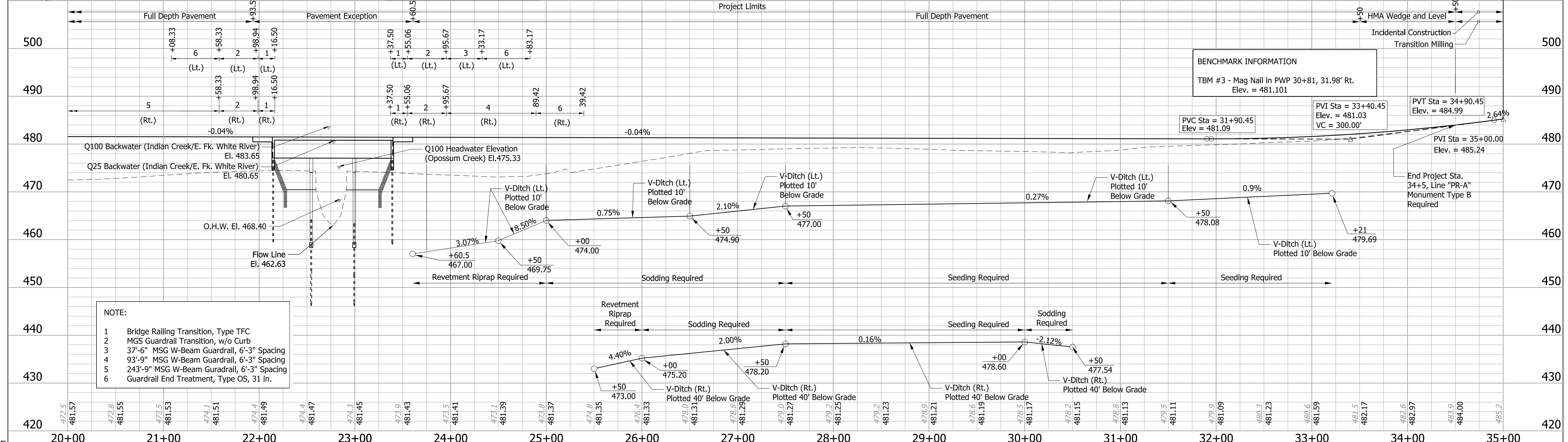
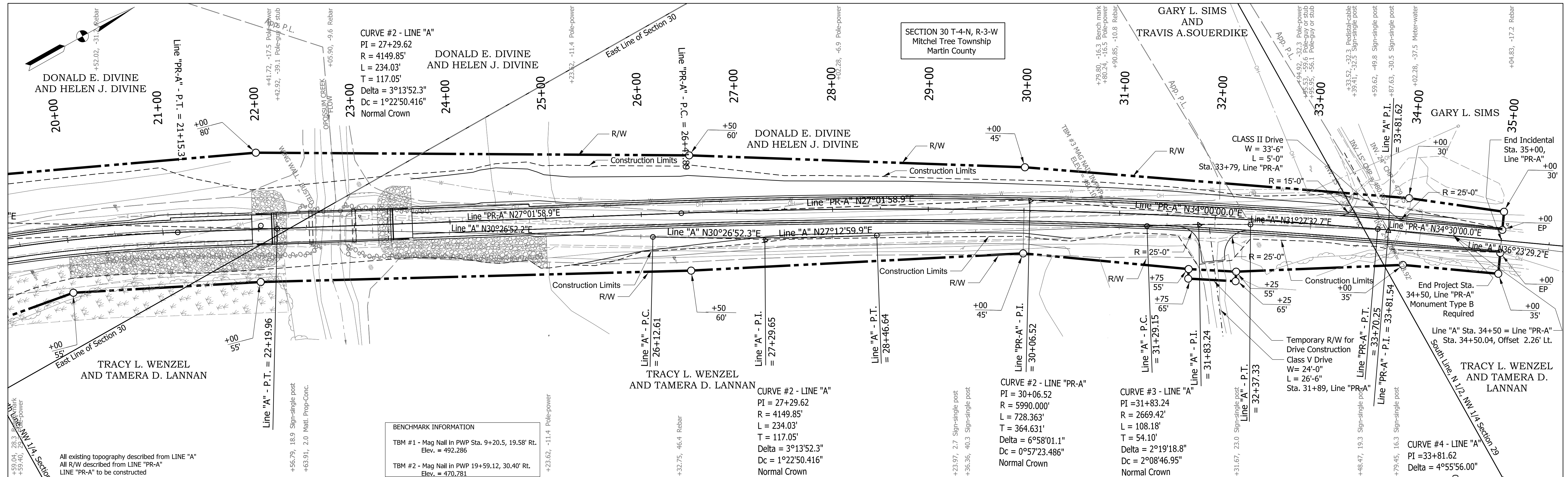


DESIGNED: ARS	8/2019	DRAWN: MGA	8/2019
CHECKED: RBM	8/2019	CHECKED: ARS	8/2019

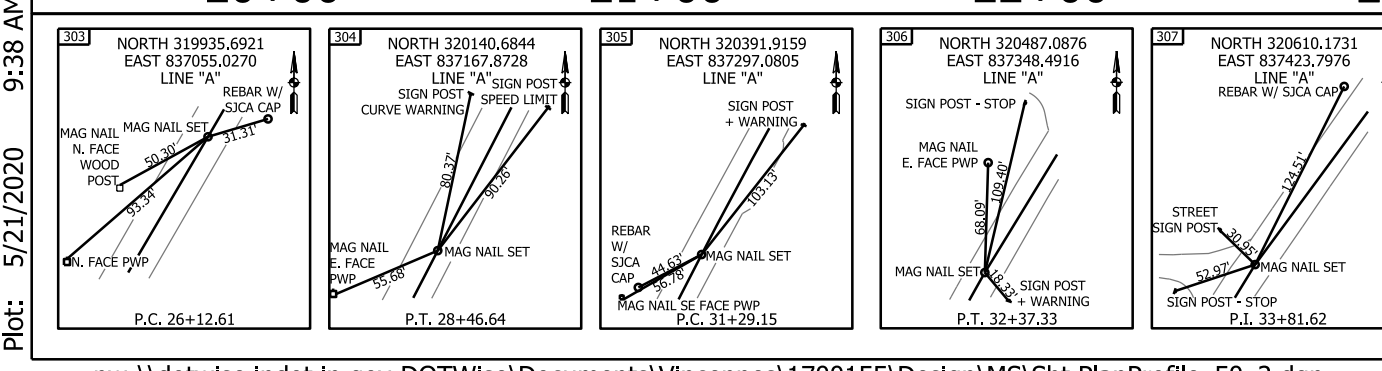
**INDIANA
DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE SHEET NO. 1

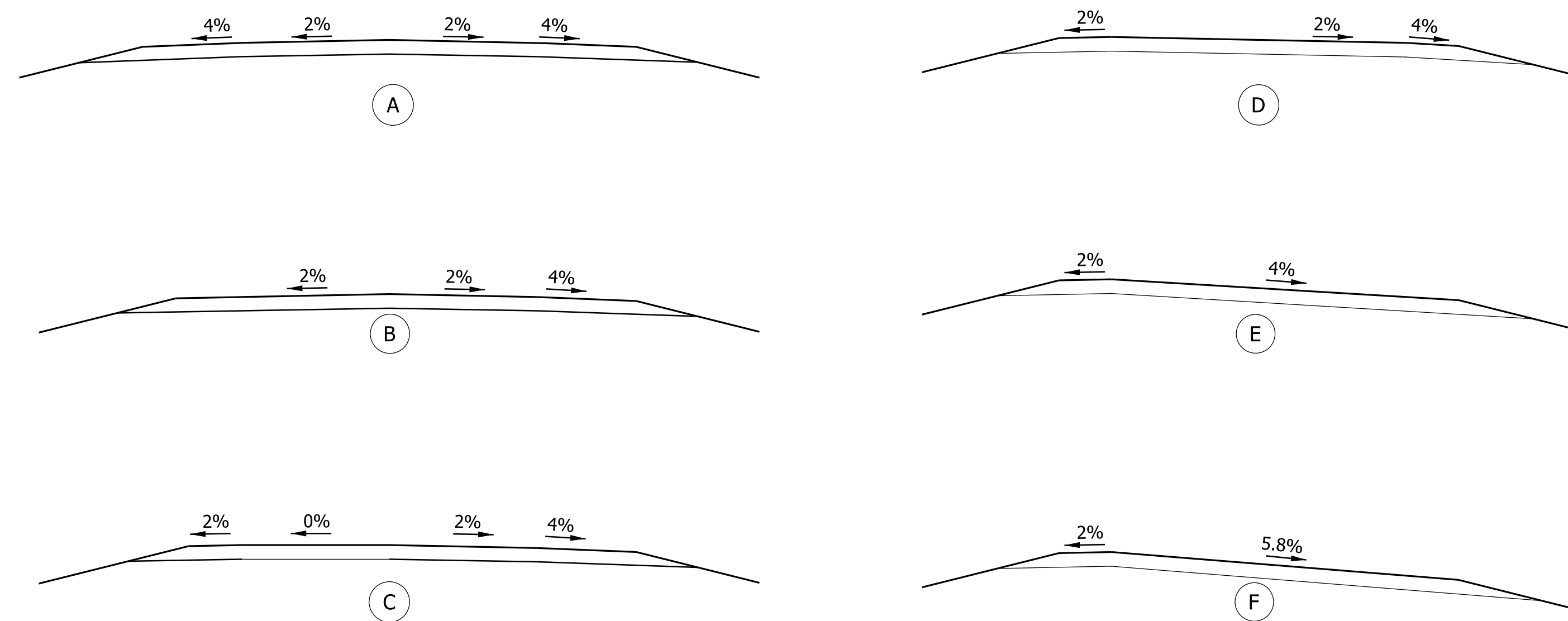
SCALE	BRIDGE FILE
	450-51-10337
SURVEY BOOK	SHEETS
Electronic	5 of 30
CONTRACT	PROJECT
B-40589	1700155



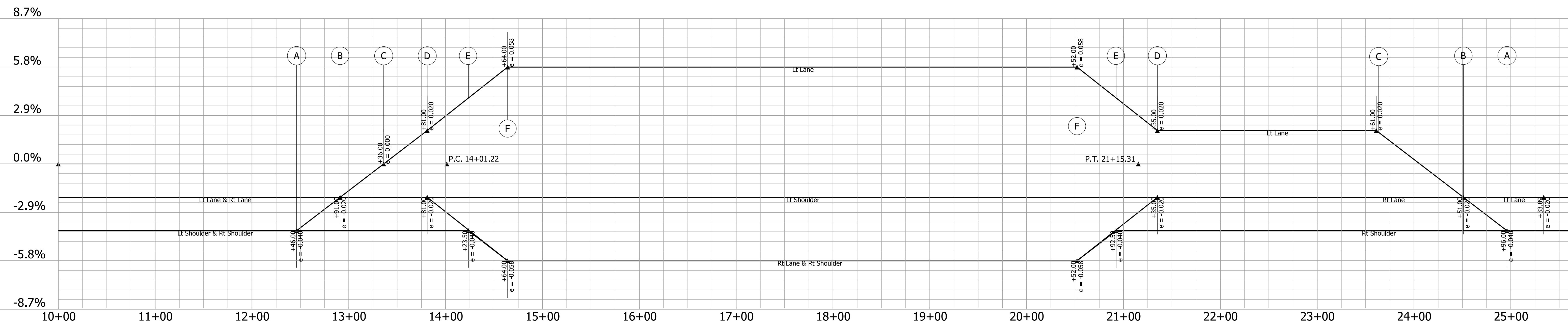
- NOTE:**
- 1 Bridge Railing Transition, Type TFC
 - 2 MGS Guardrail Transition, w/o Curb
 - 3 37'-6" MSG W-Beam Guardrail, 6'-3" Spacing
 - 4 93'-9" MSG W-Beam Guardrail, 6'-3" Spacing
 - 5 243'-9" MSG W-Beam Guardrail, 6'-3" Spacing
 - 6 Guardrail End Treatment, Type OS, 31 in.



RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: ARS		DRAWN: MGA		8/2019	
CHECKED: RBM		CHECKED: ARS		8/2019	
INDIANA DEPARTMENT OF TRANSPORTATION					
PLAN AND PROFILE SHEET NO. 2					
SCALE			BRIDGE FILE		
			450-51-10337		
			DESIGNATION		
			1700155		
SURVEY BOOK			SHEETS		
Electronic			6 of 30		
CONTRACT			PROJECT		
B-40589			1700155		



Tangent Runout Superelevation Runoff Length Full Superelevation Superelevation Runoff Length Structure Limits Superelevation Runoff Length Tangent Runout



Plot: 5/21/2020 9:39 AM

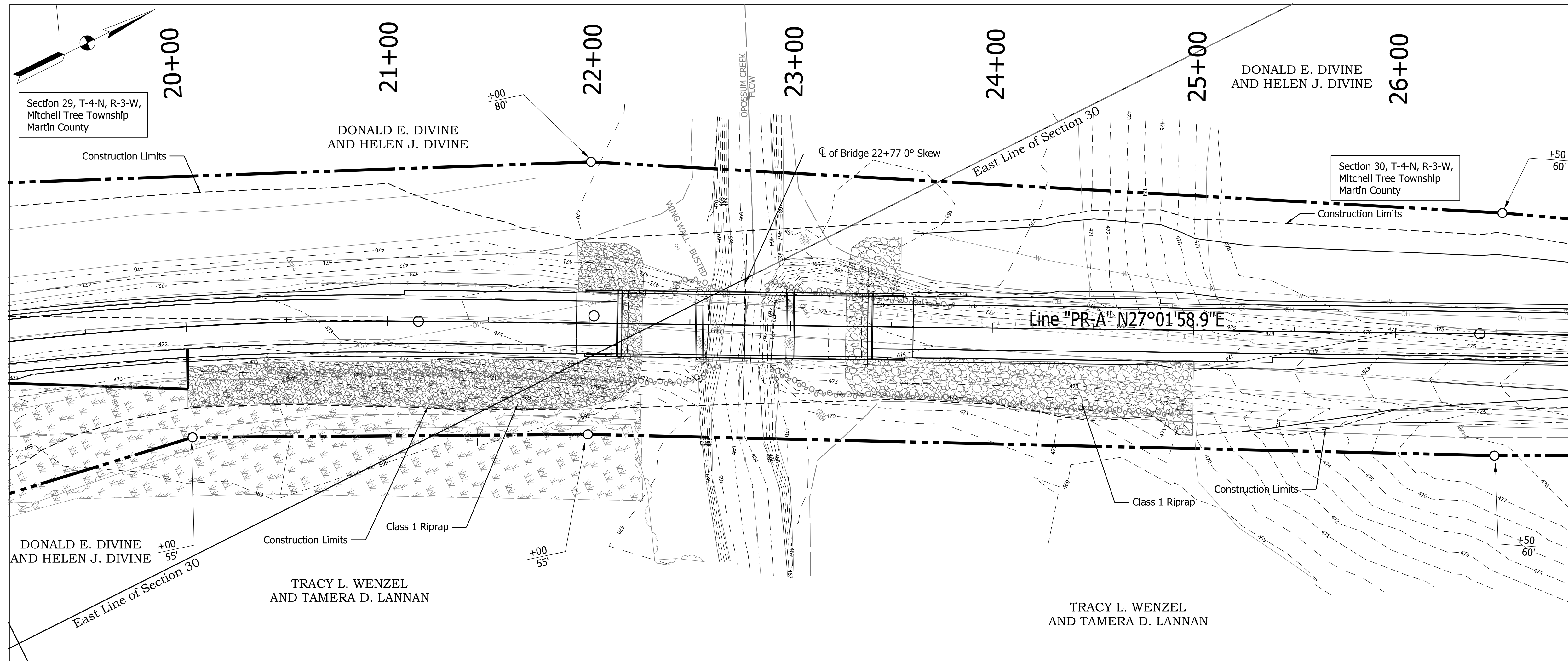
DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARS	8/2019	DRAWN: MGA
CHECKED: RBM	8/2019	CHECKED: ARS
		8/2019

INDIANA
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DIAGRAM "PR-A"

SCALE	BRIDGE FILE
N/A	450-51-10337
	DESIGNATION
	1700155
SURVEY BOOK	SHEETS
Electronic	7 of 30
CONTRACT	PROJECT
B-40589	1700155



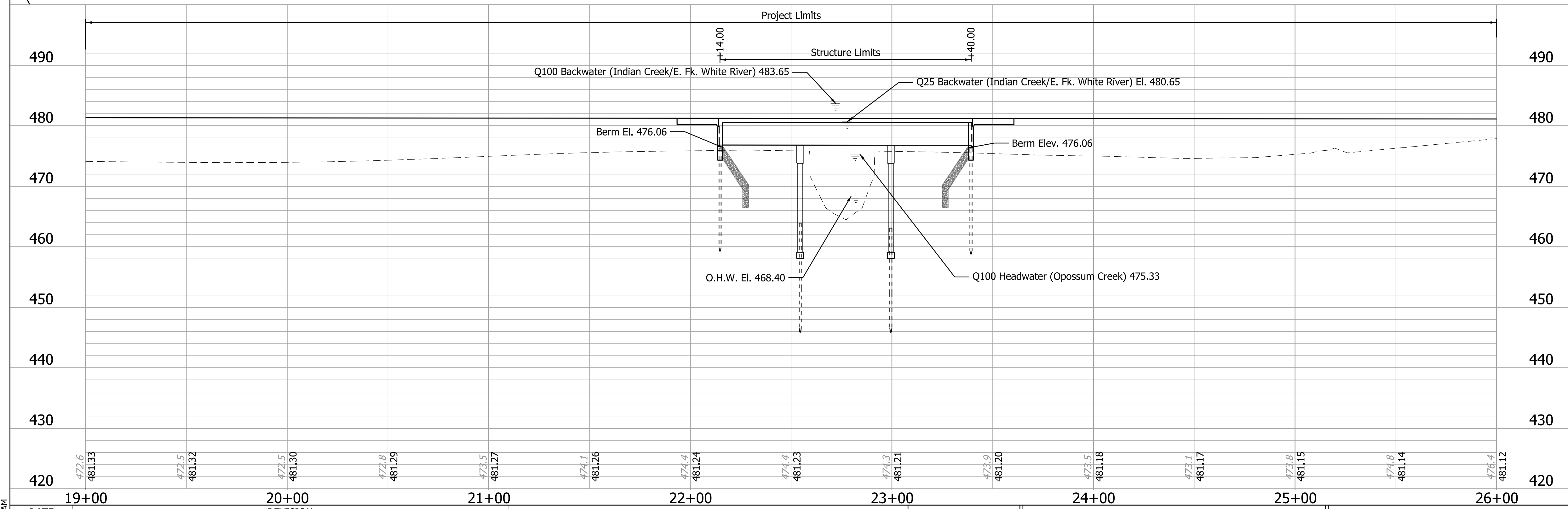
PRESENT STRUCTURE
 The Existing Structure is a single span Prestressed Adjacent Box Beam Bridge constructed in 1942 and rehabilitated in 1980. The bridge clear-roadway width is 28'-4". The structure is 30'-4" wide with no skew. The existing structure is to be removed.

HYDRAULIC DATA

Waterway Opening Required	617.70	Sq. ft.
Waterway Opening Provided	642.9	Sq. ft.
Drainage Area	7.69	Sq. mi.
Design Discharge, Q100	3641	Cfs.
Velocity	10.45	Fps.
Q100 Elev.	483.66	MSL
Estimated Scour Elev.	440.81	MSL
Backwater at Q100	2.22	ft.
Existing Waterway Opening	142	Sq. ft.
Existing Backwater	2.61	ft.
Upper Limit of Wet Exc. Elev.	470.4	MSL
Low Structure Elev.	476.55	MSL
Existing Low Structure Elev.	469.94	MSL

Fill + 20%	23,248	Cys.
Common Excavation	4,104	Cys.
Usable Waterway Excavation (70%)	375	Cys.
Surplus Foundation Excavation	302	Cys.
Waste (Borrow)	18,467	Cys.
Total Waterway Excavation	536	Cys.
Benching (Estimated)	352	Cys.

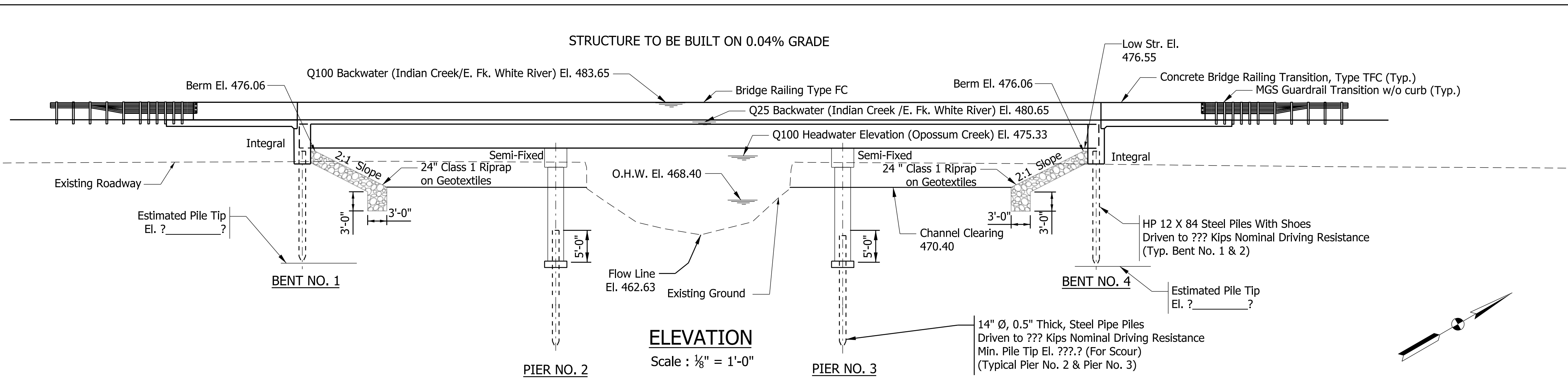
No direct payment. Benching will not be paid for as Common Excavation.



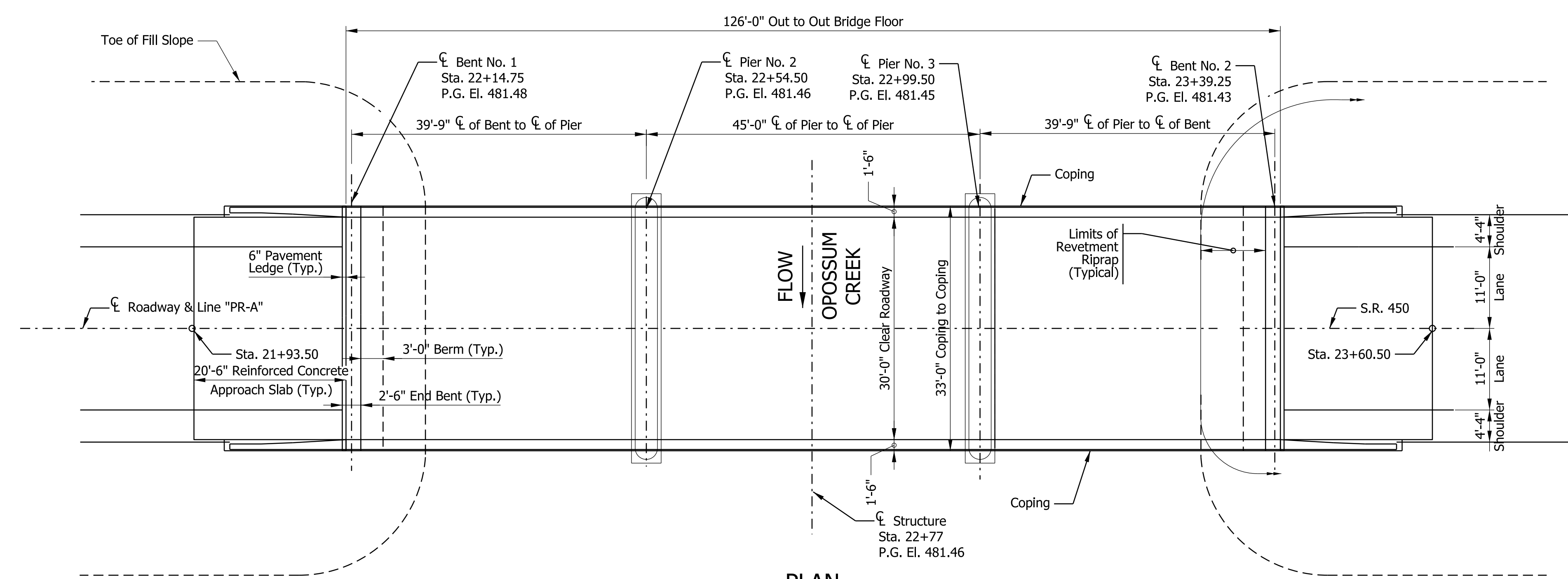
CONTINUOUS COMPOSITE PRESTRESSED CONCRETE I-BEAM
 3 SPANS @ 39'-9", 45'-0", 39'-9"
 30'-0" CLEAR ROADWAY, NO SKEW
 SR 450 OVER OPOSSUM CREEK, MARTIN COUNTY

DATE	19+00	20+00	21+00	22+00	23+00	24+00	25+00	26+00
REVISION								
DESIGNED: ARS	8/2019	DRAWN: MGA	8/2019					
CHECKED: RBM	8/2019	CHECKED: ARS	8/2019					
INDIANA DEPARTMENT OF TRANSPORTATION								
LAYOUT								
SCALE				BRIDGE FILE				
Horz. 1" = 30'				450-51-10337				
Vert. 1" = 10'				DESIGNATION				
				1700155				
SURVEY BOOK				SHEETS				
Electronic				8 of 30				
CONTRACT				PROJECT				
B-40589				1700155				

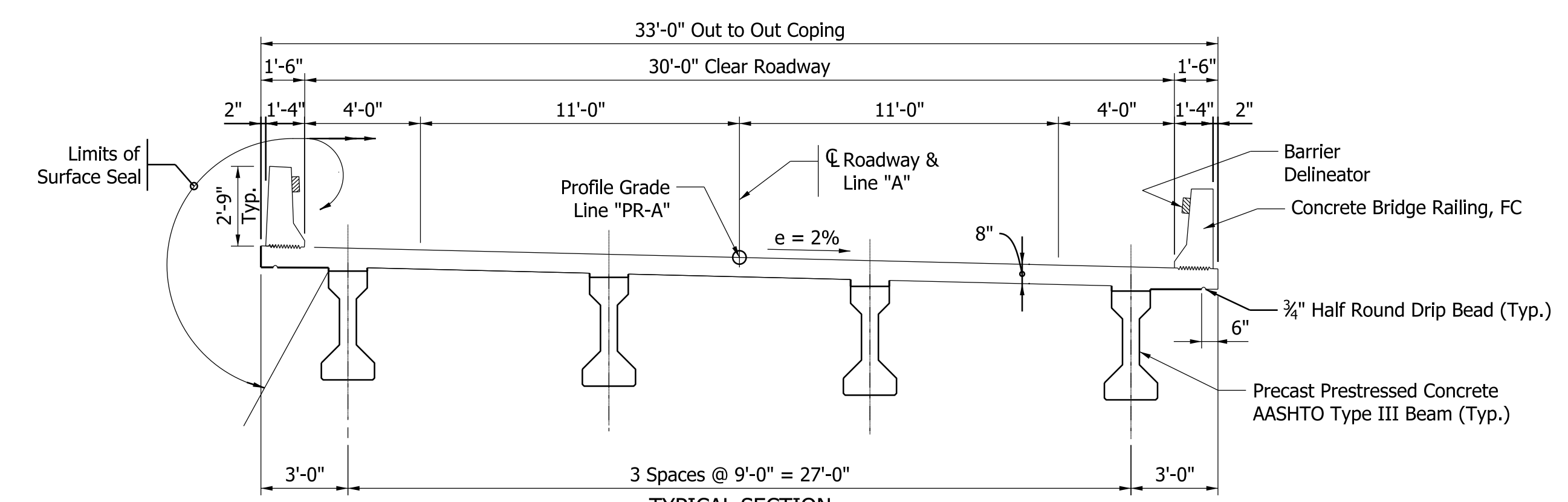
Plot: 5/21/2020 9:39 AM



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



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



TYPICAL SECTION
SCALE: 1/4" = 1'-0"

GENERAL NOTES

Reinforcing steel covering to be 2 1/2" in top and 1 inch minimum in bottom of floor slabs and 2" in all other parts, unless noted.

The following surfaces shall be Surface Sealed:
Top of Bridge Deck, Coping, including underside of Bridge Deck from Coping to top Flange of Exterior Beams, all exposed Surfaces of Concrete Bridge Railing, Approach Slabs, and Concrete Bridge Railing Transition.

DESIGN DATA

Design Strength:
Class "C" Concrete f_c = 4,000 psi
Reinforcing Steel (Grade 60) f_y = 60,000 psi

Live Load:
Designed for HL-93 Loading in Accordance with the AASHTO LRFD Bridge Design Specifications, 7th Edition, 2014, and its Subsequent Interims.

Dead Load:
Actual Weight Plus 35 psf (Composite) for Future Wearing Surface and 15 psf for Permanent Metal Deck Forms.
Slab Designed with a Structural Depth of 7 1/2" and 1/2" Integral Wearing Surface.

SEISMIC DESIGN DATA

Seismic Performance Zone TBD
Acceleration Coefficient TBD
Seismic Site Class TBD

CONSTRUCTION LOADING

The exterior girder has been checked for strength, deflection, and overturning using the construction loads shown below. Cantilever overhang brackets were assumed for support of the deck overhang past the edge of the exterior girder. The finishing machine was assumed to be supported 6 in. outside the vertical coping form. The top overhang brackets were assumed to be located 6 in. past the edge of the vertical coping form. The bottom overhang brackets were assumed to be braced against the intersection of the girder bottom flange and web.

DECK FALSEWORK LOADS:
Designed for 15lb/ft² for permanent metal stay-in-place deck forms, removable deck forms, and 2-ft exterior walkway.

CONSTRUCTION LIVE LOAD:
Designed for 20 lb/ft² extending 2-ft past the edge of coping and 75 lb/ft vertical force applied at a distance of 6" outside the face of coping over a 30-ft length of the deck centered with the finishing machine.

FINISHING - MACHINE LOAD:
4500 lb distributed over 10-ft along the coping.

WIND LOAD:
Designed for 70 mph horizontal wind loading in accordance with LRFD 3.8.1.

CONTINUOUS COMPOSITE PRESTRESSED CONCRETE I-BEAM
3 SPANS @ 39'-9", 45'-0", 39'-9"
30'-0" CLEAR ROADWAY, NO SKEW
SR 450 OVER OPOSSUM CREEK, MARTIN COUNTY

DATE	REVISION

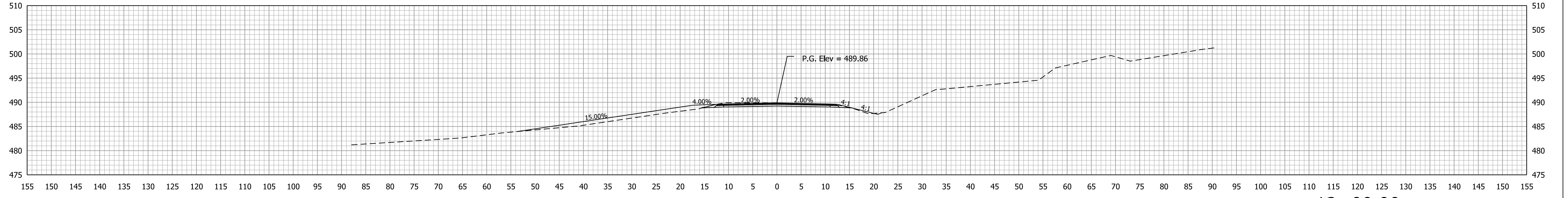
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARS	8/2019	DRAWN: MGA
CHECKED: RBM	8/2019	CHECKED: ARS

INDIANA
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN

SCALE	BRIDGE FILE
As Shown	450-51-10337
	DESIGNATION
	1700155
SURVEY BOOK	SHEETS
Electronic	9 of 30
CONTRACT	PROJECT
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Plot: 5/21/2020 9:40 AM



Ac = 17.8 SFT
Vc = 16 CYS

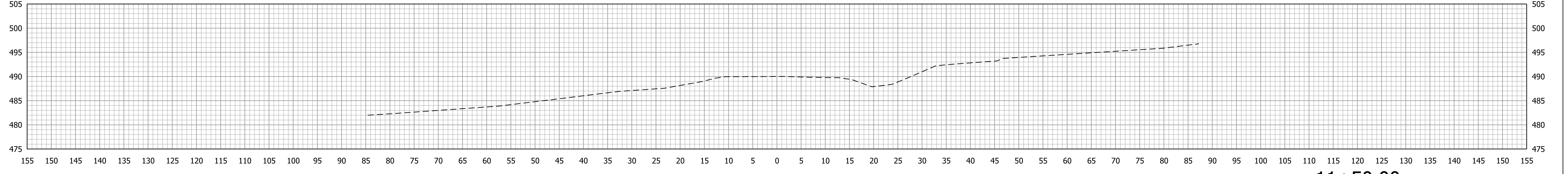
Af = 0.8 SFT
Vf = 1 CYS

Ab = 0.0 SFT
Vb = 0 CYS

12+00.00

Begin Project
Sta. 12+00,
Line "PR-A"

Class V Drive
Width 24'-0", Length 41'-3"
Sta. 12+00,
Line "PR-A"

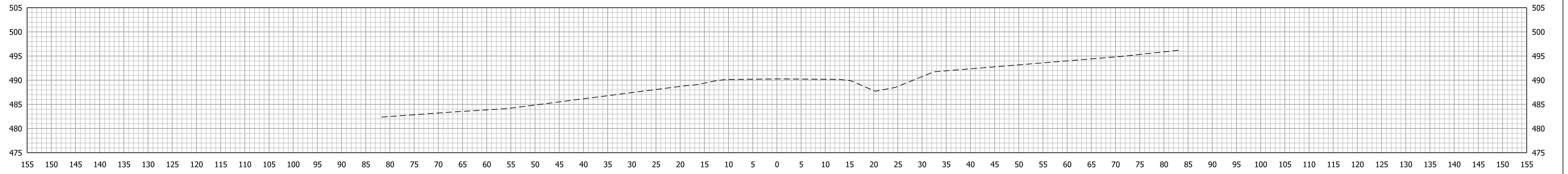


Ac = 0.0 SFT
Vc = 0 CYS

Af = 0.0 SFT
Vf = 0 CYS

Ab = 0.0 SFT
Vb = 0 CYS

11+50.00



Ac = 0.0 SFT
Vc = 0 CYS

Af = 0.0 SFT
Vf = 0 CYS

Ab = 0.0 SFT
Vb = 0 CYS

11+00.00

Plot: 5/21/2020 9:40 AM

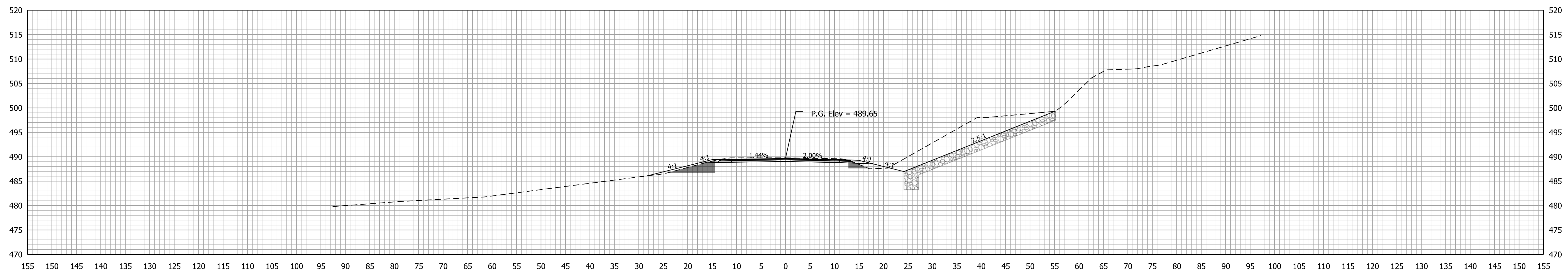
STA. 11+00.00 TO STA. 12+00.00

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARS	8/2019	DRAWN: MGA
CHECKED: RBM	8/2019	CHECKED: ARS

INDIANA
DEPARTMENT OF TRANSPORTATION

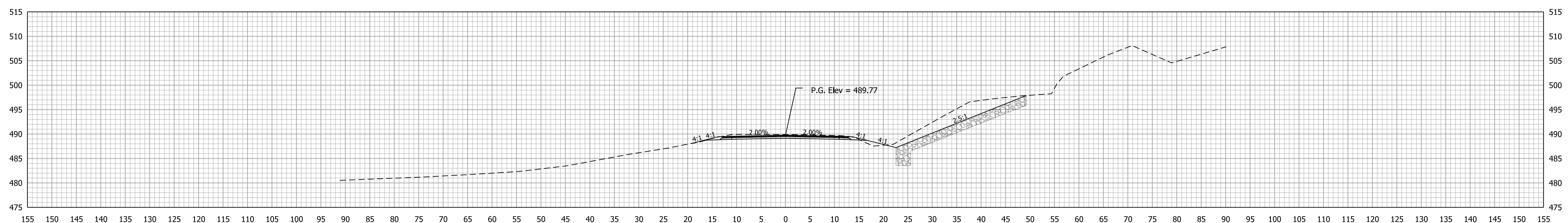
**CROSS SECTIONS
Line "PR-A"**

SCALE 1" = 10'	BRIDGE FILE 450-51-10337
	DESIGNATION 1700155
CONTRACT B-40589	SHEETS 12 of 30
	PROJECT 1700155



Ac = 122.9 SFT Af = 7.4 SFT Ab = 16.7 SFT
 Vc = 185 CYS Vf = 9 CYS Vb = 15 CYS

13+00.00



Ac = 77.4 SFT Af = 2.7 SFT Ab = 0.0 SFT
 Vc = 88 CYS Vf = 3 CYS Vb = 0 CYS

12+50.00

Plot: 5/21/2020 9:41 AM

File: pw:\dotwise\indot.in.gov\DOTWise\Documents\Vincennes\1700155\Design\InRoads\PrPlan50
 Model: P_ALG_Horizontal2

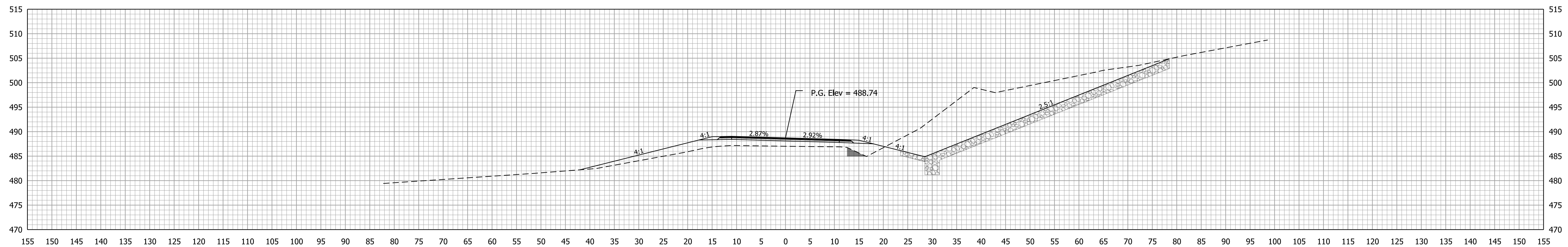
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARS	8/2019	DRAWN: MGA
CHECKED: RBM	8/2019	CHECKED: ARS

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
Line "PR-A"

SCALE 1" = 10'	BRIDGE FILE 450-51-10337
	DESIGNATION 1700155
SURVEY BOOK Electronic	SHEETS 13 of 30
CONTRACT B-40589	PROJECT 1700155

STA. 12+50.00 TO STA. 13+00.00

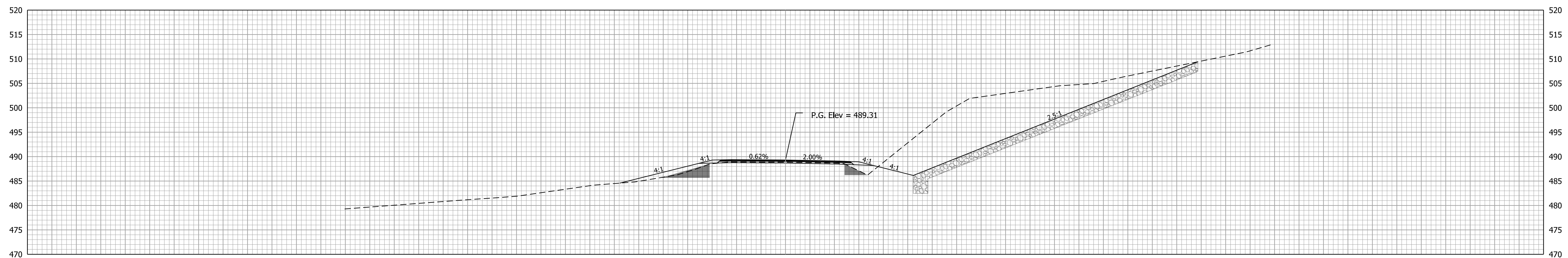


Ac = 280.3 SFT
Vc = 616 CYS

Af = 75.4 SFT
Vf = 90 CYS

Ab = 3.7 SFT
Vb = 22 CYS

14+00.00



Ac = 385.2 SFT
Vc = 471 CYS

Af = 21.6 SFT
Vf = 27 CYS

Ab = 19.6 SFT
Vb = 34 CYS

13+50.00

Plot: 5/21/2020 9:41 AM

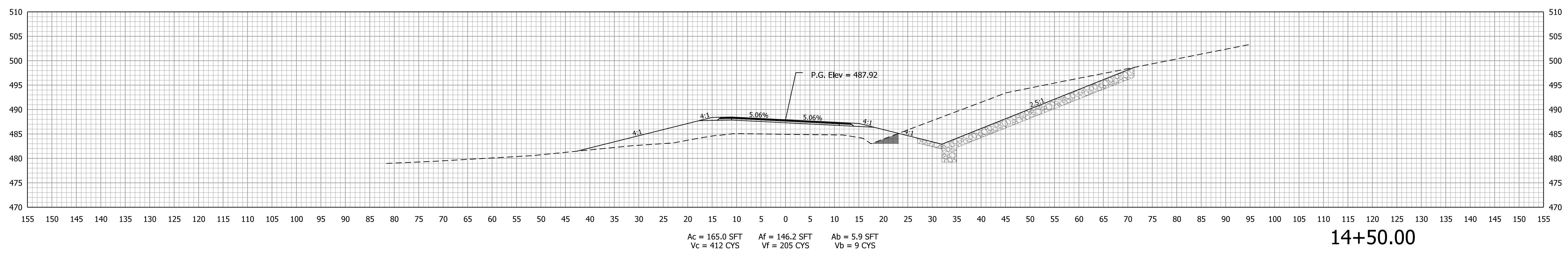
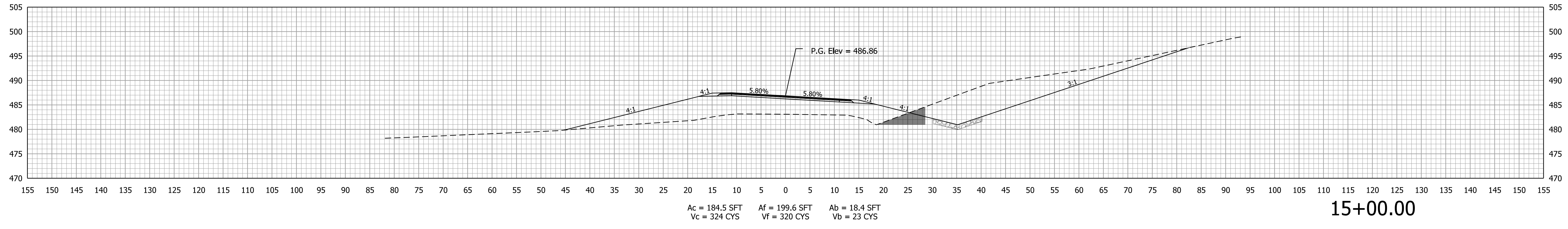
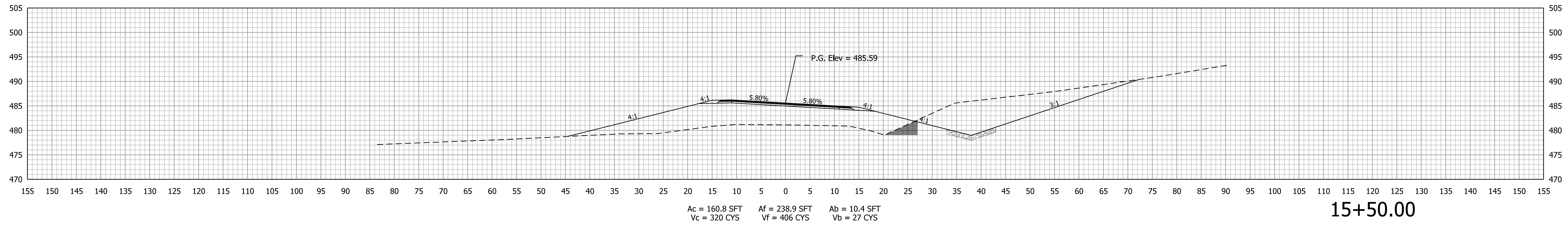
STA. 13+50.00 TO STA. 14+00.00

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE
DESIGNED: ARS	8/2019	DRAWN: MGA	8/2019	
CHECKED: RBM	8/2019	CHECKED: ARS	8/2019	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
Line "PR-A"

SCALE 1" = 10'	BRIDGE FILE 450-51-10337
	DESIGNATION 1700155
SURVEY BOOK Electronic	SHEETS 14 of 30
CONTRACT B-40589	PROJECT 1700155



Plot: 5/21/2020 9:41 AM

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Model: P_ALG_Horizontal2

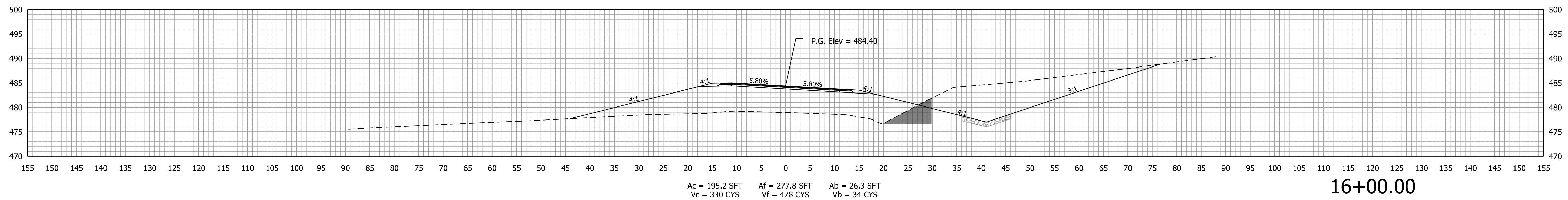
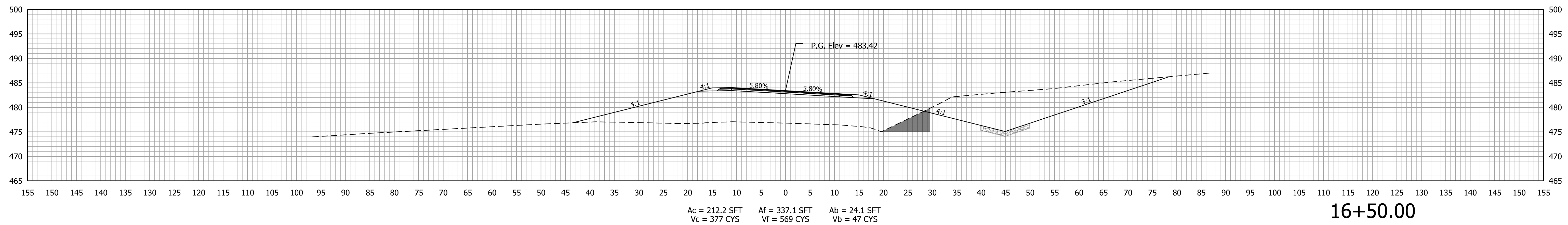
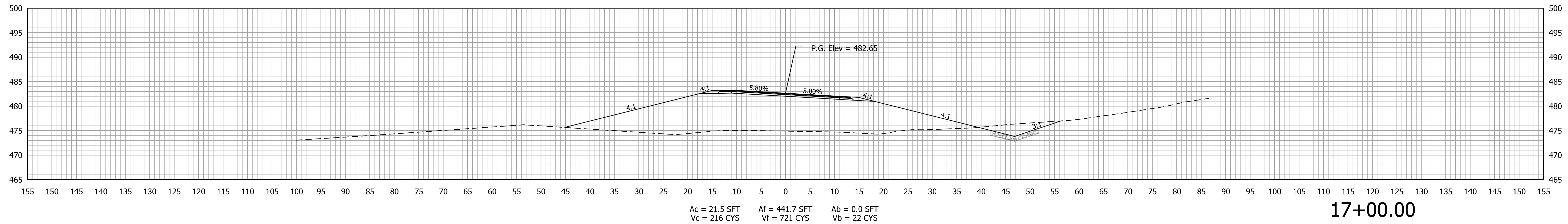
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARS	8/2019	DRAWN: MGA
CHECKED: RBM	8/2019	CHECKED: ARS

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
Line "PR-A"**

SCALE 1" = 10'	BRIDGE FILE 450-51-10337
	DESIGNATION 1700155
SURVEY BOOK Electronic	SHEETS 15 of 30
CONTRACT B-40589	PROJECT 1700155

STA. 14+50.00 TO STA. 15+50.00



Plot: 5/21/2020 9:42 AM

File: pw:\dotwise\indot.in.gov\DOT\Wise\Documents\Vincennes\1700155\Design\InRoads\PrPlan50
Model: P_ALG_Horizontal2

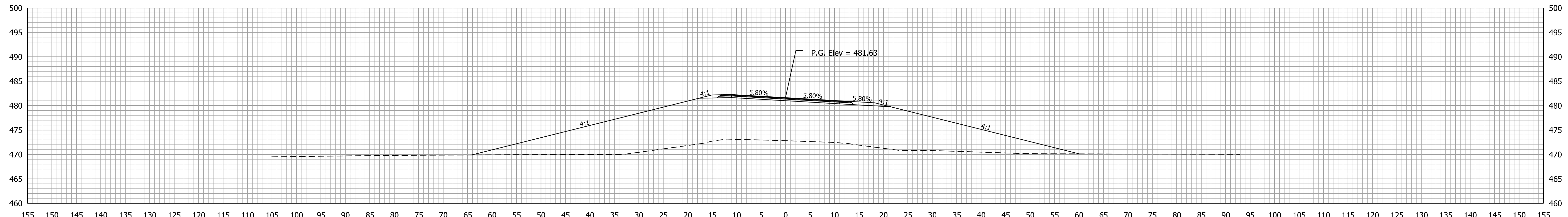
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARS	8/2019	DRAWN: MGA
CHECKED: RBM	8/2019	CHECKED: ARS

INDIANA
DEPARTMENT OF TRANSPORTATION

**CROSS SECTIONS
Line "PR-A"**

SCALE 1" = 10'	BRIDGE FILE 450-51-10337
	DESIGNATION 1700155
SURVEY BOOK Electronic	SHEETS 16 of 30
CONTRACT B-40589	PROJECT 1700155

STA. 16+00.00 TO STA. 17+00.00

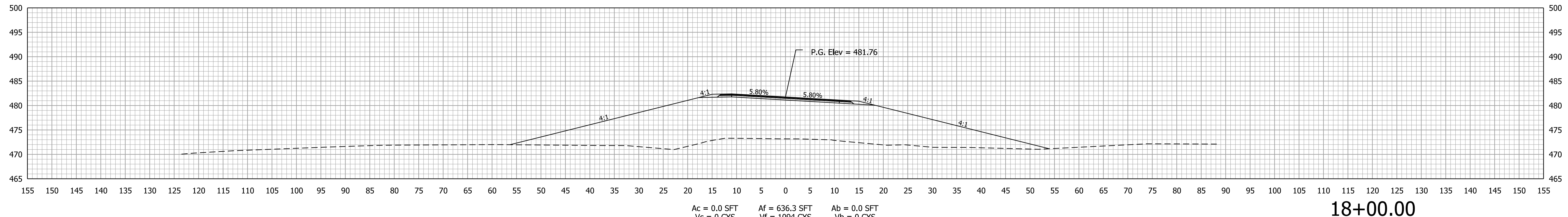


Ac = 0.0 SFT
Vc = 0 CYS

Af = 749.0 SFT
Vf = 1283 CYS

Ab = 0.0 SFT
Vb = 0 CYS

18+50.00

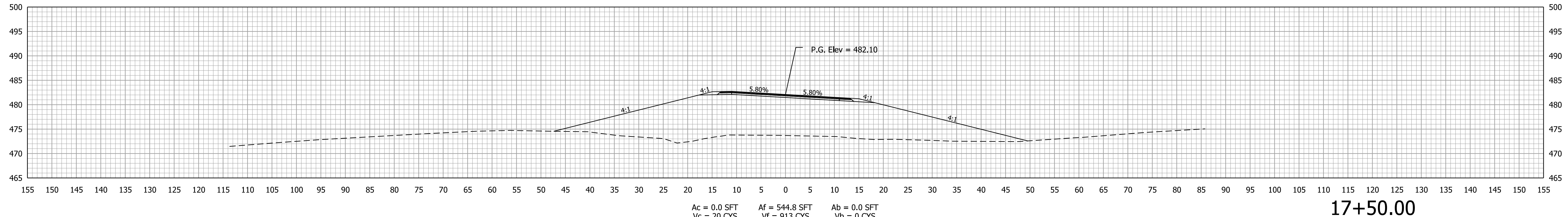


Ac = 0.0 SFT
Vc = 0 CYS

Af = 636.3 SFT
Vf = 1094 CYS

Ab = 0.0 SFT
Vb = 0 CYS

18+00.00



Ac = 0.0 SFT
Vc = 20 CYS

Af = 544.8 SFT
Vf = 913 CYS

Ab = 0.0 SFT
Vb = 0 CYS

17+50.00

Plot: 5/21/2020 9:42 AM

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Model: P_ALG_Horizontal2

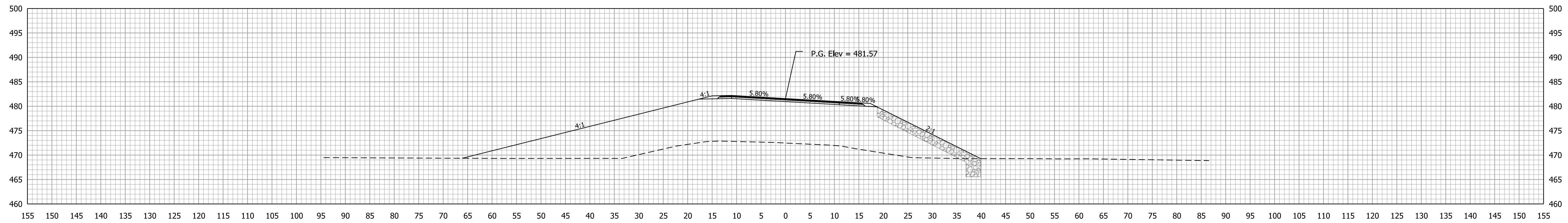
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARS	8/2019	DRAWN: MGA
CHECKED: RBM	8/2019	CHECKED: ARS

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
Line "PR-A"

SCALE 1" = 10'	BRIDGE FILE 450-51-10337
	DESIGNATION 1700155
SURVEY BOOK Electronic	SHEETS 17 of 30
CONTRACT B-40589	PROJECT 1700155

STA. 17+50.00 TO STA. 18+50.00

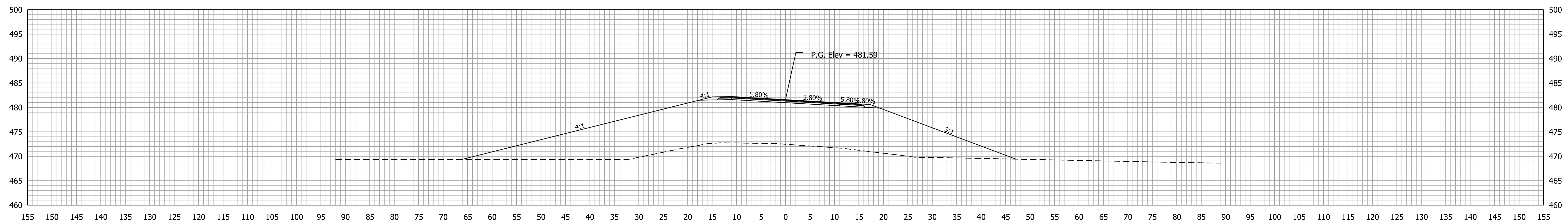


Ac = 0.0 SFT
Vc = 0 CYS

Af = 687.1 SFT
Vf = 1312 CYS

Ab = 0.0 SFT
Vb = 0 CYS

20+00.00

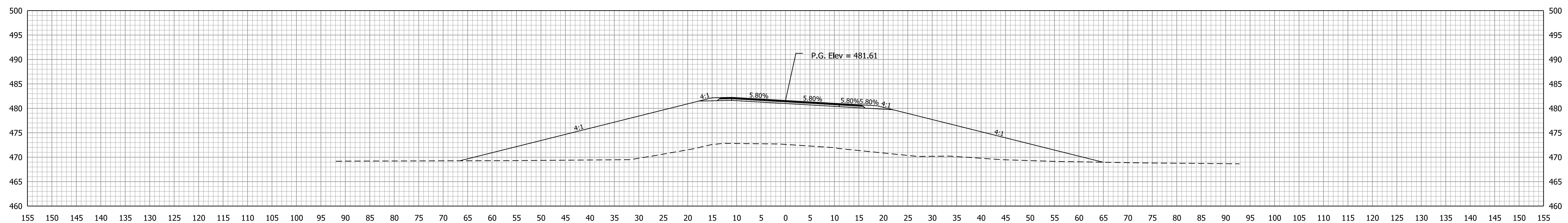


Ac = 0.0 SFT
Vc = 0 CYS

Af = 730.4 SFT
Vf = 1436 CYS

Ab = 0.0 SFT
Vb = 0 CYS

19+50.00



Ac = 0.0 SFT
Vc = 0 CYS

Af = 820.7 SFT
Vf = 1453 CYS

Ab = 0.0 SFT
Vb = 0 CYS

19+00.00

Plot: 5/21/2020 9:42 AM

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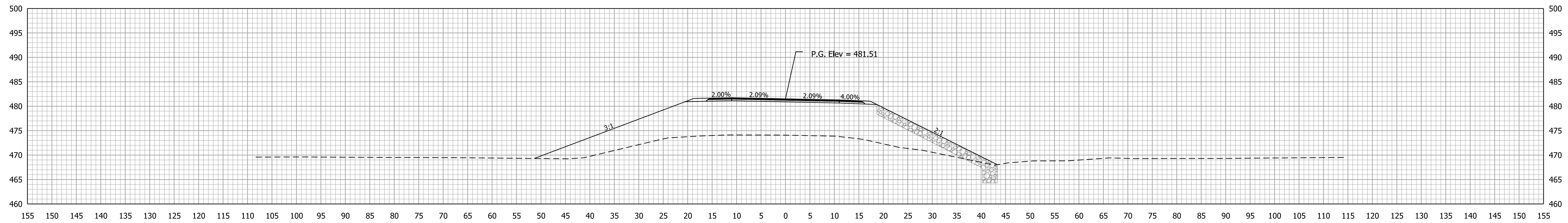
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____
DESIGNED: ARS	8/2019	DRAWN: MGA	8/2019	
CHECKED: RBM	8/2019	CHECKED: ARS	8/2019	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
Line "PR-A"

SCALE 1" = 10'	BRIDGE FILE 450-51-10337
	DESIGNATION 1700155
SURVEY BOOK Electronic	SHEETS 18 of 30
CONTRACT B-40589	PROJECT 1700155

STA. 19+00.00 TO STA. 20+00.00

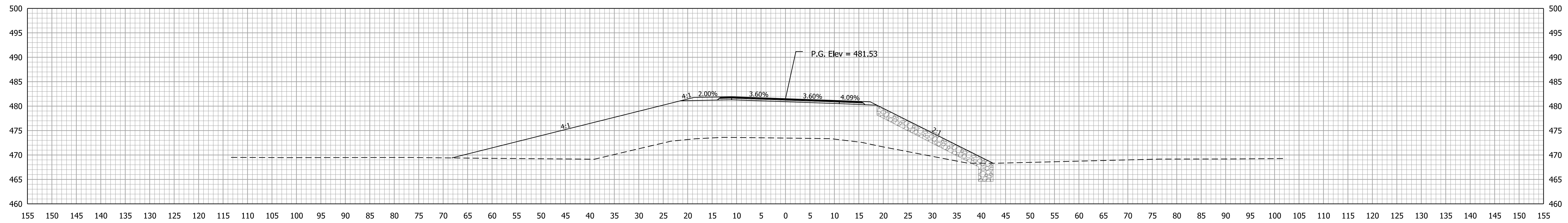


Ac = 0.0 SFT
Vc = 0 CYS

Af = 496.5 SFT
Vf = 1069 CYS

Ab = 0.0 SFT
Vb = 0 CYS

21+50.00

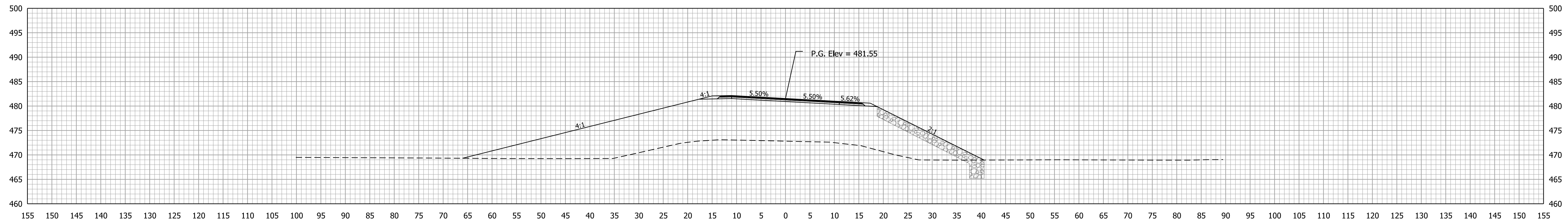


Ac = 0.0 SFT
Vc = 0 CYS

Af = 658.5 SFT
Vf = 1231 CYS

Ab = 0.0 SFT
Vb = 0 CYS

21+00.00



Ac = 0.0 SFT
Vc = 0 CYS

Af = 671.0 SFT
Vf = 1257 CYS

Ab = 0.0 SFT
Vb = 0 CYS

20+50.00

Plot: 5/21/2020 9:43 AM

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Model: P_ALG_Horizontal2

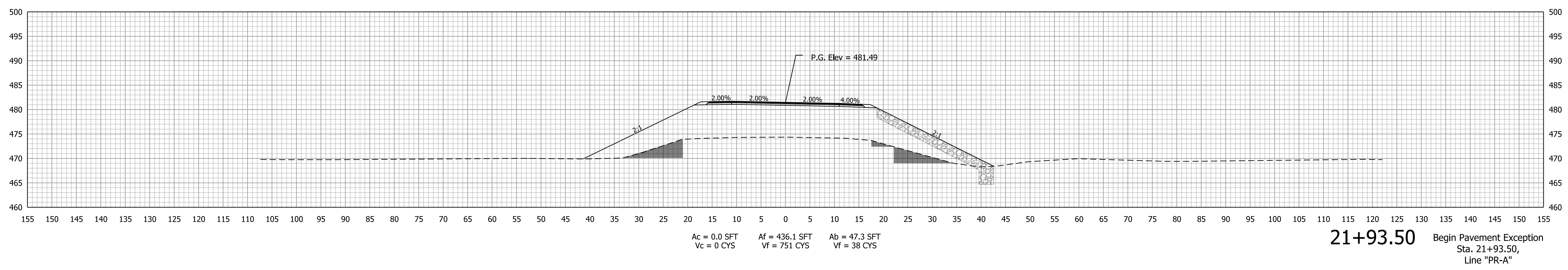
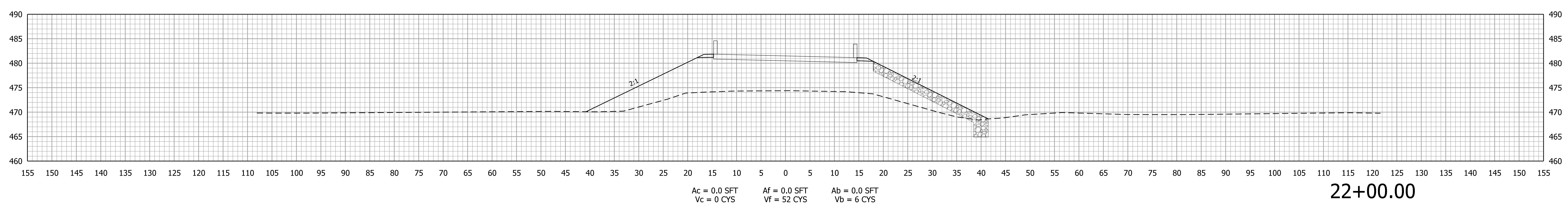
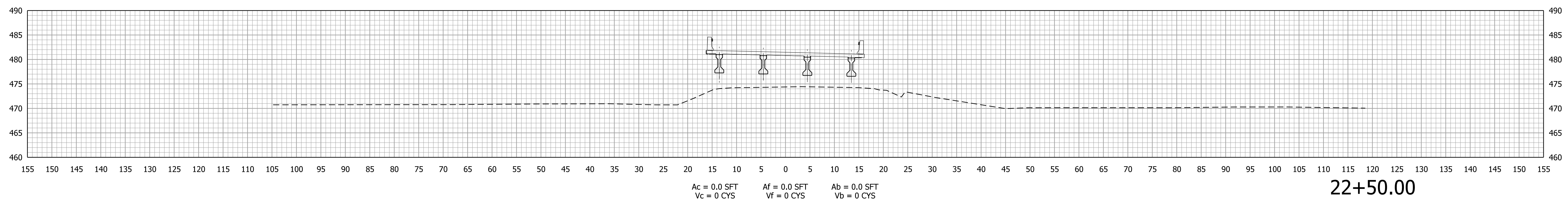
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARS	8/2019	DRAWN: MGA
CHECKED: RBM	8/2019	CHECKED: ARS

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
Line "PR-A"

SCALE 1" = 10'	BRIDGE FILE 450-51-10337
	DESIGNATION 1700155
SURVEY BOOK Electronic	SHEETS 19 of 30
CONTRACT B-40589	PROJECT 1700155

STA. 20+50.00 TO STA. 21+50.00



Plot: 5/21/2020 9:43 AM

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Model: P_ALG_Horizontal2

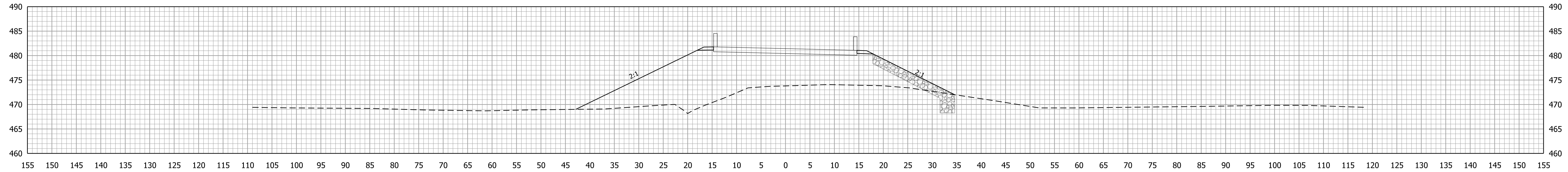
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____
DESIGNED: ARS	8/2019	DRAWN: MGA	8/2019	
CHECKED: RBM	8/2019	CHECKED: ARS	8/2019	

INDIANA
DEPARTMENT OF TRANSPORTATION

**CROSS SECTIONS
Line "PR-A"**

SCALE 1" = 10'	BRIDGE FILE 450-51-10337
	DESIGNATION 1700155
SURVEY BOOK Electronic	SHEETS 20 of 30
CONTRACT B-40589	PROJECT 1700155

STA. 21+93.50 TO STA. 22+50.00

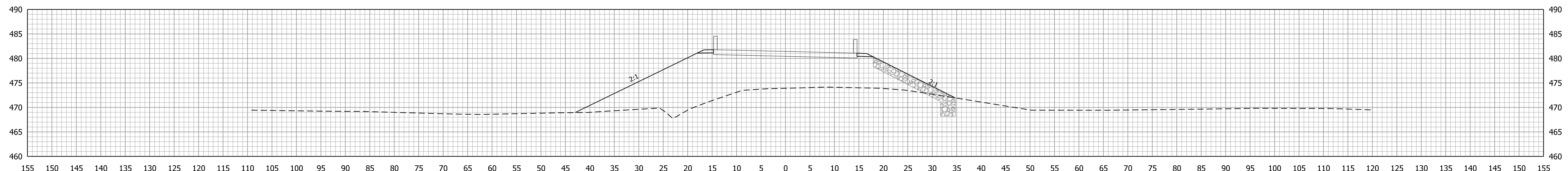


Ac = 0.0 SFT
Vc = 0 CYS

Af = 0.0 SFT
Vf = 0 CYS

Ab = 0.0 SFT
Vb = 0 CYS

23+60.50 End Pavement Exception
Sta. 23+60.50,
Line "PR-A"

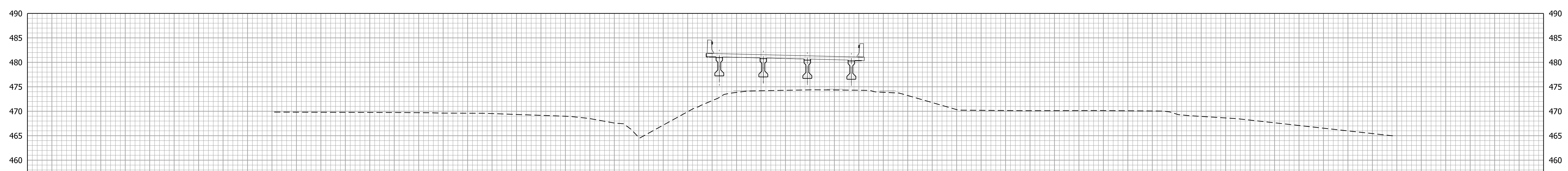


Ac = 0.0 SFT
Vc = 0 CYS

Af = 0.0 SFT
Vf = 0 CYS

Ab = 0.0 SFT
Vb = 0 CYS

23+50.00



Ac = 0.0 SFT
Vc = 0 CYS

Af = 0.0 SFT
Vf = 0 CYS

Ab = 0.0 SFT
Vb = 0 CYS

23+00.00

Plot: 5/21/2020 9:43 AM

File: p:\dotwise\indot.in.gov\DOT\wise\Documents\1700155\Design\InRoads\PrPlan50
Model: P_ALG_Horizontal2

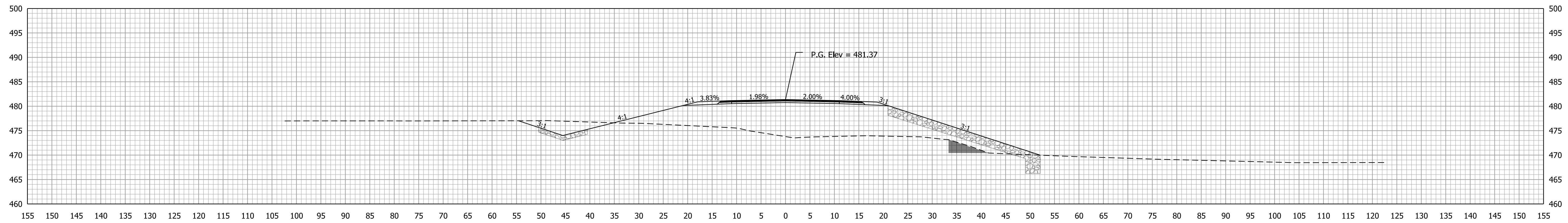
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARS	8/2019	DRAWN: MGA
CHECKED: RBM	8/2019	CHECKED: ARS

INDIANA
DEPARTMENT OF TRANSPORTATION

**CROSS SECTIONS
Line "PR-A"**

SCALE 1" = 10'	BRIDGE FILE 450-51-10337
	DESIGNATION 1700155
SURVEY BOOK Electronic	SHEETS 21 of 30
CONTRACT B-40589	PROJECT 1700155

STA. 23+00.00 TO STA. 23+60.50

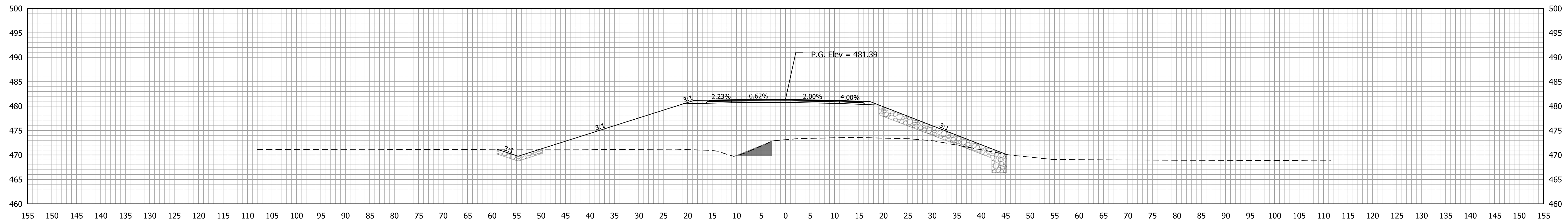


Ac = 29.0 SFT
Vc = 33 CYS

Af = 373.7 SFT
Vf = 851 CYS

Ab = 11.3 SFT
Vb = 22 CYS

25+00.00

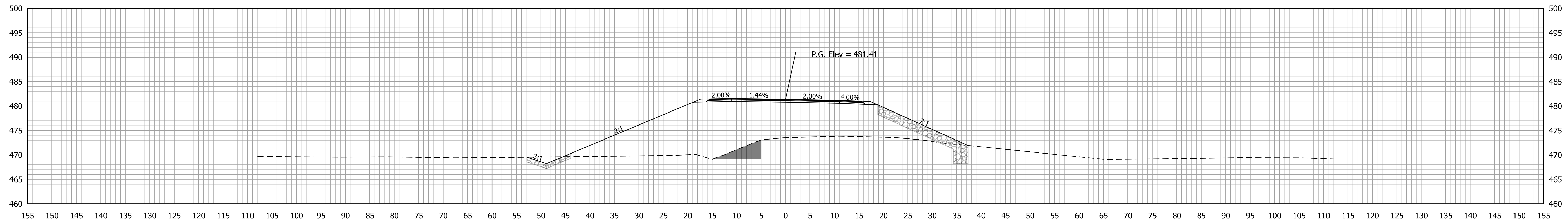


Ac = 6.4 SFT
Vc = 11 CYS

Af = 544.9 SFT
Vf = 978 CYS

Ab = 12.2 SFT
Vb = 30 CYS

24+50.00



Ac = 5.1 SFT
Vc = 4 CYS

Af = 511.3 SFT
Vf = 374 CYS

Ab = 19.9 SFT
Vb = 15 CYS

24+00.00

Plot: 5/21/2020 9:43 AM

File: pw:\dotwise\indot.in.gov\DOTWise\Documents\Vincennes\1700155\Design\InRoads\PrPlan50
Model: P_ALG_Horizontal2

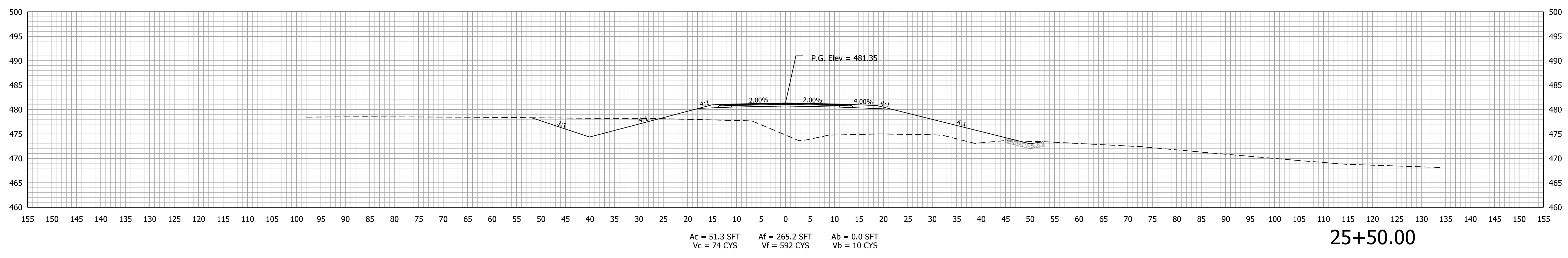
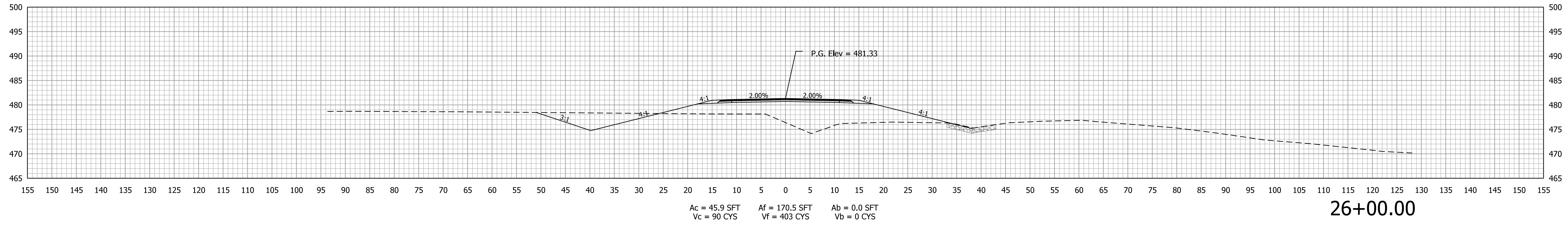
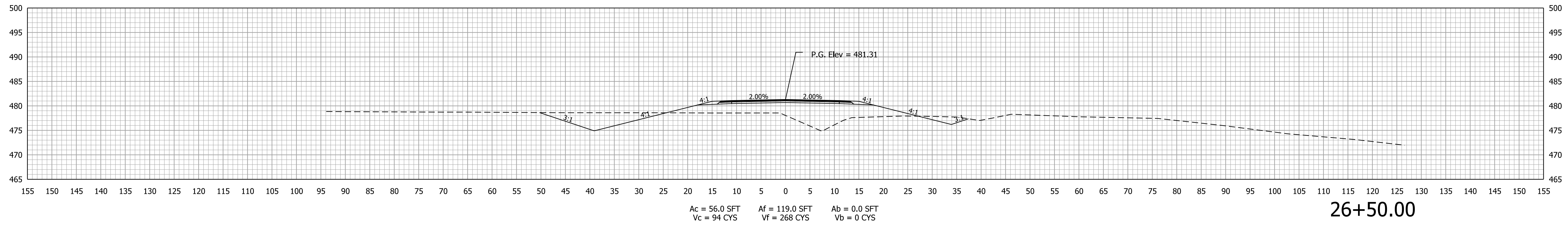
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARS	8/2019	DRAWN: MGA
CHECKED: RBM	8/2019	CHECKED: ARS

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
Line "PR-A"

SCALE 1" = 10'	BRIDGE FILE 450-51-10337
	DESIGNATION 1700155
SURVEY BOOK Electronic	SHEETS 22 of 30
CONTRACT B-40589	PROJECT 1700155

STA. 24+00.00 TO STA. 25+00.00



Plot: 5/21/2020 9:44 AM

File: pw:\dotwise\indot.in.gov\DOTWise\Documents\Vincennes\1700155\Design\InRoads\PrPlan50 Model:P_ALG_Horizontal2

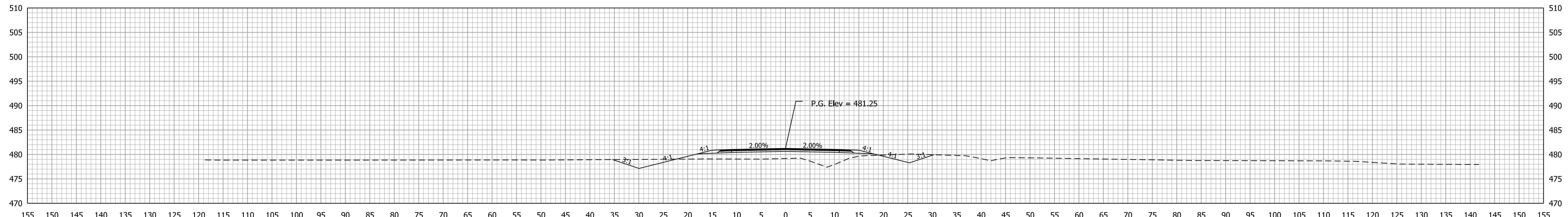
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARS	8/2019	DRAWN: MGA
CHECKED: RBM	8/2019	CHECKED: ARS

INDIANA
DEPARTMENT OF TRANSPORTATION

**CROSS SECTIONS
Line "PR-A"**

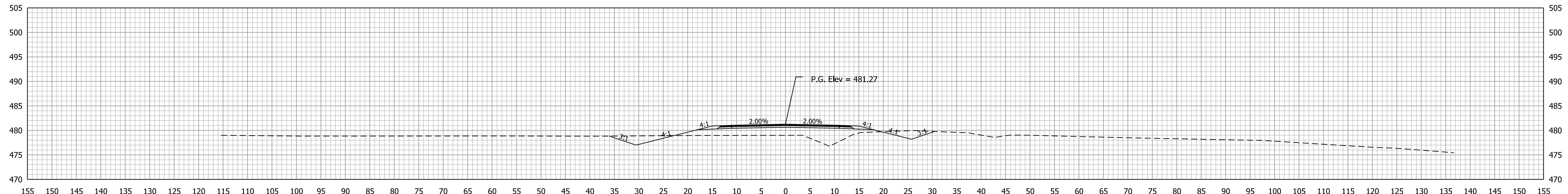
SCALE 1" = 10'	BRIDGE FILE 450-51-10337
	DESIGNATION 1700155
SURVEY BOOK Electronic	SHEETS 23 of 30
CONTRACT B-40589	PROJECT 1700155

STA. 25+50.00 TO STA. 26+50.00



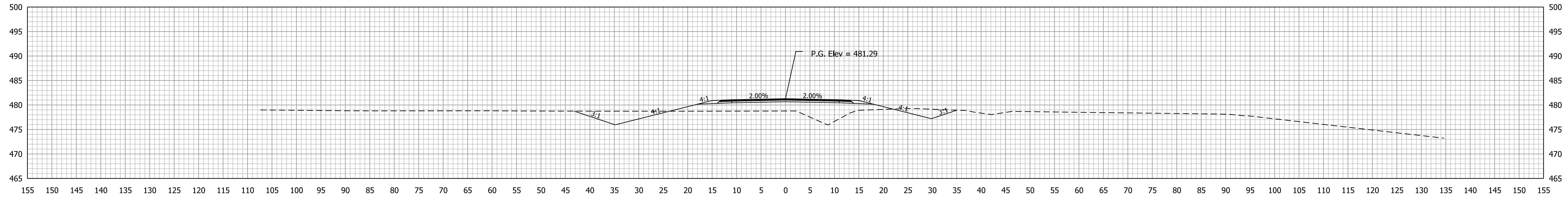
Ac = 22.2 SFT Af = 55.3 SFT Ab = 0.0 SFT
 Vc = 41 CYS Vf = 111 CYS Vb = 0 CYS

28+00.00



Ac = 21.9 SFT Af = 64.5 SFT Ab = 0.0 SFT
 Vc = 58 CYS Vf = 137 CYS Vb = 0 CYS

27+50.00



Ac = 40.4 SFT Af = 83.8 SFT Ab = 0.0 SFT
 Vc = 89 CYS Vf = 188 CYS Vb = 0 CYS

27+00.00

Plot: 5/21/2020 9:44 AM

File: pw:\dotwise\indot.in.gov\DOTWise\Documents\Vincennes\1700155\Design\InRoads\PrPlan50
 Model: P_ALG_Horizontal2

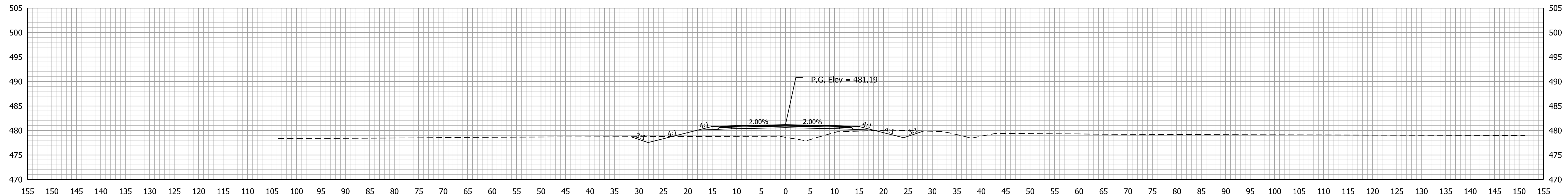
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARS	8/2019	DRAWN: MGA
CHECKED: RBM	8/2019	CHECKED: ARS

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
Line "PR-A"

SCALE 1" = 10'	BRIDGE FILE 450-51-10337
	DESIGNATION 1700155
SURVEY BOOK Electronic	SHEETS 24 of 30
CONTRACT B-40589	PROJECT 1700155

STA. 27+00.00 TO STA. 28+00.00

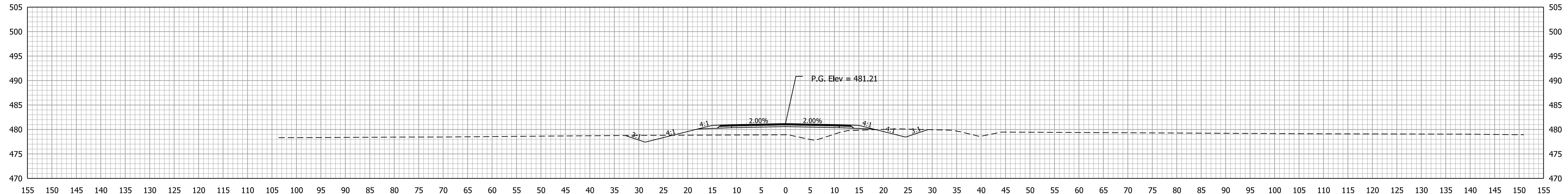


Ac = 12.6 SFT
Vc = 26 CYS

Af = 53.9 SFT
Vf = 101 CYS

Ab = 0.0 SFT
Vb = 0 CYS

29+50.00

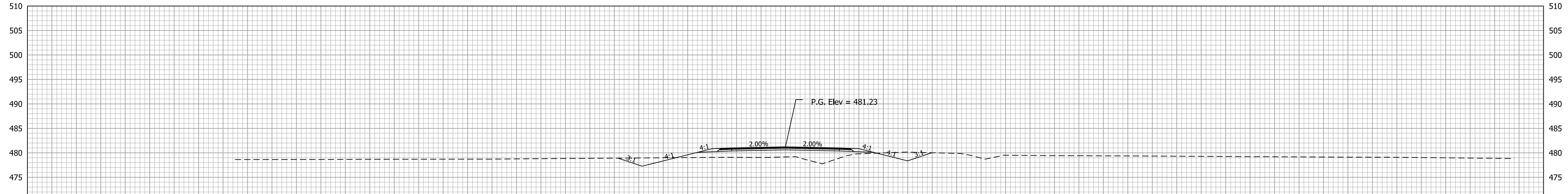


Ac = 15.8 SFT
Vc = 33 CYS

Af = 55.3 SFT
Vf = 99 CYS

Ab = 0.0 SFT
Vb = 0 CYS

29+00.00



Ac = 20.2 SFT
Vc = 39 CYS

Af = 51.7 SFT
Vf = 99 CYS

Ab = 0.0 SFT
Vb = 0 CYS

28+50.00

Plot: 5/21/2020 9:44 AM

File: pw:\dotwise\indot.in.gov\DOTWise\Documents\Vincennes\1700155\Design\InRoads\PrPlan50
Model: P_ALG_Horizontal2

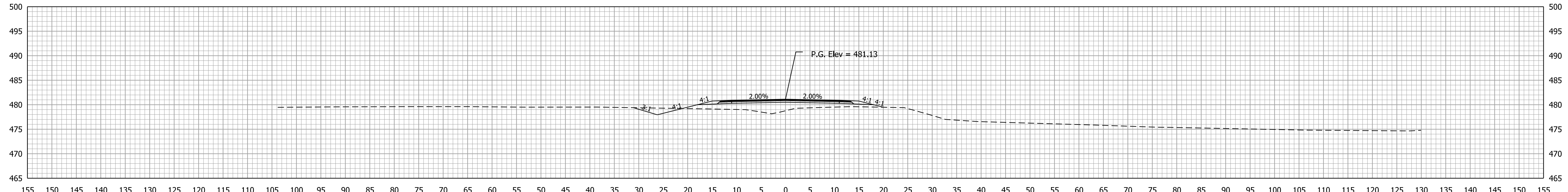
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____
DESIGNED: ARS	8/2019	DRAWN: MGA	8/2019	
CHECKED: RBM	8/2019	CHECKED: ARS	8/2019	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
Line "PR-A"

SCALE 1" = 10'	BRIDGE FILE 450-51-10337
	DESIGNATION 1700155
SURVEY BOOK Electronic	SHEETS 25 of 30
CONTRACT B-40589	PROJECT 1700155

STA. 28+50.00 TO STA. 29+50.00

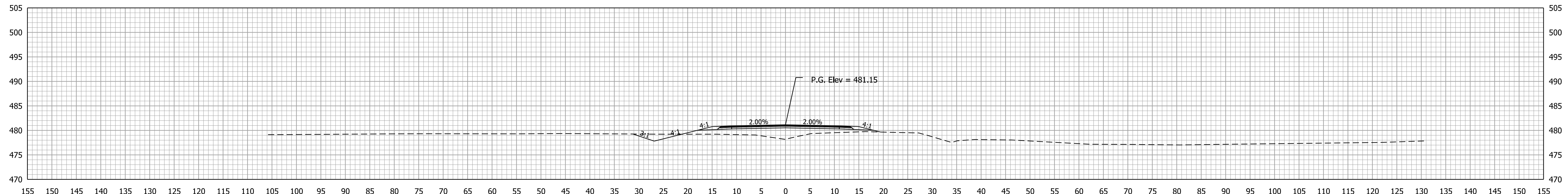


Ac = 6.8 SFT
Vc = 13 CYS

Af = 43.7 SFT
Vf = 80 CYS

Ab = 0.0 SFT
Vb = 0 CYS

31+00.00

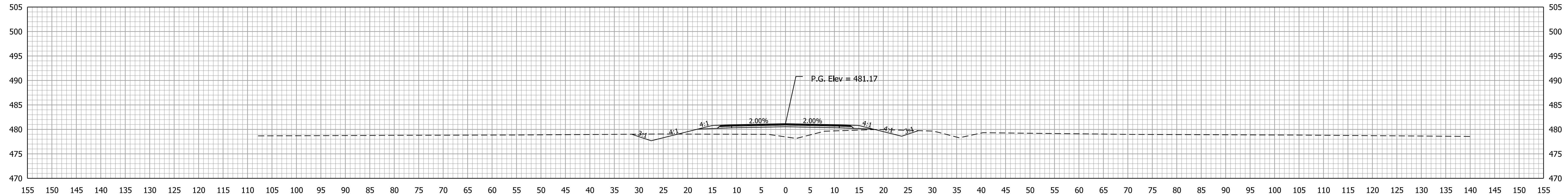


Ac = 7.1 SFT
Vc = 18 CYS

Af = 43.1 SFT
Vf = 82 CYS

Ab = 0.0 SFT
Vb = 0 CYS

30+50.00



Ac = 12.1 SFT
Vc = 23 CYS

Af = 45.3 SFT
Vf = 92 CYS

Ab = 0.0 SFT
Vb = 0 CYS

30+00.00

Plot: 5/21/2020 9:45 AM

File: pw:\dotwise\indot.in.gov\DOT\Wise\Documents\Vincennes\1700155\Design\InRoads\PrPlan50
Model: P_ALG_Horizontal2

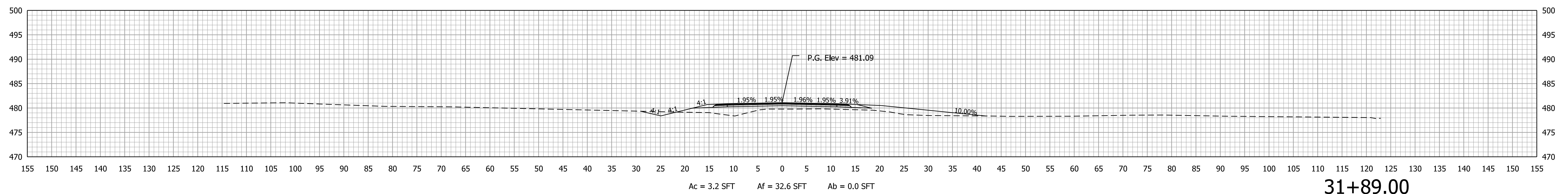
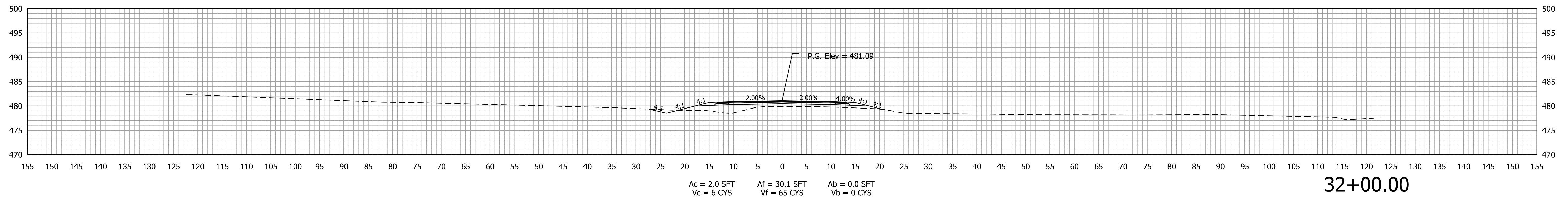
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____
DESIGNED: ARS	8/2019	DRAWN: MGA	8/2019	
CHECKED: RBM	8/2019	CHECKED: ARS	8/2019	

INDIANA
DEPARTMENT OF TRANSPORTATION

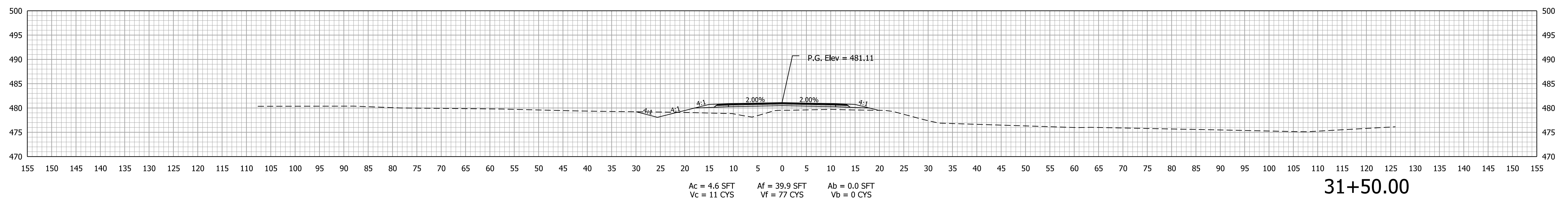
CROSS SECTIONS
Line "PR-A"

SCALE 1" = 10'	BRIDGE FILE 450-51-10337
	DESIGNATION 1700155
SURVEY BOOK Electronic	SHEETS 26 of 30
CONTRACT B-40589	PROJECT 1700155

STA. 30+00.00 TO STA. 31+00.00



Class V Drive
Width 24'-0", Length 26'-6"
Sta. 31+89,
Line "PR-A"



Plot: 5/21/2020 9:45 AM

File: pw:\dotwise\indot.in.gov\DOT\Wise\Documents\Vincennes\1700155\Design\InRoads\PrPlan50
Model: P_ALG_Horizontal2

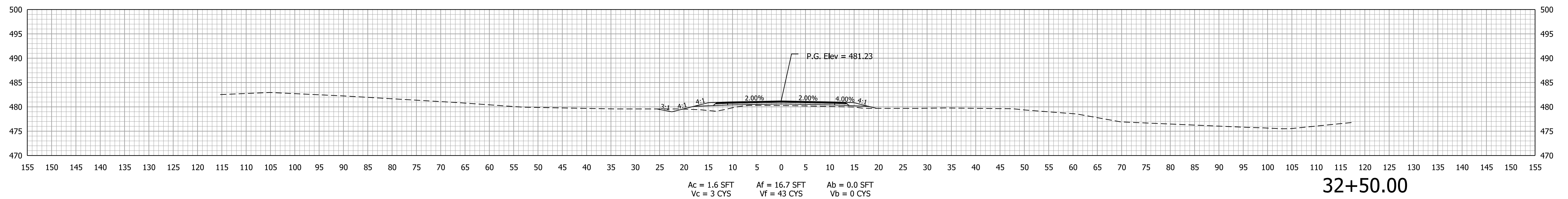
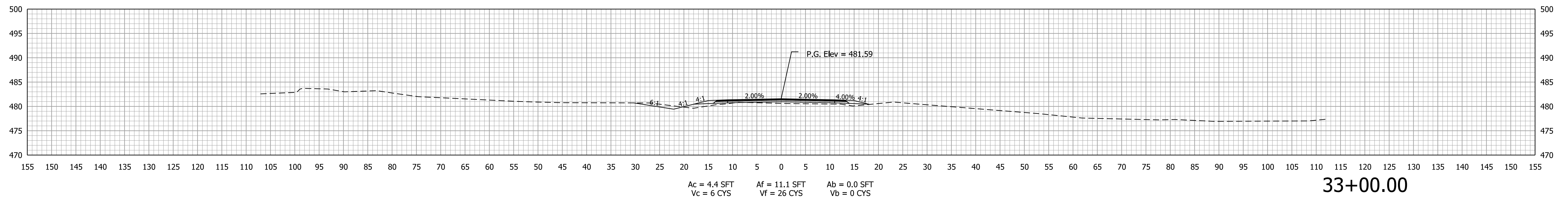
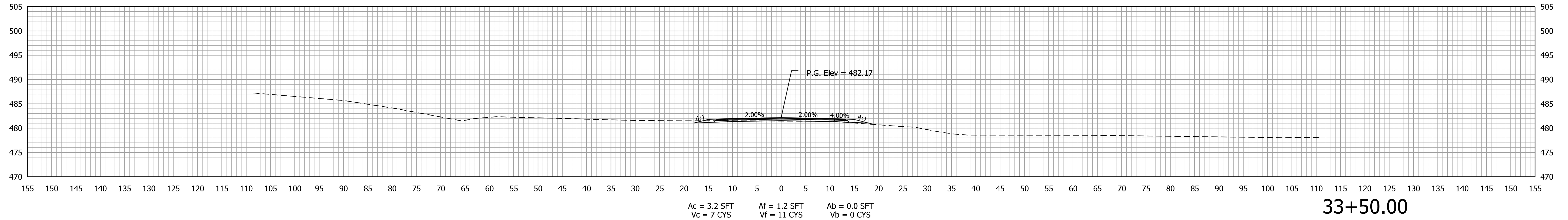
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____
DESIGNED: ARS	8/2019	DRAWN: MGA	8/2019	
CHECKED: RBM	8/2019	CHECKED: ARS	8/2019	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
Line "PR-A"**

SCALE 1" = 10'	BRIDGE FILE 450-51-10337
	DESIGNATION 1700155
SURVEY BOOK Electronic	SHEETS 27 of 30
CONTRACT B-40589	PROJECT 1700155

STA. 31+50.00 TO STA. 32+00.00



Plot: 5/21/2020 9:45 AM

File: pw:\dotwise\indot.in.gov\DOT\wise\Documents\1700155\Design\InRoads\PrPlan50
Model: P_ALG_Horizontal2

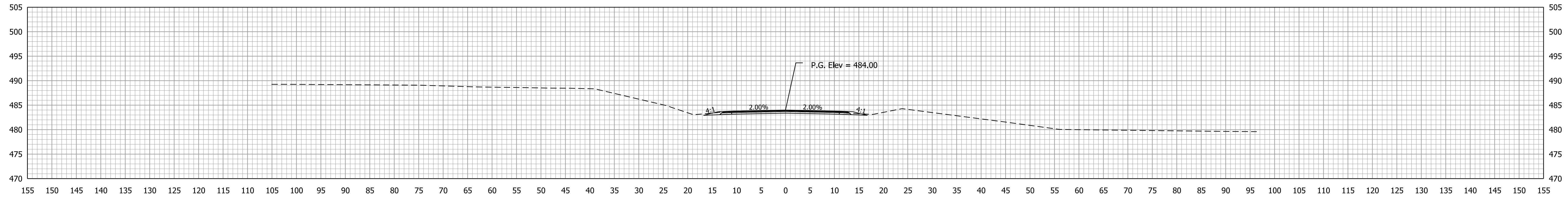
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____
DESIGNED: ARS	8/2019	DRAWN: MGA	8/2019	
CHECKED: RBM	8/2019	CHECKED: ARS	8/2019	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
Line "PR-A"

SCALE 1" = 10'	BRIDGE FILE 450-51-10337
	DESIGNATION 1700155
SURVEY BOOK Electronic	SHEETS 28 of 30
CONTRACT B-40589	PROJECT 1700155

STA. 32+50.00 TO STA. 33+50.00

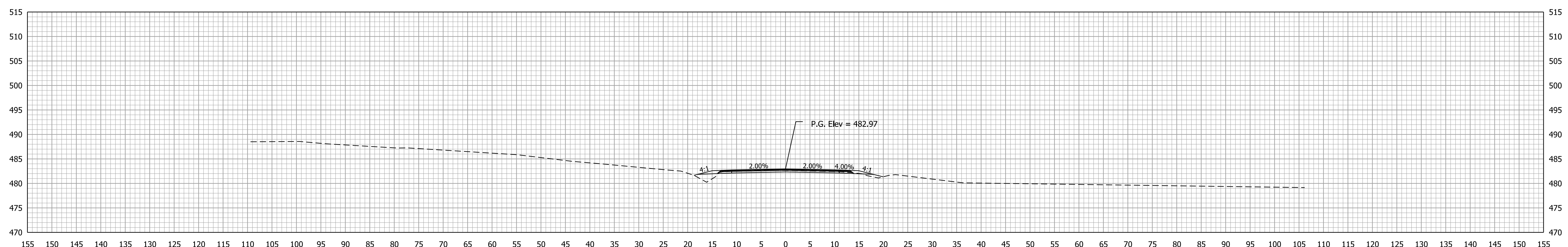


Ac = 15.8 SFT
Vc = 23 CYS

Af = 0.0 SFT
Vf = 6 CYS

Ab = 0.0 SFT
Vb = 0 CYS

34+50.00
End Project
Sta. 34+50,
Line "PR-A"

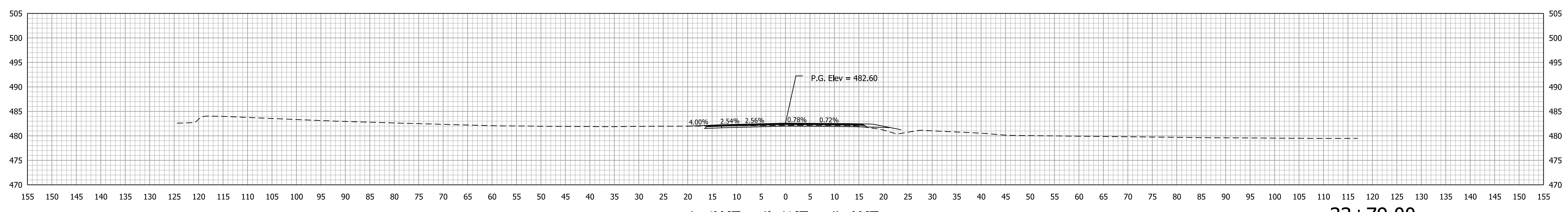


Ac = 9.1 SFT
Vc = 11 CYS

Af = 6.0 SFT
Vf = 7 CYS

Ab = 0.0 SFT
Vb = 0 CYS

34+00.00



Ac = 10.9 SFT

Af = 4.1 SFT

Ab = 0.0 SFT

33+79.00
Class II Drive
Width 18'-0", Length 5'-0"
Sta. 33+79,
Line "PR-A"

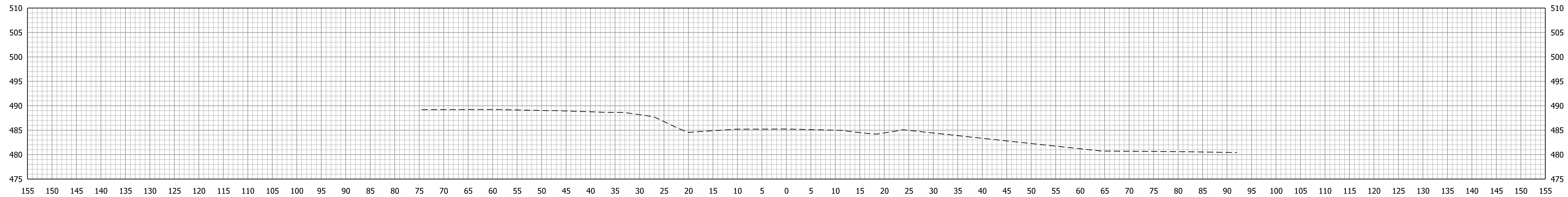
Plot: 5/21/2020 9:45 AM

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE
DESIGNED: ARS	8/2019	DRAWN: MGA	8/2019	
CHECKED: RBM	8/2019	CHECKED: ARS	8/2019	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
Line "PR-A"

SCALE 1" = 10'	BRIDGE FILE 450-51-10337
	DESIGNATION 1700155
SURVEY BOOK Electronic	SHEETS 29 of 30
CONTRACT B-40589	PROJECT 1700155



Ac = 0.0 SFT Af = 0.0 SFT Ab = 0.0 SFT
 Vc = 15 CYS Vf = 0 CYS Vb = 0 CYS

35+00.00

End Incidental
 Sta. 35+00,
 Line "PR-A"

Plot: 5/21/2020 9:46 AM

STA. 35+00.00 TO STA. 35+00.00

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ARS	8/2019	DRAWN: MGA
CHECKED: RBM	8/2019	CHECKED: ARS

INDIANA
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 Line "PR-A"

SCALE 1" = 10'	BRIDGE FILE 450-51-10337
	DESIGNATION 1700155
SURVEY BOOK Electronic	SHEETS 30 of 30
CONTRACT B-40589	PROJECT 1700155