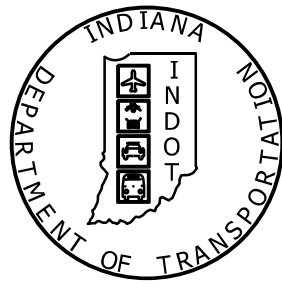


PROJECT	DESIGNATION
2100803 & 2100804	2100803 & 2100804
CONTRACT	CULVERT ASSET ID
R-43683	CV 032-054-27.50 B

STRUCTURE INFORMATION				
STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
CV 032-054-27.50 A CV 032-054-27.50 B	PRECAST REINFORCED CONCRETE BOX CULVERT	SPAN: 18' RISE: 8' NO SKEW	McFARLAND DITCH	99+95.00 LINE "A"

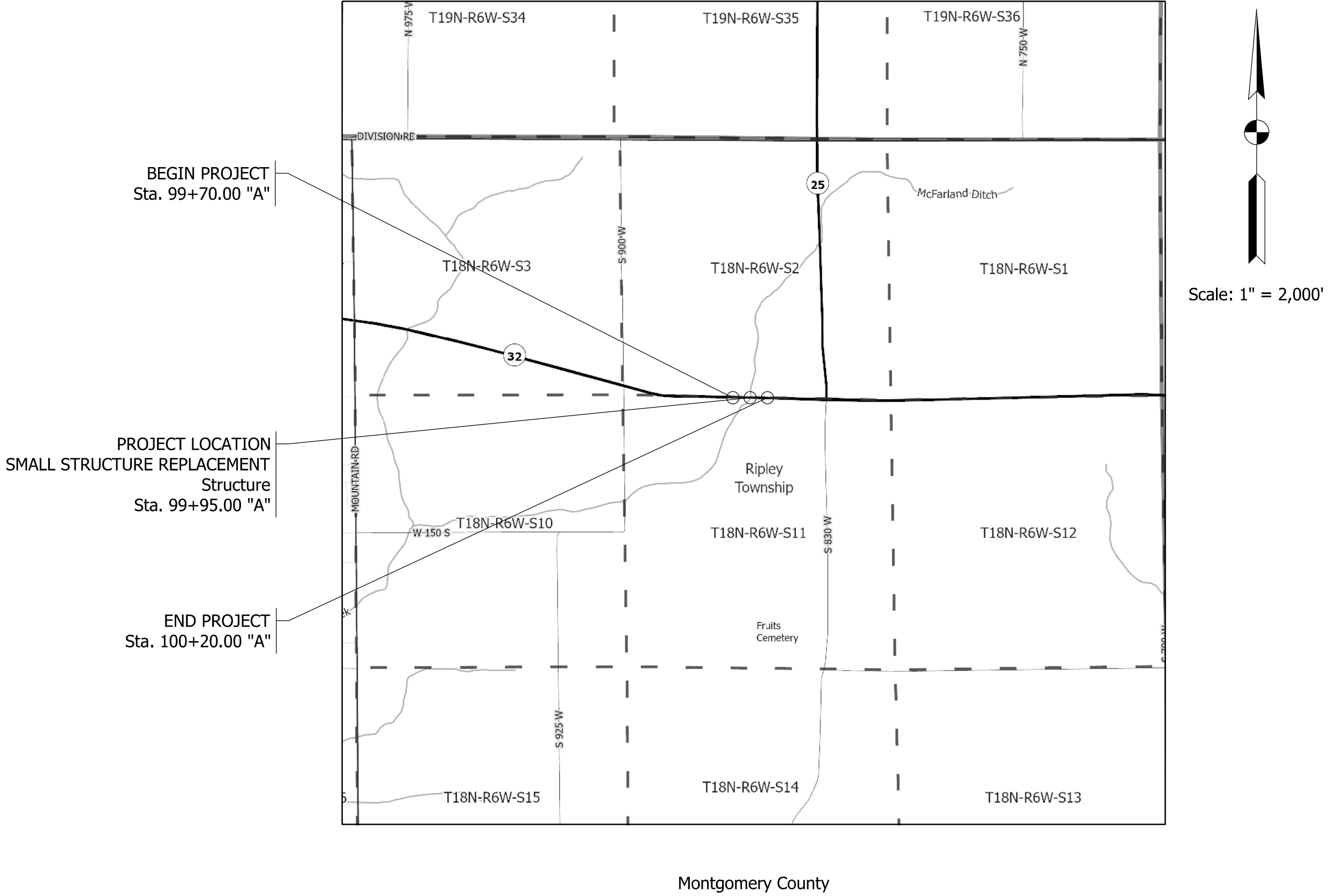
INDIANA DEPARTMENT OF TRANSPORTATION



ROAD PLANS

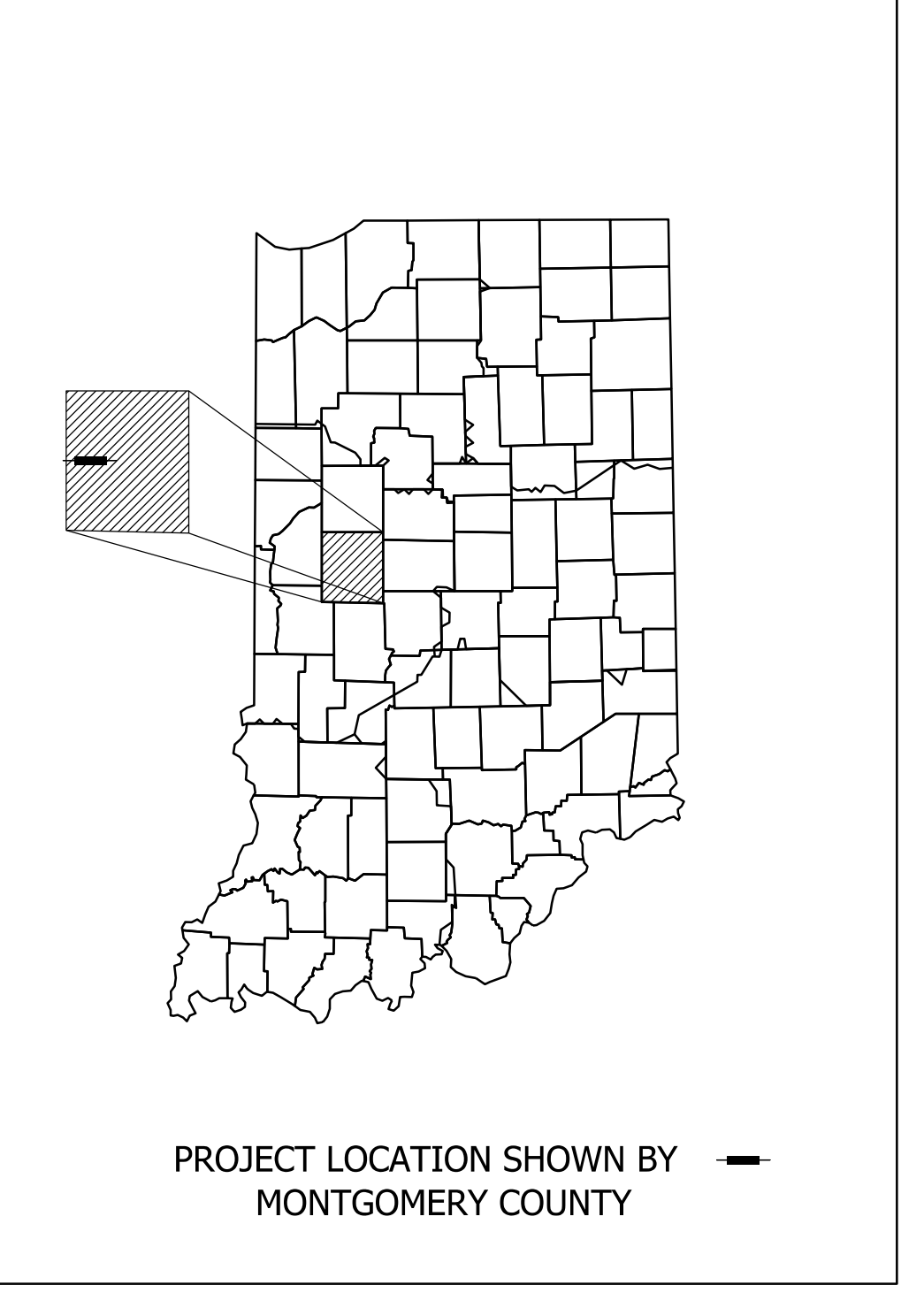
ROUTE: S.R. 32 AT: RP 27+50
PROJECT NO. 2100803 & 2100804 P.E.
2100803 & 2100804 R/W
2100803 & 2100804 CONST.

Small Structure Replacement on S.R. 32 over McFarland Ditch,
Located 0.27 Miles West of S.R. 25 in Sections 2 & 11,
T-18-N & R-6-W, Ripley Township, Crawfordsville District, Montgomery County, Indiana



TRAFFIC DATA		
A.A.D.T.	2026	1,410 V.P.D.
A.A.D.T.	2046	1,451 V.P.D.
D.H.V	2046	1,451 V.P.H.
DIRECTIONAL DISTRIBUTION		9.84 %
TRUCKS		6.13 % A.A.D.T. 6.52 % 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: 40° 1' 31" N LONGITUDE: 87° 3' 50" W

ROADWAY LENGTH:	0.009	MI.
TOTAL LENGTH:	0.009	MI.
MAX. GRADE:	1.620	%

HUC: 051201100501



9102 North Meridian Street, Suite 200, Indianapolis, IN 46260
Phone: (317) 566-0629

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

STAGE 2
SUBMITTAL

PLANS PREPARED BY: SJCA, INC. (317) 566-0629
PHONE NUMBER

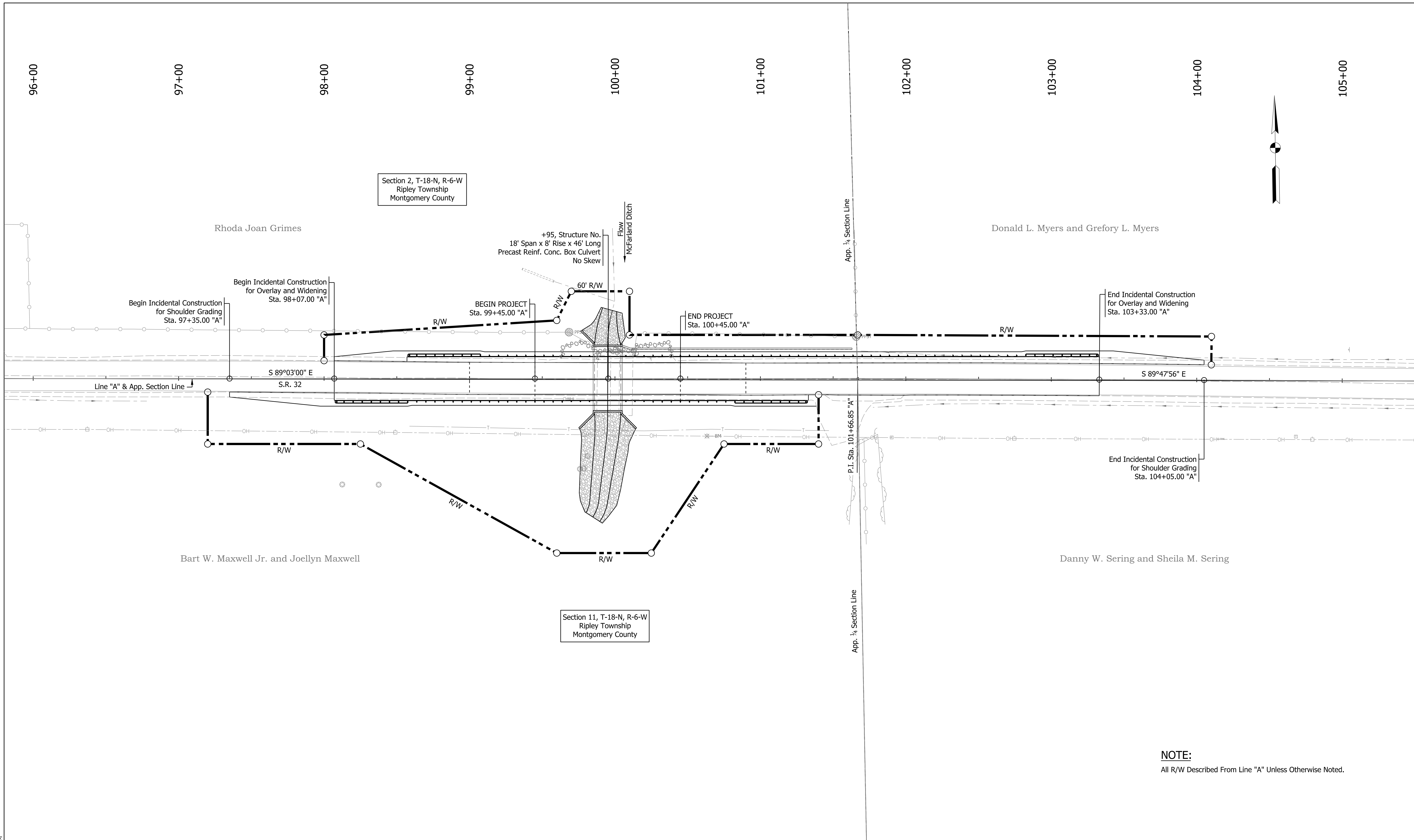
CERTIFIED BY: _____ DATE _____

RECOMMENDED FOR LETTING: _____ DATE _____

INDIANA DEPARTMENT OF TRANSPORTATION

BRIDGE FILE	
N/A	
DESIGNATION	
2100803 & 2100804	
SURVEY BOOK	SHEETS
ELECTRONIC	1 of 21
CONTRACT	PROJECT
R-43683	2100803 & 2100804

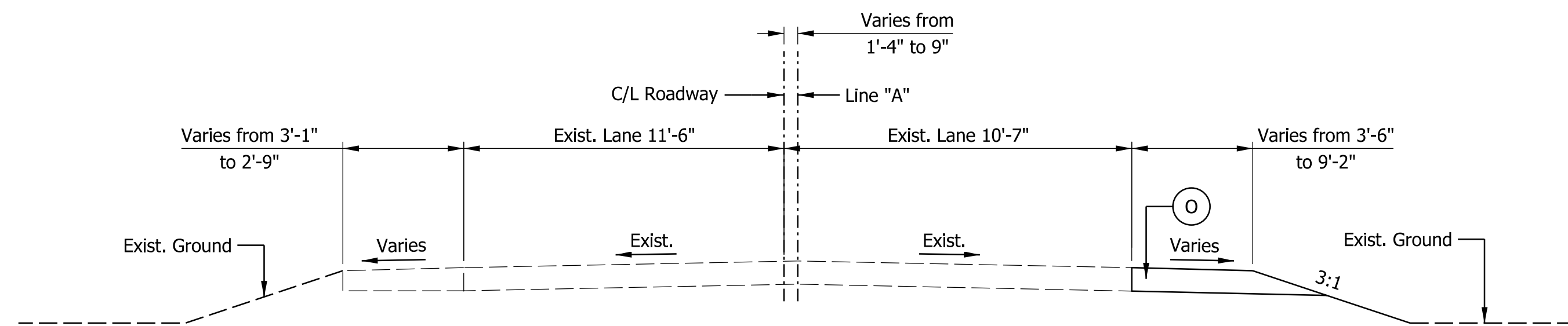
Model: Title Sheet 12/9/2023 6:21:23 PM User: Personal



NOTE:
All R/W Described From Line "A" Unless Otherwise Noted.

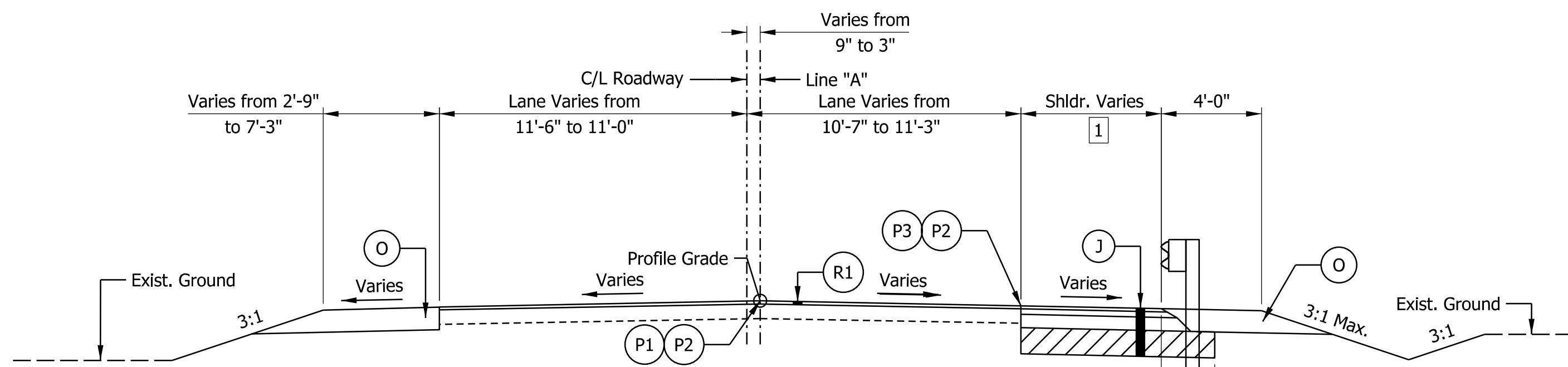
Plot: 12/16/2023 6:21:37 PM

STAGE 2 SUBMITTAL	RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 30'	BRIDGE FILE N/A
	DESIGNED: _____ PFC _____	DRAWN: _____ PFC _____	PLAT NO. 1		VERTICAL SCALE 1" = 30'	DESIGNATION 2100803 & 2100804	
	CHECKED: _____ MDP _____	CHECKED: _____ MDP _____			SURVEY BOOK	SHEETS	
					ELECTRONIC	3 of 21	CONTRACT
				R-43683			2100803 & 2100804



TYPICAL INCIDENTAL SECTION WITH AGGREGATE

Scale: 1/4" = 1'-0"
Sta. 97+35.00 "A" to Sta. 98+07.00 "A"



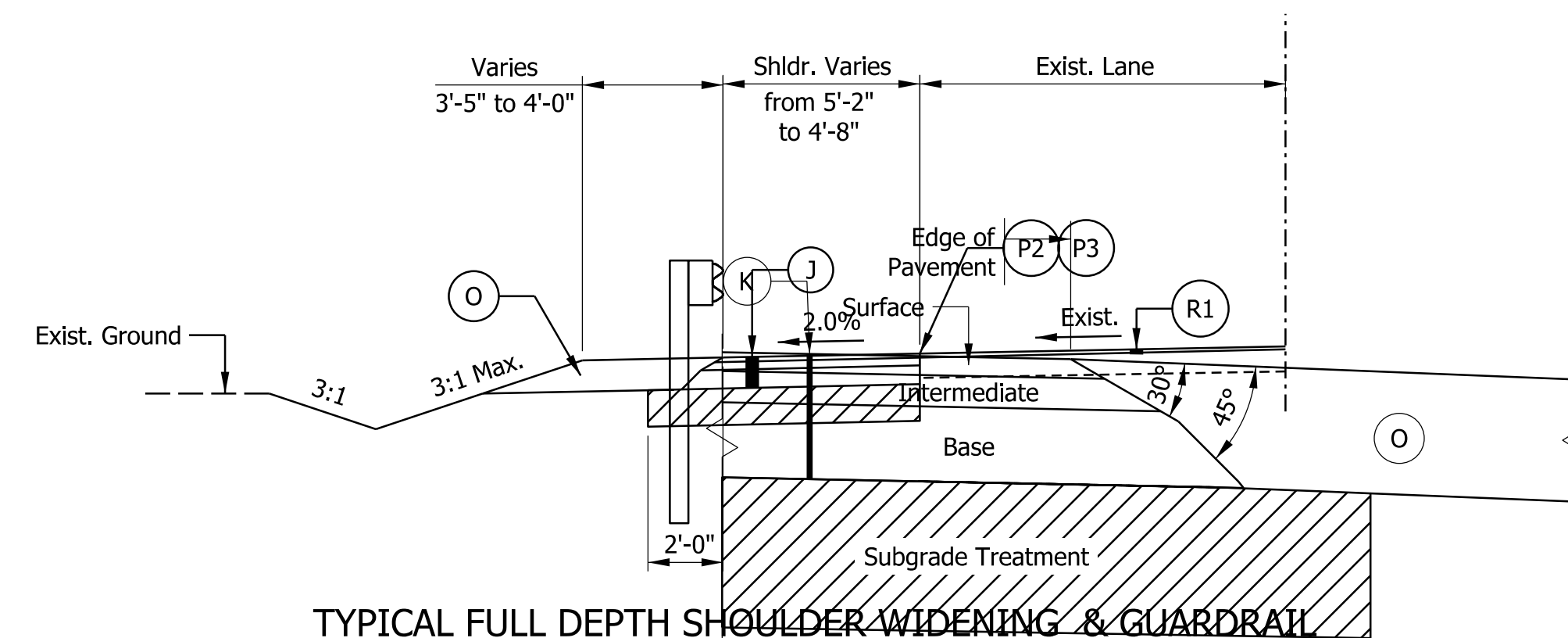
INCIDENTAL CONSTRUCTION, TYPICAL OVERLAY AND WIDENING

Scale: 1/4" = 1'-0"
Sta. 98+07.00 "A" to Sta. 99+00.00 "A"

LEFT SIDE

Aggregate Shoulder from Sta. 98+07.00 "A" to Sta. 98+57.00 "A"
Full Depth Shoulder Widening & Guardrail from Sta. 98+57.00 "A" to Sta. 99+00.00 "A"

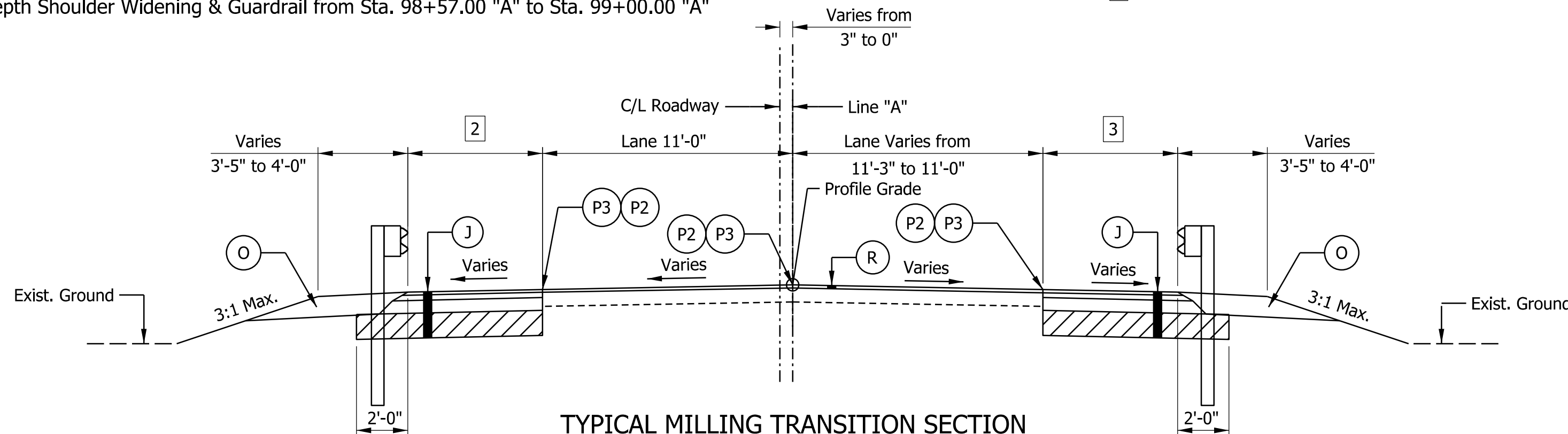
1 Full Depth HMA Shoulder Varies from 5'-2" to 4'-1"



TYPICAL FULL DEPTH SHOULDER WIDENING & GUARDRAIL

Scale: 1/4" = 1'-0"
Sta. 98+57.00 "A" to Sta. 99+00.00 "A"

SAFETY EDGE DETAIL
Not to Scale

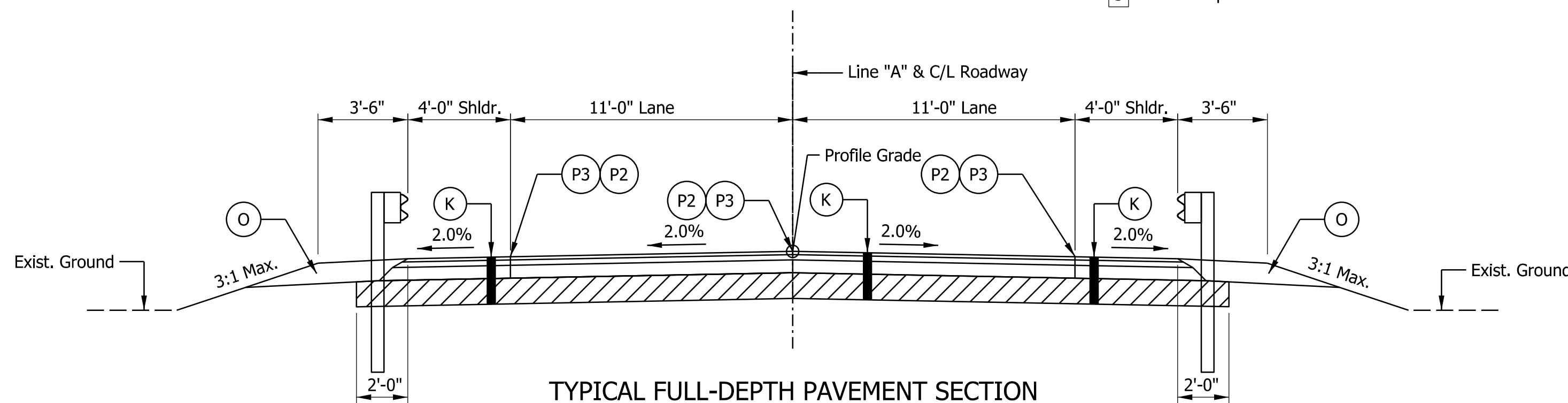


TYPICAL MILLING TRANSITION SECTION

Scale: 1/4" = 1'-0"
Sta. 99+00.00 "A" to Sta. 99+45.00 "A"

2 Full Depth HMA Shoulder Varies from 3'-9" to 4'-0"

3 Full Depth HMA Shoulder Varies from 4'-1" to 4'-0"



TYPICAL FULL-DEPTH PAVEMENT SECTION

Scale: 1/4" = 1'-0"
Sta. 99+45.00 "A" to Sta. 100+05.00 "A"

NOTES

1. All slope 3:1 or steeper shall utilize Erosion Control Blanket.

LEGEND

- K** Full-depth HMA Pavement consisting of:
165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm on
Subgrade Treatment, Type IC on Geotextile for Pavement Type 2B
- J** Widening with HMA, Type B, consisting of:
165 lbs/syd HMA Surface, Type B on
275 lbs/syd HMA Intermediate, Type B on
660 lbs/syd HMA Base, Type B on
Subgrade Treatment, Type IC
- R** HMA Milling Transition consisting of:
QC/QA-HMA, 3, 64, Surface, 9.5mm on
Milling, Transition
- R1** HMA Milling consisting of:
1 1/2" QC/QA-HMA, 3, 64, Surface, 9.5mm on
Milling, Asphalt, 1 1/2"
- O** Variable depth Compacted Aggregate, No. 53 (10" max.)
- P1** Joint Adhesive required for Surface layer at longitudinal joints
- P2** Liquid Asphalt Sealant required on Surface Layer over longitudinal joint, 24" width
- P3** Joint Adhesive required for Surface and Intermediate layers at longitudinal joints
- Subgrade Treatment, Type IC

Plot: 12/16/2023 6:21:38 PM

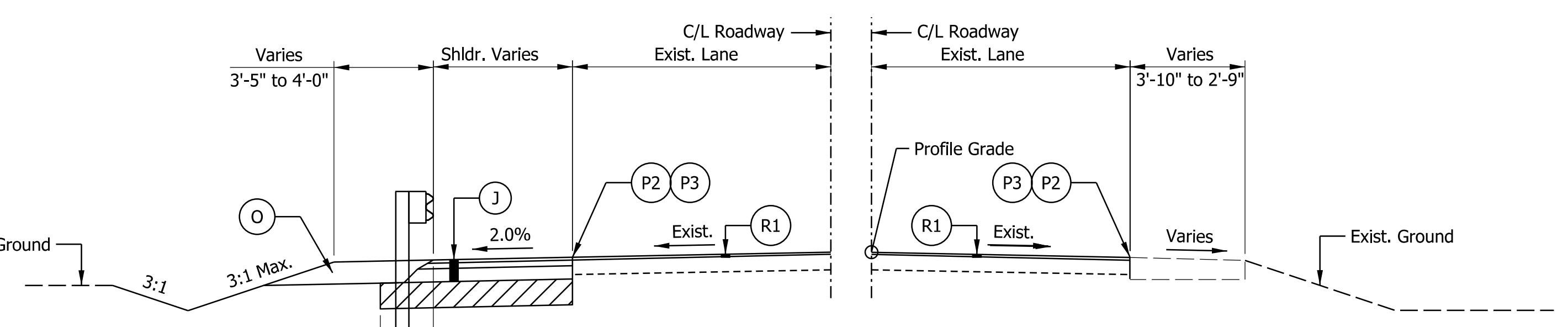
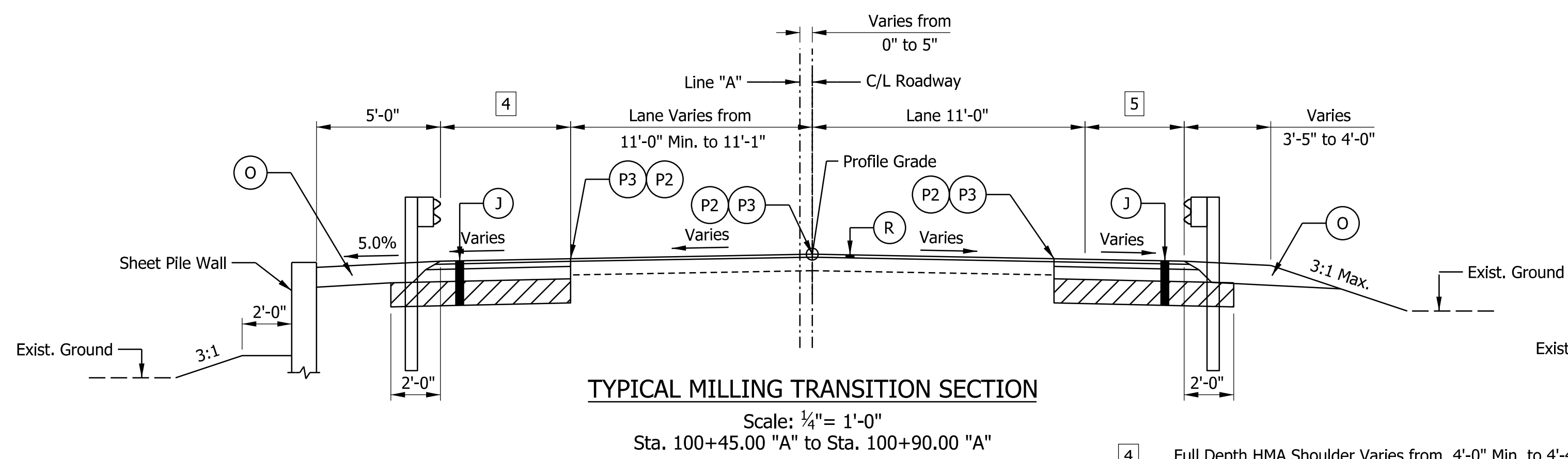
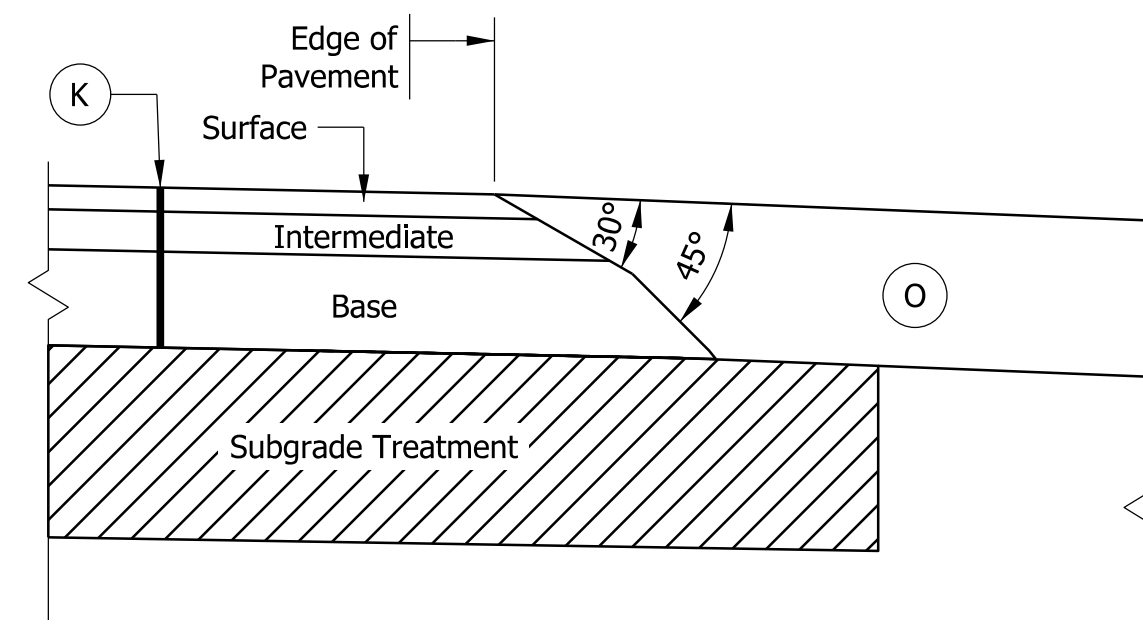
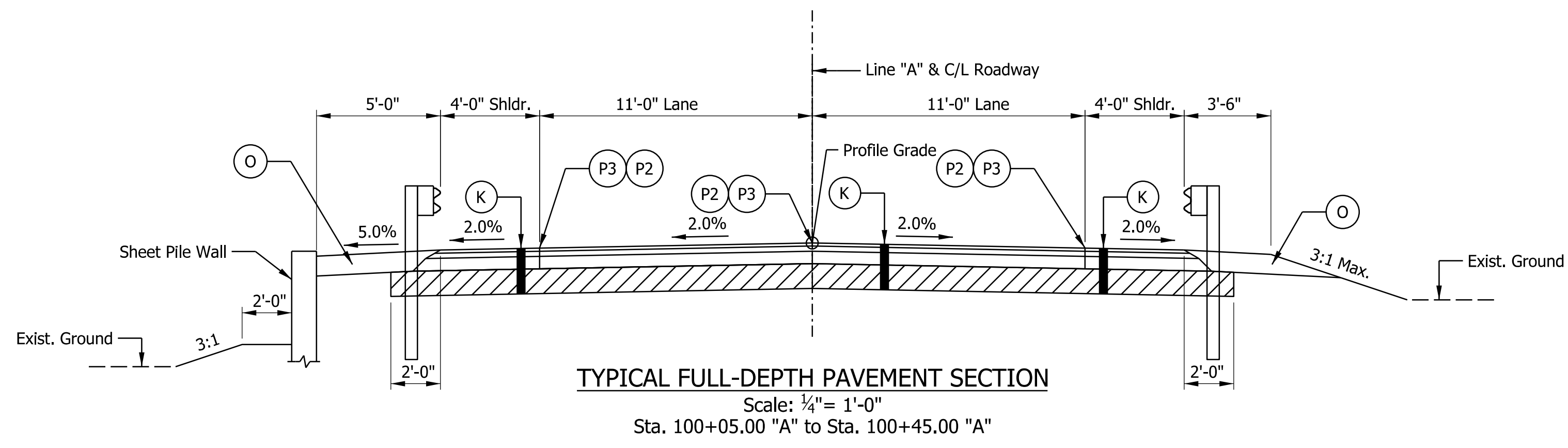
**STAGE 2
SUBMITTAL**

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ ASI _____	DRAWN: _____ ASI _____	
CHECKED: _____ MDP _____	CHECKED: _____ MDP _____	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

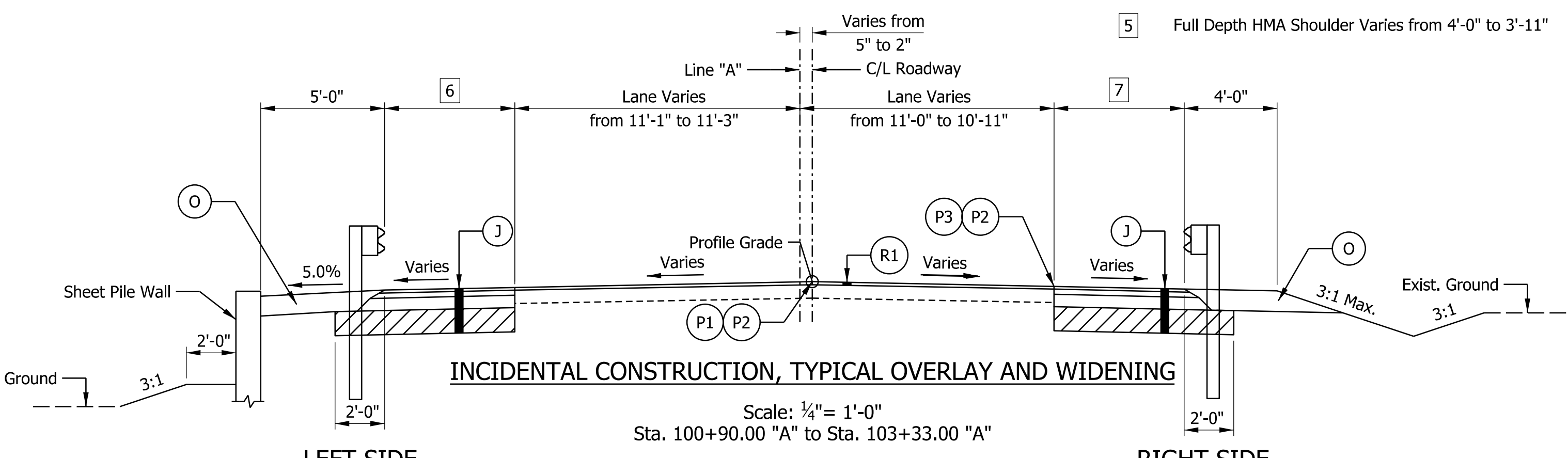
TYPICAL SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
AS NOTED	2100803 & 2100804
SURVEY BOOK	SHEETS
ELECTRONIC	4 of 21
CONTRACT	PROJECT
R-43683	2100803 & 2100804



NO WORK REQUIRED, RIGHT SIDE

Scale: 1/4" = 1'-0"
Sta. 101+33.00 "A" to Sta. 103+33.00 "A"



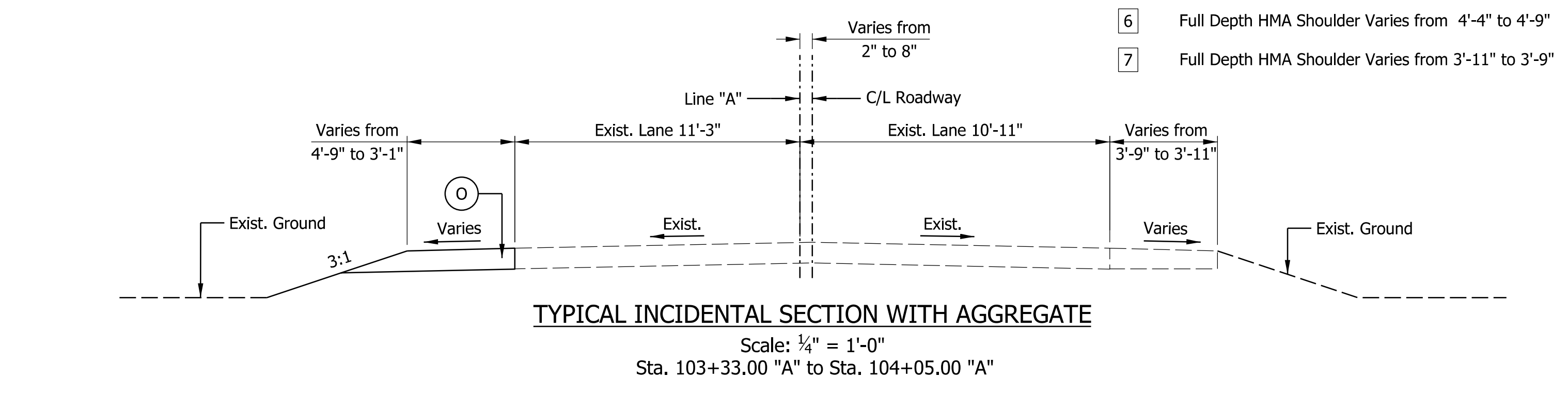
LEFT SIDE

RIGHT SIDE

Sheet Pile Wall from Sta. 100+90.00 "A" to Sta. 101+63.00 "A"
Full Depth Shoulder Widening & Guardrail from Sta. 101+63.00 "A" to Sta. 103+33.00 "A"

Full Depth Shoulder Widening & Guardrail from Sta. 100+90.00 "A" to Sta. 101+33.00 "A"
No Work Req'd. from Sta. 101+33.00 "A" to Sta. 103+33.00 "A"

- 4 Full Depth HMA Shoulder Varies from 4'-0" Min. to 4'-4"
- 5 Full Depth HMA Shoulder Varies from 4'-0" to 3'-11"
- 6 Full Depth HMA Shoulder Varies from 4'-4" to 4'-9"
- 7 Full Depth HMA Shoulder Varies from 3'-11" to 3'-9"



NOTES

- 1. All slope 3:1 or steeper shall utilize Erosion Control Blanket.

LEGEND

- K Full-depth HMA Pavement consisting of:
165 lbs/syd QC/QA-HMA, 3, 64, Surface, 9.5 mm on
275 lbs/syd QC/QA-HMA, 3, 64, Intermediate, 19.0 mm on
660 lbs/syd QC/QA-HMA, 3, 64, Base, 25.0 mm on
Subgrade Treatment, Type IC on Geotextile for Pavement Type 2B
- J Widening with HMA, Type B, consisting of:
165 lbs/syd HMA Surface, Type B on
275 lbs/syd HMA Intermediate, Type B on
660 lbs/syd HMA Base, Type B on
Subgrade Treatment, Type IC
- R HMA Milling Transition consisting of:
QC/QA-HMA, 3, 64, Surface, 9.5mm on
Milling, Transition
- R1 HMA Milling consisting of:
1 1/2" QC/QA-HMA, 3, 64, Surface, 9.5mm on
Milling, Asphalt, 1 1/2"
- O Variable depth Compacted Aggregate, No. 53 (10" max.)
- P1 Joint Adhesive required for Surface layer at longitudinal joints
- P2 Liquid Asphalt Sealant required on Surface Layer over longitudinal joint, 24" width
- P3 Joint Adhesive required for Surface and Intermediate layers at longitudinal joints
- Subgrade Treatment, Type IC

Plot: 12/16/2023 6:21:39 PM

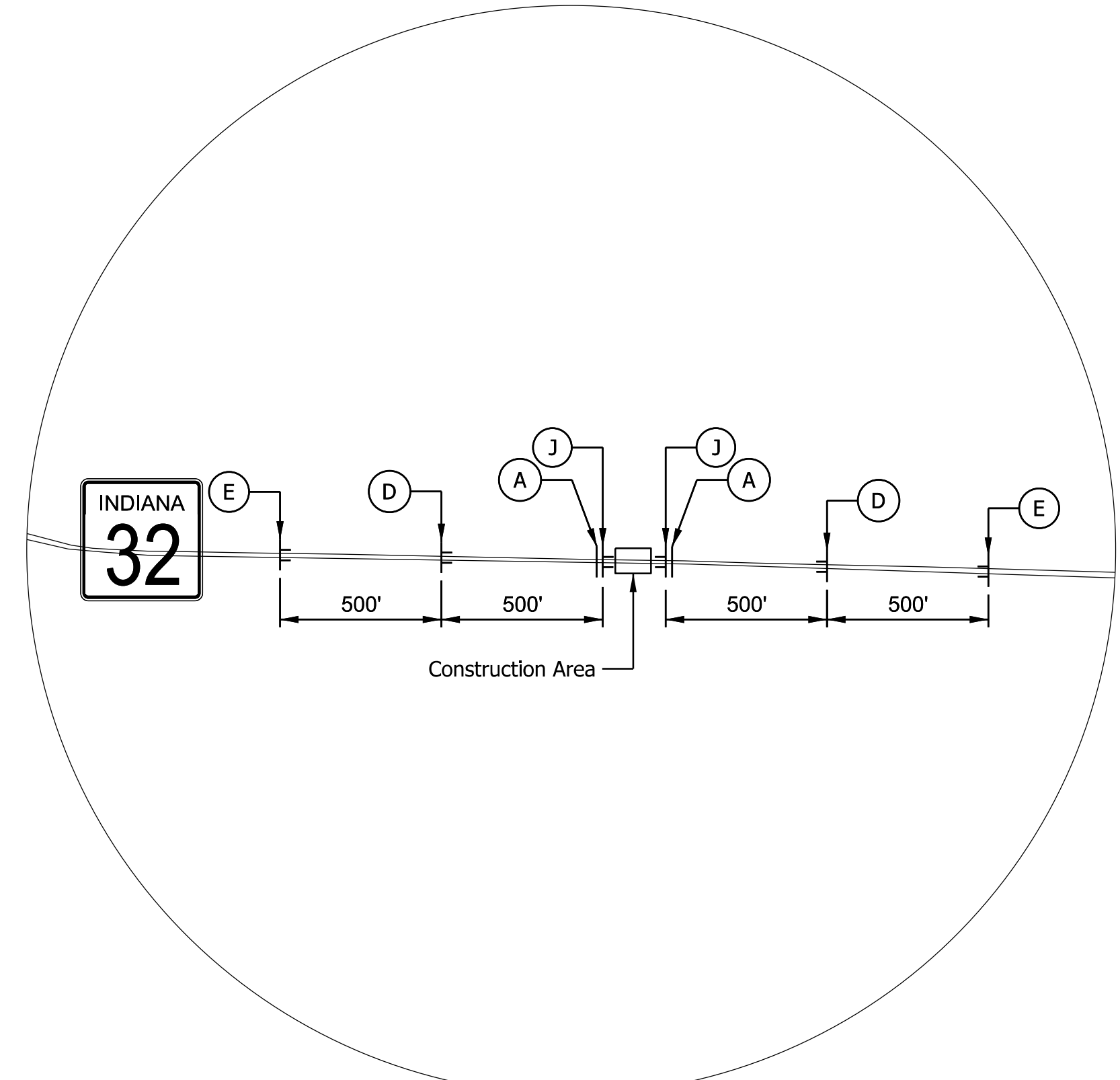
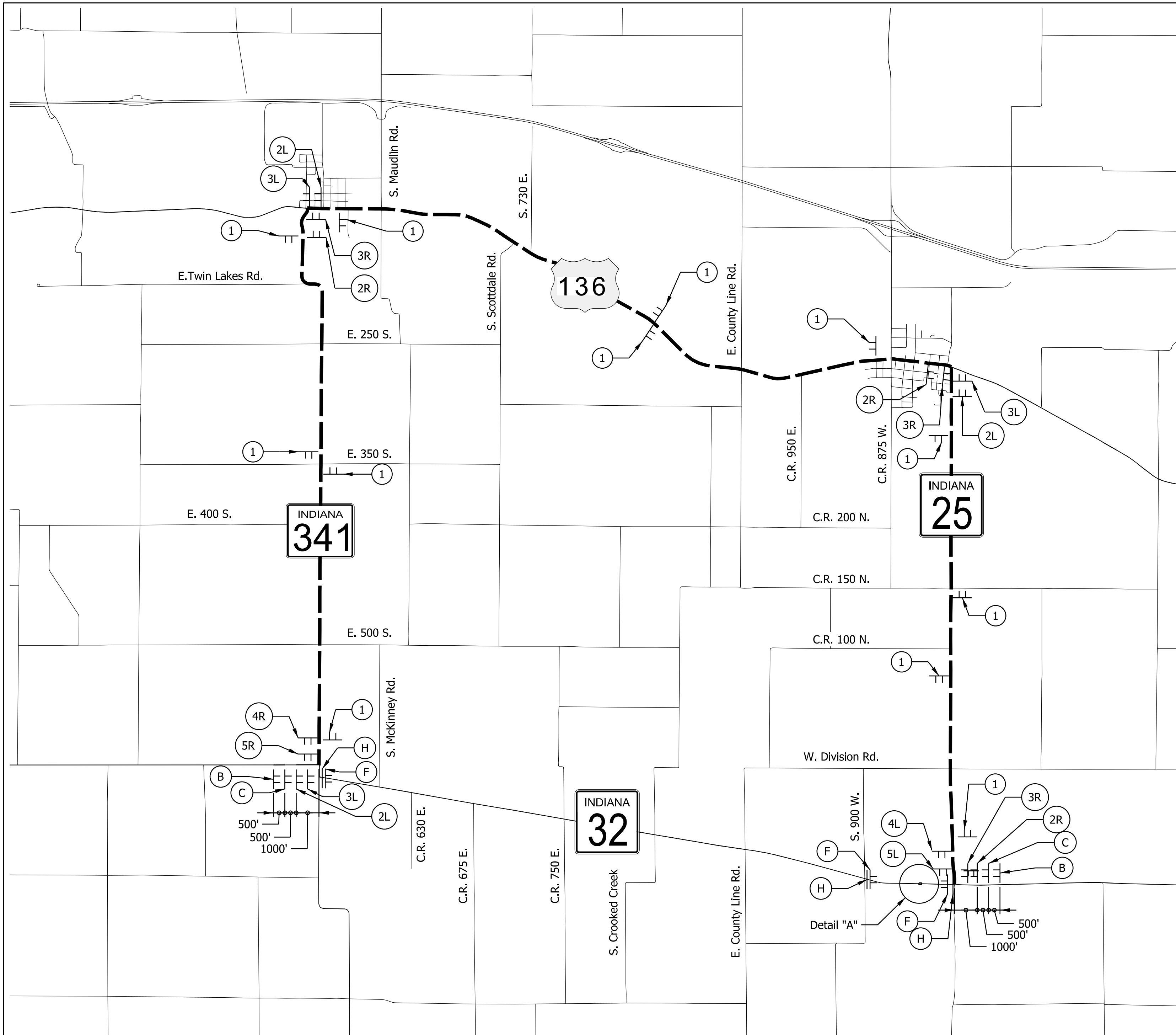
STAGE 2 SUBMITTAL

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ASI	DRAWN: ASI	
CHECKED: MDP	CHECKED: MDP	

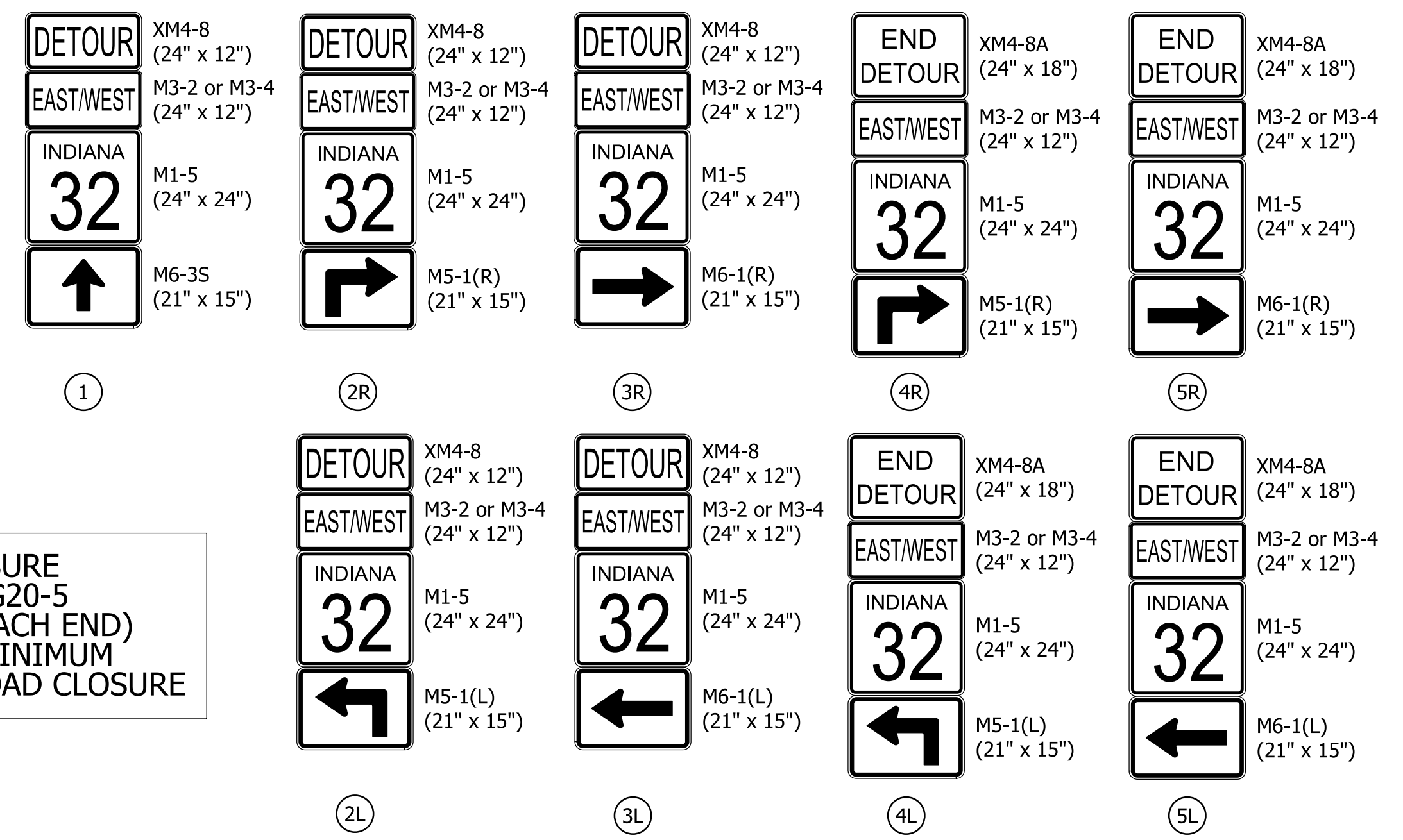
INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
AS NOTED	2100803 & 2100804
SURVEY BOOK	SHEETS
ELECTRONIC	5 of 21
CONTRACT	PROJECT
R-43683	2100803 & 2100804



DETAIL "A"
Scale: 1" = 400'



TWO ROAD CLOSURE NOTICE SIGNS XG20-5 REQUIRED (ONE AT EACH END) PLACED AT SITE A MINIMUM OF 14 DAYS PRIOR TO ROAD CLOSURE

MAINTENANCE OF TRAFFIC QUANTITIES				
ITEM	DESCRIPTION	SIZE	QTY	UNIT
Construction Sign, A			10	EACH
XG20-5	Road Closure Notice Sign	60" X 36"	2	
XW20-3	Road Closed Ahead	48" X 48"	2	
XW20-3	Road Closed 500 Ft.	48" X 48"	2	
XW20-3	Road Closed 1,000 Ft.	48" X 48"	2	
XW20-2	Detour Ahead	48" X 48"	2	
Road Closure Sign Assembly			5	EACH
R11-2	Road Closed	48" X 30"	2	
R11-3	Road Closed X Miles Ahead Local Traffic Only	60" X 30"	3	
Barricades, III-A	24 Lft. per Location		48	LFT
Barricades, III-B	24 Lft. per Location		72	LFT
Detour Route Marker Assembly			28	EACH

- LEGEND**
- (A) Type III-A Barricades - 24 Lft Required
 - (B) "ROAD CLOSED AHEAD" - XW20-3
 - (C) "DETOUR AHEAD" - XW20-2
 - (D) "ROAD CLOSED 500 FT." - XW20-3
 - (E) "ROAD CLOSED 1000 FT." - XW20-3
 - (F) Road Closed Sign Assembly with "ROAD CLOSED X MILES AHEAD LOCAL TRAFFIC ONLY" - R11-3
 - (H) Type III-B Barricades Staggered - 24 Lft Required
 - (J) Road Closure Sign Assembly with "ROAD CLOSED" - R11-2
 - TT Construction Sign
 - Detour Route

DETOUR ROUTE MARKER ASSEMBLY LEGEND

NOTES

1. Detour Route Marker Assemblies shall be in accordance with Standard Drawing 801-TCDD-04.
2. Type B Construction Warning Lights shall be used with all signs located on barricades.
3. Type A Construction Warning Lights shall be used on all other construction signs.
4. Access to property owners shall be provided during construction.

Plot: 12/16/2023 6:21:40 PM

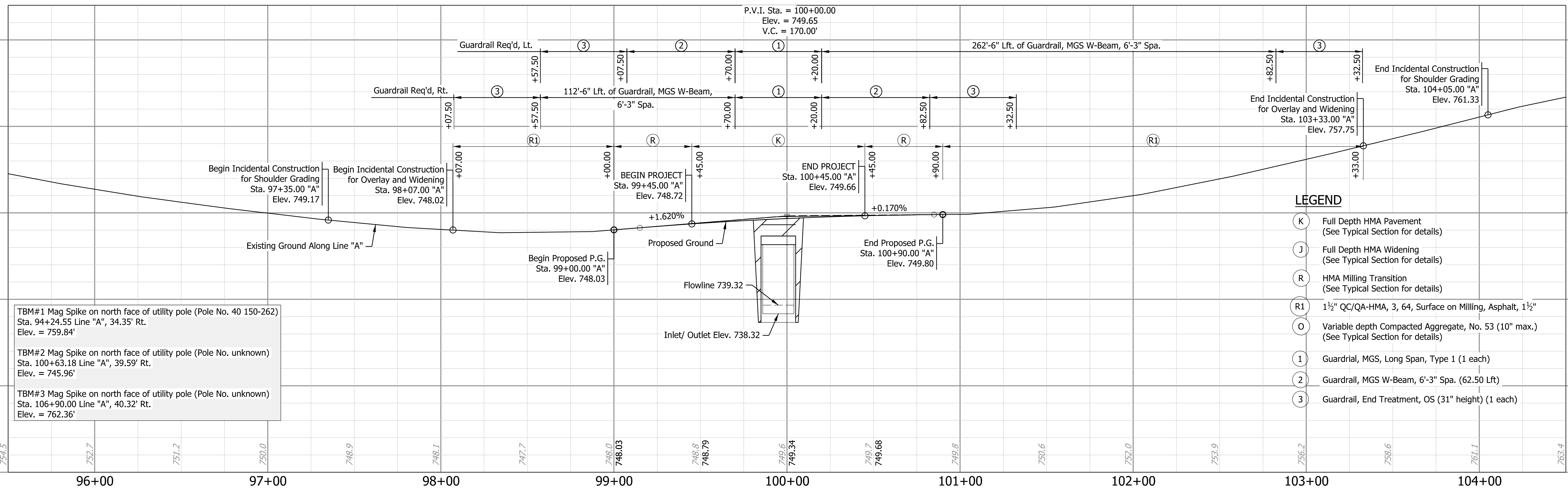
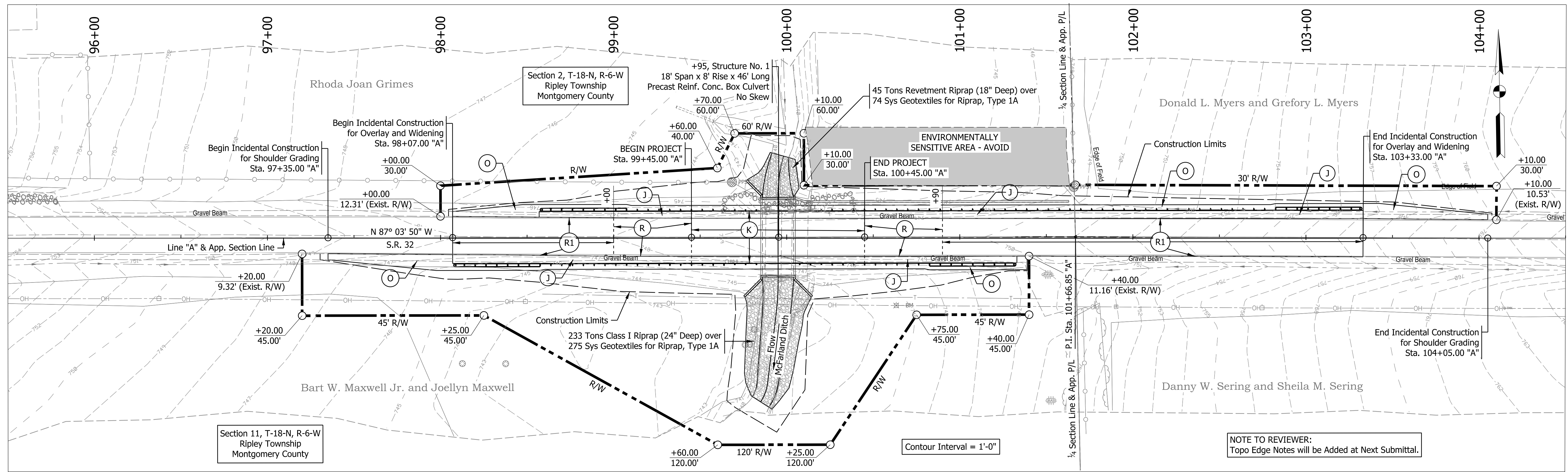
STAGE 2 SUBMITTAL

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ GSH	DRAWN: _____ GSH	
CHECKED: _____ MDP	CHECKED: _____ MDP	

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETOUR ROUTE

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
N/A	2100803 & 2100804
SURVEY BOOK	SHEETS
ELECTRONIC	6 of 21
CONTRACT	PROJECT
R-43683	2100803 & 2100804



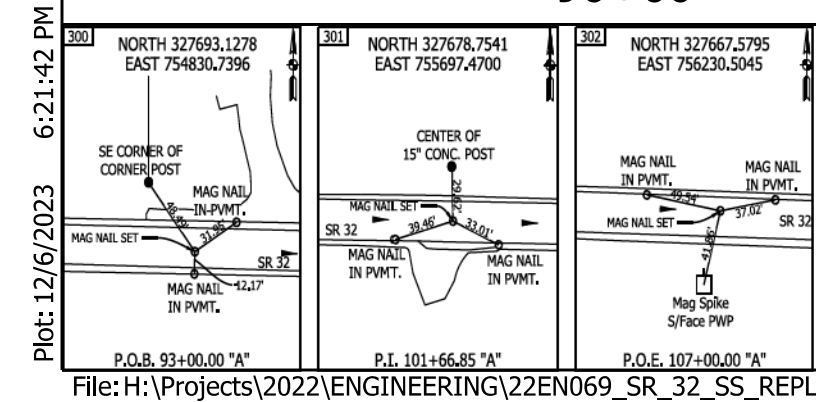
TBM#1 Mag Spike on north face of utility pole (Pole No. 40 150-262)
Sta. 94+24.55 Line "A", 34.35' Rt.
Elev. = 759.84'

TBM#2 Mag Spike on north face of utility pole (Pole No. unknown)
Sta. 100+63.18 Line "A", 39.59' Rt.
Elev. = 745.96'

TBM#3 Mag Spike on north face of utility pole (Pole No. unknown)
Sta. 106+90.00 Line "A", 40.32' Rt.
Elev. = 762.36'

LEGEND

- (K) Full Depth HMA Pavement (See Typical Section for details)
- (J) Full Depth HMA Widening (See Typical Section for details)
- (R) HMA Milling Transition (See Typical Section for details)
- (R1) 1 1/2" QC/QA-HMA, 3, 64, Surface on Milling, Asphalt, 1 1/2"
- (O) Variable depth Compacted Aggregate, No. 53 (10" max.) (See Typical Section for details)
- (1) Guardrail, MGS, Long Span, Type 1 (1 each)
- (2) Guardrail, MGS W-Beam, 6'-3" Spa. (62.50 Lft)
- (3) Guardrail, End Treatment, OS (31" height) (1 each)



STAGE 2 SUBMITTAL

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____

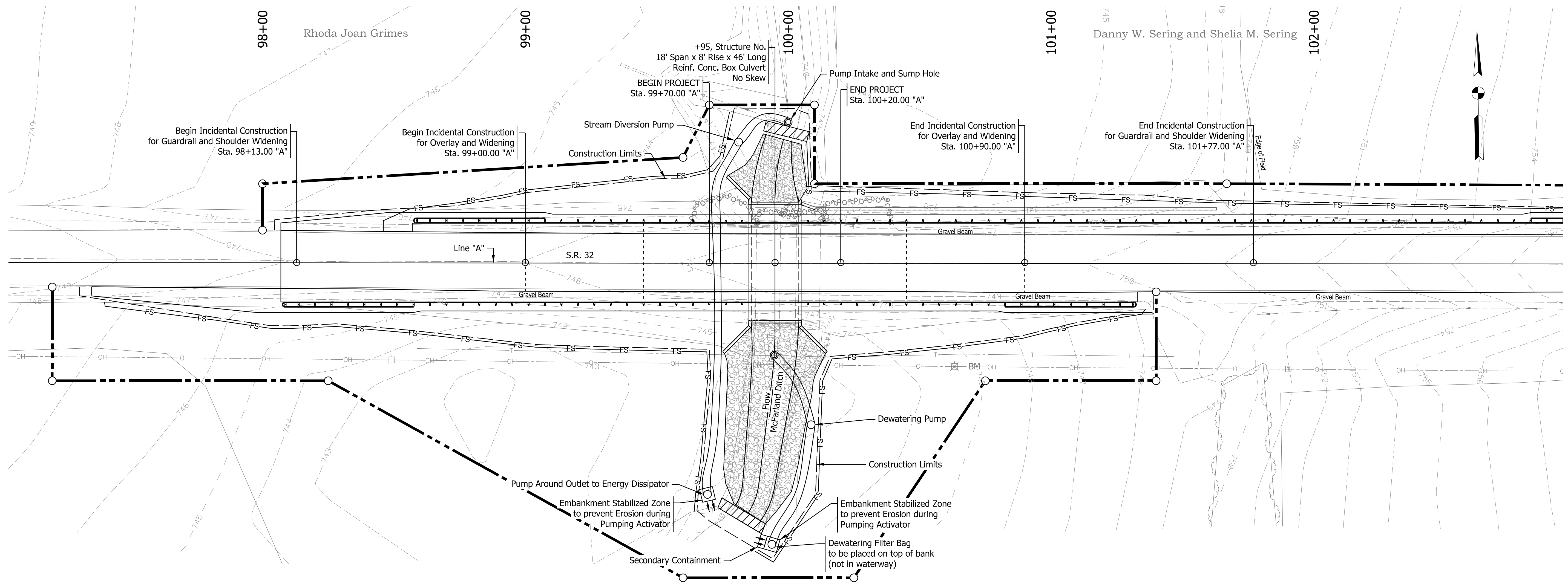
DESIGNED: GSH DRAWN: GSH

CHECKED: MDP CHECKED: MDP

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

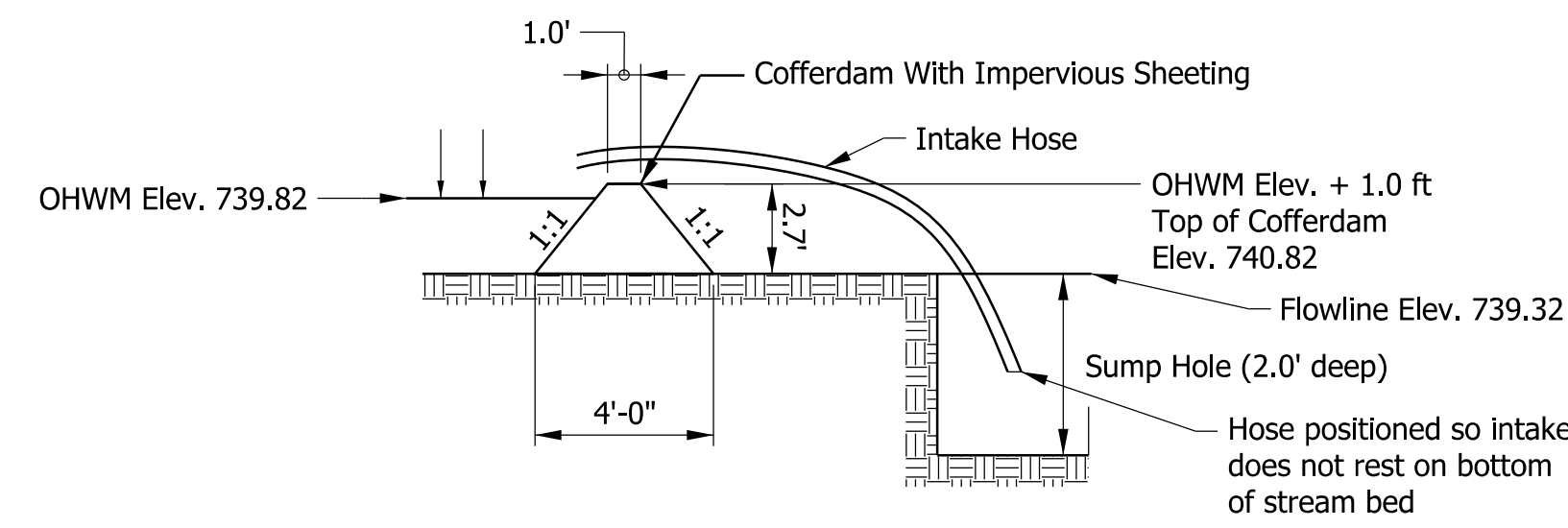
HORIZONTAL SCALE 1" = 30'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 2100803 & 2100804
SURVEY BOOK ELECTRONIC	SHEETS 7 of 21
CONTRACT R-43683	PROJECT 2100803 & 2100804



Bart W. Maxwell Jr. and Joellyn Maxwell

Danny W. Sering and Shelia M. Sering

TEMPORARY EROSION CONTROL TABLE												
STATION	LOCATION		TEMPORARY FILTER SOCK	SEDIMENT REMOVE	SEDIMENT BASIN	SLOPE DRAIN	RIPRAP SPLASHPAD	TEMPORARY CHECK DAM, TRAVERSABLE	MOB/DEMOB STABILIZATION	NO. 2 STONE	FISH POOL	REMARKS
	LEFT	RIGHT										
	LFT	CYS	LFT	CYS	EACH	LFT	CYS	LFT	EACH	TON	EACH	
LINE "A"												
97+40 - 99+64		X	292	14.6								
98+46 - 99+78	X		154	7.7								
99+77 - 101+36		X	213	10.7								
100+07 - 104+06	X		421	21.1								
Undistributed									1	100		
			1080	54.0					1.0	100.0		



COFFERDAM/SUMP HOLE WORK AREA
Not to Scale

NOTES:

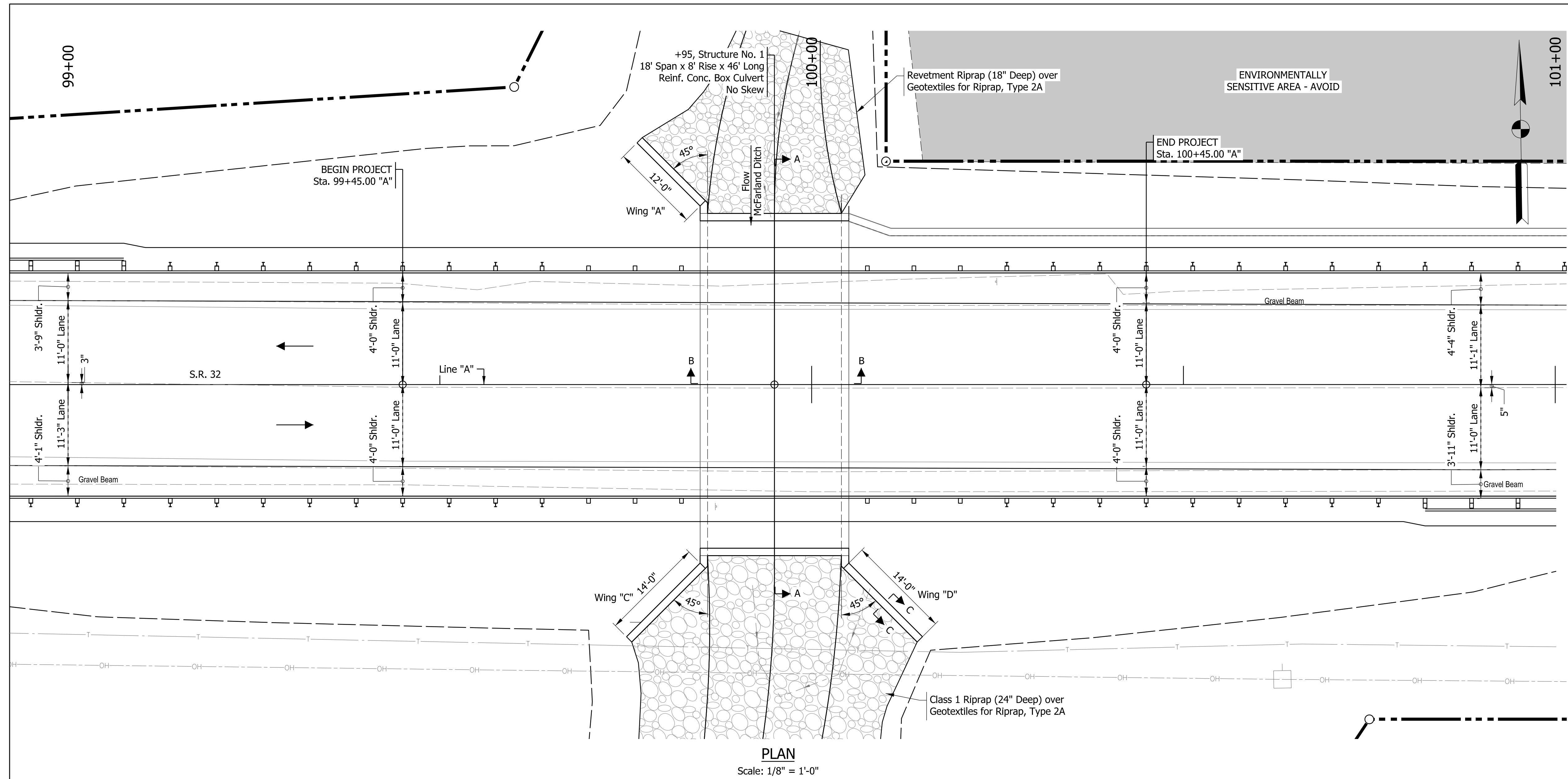
- Any areas in addition to those called out, left undisturbed for a period exceeding 7 days shall be required to have temporary seeding.
- All disturbed areas shall be permanently seeded in accordance with indot standard specifications as soon as possible upon completion of work in that area.
- Upon completion of ditch grading, permanent erosion control measures specified on road plans shall be implemented.
- Erosion control blankets will be used on all slopes steeper than 3:1.
- Pump around operation shall remain in place until all work in the channel is complete including channel stabilization and wingwall installation.
- Refer to INDOT Standard Drawings 205-TECD, 205-TECI, 205-TECP for Erosion Control Measures.

LEGEND

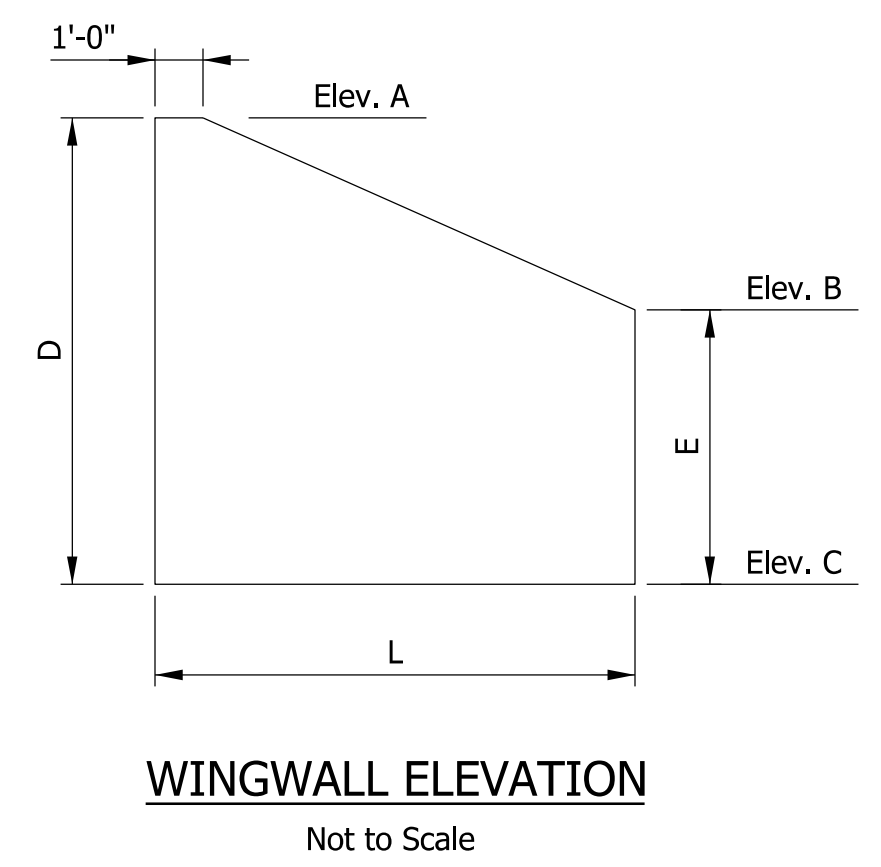
- FS Filter Sock
- Temporary Cofferdam

Plot: 12/16/2023 6:21:44 PM

STAGE 2 SUBMITTAL	RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE AS NOTED	BRIDGE FILE N/A
	DESIGNED: _____ GSH	DRAWN: _____ GSH	EROSION CONTROL		VERTICAL SCALE N/A	DESIGNATION 2100803 & 2100804
	CHECKED: _____ MDP	CHECKED: _____ MDP			SURVEY BOOK ELECTRONIC	SHEETS 8 of 21
					CONTRACT R-43683	PROJECT 2100803 & 2100804

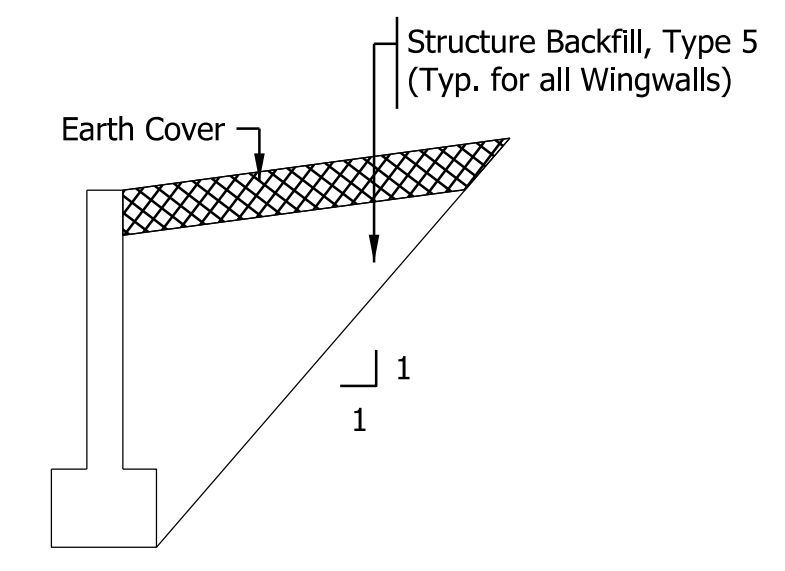


PLAN
Scale: 1/8" = 1'-0"



	WINGWALL				TOTAL
	A	B	C	D	
Elev. A	0.00	0.00	0.00	0.00	0.00
Elev. B	0.00	0.00	0.00	0.00	0.00
Elev. C	0.00	0.00	0.00	0.00	0.00
D	0.00	0.00	0.00	0.00	0.00
E	0.00	0.00	0.00	0.00	0.00
L	0.00	0.00	0.00	0.00	0.00
Area (Sft.)	0	0	0	0	0

NOTE: Wingwall table to be completed at next submittal.



EXISTING STRUCTURE
Twin 10' Span x 7' Rise, Corrugated Metal Pipe Arches to be replaced

DESIGN DATA
LIVE LOAD:
Designed for HL-93 Loading With Impact and Distribution in Accordance With the 2020 AASHTO LRFD Specifications, 9th Edition and Subsequent Interims.

Actual Weight Plus 35 Psf (Composite) for Future Wearing Surface.

SUMMARY OF QUANTITIES
Structure Backfill, Type 5 = 208 CY5

GENERAL NOTES
All dimensions are in feet (ft.) except as noted
Contractor shall verify the existing flowline elevation to set the appropriate sump depth.
Waterproof Membrane shall be applied to the sides and top of the Precast Box Units prior to backfilling

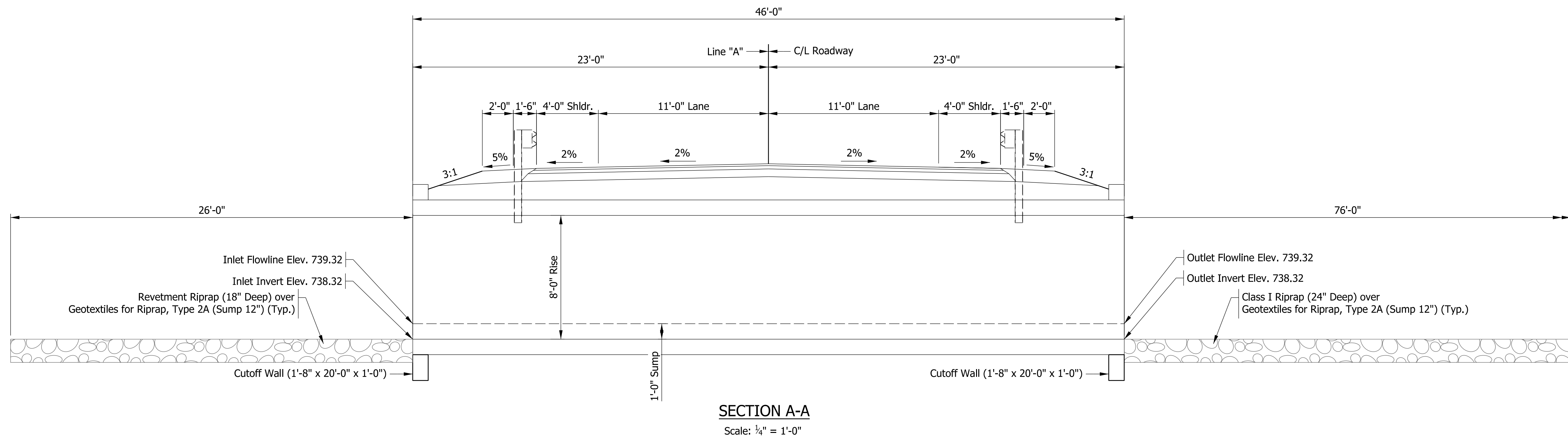
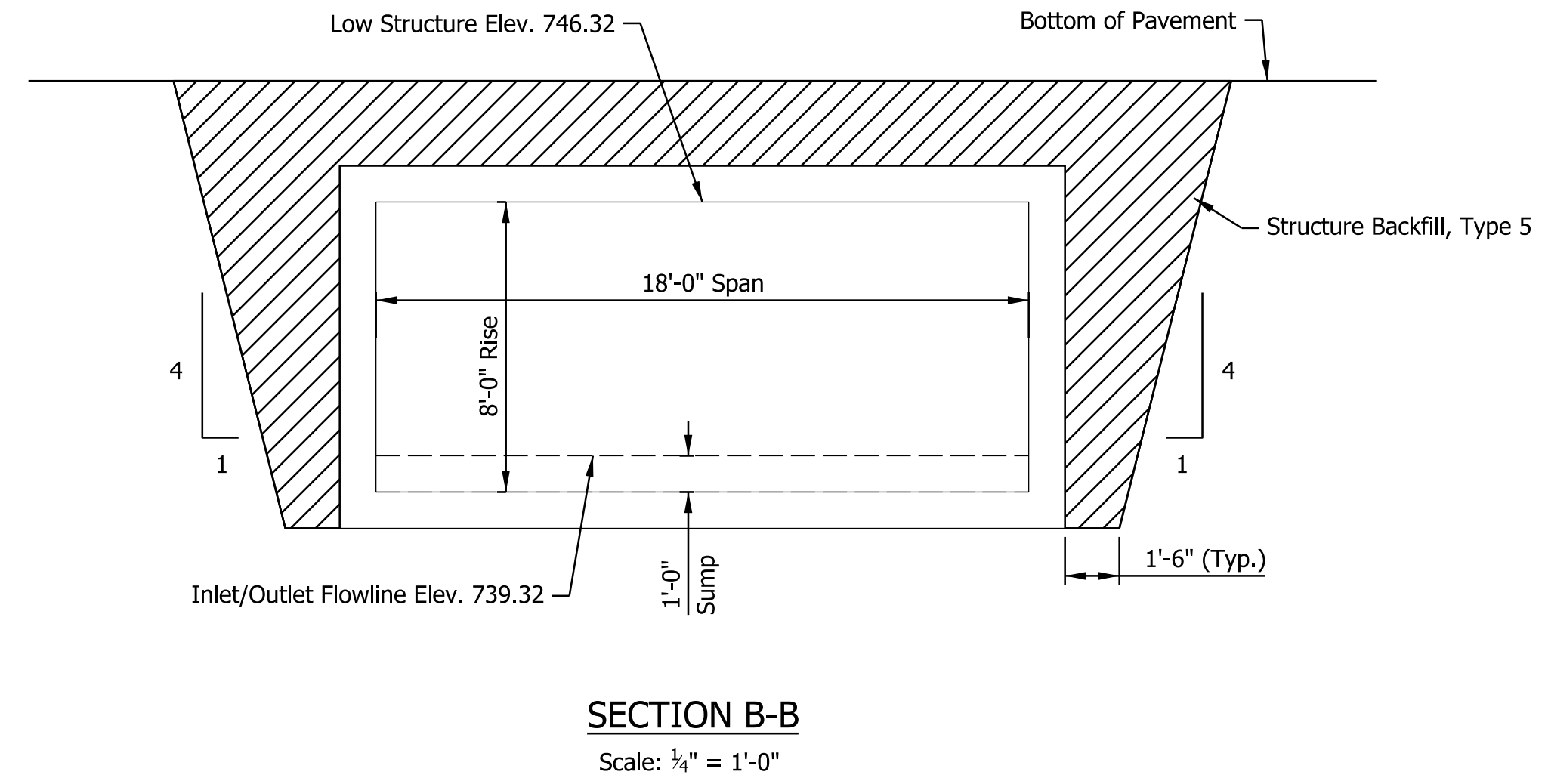
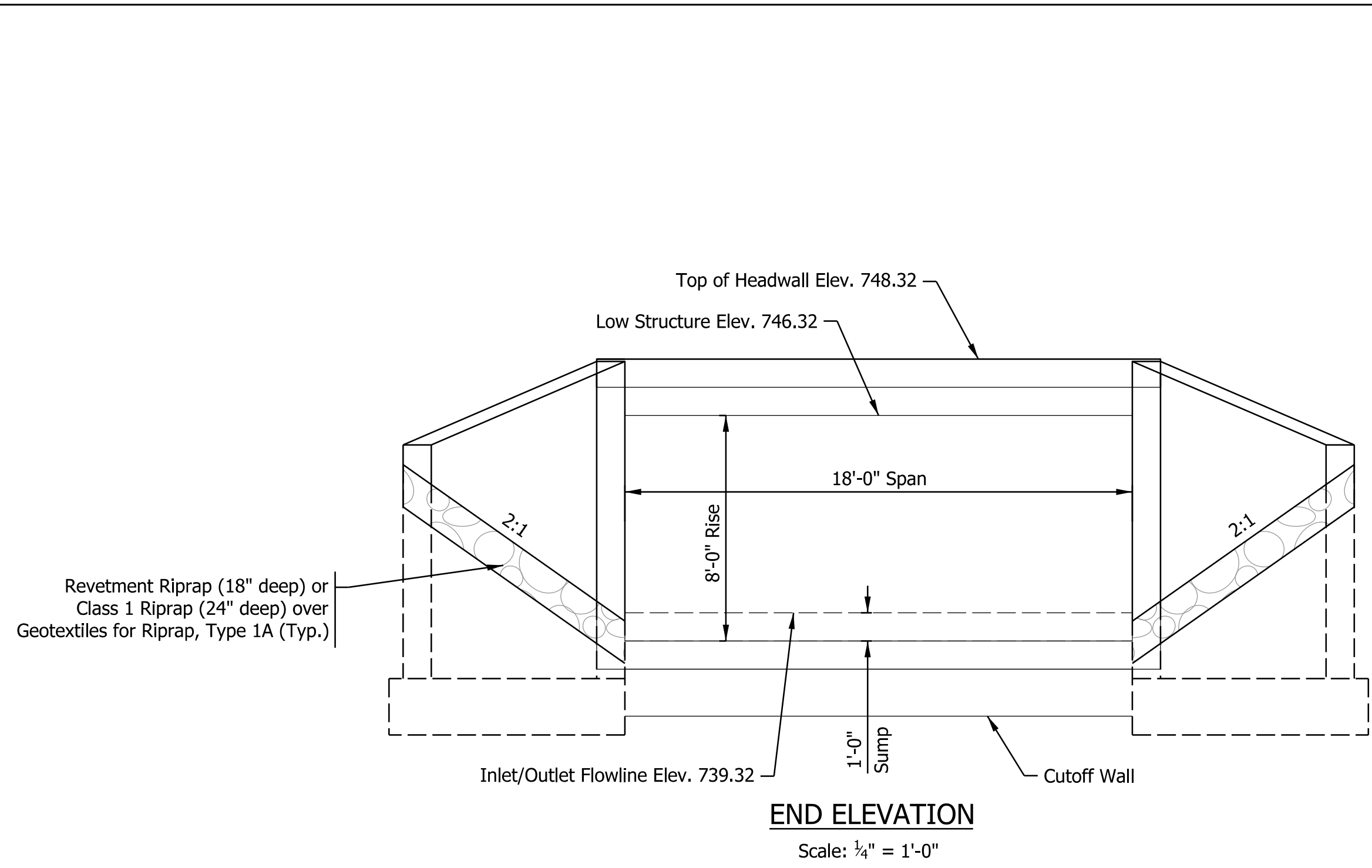
HYDRAULIC PARAMETERS				
PARAMETER	EXISTING		REPLACEMENT	
Structure	Twin 10' x 7' CMPA		18' x 8' Reinforced Concrete Box Sumped 12"	
Road Overflow Area Below Q100 Elevation	No		No	
Waterway Area Below Q100 Elevation	52	sq. ft.	95.22	sq. ft.
Q100 Headwater Elevation	747.44	ft.	747.14	ft.
Backwater	2.35	ft.	2.05	ft.
Outlet Velocity Q25	6.62	ft./s	6.51	ft./s
Scour Protection	N/A		Class 1 Riprap	

NOTES
See Next Sheet for End Elevation, Section A-A, and Section B-B

PRECAST REINFORCED CONCRETE BOX CULVERT
18' SPAN X 8' RISE X 46' LONG
0° SKEW
S.R. 32 OVER MCFARLAND DITCH
MONTGOMERY COUNTY

Plot: 12/16/2023 6:21:46 PM

STAGE 2 SUBMITTAL	RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: _____ GSH _____	DRAWN: _____ GSH _____		AS NOTED	N/A
	CHECKED: _____ MDP _____	CHECKED: _____ MDP _____	GENERAL PLAN	VERTICAL SCALE	DESIGNATION
				AS NOTED	2100803 & 2100804
				SURVEY BOOK	SHEETS
				ELECTRONIC	9 of 21
				CONTRACT	PROJECT
				R-43683	2100803 & 2100804



PRECAST REINFORCED CONCRETE BOX CULVERT
18' SPAN X 8' RISE X 46' LONG
0° SKEW
S.R. 32 OVER MCFARLAND DITCH
MONTGOMERY COUNTY

Plot: 12/16/2023 6:21:47 PM

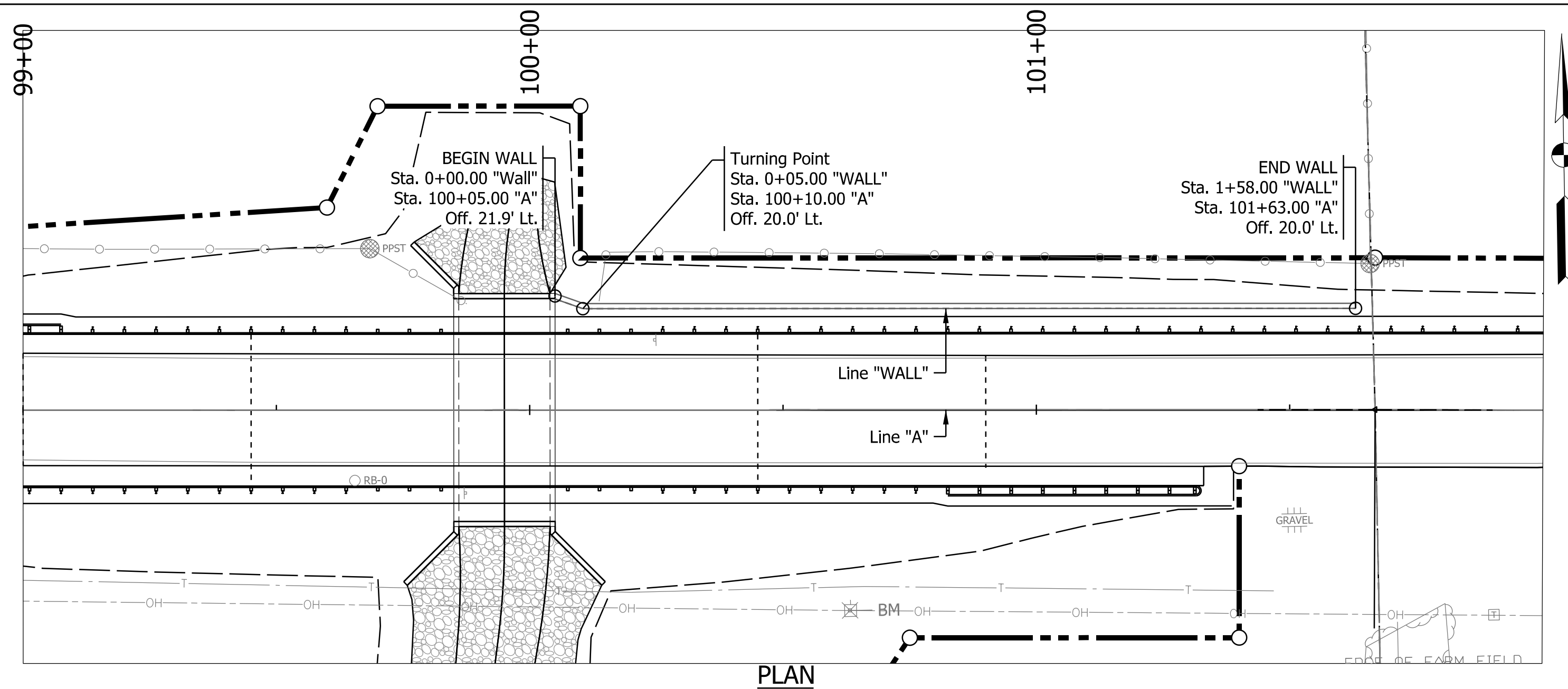
**STAGE 2
SUBMITTAL**

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ GSH	DRAWN: _____ GSH	
CHECKED: _____ MDP	CHECKED: _____ MDP	

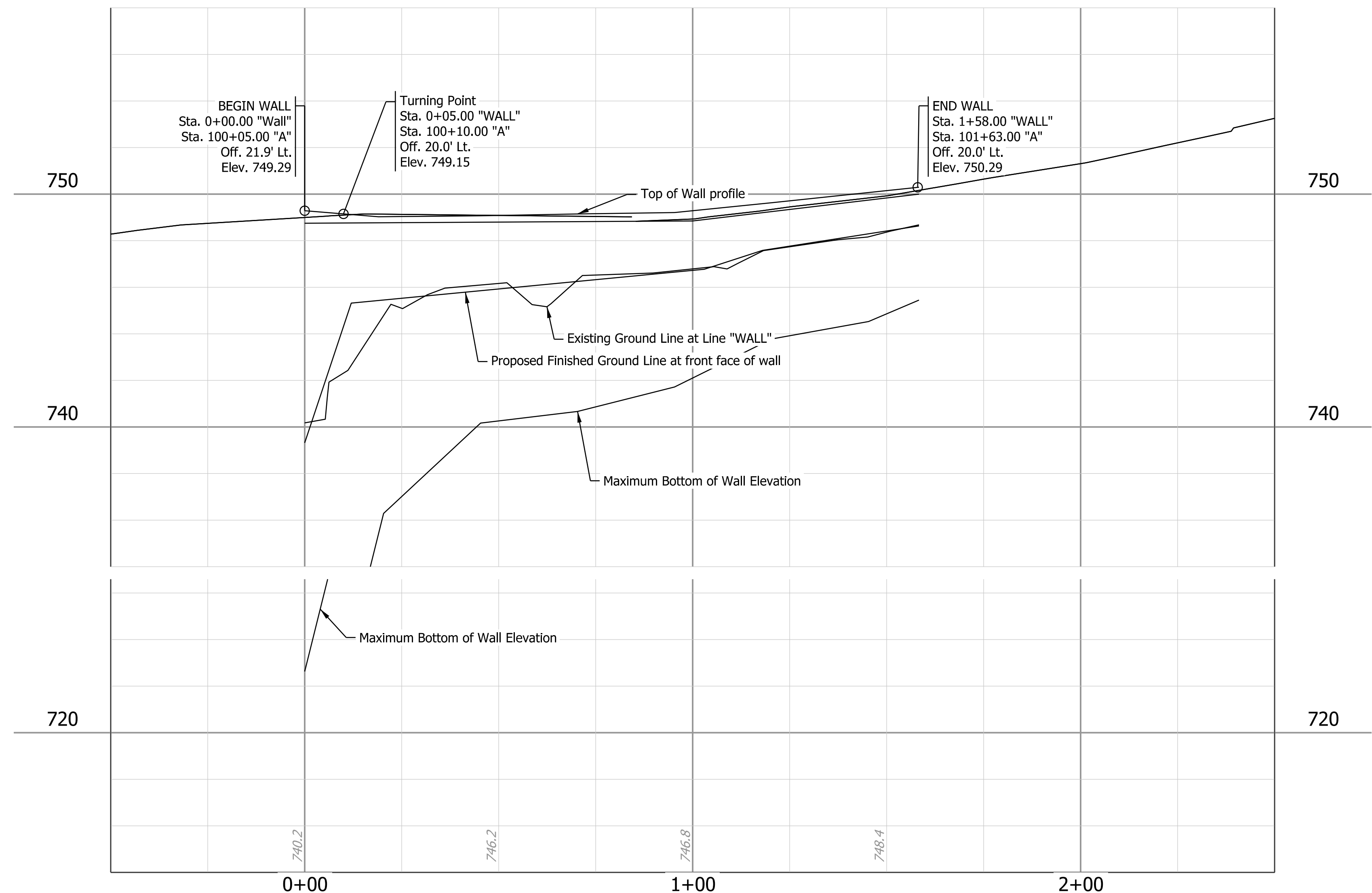
**INDIANA
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
AS NOTED	2100803 & 2100804
SURVEY BOOK	SHEETS
ELECTRONIC	10 of 21
CONTRACT	PROJECT
R-43683	2100803 & 2100804



PLAN



PROFILE

Plot: 12/16/2023 6:22:02 PM

STAGE 2 SUBMITTAL	RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
	DESIGNED: _____ MDP	DRAWN: _____ MDP	RETAINING WALL DETAILS		VERTICAL SCALE 1" = 5'	DESIGNATION 2100803 & 2100804
	CHECKED: _____ KCH	CHECKED: _____ KCH			SURVEY BOOK	SHEETS
					ELECTRONIC	11 of 21
					CONTRACT	PROJECT
					R-43683	2100803 & 2100804

PAVEMENT QUANTITIES AND APPROACH TABLE																													
LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADII	DISTANCE BEYOND R/W LINE	SURFACE BEYOND R/W LINE			GRADE	EXCAVATION	CLEAR ZONE AT DRIVE	MILLING, ASPHALT, 1 1/2 IN.	MILLING, TRANSMISSION	HMA MATERIALS			WIDENING WITH HMA, TYPE B	ASPHALT FOR TACK COAT	JOINT ADHESIVE, SURFACE	JOINT ADHESIVE, INTERMEDIATE	LIQUID ASPHALT SEALANT	SUBGRADE TREATMENT, TYPE IC	GEOTEXTILE FOR PAVEMENT TYPE 2B	COMPACTED AGGREGATE NO. 53		REMARKS			
						COMPACTED AGGREGATE BASE	HMA	CONCRETE						LBS. PER SYD.										DEPTH					
						1	2	3						4	CUT	FILL								165	275		660	TON	TON
						%	%	%						%	CYS	CYS								TON	TON		TON	TON	SYS
	Mainline		526.0							246	561		824	220	114		46		110	156	2276	1110	1504	1110	780	378		272	

STRUCTURE DATA																															
STRUCTURE NUMBER	LOCATION					SIZE	DESCRIPTION MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	VIDEO INSPECTION LENGTH	SKEW	FLOW LINE				SERVICE LIFE	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL, TYPE 5	TYPE	SCOUR PROTECTION			VIDEO INSPECTION	PIPE END SECTION	CULVERT ASSET ID	CONNECT TO STR.	REMARKS			
	STATION	LEFT	RIGHT	CROSS	OFFSET						PIPE TYPE	COVER	UP STREAM	DOWN STREAM							YRS	SUMP DEPTH	GEOTEXTILE						RIPRAP	VIDEO INSPECTION	PIPE END SECTION
	FT	IN.	LFT	LFT	LFT						ELEV.	ELEV.	ELEV.	YRS							IN.	SYS.	TYPE						TONS	LFT	EA.
1	99+95			X		216" x 96"	RC BOX CULVERT	46.0		0		739.32	739.32				208		350	233	45	12					CV 032-054-27.50 B				

GUARDRAIL TABLE										
LOCATION				W-BEAM GUARDRAIL				REMARKS		
FROM STATION	TO STATION	LEFT	MEDIAN LEFT	MEDIAN RIGHT	RIGHT	GUARDRAIL, MGS W-BEAM, 6 FT. 3 IN. SPACING	GUARDRAIL, W-BEAM, 3 FT. 1.5 IN. SPACING			
						LFT	LFT			
LINE "A"										
98+07.50	101+32.50				X	175		1	2	
98+57.50	103+32.50	X				325		1	2	
TOTALS						500		2	4	

PAVEMENT MARKINGS SUMMARY OF QUANTITIES			
LOCATION	LINE PAINT		SNOWBLOWABLE RAISED PAVEMENT MARKER, REMOVE
	SOLID WHITE 6 in	SOLID YELLOW 6 in	
	ft	ft	
98+07.00 "A" to 103+33.00 "A"	1,052	1,052	7
TOTALS	1,052	1,052	7

MONUMENT AND R/W MARKER TABLE							
STATION	OFFSET	MONUMENT				SECTION CORNER	R/W MARKER
		A	B	C	D		
Line "A"							
97+20	45' Rt.						1
98+00	30' Lt.						1
98+25	45' Rt.						1
99+45	0		1				
99+60	40' Lt.						1
99+60	120' Rt.						1
99+70	60' Lt.						1
100+10	60' Lt.						1
100+10	30' Lt.						1
100+25	120' Rt.						1
100+45	0		1				
100+75	45' Rt.						1
101+40	45' Rt.						1
101+68	30' Lt.						1
104+10	30' Lt.						1
TOTALS		0	2	0	0	0	13

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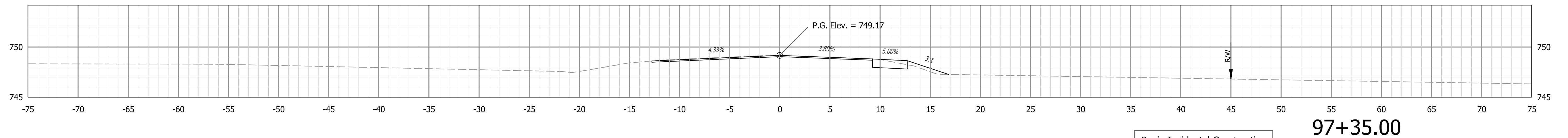
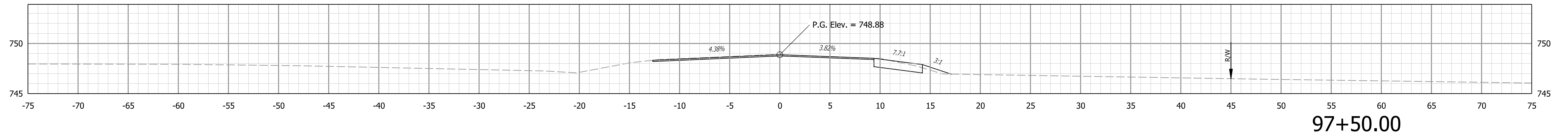
STAGE 2
SUBMITTAL

RECOMMENDED FOR APPROVAL _____ DATE _____
DESIGNED: _____ GSH DRAWN: _____ GSH
CHECKED: _____ MDP CHECKED: _____ MDP

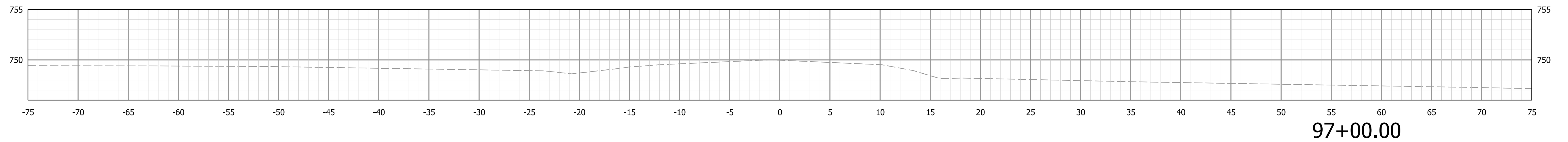
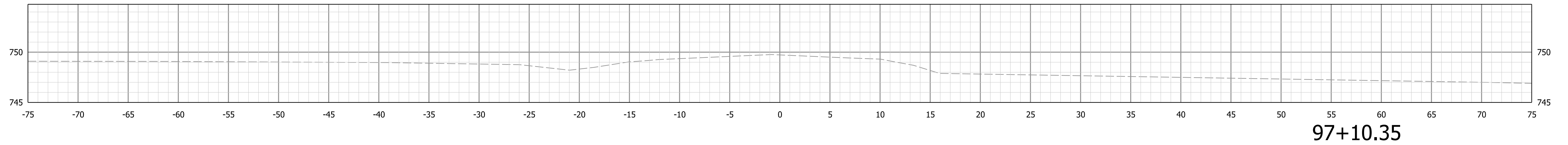
INDIANA
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS TABLES

HORIZONTAL SCALE	BRIDGE FILE
N/A	N/A
VERTICAL SCALE	DESIGNATION
N/A	2100803 & 2100804
SURVEY BOOK	SHEETS
ELECTRONIC	12 of 21
CONTRACT	PROJECT
R-43683	2100803 & 2100804



Begin Incidental Construction
for Shoulder Grading
Sta. 97+35.00 "A"



Plot: 12/16/2023 6:22:09 PM

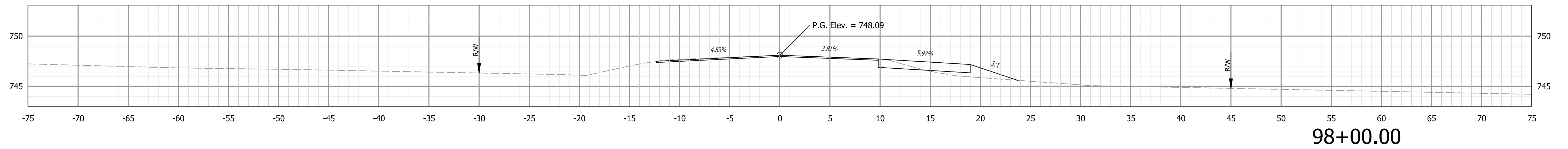
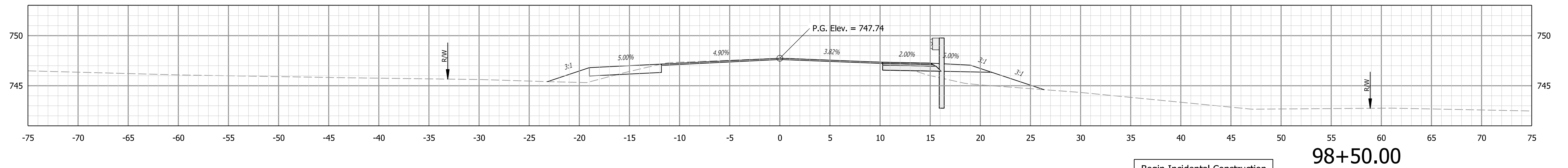
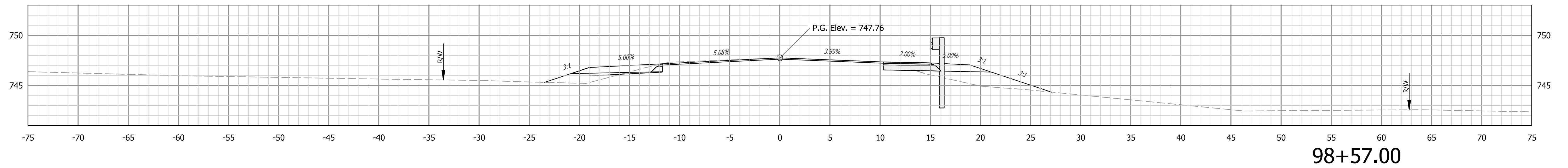
**STAGE 2
SUBMITTAL**

RECOMMENDED FOR APPROVAL _____ DATE _____
DESIGNED: _____ KCH _____ DRAWN: _____ KCH _____
CHECKED: _____ MDP _____ CHECKED: _____ MDP _____

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
LINE "A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 2100803 & 2100804
SURVEY BOOK ELECTRONIC	SHEETS 13 of 21
CONTRACT R-43683	PROJECT 2100803 & 2100804



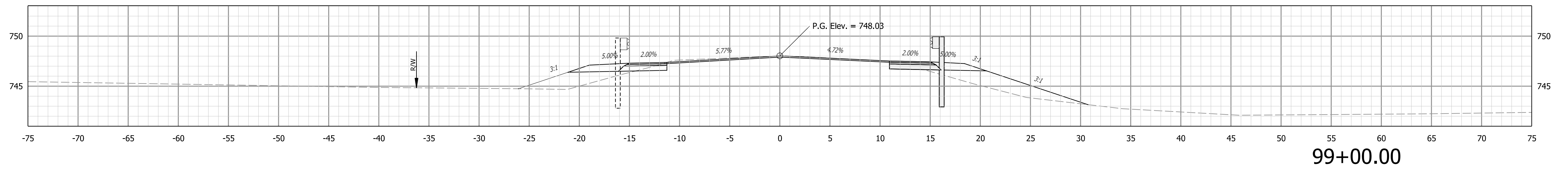
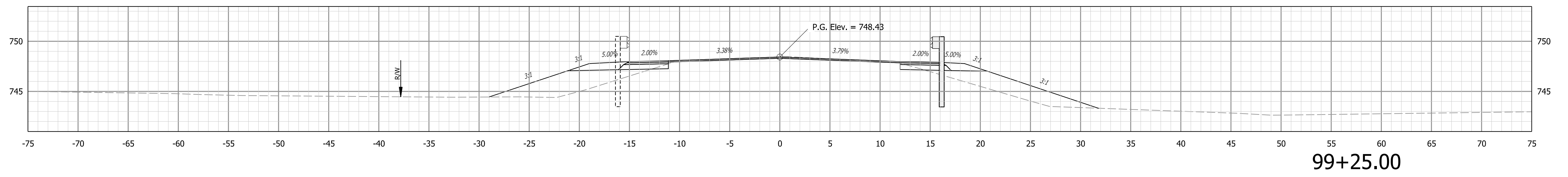
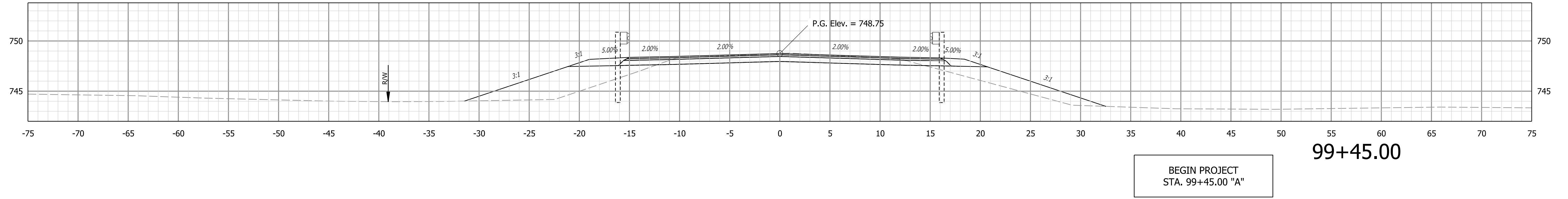
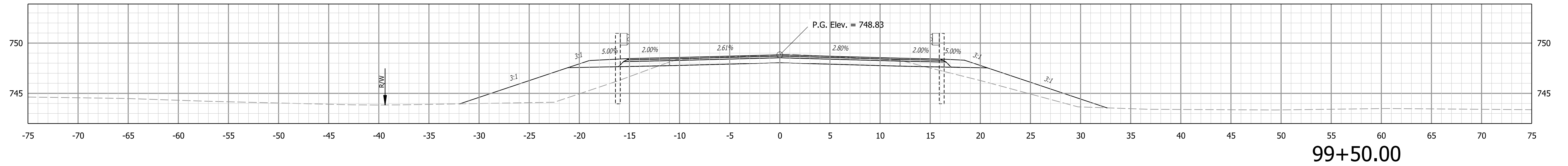
Plot: 12/16/2023 6:22:10 PM

STAGE 2 SUBMITTAL	RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
	DESIGNED: _____ KCH _____	DRAWN: _____ KCH _____	
	CHECKED: _____ MDP _____	CHECKED: _____ MDP _____	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

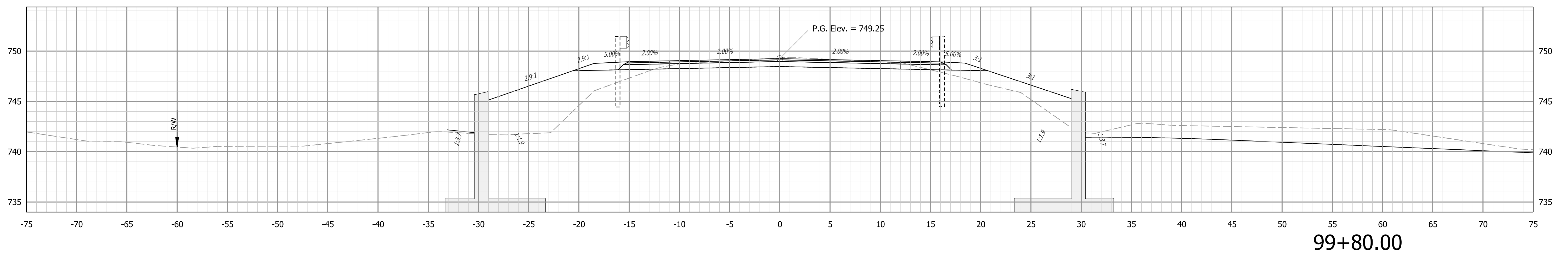
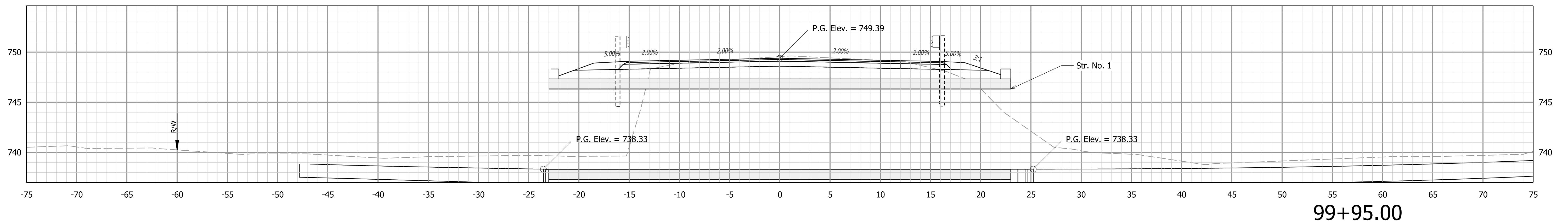
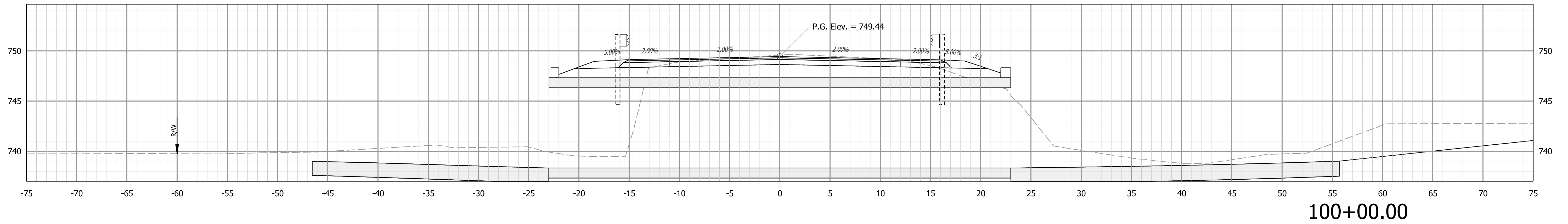
**CROSS SECTIONS
LINE "A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 2100803 & 2100804
SURVEY BOOK ELECTRONIC	SHEETS 14 of 21
CONTRACT R-43683	PROJECT 2100803 & 2100804



Plot: 12/16/2023 6:22:12 PM

STAGE 2 SUBMITTAL	RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
	DESIGNED: _____ KCH _____	DRAWN: _____ KCH _____		VERTICAL SCALE 1" = 5'	DESIGNATION 2100803 & 2100804
	CHECKED: _____ MDP _____	CHECKED: _____ MDP _____	CROSS SECTIONS LINE "A"	SURVEY BOOK	SHEETS
				ELECTRONIC CONTRACT R-43683	15 of 21 PROJECT 2100803 & 2100804



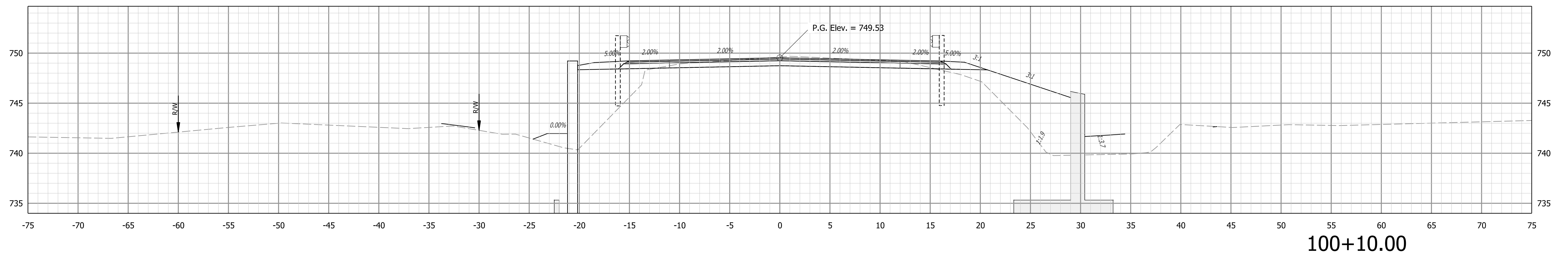
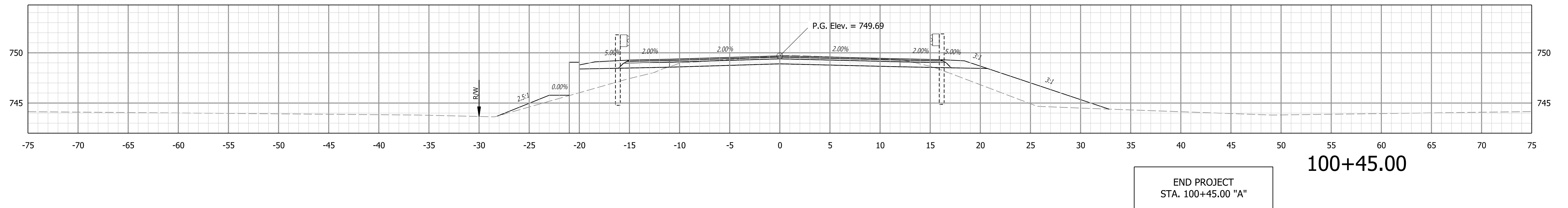
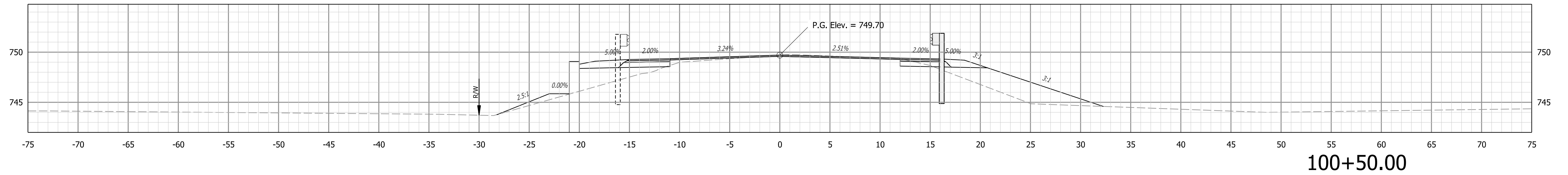
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STAGE 2 SUBMITTAL	RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
	DESIGNED: _____ KCH _____	DRAWN: _____ KCH _____		
	CHECKED: _____ MDP _____	CHECKED: _____ MDP _____		

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
LINE "A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 2100803 & 2100804
SURVEY BOOK ELECTRONIC	SHEETS 16 of 21
CONTRACT R-43683	PROJECT 2100803 & 2100804



Plot: 12/16/2023 6:22:16 PM

STAGE 2 SUBMITTAL

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____

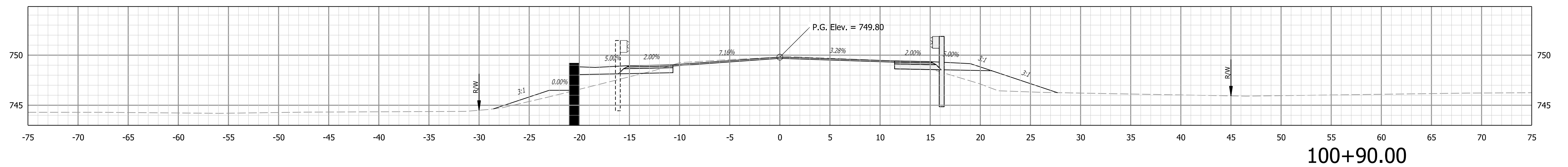
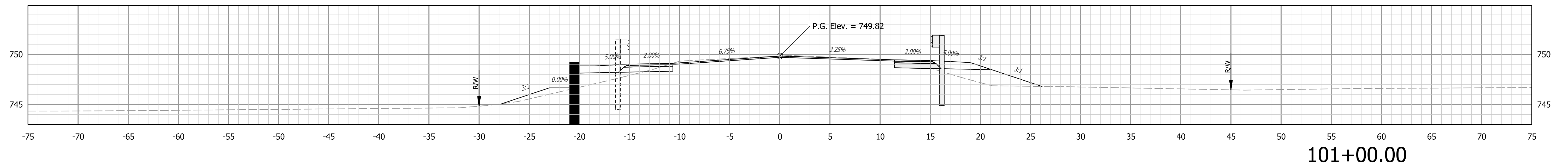
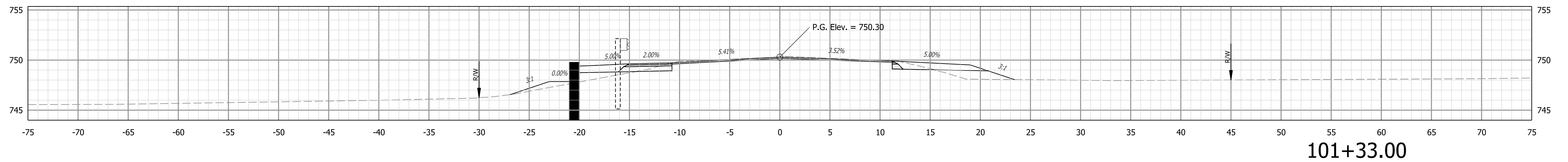
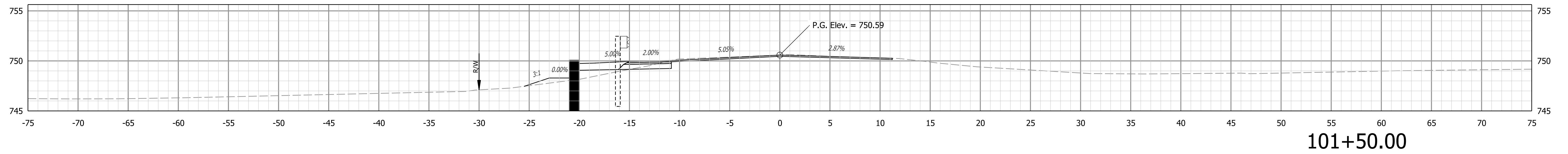
DESIGNED: _____ KCH _____ DRAWN: _____ KCH _____

CHECKED: _____ MDP _____ CHECKED: _____ MDP _____

INDIANA DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS LINE "A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 2100803 & 2100804
SURVEY BOOK ELECTRONIC	SHEETS 17 of 21
CONTRACT R-43683	PROJECT 2100803 & 2100804



Plot: 12/16/2023 6:22:19 PM

**STAGE 2
SUBMITTAL**

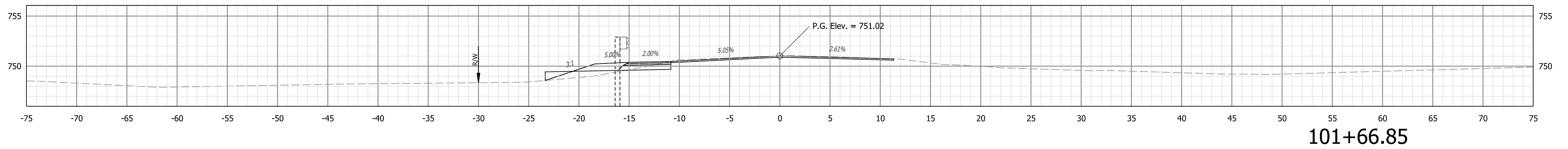
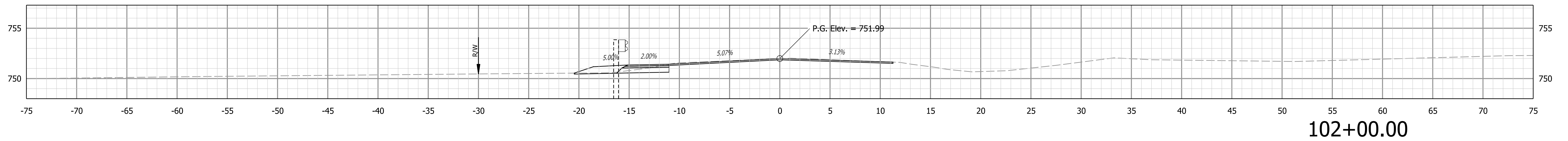
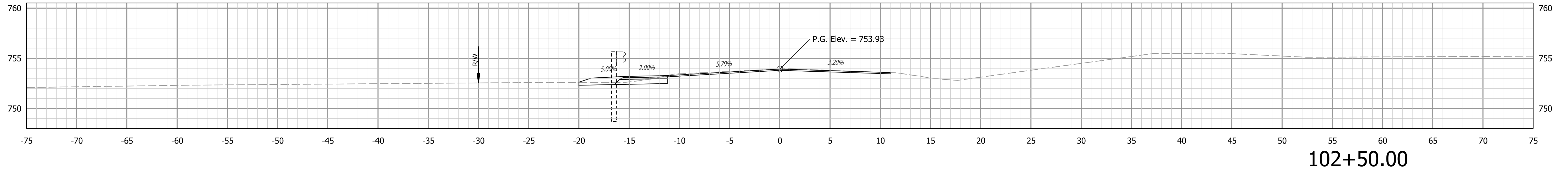
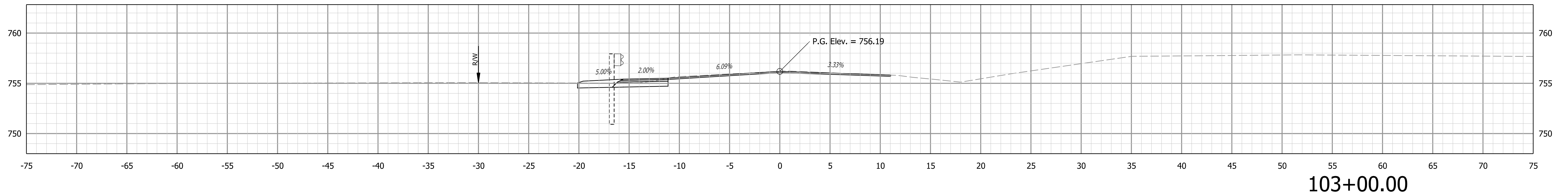
RECOMMENDED FOR APPROVAL _____ DATE _____
DESIGNED: _____ KCH _____ DRAWN: _____ KCH _____
CHECKED: _____ MDP _____ CHECKED: _____ MDP _____

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
LINE "A"**

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 2100803 & 2100804
SURVEY BOOK ELECTRONIC	SHEETS 18 of 21
CONTRACT R-43683	PROJECT 2100803 & 2100804

End Incidental Construction
for Overlay and Widening
Sta. 103+33.00 "A"



STAGE 2
SUBMITTAL

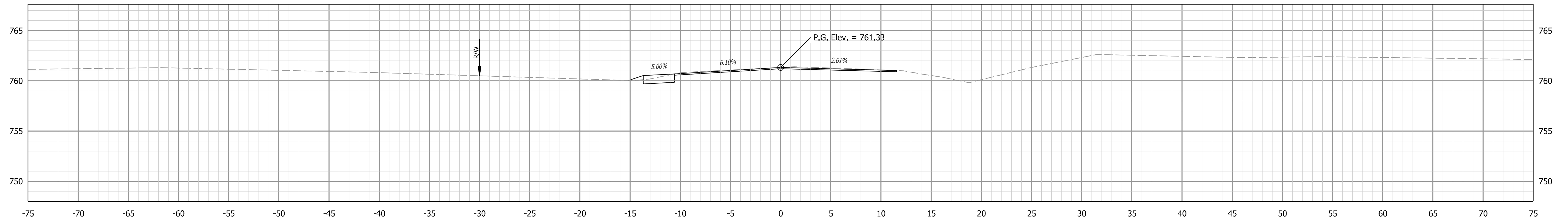
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE _____
DESIGNED: _____ KCH _____ DRAWN: _____ KCH _____
CHECKED: _____ MDP _____ CHECKED: _____ MDP _____

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A"

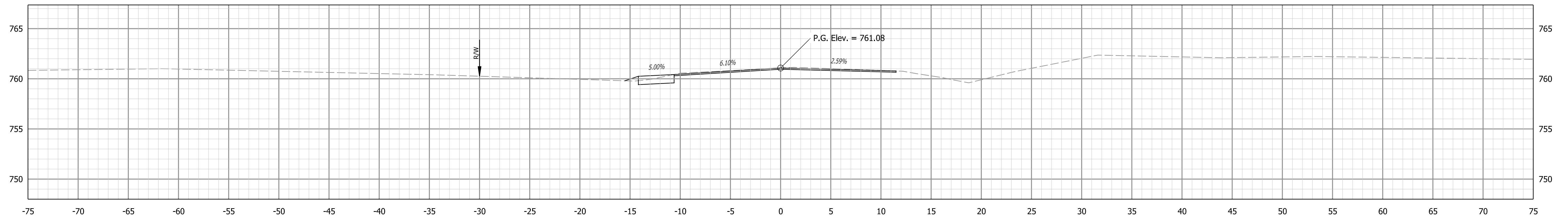
HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 2100803 & 2100804
SURVEY BOOK ELECTRONIC	SHEETS 19 of 21
CONTRACT R-43683	PROJECT 2100803 & 2100804

Plot: 12/16/2023 6:22:21 PM

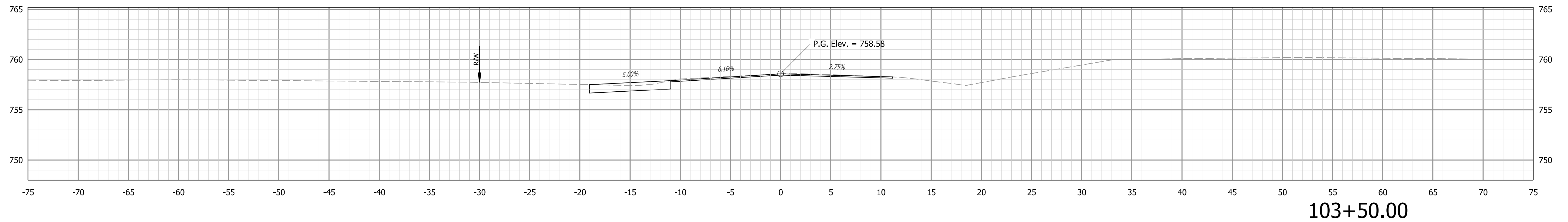


End Incidental Construction
for Shoulder Grading
Sta. 104+05.00 "A"

104+05.00



104+00.00



103+50.00

STAGE 2
SUBMITTAL

RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

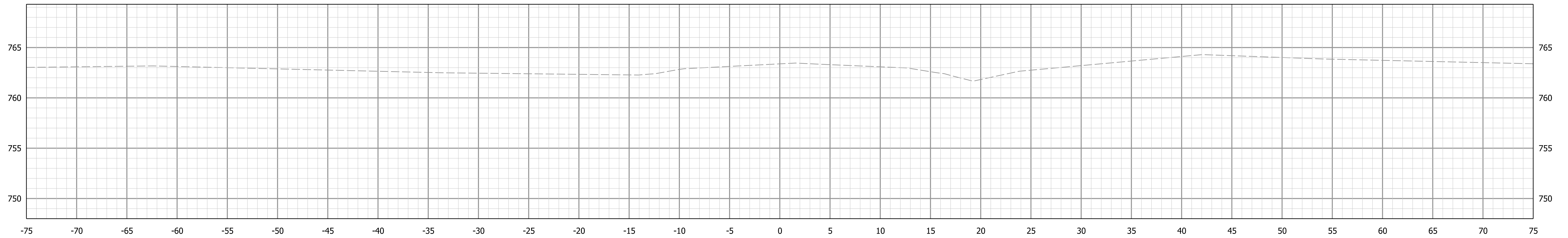
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CHECKED: _____ MDP _____ CHECKED: _____ MDP _____

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 2100803 & 2100804
SURVEY BOOK ELECTRONIC	SHEETS 20 of 21
CONTRACT R-43683	PROJECT 2100803 & 2100804

Plot: 12/16/2023 6:22:22 PM



104+50.00

STAGE 2
SUBMITTAL

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ KCH _____	DRAWN: _____ KCH _____	
CHECKED: _____ MDP _____	CHECKED: _____ MDP _____	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A"

HORIZONTAL SCALE 1" = 5'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 2100803 & 2100804
SURVEY BOOK ELECTRONIC	SHEETS 21 of 21
CONTRACT R-43683	PROJECT 2100803 & 2100804

Plot: 12/16/2023 6:22:22 PM