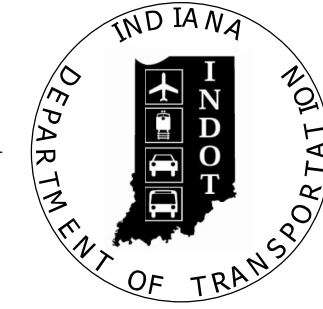


PROJECT	DESIGNATION
1700135	2001603
CONTRACT	BRIDGE FILE
R-41529	I65-023-04227B

INDIANA DEPARTMENT OF TRANSPORTATION



STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
I65-023-04227B	CONTINUOUS COMPOSITE STEEL BEAM BRIDGE	4 Spans: 38'-8" 66'-0", 66'-0", 38'-8" SKEW: SQUARE	I-65	9+99.06 "S-9-Q"

KIN DESIGNATION NUMBERS	
DESIGNATION	DESCRIPTION
1600729	Bridge Rehabilitation for Structure I65-017-04222 ENBL
1600733	Bridge Rehabilitation for Structure I65-017-04222 ESBL
1600744	Bridge Rehabilitation for Structure I65-016-04220 ENBL
1600750	Bridge Rehabilitation for Structure I65-016-04220 ESBL
1700135 (LEAD)	I65 Roadway Reconstruction
2001600	Bridge Rehabilitation for Structure I65-021-09939 ASBL
2001601	Bridge Rehabilitation for Structure I65-021-09940 ANBL
2001603	Bridge Rehabilitation for Structure I65-023-04227
2001604	Bridge Rehabilitation for Structure I65-024-04229 BNBL
2001605	Bridge Rehabilitation for Structure I65-024-04229 BSBL
2001607	Bridge Rehabilitation for Structure I65-024-04232 A

CULVERT ASSETS		
DES. NO.	CULVERT ASSET ID	WORK TYPE
2001593	CV I65-072-26.20	Small Structure Pipe Lining
2001594	CV I65-072-25.05	Small Structure Pipe Lining
2001595	CV I65-010-22.77	Small Structure Pipe Lining
2001596	CV I65-072-25.83	Small Structure Replacement
2001597	CV I65-010-22.65	Small Structure Paved Invert
2001598	CV I65-010-19.90	Small Structure Paved Invert
2001599	CV I65-010-18.35	Small Structure Pipe Lining

BRIDGE REHABILITATION PLANS

FOR SPANS OVER 20 FEET

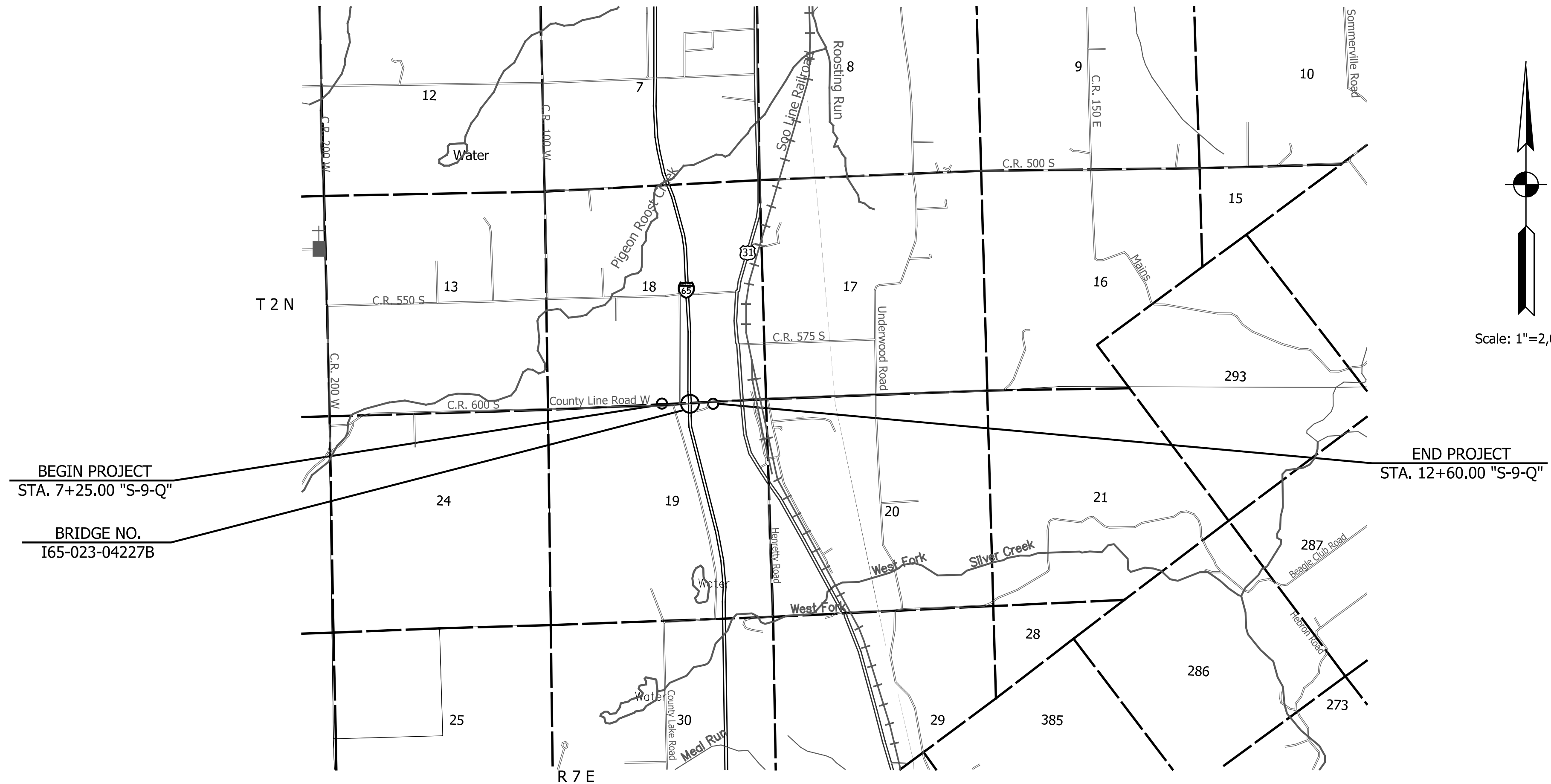
ROUTE: COUNTY LINE ROAD AT: RP 23+69

PROJECT NO. 2001603 P.E.

NO ADDITIONAL RIGHT-OF-WAY REQUIRED FOR THIS PROJECT R/W

1700135 CONST.

This Bridge Superstructure Replacement is on County Line Road Over I-65 Located Approximately 4.46 Miles North of State Road 160 on Section Line Between Section 18, T 2 N, R 7 E and Section 19, T 2 N, R 7 E, Vienna & Monroe Township, Scott & Clark County, Indiana. (38° 36' 18" N, 85° 46' 53" W)

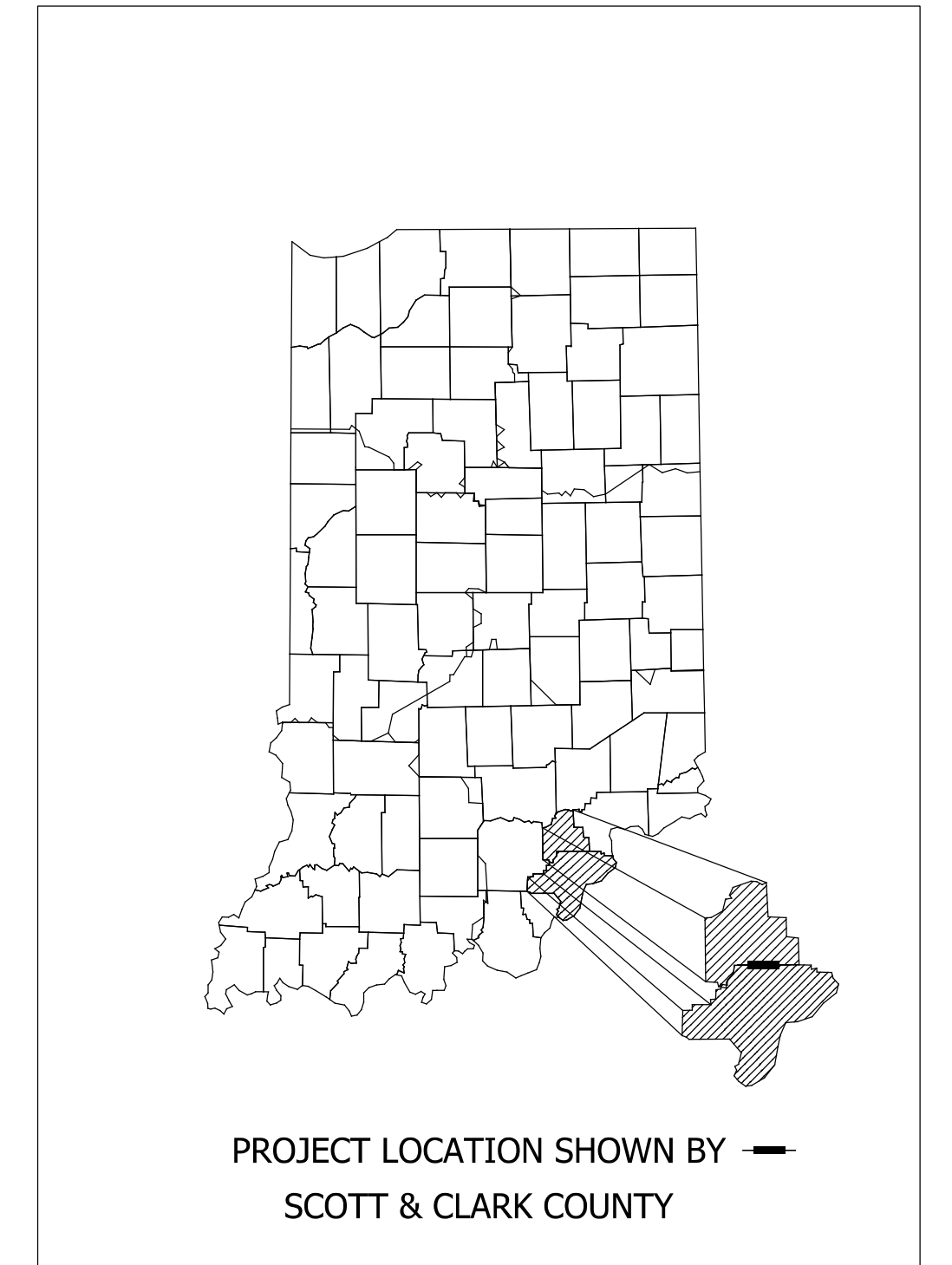


TRAFFIC DATA COUNTY LINE ROAD

A.A.D.T.	2023	855	V.P.D.
A.A.D.T.	2043	1040	V.P.D.
D.H.V		108	V.P.H.
DIRECTIONAL DISTRIBUTION		51 %	
TRUCKS		3.2 %	A.A.D.T.
		12 %	D.H.V.

DESIGN DATA

DESIGN SPEED	45	M.P.H.
PROJECT DESIGN CRITERIA	3R NON-FREEWAY	
FUNCTIONAL CLASSIFICATION	MINOR COLLECTOR	
RURAL/URBAN	RURAL	
TERRAIN	LEVEL	
ACCESS CONTROL	NONE	



LATITUDE: 38°36'18" N LONGITUDE: 85°46'53" W

BRIDGE LENGTH:	0.040	MI.
ROADWAY LENGTH:	0.061	MI.
TOTAL LENGTH:	0.101	MI.
MAX. GRADE:	3.715	%

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2022
TO BE USED WITH THESE PLANS.



9025 RIVER ROAD, SUITE 200
INDIANAPOLIS, IN 46240
TEL 317.547.5580 FAX 317.543.0270
www.structurepoint.com

FEDERAL HIGHWAY ADMINISTRATION
U.S. DEPT. OF TRANSPORTATION

APPROVED: _____ DATE _____

DIVISION ADMINISTRATOR

PLANS PREPARED BY: American Structurepoint, Inc. (317) 547-5580 PHONE NUMBER

CERTIFIED BY: _____ DATE _____

APPROVED FOR LETTING: _____ DATE _____
INDIANA DEPARTMENT OF TRANSPORTATION

BRIDGE FILE	
I65-023-04227B	
DESIGNATION	
2001603	
SURVEY BOOK	SHEETS
ELECTRONIC	1 of 18
CONTRACT	PROJECT
R-41529	1700135

UTILITIES

<p>Water Scottsburg Water Dept 2 E McClain Ave Scottsburg, IN 47170 (812) 595-0670 Contact: Todd Carter</p>	<p>Electric Clark County REMC 7810 IN-60, P.O. Box L Sellersburg, IN 47172 (812) 248-7504 Contact: Larry Edwards</p>	<p>Telecommunications Frontier 24373 County Road 45 Elkhart, IN 46516 (812) 522-1502 Contact: Robert Morris</p>
<p>Water Rural Membership Water Corp. of Clark Co. 301 S Ferguson Street Henryville, IN 47126 (812) 294-1481 Contact: Matt Shields</p>	<p>Electric Scottsburg Electric 2 E McClain Ave Scottsburg, IN 47170 (812) 595-0685 Contact: Jim Binkley</p>	<p>Telecommunications Zayo 9209 Castlegate Drive Indianapolis, IN 46256 (765) 341-1199 Contact: Waylon Higgins</p>
<p>Water Stucker Fork Water Utility 2260 N Hwy 31 Austin, IN 47102 (812) 794-0650 Contact: Randy Needler</p>	<p>Electric/Telecommunications Jackson Co. REMC & Fiber 274 E Base Road Brownstown, IN 47220 (812) 358-4458 Contact: Devan Jerrell</p>	<p>Telecommunications Intelligent Fiber Network (IFN) 722 N High School Road Indianapolis, IN 46214 (317) 777-7119 Contact: Shawn Wright</p>
<p>Sanitary Sewer Henryville Membership Sanitation Corp. 104 E Main Street, P.O. Box 62 Henryville, IN 47126 (812) 294-1070 Contact: Doug Dunlevy</p>	<p>Gas Midwest Natural Gas 1652 W McClain Avenue Scottsburg, IN 47170 (812) 595-0633 Contact: Terry Shafer</p>	<p>Telecommunications Insight Communications 10168 Linn Station Road, Ste. 120 Louisville, IN 40223 (502) 410-7192 Contact: Kevin Mercer</p>
<p>Sanitary Sewer Scottsburg Wastewater 2 E McClain Ave Scottsburg, IN 47170 (812) 820-5148 Contact: Chase Hardin</p>	<p>ITS INDOT 8620 E. 21st Street Indianapolis, IN 46219 (317) 503-4020 Contact: Drew Sorenson</p>	<p>Telecommunications MCI Communication Services, Inc. 720 West Henry Street Indianapolis, IN 46225 (518) 424-3950 Contact: Ron Kocienski</p>

GENERAL NOTES

**	All earth shoulders, median areas, and cut and fill slopes shall be plain or mulch seeded except where sodding is specified
	The final cross sections of the grading contract will be the original cross sections of the paving contract. However, partial or complete cross sections shall be taken if necessary to determine the actual excavation quantities.
	The paper relocation will be cross sectioned by the Engineer before construction.
	Existing asphalt pavement located outside the construction limits, between Sta. _____ and Sta. _____, shall be removed as directed.
	The quantity of peat excavation shown on the plans has been estimated on the basis of theoretical cross sections by using treatment of existing fills, treatment by removal, or treatment by displacement, where each treatment applies.
	All limited access right-of-way (L.A. R/W) is to be fenced with chain link type fence (CLTF) or farm field type fence (FFTF) where specified in the plans.
	Contractor shall verify existing flowline elevations to set the appropriate sump depth.

** REPRESENTS GENERAL NOTES REQUIRED

INDEX

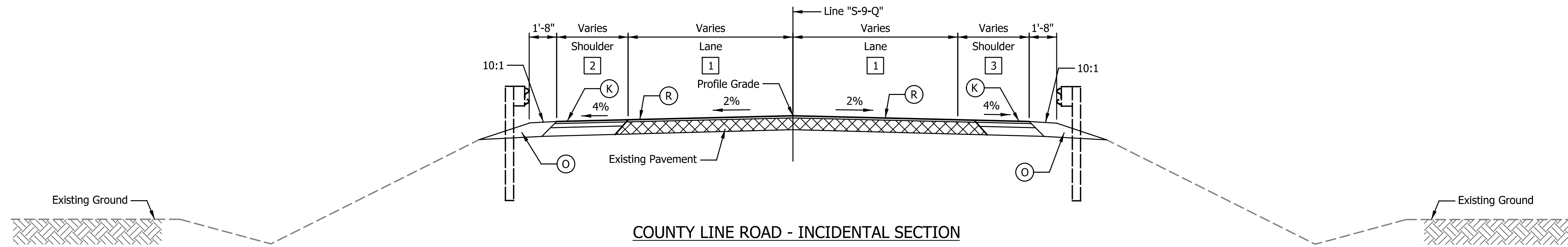
SHEET NO.	DRAWING INDEX
1	TITLE SHEET
2	INDEX AND GENERAL NOTES
3	TYPICAL SECTIONS
4	DETOUR PLAN
5	LAYOUT
6-7	GENERAL PLAN
8	BRIDGE SUMMARY
9-18	CROSS SECTIONS - LINE "S-9-Q"

REVISIONS

SHEET NO.	DATE	REVISED

I:\info\civ\info\Indiana_Shafer.tbl

RECOMMENDED FOR APPROVAL _____ _____ DESIGN ENGINEER _____ DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
			NONE	I65-023-04227B
			VERTICAL SCALE	DESIGNATION
			NONE	2001603
DESIGNED: _____ MRP	DRAWN: _____ MRP	INDEX AND GENERAL NOTES		SURVEY BOOK
CHECKED: _____ RTA	CHECKED: _____ RTA			ELECTRONIC
				CONTRACT
				R-41529
				SHEETS
				2 of 18
				PROJECT
				1700135



COUNTY LINE ROAD - INCIDENTAL SECTION

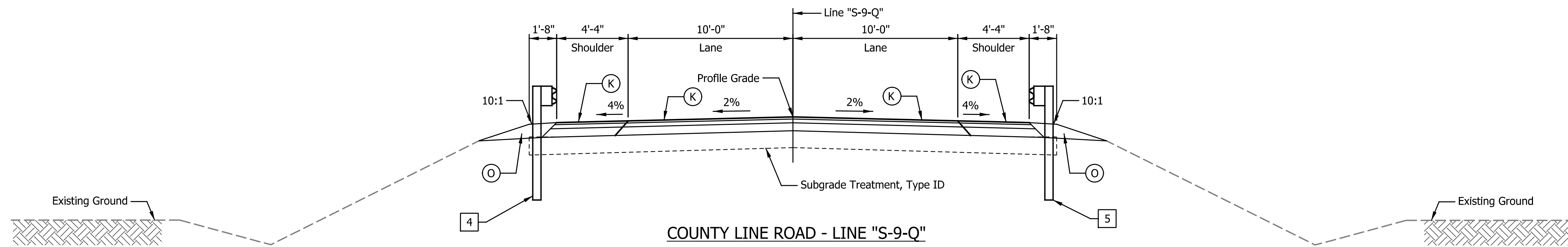
6+65.00 "S-9-Q" To 7+25.00 "S-9-Q"
 12+60.00 "S-9-Q" To 13+50.00 "S-9-Q"

- 1 Varies From Existing Width To 10'-0" From 6+65.00 "S-9-Q" To 7+25.00 "S-9-Q"
 Varies From 10'-0" To Existing Width From 12+60.00 "S-9-Q" To 13+50.00 "S-9-Q"
- 2 Varies From 2'-0" To 4'-4" From 6+65.00 "S-9-Q" To 7+25.00 "S-9-Q"
 Varies From 4'-4" To 4'-0" From 12+60.00 "S-9-Q" To 13+50.00 "S-9-Q"

- 3 Varies From 4'-0" To 4'-4" From 6+65.00 "S-9-Q" To 7+25.00 "S-9-Q"
 Varies From 4'-4" To 2'-0" From 12+60.00 "S-9-Q" To 13+50.00 "S-9-Q"

PAVING EXCEPTIONS
 8+72.89 "S-9-Q" To 11+25.23 "S-9-Q"

NOTE TO REVIEWER:
 ROADWAY APPROACH DETAILS WILL
 BE INCLUDED AT FINAL PLANS.



COUNTY LINE ROAD - LINE "S-9-Q"

7+25.00 "S-9-Q" To 12+60.00 "S-9-Q"

- 4 Guardrail Varies To Tie Into Existing From 11+97.91 "S-9-Q" To 12+35.36 "S-9-Q"
 (See Layout For Additional Information)

- 5 Guardrail Varies To Tie Into Existing From 8+00.23 "S-9-Q" To 8+37.71 "S-9-Q"
 Guardrail Varies To Tie Into Existing From 11+97.91 "S-9-Q" To 12+35.37 "S-9-Q"
 (See Layout For Additional Information)

LEGEND

(R) 165 #/Syd. QC/QA-HMA, 2, 64, Surface, 9.5 mm, on Milling, 1.5"

(K) 165 #/Syd QC/QA-HMA, 2, 64, Surface 9.5 mm, on 275 #/Syd QC/QA-HMA, 2, 64, Intermediate 19.0 mm, on 660 #/Syd QC/QA-HMA, 2, 64, Base 19.0 mm, on Subgrade Treatment, Type ID

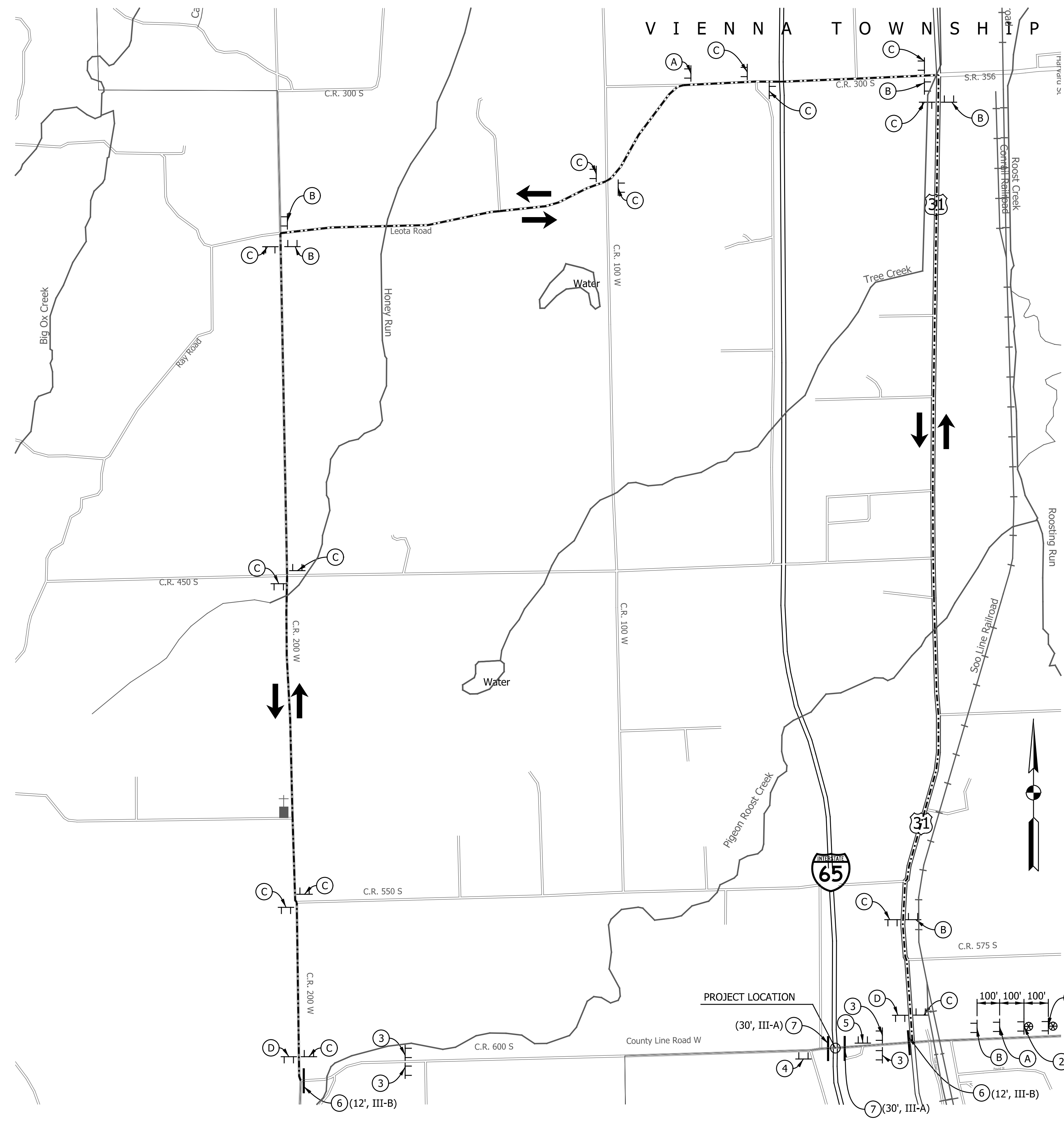
(O) Variable Depth Compacted Aggregate for Shoulder, No. 53

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: _____ CDG _____	DRAWN: _____ MRP _____		
CHECKED: _____ RTA _____	CHECKED: _____ RTA _____		

**INDIANA
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION

HORIZONTAL SCALE	BRIDGE FILE
1/2" = 1'-0"	I65-023-04227B
VERTICAL SCALE	DESIGNATION
1/4" = 1'-0"	2001603
SURVEY BOOK	SHEETS
ELECTRONIC	3 of 18
CONTRACT	PROJECT
R-41529	1700135



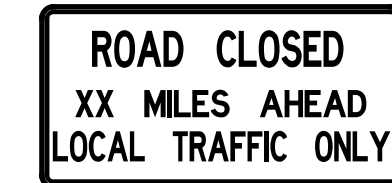
PLAN



XW20-2
(48"x48")



XW20-3
(48"x48")



R11-3
(60"x30")



R11-2
(48"x30")



R3-1
(24"x24")



R3-2
(24"x24")



XM4-10(L)
(24"x12")



XM4-10(R)
(24"x12")

LEGEND

- ① XW20-3 Road Closed Ahead
- ② XW20-2 Detour Ahead
- ③ XW20-3 Road Closed Ahead
- ④ R3-1 No Right Turn
- ⑤ R3-2 No Left Turn
- ⑥ Type III-B Barricades W/ Road Closure Sign Assembly Req'd (R11-3), & XM4-10 (R) Of (L)
- ⑦ Type III-A Barricades W/ Road Closure Sign Assembly Req'd (R11-2)
- TT Construction Sign W/Type A Warning Light
- ⊕ Detour Route Marker Assembly
- - Detour Route
- ➔ Flow Arrow

NOTES:
For Detour Route Marker Assemblies (A), (B), (C) & (D), see Standard Drawing E801-TCDT-04.

For Detour Details, see Standard Drawings E801-TCDT-01 thru 03.

For Traffic Control Device Details, see Standard Drawing E801-TCDV-04 thru 08.

Two "Road Closure Notice" Signs (XG20-5) Shall Be Placed Prior to Road Closure as Directed by the Engineer.

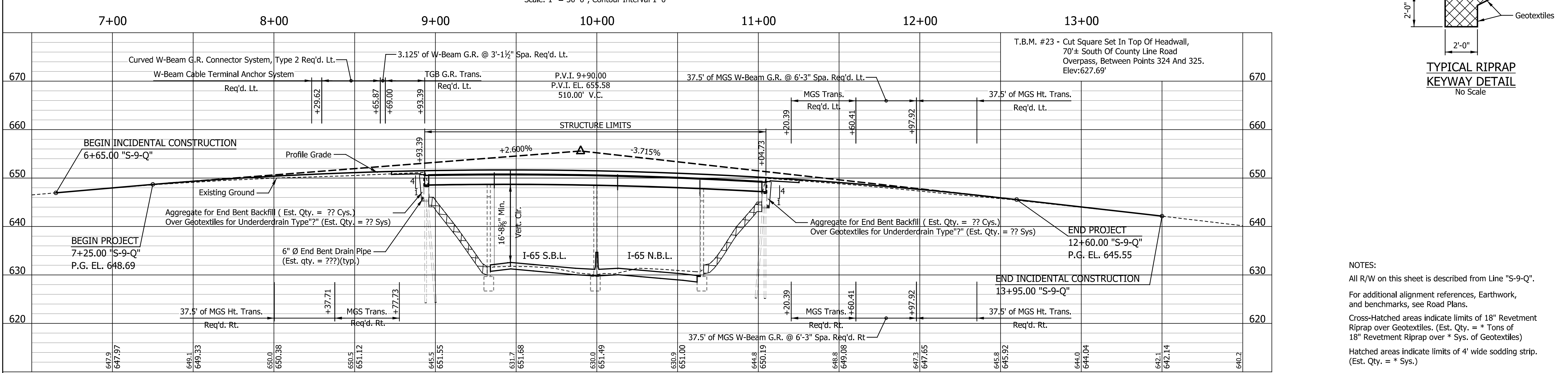
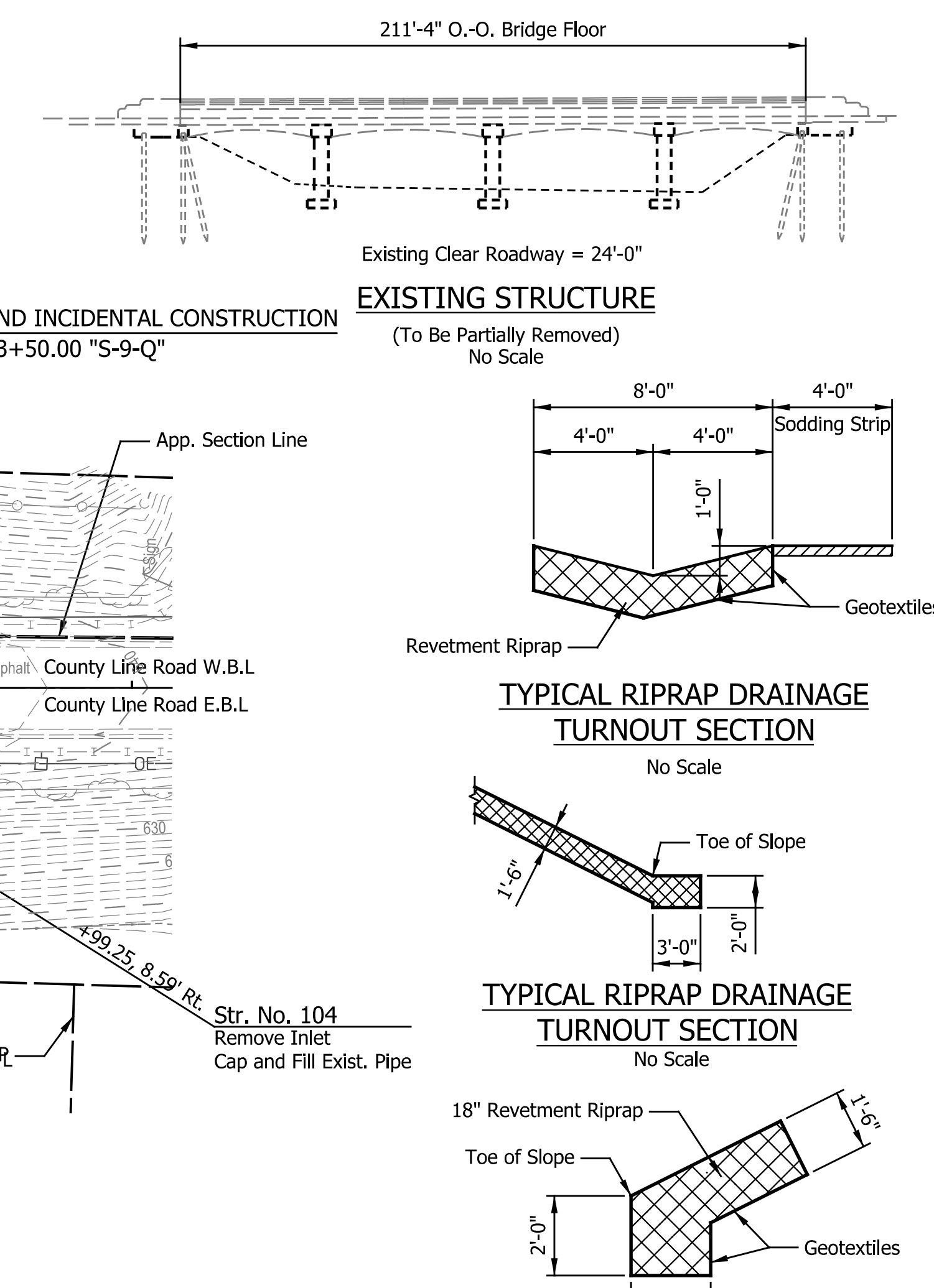
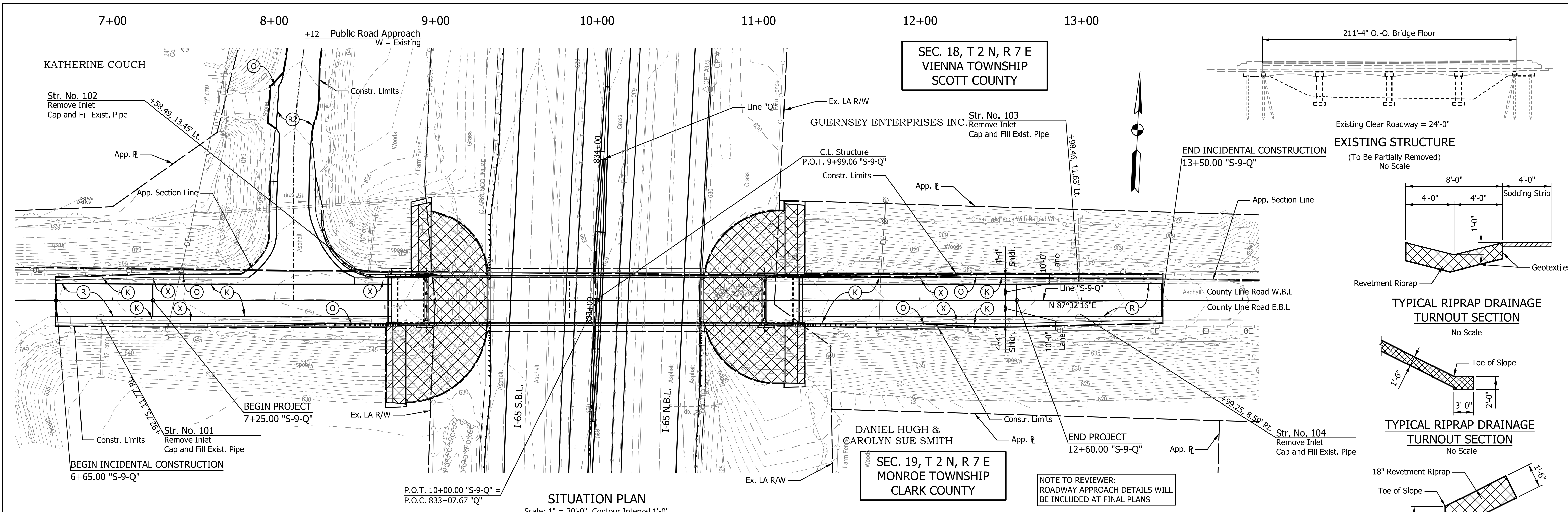
QUANTITY SUMMARY		
Detour Route Marker Assembly	*	Each
Construction Sign, Type A	*	Each
Construction Sign, Type B	*	Each
Type III-A Barricade	60	Lft.
Type III-B Barricade	24	Lft.
Road Closure Sign Assembly	*	Each

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ MRP	DRAWN: _____ MRP	
CHECKED: _____ RTA	CHECKED: _____ RTA	

INDIANA
DEPARTMENT OF TRANSPORTATION

DETOUR PAN

HORIZONTAL SCALE	BRIDGE FILE
1" = 1000'	I65-023-04227B
VERTICAL SCALE	DESIGNATION
1" = 1000'	2001603
SURVEY BOOK	SHEETS
ELECTRONIC	4 of 18
CONTRACT	PROJECT
R-41529	1700135

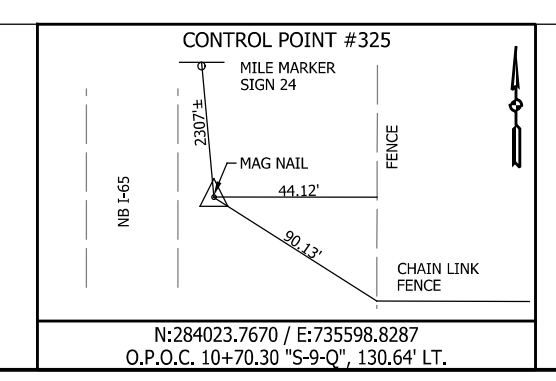


PROFILE ON PROPOSED ROADWAY
Scales: 1" = 30'-0" Horizontal, 1" = 10'-0" Vertical

CONTINUOUS COMPOSITE STEEL BEAM BRIDGE
4 SPANS: 38'-8", 66'-0", 66'-0", 38'-8" SKEW: SQUARE CLEAR ROADWAY: 28'-0"
COUNTY LINE ROAD OVER I-65
SCOTT & CLARK COUNTY

NOTES:
All R/W on this sheet is described from Line "S-9-Q".
For additional alignment references, Earthwork, and benchmarks, see Road Plans.
Cross-Hatched areas indicate limits of 18" Revetment Riprap over Geotextiles. (Est. Qty. = * Tons of 18" Revetment Riprap over * Sys. of Geotextiles)
Hatched areas indicate limits of 4' wide sodding strip. (Est. Qty. = * Sys.)

LEGEND
Ⓚ, Ⓜ, and Ⓞ See Typical Section Sheet
ⓧ Curb, Concrete Removal



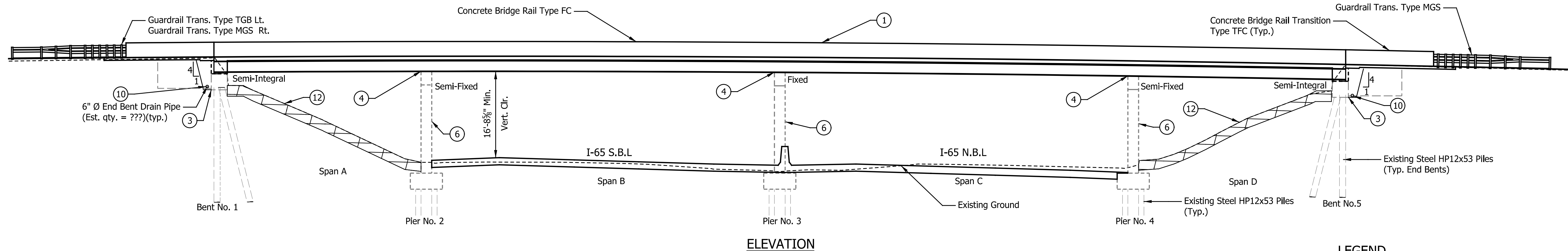
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CDG	DRAWN: MRP	
CHECKED: RTA	CHECKED: RTA	

INDIANA DEPARTMENT OF TRANSPORTATION

LAYOUT

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	I65-023-04227B
VERTICAL SCALE	DESIGNATION
AS NOTED	2001603
SURVEY BOOK	SHEETS
ELECTRONIC	5 of 18
CONTRACT	PROJECT
R-41529	1700135

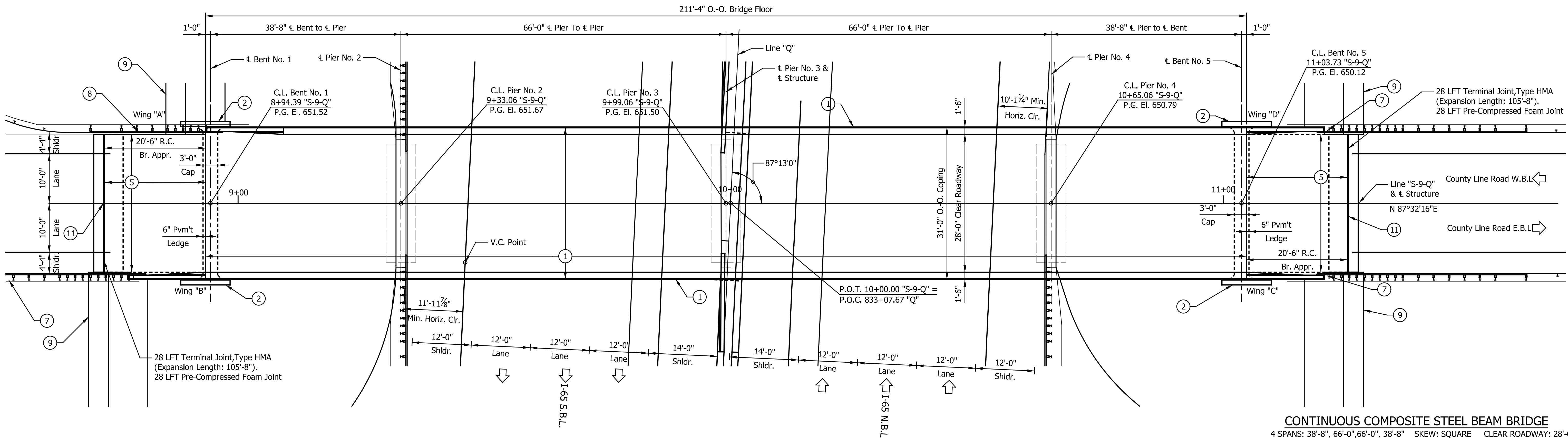
STRUCTURE TO BE BUILT TO A 510' VERTICAL CURVE



ELEVATION

LEGEND

- ① Remove Existing Deck, Variable Depth Concrete Girders, and Bridge Railing. Install New Steel Beams. Construct a New Bridge Deck And Concrete Bridge Rail Type FC .
- ② Remove Existing Wingwall And The Mudwalls Down To The Cap. And Construct New Wing Walls.
- ③ Convert To Semi-Integral
- ④ Construct Concrete Pedestals
- ⑤ Remove Existing Bridge Approaches and Construct New Full Width R.C. Bridge Approach.
- ⑥ Concrete Patching to Existing Substructure As Directed by Engineer
- ⑦ Remove Existing Guardrail, Construct New Concrete Bridge Rail Transitions Type TFC, Install New MGS Guardrail Transitions
- ⑧ Remove Existing Guardrail, Construct New Concrete Bridge Rail Transitions Type TFC, Install New TGB Guardrail Transition and Curved Terminal End.
- ⑨ Construct New Turnout and Sodding Strip.
- ⑩ Ex. Drain Pipe to Be Removed and Replaced
- ⑪ Construct New Terminal Joint and Sleeper Slab.
- ⑫ Riprap Added to Spill Slopes



PLAN

CONTINUOUS COMPOSITE STEEL BEAM BRIDGE
 4 SPANS: 38'-8", 66'-0", 66'-0", 38'-8" SKEW: SQUARE CLEAR ROADWAY: 28'-0"
 COUNTY LINE ROAD OVER I-65
 SCOTT & CLARK COUNTY

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: _____ CDG	DRAWN: _____ MRP	
CHECKED: _____ RTA	CHECKED: _____ RTA	

INDIANA
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'-0"	I65-023-04227B
VERTICAL SCALE	DESIGNATION
1" = 10'-0"	2001603
SURVEY BOOK	SHEETS
ELECTRONIC	6 of 18
CONTRACT	PROJECT
R-41529	1700135

GENERAL NOTES

Reinforcing steel covering to be 2½" in the top and 1" minimum in the bottom of floor slabs, 3" in the footings except the bottom steel which shall be 4", and 2" in all other parts, unless noted.

DESIGN DATA

- LIVE LOAD:** Beams & Deck designed for HL-93 loading in accordance with the AASHTO LRFD Bridge Design Specifications, Ninth Edition. Substructure checked for HS20-44 & military loading with impact and distribution of loads in accordance with AASHTO Standard Specifications for Highway Bridges, Seventeenth Edition, 2002.
- DEAD LOAD:** Actual Weight plus 35 Lbs./Sft. for future wearing surface and 15 Lbs./Sft. for permanent metal deck forms.
- FLOOR SLAB:** Designed for 16,000 Lbs. wheel load impact with a structural depth of 7½".
- UNIT STRESSES:** Reinforcing Steel, Fy = 60,000 psi
Concrete Class B, f'c = 3,000 psi
Concrete Class A, f'c = 3,500 psi
Concrete Class C, f'c = 4,000 psi
- ALLOWABLE STRESSES:** In accordance with 2002 AASHTO Specifications using Load Factor Design Method.

CONSTRUCTION LOADING

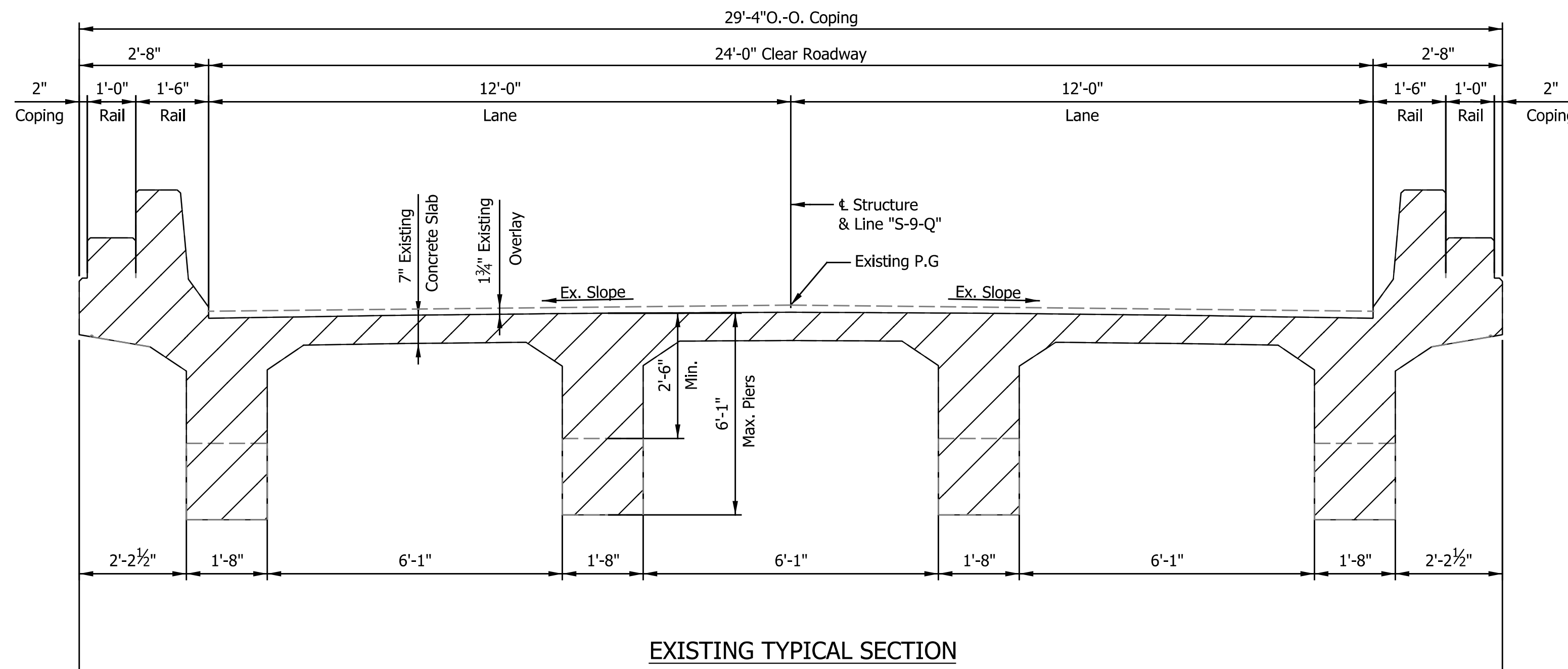
The exterior girder has been checked for strength, deflection, and overturning using the construction loads shown below. Cantilever overhang brackets were assumed for support of the deck overhang past the edge of the exterior girder. The finishing machine was assumed to be supported 6" outside the vertical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

Contractor Will be Required to Install Temporary Lateral Supports Between Permanent Steel diaphragms. Tie-rods and Timber Blocking shall be Placed every 4'-0" (max.) as required to Limit rotation and Deflection of the Exterior Girders

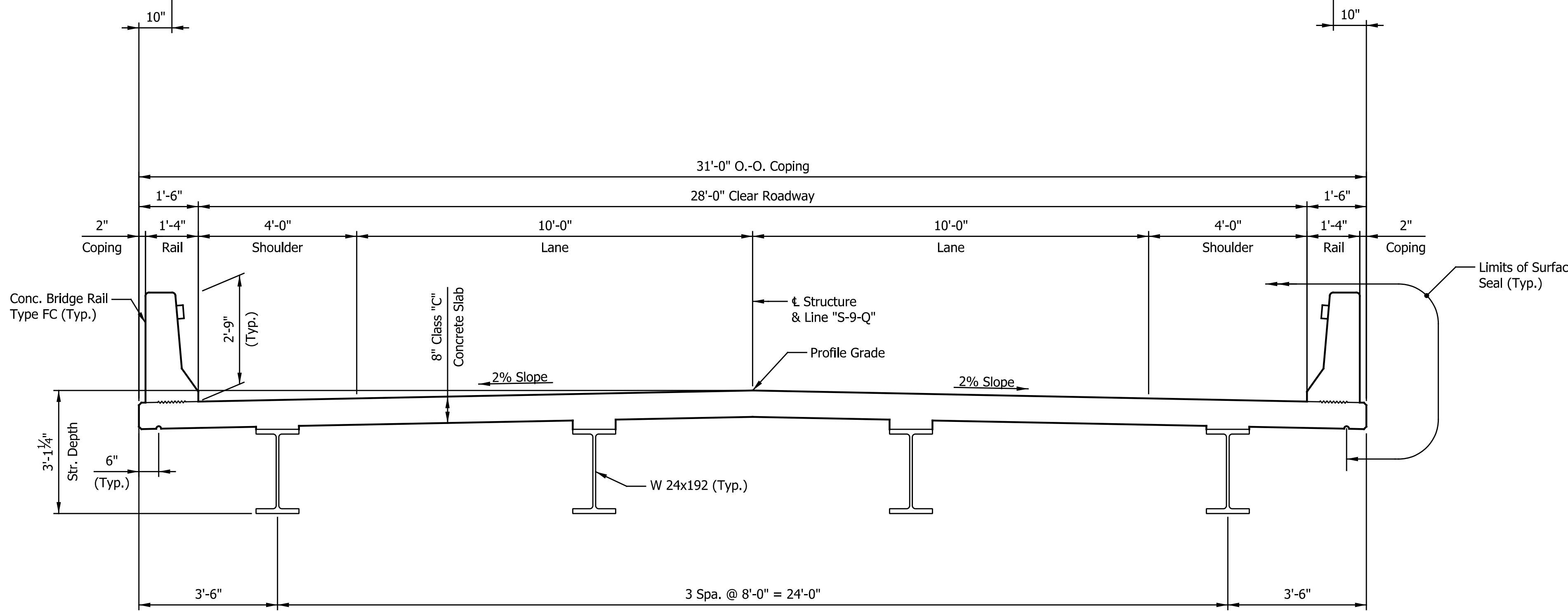
DESIGN DATA

- DECK FALSEWORK LOADS:** Designed for 15 Lbs./Sft. for permanent metal stay-in-place deck forms, removable deck forms, and 2' exterior walkway.
- CONSTRUCTION LIVE LOAD:** Designed for 20 Lbs./Sft. extending 2' past the edge of coping and 75 Lbs./Ft. vertical force applied at a distance of 6" outside the face of coping over a 30' length of the deck centered with the finishing machine.
- FINISHING-MACHINE LOAD:** 4500 Lbs. distributed over 10' along the coping.
- WIND LOAD:** Structure designed for 70 mph horizontal wind loading in accordance with LRFD 3.8.1.

 Indicates Limits of Removal



EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION

CONTINUOUS COMPOSITE STEEL BEAM BRIDGE

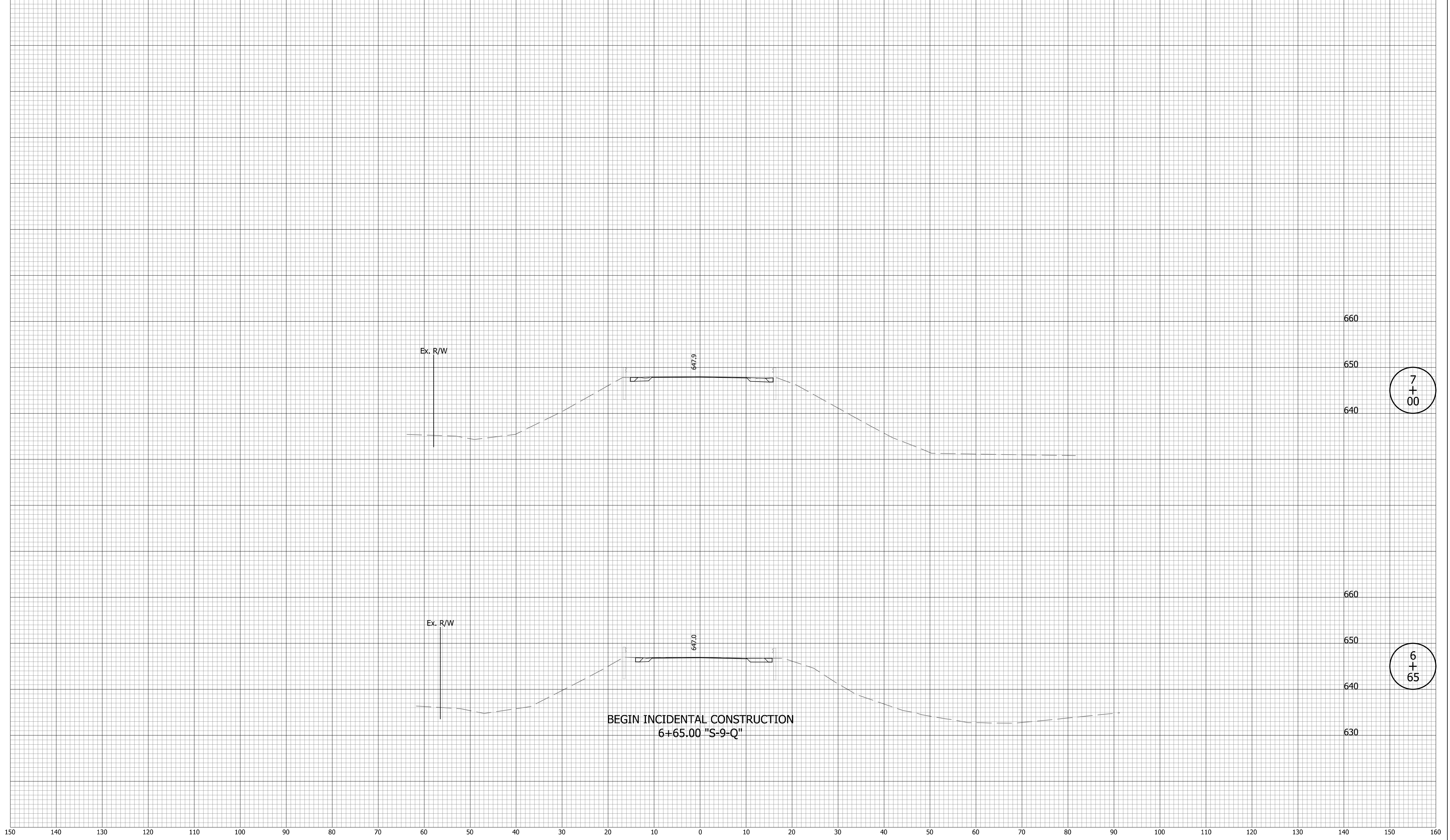
4 SPANS: 38'-8", 66'-0", 66'-0", 38'-8" SKEW: SQUARE CLEAR ROADWAY: 28'-0"
COUNTY LINE ROAD OVER I-65
SCOTT & CLARK COUNTY

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ CDG _____	DRAWN: _____ MRP _____	
CHECKED: _____ RTA _____	CHECKED: _____ RTA _____	

INDIANA DEPARTMENT OF TRANSPORTATION	
GENERAL PLAN	

HORIZONTAL SCALE	BRIDGE FILE
½" = 1'-0"	I65-023-04227B
VERTICAL SCALE	DESIGNATION
½" = 1'-0"	2001603
SURVEY BOOK	SHEETS
ELECTRONIC	7 of 18
CONTRACT	PROJECT
R-41529	1700135

150 140 130 120 110 100 90 80 70 60 50 40 30 20 CUT 20 CROSS SECTIONS Scale: 1 inch = 10 feet FILL 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160



7
+
00

6
+
65

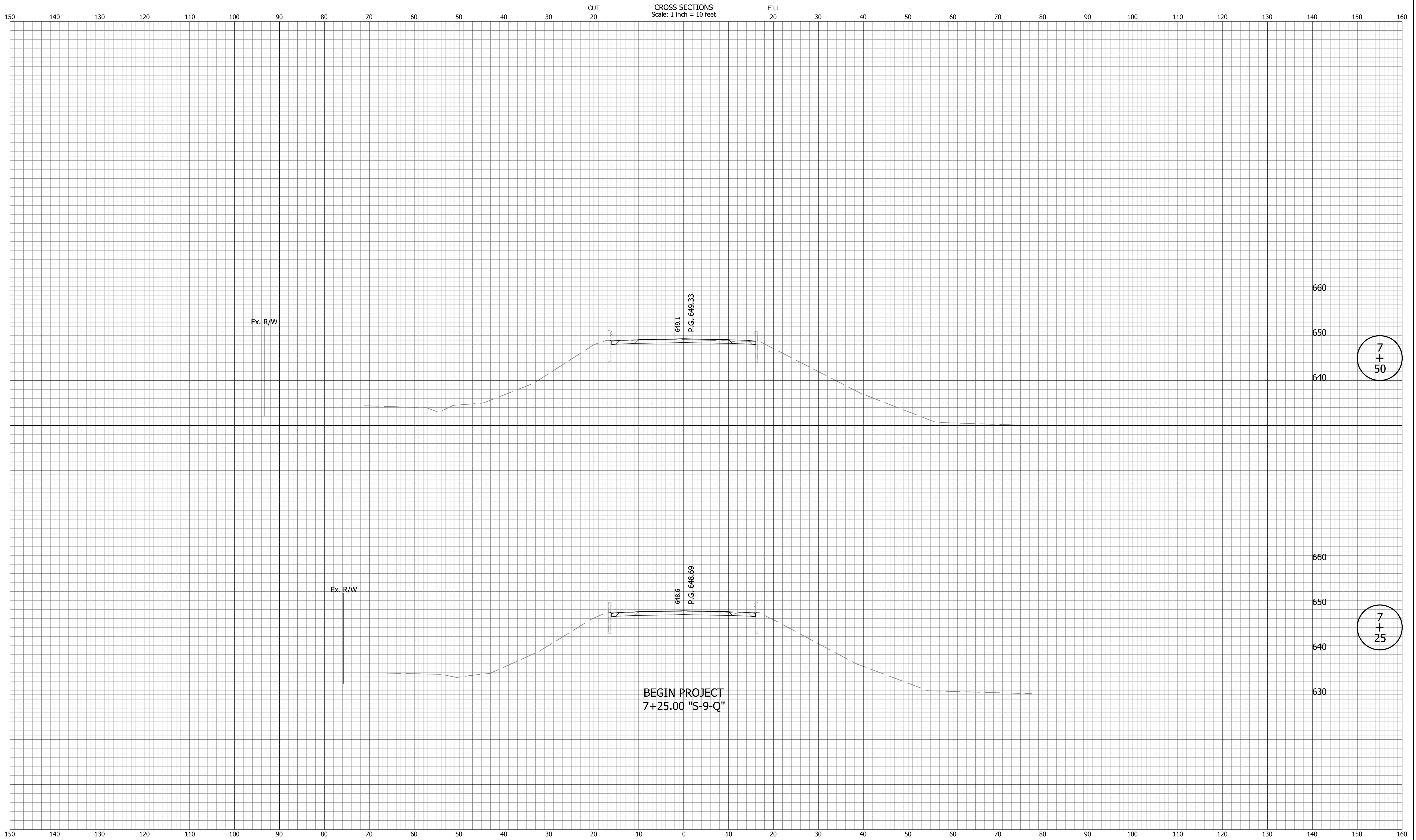
DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BNM	DRAWN: BNM	
CHECKED: RTA	CHECKED: RTA	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "S-9-Q"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'-0"	I65-023-04227B
VERTICAL SCALE	DESIGNATION
1" = 10'-0"	2001603
SURVEY BOOK	SHEETS
ELECTRONIC	9 of 18
CONTRACT	PROJECT
R-41529	1700135



CROSS SECTIONS
Scale: 1 inch = 10 feet

CUT
20

FILL
20

Ex. R/W

Ex. R/W

649.1
P.G. 649.33

648.6
P.G. 648.69

7
+
50

7
+
25

BEGIN PROJECT
7+25.00 "S-9-Q"

DATE	REVISION

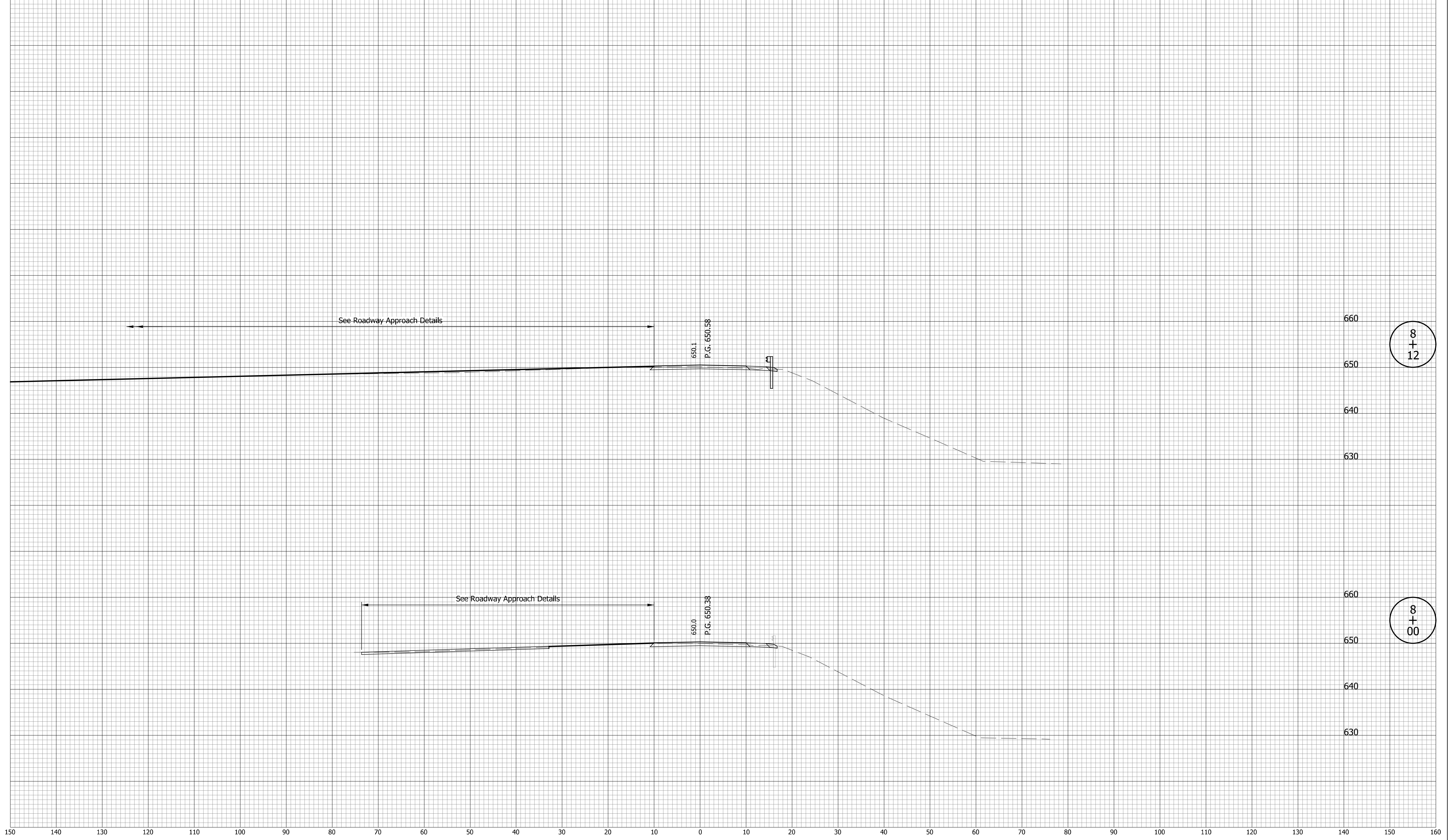
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BNM	DRAWN: BNM	
CHECKED: RTA	CHECKED: RTA	

INDIANA
DEPARTMENT OF TRANSPORTATION

**CROSS SECTIONS
LINE "S-9-Q"**

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'-0"	I65-023-04227B
VERTICAL SCALE	DESIGNATION
1" = 10'-0"	2001603
SURVEY BOOK	SHEETS
ELECTRONIC	10 of 18
CONTRACT	PROJECT
R-41529	1700135

CROSS SECTIONS
Scale: 1 inch = 10 feet



8
+
12

8
+
00

DATE	REVISION

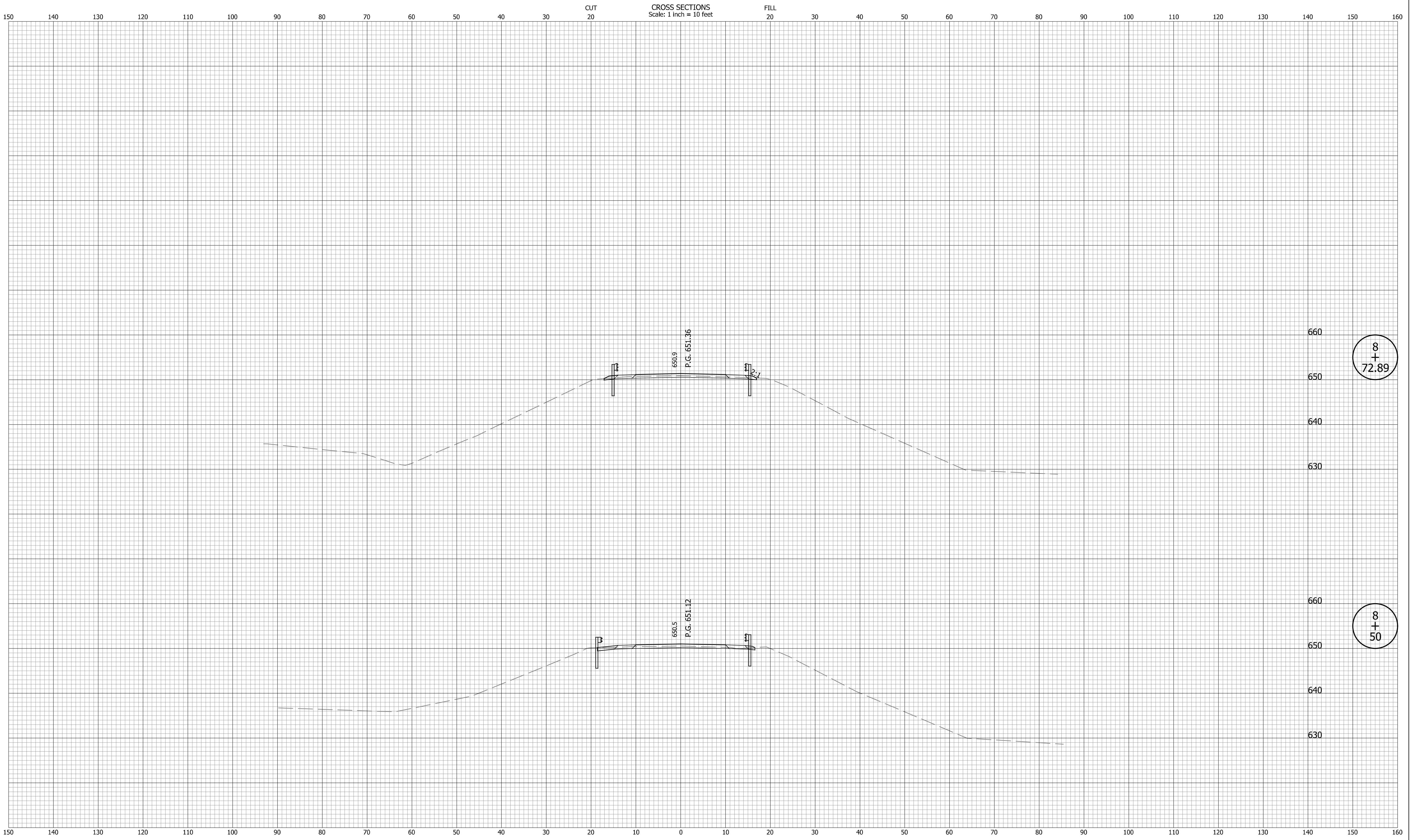
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ BNM	DRAWN: _____ BNM	
CHECKED: _____ RTA	CHECKED: _____ RTA	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
LINE "S-9-Q"**

HORIZONTAL SCALE 1" = 10'-0"	BRIDGE FILE I65-023-04227B
VERTICAL SCALE 1" = 10'-0"	DESIGNATION 2001603
SURVEY BOOK ELECTRONIC	SHEETS 11 of 18
CONTRACT R-41529	PROJECT 1700135

Indiana State



DATE	REVISION

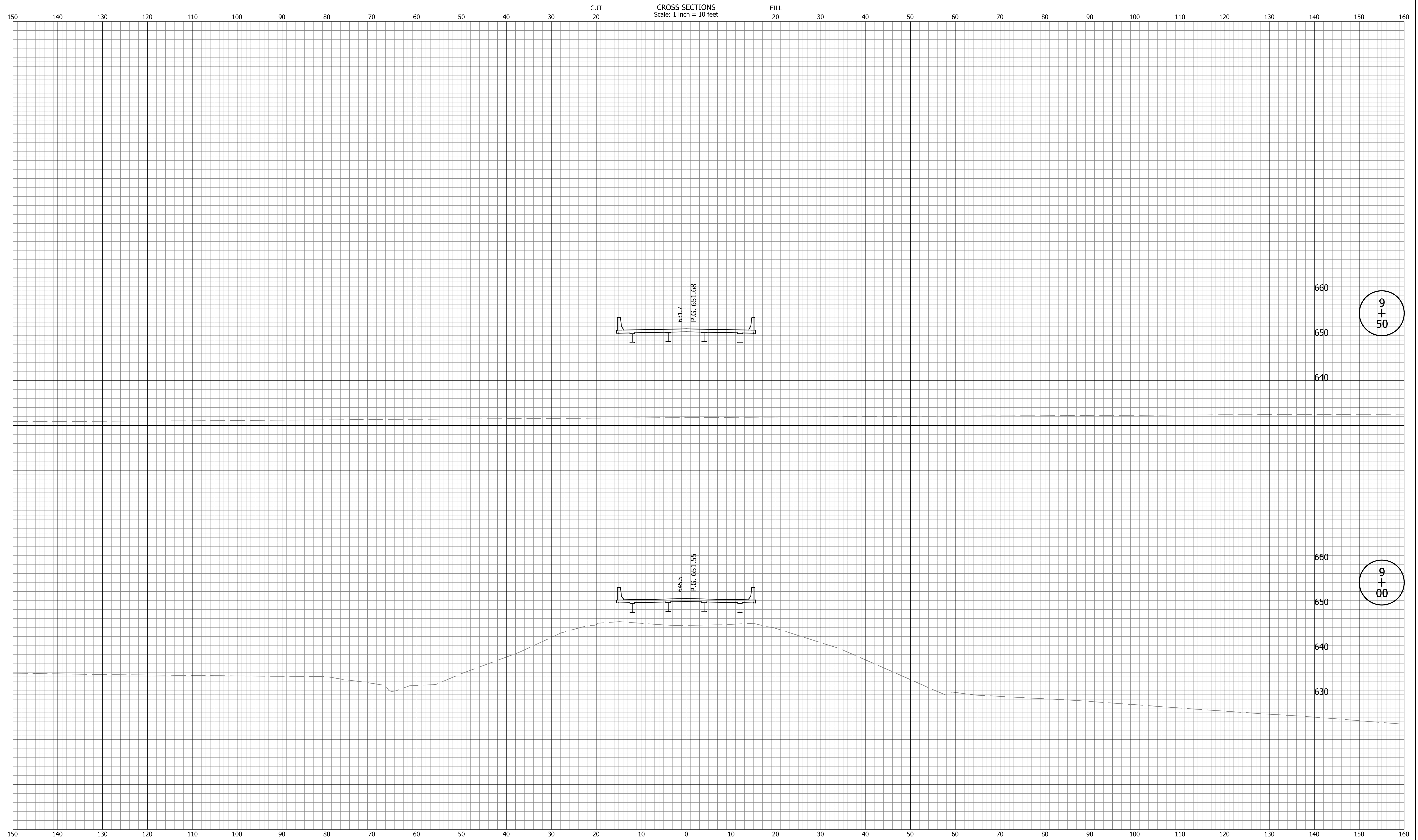
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DESIGNED: _____ BNM _____	DRAWN: _____ BNM _____	
CHECKED: _____ RTA _____	CHECKED: _____ RTA _____	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
LINE "S-9-Q"**

HORIZONTAL SCALE 1" = 10'-0"	BRIDGE FILE I65-023-04227B
VERTICAL SCALE 1" = 10'-0"	DESIGNATION 2001603
SURVEY BOOK ELECTRONIC	SHEETS 12 of 18
CONTRACT R-41529	PROJECT 1700135

Indiana State



DATE	REVISION

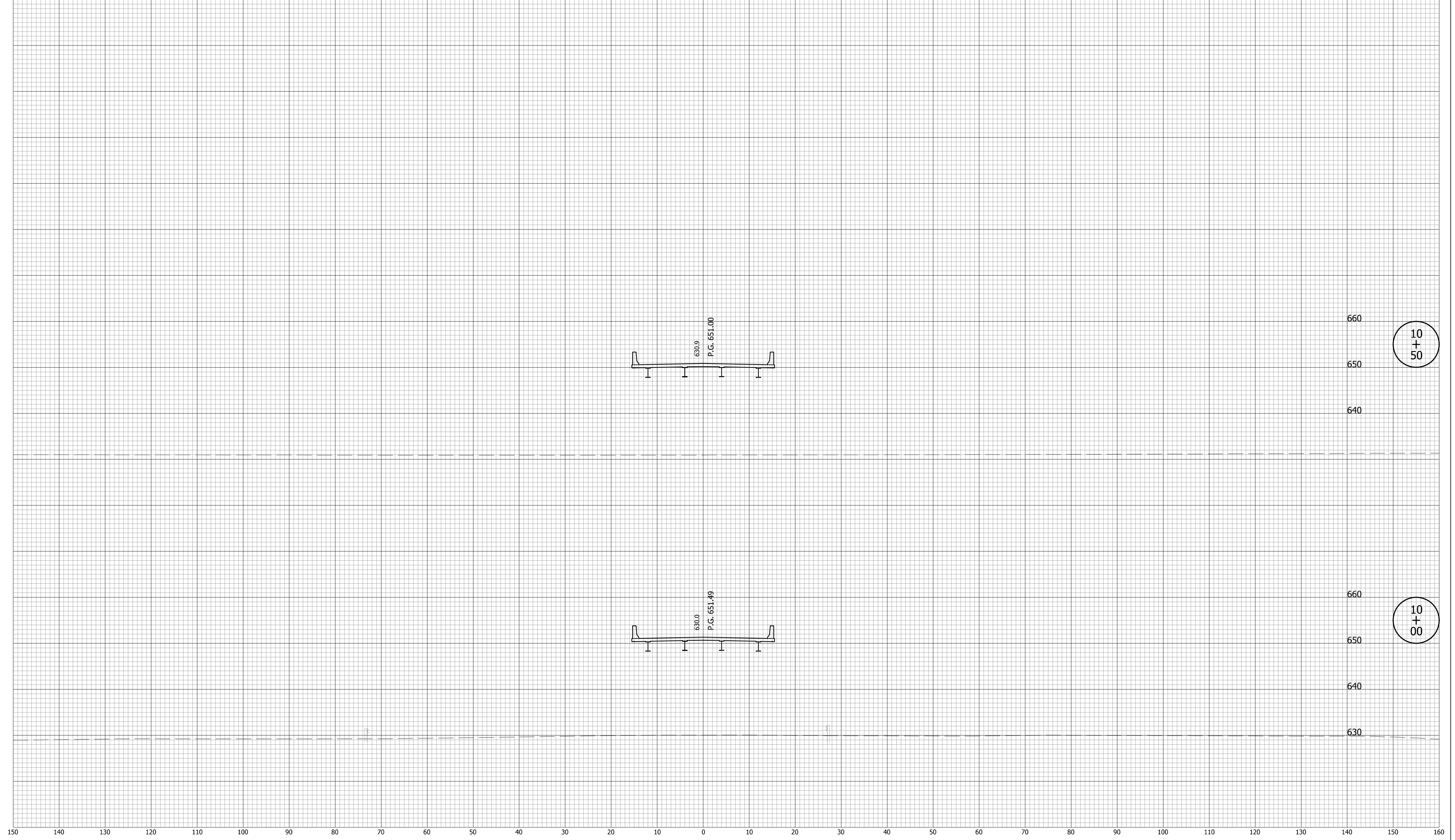
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ BNM	DRAWN: _____ BNM	
CHECKED: _____ RTA	CHECKED: _____ RTA	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
LINE "S-9-Q"**

HORIZONTAL SCALE 1" = 10'-0"	BRIDGE FILE I65-023-04227B
VERTICAL SCALE 1" = 10'-0"	DESIGNATION 2001603
SURVEY BOOK ELECTRONIC	SHEETS 13 of 18
CONTRACT R-41529	PROJECT 1700135

CROSS SECTIONS
Scale: 1 inch = 10 feet



10
+
50

10
+
00

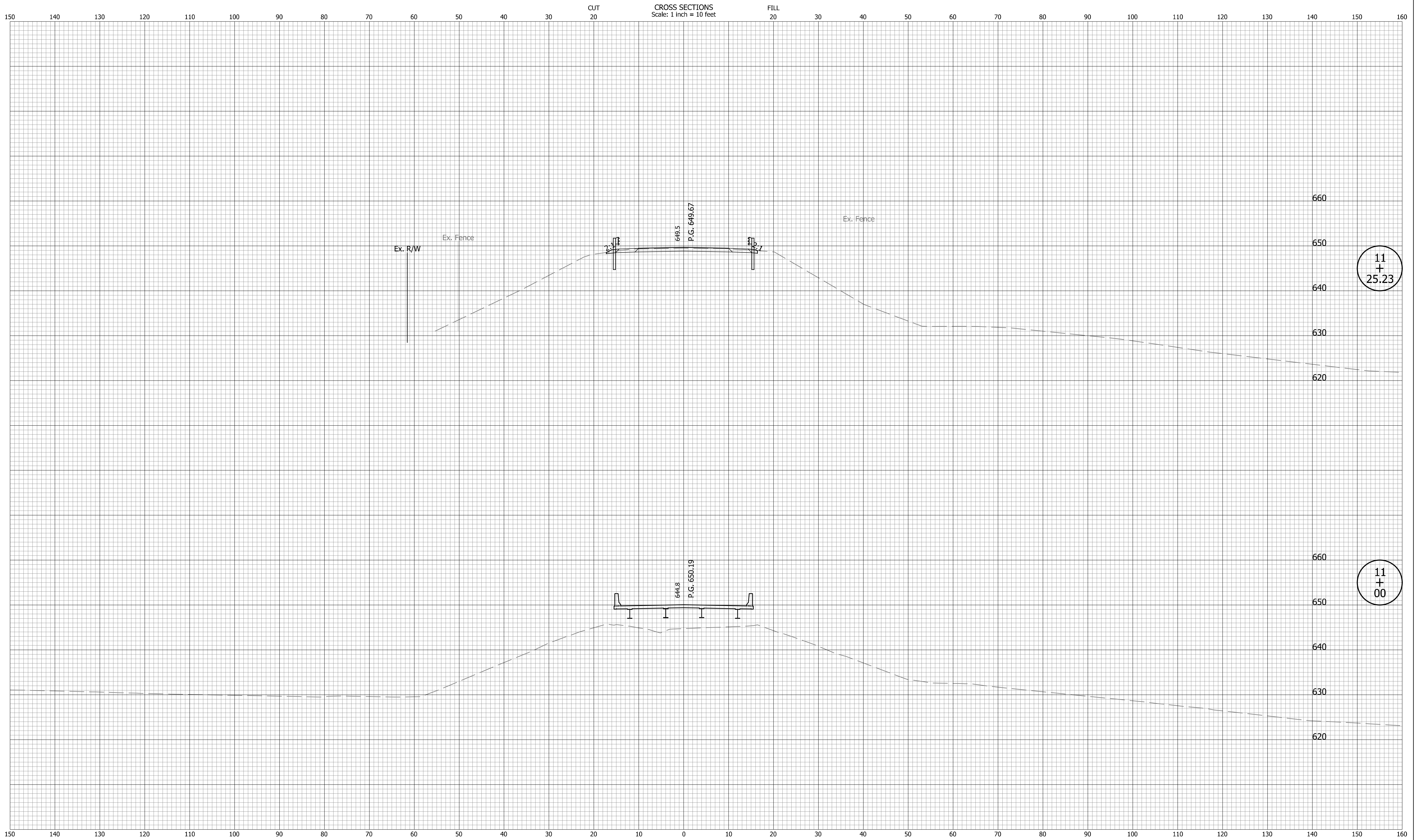
DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BNM	DRAWN: BNM	
CHECKED: RTA	CHECKED: RTA	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
LINE "S-9-Q"**

HORIZONTAL SCALE 1" = 10'-0"	BRIDGE FILE I65-023-04227B
VERTICAL SCALE 1" = 10'-0"	DESIGNATION 2001603
SURVEY BOOK ELECTRONIC	SHEETS 14 of 18
CONTRACT R-41529	PROJECT 1700135



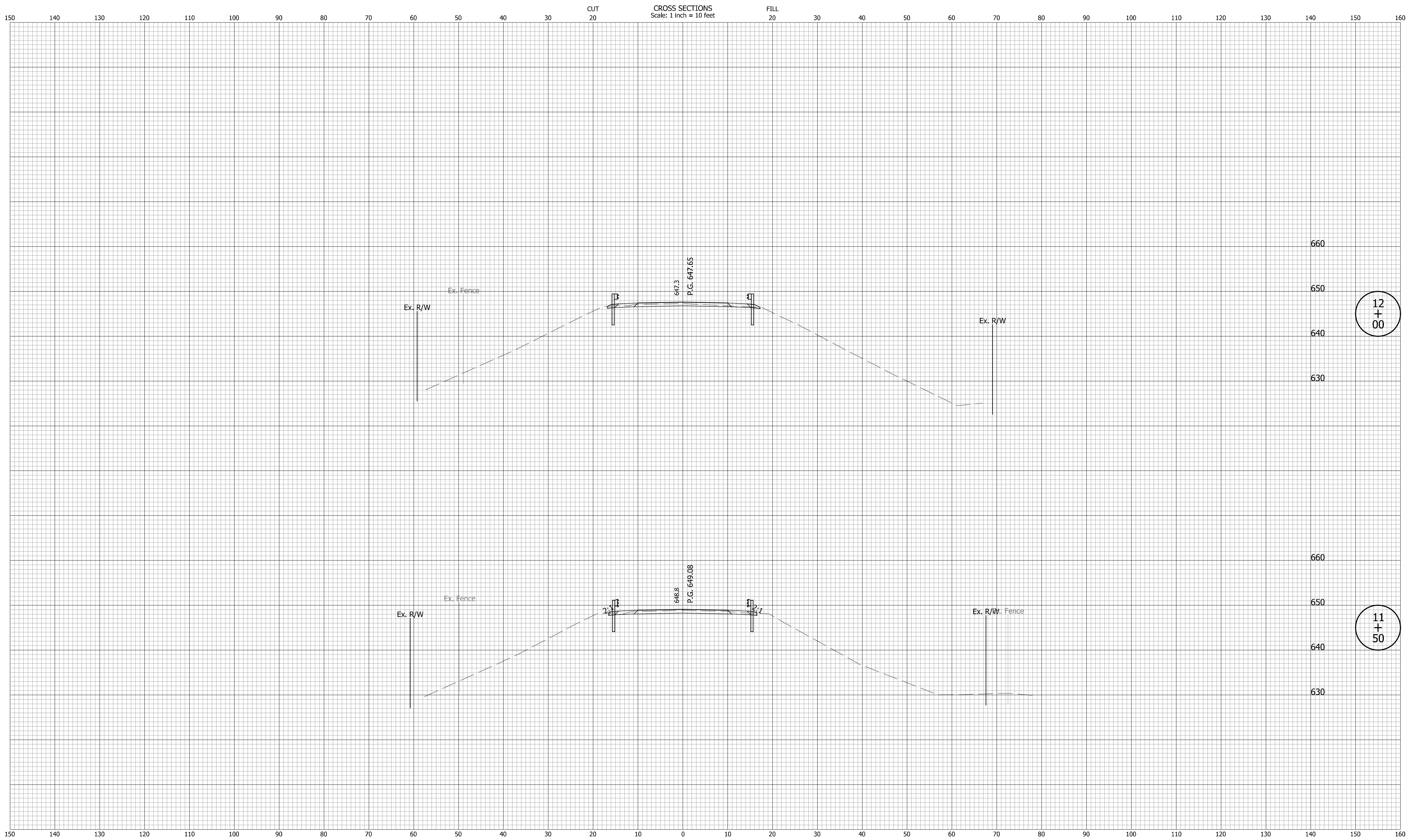
DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BNM	DRAWN: BNM	
CHECKED: RTA	CHECKED: RTA	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "S-9-Q"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'-0"	I65-023-04227B
VERTICAL SCALE	DESIGNATION
1" = 10'-0"	2001603
SURVEY BOOK	SHEETS
ELECTRONIC	15 of 18
CONTRACT	PROJECT
R-41529	1700135



12
+
00

11
+
50

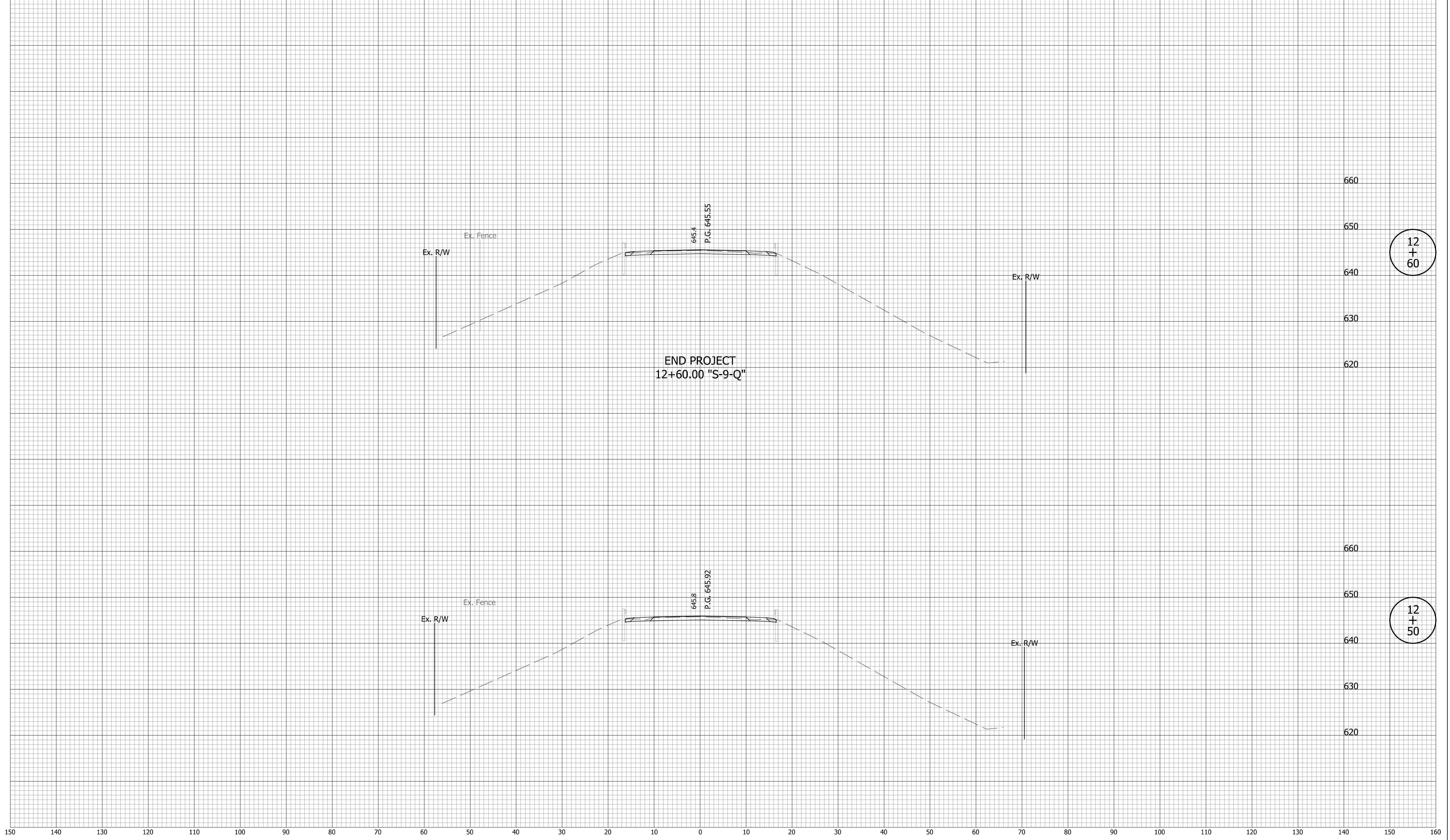
DATE	REVISION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ BNM	DRAWN: _____ BNM	
CHECKED: _____ RTA	CHECKED: _____ RTA	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "S-9-Q"

HORIZONTAL SCALE 1" = 10'-0"	BRIDGE FILE I65-023-04227B
VERTICAL SCALE 1" = 10'-0"	DESIGNATION 2001603
SURVEY BOOK ELECTRONIC	SHEETS 16 of 18
CONTRACT R-41529	PROJECT 1700135



12
+
60

12
+
50

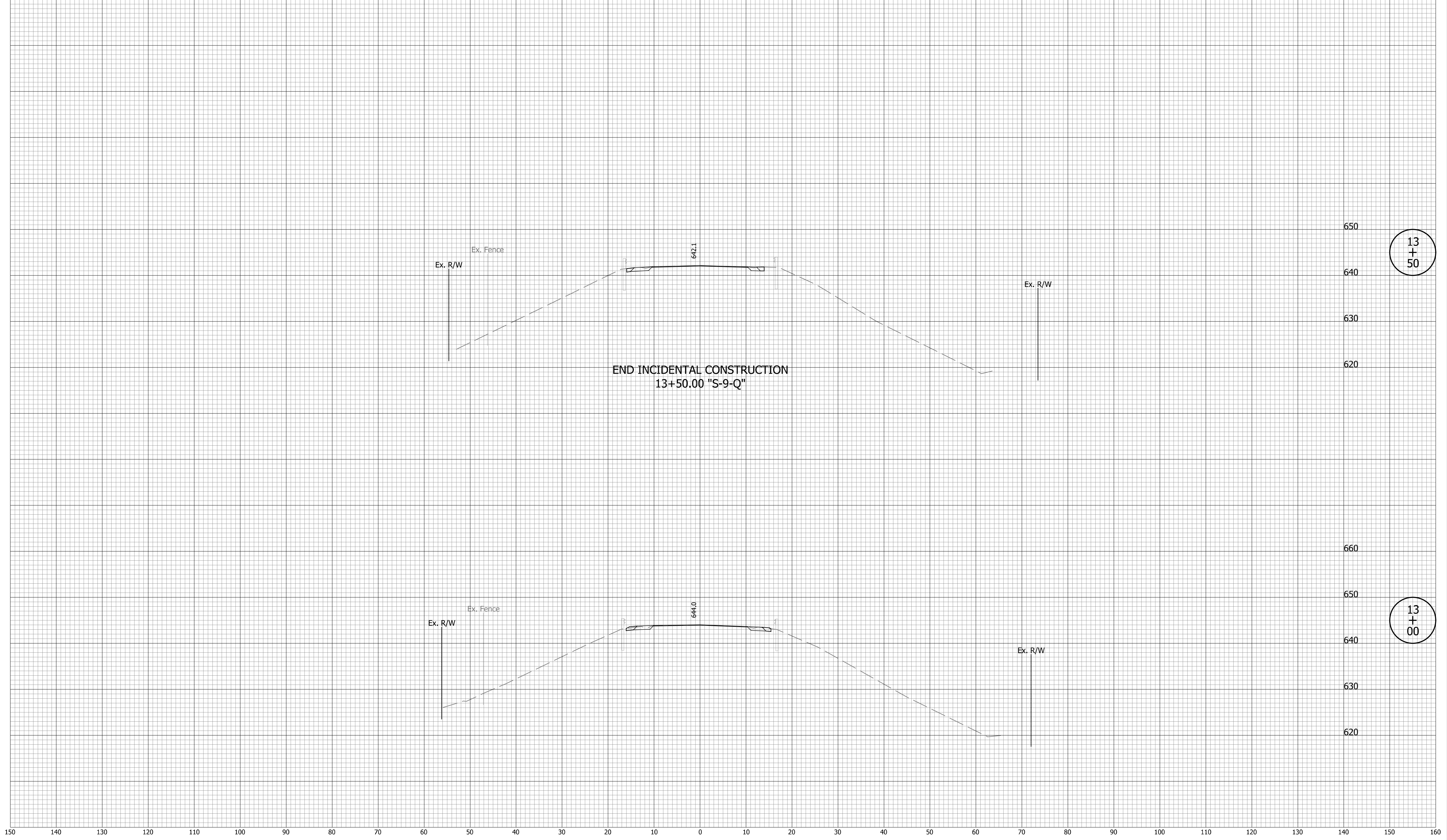
DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: <u>BNM</u>	DRAWN: <u>BNM</u>	
CHECKED: <u>RTA</u>	CHECKED: <u>RTA</u>	

INDIANA
DEPARTMENT OF TRANSPORTATION

**CROSS SECTIONS
LINE "S-9-Q"**

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'-0"	I65-023-04227B
VERTICAL SCALE	DESIGNATION
1" = 10'-0"	2001603
SURVEY BOOK	SHEETS
ELECTRONIC	17 of 18
CONTRACT	PROJECT
R-41529	1700135



13
+
50

13
+
00

DATE	REVISION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: BNM	DRAWN: BNM	
CHECKED: RTA	CHECKED: RTA	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "S-9-Q"

HORIZONTAL SCALE 1" = 10'-0"	BRIDGE FILE I65-023-04227B
VERTICAL SCALE 1" = 10'-0"	DESIGNATION 2001603
SURVEY BOOK ELECTRONIC	SHEETS 18 of 18
CONTRACT R-41529	PROJECT 1700135

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