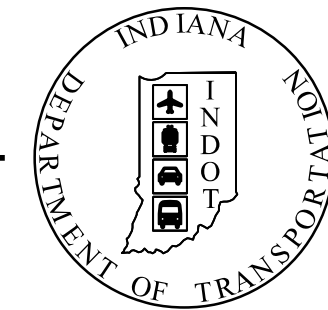


PROJECT	DESIGNATION
2001172	2002114 & 2002115
CONTRACT	BRIDGE FILE
R-42909	I65-177-02402 CNBL & JDSBL

INDIANA DEPARTMENT OF TRANSPORTATION



STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
I65-177-02402 CNBL I65-177-02402 JDSBL	CONTINUOUS COMPOSITE STEEL BEAM BRIDGE	02402 CNBL 6 SPANS: 50', 70', 70', 90', 105' & 90' 02402 JDSBL 6 SPANS: 50', 80.5', 80.5', 90', 105' & 90' SKEW: 14°46'00" LT. TO TANGENT	CSX R.R., 9TH STREET, BURNETTS CREEK & WABASH TRAIL	876+17.25

KIN PROJECT INFORMATION		
DESIGNATION	PROJECT DESCRIPTION	
	ROAD	
2001172	ADDED TRAVEL LANES FROM 1.54 MILES NORTH OF SR 25 TO 2.46 MILES NORTH OF SR 43	LEAD DES.
	BRIDGE	
2002114	I-65 NB OVER CSX R.R., 9TH STREET, AND BURNETTS CREEK	
2002115	I-65 SB OVER CSX R.R., 9TH STREET, AND BURNETTS CREEK	
1601088	I-65 NB OVER SR 43	
1601090	I-65 SB OVER SR 43	
2002116	I-65 NB OVER PROPHETS ROCK ROAD	
2002117	I-65 SB OVER PROPHETS ROCK ROAD	
2002364	CR 725 N OVER I-65	

BRIDGE REHABILITATION PLANS

FOR SPANS OVER 20 FEET

ROUTE: I-65 AT: RP 177+32

PROJECT NO. 2001172 P.E. CONST.

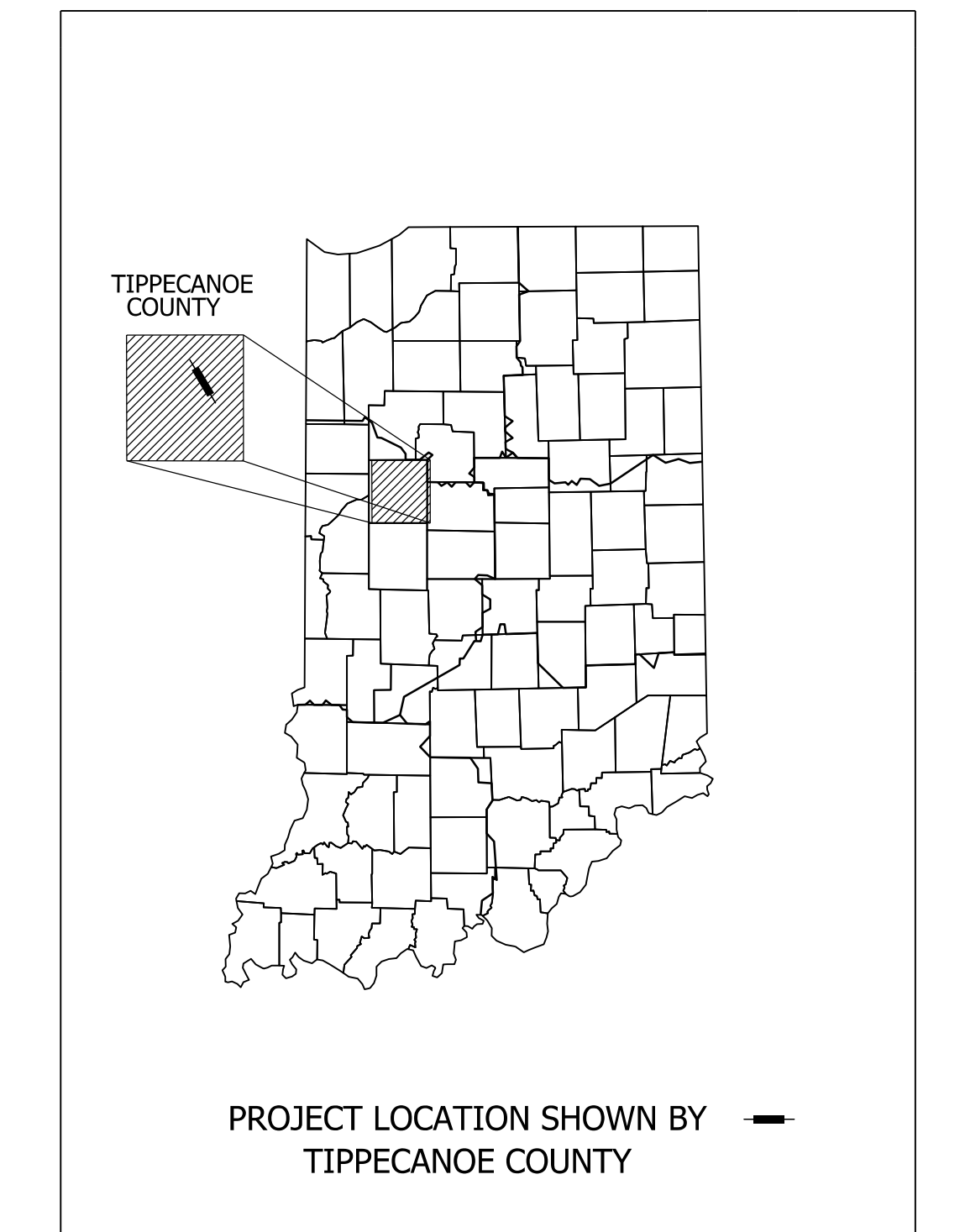
NO ADDITIONAL RIGHT-OF-WAY
REQUIRED FOR THIS PROJECT

BRIDGE DECK REPLACEMENT, WIDENING AND SUPERSTRUCTURE REHABILITATION ON
STRUCTURE I65-177-02402 BNBL AND STRUCTURE I65-177-02402 JCSBL.
THE STRUCTURES ARE LOCATED ON INTERSTATE 65 (I-65) APPROXIMATELY 1.15 MILES NORTH
OF THE STATE ROAD (SR) 25 INTERCHANGE. IN SECTION 27 TOWNSHIP 24 N, RANGE 4 WEST
IN TIPPECANOE TOWNSHIP, TIPPECANOE COUNTY, INDIANA.

RR COORDINATION PLAN SUBMITTAL
JANUARY 13, 2021

TRAFFIC DATA		
		I-65
A.A.D.T.	(2024)	47,400 V.P.D.
A.A.D.T.	(2044)	56,670 V.P.D.
D.H.V.	(2044)	4,690 V.P.H.
DIRECTIONAL DISTRIBUTION		50 %
TRUCKS		38 % A.A.D.T. 23 % D.H.V.

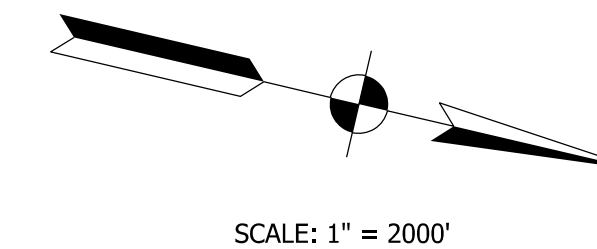
DESIGN DATA	
DESIGN SPEED	65 M.P.H.
PROJECT DESIGN CRITERIA	RECONSTRUCTION (FREEWAY)
FUNCTIONAL CLASSIFICATION	INTERSTATE
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	FULL



LATITUDE: 40°29'31" N LONGITUDE: 86°51'36" W

BRIDGE LENGTH: 0.095 MI.
ROADWAY LENGTH: SEE ROADWAY PLANS MI.
TOTAL LENGTH: SEE ROADWAY PLANS MI.
MAX. GRADE: 2.16 %

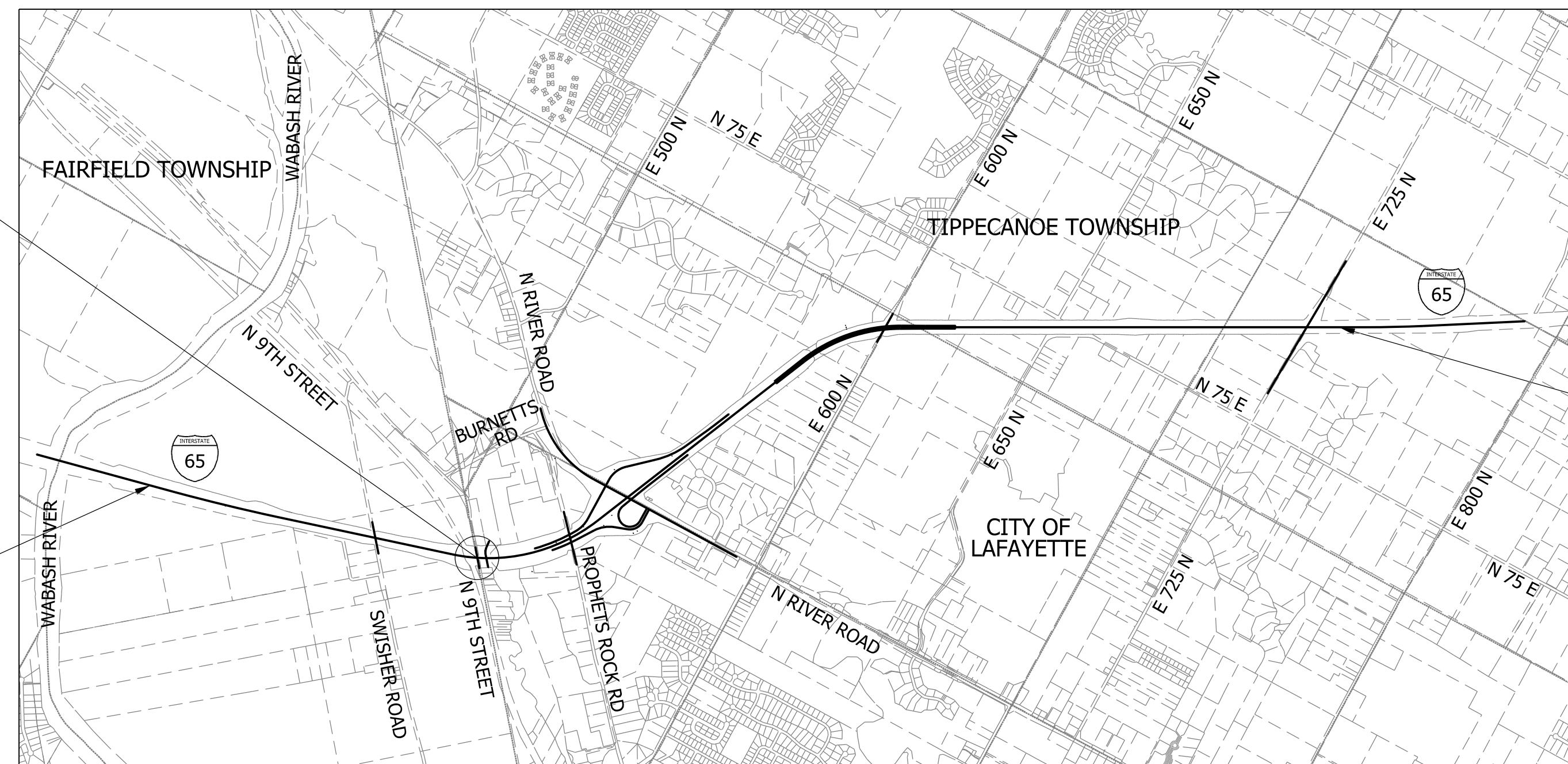
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BRIDGE FILE NO.
I65-177-02402 CNBL
I65-177-02402 JDSBL
I-65 OVER CSX R.R., 9TH STREET
AND BURNETTS CREEK

BEGIN PROJECT
PROJECT NO. 2001172
STA. 822+25.00
LINE "PR-A"

END PROJECT
PROJECT NO. 2001172
STA. 1036+03.00
LINE "PR-A"



LOCATION MAP
TIPPECANOE COUNTY

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



HNTB Indiana, Inc.
The HNTB Companies
Infrastructure Solutions
111 Monument Circle
Suite 1200
Indianapolis, IN 46204

DRAFT
NOT FOR CONSTRUCTION

PLANS PREPARED BY: HNTB Indiana, Inc. (317) 636-4682
PHONE NUMBER
CERTIFIED BY: DATE
APPROVED FOR LETTING: INDIANA DEPARTMENT OF TRANSPORTATION DATE

BRIDGE FILE		
I65-177-02402 CNBL & JDSBL		
DESIGNATION		
2002114 & 2002115		
SURVEY BOOK	SHEETS	TI-01
ELECTRONIC	1 of	30
CONTRACT		PROJECT
R-42909		2001172

SHEET INDEX

SHEET NO.	DWG NO.	DESIGNATION
1	TI-01	TITLE SHEET
2	IN-01	INDEX
3 - 6	TS-01, TS-02, TS-04, TS-07	TYPICAL CROSS SECTIONS I-65 LINE "PR-A"
7 - 8	MT-03 - MT-04	MAINTENANCE OF TRAFFIC CROSS SECTIONS
9 - 12	PLN-04, PRF-04, PLN-05, PRF-05	PLAN AND PROFILE LINE "PR-A"
13 - 14	LY-01 - LY-02	LAYOUT
15 - 21	GP-01 - GP-07	GENERAL PLAN
22	MS-01	MISCELLANEOUS DETAILS
23 - 30	XS34 - XS41	ROAD CROSS SECTIONS I-65 LINE "PR-A"

<p>American Suburban Utilities, Inc. Tammy Grandstaff 765-463-3856 inbox@asucorp.com 3350 W. 250 N. West Lafayette, IN 47906</p>	<p>Indiana Dataline Corp. (TIPMONT) Mike Wehr 765-269-8510 mike@indianadataline.com 427 N. 6th Street, Suite C Lafayette, IN 47901</p>	<p>Tipmont R.E.M.C. Joe Kline 765-426-6170 jkline@tipmont.org PO Box 20 Linden, IN 47955</p>
<p>Town of Battle Ground (Water) Dan Gemmecke 765-467-4020 water@battleground.in.gov 100 College Street Battle Ground, IN 47920</p>	<p>Lumen / Centurylink (CTLCL) / Level 3 John Urverferth 419-226-6342 relocations@lumen.com 944 S. Central Avenue Lima, OH 45804</p>	<p>Tipmont R.E.M.C. Fiber Joe Kline 765-426-6170 jkline@tipmont.org PO Box 20 Linden, IN 47955</p>
<p>Town of Battle Ground (Sanitary Sewer) Ron Holladay 765-467-4002 ron@battleground.in.gov 100 College Street Battle Ground, IN 47920</p>	<p>MCI / Verizon Ronald Kocienski 518-424-3950 ronald.kocienski@verizon.com 720 W. Henry Street Indianapolis, IN 46225</p>	<p>Vectren (Transmission) Barry Knowles 812-463-8202 barry.knowles@centerpointenergy.com 16000 Allisonville Road Noblesville, IN 46061</p>
<p>Comcast Cable John Gayday 317-516-2318 john.gayday@comcast.com 720 Taylor Street Fort Wayne, IN 46802</p>	<p>Indiana American Water Matt Hobbs 317-402-1561 matt.hobbs@amwater.com 153 N. Emerson Avenue Greenwood, IN 46143</p>	<p>Vectren (Distribution) Steven Neal 765-449-5673 steven.neal@centerpointenergy.com 16000 Allisonville Road Noblesville, IN 46061</p>
<p>Duke Energy Cindy Rowland 317-776-5341 del-dline-coord@duke-energy.com</p>		<p>City of West Lafayette David Henderson 765-775-5149 dhenderson@westlafayette.in.gov 500 S. River Rd West Lafayette, IN 47906</p>
<p>Frontier Chuck McKean 219-531-6947 chuck.mckean@fr.com 2401 Chicago Street Valparaiso, IN 46383</p>		



REVISIONS

SHEET NO.	DATE	REVISED

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RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: MEW	DRAWN: CLF	
CHECKED: JJO	CHECKED: JJO	

INDIANA
DEPARTMENT OF TRANSPORTATION

INDEX

SCALE	BRIDGE FILE
N/A	165-177-02402 CNBL & JDSBL
VERTICAL SCALE	DESIGNATION
N/A	2002114 & 2002115
SURVEY BOOK	SHEETS IN-01
ELECTRONIC	2 of 30
CONTRACT	PROJECT
R-42909	2001172

CONSTRUCTION LEGEND

PCCP Alternate-Bid Pavement Design (Preliminary)

- (A) Full Depth PCCP Pavement Design - I-65 Travel Lanes and Shoulders
 QC/QA-PCCP, 11 in. (Widened Slab 2 ft into Outside Shoulder) with D-1 Joints Spaced at 16 ft with 1 1/2 in. Diameter Dowel Bars Spaced at 12 in. on
 Drainage Layer Consisting of:
 300 lb/Syd QC/QA-HMA, 4, 76, Intermediate, OG 19.0mm on
 Separation Layer Consisting of:
 6" of Compacted Aggregate, No. 53 on
 Geotextile for Subgrade, Type 2B on
 Subgrade Treatment, Type 1B (12 in. Chemical Modification & 14 in. Foundation Soil Stabilization with Cement)

HMA Alternate-Bid Pavement Design (Preliminary)

- (K1) Full Depth HMA Pavement Design - I-65 Travel Lanes Including 2 ft Into Outside Shoulders
 165 #/Syd. QC/QA-HMA, 4, 76, Surface, 12.5mm - SMA on
 275 #/Syd. QC/QA-HMA, 4, 76, Intermediate, 12.5mm - SMA on
 1100 #/Syd. QC/QA-HMA, 4, 64, Base, 25.0mm on
 Drainage Layer Consisting of:
 300 #/Syd. QC/QA-HMA, 4, 76, Intermediate, OG 19.0mm on
 Separation Layer Consisting of:
 6 in. of Compacted Aggregate, No. 53 on
 Geotextile for Subgrade, Type 2B on
 Subgrade Treatment, Type 1B (12 in. Chemical Modification & 14 in. Foundation Soil Stabilization with Cement)

- (K2) Full Depth HMA Pavement Design - I-65 Shoulders Excluding 2 ft Adjacent to Outside Travel Lane
 165 #/Syd. QC/QA-HMA, 3, 70, Surface, 12.5mm on
 275 #/Syd. QC/QA-HMA, 2, 64, Intermediate, 12.5mm on
 1100 #/Syd. QC/QA-HMA, 2, 64, Base, 25.0mm on
 Drainage Layer Consisting of:
 300 #/Syd. QC/QA-HMA, 4, 76, Intermediate, OG 19.0mm on
 Separation Layer Consisting of:
 6 in. of Compacted Aggregate, No. 53 on
 Geotextile for Pavement, Type 2B on
 Subgrade Treatment, Type 1B (12 in. Chemical Modification & 14 in. Foundation Soil Stabilization with Cement)

- (K3) 165 #/Syd. QC/QA-HMA, 2, 64, Surface, 9.5mm on
 495 #/Syd. QC/QA-HMA, 2, 64, Base, 25.0mm on
 4 in. of Compacted Aggregate, No. 53 on
 Subgrade Treatment, Type 1C

- (C1) Milled HMA Corrugations, Conventional

- (C2) Milled PCCP Corrugations, Conventional

- (N) Compacted Aggregate, No. 53

- (R) Seeding

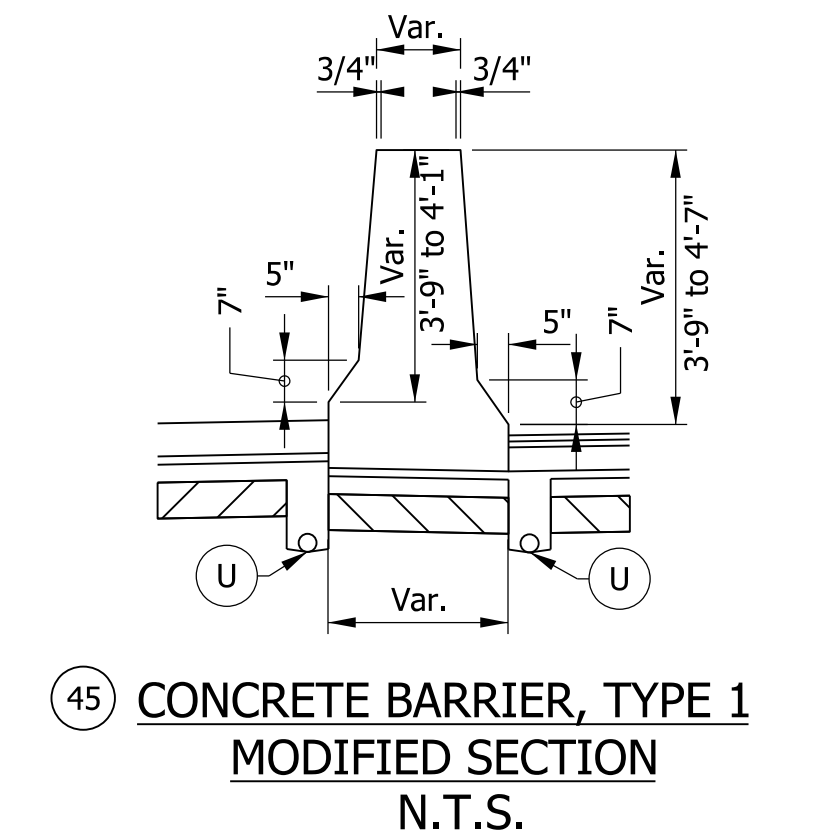
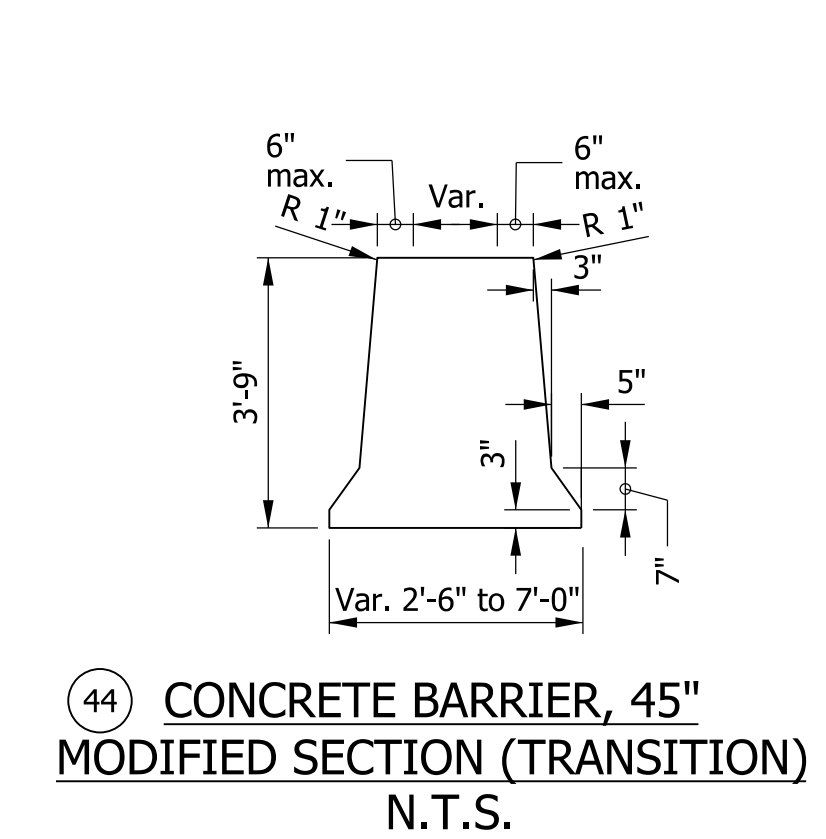
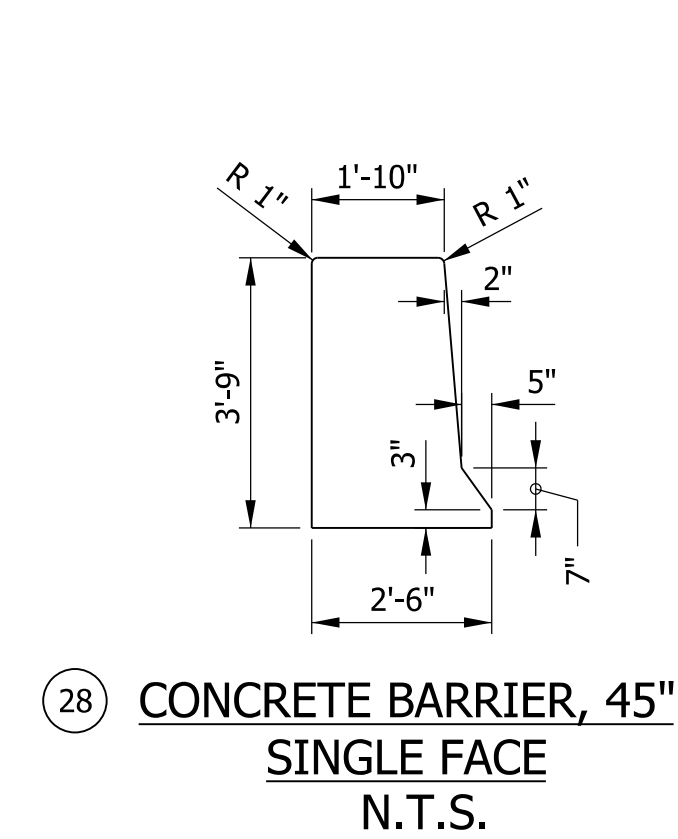
- (R1) 165 #/Syd. QC/QA-HMA, 2, 64, Surface 9.5 mm on Milling, Asphalt 1 1/2 in.

- (S) Saw Cut Full Depth

- (U) 6 In. Underdrain

- (X) Longitudinal Construction Joint

- (21) Concrete Barrier (45")
 (27) Sodding
 (28) Concrete Barrier, Modified Section (45", Single Face)
 (29) Guardrail Double faced Thrie Beam
 (30) Guardrail MGS W-Beam
 (43) Slopewall, Concrete, 4 In.
 (44) Concrete Barrier, Modified Section (Transition)
 (45) Concrete Barrier, Modified Section
 (50) High-Tension Cable-Barrier System



HATCHING LEGEND

- Exist. Composite Pavement Removal (to be Paid for as Pavement Removal)

FOR INFORMATION ONLY
 SEE ROAD PLANS, GRADE REVIEW SUBMITTAL

NOTE TO REVIEWER:
 This is a Pavement Alternate Bid Contract. Preliminary pavement designs for Line "PR-A" based on final approved pavement designs used for Des. No. 1802958/Contract No. R-41849 (I-65 ATL Project Near Lebanon). Final pavement designs to be completed in a future submittal.

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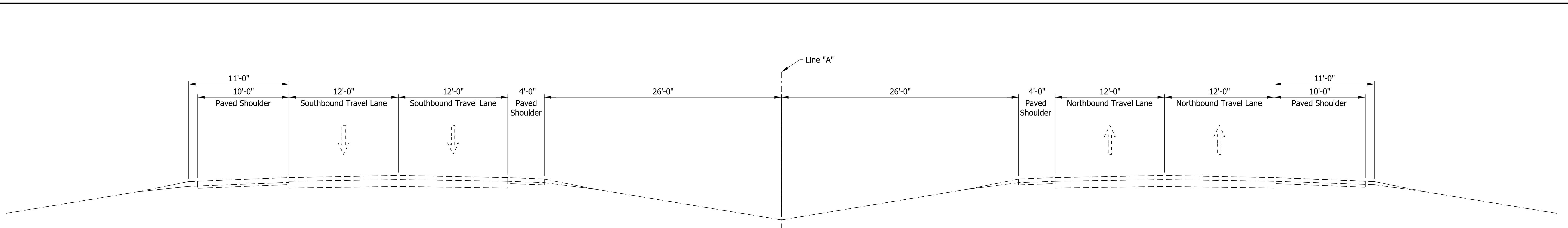
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DESIGNED: _____ DCK _____	DRAWN: _____ DCK _____	
CHECKED: _____ MKM _____	CHECKED: _____ MKM _____	

INDIANA
 DEPARTMENT OF TRANSPORTATION

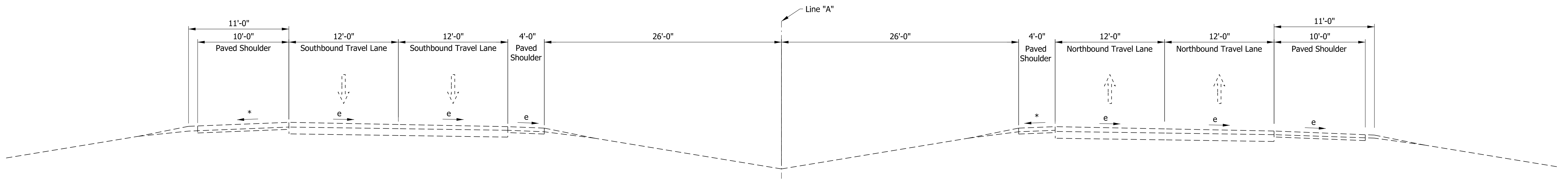
TYPICAL CROSS SECTIONS
 I-65 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
3/16"=1'-0"	165-177-02402 CNBL & JDSBL
VERTICAL SCALE	DESIGNATION
N/A	2002114 & 2002115
SURVEY BOOK	SHEETS
ELECTRONIC	3 of 30
CONTRACT	PROJECT
R-42909	2001172

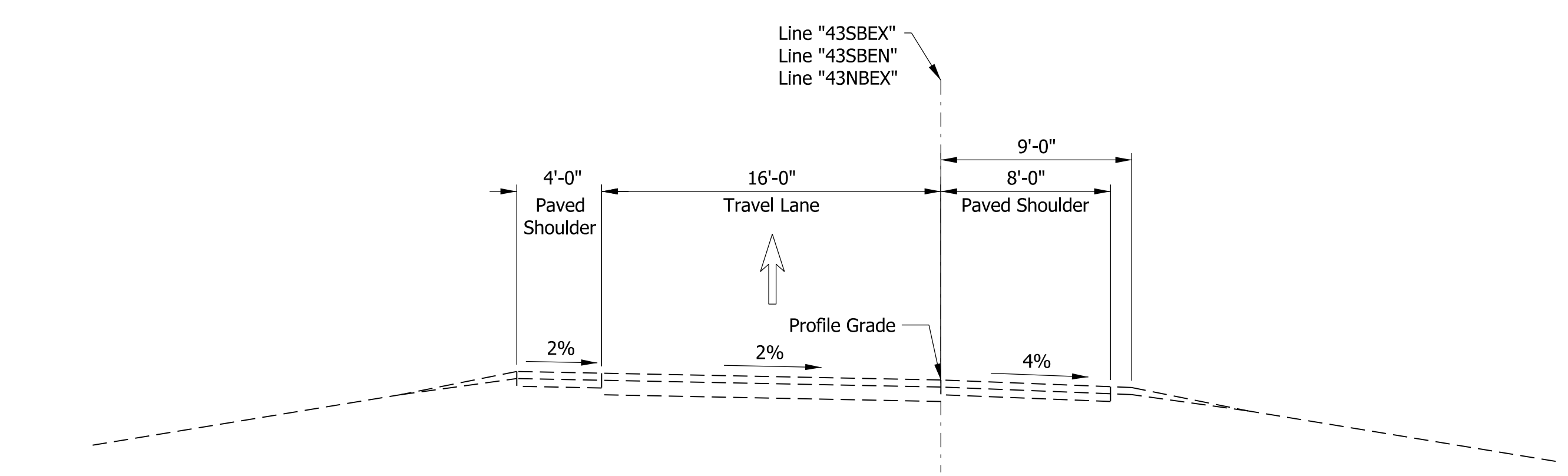
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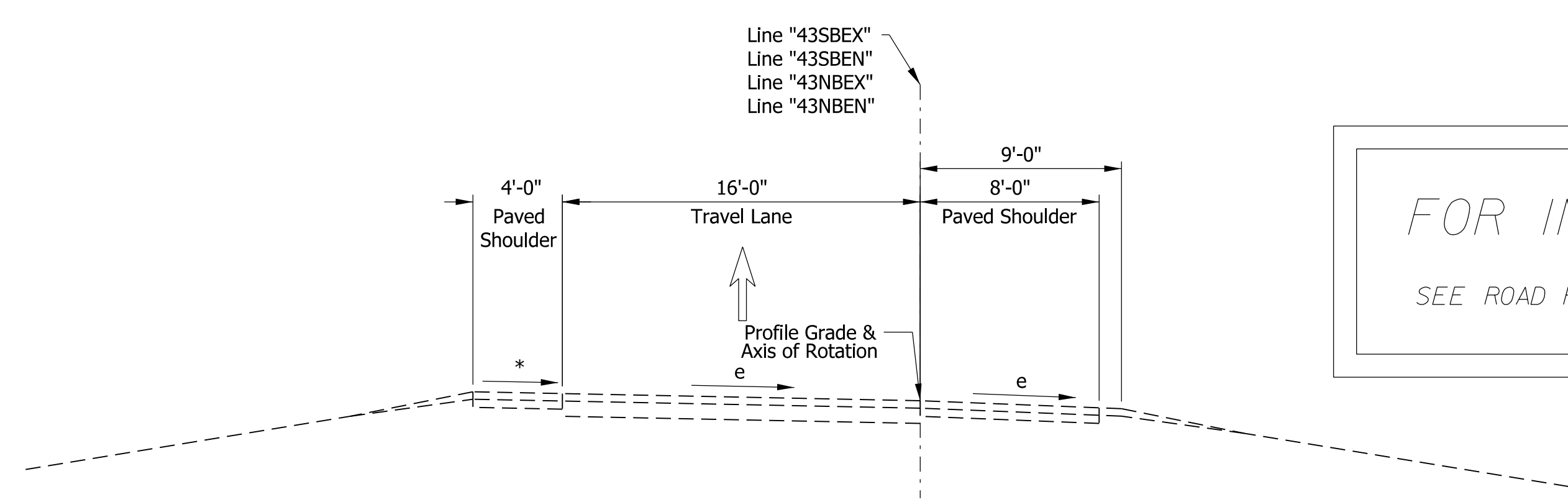
EXISTING I-65 TYPICAL SECTION



EXISTING I-65 TYPICAL SECTION IN SUPERELEVATION



EXISTING I-65 RAMP TYPICAL SECTION



EXISTING I-65 RAMP TYPICAL SECTION IN SUPERELEVATION

FOR INFORMATION ONLY
SEE ROAD PLANS, GRADE REVIEW SUBMITTAL

- Notes:
1. See DET-01 for Legend.
 2. See TS-XX for Safety Edge and Underdrain Details.
 3. See Landscaping plans for seeding information.

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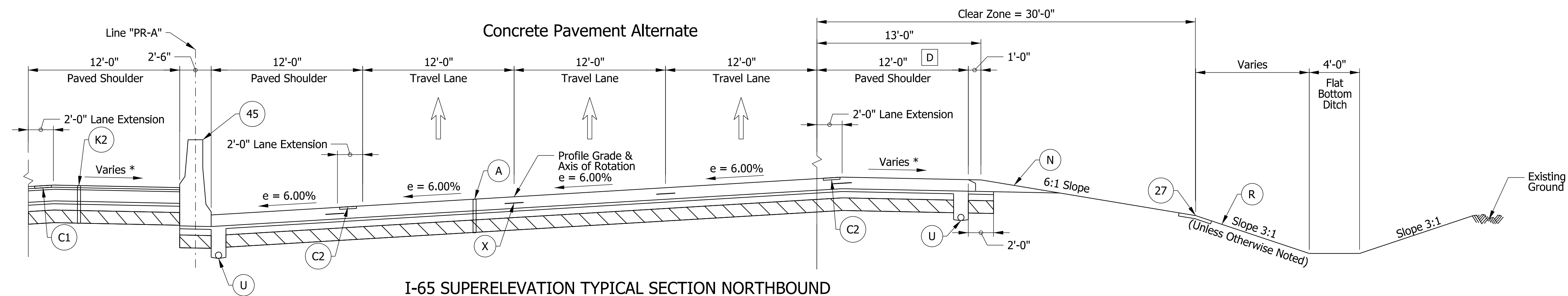
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RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ DCK _____	DRAWN: _____ DCK _____	
CHECKED: _____ MKM _____	CHECKED: _____ MKM _____	

INDIANA
DEPARTMENT OF TRANSPORTATION

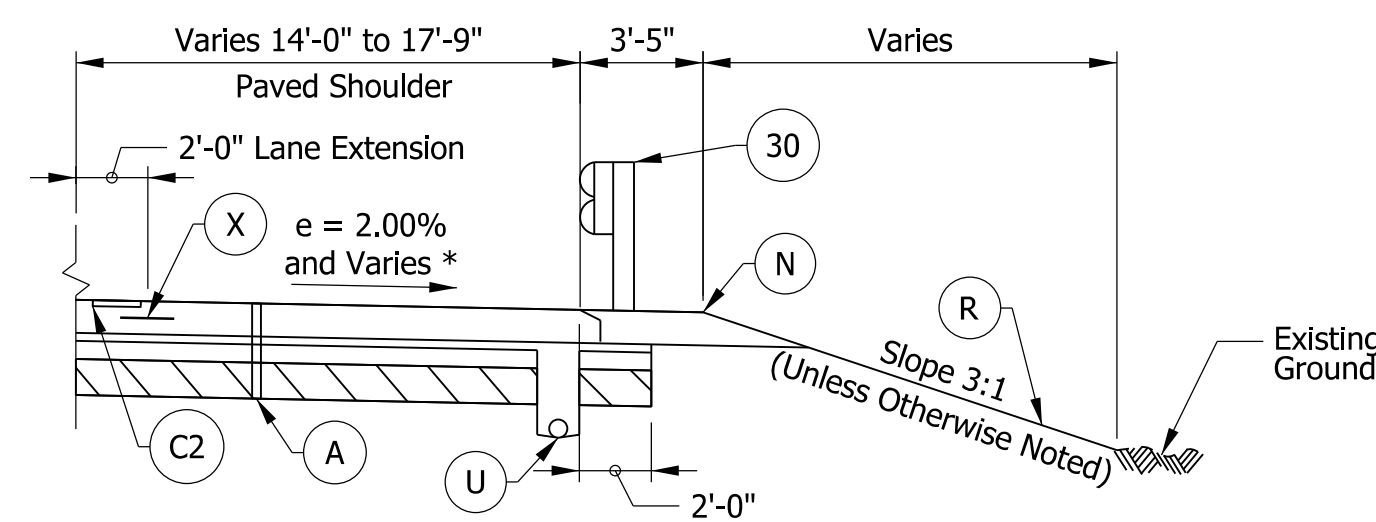
TYPICAL CROSS SECTIONS
I-65 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
3/16"=1'-0"	I65-177-02402 CNBL & JDSBL
VERTICAL SCALE	DESIGNATION
N/A	2002114 & 2002115
SURVEY BOOK	SHEETS
ELECTRONIC	4 of 30
CONTRACT	PROJECT
R-42909	2001172



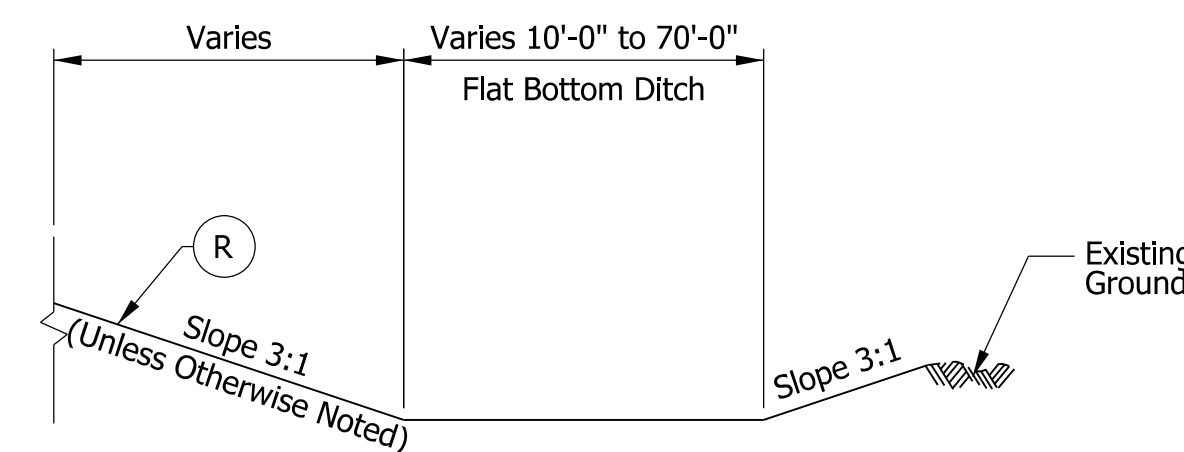
I-65 SUPERELEVATION TYPICAL SECTION NORTHBOUND

A STA. 867+17.00 "PR-A" to STA. 873+15.76 "PR-A"
 STA. 878+87.58 "PR-A" to STA. 892+50.89 "PR-A"
 STA. 894+26.50 "PR-A" to STA. 903+41.00 "PR-A"



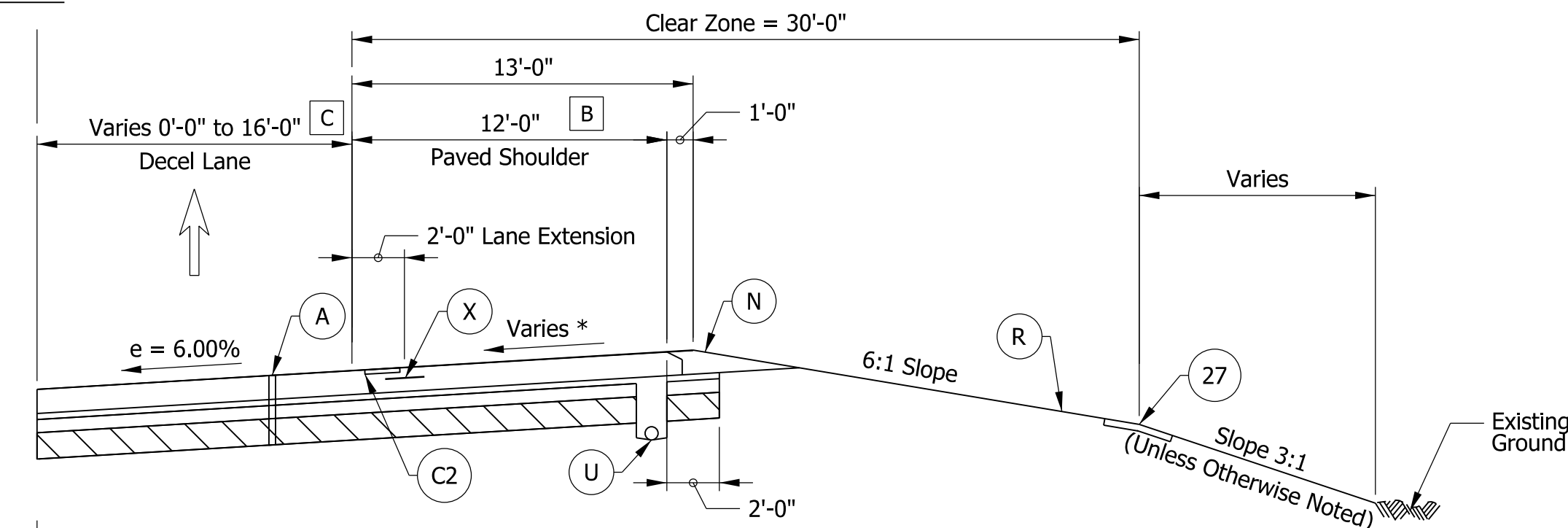
NB GUARDRAIL AND OUTSIDE SHOULDER DETAIL

STA. 870+45.03 "PR-A" to STA. 873+15.76 "PR-A"
 STA. 888+73.91 "PR-A" to STA. 892+50.89 "PR-A"



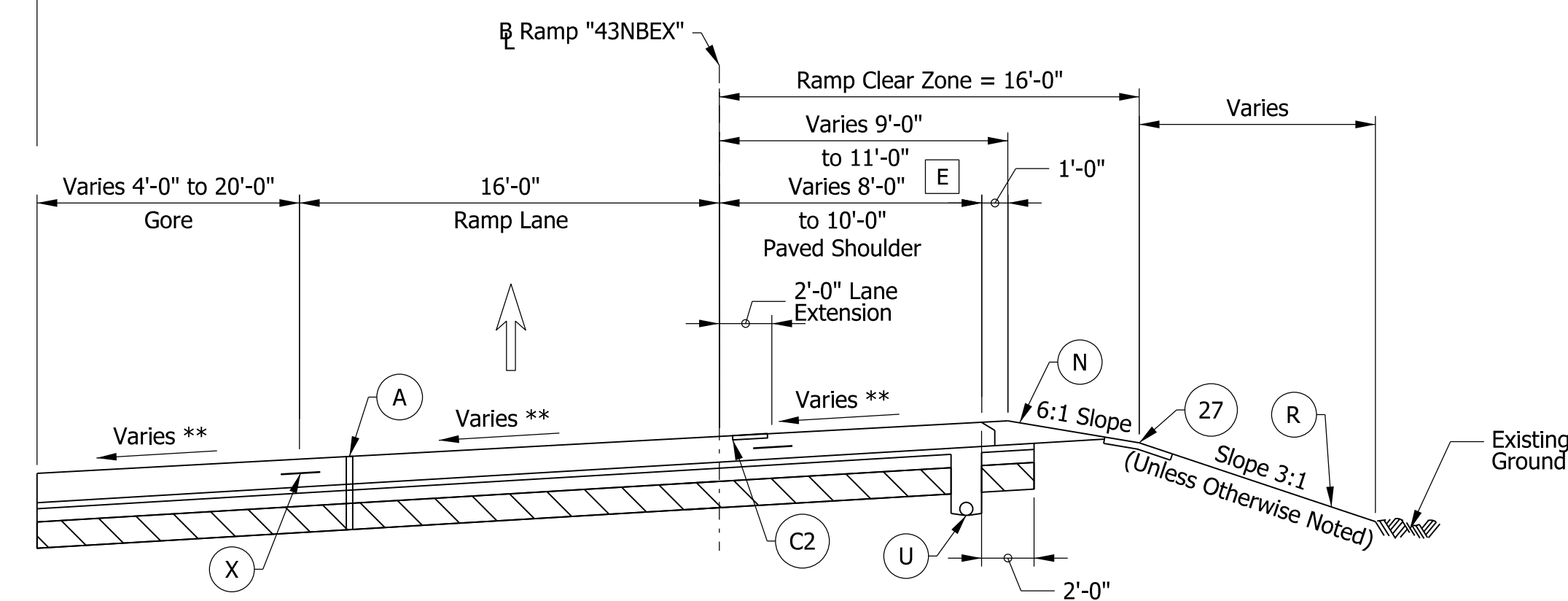
OUTSIDE WIDE DITCH DETAIL

STA. 886+00.00 "PR-A" to STA. 889+00.00 "PR-A" NB



DECCELERATION LANE - I-65 NORTHBOUND AT SR 43

STA. 885+70.00 "PR-A" to STA. 892+07.73 "PR-A"



EXIT RAMP GORE SECTION - I-65 NORTHBOUND AT SR 43

STA. 892+07.73 "PR-A" to STA. 892+50.89 "PR-A"
 STA. 894+26.50 "PR-A" to STA. 896+10.44 "PR-A"

- A NB Bridge Paving Exception from STA. 873+15.76 "PR-A" to STA. 878+87.58 "PR-A"
 NB Bridge Paving Exception from STA. 892+50.89 "PR-A" to STA. 894+26.50 "PR-A"
- B Width varies at bridge approaches. Shoulder widening at 15:1 taper rate.
 See Construction Detail sheets for detailed dimensions.
- C See Construction Detail sheets for limits of acceleration and deceleration lanes
 and taper limits.
- D Width varies from 12'-0" to 16'-1.5" from STA. 878+87.58 "PR-A" to STA. 879+65.00 "PR-A"
- E Width varies from 12'-0" to 12'-11.5" from STA. 894+26.50 "PR-A" to STA. 894+63.05 "PR-A"

FOR INFORMATION ONLY
 SEE ROAD PLANS, GRADE REVIEW SUBMITTAL

Notes:

- 1. See DET-01 for Legend.
- * Max rollover between shoulder and travel lane not to exceed 8%.
 See Superelevation Detail for transition information
- ** Slope varies. See Gore Details.

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NOTE TO REVIEWER:

Pavement design assumed to be asphalt for estimating purposes. Pavement design to be approved in a future submittal.

NOTE TO REVIEWER:

Safety Edge detail to be provided in a future submittal.

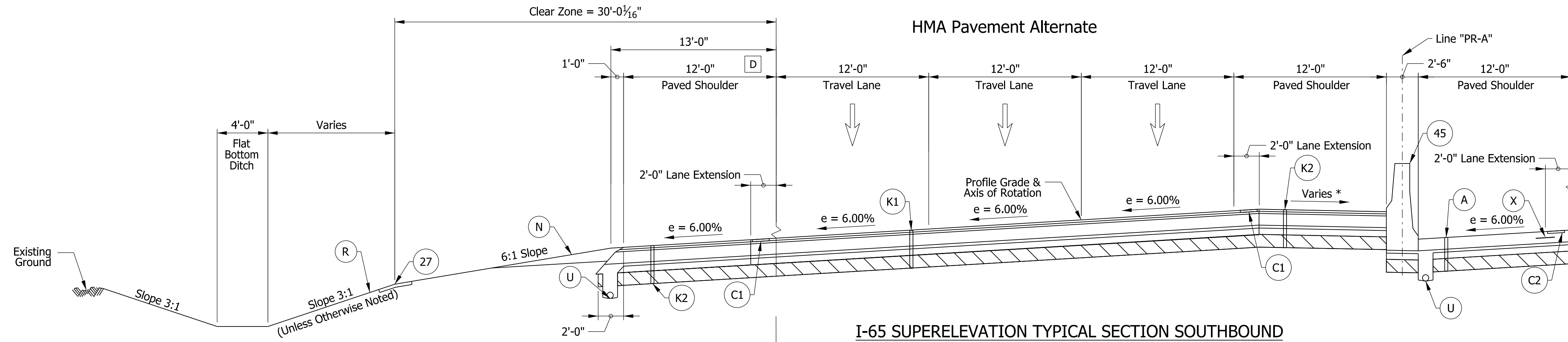
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 NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: _____	DCK	DRAWN: _____
CHECKED: _____	MKM	CHECKED: _____
	MKM	

INDIANA
 DEPARTMENT OF TRANSPORTATION

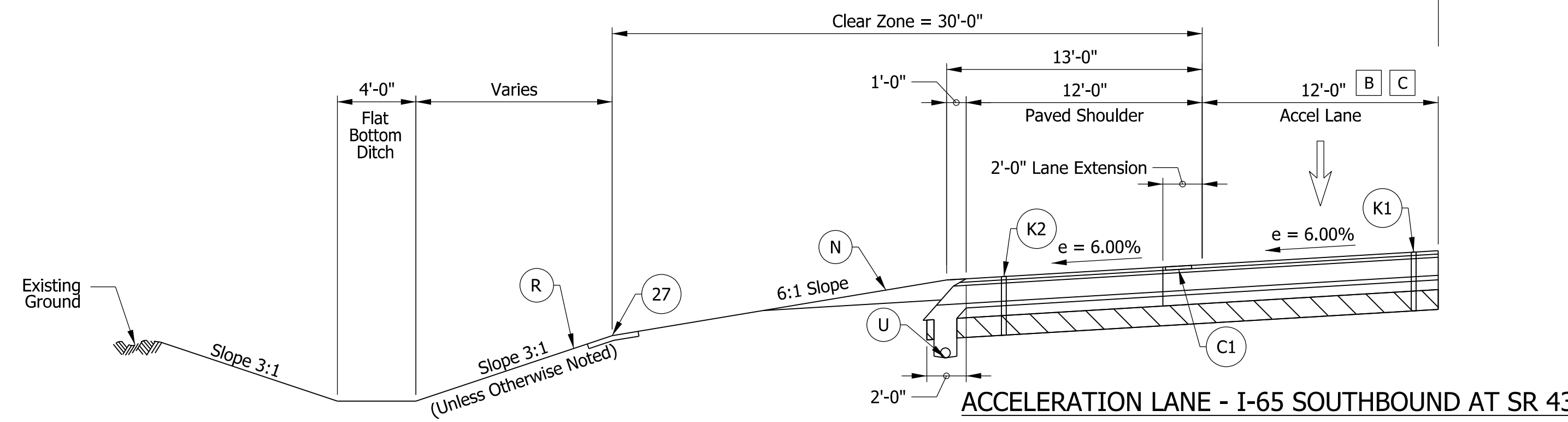
TYPICAL CROSS SECTIONS
 I-65 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE	
3/16"=1'-0"	165-177-02402 CNBL & JDSBL	
VERTICAL SCALE	DESIGNATION	
N/A	2002114 & 2002115	
SURVEY BOOK	SHEETS	TS-04
ELECTRONIC	5 of	30
CONTRACT	PROJECT	
R-42909	2001172	



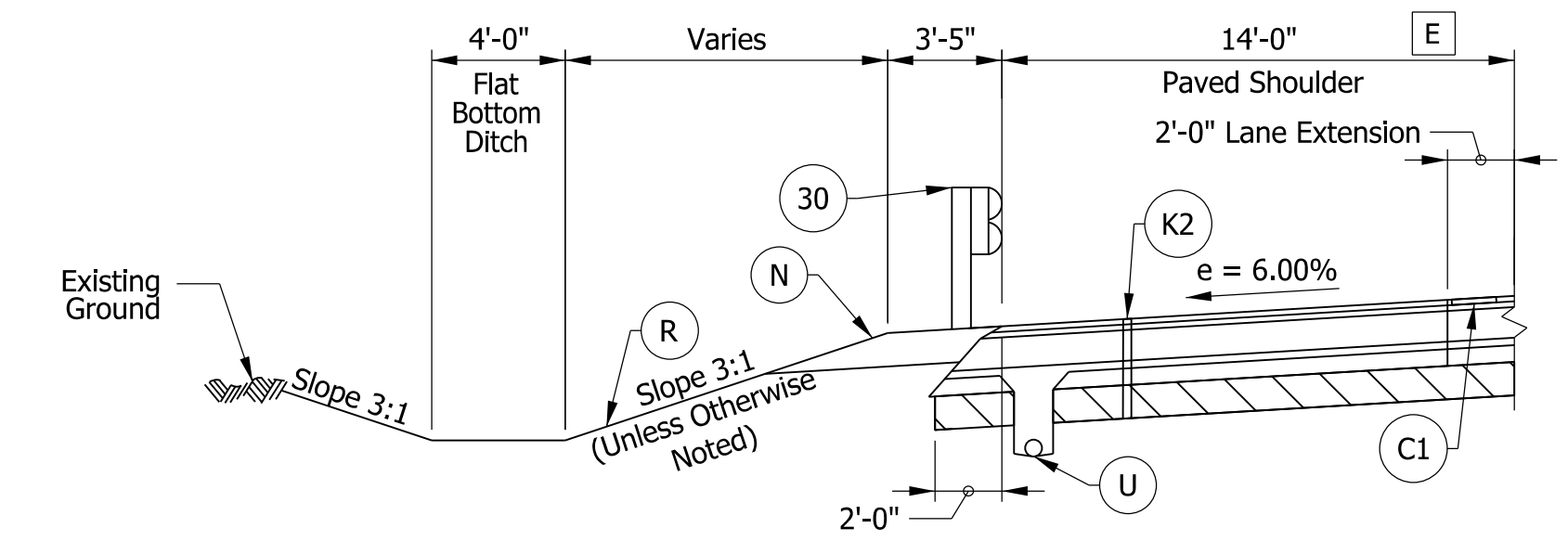
I-65 SUPERELEVATION TYPICAL SECTION SOUTHBOUND

- A STA. 867+17.00 "PR-A" to STA. 872+72.35 "PR-A"
- STA. 878+76.30 "PR-A" to STA. 892+70.14 "PR-A"
- STA. 894+49.55 "PR-A" to STA. 903+41.00 "PR-A"



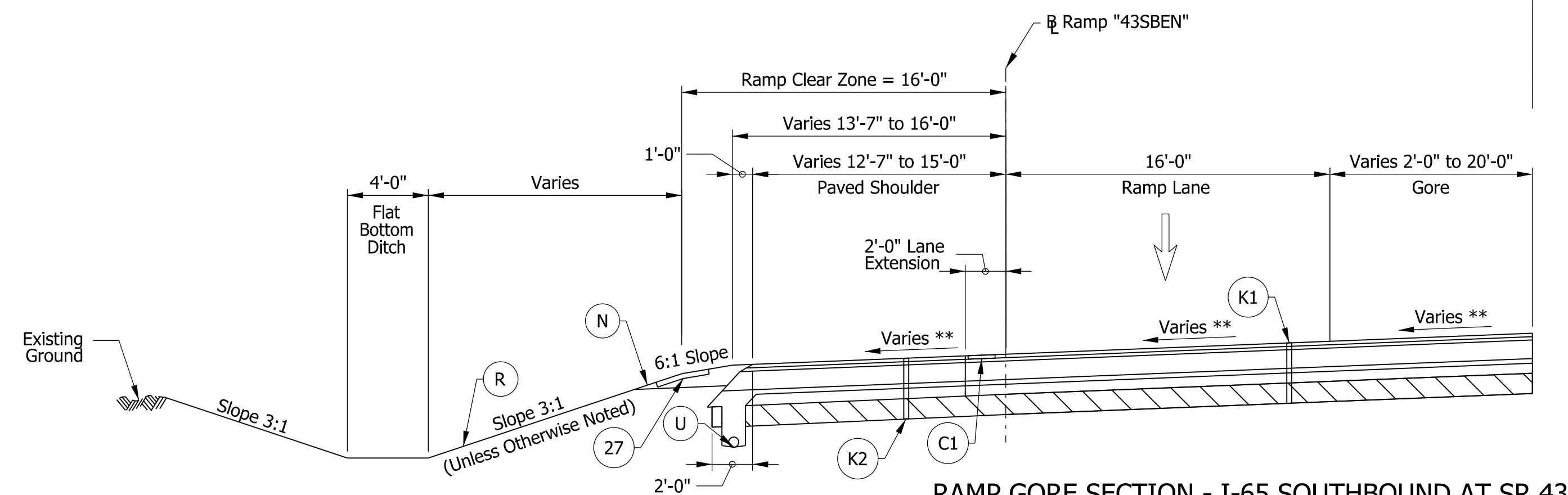
ACCELERATION LANE - I-65 SOUTHBOUND AT SR 43

- STA. 879+14.50 "PR-A" to STA. 892+70.14 "PR-A"
- STA. 894+49.57 "PR-A" to STA. 895+94.65 "PR-A"



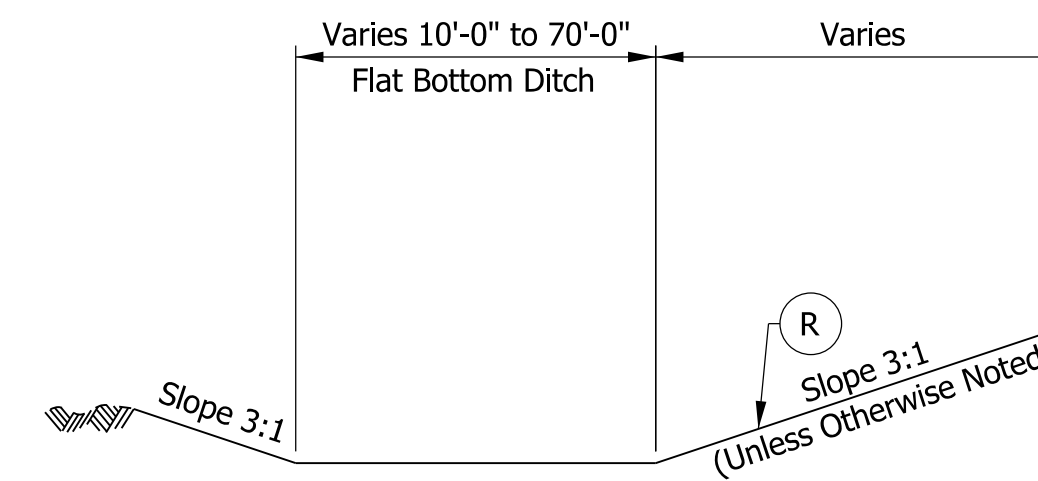
SB GUARDRAIL AND OUTSIDE SHOULDER DETAIL

- STA. 878+76.30 "PR-A" to STA. 881+31.48 "PR-A"
- STA. 894+49.57 "PR-A" to STA. 896+40.77 "PR-A"



RAMP GORE SECTION - I-65 SOUTHBOUND AT SR 43

- STA. 895+94.65 "PR-A" to STA. 896+87.97 "PR-A"



OUTSIDE WIDE DITCH DETAIL

- STA. 871+00.00 "PR-A" to STA. 872+50.00 "PR-A" SB
- STA. 885+50.00 "PR-A" to STA. 891+50.00 "PR-A" SB

FOR INFORMATION ONLY

SEE ROAD PLANS, GRADE REVIEW SUBMITTAL

- A SB Bridge Paving Exception from STA. 872+72.35 "PR-A" to STA. 878+76.30 "PR-A"
- SB Bridge Paving Exception from STA. 892+70.14 "PR-A" to STA. 894+49.55 "PR-A"
- B See Construction Detail sheets for limits of acceleration and deceleration lanes and taper limits.
- C Width varies from 0'-0" to 12'-0" from STA. 879+14.50 "PR-A" to STA. 886+64.50 "PR-A"
- Width varies from 12'-0" to 16'-0" from STA. 895+00.43 "PR-A" to STA. 895+94.65 "PR-A"
- D Width varies from 12'-0" to 19'-10.5" from STA. 891+38.00 "PR-A" to STA. 892+70.14 "PR-A"
- Width varies from 12'-0" to 13'-6" from STA. 872+50.00 "PR-A" to STA. 892+72.35 "PR-A"
- E Width varies from 18'-0" to 13'-8" from STA. 894+49.57 "PR-A" to STA. 895+00.43 "PR-A"
- Width varies from 14'-10" to 14'-0" from STA. 878+76.30 "PR-A" to STA. 879+33.64 "PR-A"

Notes:

1. See DET-01 for Legend.
 2. Cross slope varies. See Superelevation Detail and Intersection Detail Sheets for cross slope transition locations.
- * Max rollover between shoulder and travel lane not to exceed 8%. See Superelevation Detail for transition information
- ** Slope varies. See Gore Details.

NOTE TO REVIEWER:

Pavement design assumed to be asphalt for estimating purposes. Pavement design to be approved in a future submittal.

NOTE TO REVIEWER:

Safety Edge detail to be provided in a future submittal.

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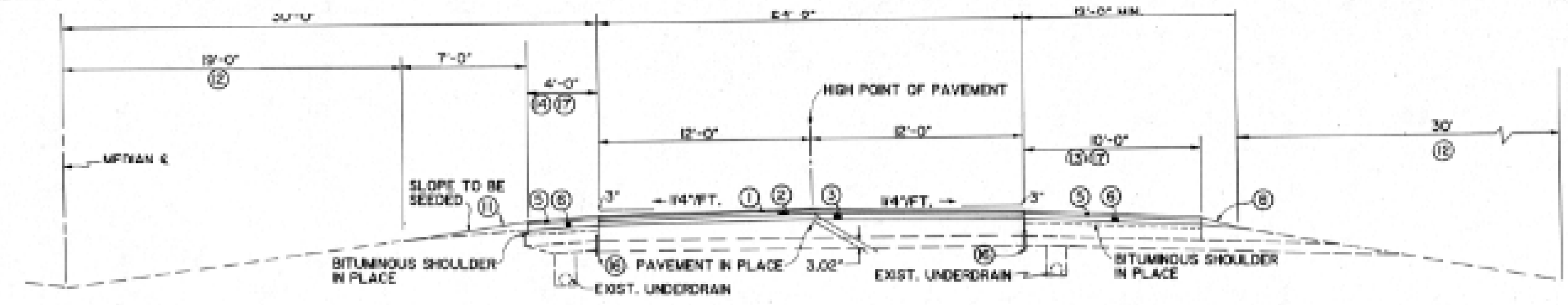
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: DCK	DRAWN: DCK	
CHECKED: MKM	CHECKED: MKM	

INDIANA
DEPARTMENT OF TRANSPORTATION

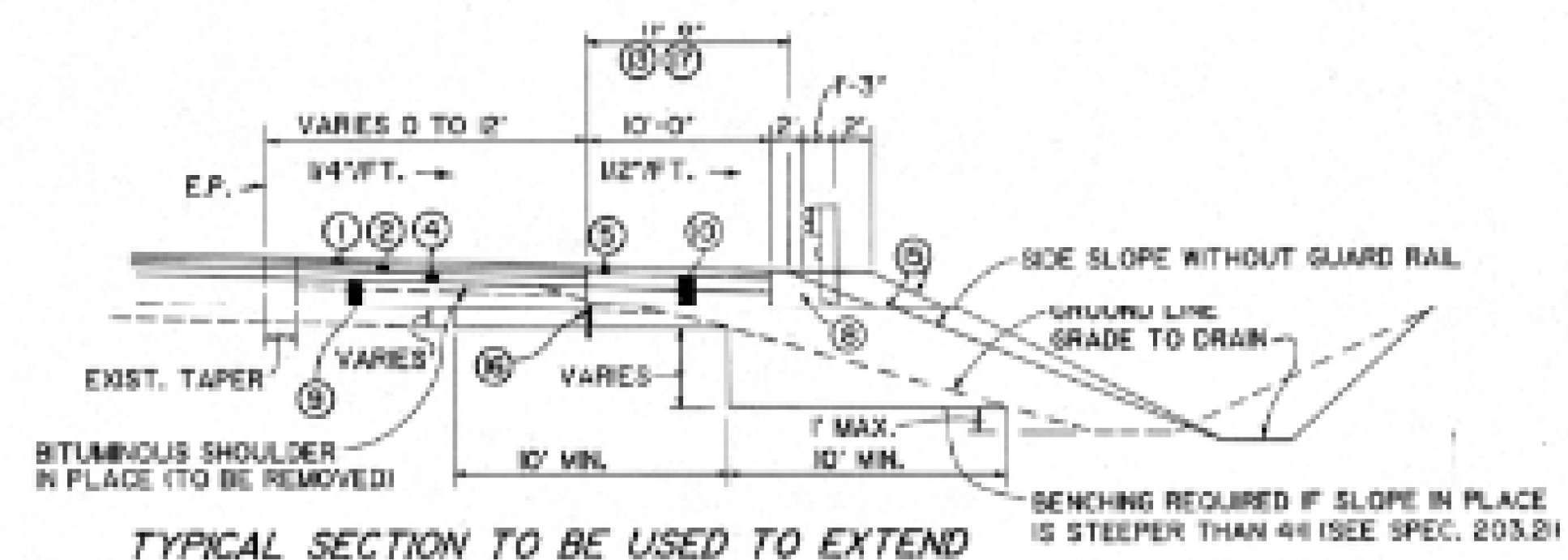
TYPICAL CROSS SECTIONS
I-65 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
3/16"=1'-0"	165-177-02402 CNBL & JDSBL
VERTICAL SCALE	DESIGNATION
N/A	2002114 & 2002115
SURVEY BOOK	SHEETS
ELECTRONIC	6 of 30
CONTRACT	PROJECT
R-42909	2001172

FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	SECTION	SHEET NO.	TOTAL SHEETS
5	IND.	17-05-044577	100	3	36

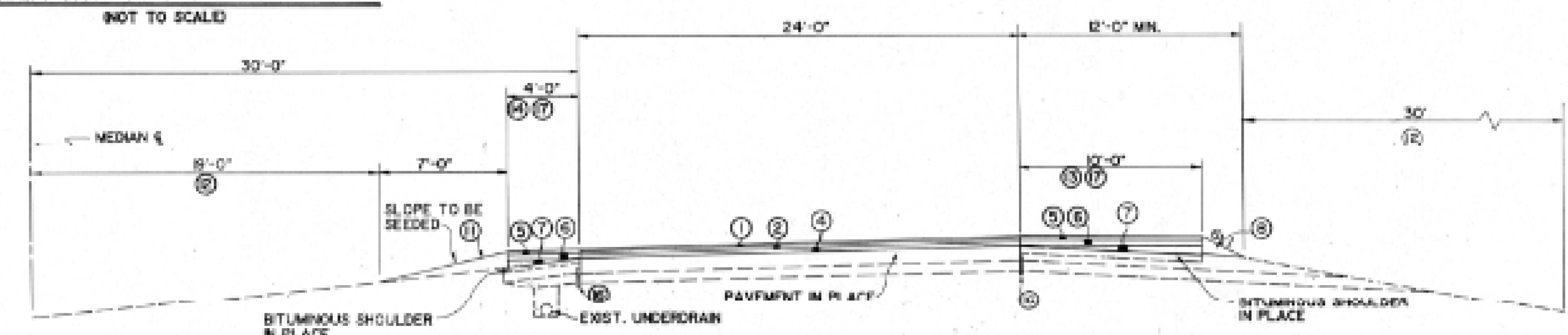


TYPICAL SECTION FOR TANGENT & CURVES OF 0°29'99" OR LESS
 STA. 806+93.58 "A" TO STA. 869+25.2 "A"
 STA. 901+38.80 "A" TO STA. 944+12.5 "A"
 STA. 967+85.80 "A" TO STA. 1038+00 "A"



TYPICAL SECTION TO BE USED TO EXTEND ACCELERATION & DECELERATION LANES
 NOT TO SCALE

NOTE:
 FOR BITUMINOUS SURFACE CONSTRUCTION JOINT PLACEMENT SEE "STANDARD SPECIFICATIONS" SECTION 4011. THERE SHALL BE NO BASE COURSE CONSTRUCTION JOINT LOCATED WITHIN 6 INCHES FROM AN EXISTING PAVEMENT JOINT & NO BINDER COURSE CONSTRUCTION JOINT LOCATED WITHIN 6 INCHES FROM A BASE COURSE CONSTRUCTION JOINT.
 FINAL QUANTITIES WILL REFLECT THE OVERLAP AT ROADWAY CROWN.



TYPICAL SUPERELEVATED SECTION ON CURVES TO LEFT OF 0°30' OR MORE CURVES TO RIGHT REVERSED
 STA. 869+25.2 "A" TO STA. 901+38.8 "A"
 STA. 944+12.5 "A" TO STA. 967+85.8 "A" (INBL)
 STA. 944+12.5 "A" TO STA. 961+50.0 "A" (SBL)
 STA. 964+30.0 "A" TO STA. 967+85.8 "A" (SBL)

- LEGEND**
- ① 110#18YD. BITUMINOUS SURFACE II, HV
 - ② 160#18YD. BITUMINOUS BINDER 9, HV
 - ③ 290#18YD. BITUMINOUS BASE 5, HV
 - ④ 250#18YD. BITUMINOUS BASE 5, HV
 - ⑤ 185#18YD. BITUMINOUS SURFACE II, LV
 - ⑥ 360#18YD. BITUMINOUS BASE 5, LV
 - ⑦ BITUMINOUS BASE 5, LV FOR WEDGE & LEVEL
 - ⑧ TYPE 10" COMPACTED AGGREGATE FOR BASE SIZE NO. 53 WEDGE REQ'D. PROJECT ENGINEER WILL FLATTEN SLOPE AS MUCH AS POSSIBLE
 - ⑨ 880#18YD. BITUMINOUS BASE 5, HV ON 440#18YD. BITUMINOUS BASE, 50, HV
 - ⑩ 495#18YD. BITUMINOUS BASE, 50, LV ON 8" COMP. AGG. TYPE 10" BASE # 53
 - ⑪ EARTH WEDGE (SCAFFY PER SPEC. 203.2B)
 - ⑫ FERTILIZER 1500 LBS. PER ACRE
 - ⑬ SLOPE 12"1FT. DOWN FOR TANGENTS AND INSIDE OF CURVES
SLOPE 12"1FT. DOWN FOR OUTSIDE OF CURVES 0°30' THRU 1°29'99".
SLOPE 14"1FT. DOWN FOR OUTSIDE OF CURVES 1°30' THRU 1°59'99".
SLOPE 18"1FT. UP FOR OUTSIDE OF CURVES 2°00' AND ABOVE.
 - ⑭ SLOPE 12"1FT. DOWN FOR TANGENTS.
SLOPE 12"1FT. DOWN FOR OUTSIDE OF CURVES UP THRU 0°29'99".
SLOPE 12"1FT. DOWN FOR INSIDE OF ALL CURVES.
SLOPE IN PLANE OF SUPERELEVATION FOR OUTSIDE OF CURVES 0°30' AND ABOVE.
 - ⑮ SLOPE VARIES IN ORDER TO STAY WITHIN EXISTING R/W.
SLOPE STEEPER THAN 3:1 TO BE USED ONLY AS DIRECTED BY THE ENGINEER.
WHERE SLOPES ARE 2:1 OR STEEPER, GUARD RAIL TO BE PLACED AS SHOWN.
 - ⑯ SEE SHEET NO. 47 GEOTECHNICAL PAVEMENT EDGE DRAIN DETAILS.
EDGE DRAINS WILL NOT BE INSTALLED ON EITHER SIDE OF NBL BETWEEN STA. 88+00 AND STA. 827+50 TO PRESERVE SHRP PAVEMENT TEST SECTION.
 - ⑰ CONTINUOUS RUMBLE STRIP (SEE DETAIL SHEET # 40 & SPEC. PROV. 609-R-05)

FOR MAIN LINE I-65 (LINE "A")
INDIANA DEPARTMENT OF TRANSPORTATION
TYPICAL CROSS SECTION FOR INFORMATION ONLY
 SCALE: SEE ROAD PLANS, GRADE REVIEW SUBMITTAL

- NOTES:**
1. Phase 1, construct outside temporary pavement by using nightly lane closures.
 2. Following outside temporary pavement construction in Phase 1, using northbound lane shifts to outside traffic lane and outside temporary pavement, construct inside temporary pavement.

Legend
 Construction Area

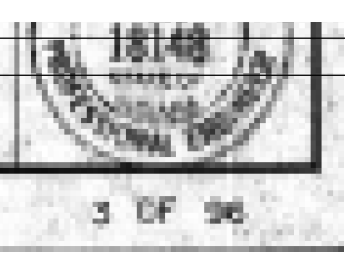
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 NOT FOR CONSTRUCTION

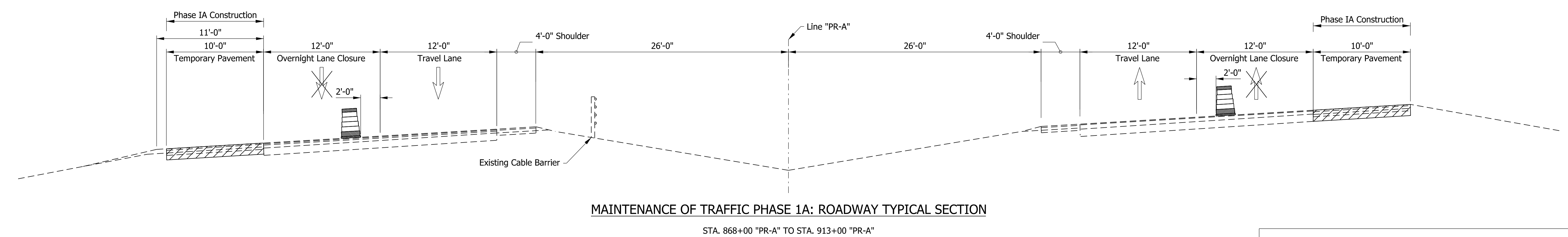
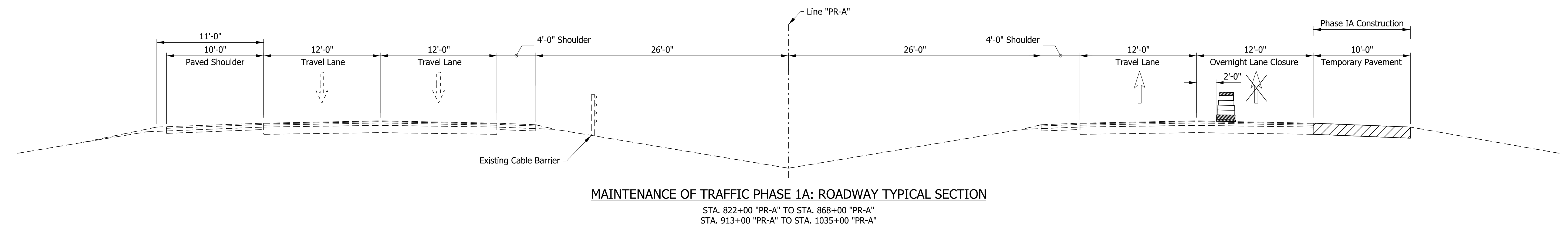
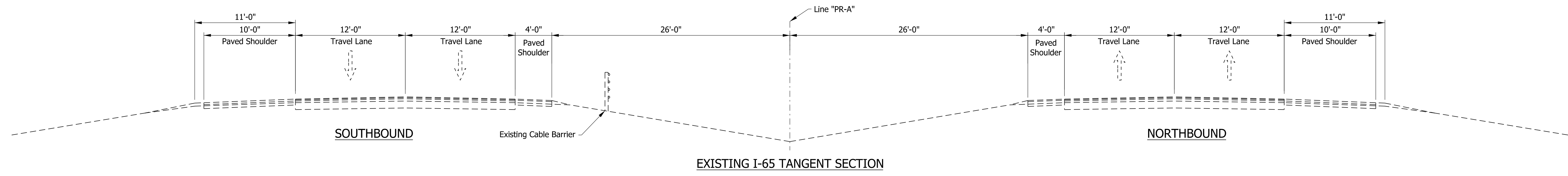
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ JMS _____	DRAWN: _____ JMS _____	
CHECKED: _____ MKM _____	CHECKED: _____ MKM _____	

INDIANA DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC
 TYPICAL CROSS SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
3/16"=1'-0"	165-177-02402 CNBL & JDSBL
VERTICAL SCALE	DESIGNATION
N/A	2002114 & 2002115
SURVEY BOOK	SHEETS
ELECTRONIC	7 of 30
CONTRACT	PROJECT
R-42909	2001172

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 model: Not sheet 6
 file: c:\ad\lib\p\l\hnb_kales\greateakes\0249926\2001172-s-br-mo01.dgn





NOTES:

- Maintenance of Traffic Phase 1 for I-65 NB Outside and inside shoulder strengthening using nighttime lane closures. Set TTB to perform I-65 NB median temporary pavement widening.

FOR INFORMATION ONLY
SEE ROAD PLANS, GRADE REVIEW SUBMITTAL

Legend
Construction Area

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NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ JMS _____	DRAWN: _____ JMS _____	
CHECKED: _____ MKM _____	CHECKED: _____ MKM _____	

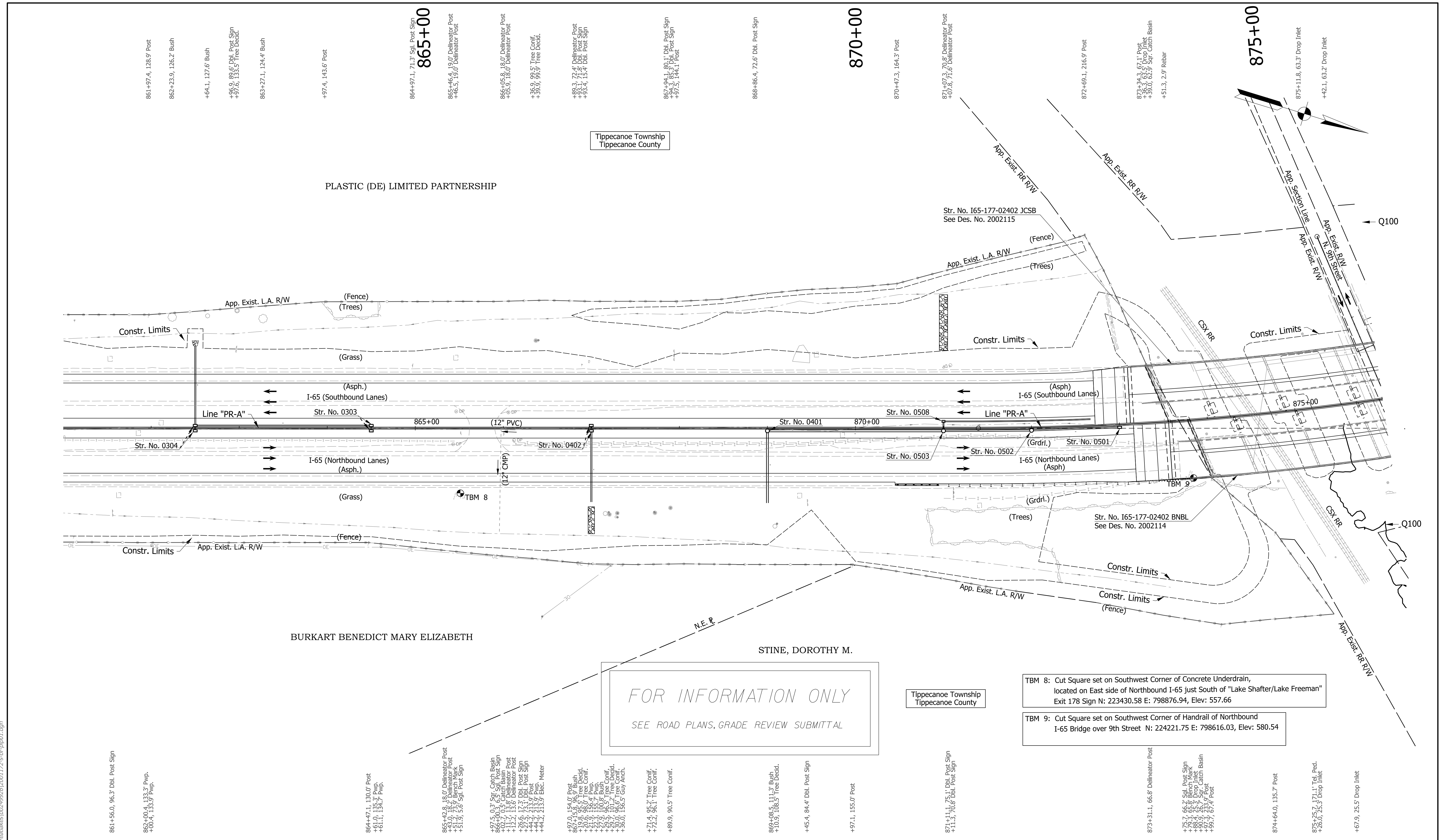
INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC TYPICAL CROSS SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
3/16"=1'-0"	165-177-02402 CNBL & JDSBL
VERTICAL SCALE	DESIGNATION
N/A	2002114 & 2002115
SURVEY BOOK	SHEETS
ELECTRONIC	8 of 30
CONTRACT	PROJECT
R-42909	2001172

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 model-Pp 1 - sheet 8
 file:c:\cadd\lib\p\l\hnb_krakes\gratfakes\0249226\2001172-s-br-pp01.dgn



FOR INFORMATION ONLY
 SEE ROAD PLANS, GRADE REVIEW SUBMITTAL

TBM 8: Cut Square set on Southwest Corner of Concrete Underdrain, located on East side of Northbound I-65 just South of "Lake Shafter/Lake Freeman" Exit 178 Sign N: 223430.58 E: 798876.94, Elev: 557.66

TBM 9: Cut Square set on Southwest Corner of Handrail of Northbound I-65 Bridge over 9th Street N: 224221.75 E: 798616.03, Elev: 580.54

- Notes:**
- Existing topography notes taken from Line "PR-A".
 - For geometric information, see Geometric Layout Sheets.
 - For control point information, see Reference Tie Sheets.
 - Line "PR-A" to be constructed.

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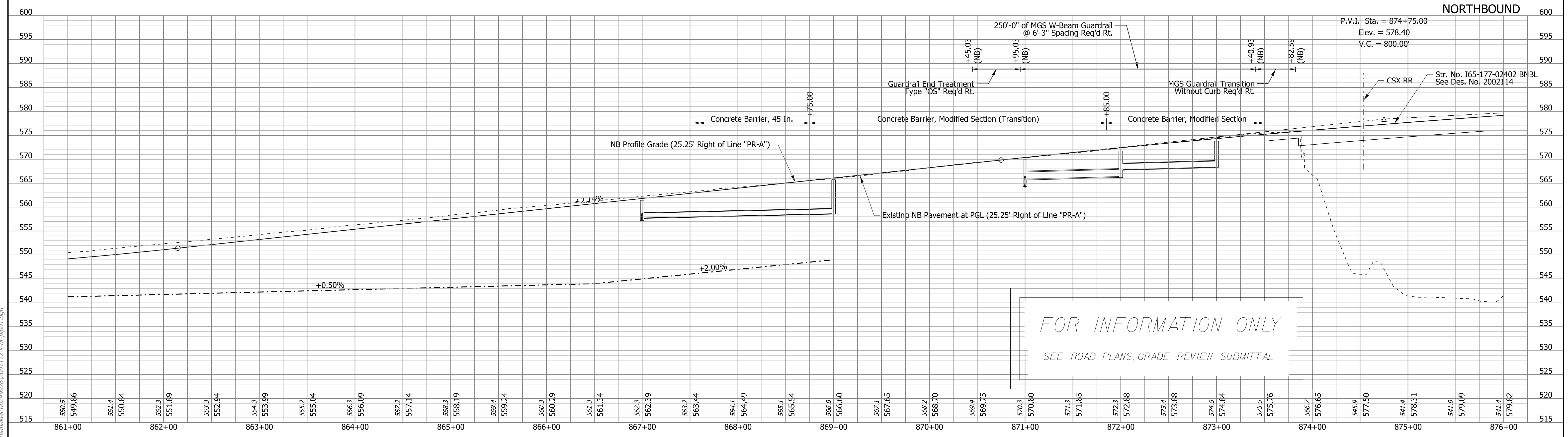
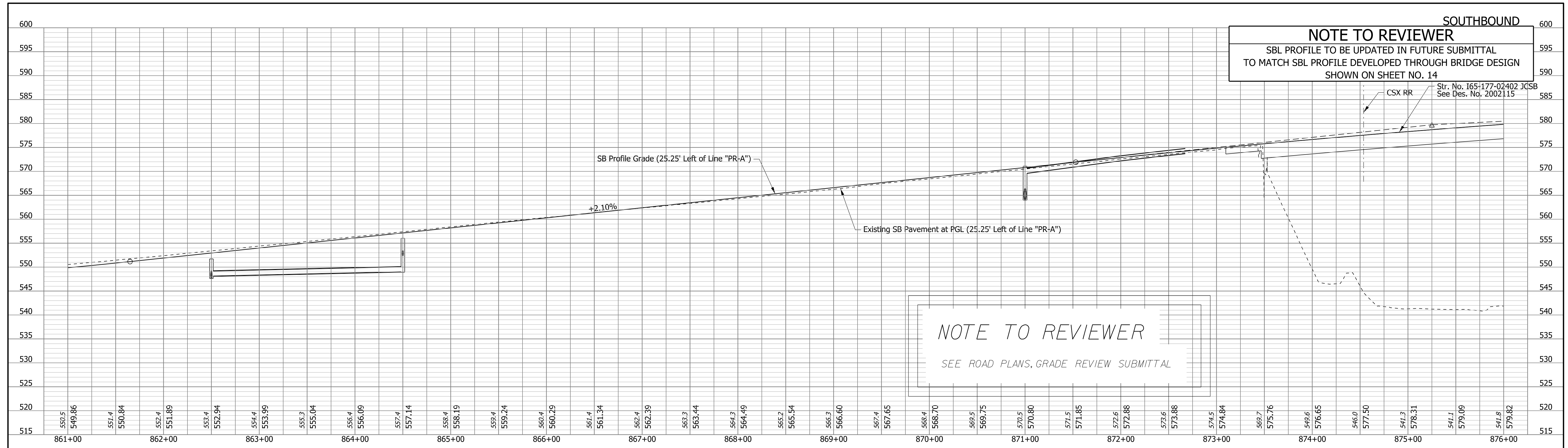
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JMA	DRAWN: CEB	
CHECKED: MKM	CHECKED: MKM	

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN SHEET
LINE "PR-A"
STA. 860+00 TO STA. 876+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'	165-177-02402 CNBL & JDSBL	
VERTICAL SCALE	DESIGNATION	
N/A	2002114 & 2002115	
SURVEY BOOK	SHEETS	PLN-04
ELECTRONIC	9 of	30
CONTRACT	PROJECT	
R-42909	2001172	

NOTE TO REVIEWER
 SBL PROFILE TO BE UPDATED IN FUTURE SUBMITTAL
 TO MATCH SBL PROFILE DEVELOPED THROUGH BRIDGE DESIGN
 SHOWN ON SHEET NO. 14



NOTE TO REVIEWER
 Bridge design will be shown
 in future submittals.

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 NOT FOR CONSTRUCTION

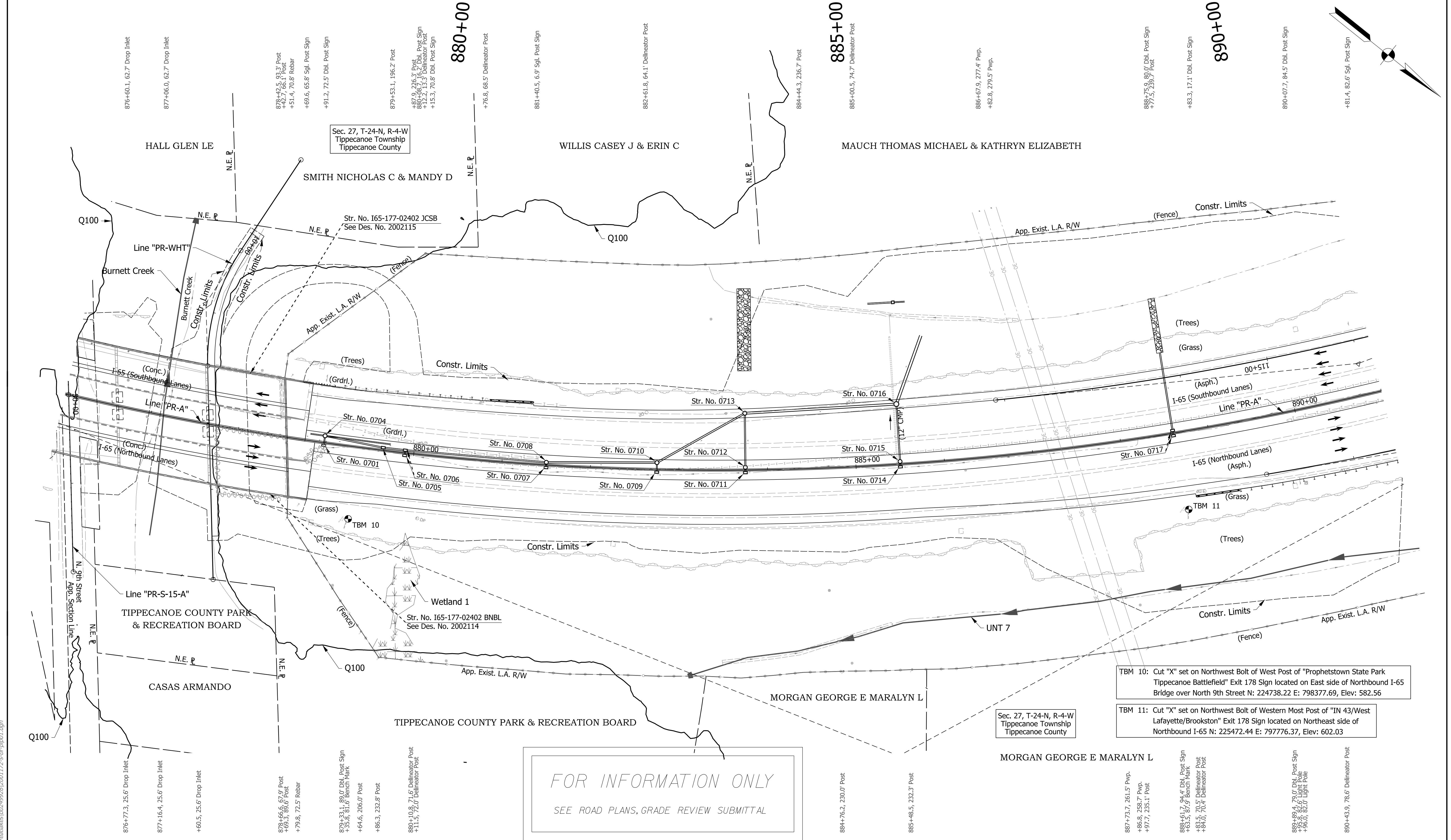
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JMA	DRAWN: CEB	
CHECKED: MKM	CHECKED: MKM	

INDIANA
 DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
 LINE "PR-A"
 STA. 861+00 TO STA. 876+00

SCALE 1" = 50'	BRIDGE FILE 165-177-02402 CNBL & JDSBL
VERTICAL SCALE 1" = 10'	DESIGNATION 2002114 & 2002115
SURVEY BOOK ELECTRONIC	SHEETS PRF-04 10 of 30
CONTRACT R-42909	PROJECT 2001172

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FOR INFORMATION ONLY
SEE ROAD PLANS, GRADE REVIEW SUBMITTAL

TBM 10: Cut "X" set on Northwest Bolt of West Post of "Prophetstown State Park Tippecanoe Battlefield" Exit 178 Sign located on East side of Northbound I-65 Bridge over North 9th Street N: 224738.22 E: 798377.69, Elev: 582.56

TBM 11: Cut "X" set on Northwest Bolt of Western Most Post of "IN 43/West Lafayette/Brookston" Exit 178 Sign located on Northeast side of Northbound I-65 N: 225472.44 E: 797776.37, Elev: 602.03

- Notes:**
- Existing topography notes taken from Line "PR-A".
 - For geometric information, see Geometric Layout Sheets.
 - For control point information, see Reference Tie Sheets.
 - Line "PR-A" to be constructed.

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NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JMA	DRAWN: CEB	
CHECKED: MKM	CHECKED: MKM	

INDIANA DEPARTMENT OF TRANSPORTATION

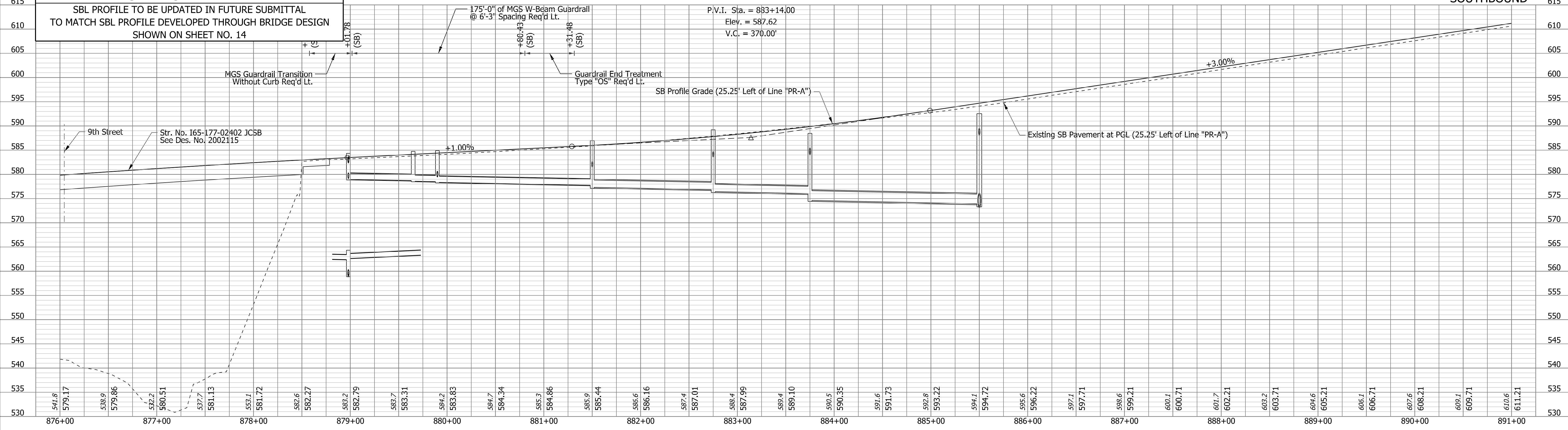
PLAN SHEET
LINE "PR-A"
STA. 876+00 TO STA. 891+00

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	165-177-02402 CNBL & JDSBL
VERTICAL SCALE	DESIGNATION
N/A	2002114 & 2002115
SURVEY BOOK	SHEETS
ELECTRONIC	11 of 30
CONTRACT	PROJECT
R-42909	2001172

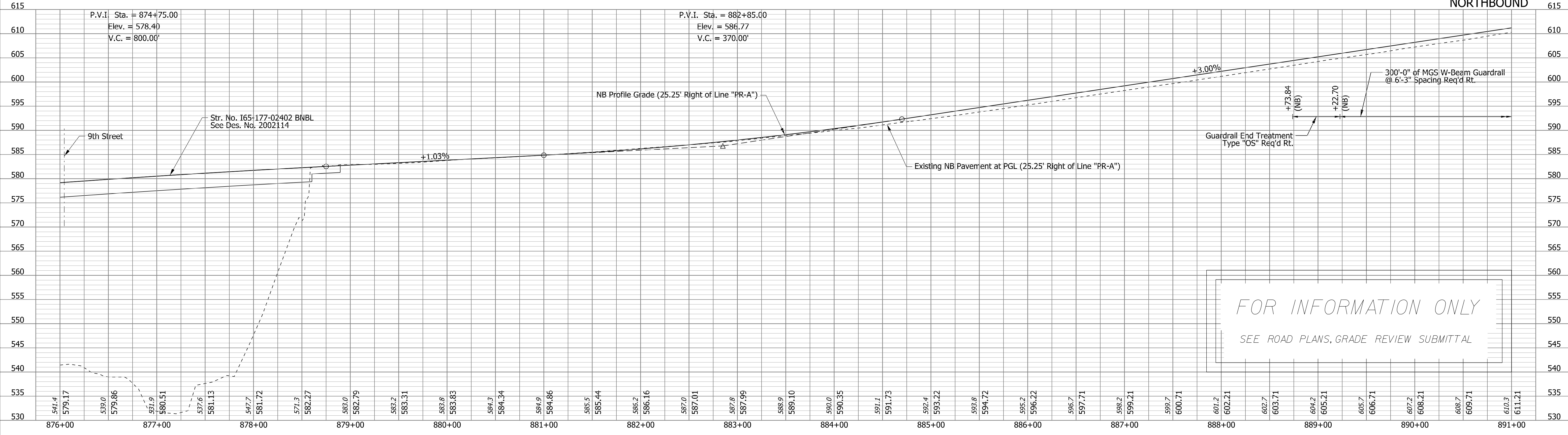
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NOTE TO REVIEWER
 SBL PROFILE TO BE UPDATED IN FUTURE SUBMITTAL
 TO MATCH SBL PROFILE DEVELOPED THROUGH BRIDGE DESIGN
 SHOWN ON SHEET NO. 14

SOUTHBOUND



NORTHBOUND



FOR INFORMATION ONLY
 SEE ROAD PLANS, GRADE REVIEW SUBMITTAL

NOTE TO REVIEWER
 Bridge design will be shown
 in future submittals.

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 NOT FOR CONSTRUCTION

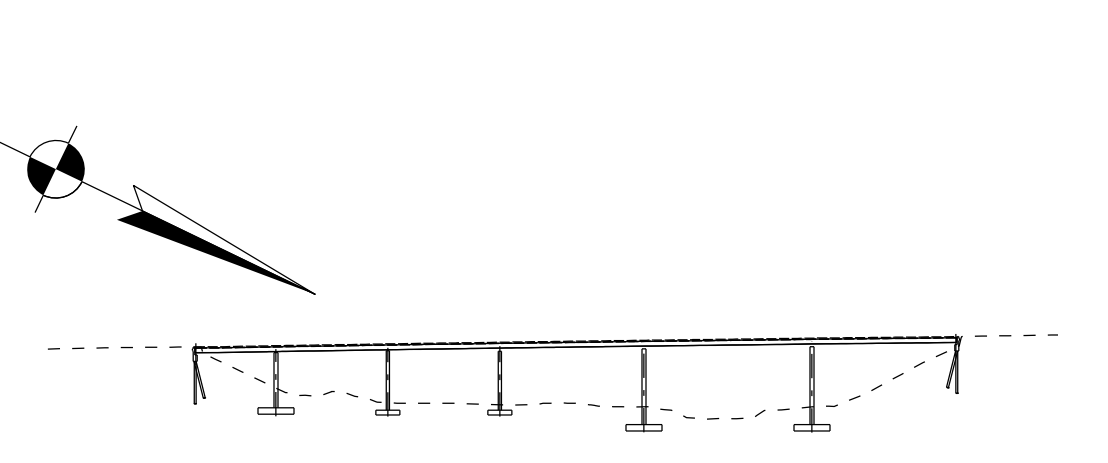
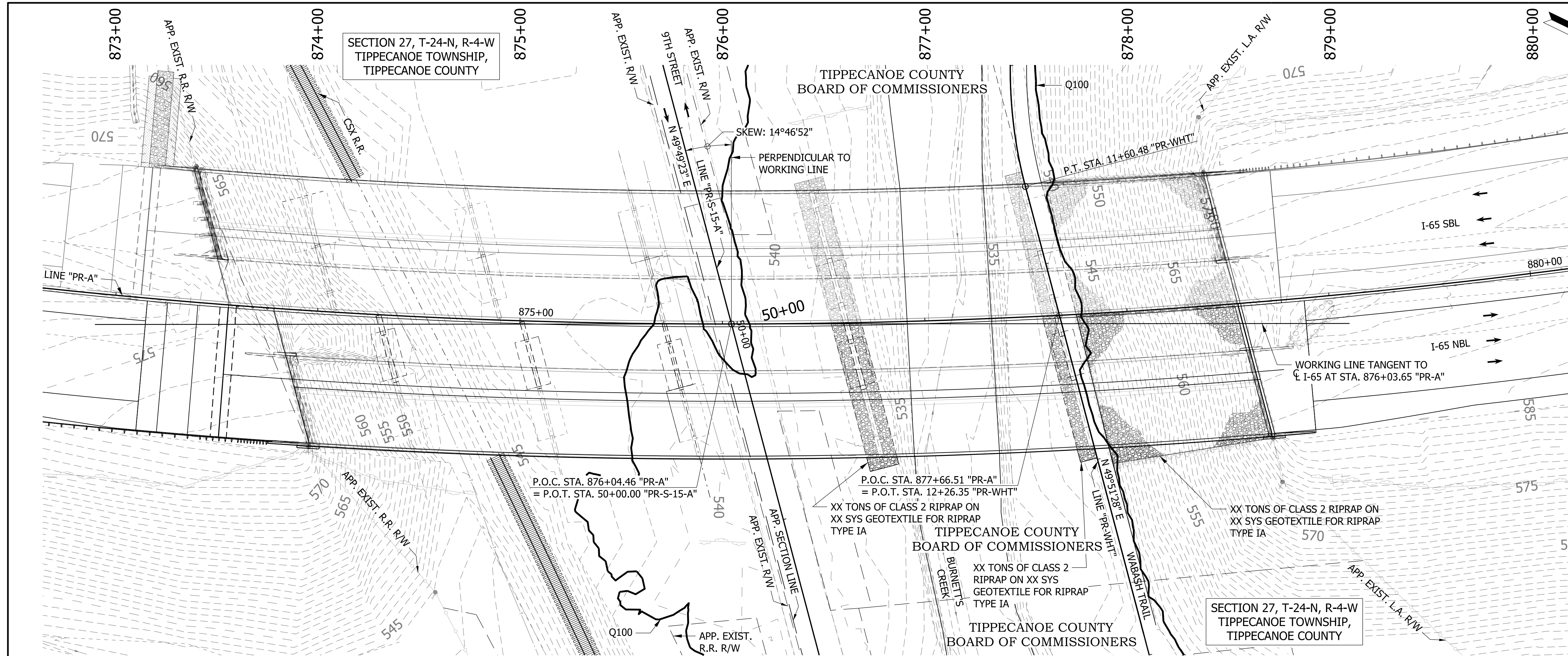
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: JMA	DRAWN: CEB	
CHECKED: MKM	CHECKED: MKM	

INDIANA DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
LINE "PR-A"
STA. 876+00 TO STA. 891+00

SCALE 1" = 50'	BRIDGE FILE 165-177-02402 CNBL & JDSBL
VERTICAL SCALE 1" = 10'	DESIGNATION 2002114 & 2002115
SURVEY BOOK ELECTRONIC	SHEETS PRF-05 12 of 30
CONTRACT R-42909	PROJECT 2001172

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EXISTING STRUCTURE

THE EXISTING STRUCTURE IS A 6 SPAN, CONTINUOUS COMPOSITE 36WF STEEL BEAM BRIDGE, SKEWED 14°46'00" LT. TO TANGENT WITH SPANS OF 50'-0", 70'-0", 70'-0", 90'-0", 105'-0" & 90'-0" AND A CLEAR ROADWAY WIDTH OF 40'-8". THE STRUCTURE WAS BUILT IN 1968 WITH A DECK RECONSTRUCTION IN 1993. EXISTING PLANS ARE ON FILE WITH INDIANA DEPARTMENT OF TRANSPORTATION UNDER BRIDGE FILE I-65-180-2402 S, I-65-180-2402 A AND I-65-180-2402 B.

EARTHWORK TABULATION

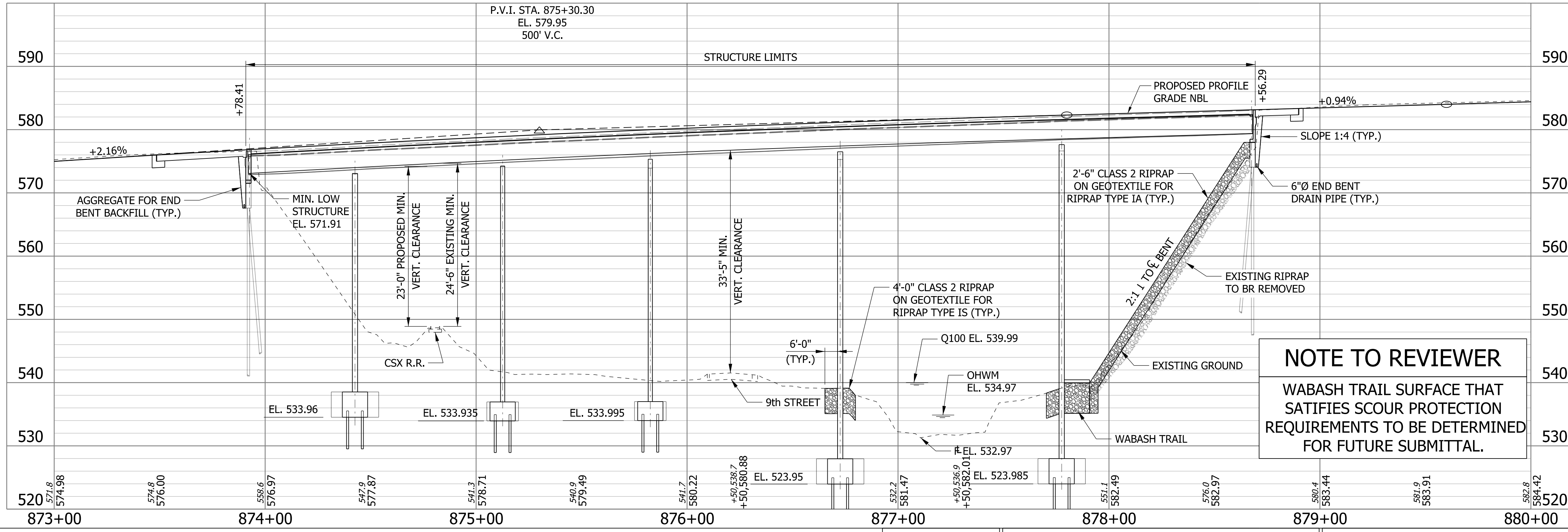
FILL + 25%	XXX CYS
COMMON EXCAVATION	XXX CYS
BORROW	XXX CYS
EXCAVATION, FOUNDATION, UNCLASSIFIED	XXX CYS

HYDRAULIC DATA

WATERWAY OPENING REQUIRED	555.2 SFT
WATERWAY OPENING PROVIDED	555.2 SFT
DRAINAGE AREA	52.0 SQ MI
DESIGN DISCHARGE, Q100	6400 CFS
VELOCITY	12.69 FT/S
Q100 ELEV.	539.99 FT
ESTIMATED SCOUR ELEV.	523.14 FT
EXISTING WATERWAY OPENING	555.2 SFT
MIN. LOW STRUCTURE ELEV. REQUIRED	541.99 FT
EXISTING LOW STRUCTURE ELEV.	571.91 FT
OHWM EL.	534.97 FT

HORIZONTAL CURVE DATA FOR LINE "PR-A"

P.I. = STA. 886+24.35
P.C. = STA. 871+39.60
P.T. = STA. 899+18.85
Δ = 49°55'06" LT.
R = 3190.00'
T = 1484.76'
L = 2779.26'
Dc = 1°47'46"



NOTE TO REVIEWER

QUANTITIES AND EARTHWORK TABULATION TO BE COMPLETED AT FUTURE SUBMITTAL.

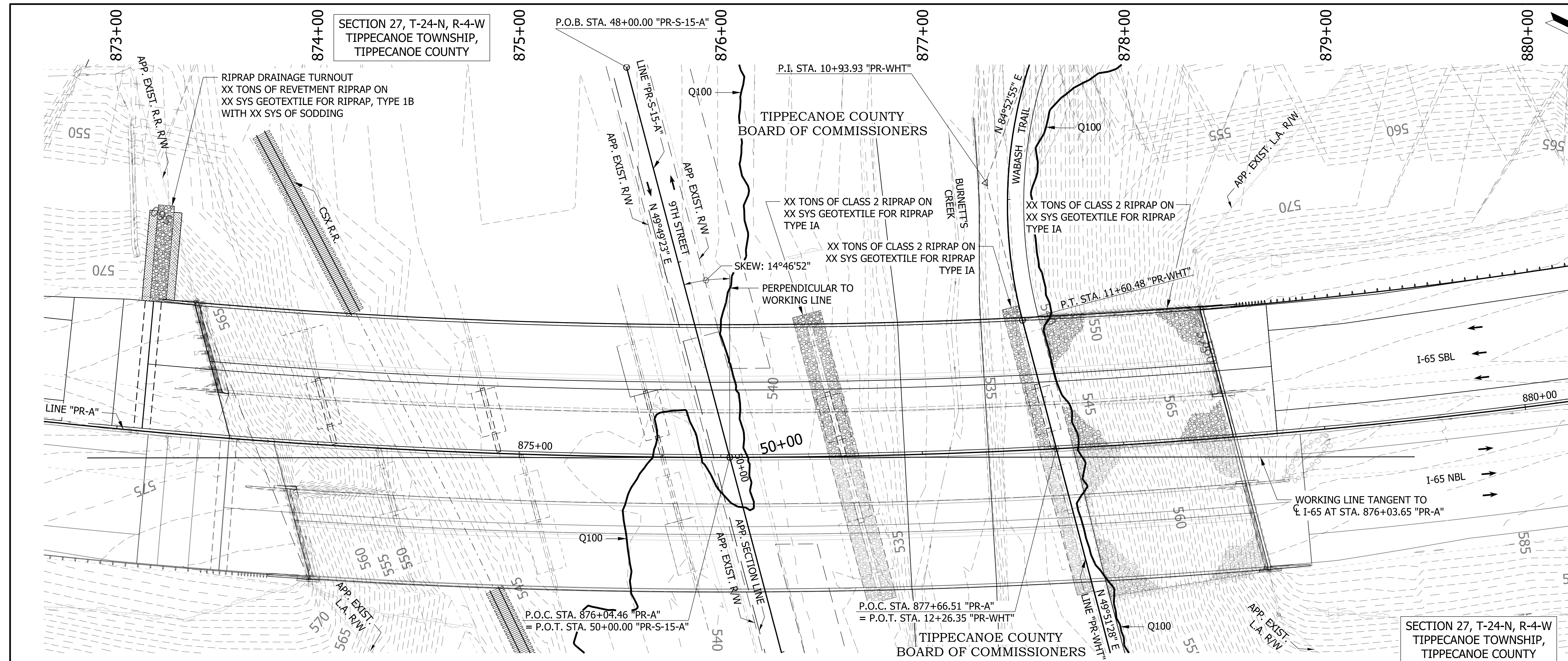
NOTE TO REVIEWER

WABASH TRAIL SURFACE THAT SATISFIES SCOUR PROTECTION REQUIREMENTS TO BE DETERMINED FOR FUTURE SUBMITTAL.

CONTINUOUS COMPOSITE STEEL BEAM BRIDGE
6 SPANS: 50'-0", 70'-0", 70'-0", 90'-0", 105'-0", 90'-0"
SKEW: 14°46'00" LT. TO TANGENT
CLEAR ROADWAY 64'-0"
I-65 NBL OVER CSX R.R., 9TH STREET, BURNETT'S CREEK & WABASH TRAIL
TIPPECANOE COUNTY

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION	
DESIGNED: MEW	DRAWN: CLF				LAYOUT - NBL	
CHECKED: JJO	CHECKED: JJO				SCALE	
					BRIDGE FILE	
					1"=30'	
					165-177-02402 CNBL	
					DESIGNATION	
					1"=10'	
					2002114	
					SURVEY BOOK	
					SHEETS LY-01	
					ELECTRONIC	
					13 of 30	
					CONTRACT	
					R-42909	
					PROJECT	
					2001172	

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EXISTING STRUCTURE
 THE EXISTING STRUCTURE IS A 6 SPAN, CONTINUOUS COMPOSITE 36WF STEEL BEAM BRIDGE, SKEWED 14°46'00" LT. TO TANGENT WITH SPANS OF 50'-0", 80'-6", 80'-6", 90'-0", 105'-0" & 90'-0" AND A CLEAR ROADWAY WIDTH OF 40'-8". THE STRUCTURE WAS BUILT IN 1968 WITH A DECK RECONSTRUCTION IN 1993. EXISTING PLANS ARE ON FILE WITH INDIANA DEPARTMENT OF TRANSPORTATION UNDER BRIDGE FILE I-65-180-2402 JS, I-65-180-2402JA AND I-65-180-2402 JC.

EARTHWORK TABULATION

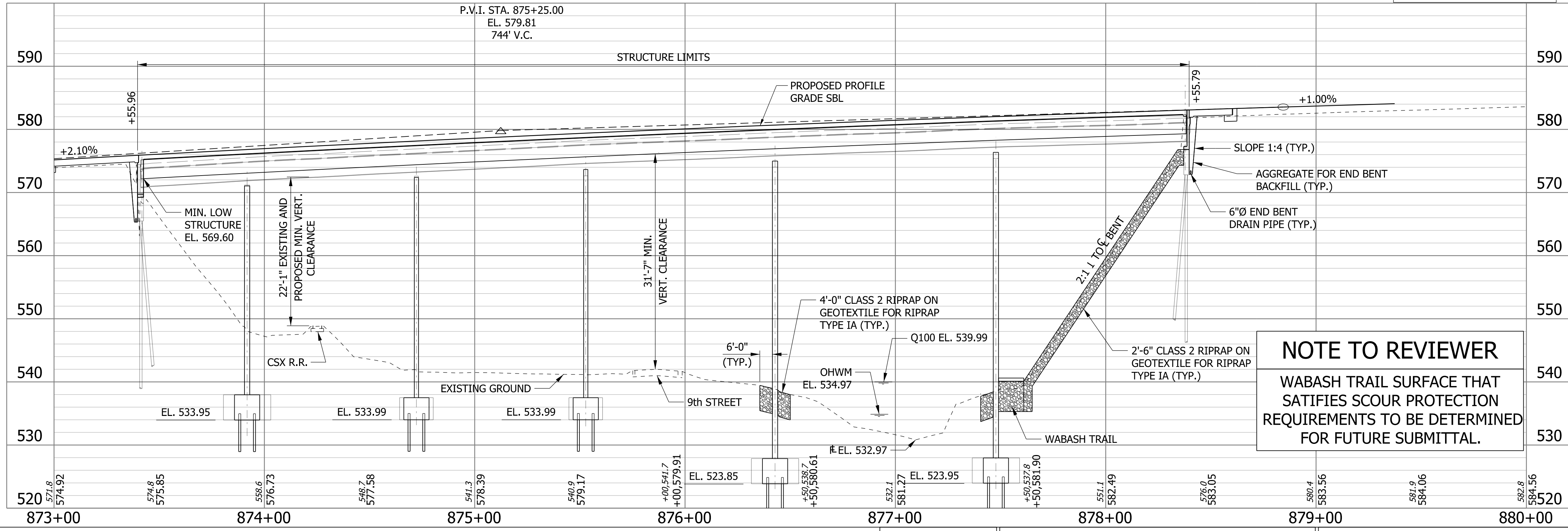
FILL + 25%	XXX CYS
COMMON EXCAVATION	XXX CYS
BORROW	XXX CYS
EXCAVATION, FOUNDATION, UNCLASSIFIED	XXX CYS

HYDRAULIC DATA

WATERWAY OPENING REQUIRED	555.2 SFT
WATERWAY OPENING PROVIDED	555.2 SFT
DRAINAGE AREA	52.0 SQ MI
DESIGN DISCHARGE, Q100	6400 CFS
VELOCITY	12.69 FT/S
Q100 ELEV.	539.99 FT
ESTIMATED SCOUR ELEV.	523.14 FT
EXISTING WATERWAY OPENING	555.2 SFT
MIN. LOW STRUCTURE ELEV. REQUIRED	541.99 FT
EXISTING LOW STRUCTURE ELEV.	569.60 FT
OHWM EL.	534.97 FT

HORIZONTAL CURVE DATA FOR LINE "PR-A"

P.I. = STA. 886+24.35
P.C. = STA. 871+39.60
P.T. = STA. 899+18.85
Δ = 49°55'06" LT.
R = 3190.00'
T = 1484.76'
L = 2779.26'
Dc = 1°47'46"



NOTE TO REVIEWER

QUANTITIES AND EARTHWORK TABULATION TO BE COMPLETED AT FUTURE SUBMITTAL.

NOTE TO REVIEWER

LEVEL 1 DESIGN EXCEPTION PROVIDED FOR VERTICAL CLEARANCE OVER CSX RR.

NOTE TO REVIEWER

WABASH TRAIL SURFACE THAT SATISFIES SCOUR PROTECTION REQUIREMENTS TO BE DETERMINED FOR FUTURE SUBMITTAL.

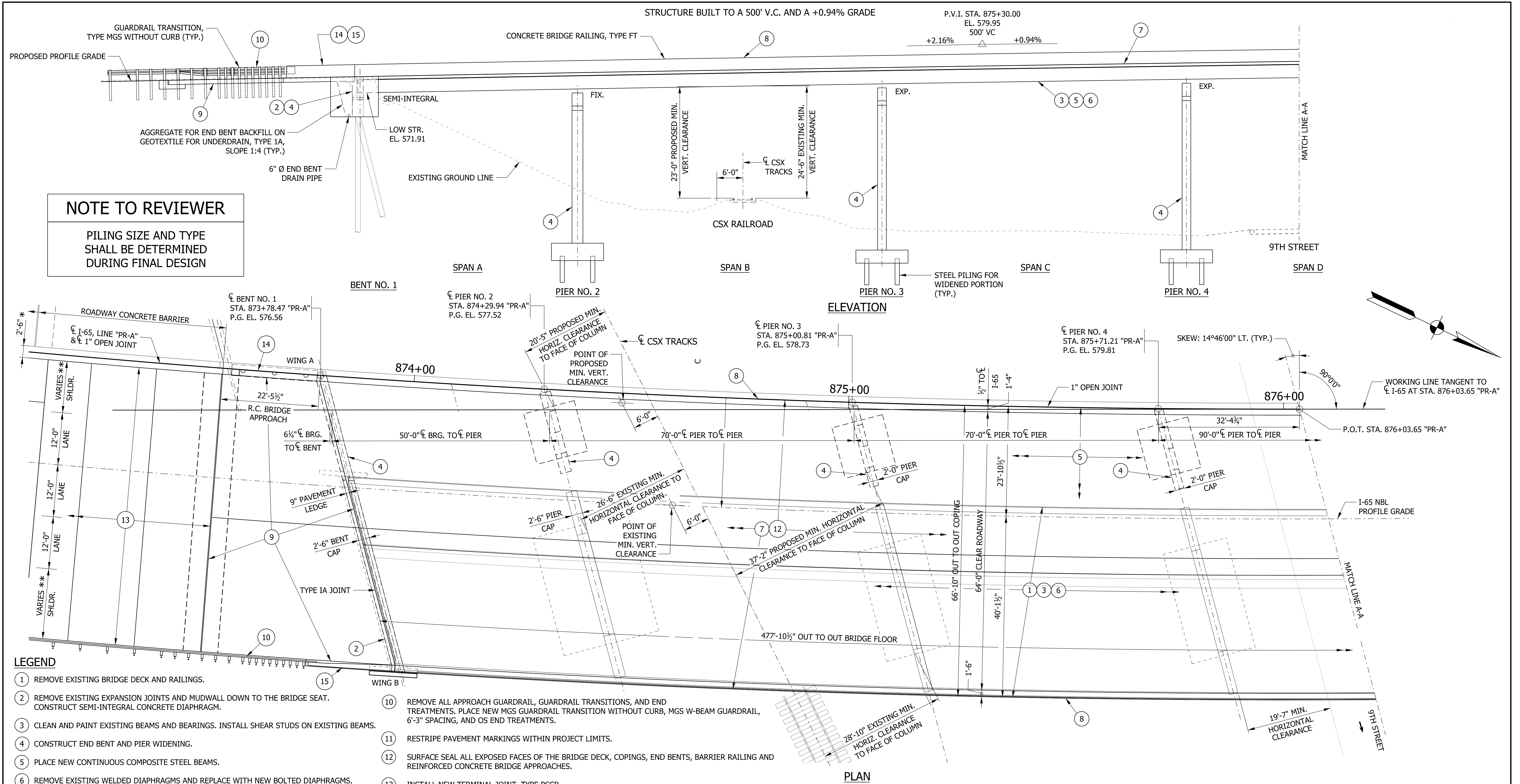
CONTINUOUS COMPOSITE STEEL BEAM BRIDGE
 6 SPANS: 50'-0", 80'-6", 80'-6", 90'-0", 105'-0", 90'-0"
 SKEW: 14°46'00" LT. TO TANGENT
 CLEAR ROADWAY 63'-0"
 I-65 SBL OVER CSX R.R., 9TH STREET, BURNETTS CREEK & WABASH TRAIL
 TIPPECANOE COUNTY

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MEW	DRAWN: CLF	
CHECKED: JJO	CHECKED: JJO	

INDIANA
 DEPARTMENT OF TRANSPORTATION
 LAYOUT - SBL

SCALE	BRIDGE FILE
1"=30'	I65-177-02402 JDSBL
VERTICAL SCALE	DESIGNATION
1"=10'	2002115
SURVEY BOOK	SHEETS
ELECTRONIC	14 of 30
CONTRACT	PROJECT
R-42909	2001172

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NOTE TO REVIEWER

PIILING SIZE AND TYPE SHALL BE DETERMINED DURING FINAL DESIGN

LEGEND

- ① REMOVE EXISTING BRIDGE DECK AND RAILINGS.
 - ② REMOVE EXISTING EXPANSION JOINTS AND MUDWALL DOWN TO THE BRIDGE SEAT. CONSTRUCT SEMI-INTEGRAL CONCRETE DIAPHRAGM.
 - ③ CLEAN AND PAINT EXISTING BEAMS AND BEARINGS. INSTALL SHEAR STUDS ON EXISTING BEAMS.
 - ④ CONSTRUCT END BENT AND PIER WIDENING.
 - ⑤ PLACE NEW CONTINUOUS COMPOSITE STEEL BEAMS.
 - ⑥ REMOVE EXISTING WELDED DIAPHRAGMS AND REPLACE WITH NEW BOLTED DIAPHRAGMS.
 - ⑦ CONSTRUCT NEW FULL WIDTH COMPOSITE CONCRETE DECK.
 - ⑧ CONSTRUCT NEW TYPE FT CONCRETE BRIDGE RAILING AND INSTALL BARRIER DELINEATORS ON RAILING FACE AT 40'-0" MAX. SPACING.
 - ⑨ REMOVE AND REPLACE EXISTING APPROACH SLABS WITH NEW FULL WIDTH APPROACH SLABS. INSTALL TYPE I-A JOINT INTERFACE OF APPROACH SLAB AND CONCRETE BRIDGE DECK.
 - ⑩ REMOVE ALL APPROACH GUARDRAIL, GUARDRAIL TRANSITIONS, AND END TREATMENTS. PLACE NEW MGS GUARDRAIL TRANSITION WITHOUT CURB, MGS W-BEAM GUARDRAIL, 6'-3" SPACING, AND OS END TREATMENTS.
 - ⑪ RESTRIPE PAVEMENT MARKINGS WITHIN PROJECT LIMITS.
 - ⑫ SURFACE SEAL ALL EXPOSED FACES OF THE BRIDGE DECK, COPINGS, END BENTS, BARRIER RAILING AND REINFORCED CONCRETE BRIDGE APPROACHES.
 - ⑬ INSTALL NEW TERMINAL JOINT, TYPE PCCP.
 - ⑭ CONSTRUCT NEW CONCRETE BRIDGE RAILING, TYPE FT ON APPROACH SLAB EXTENSIONS.
 - ⑮ CONSTRUCT NEW CONCRETE BRIDGE RAILING TRANSITION, TYPE TFT ON APPROACH SLAB EXTENSIONS.
 - ⑯ REMOVE EXISTING EXPANSION JOINTS AND TOP OF MUDWALL DOWN TO THE PAVEMENT LEDGE. INSTALL NEW EXPANSION JOINT, CLASS M.
- * ROADWAY MEDIAN BARRIER TRANSITIONS TO BARRIER WIDTH ON BRIDGE.
 ** SHOULDER WIDTH VARIES FROM 12'-0" TYPICAL TO MATCH SHOULDER WIDTH ON BRIDGE.

NOTES:

1. FOR CSX RAILROAD NOTES, GENERAL NOTES AND DESIGN DATA, SEE SHEET GP-07.

CONTINUOUS COMPOSITE STEEL BEAM BRIDGE
 6 SPANS: 50'-0", 70'-0", 70'-0", 90'-0", 105'-0", 90'-0"
 SKEW: 14°46'00" LT. TO TANGENT
 CLEAR ROADWAY 64'-0"
 I-65 NBL OVER CSX R.R., 9TH STREET, BURNETTS CREEK
 & WABASH TRAIL
 TIPPECANOE COUNTY

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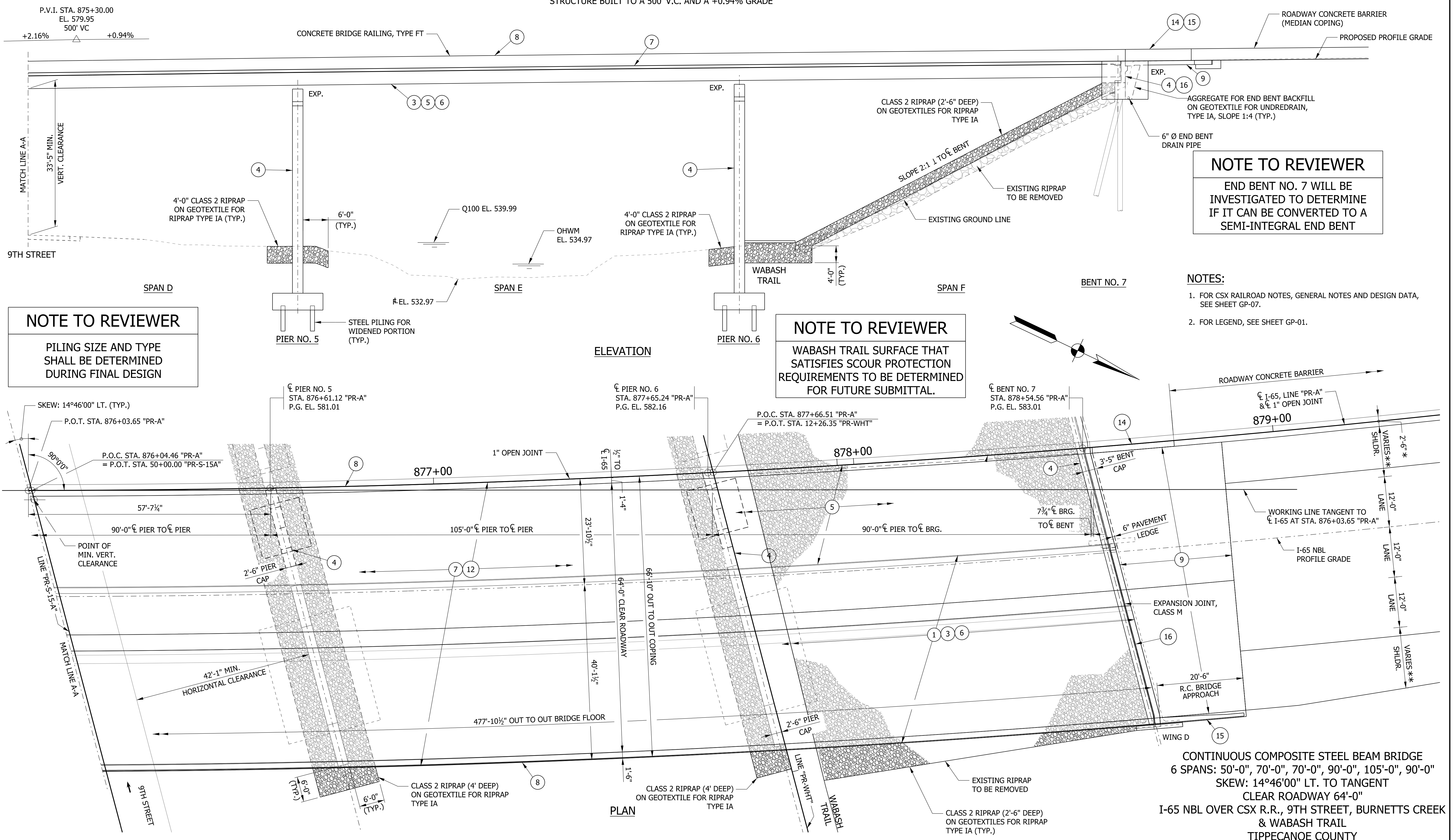
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DESIGNED: MEW	DRAWN: CLF	
CHECKED: JJO	CHECKED: JJO	

INDIANA
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN - NBL

SCALE	BRIDGE FILE
3/2" = 1'-0"	165-177-02402 CNBL & JDSBL
VERTICAL SCALE	DESIGNATION
3/2" = 1'-0"	2002114 & 2002115
SURVEY BOOK	SHEETS
ELECTRONIC	15 of 30
CONTRACT	PROJECT
R-42909	2001172

STRUCTURE BUILT TO A 500' V.C. AND A +0.94% GRADE



NOTE TO REVIEWER
 END BENT NO. 7 WILL BE INVESTIGATED TO DETERMINE IF IT CAN BE CONVERTED TO A SEMI-INTEGRAL END BENT

NOTE TO REVIEWER
 PILING SIZE AND TYPE SHALL BE DETERMINED DURING FINAL DESIGN

NOTE TO REVIEWER
 WABASH TRAIL SURFACE THAT SATISFIES SCOUR PROTECTION REQUIREMENTS TO BE DETERMINED FOR FUTURE SUBMITTAL.

- NOTES:**
1. FOR CSX RAILROAD NOTES, GENERAL NOTES AND DESIGN DATA, SEE SHEET GP-07.
 2. FOR LEGEND, SEE SHEET GP-01.

ELEVATION

PLAN

CONTINUOUS COMPOSITE STEEL BEAM BRIDGE
 6 SPANS: 50'-0", 70'-0", 70'-0", 90'-0", 105'-0", 90'-0"
 SKEW: 14°46'00" LT. TO TANGENT
 CLEAR ROADWAY 64'-0"
 I-65 NBL OVER CSX R.R., 9TH STREET, BURNETTS CREEK & WABASH TRAIL
 TIPPECANOE COUNTY

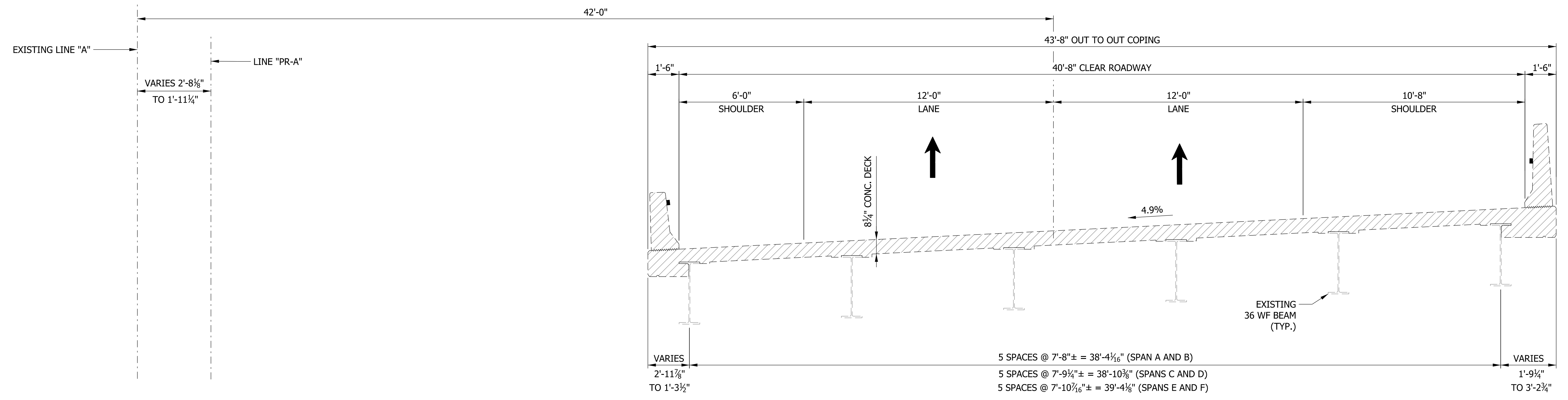
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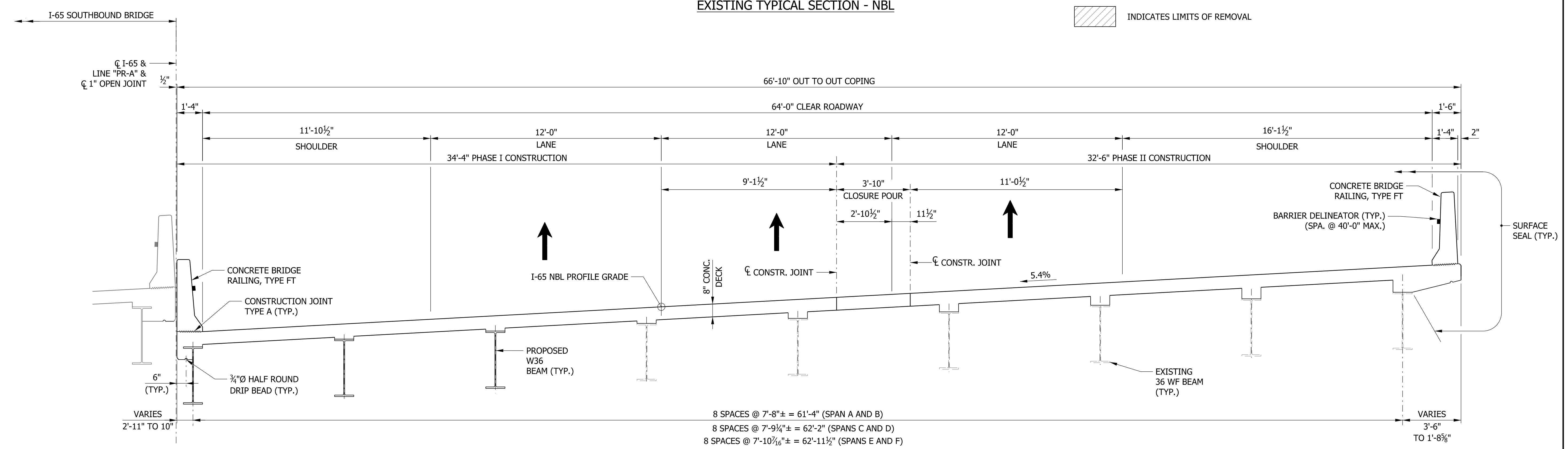
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DESIGNED: MEW	DRAWN: CLF	
CHECKED: JJO	CHECKED: JJO	

INDIANA DEPARTMENT OF TRANSPORTATION
 GENERAL PLAN - NBL

SCALE	BRIDGE FILE
3/8" = 1'-0"	165-177-02402 CNBL & JDSBL
VERTICAL SCALE	DESIGNATION
3/8" = 1'-0"	2002114 & 2002115
SURVEY BOOK	SHEETS
ELECTRONIC	16 of 30
CONTRACT	PROJECT
R-42909	2001172



EXISTING TYPICAL SECTION - NBL



PROPOSED TYPICAL SECTION - NBL

CONTINUOUS COMPOSITE STEEL BEAM BRIDGE
 6 SPANS: 50'-0", 70'-0", 70'-0", 90'-0", 105'-0", 90'-0"
 SKEW: 14°46'00" LT. TO TANGENT
 CLEAR ROADWAY 64'-0"
 I-65 NBL OVER CSX R.R., 9TH STREET, BURNETTS CREEK
 & WABASH TRAIL
 TIPPECANOE COUNTY

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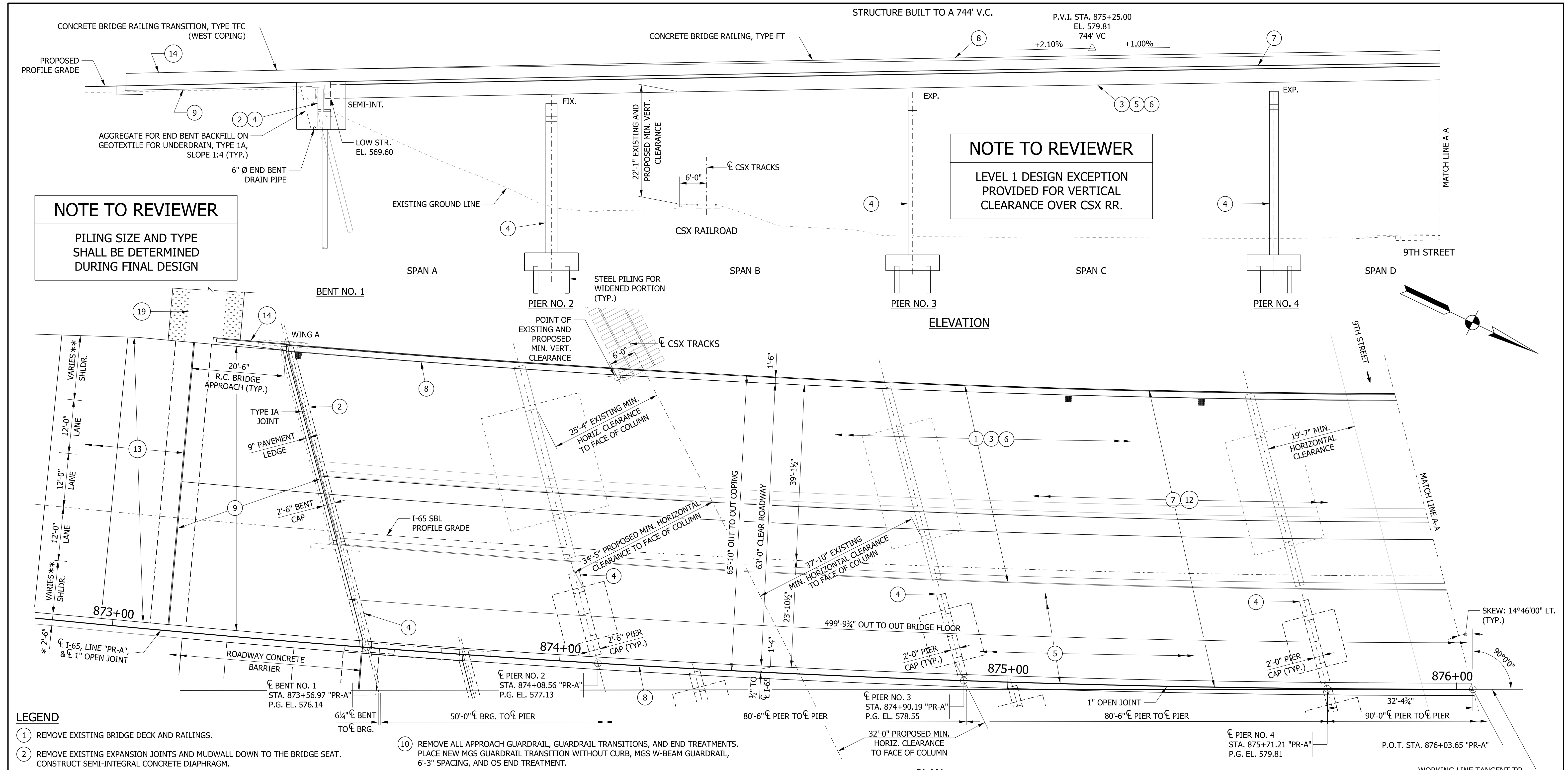
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MEW	DRAWN: CLF	
CHECKED: JJO	CHECKED: JJO	

INDIANA
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN - NBL

SCALE	BRIDGE FILE
3/8" = 1'-0"	165-177-02402 CNBL & JDSBL
VERTICAL SCALE	DESIGNATION
3/8" = 1'-0"	2002114 & 2002115
SURVEY BOOK	SHEETS
ELECTRONIC	17 of 30
CONTRACT	PROJECT
R-42909	2001172



NOTE TO REVIEWER
 PILING SIZE AND TYPE SHALL BE DETERMINED DURING FINAL DESIGN

NOTE TO REVIEWER
 LEVEL 1 DESIGN EXCEPTION PROVIDED FOR VERTICAL CLEARANCE OVER CSX RR.

LEGEND

- 1 REMOVE EXISTING BRIDGE DECK AND RAILINGS.
- 2 REMOVE EXISTING EXPANSION JOINTS AND MUDWALL DOWN TO THE BRIDGE SEAT. CONSTRUCT SEMI-INTEGRAL CONCRETE DIAPHRAGM.
- 3 CLEAN AND PAINT EXISTING BEAMS AND BEARINGS. INSTALL SHEAR STUDS ON EXISTING BEAMS.
- 4 CONSTRUCT END BENT AND PIER WIDENING.
- 5 PLACE NEW CONTINUOUS COMPOSITE STEEL BEAMS.
- 6 REMOVE EXISTING WELDED DIAPHRAGMS AND REPLACE WITH NEW BOLTED DIAPHRAGMS.
- 7 CONSTRUCT NEW FULL WIDTH COMPOSITE CONCRETE DECK.
- 8 CONSTRUCT NEW TYPE FT CONCRETE BRIDGE RAILING AND INSTALL BARRIER DELINEATORS ON RAILING FACE AT 40'-0" MAX. SPACING.
- 9 REMOVE AND REPLACE EXISTING APPROACH SLABS WITH NEW FULL WIDTH APPROACH SLABS. INSTALL TYPE I-A JOINT INTERFACE OF APPROACH SLAB AND CONCRETE BRIDGE DECK.
- 10 REMOVE ALL APPROACH GUARDRAIL, GUARDRAIL TRANSITIONS, AND END TREATMENTS. PLACE NEW MGS GUARDRAIL TRANSITION WITHOUT CURB, MGS W-BEAM GUARDRAIL, 6'-3" SPACING, AND OS END TREATMENT.
- 11 RESTRIPE PAVEMENT MARKINGS WITHIN PROJECT LIMITS.
- 12 SURFACE SEAL ALL EXPOSED FACES OF THE BRIDGE DECK, COPINGS, END BENTS, BARRIER RAILING AND REINFORCED CONCRETE BRIDGE APPROACHES.
- 13 INSTALL NEW TERMINAL JOINT, TYPE PCCP.
- 14 CONSTRUCT NEW CONCRETE BRIDGE RAILING, TYPE FT ON APPROACH SLAB EXTENSIONS.
- 15 CONSTRUCT NEW CONCRETE BRIDGE RAILING TRANSITION, TYPE TFT ON APPROACH SLAB EXTENSIONS.
- 16 REMOVE EXISTING EXPANSION JOINTS AND TOP OF MUDWALL DOWN TO THE PAVEMENT LEDGE. INSTALL NEW EXPANSION JOINT, CLASS M.
- 17 INSTALL RIPRAP TURNOUT AT THE END OF THE CONCRETE BRIDGE RAILING TRANSITION.

NOTES:

- 1. FOR CSX RAILROAD NOTES, GENERAL NOTES AND DESIGN DATA, SEE SHEET NO. GP-07.

CONTINUOUS COMPOSITE STEEL BEAM BRIDGE
 6 SPANS: 50'-0", 80'-6", 80'-6", 90'-0", 105'-0", 90'-0"
 SKEW: 14°46'00" LT. TO TANGENT
 CLEAR ROADWAY 63'-0"
 I-65 SBL OVER CSX R.R., 9TH STREET, BURNETTS CREEK & WABASH TRAIL
 TIPPECANOE COUNTY

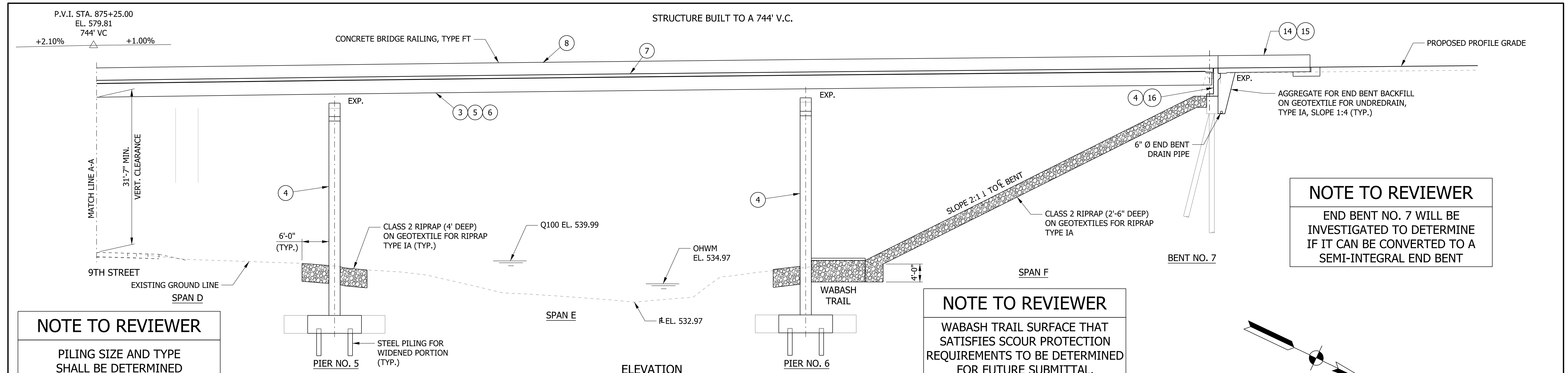
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MEW	DRAWN: CLF	
CHECKED: JJO	CHECKED: JJO	

INDIANA
 DEPARTMENT OF TRANSPORTATION
 GENERAL PLAN - SBL

SCALE	BRIDGE FILE
3/8" = 1'-0"	165-177-02402 CNBL & JDSBL
VERTICAL SCALE	DESIGNATION
3/8" = 1'-0"	2002114 & 2002115
SURVEY BOOK	SHEETS
ELECTRONIC	18 of 30
CONTRACT	PROJECT
R-42909	2001172

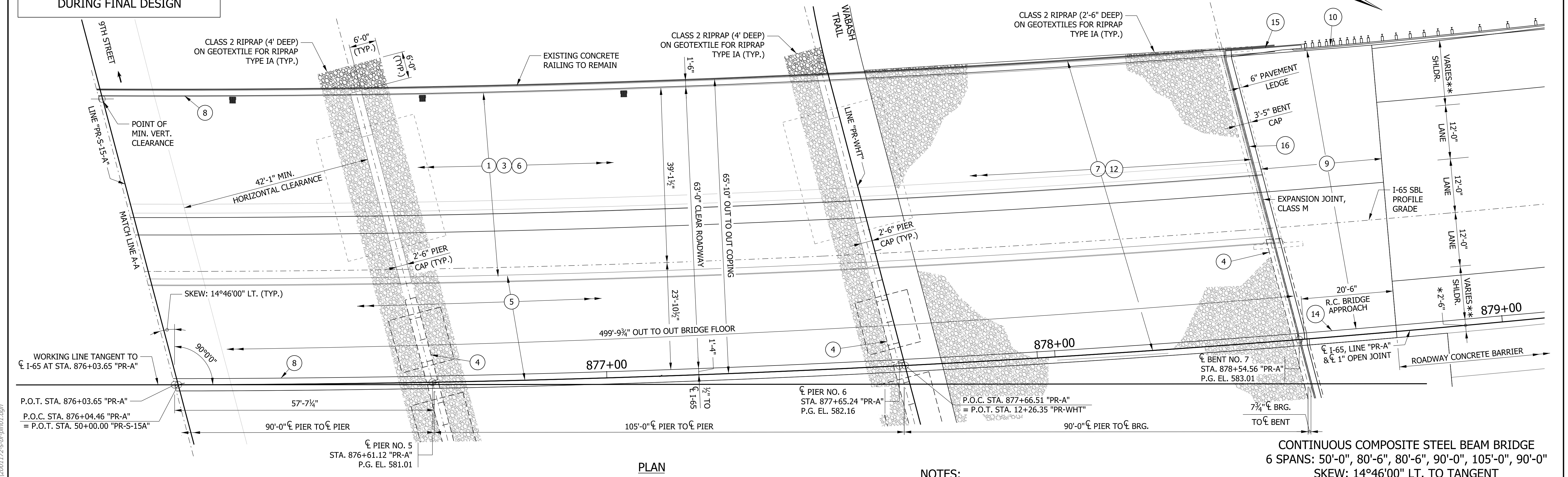
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NOTE TO REVIEWER
 PILING SIZE AND TYPE SHALL BE DETERMINED DURING FINAL DESIGN

NOTE TO REVIEWER
 WABASH TRAIL SURFACE THAT SATISFIES SCOUR PROTECTION REQUIREMENTS TO BE DETERMINED FOR FUTURE SUBMITTAL.

NOTE TO REVIEWER
 END BENT NO. 7 WILL BE INVESTIGATED TO DETERMINE IF IT CAN BE CONVERTED TO A SEMI-INTEGRAL END BENT



- NOTES:**
- FOR CSX RAILROAD NOTES, GENERAL NOTES AND DESIGN DATA, SEE SHEET GP-07.
 - FOR LEGEND, SEE SHEET GP-04.

CONTINUOUS COMPOSITE STEEL BEAM BRIDGE
 6 SPANS: 50'-0", 80'-6", 80'-6", 90'-0", 105'-0", 90'-0"
 SKEW: 14°46'00" LT. TO TANGENT
 CLEAR ROADWAY 63'-0"
 I-65 SBL OVER CSX R.R., 9TH STREET, BURNETTS CREEK & WABASH TRAIL
 TIPPECANOE COUNTY

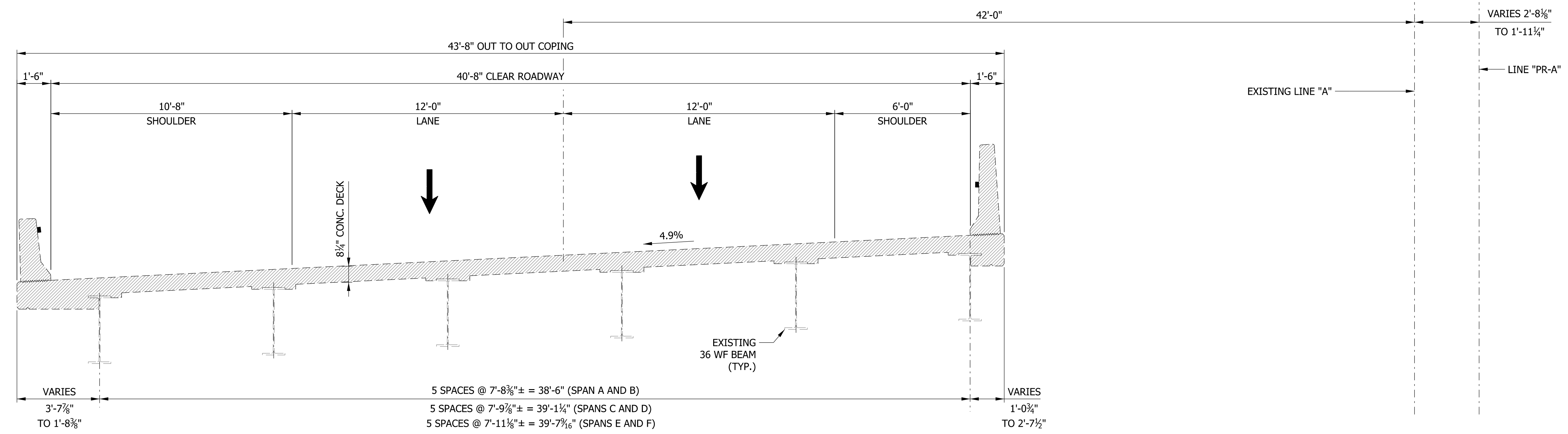
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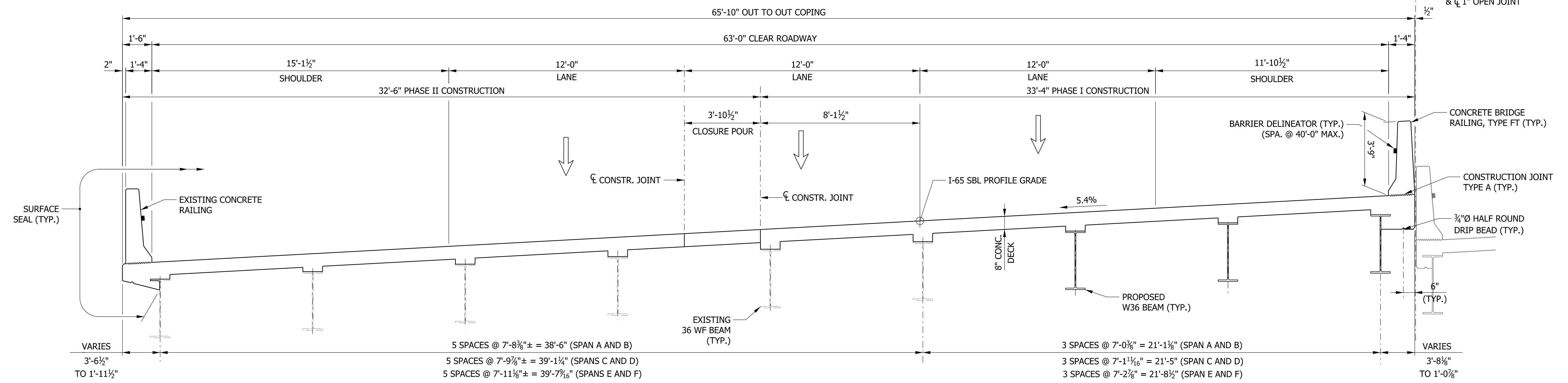
INDIANA
 DEPARTMENT OF TRANSPORTATION
 GENERAL PLAN - SBL

SCALE	BRIDGE FILE
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VERTICAL SCALE	DESIGNATION
3/8" = 1'-0"	2002114 & 2002115
SURVEY BOOK	SHEETS
ELECTRONIC	19 of 30
CONTRACT	PROJECT
R-42909	2001172



EXISTING TYPICAL SECTION - SBL

INDICATES LIMITS OF REMOVAL



PROPOSED TYPICAL SECTION - SBL

CONTINUOUS COMPOSITE STEEL BEAM BRIDGE
 6 SPANS: 50'-0", 80'-6", 80'-6", 90'-0", 105'-0", 90'-0"
 SKEW: 14°46'00" LT. TO TANGENT
 CLEAR ROADWAY 63'-0"
 I-65 SBL OVER CSX R.R., 9TH STREET, BURNETTS CREEK
 & WABASH TRAIL
 TIPPECANOE COUNTY

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INDIANA
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN - SBL

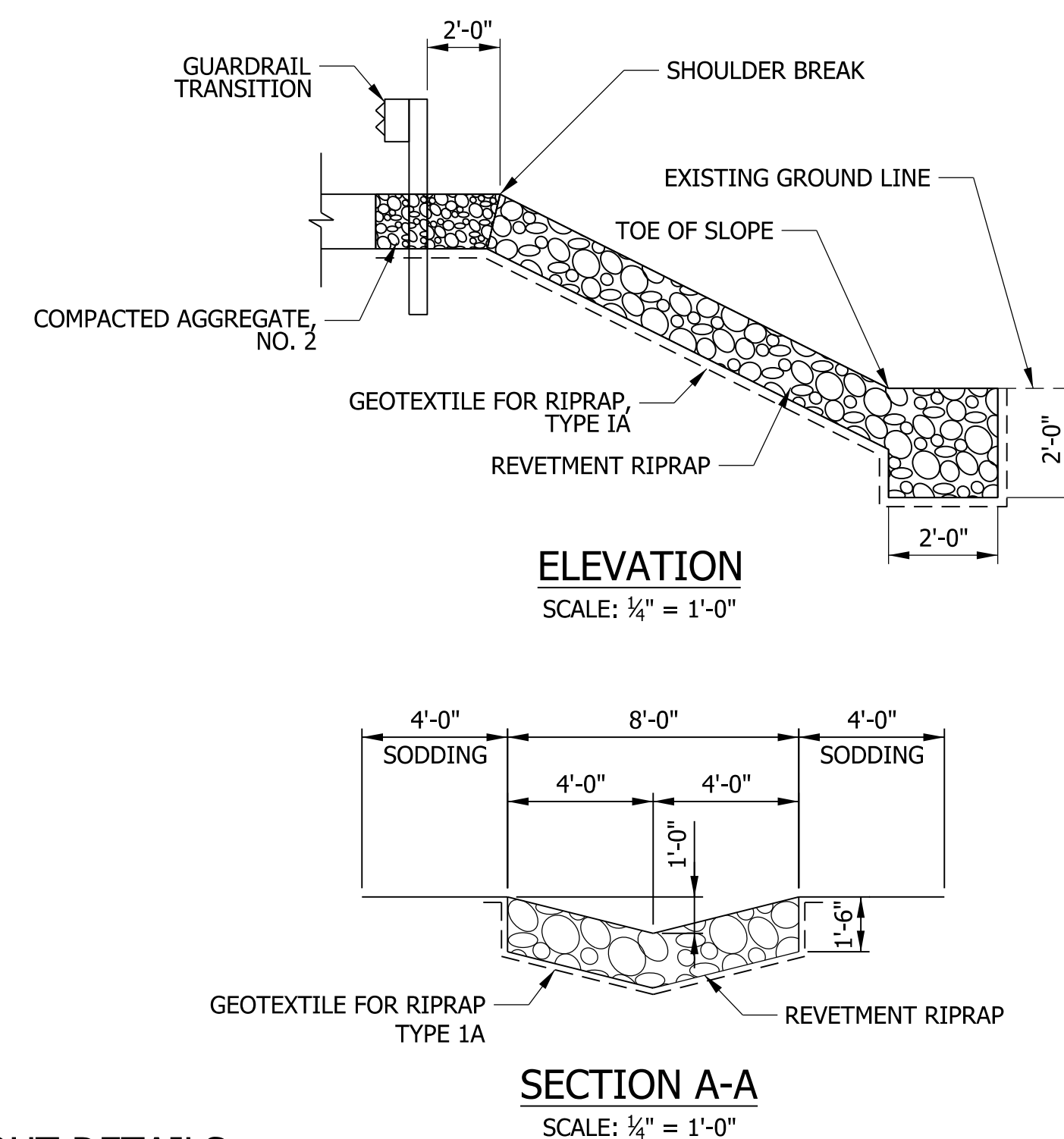
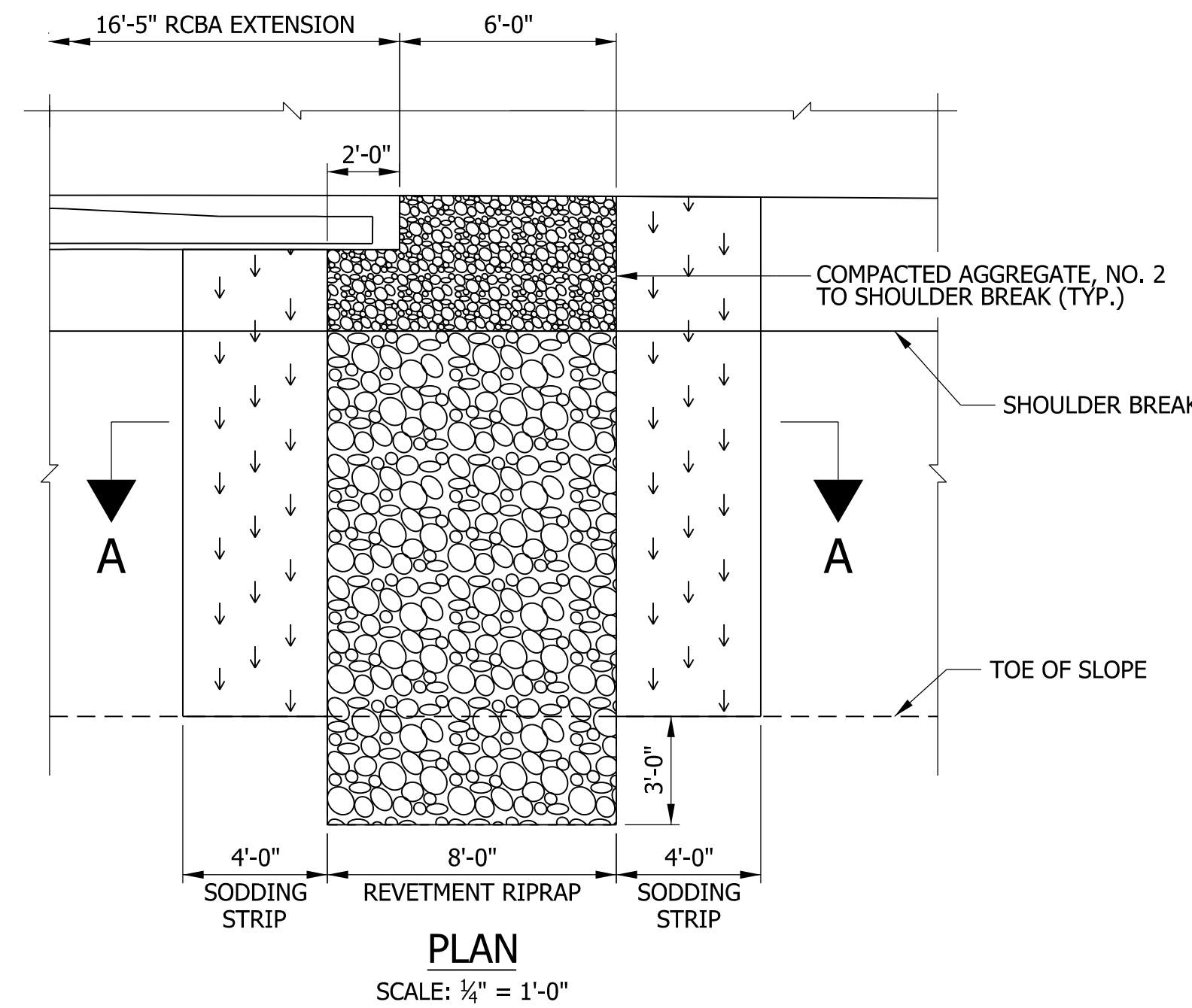
SCALE	BRIDGE FILE
3/8" = 1'-0"	165-177-02402 CNBL & JDSBL
VERTICAL SCALE	DESIGNATION
3/8" = 1'-0"	2002114 & 2002115
SURVEY BOOK	SHEETS
ELECTRONIC	20 of 30
CONTRACT	PROJECT
R-42909	2001172

NOTES FOR CSX RAILROAD:

- PLANS AND SPECIFICATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT CSX TRANSPORTATION CRITERIA FOR OVERHEAD BRIDGES, DATE ISSUED JULY 2017.
- CSX VALUATION STATION AND DISTANCE FROM THE NEAREST MILEPOST AT INTERSECTION OF CENTERLINE TRACK AND CENTERLINE BRIDGE SHALL BE FURNISHED IN FUTURE SUBMITTAL.
- PROTECTIVE FENCING WILL NOT BE INSTALLED SINCE THIS IS A NON-PEDESTRIAN, LIMITED ACCESS FREEWAY.
- ALL HIGHWAY AND BRIDGE DRAINAGE SHALL BE DIRECTED AWAY FROM THE RAILROAD RIGHT-OF-WAY.
- IF TEMPORARY SHORING IS REQUIRED FOR THE PROPOSED PIERS, CONSTRUCTION AND EXCAVATION SHALL BE IN ACCORDANCE WITH INDOT AND CSX SPECIFICATION REQUIREMENTS.
- AFTER CONSTRUCTION IS COMPLETE, EXISTING DITCHES SHALL BE RESTORED TO ORIGINAL CONDITION.
- PROPOSED METHOD OF EROSION CONTROL SHALL BE PROVIDED IN A FUTURE SUBMITTAL.
- ALL WASTE MATERIALS GENERATED BY THIS PROJECT, INCLUDING WASHING WITH WATER, CLEANING SOLVENTS, BLASTING, SCRAPING, BRUSHING, AND PAINTING OPERATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE CONTAINED, COLLECTED, AND PROPERLY DISPOSED OF BY THE CONTRACTOR. THE CONTRACTOR SHALL AGREE TO FULLY COMPLY WITH ALL FEDERAL, STATE, AND LOCAL ENVIRONMENTAL LAWS, REGULATIONS, STATUTES, AND ORDINANCES AT ALL TIMES.
- THE PROPOSED PIER IS LOCATED IN INDOT AND CSX RAILROAD RIGHT OF WAY THEREFORE REQUIRING AN EASEMENT SIMILAR TO THE EXISTING PIER. HORIZONTAL CLEARANCE REQUIREMENTS FOR CSX RAILROAD CONSTRAIN THE PROPOSED PIER TO THE SAME LOCATION AS EXISTING. A LEGAL DESCRIPTION AND EASEMENT REQUEST FROM INDOT IS FORTHCOMING.
- REFER TO THE CSX TRANSPORTATION PUBLIC PROJECT INFORMATION MANUAL FOR ADDITIONAL REQUIREMENTS NEEDED FOR WORKING ON/ABOVE/ADJACENT TO CSX. SPECIFIC SECTIONS THAT PERTAIN TO THIS PROJECT ARE: SPECIAL PROVISIONS FOR CONSTRUCTION NEAR CSXT PROPERTY, OVERHEAD BRIDGE CRITERIA, CONSTRUCTION SUBMISSION CRITERIA, SOIL AND WATER MANAGEMENT POLICY, AND INSURANCE REQUIREMENTS FOR PUBLIC PROJECTS.
- UPON COMPLETION OF CONSTRUCTION, A FULL SET OF ELECTRONIC AS-BUILT DRAWINGS, SHOWING ACTUAL MEASURED VERTICAL AND HORIZONTAL CLEARANCES, SHALL BE FURNISHED TO CSX.
- CONTRACTOR ACCESS WILL BE LIMITED TO THE IMMEDIATE PROJECT AREA ONLY. THE CSX RIGHT-OF-WAY OUTSIDE THE PROJECT AREA MAY NOT BE USED FOR CONTRACTOR ACCESS TO THE PROJECT SITE AND NO TEMPORARY AT-GRADE CROSSINGS WILL BE ALLOWED.
- CSX MAY REQUIRE THE CONTRACTOR TO INSTALL FILTER FABRIC OVER THE TRACK(S) AND BALLAST TO PREVENT ANY CONSTRUCTION DEBRIS FROM FOULING THE BALLAST. THIS WILL BE DETERMINED DURING ACTUAL CONSTRUCTION ACTIVITIES BY CSX OR ITS REPRESENTATIVE. FABRIC WILL REMAIN IN PLACE UNTIL ALL CONSTRUCTION ACTIVITIES ARE COMPLETE.
- IF CONTRACTOR HAS THE POTENTIAL TO PENETRATE THE DECK DURING THE DECK REHABILITATION WORK, THEN CONTRACTOR WILL BE REQUIRED TO INSTALL FALSEWORK/DEMO SHIELD PROTECTION DIRECTLY OVER THE CSX RAILROAD SPAN. THE FALSEWORK/DEMO SHIELD PROTECTION WILL BE INSTALLED PRIOR TO THE DECK BEING PENETRATED AND WILL STAY IN PLACE FOR THE DURATION OF THE CONSTRUCTION ACTIVITIES. THE FALSEWORK/DEMO SHIELD SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE TO CSX'S CONSTRUCTION SUBMISSION CRITERIA.
- THE CONTRACTOR MAY NOT USE CSX RIGHT-OF-WAY FOR STORAGE OF MATERIALS OR EQUIPMENT DURING CONSTRUCTION WITHOUT PRIOR CSX APPROVAL. THE CSX RIGHT-OF-WAY MUST REMAIN CLEAR FOR RAILROAD USE AT ALL TIMES. EQUIPMENT MAY NOT BE POSITIONED TO BLOCK THE RAILROAD ACCESS ROAD, TRACK AREA OR ANY PART OF THE CSX RIGHT-OF-WAY WITHOUT PRIOR CSX APPROVAL.
- TEMPORARY CONSTRUCTION CLEARANCE - ENSURE ALL FALSEWORK, BRACING OR FORMS HAVE A MINIMUM HORIZONTAL CLEARANCE OF 12 FEET MEASURED PERPENDICULAR TO THE CENTERLINE OF THE NEAREST TRACK, AND A MINIMUM VERTICAL CLEARANCE OF 22 FEET AS MEASURED FROM THE TOP OF RAIL PROFILE.
- EXISTING TRACK DITCHES MUST BE MAINTAINED AT ALL TIMES THROUGHOUT THE CONSTRUCTION PERIOD. AFTER THE CONSTRUCTION HAS BEEN COMPLETED, ALL EROSION AND SILTATION MUST BE REMOVED AND THE DITCHES MUST BE RESTORED.
- THE CONTRACTOR WILL BE REQUIRED TO ABIDE BY THE PROVISIONS OF THE AGENCY/CSX CONSTRUCTION AGREEMENT. PERIODICALLY, THROUGHOUT THE PROJECT DURATION, THE CONTRACTOR WILL BE REQUIRED TO MEET, DISCUSS AND, IF NECESSARY, TAKE IMMEDIATE ACTION AT THE DISCRETION OF CSX PERSONNEL AND/OR THEIR AUTHORIZED REPRESENTATIVE, TO COMPLY WITH PROVISIONS OF THAT AGREEMENT AND THESE SPECIFICATIONS.
- CSX SHALL BE NOTIFIED AT LEAST 5 DAYS IN ADVANCE OF THE PRE-CONSTRUCTION MEETING.
- UPON COMPLETION OF THE WORK ON CSXT PROPERTY, THE CONTRACTOR SHALL REQUEST THE OWNER TO ARRANGE A FINAL INSPECTION OF THE PROJECT WITH THE RAILROAD'S PROJECT ENGINEER OR HIS AUTHORIZED REPRESENTATIVE.
- CSX HAS SOLE AUTHORITY TO DETERMINE THE NEED FOR TRACK PROTECTION REQUIRED TO PROTECT ITS OPERATIONS AND PROPERTY. IN GENERAL, TRACK PROTECTION WILL BE REQUIRED WHENEVER CONTRACTOR OR EQUIPMENT ARE, OR ARE LIKELY TO BE, WORKING WITHIN FIFTY FEET OF TRACK OR OTHER TRACK CLEARANCES AS SPECIFIED BY CSX.

NOTE TO REVIEWER

VALUES AND SEISMIC DATA TO BE POPULATED FOR FUTURE SUBMISSION



RIPRAP TURNOUT DETAILS

GENERAL NOTES

WHERE NEW WORK IS TO BE FITTED TO OLD WORK, THE CONTRACTOR SHALL CHECK ALL DIMENSIONS AND CONDITIONS IN THE FIELD AND REPORT ALL ERRORS OR DISCREPANCIES TO THE ENGINEER AND ASSUME RESPONSIBILITY FOR THEIR CORRECTNESS AND FIT OF THE NEW PART TO THE OLD.

REINFORCING BAR COVER SHALL BE 2" UNLESS OTHERWISE NOTED.

EPOXY RESIN ADHESIVE SHALL BE USED WHERE NEW CONCRETE ABUTS EXISTING CONCRETE.

CLEAN AND SURFACE SEAL ALL EXPOSED FACES OF THE CONCRETE RAILING, COPING, TRANSITIONS, TOP OF DECK, END BENTS AND WINGWALLS, PIER, AND APPROACH SLABS.

ALL PAVEMENT MARKINGS AND SNOWPLOWABLE RAISED PAVEMENT MARKERS SHALL BE REPLACED IN KIND.

XXX TONS OF NO. 2 STONE AND XXX SYS OF GEOTEXTILES ARE PROVIDED FOR CONSTRUCTION ENTRANCES ONTO THE PROJECT SITE.

ALL DIMENSIONS AND ELEVATIONS ARE IN FEET (FT) UNLESS OTHERWISE NOTED.

ALL CONCRETE SHALL BE CLASS "C" UNLESS OTHERWISE NOTED.

DESIGN DATA

DESIGN STRENGTHS	
CLASS "A" CONCRETE	f _c =3,500 psi
CLASS "B" CONCRETE	f _c =3,000 psi
CLASS "C" CONCRETE	f _c =4,000 psi
REINFORCING BARS	f _y =60,000 psi
STRUCTURAL STEEL	f _y =50,000 psi

EXISTING STRUCTURE DESIGNED FOR HS-20 LOADING, IN ACCORDANCE WITH THE AASHTO 1961 SPECIFICATIONS.

LIVE LOAD
SUPERSTRUCTURE AND SUBSTRUCTURE DESIGNED FOR HL-93 LOADING IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 8TH EDITION, 2017.

DEAD LOAD (NORTHBOUND)
DECK DESIGNED WITH 7.5 INCH STRUCTURAL DEPTH AND 0.5 INCH INTEGRAL WEARING SURFACE.

DESIGNED FOR ACTUAL DEAD LOAD PLUS 35 PSF FUTURE WEARING SURFACE (COMPOSITE).

DEAD LOAD (SOUTHBOUND)
DECK DESIGNED WITH 7.75 INCH STRUCTURAL DEPTH AND NO INTEGRAL WEARING SURFACE.

DESIGNED FOR ACTUAL DEAD LOAD PLUS VARIABLE DEPTH CONCRETE OVERLAY (COMPOSITE). LOAD PER BEAM BASED ON ACTUAL OVERLAY THICKNESS WITH A MINIMUM OF 35 PSF.

SEISMIC DESIGN DATA

SEISMIC PERFORMANCE ZONE = X
ACCELERATION COEFFICIENT = Xg
SEISMIC SOIL PROFILE TYPE = SITE CLASS X

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 THE SUPPORT OF THE DECK OVERHANG PAST THE EDGE OF THE EXTERIOR BEAM. 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 BEAM BOTTOM FLANGE AND WEB.

DECK FALSEWORK LOADS

DESIGNED FOR 15 PSF FOR PERMANENT METAL STAY-IN-PLACE DECK FORMS, REMOVABLE DECK FORMS, AND 2 FT EXTERIOR WALKWAY.

CONSTRUCTION LIVE LOAD

DESIGNED FOR 20 PSF EXTENDING 2 FT PAST THE EDGE OF THE COPING AND 75 LB/FT VERTICAL FORCE APPLIED AT A DISTANCE OF 6 IN. 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 STEEL BEAM BRIDGE
6 SPANS: 50'-0", 70'-0", 70'-0", 90'-0", 105'-0", 90'-0" (NBL)
6 SPANS: 50'-0", 80'-6", 80'-6", 90'-0", 105'-0", 90'-0" (SBL)
SKEW: 14°46'00" LT. TO TANGENT
I-65 NBL & SBL OVER CSX R.R., 9TH STREET, BURNETTS CREEK & WABASH TRAIL
TIPPECANOE COUNTY

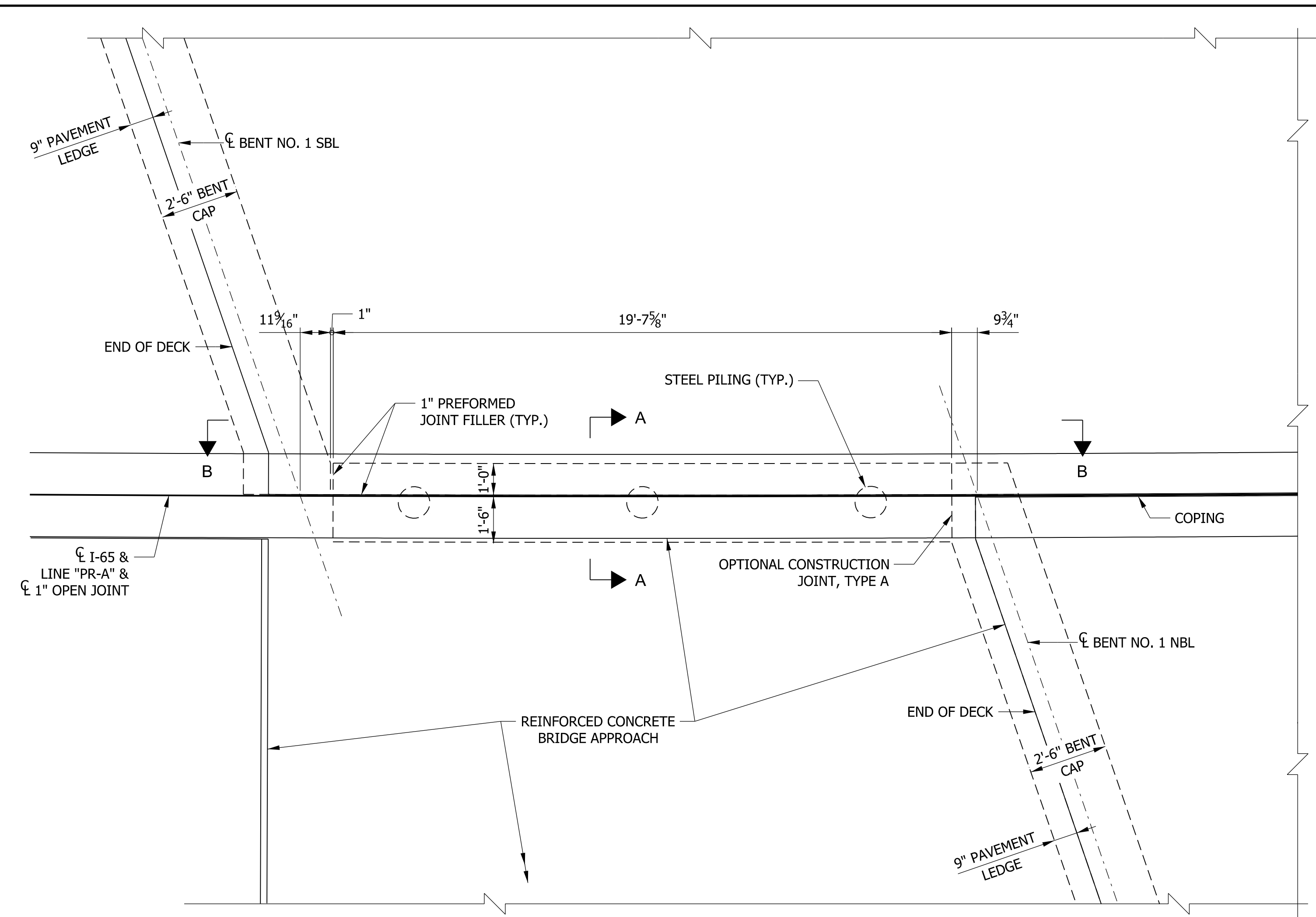
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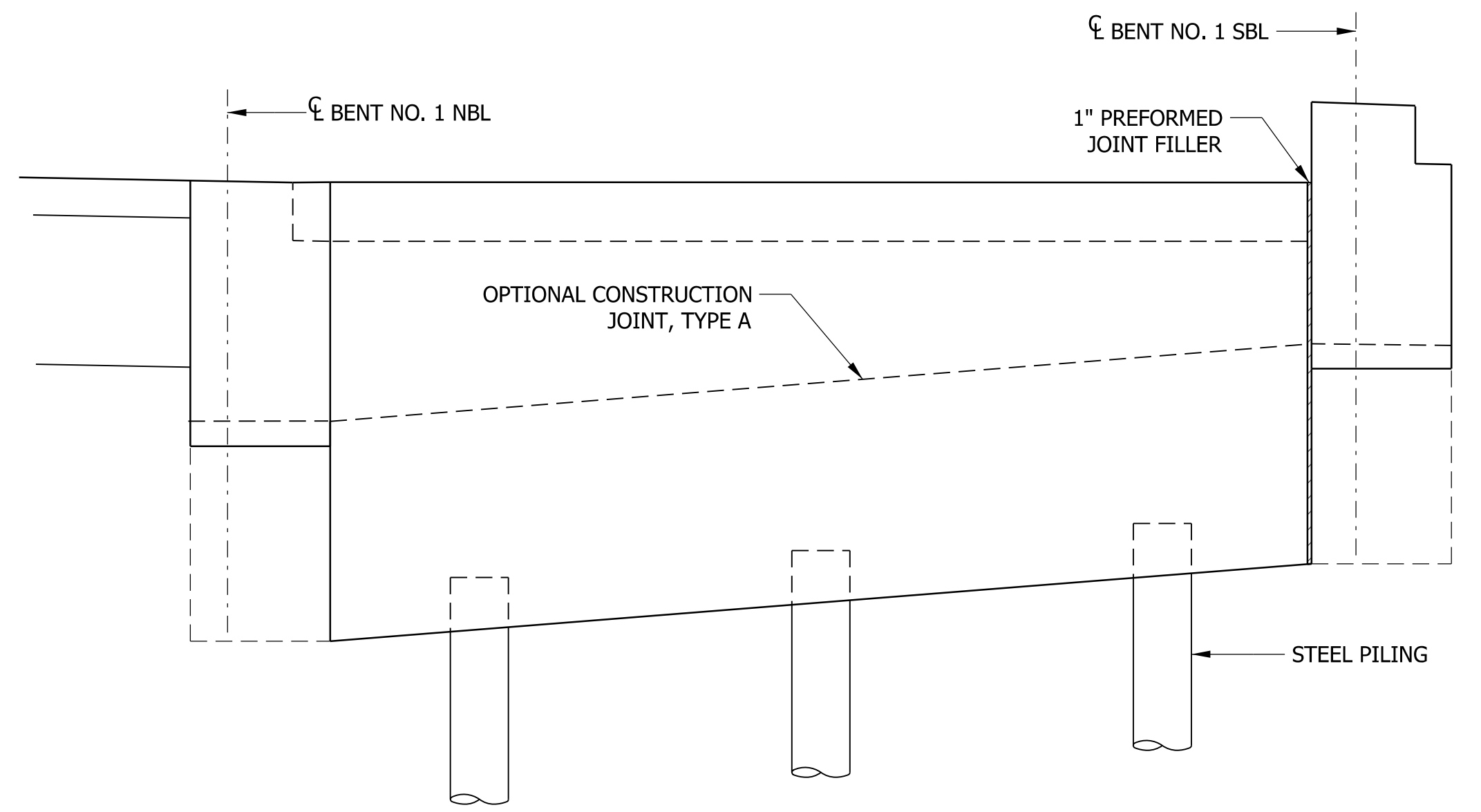
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MEW	DRAWN: CLF	
CHECKED: JJO	CHECKED: JJO	

INDIANA DEPARTMENT OF TRANSPORTATION	
GENERAL PLAN	

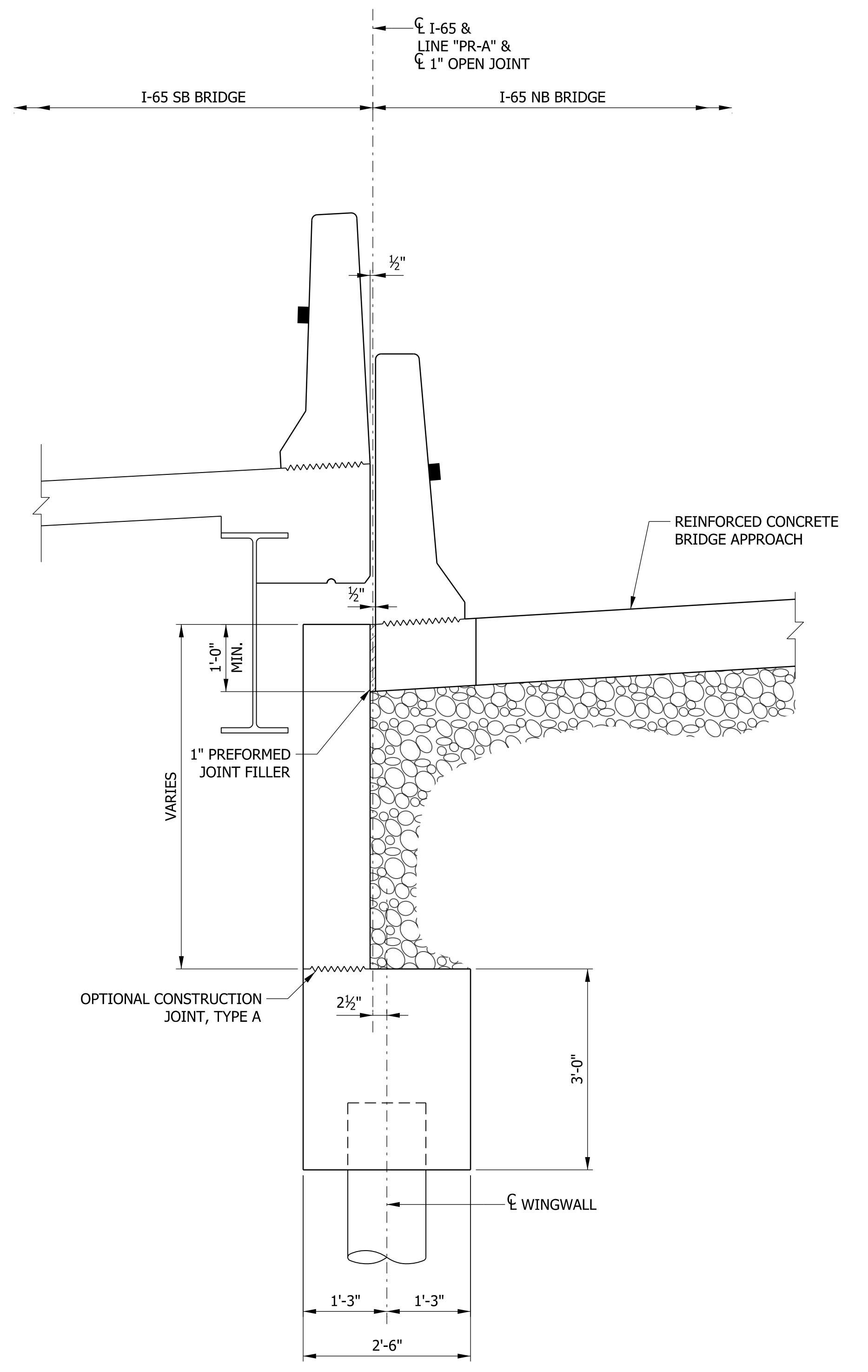
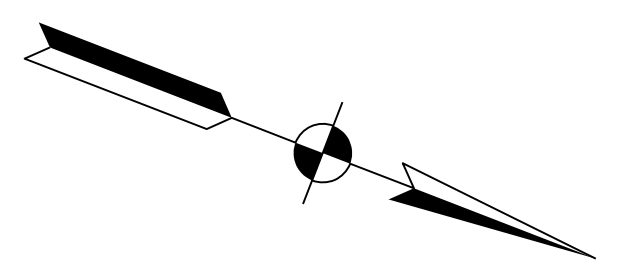
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VERTICAL SCALE	DESIGNATION
N/A	2002114 & 2002115
SURVEY BOOK	SHEETS
ELECTRONIC	21 of 30
CONTRACT	PROJECT
R-42909	2001172



PLAN
SCALE: 3/8" = 1'-0"



SECTION B-B
SCALE: 3/4" = 1'-0"



SECTION A-A
SCALE: 3/4" = 1'-0"

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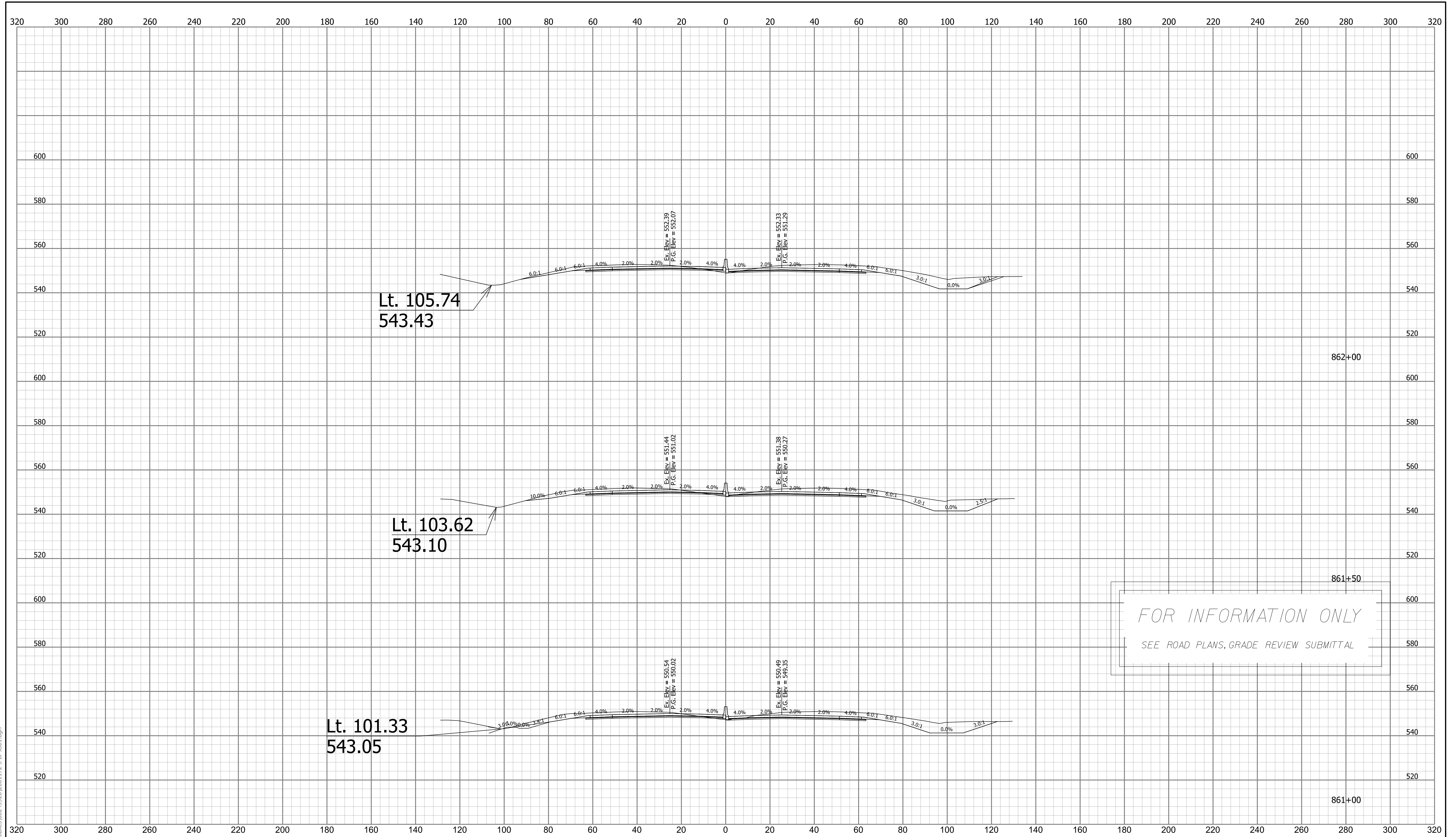
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MEW	DRAWN: CLF	
CHECKED: JJO	CHECKED: JJO	

INDIANA
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

SCALE	BRIDGE FILE
AS NOTED	I65-177-02402 CNBL & JDSBL
VERTICAL SCALE	DESIGNATION
AS NOTED	2002114 & 2002115
SURVEY BOOK	SHEETS MS-01
ELECTRONIC	22 of 30
CONTRACT	PROJECT
R-42909	2001172



FOR INFORMATION ONLY
SEE ROAD PLANS, GRADE REVIEW SUBMITTAL

NOTE TO REVIEWER:

Per IDM 402-6.02(04), a constant cross slope must be provided on a proposed bridge deck in superelevation. The high side shoulders are sloped to meet this requirement. Due to close proximity of 9th Street and Prophets Rock Road, roadway section kept planar for consistency of the corridor. To be coordinated with INDOT at the PFC.

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NOT FOR CONSTRUCTION

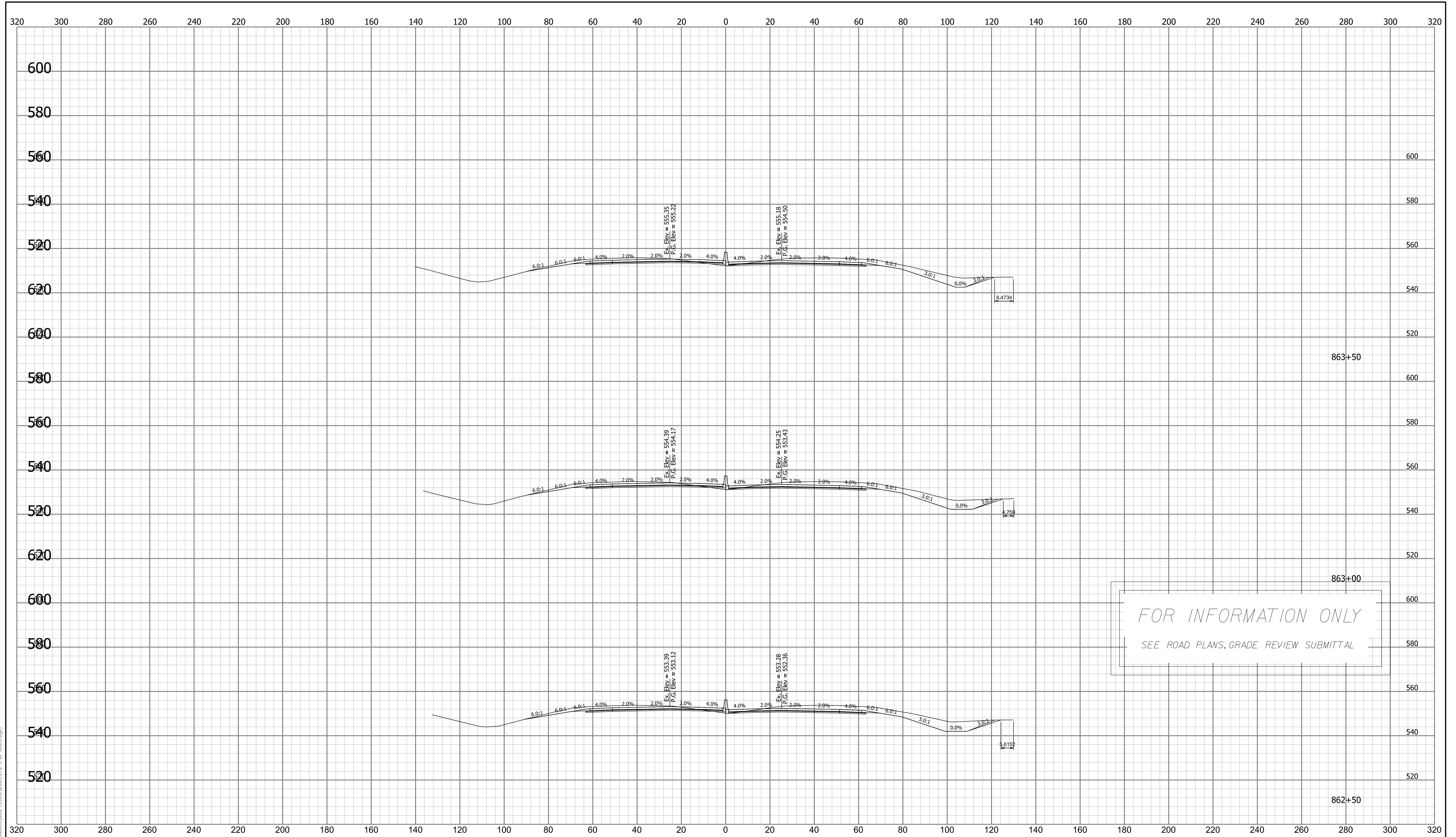
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DESIGNED: _____ DCK _____	DRAWN: _____ DCK _____	
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**INDIANA
DEPARTMENT OF TRANSPORTATION**

**ROAD CROSS SECTIONS
I-65 LINE "PR-A"**

SCALE 3/16"=1'-0"	BRIDGE FILE 165-177-02402 CNBL & JDSBL
VERTICAL SCALE N/A	DESIGNATION 2002114 & 2002115
SURVEY BOOK ELECTRONIC	SHEETS 23 of 30
CONTRACT R-42909	PROJECT 2001172

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FOR INFORMATION ONLY
SEE ROAD PLANS, GRADE REVIEW SUBMITTAL

NOTE TO REVIEWER:

Per IDM 402-6.02(04), a constant cross slope must be provided on a proposed bridge deck in superelevation. The high side shoulders are sloped to meet this requirement. Due to close proximity of 9th Street and Prophets Rock Road, roadway section kept planar for consistency of the corridor. To be coordinated with INDOT at the PFC.

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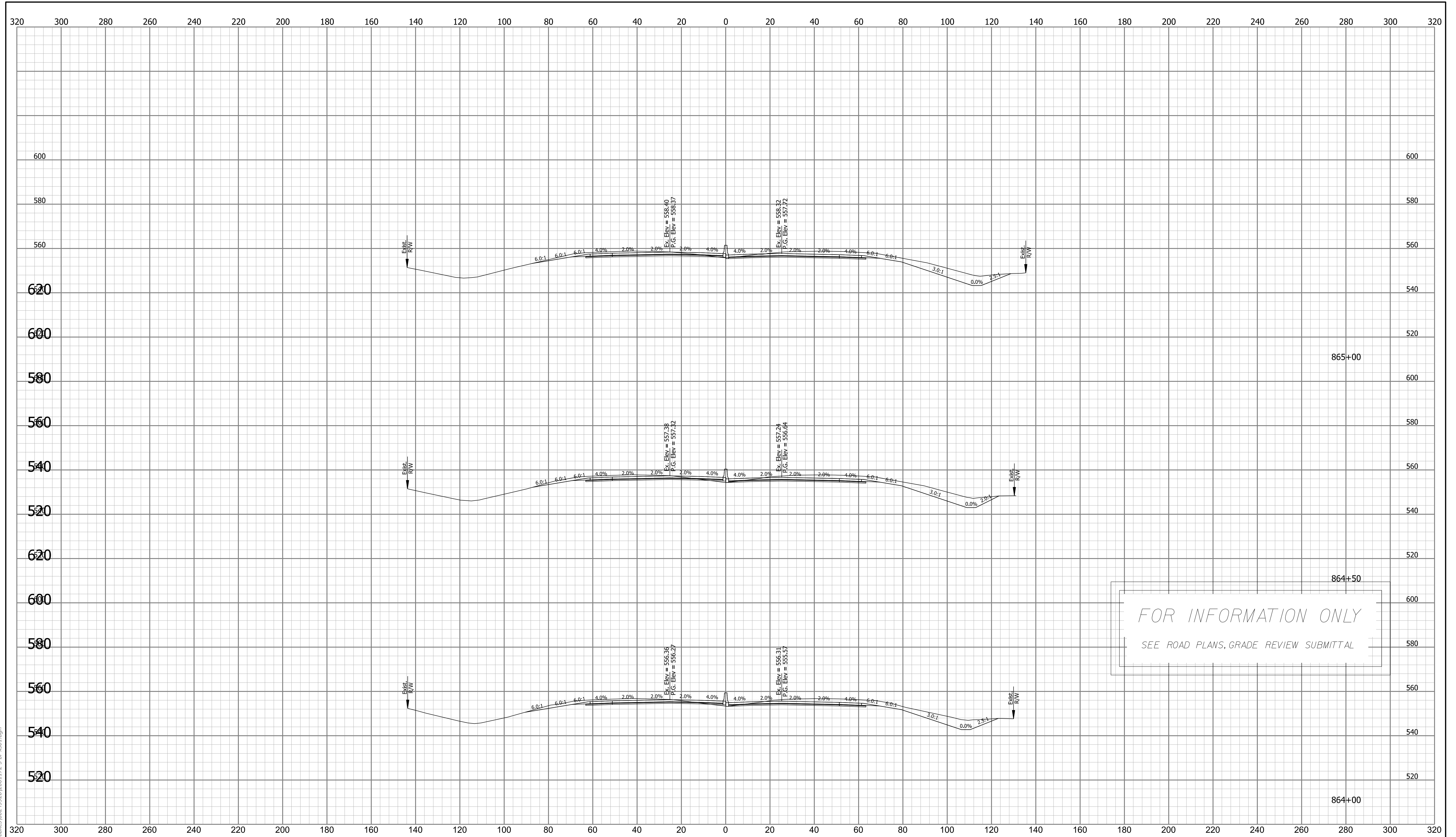
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ DCK _____	DRAWN: _____ DCK _____	
CHECKED: _____ MKM _____	CHECKED: _____ MKM _____	

INDIANA DEPARTMENT OF TRANSPORTATION

**ROAD CROSS SECTIONS
I-65 LINE "PR-A"**

SCALE 3/16"=1'-0"	BRIDGE FILE 165-177-02402 CNBL & JDSBL
VERTICAL SCALE N/A	DESIGNATION 2002114 & 2002115
SURVEY BOOK ELECTRONIC	SHEETS 24 of 30
CONTRACT R-42909	PROJECT 2001172

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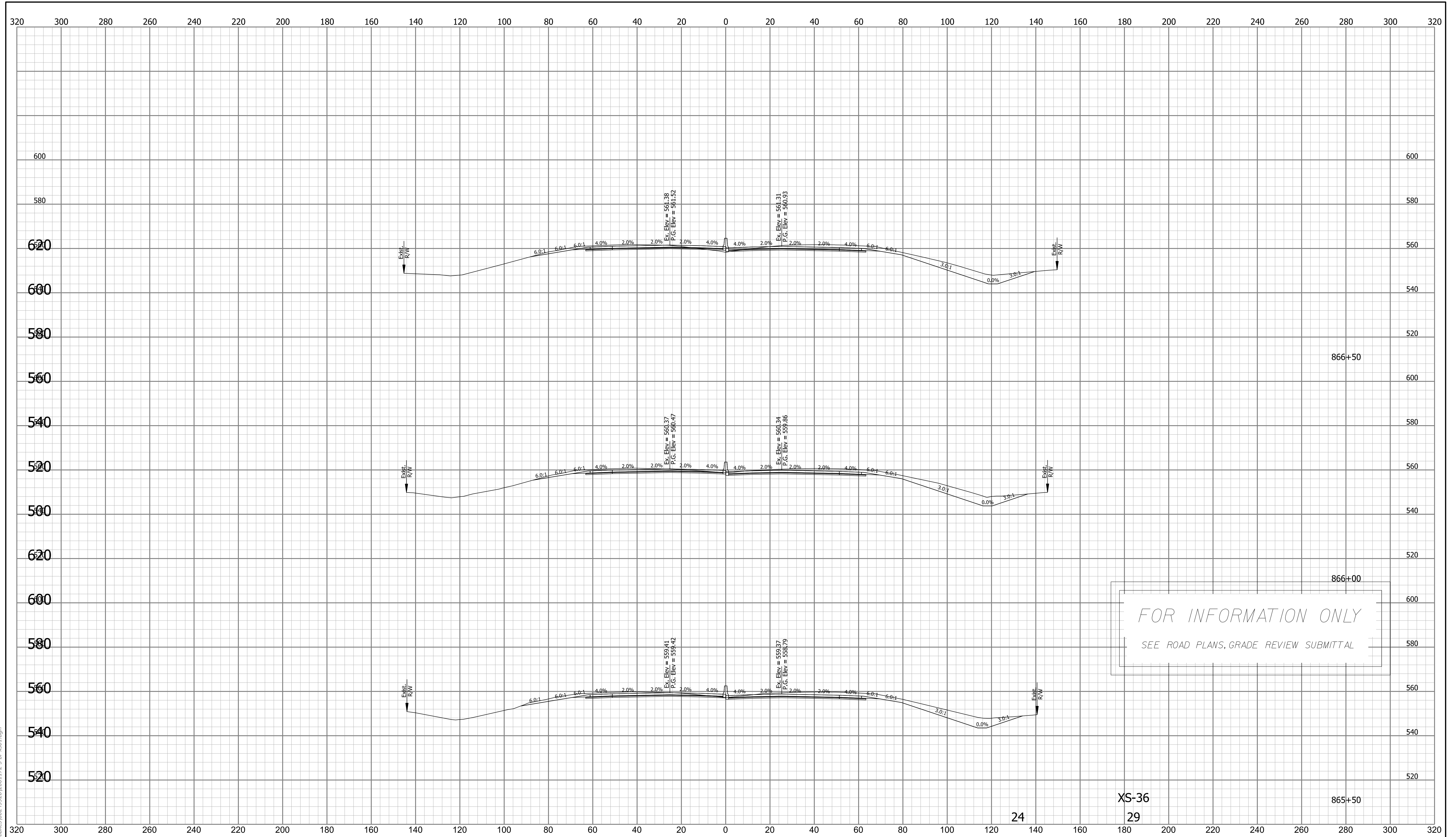
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RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ DCK _____	DRAWN: _____ DCK _____	
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INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD CROSS SECTIONS
I-65 LINE "PR-A"

SCALE 3/16"=1'-0"	BRIDGE FILE 165-177-02402 CNBL & JDSBL
VERTICAL SCALE N/A	DESIGNATION 2002114 & 2002115
SURVEY BOOK ELECTRONIC	SHEETS 25 of 30
CONTRACT R-42909	PROJECT 2001172



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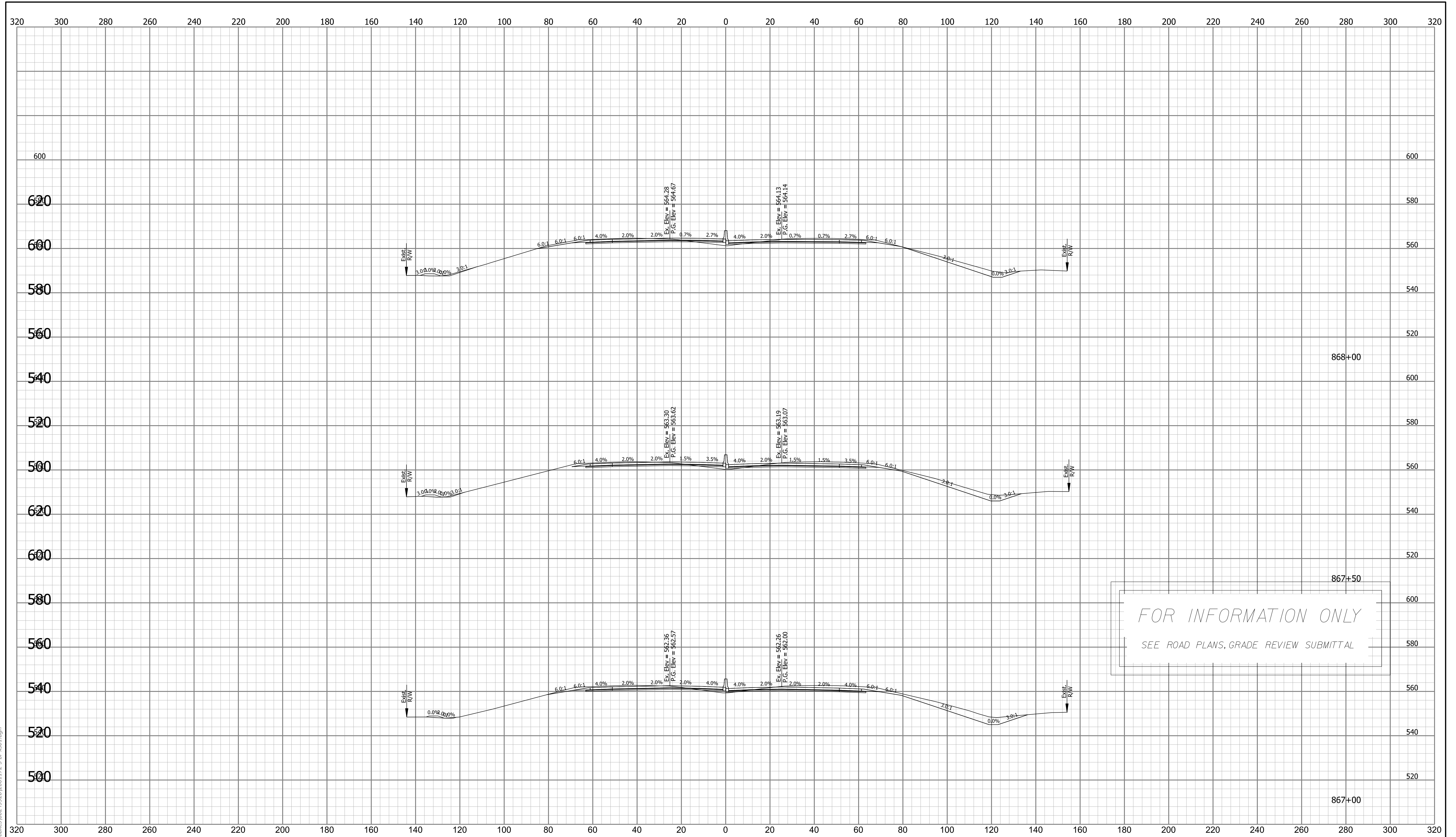
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DESIGNED: _____ DCK _____	DRAWN: _____ DCK _____	
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INDIANA DEPARTMENT OF TRANSPORTATION

**ROAD CROSS SECTIONS
I-65 LINE "PR-A"**

SCALE 3/16"=1'-0"	BRIDGE FILE 165-177-02402 CNBL & JDSBL
VERTICAL SCALE N/A	DESIGNATION 2002114 & 2002115
SURVEY BOOK ELECTRONIC	SHEETS 26 of 30
CONTRACT R-42909	PROJECT 2001172

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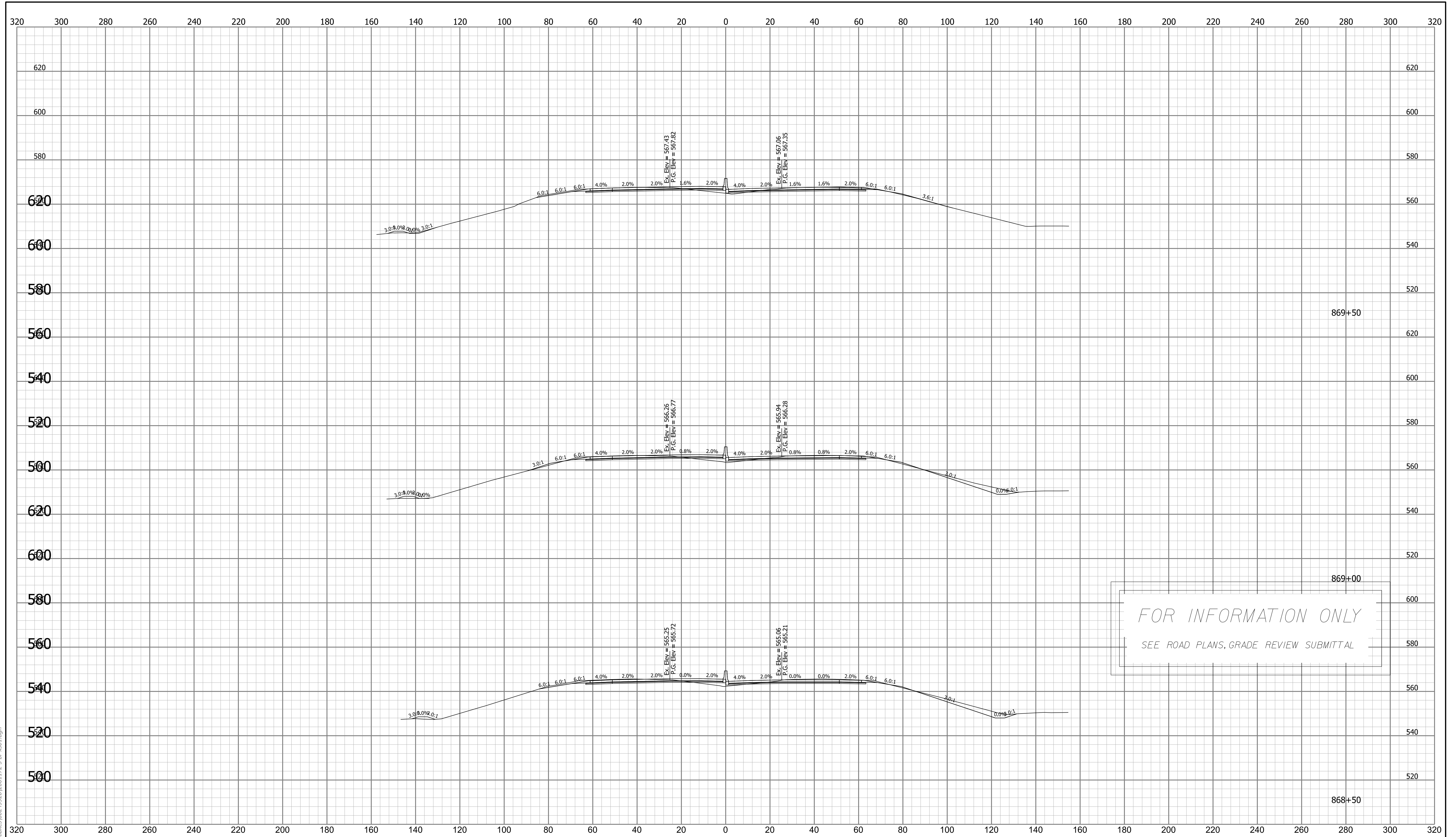
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CHECKED: _____ MKM _____	CHECKED: _____ MKM _____	

INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD CROSS SECTIONS
I-65 LINE "PR-A"

SCALE 3/16"=1'-0"	BRIDGE FILE 165-177-02402 CNBL & JDSBL
VERTICAL SCALE N/A	DESIGNATION 2002114 & 2002115
SURVEY BOOK ELECTRONIC	SHEETS 27 of 30
CONTRACT R-42909	PROJECT 2001172



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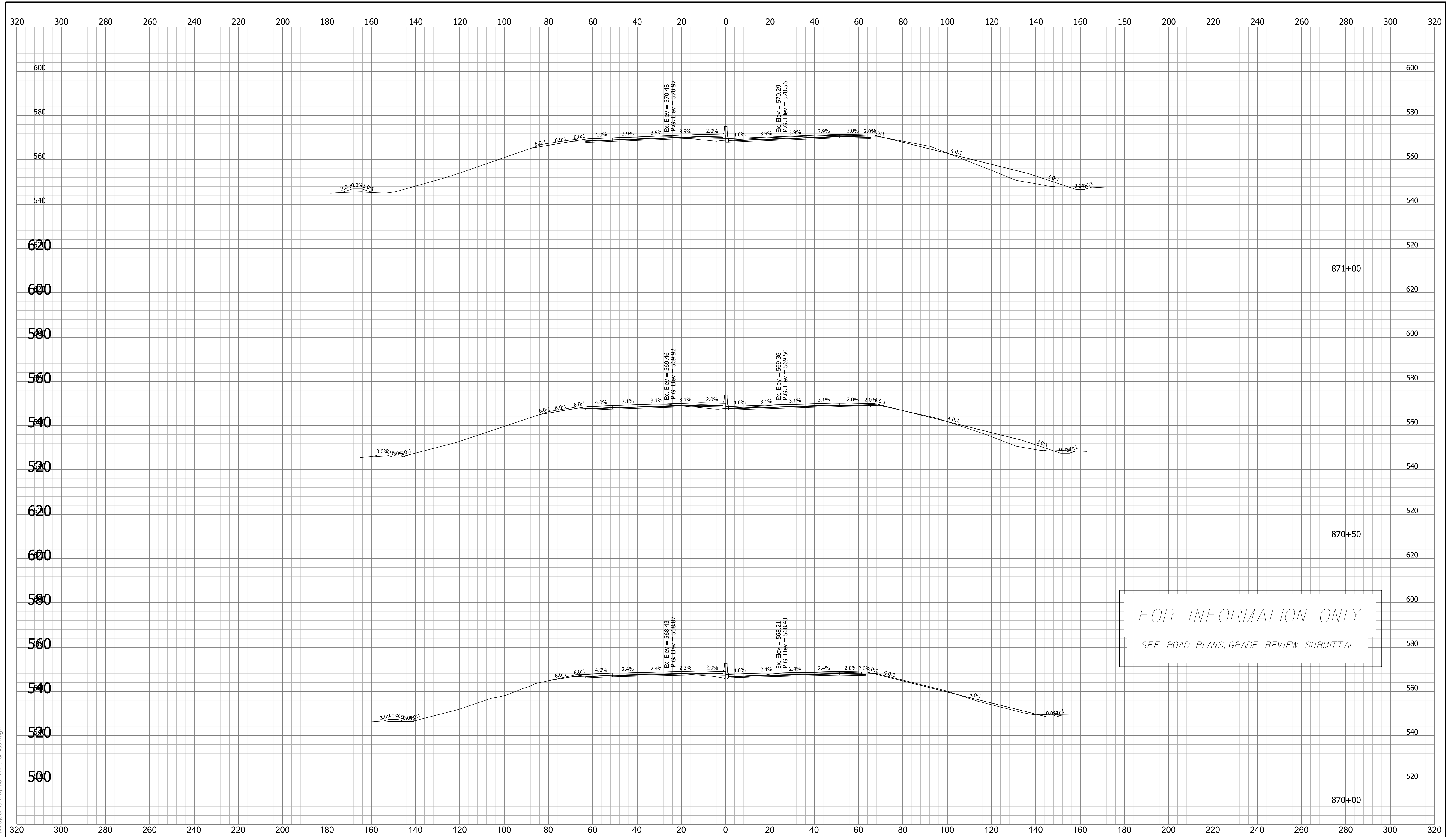
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INDIANA
DEPARTMENT OF TRANSPORTATION

ROAD CROSS SECTIONS
I-65 LINE "PR-A"

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VERTICAL SCALE N/A	DESIGNATION 2002114 & 2002115
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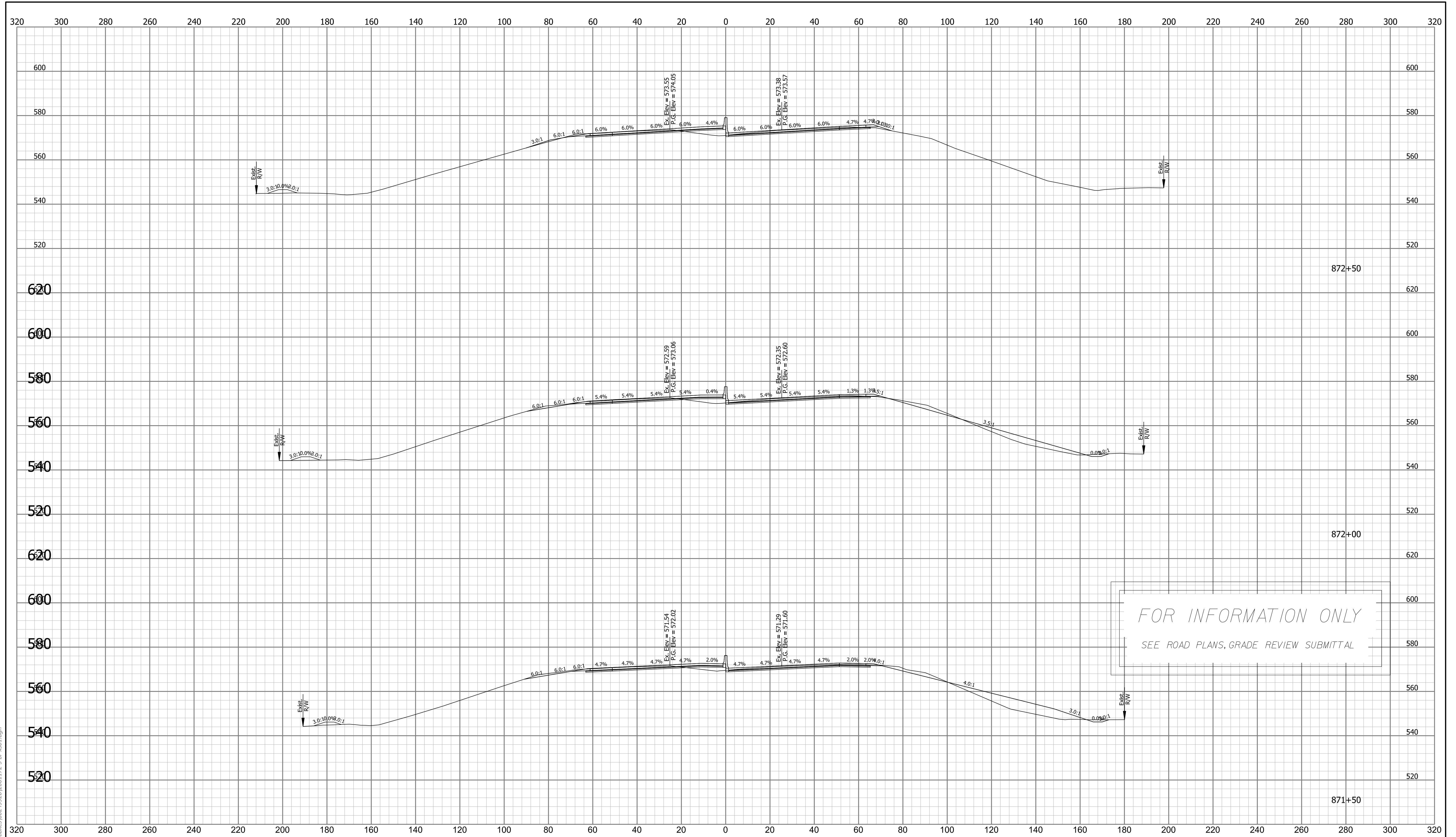
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ROAD CROSS SECTIONS
I-65 LINE "PR-A"

SCALE 3/16"=1'-0"	BRIDGE FILE 165-177-02402 CNBL & JDSBL
VERTICAL SCALE N/A	DESIGNATION 2002114 & 2002115
SURVEY BOOK ELECTRONIC	SHEETS 30 of 30
CONTRACT R-42909	PROJECT 2001172