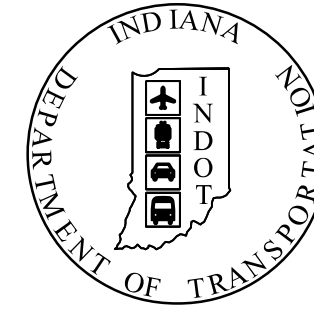


PROJECT	DESIGNATION
2001172	2002116 & 2002117
CONTRACT	BRIDGE FILE
R-42909	I65-178-05485 CNBL & JCSBL

INDIANA DEPARTMENT OF TRANSPORTATION



STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
I65-178-05485 CNBL I65-178-05485 JCSBL	CONTINUOUS COMPOSITE STEEL BEAM BRIDGE	05485 CNBL 3 SPANS: 32', 40', 37', SKEW: 13°52'30" RT. 05485 JCSBL 3 SPANS: 32', 40', 37', SKEW: 13°52'30" RT.	PROPHETS ROCK ROAD	893+44.34

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 178+06

PROJECT NO. 2001172 P.E. CONST.

NO ADDITIONAL RIGHT-OF-WAY
REQUIRED FOR THIS PROJECT

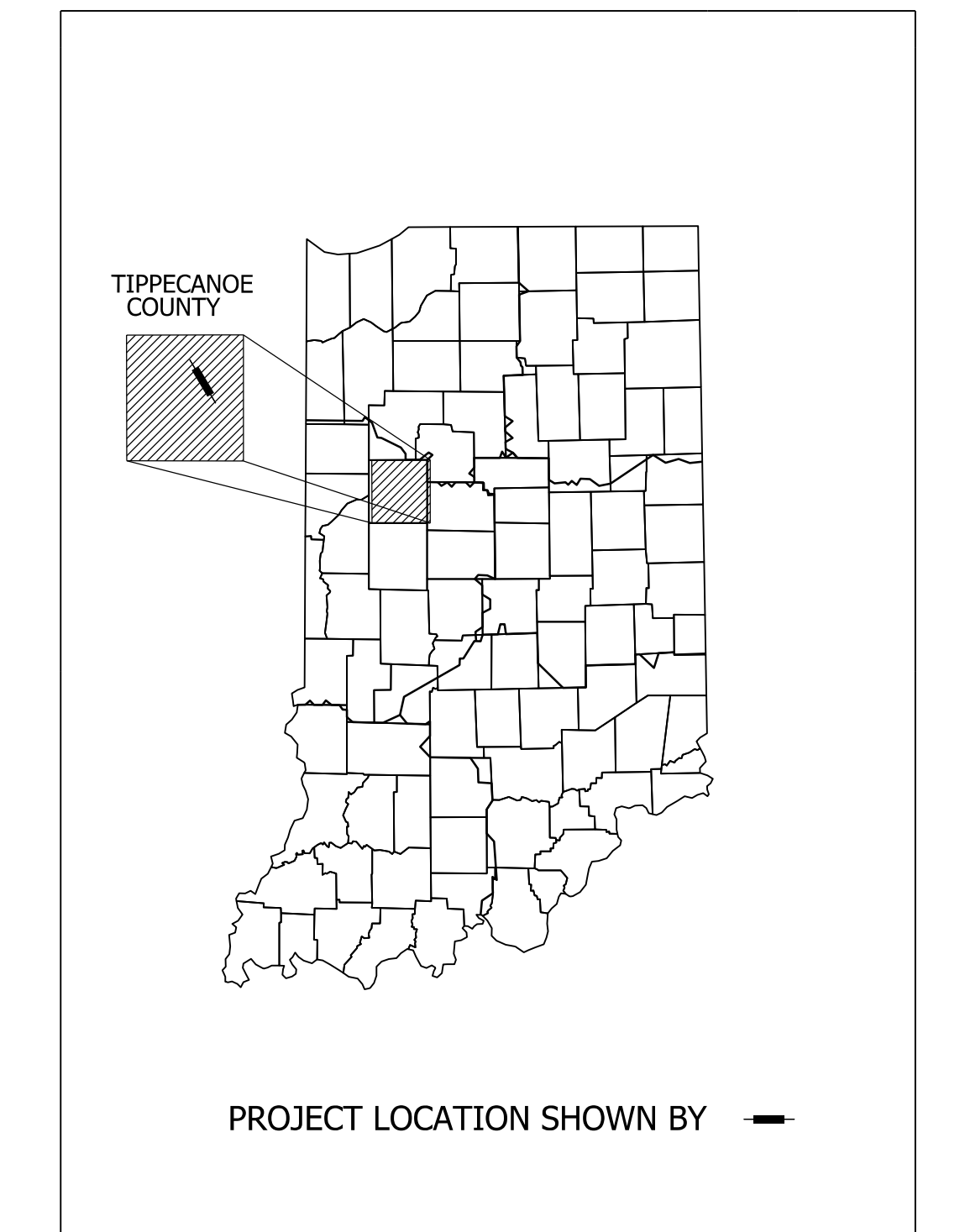
BRIDGE DECK REPLACEMENT, WIDENING AND SUPERSTRUCTURE REHABILITATION ON STRUCTURE I65-178-05485 CNBL AND BRIDGE DECK REPLACEMENT, WIDENING AND SUPERSTRUCTURE REHABILITATION ON STRUCTURE I65-178-05485 JCSBL. THE STRUCTURES ARE LOCATED ON INTERSTATE 65 (I-65) APPROXIMATELY 0.24 MILE SOUTH OF THE STATE ROAD (SR) 43 INTERCHANGE. IN SECTION 27 TOWNSHIP 24 N, RANGE 4 WEST IN TIPPECANOE TOWNSHIP, TIPPECANOE COUNTY, INDIANA.

TRAFFIC DATA

		05485 CNBL	05485 JCSBL	
A.A.D.T.	(2024)	47,400	47,400	V.P.D.
A.A.D.T.	(2044)	56,670	56,670	V.P.D.
D.H.V.	(2044)	4,690	4,690	V.P.H.
DIRECTIONAL DISTRIBUTION		50	50	%
TRUCKS		38	38	% A.A.D.T.
		23	23	% D.H.V.

DESIGN DATA

DESIGN SPEED	65 MPH
PROJECT DESIGN CRITERIA	RECONSTRUCTION FREEWAY
FUNCTIONAL CLASSIFICATION	INTERSTATE
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	FULL ACCESS CONTROL



LATITUDE: 40°29'44" LONGITUDE: -86°51'51"

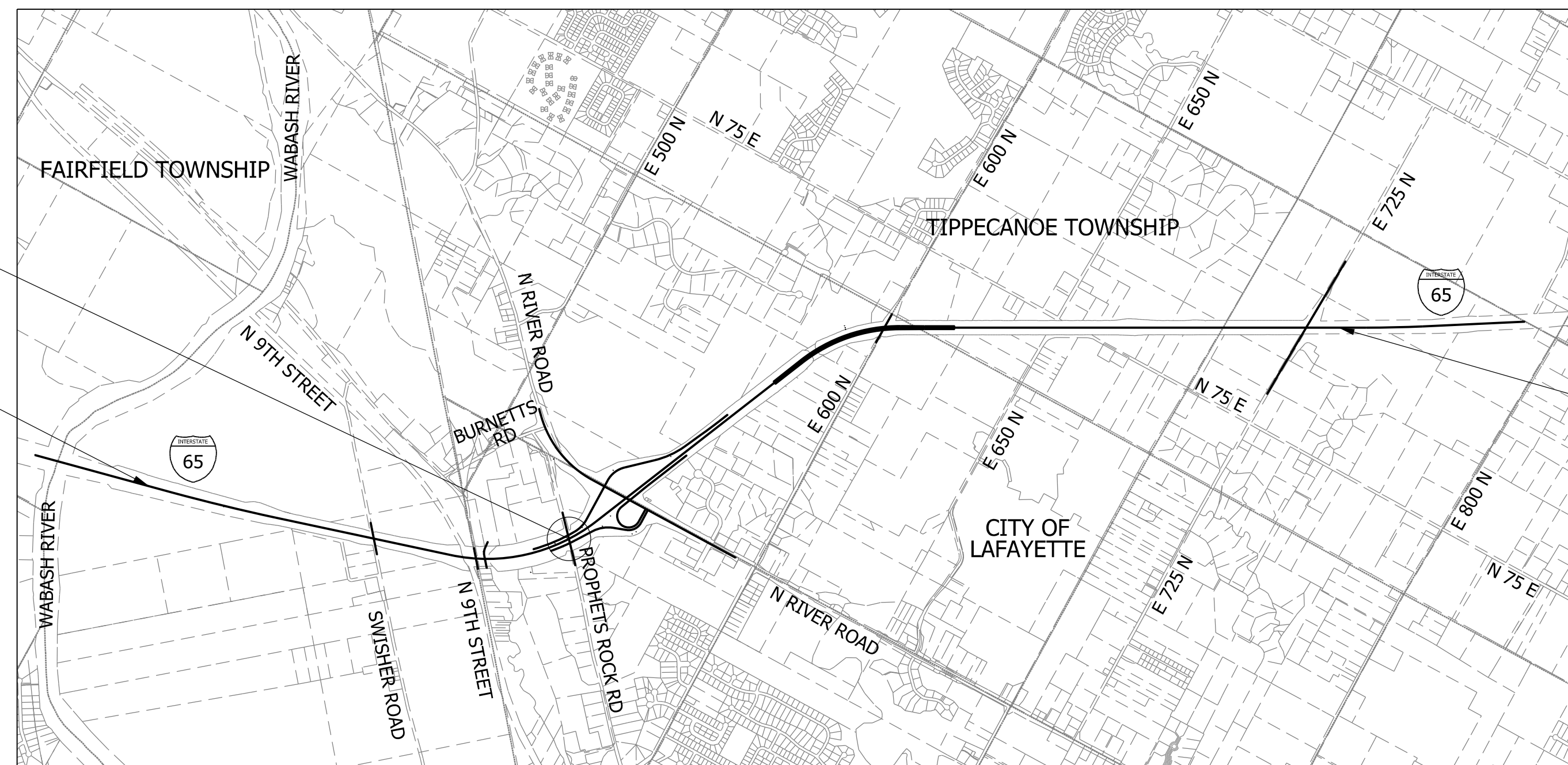
BRIDGE LENGTH: 0.02 MI.
ROADWAY LENGTH: 0.00 MI.
TOTAL LENGTH: 0.02 MI.
MAX. GRADE: 3.00% %

HUC: 05120108010030

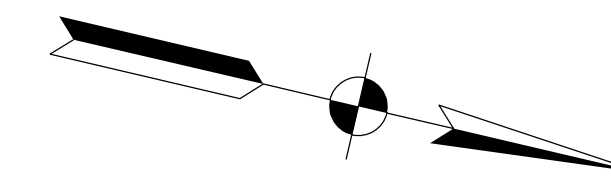
PRELIMINARY PLAN SUBMITTAL
OCTOBER 2020

BRIDGE FILE NO.
I65-178-05485 CNBL
I65-178-05485 JCSBL
I-65 OVER PROPHETS ROCK ROAD

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



LOCATION MAP
TIPPECANOE COUNTY



SCALE: 1" = 2000'

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

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



201 South Capitol Avenue | Suite 490 | Indianapolis, IN 46225
P 317.243.9800 | F 317.243.9100 | www.infrastructure-eng.com

DRAFT
NOT FOR CONSTRUCTION

PLANS PREPARED BY: Infrastructure Engineering, Inc. (317) 243-9800
PHONE NUMBER
CERTIFIED BY: _____ DATE
APPROVED FOR LETTING: _____ DATE
INDIANA DEPARTMENT OF TRANSPORTATION

BRIDGE FILE		
I65-178-05485 CNBL & JCSBL		
DESIGNATION		
2002116 & 2002117		
SURVEY BOOK	SHEETS	TI-01
ELECTRONIC	1 of	26
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

220 #/Syd. QC/QA-HMA, 4, 76, Surface, 12.5mm - SMA on
 220 #/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

220 #/Syd. QC/QA-HMA, 3, 70, Surface, 12.5mm on
 220 #/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 Corruguations, Conventional

(C2) Milled PCCP Corruguations, Conventional

(N) Compacted Aggregate, No. 53

(R) Seeding

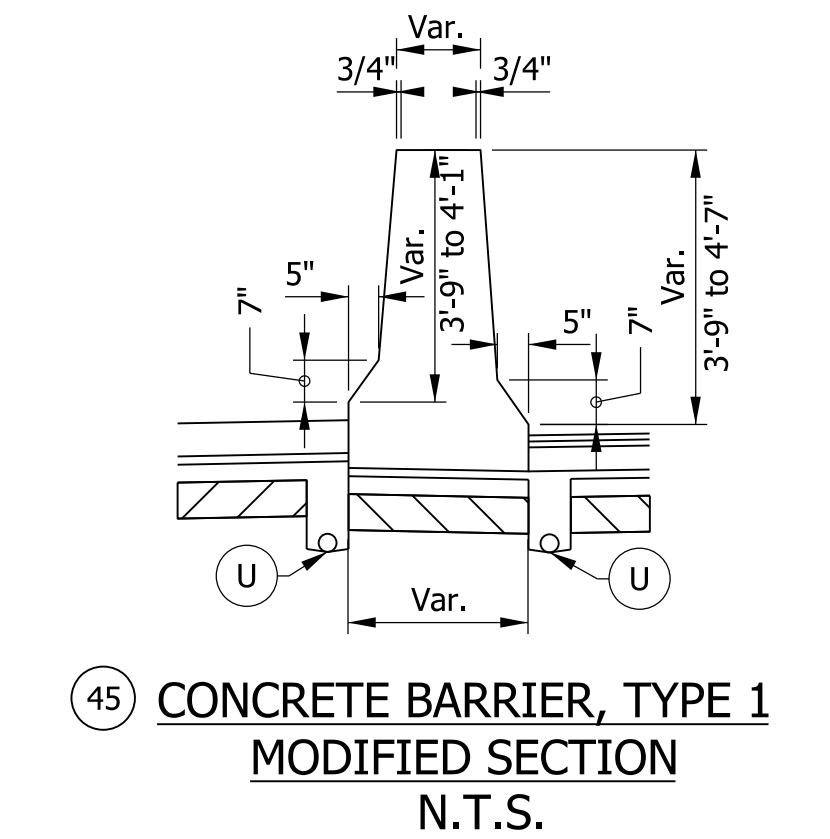
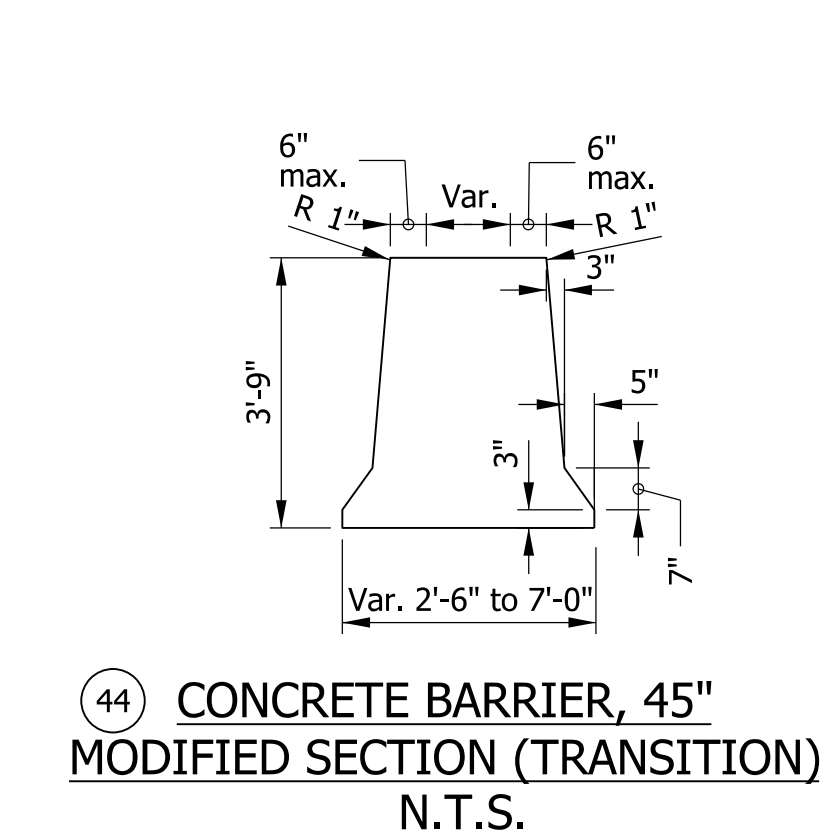
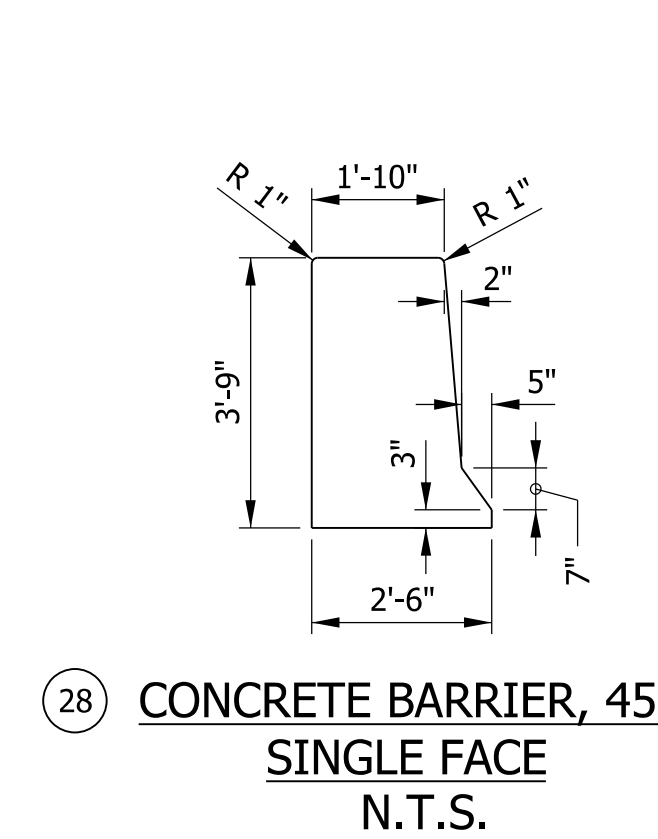
**(R1) 165 #/Syd. QC/QA-HMA, 2, 64, Surface 9.5 mm
 on Milling, Asphalt 1 1/2 in.**

(S) Saw Cut Full Depth

(U) 6 In. Underdrain

(X) Longitudinal Construction Joint

- (12) Impact Attenuator
- (21) Concrete Barrier (45")
- (22) Concrete Barrier, Modified Section
- (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



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.

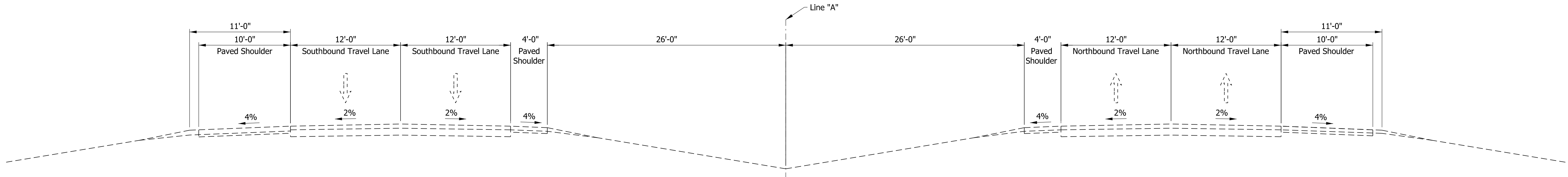
DRAFT
 NOT FOR CONSTRUCTION

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

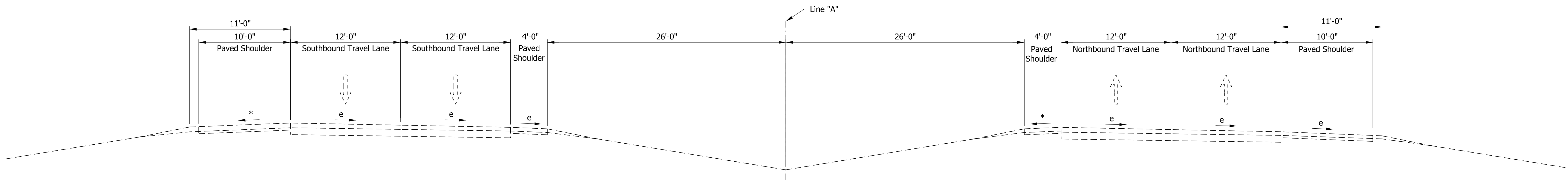
INDIANA DEPARTMENT OF TRANSPORTATION

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

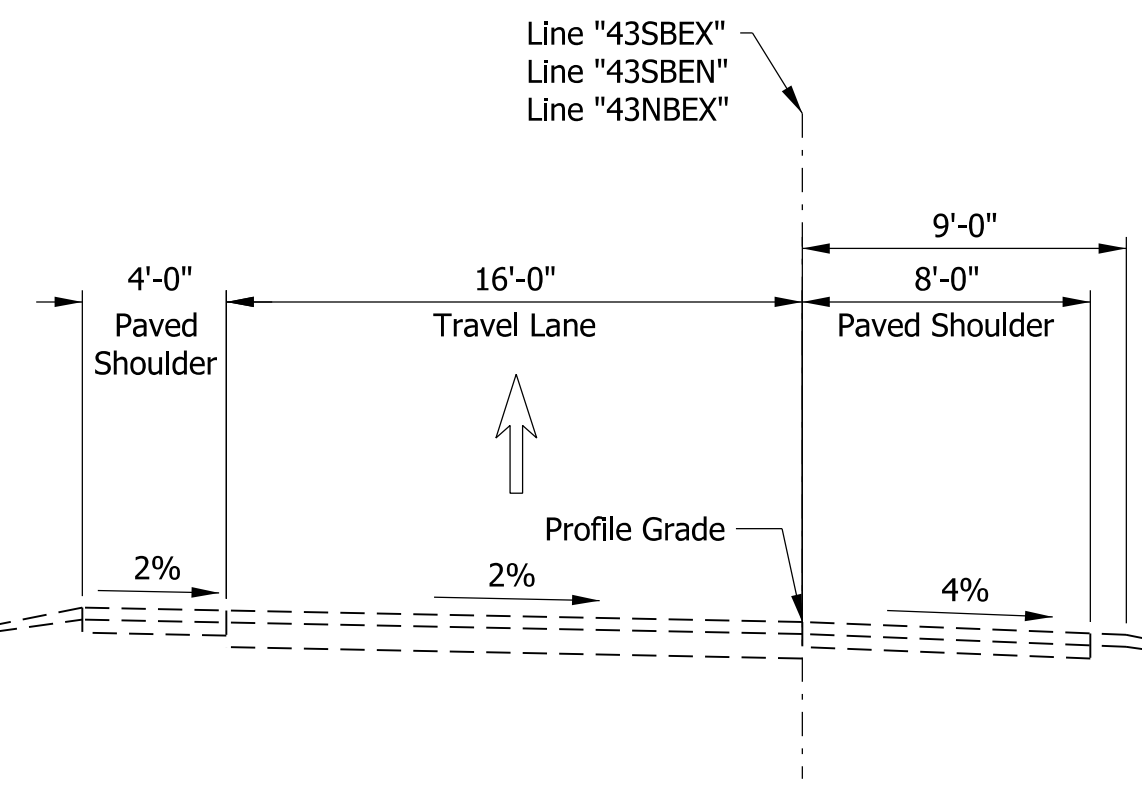
HORIZONTAL SCALE	BRIDGE FILE
3/16"=1'-0"	165-177-02402 CNBL & JCSBL
VERTICAL SCALE	DESIGNATION
N/A	2001172
SURVEY BOOK	SHEETS TS-01
ELECTRONIC	3 of 26
CONTRACT	PROJECT
R-42909	2001172



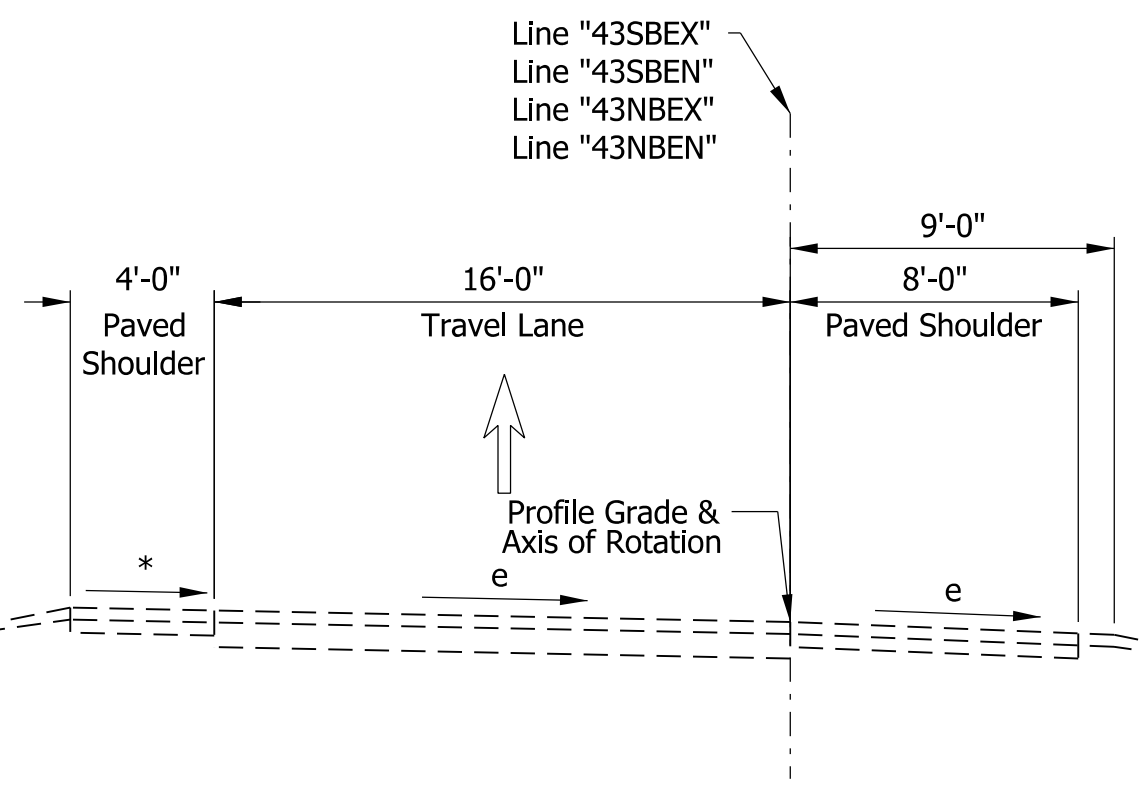
EXISTING I-65 TYPICAL SECTION



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 TS-00 for Legend.

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 model: 5/16/00
 file: c:\p1\102103\102103.dgn

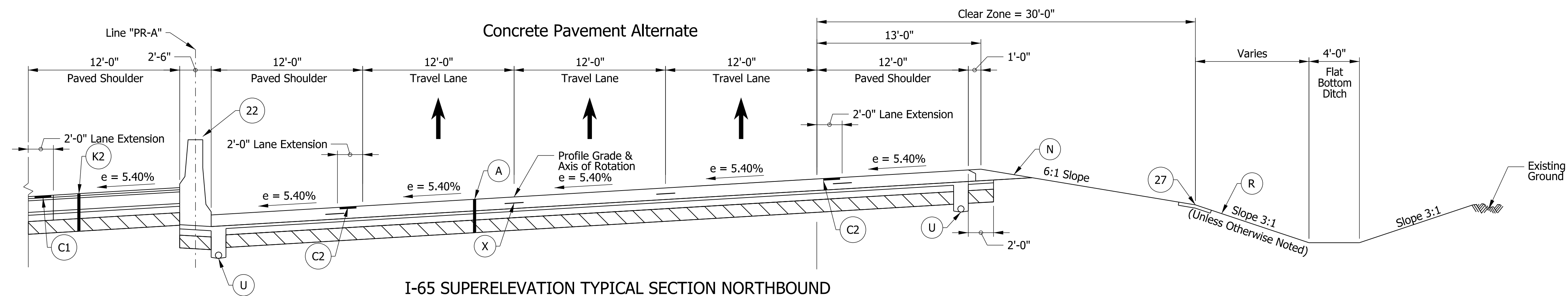
DRAFT
NOT FOR CONSTRUCTION

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

INDIANA
DEPARTMENT OF TRANSPORTATION

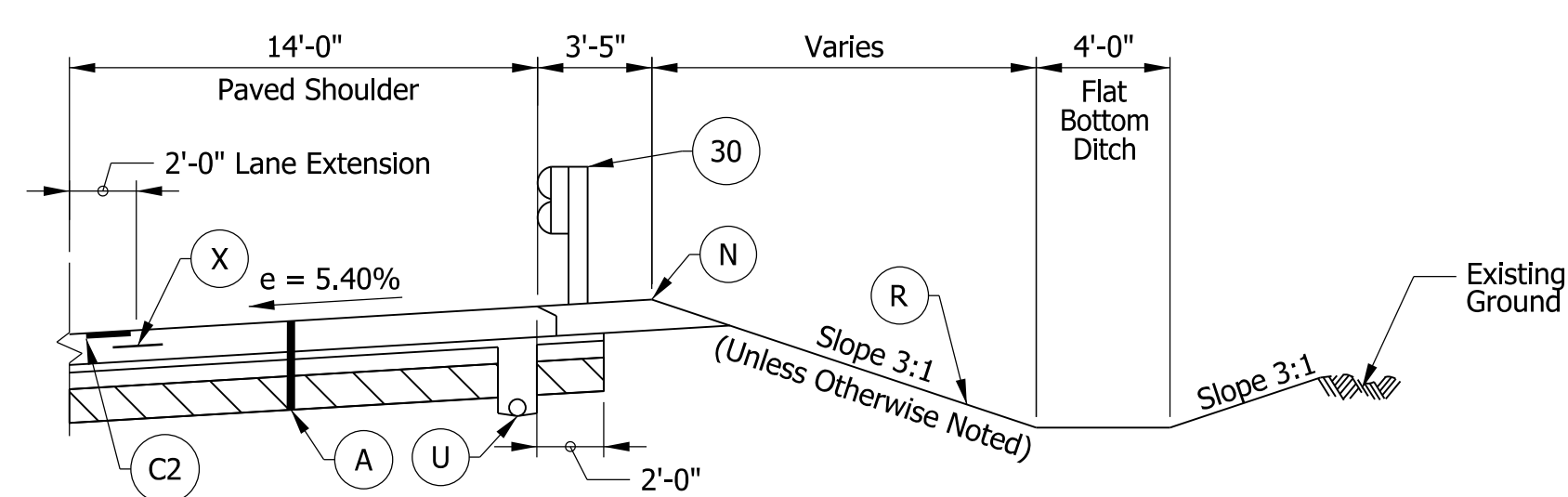
TYPICAL CROSS SECTIONS
I-65 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
3/16"=1'-0"	I65-177-02402 CNBL & JCSBL
VERTICAL SCALE	DESIGNATION
N/A	2001172
SURVEY BOOK	SHEETS
ELECTRONIC	4 of 26
CONTRACT	PROJECT
R-42909	2001172

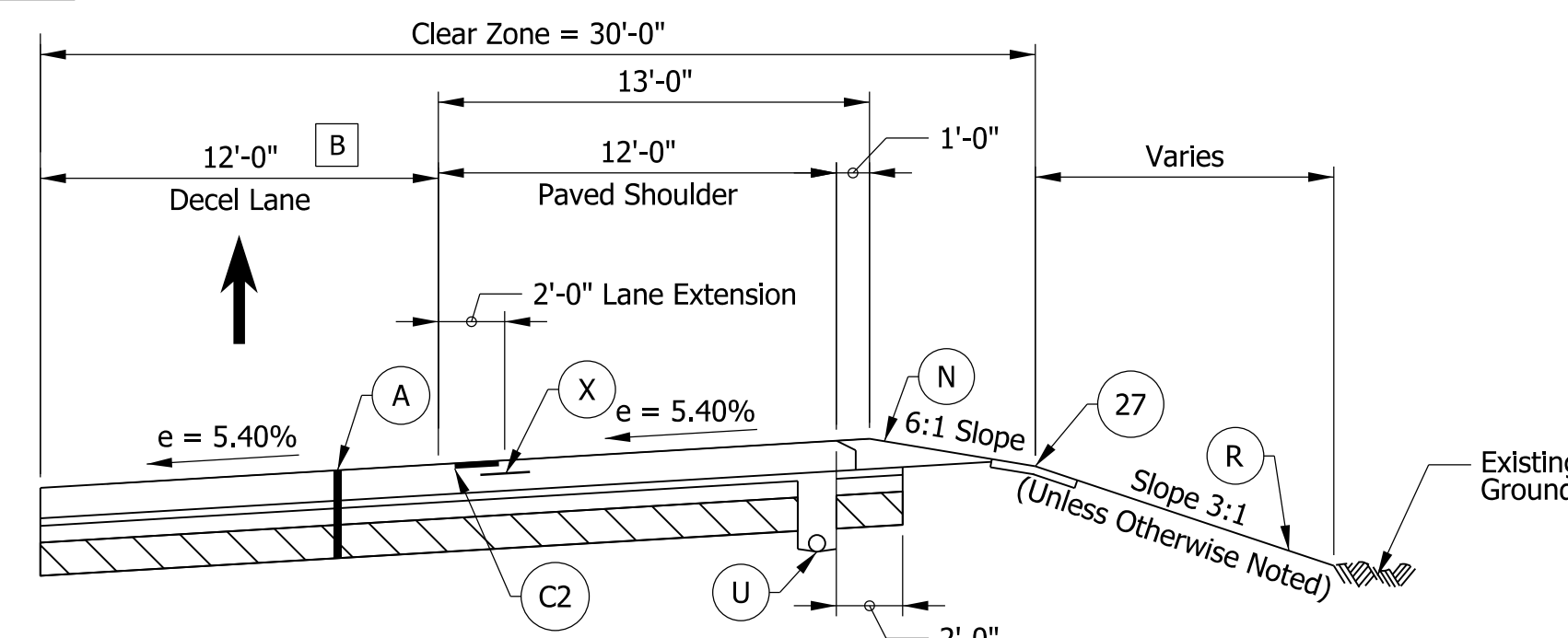


I-65 SUPERELEVATION TYPICAL SECTION NORTHBOUND

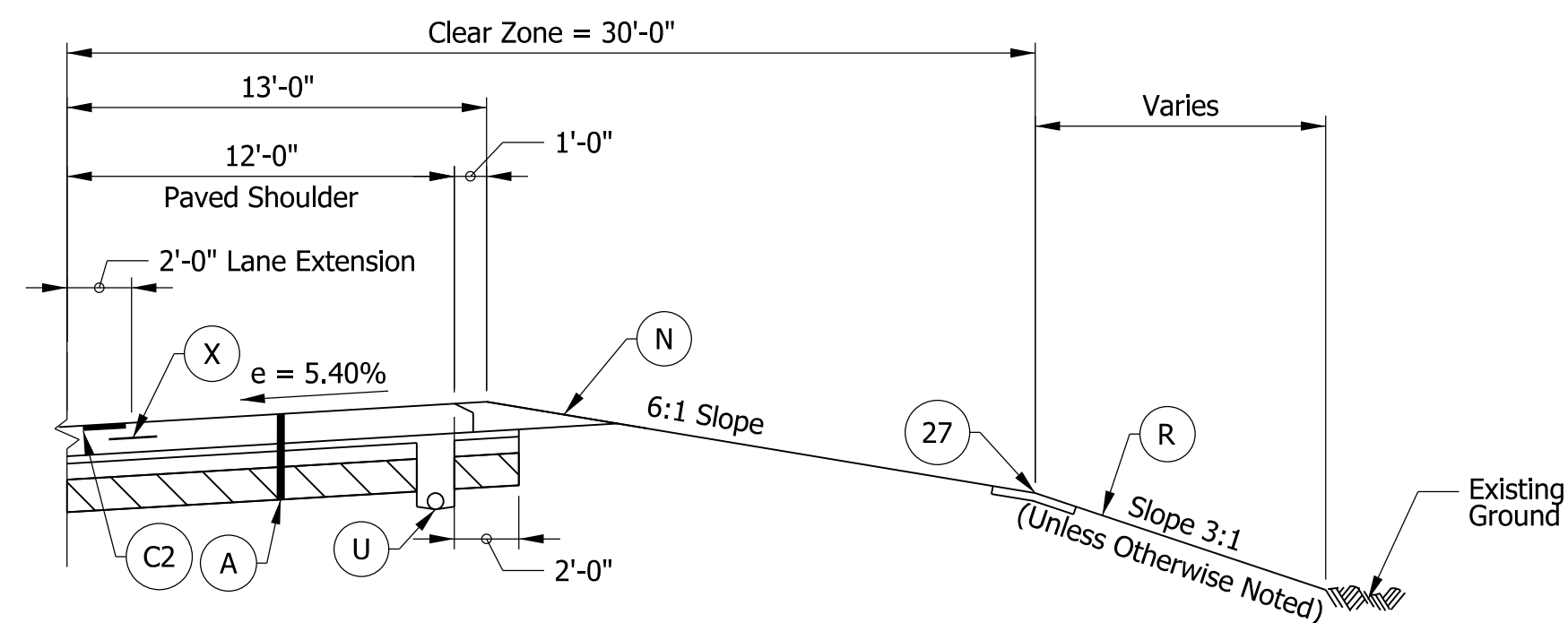
A STA. 870+80.00 "PR-A" to STA. 873+15.76 "PR-A"
 STA. 878+87.58 "PR-A" to STA. 880+10.00 "PR-A"
 STA. 891+09.00 "PR-A" to STA. 892+50.88 "PR-A"
 STA. 894+26.51 "PR-A" to STA. 895+39.00 "PR-A"



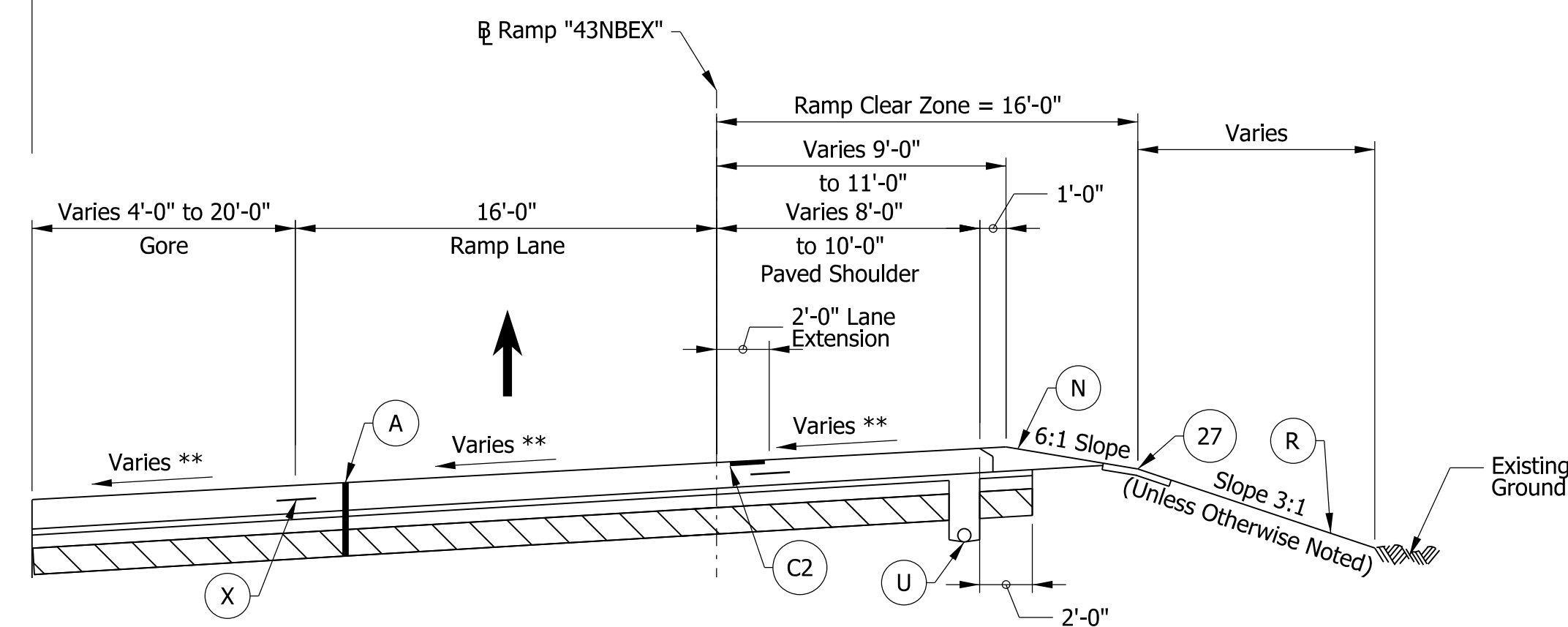
NB GUARDRAIL AND OUTSIDE SHOULDER DETAIL
 STA. 870+45.03 "PR-A" to STA. 873+15.76 "PR-A" NB



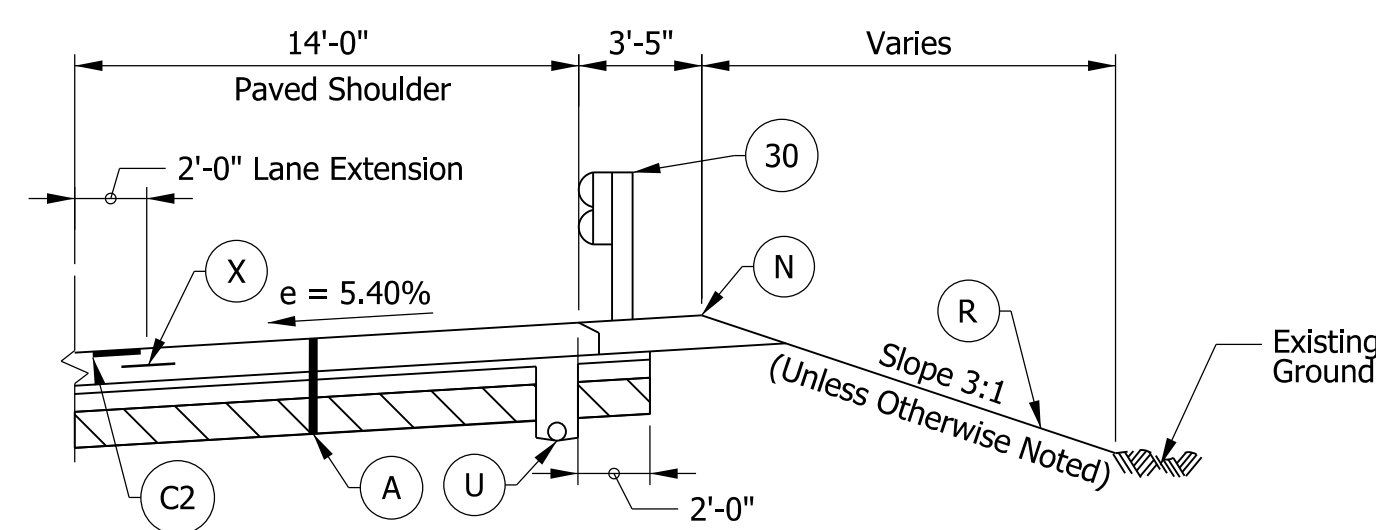
DECCELERATION LANE - I-65 NORTHBOUND AT SR 43
 STA. 885+70.00 "PR-A" to STA. 892+07.73 "PR-A"



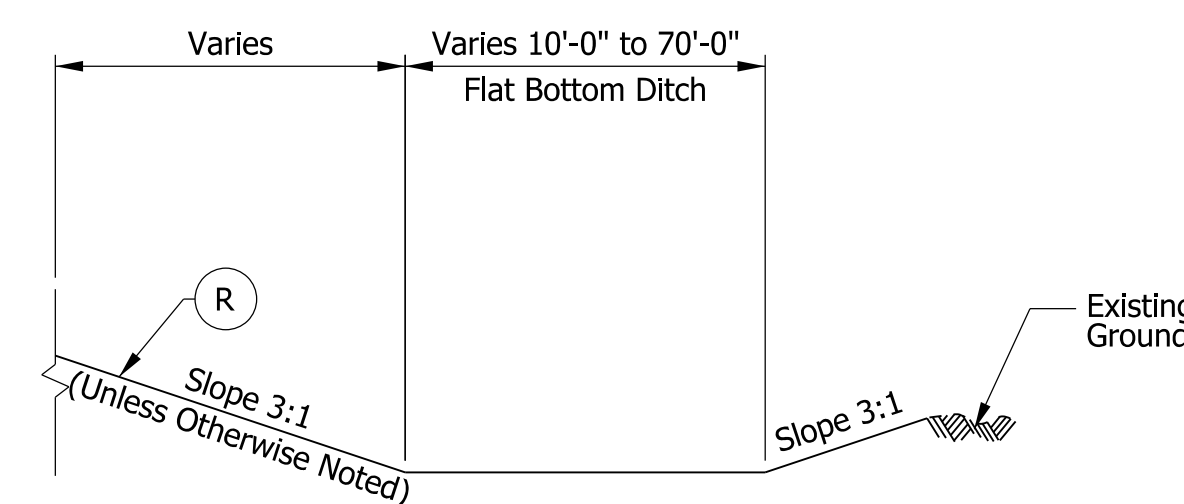
NB OUTSIDE SHOULDER DETAIL
 STA. 878+89.67 "PR-A" to STA. 885+70.00 "PR-A" NB



EXIT RAMP GORE SECTION - I-65 NORTHBOUND AT SR 43
 STA. 892+07.73 "PR-A" to STA. 892+50.88 "PR-A"
 STA. 894+26.51 "PR-A" to STA. 896+10.44 "PR-A"



NB GUARDRAIL AND OUTSIDE SHOULDER DETAIL
 STA. 890+68.85 "PR-A" to STA. 892+50.88 "PR-A"



OUTSIDE WIDE DITCH DETAIL
 STA. 886+00.00 "PR-A" to STA. 889+00.00 "PR-A" NB

- 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+50.88 "PR-A" to STA. 894+26.51 "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.

FOR INFORMATION ONLY
 SEE ROAD PLANS, GRADE REVIEW SUBMITTAL

- Notes:
1. See TS-00 for Legend.
 - * 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:

High-side shoulder superelevation transition to meet Indiana Design Manual requirements. Under evaluation with on-going bridge projects. Details to be provided in future submittal.

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.

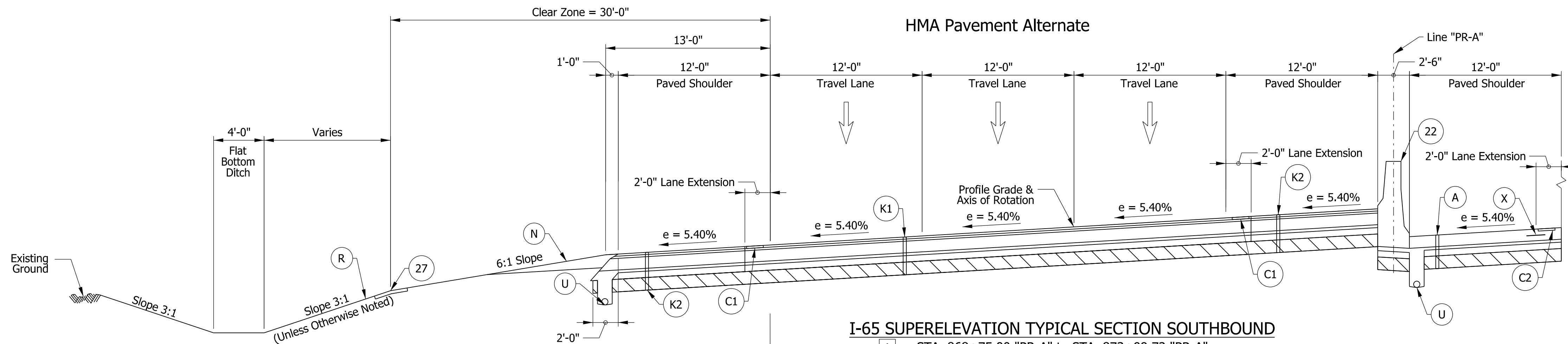
DRAFT
 NOT FOR CONSTRUCTION

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

INDIANA DEPARTMENT OF TRANSPORTATION

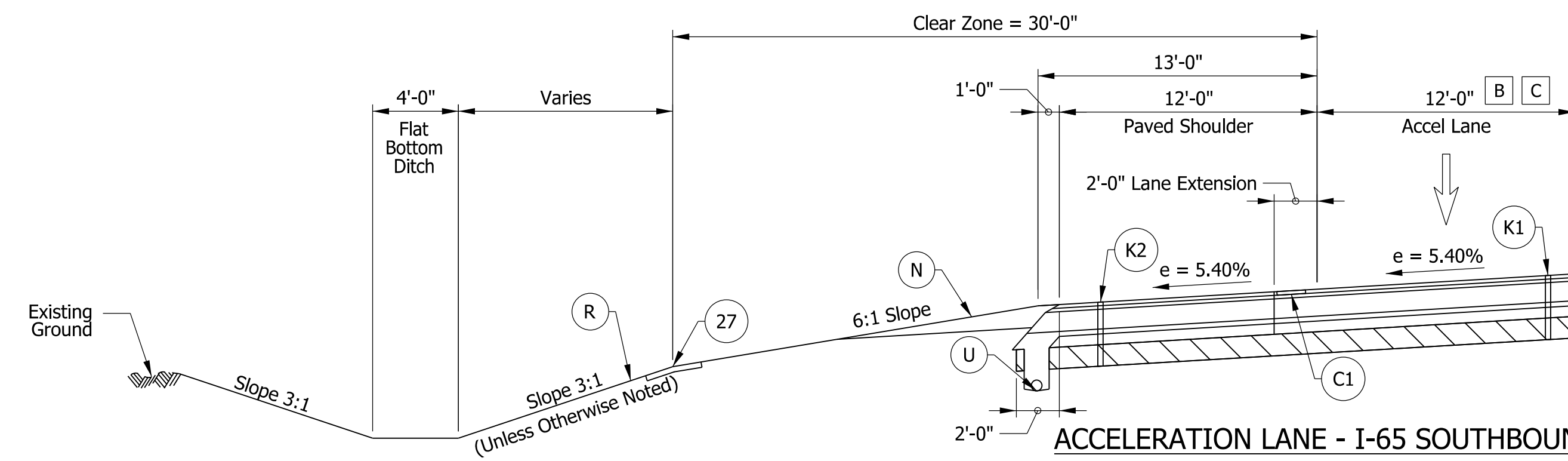
TYPICAL CROSS SECTIONS
 I-65 LINE "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
3/16"=1'-0"	165-177-02402 CNBL & JCSBL
VERTICAL SCALE	DESIGNATION
N/A	2001172
SURVEY BOOK	SHEETS
ELECTRONIC	5 of 26
CONTRACT	PROJECT
R-42909	2001172



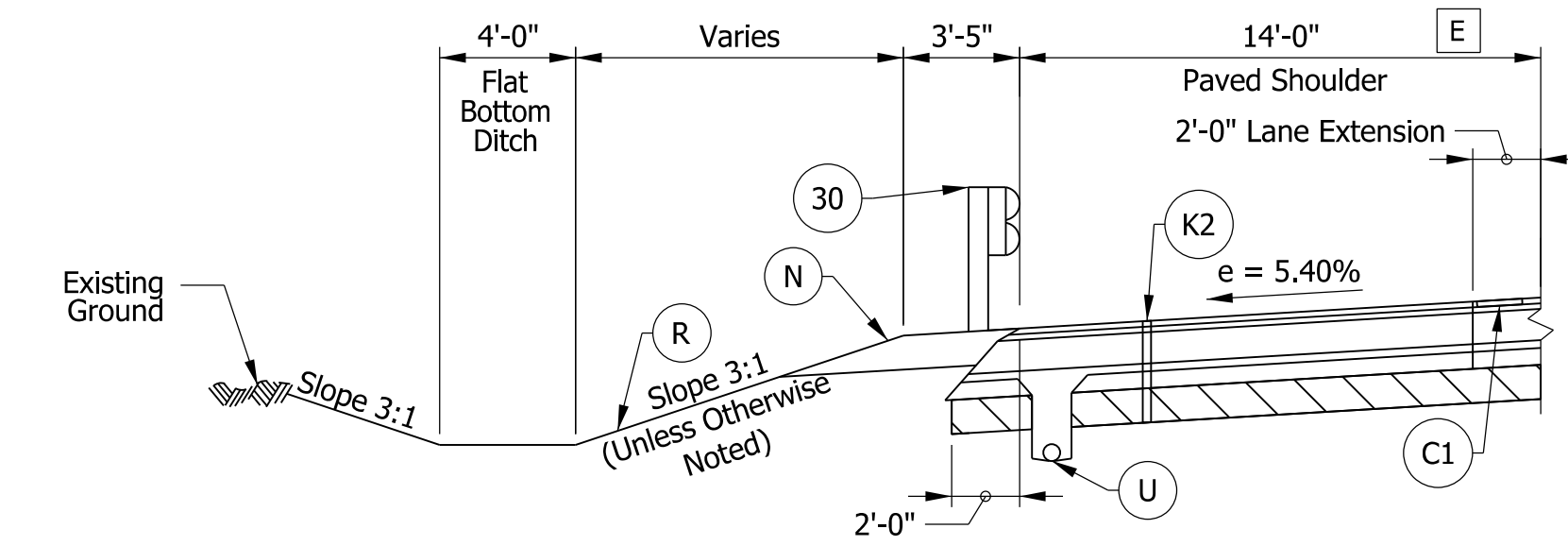
I-65 SUPERELEVATION TYPICAL SECTION SOUTHBOUND

- A STA. 868+75.00 "PR-A" to STA. 873+09.72 "PR-A"
- STA. 878+78.53 "PR-A" to STA. 892+68.37 "PR-A"
- STA. 894+48.55 "PR-A" to STA. 901+84.00 "PR-A"



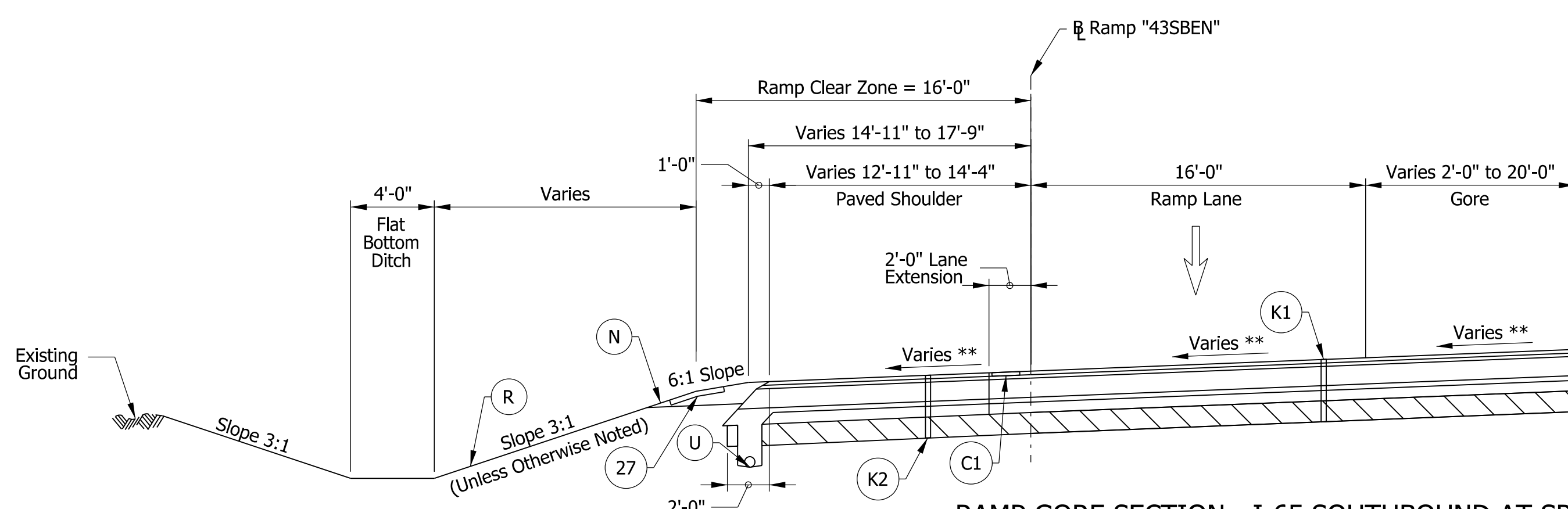
ACCELERATION LANE - I-65 SOUTHBOUND AT SR 43

- STA. 879+14.50 "PR-A" to STA. 892+68.37 "PR-A"
- STA. 894+48.55 "PR-A" to STA. 895+94.65 "PR-A"



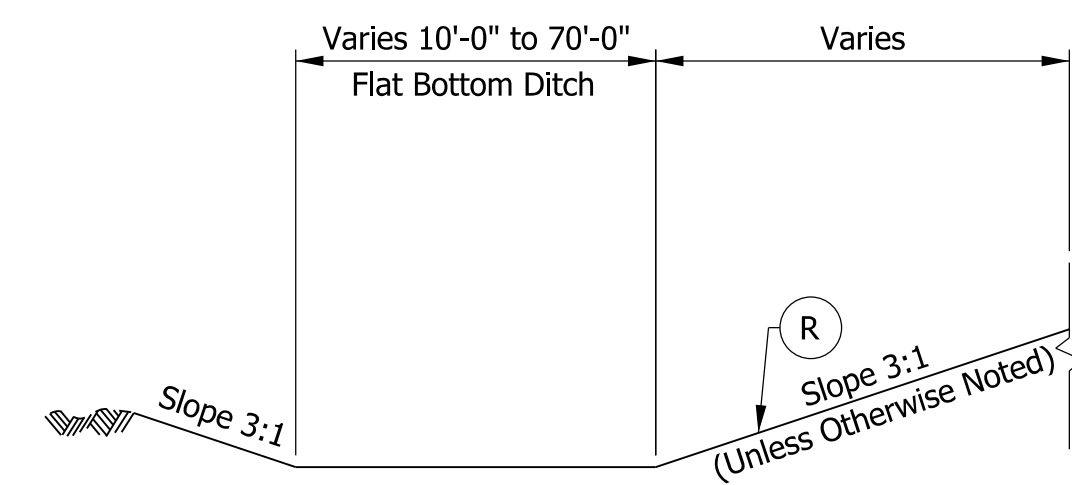
SB GUARDRAIL AND OUTSIDE SHOULDER DETAIL

- STA. 878+78.53 "PR-A" to STA. 881+35.00 "PR-A"
- STA. 894+48.55 "PR-A" to STA. 895+00.43 "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. 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. 873+09.72 "PR-A" to STA. 878+78.53 "PR-A"
- SB Bridge Paving Exception from STA. 892+68.37 "PR-A" to STA. 894+48.55 "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 18'-2" from STA. 895+00.43 "PR-A" to STA. 895+94.65 "PR-A"
- E Width varies from 19'-8" to 19'-11" from STA. 894+46.33 "PR-A" to STA. 895+00.43 "PR-A"

- Notes:**
1. See TS-00 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:
High-side shoulder superelevation transition to meet Indiana Design Manual requirements. Under evaluation with on-going bridge projects. Details to be provided in future submittal.

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.

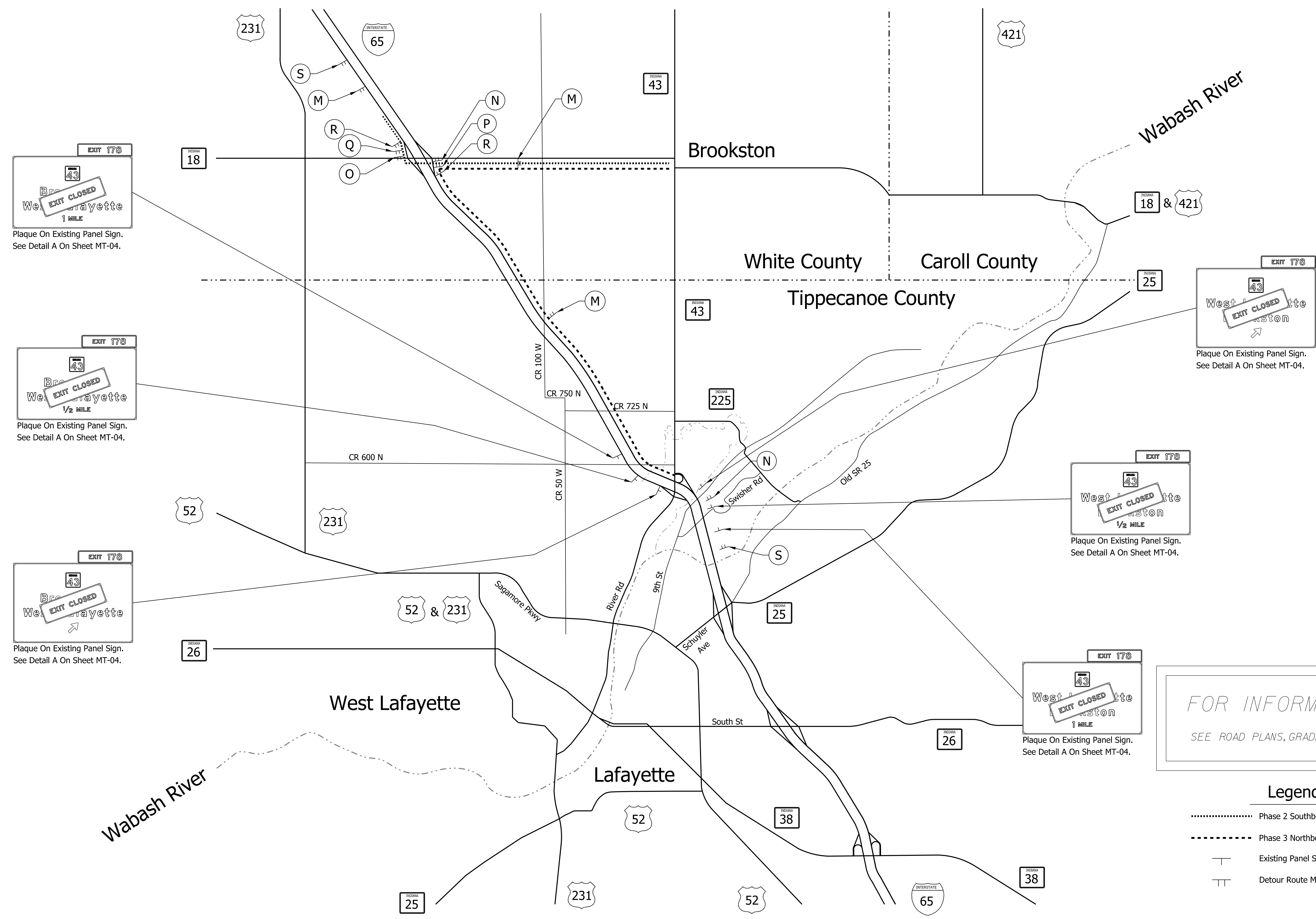
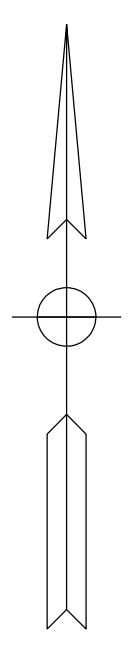
DRAFT
NOT FOR CONSTRUCTION

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 & JCSBL
VERTICAL SCALE	DESIGNATION
N/A	2001172
SURVEY BOOK	SHEETS
ELECTRONIC	6 of 26
CONTRACT	PROJECT
R-42909	2001172



EXIT 178
 43
 West Lafayette
 EXIT CLOSED
 1 MILE
 Plaque On Existing Panel Sign.
 See Detail A On Sheet MT-04.

EXIT 178
 43
 West Lafayette
 EXIT CLOSED
 1/2 MILE
 Plaque On Existing Panel Sign.
 See Detail A On Sheet MT-04.

EXIT 178
 43
 West Lafayette
 EXIT CLOSED
 Plaque On Existing Panel Sign.
 See Detail A On Sheet MT-04.

EXIT 178
 43
 West Brookston
 EXIT CLOSED
 Plaque On Existing Panel Sign.
 See Detail A On Sheet MT-04.

EXIT 178
 43
 West Brookston
 EXIT CLOSED
 1/2 MILE
 Plaque On Existing Panel Sign.
 See Detail A On Sheet MT-04.

EXIT 178
 43
 West Brookston
 EXIT CLOSED
 1 MILE
 Plaque On Existing Panel Sign.
 See Detail A On Sheet MT-04.

FOR INFORMATION ONLY
 SEE ROAD PLANS, GRADE REVIEW SUBMITTAL

Legend

- Phase 2 Southbound I-65 to State Road 43 Detour Route
- Phase 3 Northbound I-65 to State Road 43 Detour Route
- ⊥ Existing Panel Sign To Be Covered By "EXIT CLOSED" Sign
- ⊥ Detour Route Marker Assembly

Note: See Sheet MT-04 For Sign Legend And "EXIT CLOSED" Plaque Detail

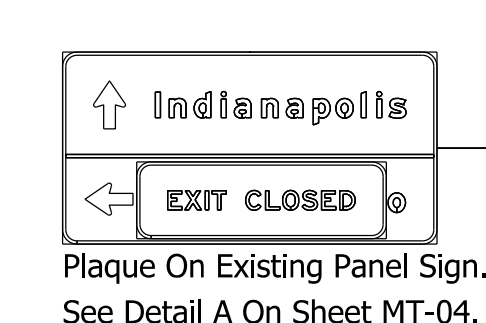
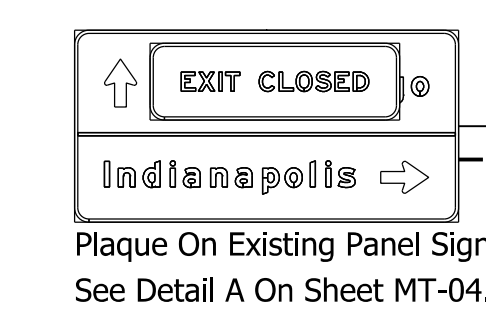
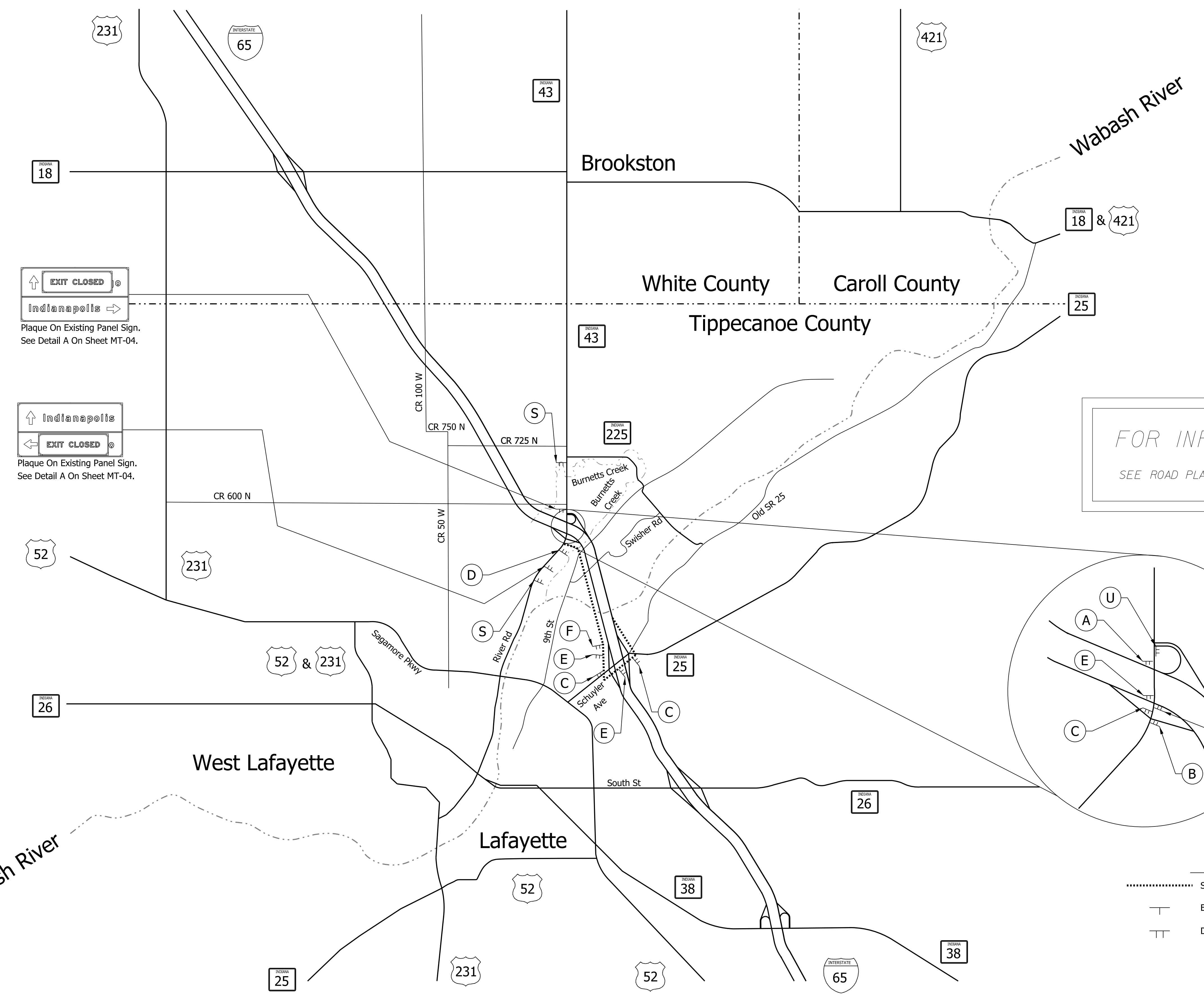
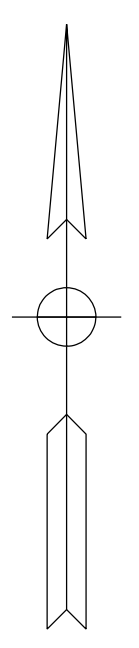
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 model: Sheet_1
 file: c:\p1\2020\9-24-2020\3-20-14 pm\3-20-14 pm.mxd

DRAFT
 NOT FOR CONSTRUCTION

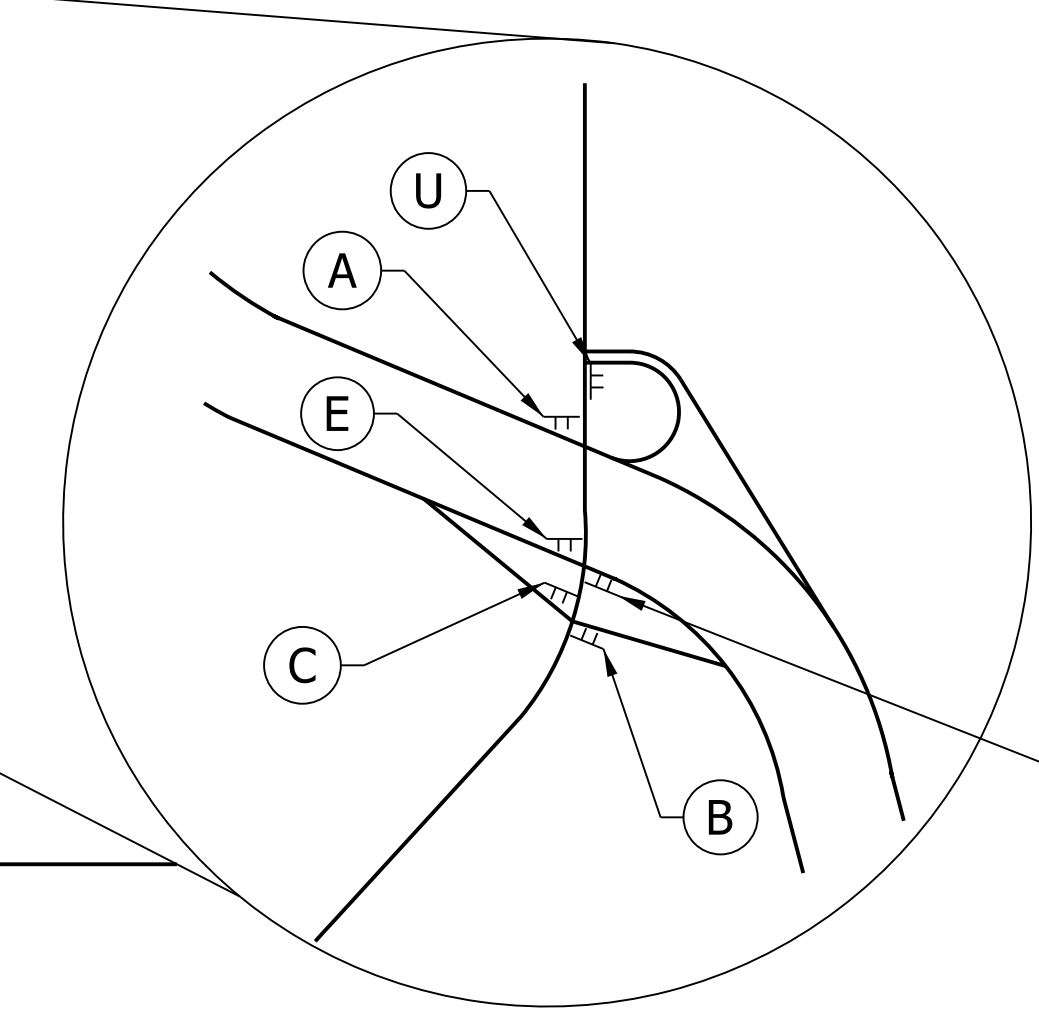
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CGR	DRAWN: CPH	
CHECKED: MKM	CHECKED: MKM	

INDIANA
 DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC
 I-65 TO SR 43 DETOUR ROUTES

HORIZONTAL SCALE	BRIDGE FILE	
N/A	I65-177-02402 CNBL & JCSBL	
VERTICAL SCALE	DESIGNATION	
N/A	2001172	
SURVEY BOOK	SHEETS	MT-01
ELECTRONIC	7 of	26
CONTRACT	PROJECT	
R-42909	2001172	



FOR INFORMATION ONLY
SEE ROAD PLANS, GRADE REVIEW SUBMITTAL



Legend

- State Road 43 to I-65 Northbound Detour Route
- Existing Panel Sign To Be Covered By "EXIT CLOSED" Sign
- Detour Route Marker Assembly

Note: See Sheet MT-04 For Sign Legend And "EXIT CLOSED" Plaque Detail

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NOT FOR CONSTRUCTION

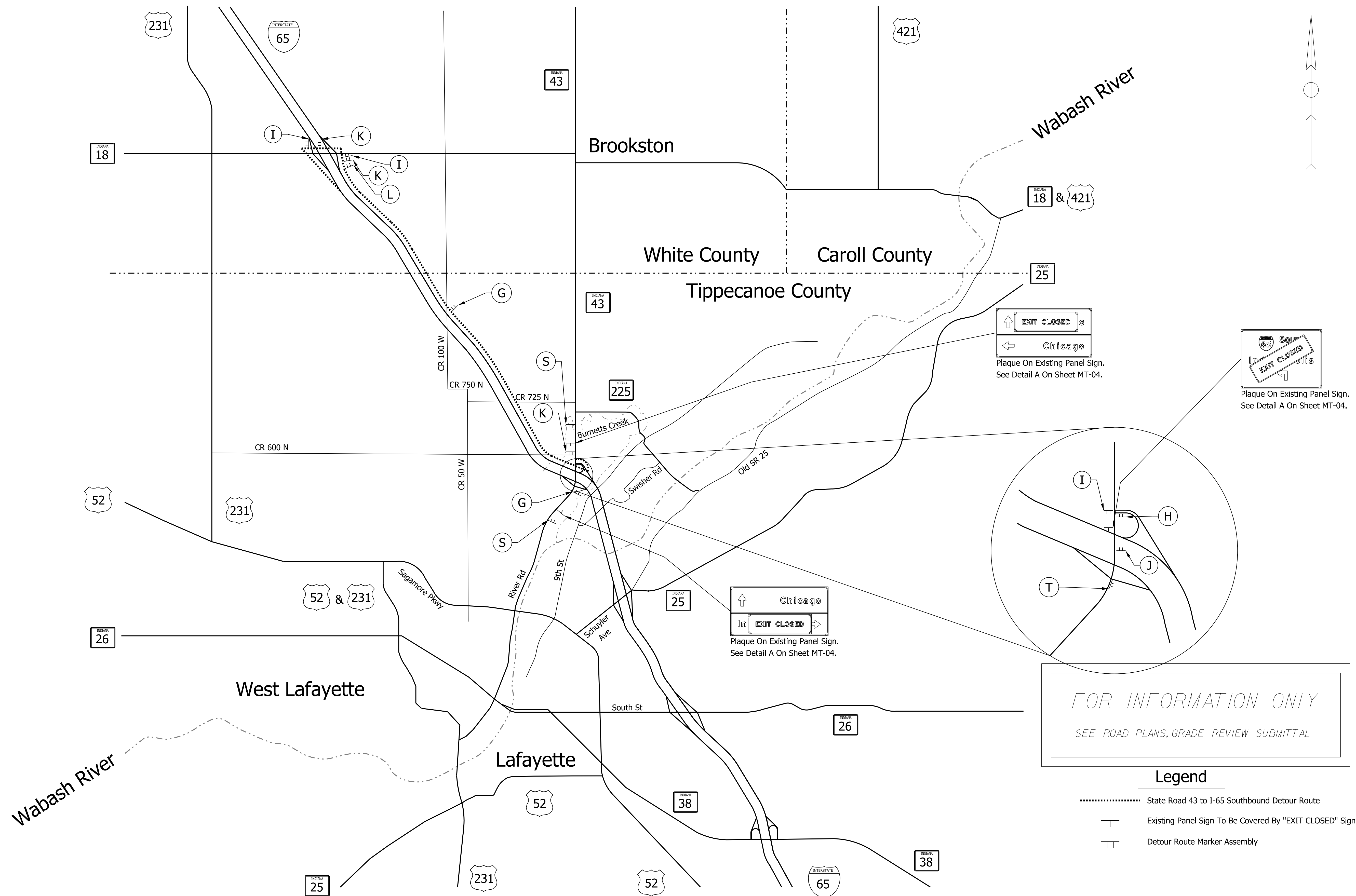
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ DCK _____	DRAWN: _____ DCK _____	
CHECKED: _____ MKM _____	CHECKED: _____ MKM _____	

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
SR 43 TO I-65 DETOUR ROUTE
PHASE 2

HORIZONTAL SCALE	BRIDGE FILE	
N/A	165-177-02402 CNBL & JCSBL	
VERTICAL SCALE	DESIGNATION	
N/A	2001172	
SURVEY BOOK	SHEETS	MT-02
ELECTRONIC	8	of 26
CONTRACT	PROJECT	
R-42909	2001172	

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FOR INFORMATION ONLY
 SEE ROAD PLANS, GRADE REVIEW SUBMITTAL

Legend

- State Road 43 to I-65 Southbound Detour Route
- Existing Panel Sign To Be Covered By "EXIT CLOSED" Sign
- TT Detour Route Marker Assembly

Note: See Sheet MT-04 For Sign Legend And "EXIT CLOSED" Plaque Detail

DRAFT
 NOT FOR CONSTRUCTION

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

INDIANA
 DEPARTMENT OF TRANSPORTATION
 TYPICAL CROSS SECTIONS
 SR 43 TO I-65 DETOUR ROUTE
 PHASE 3

HORIZONTAL SCALE	BRIDGE FILE	
N/A	165-177-02402 CNBL & JCSBL	
VERTICAL SCALE	DESIGNATION	
N/A	2001172	
SURVEY BOOK	SHEETS	MT-03
ELECTRONIC	9	of 26
CONTRACT	PROJECT	
R-42909	2001172	

PHASE 1 CONSTRUCTION ACTIVITIES

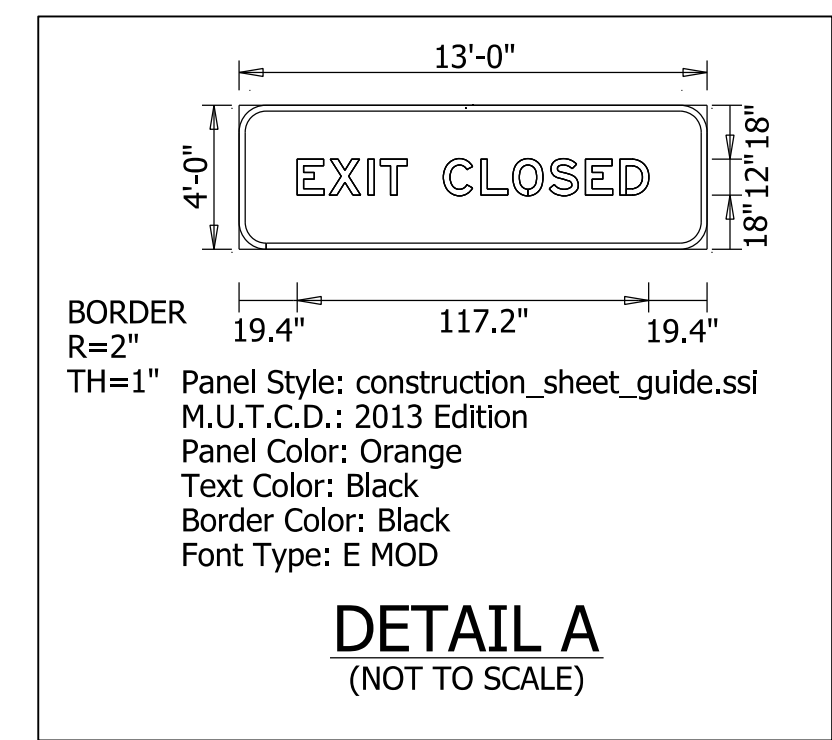
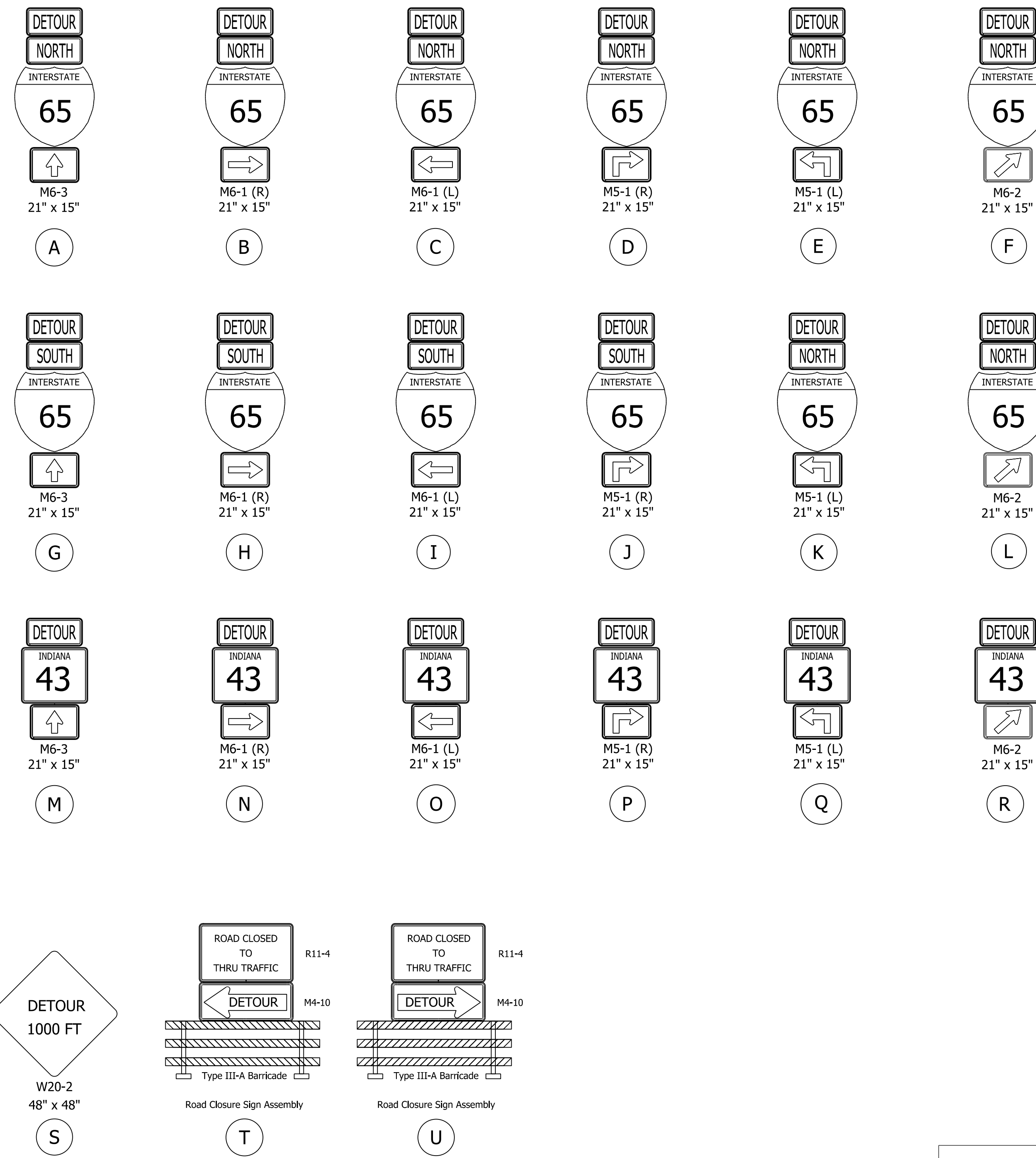
1. Install Advanced Warning Signs.
2. Remove Existing Pavement Markings And Install Temporary Pavement Markings In The Layout Shown On The MOT Phase 1 Typical.
3. Install Barrier On Inside Shoulder Of Northbound And Southbound Lanes As Shown On MOT Phase 1 Typical.
4. Remove Existing Median Guardrail/Cable Barrier In The Half Of The Median Closest To Northbound Traffic.
5. Install Temporary Pavement As Shown In Typical And Grade Alongside It To Perpetuate Median Drainage.

PHASE 2 CONSTRUCTION ACTIVITIES

1. Install Advanced Warning Signs.
2. Install Temporary Pavement Markings On The Temporary Pavement To Match The Traffic Layout Shown On The MOT Phase 2 Typical.
3. Move Barrier From Southbound Inside Shoulder From Phase 1 To the Inside Edge Of The Temporary Pavement As Shown On The MOT Phase 2 Typical.
4. Remove Existing Pavement And Obstacles On The Southbound Side.
5. Reconstruct The Southbound Side To Match The Proposed Design.

PHASE 3 CONSTRUCTION ACTIVITIES

1. Install Advanced Warning Signs.
2. Install Temporary Pavement Markings On The Reconstructed Southbound Side Pavement To Match The Traffic Layout Shown On The MOT Phase 3 Typical.
3. Move Barrier From Northbound Side From Phase 2 To Match The Layout Shown On The MOT Phase 3 Typical.
4. Remove Existing Pavement And Obstacles On The Northbound Side.
5. Reconstruct The Northbound Side To Match The Proposed Design.



FOR INFORMATION ONLY
SEE ROAD PLANS, GRADE REVIEW SUBMITTAL

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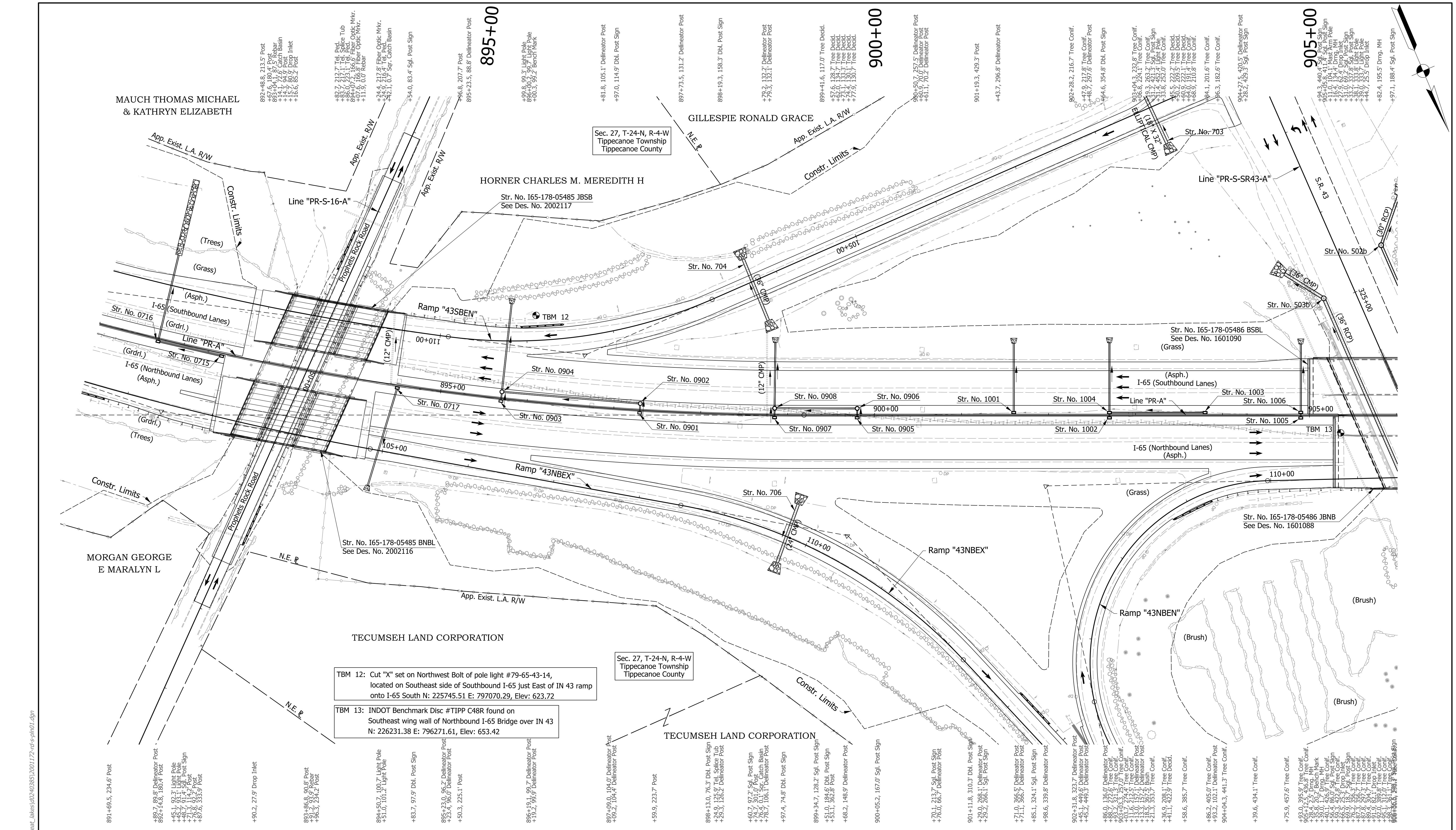
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NOT FOR CONSTRUCTION

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

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
GENERAL NOTES

HORIZONTAL SCALE	BRIDGE FILE
3/16"=1'-0"	165-177-02402 CNBL & JCSBL
VERTICAL SCALE	DESIGNATION
N/A	2001172
SURVEY BOOK	SHEETS MT-04
ELECTRONIC	10 of 26
CONTRACT	PROJECT
R-42909	2001172



- 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.

TBM 12: Cut "X" set on Northwest Bolt of pole light #79-65-43-14, located on Southeast side of Southbound I-65 just East of IN 43 ramp onto I-65 South N: 225745.51 E: 797070.29, Elev: 623.72

TBM 13: INDOT Benchmark Disc #TIPP C48R found on Southeast wing wall of Northbound I-65 Bridge over IN 43 N: 226231.38 E: 796271.61, Elev: 653.42

FOR INFORMATION ONLY
SEE ROAD PLANS, GRADE REVIEW SUBMITTAL

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NOT FOR CONSTRUCTION

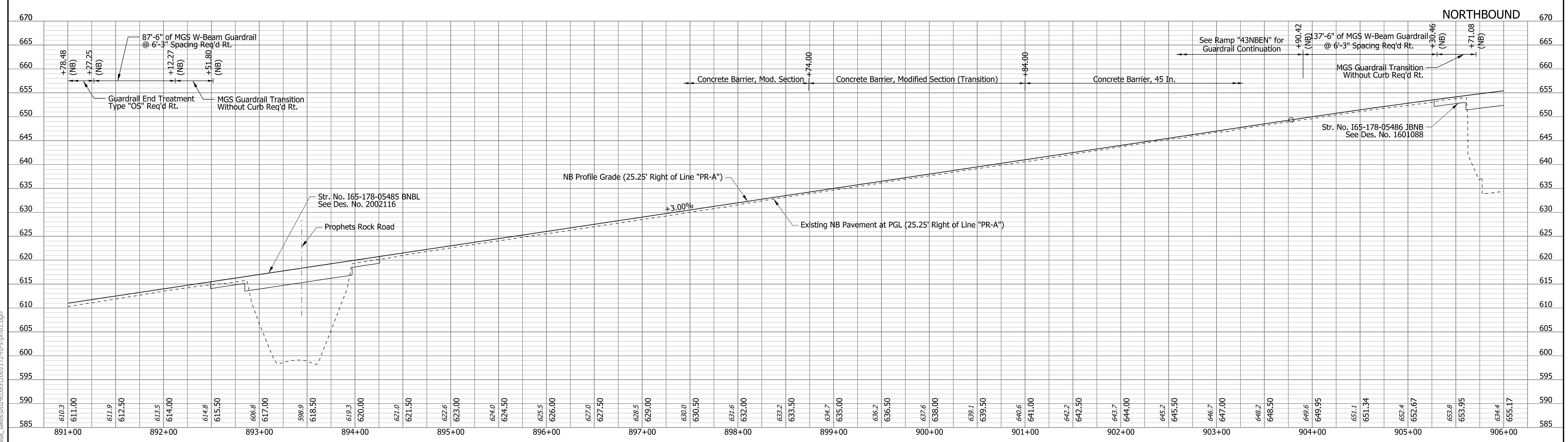
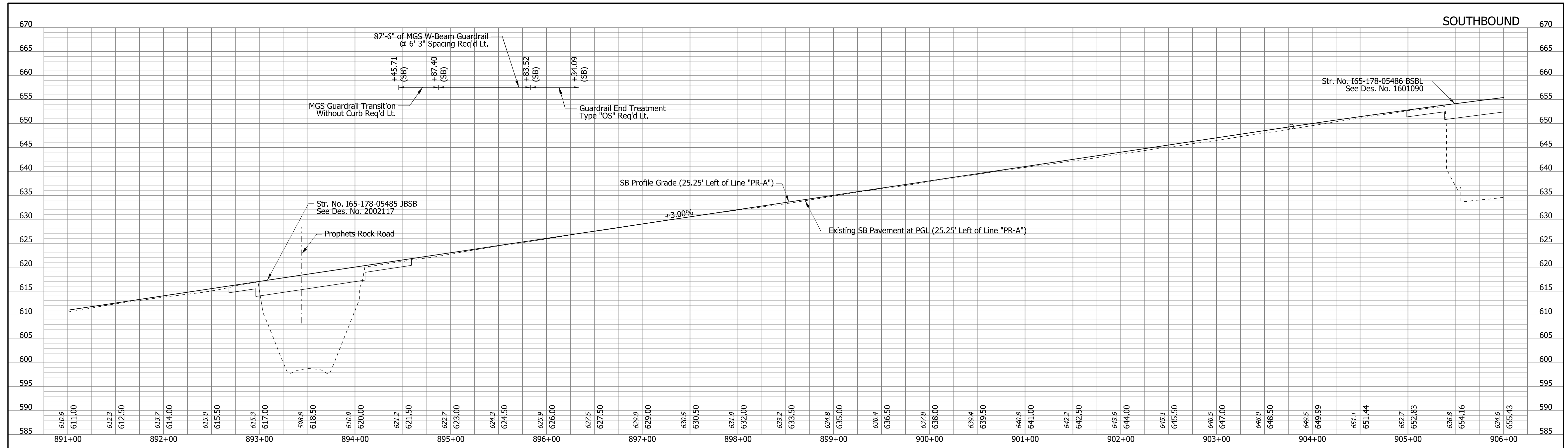
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JMA	DRAWN: CEB	
CHECKED: MKM	CHECKED: MKM	

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN SHEET
LINE "PR-A"
STA. 891+00 TO STA. 906+00

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	165-178-05485 CNBL & JCSBL
VERTICAL SCALE	DESIGNATION
N/A	2001172
SURVEY BOOK	SHEETS
ELECTRONIC	11 of 26
CONTRACT	PROJECT
R-42909	2001172

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

FOR INFORMATION ONLY
 SEE ROAD PLANS, GRADE REVIEW SUBMITTAL

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 NOT FOR CONSTRUCTION

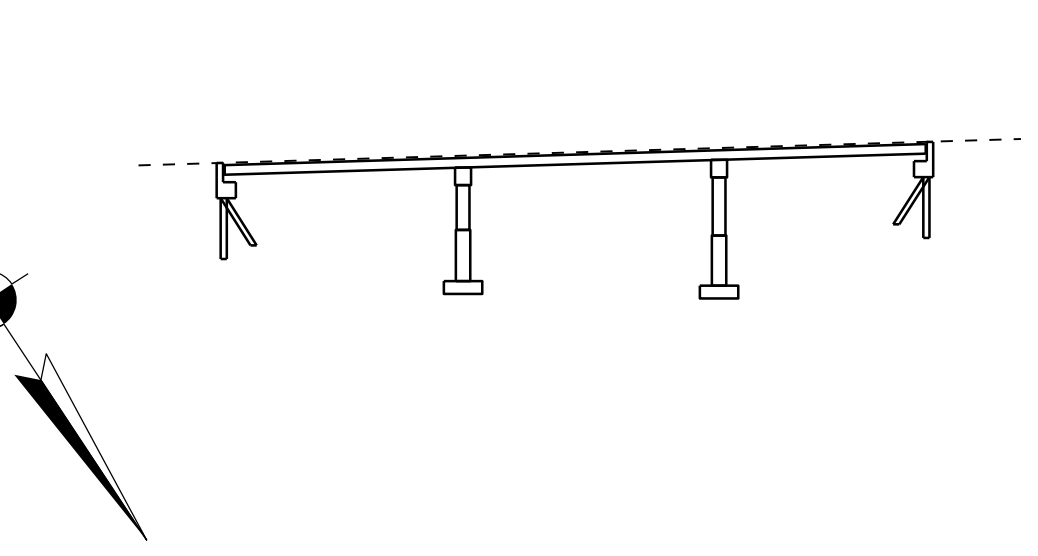
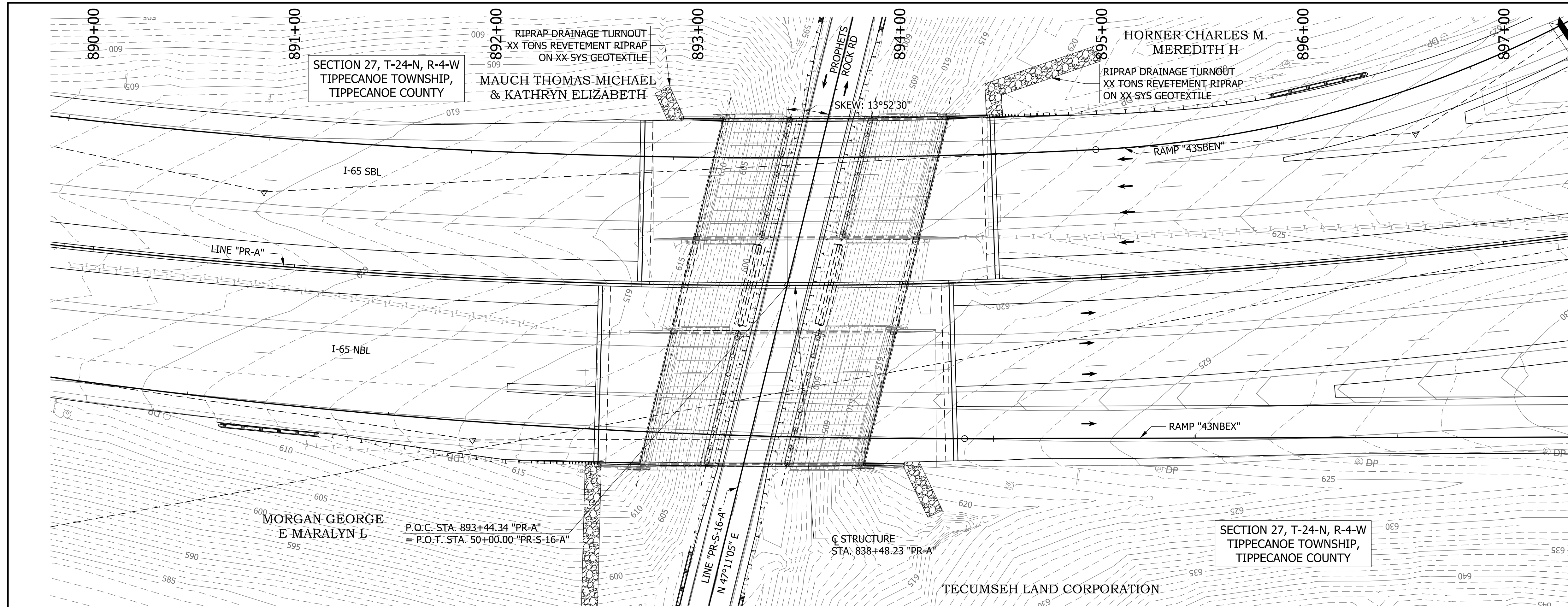
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JMA	DRAWN: CEB	
CHECKED: MKM	CHECKED: MKM	

INDIANA
 DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
 LINE "PR-A"
 STA. 891+00 TO STA. 906+00

SCALE	BRIDGE FILE
1"=50'	165-178-05485 CNBL & JCSBL
VERTICAL SCALE	DESIGNATION
1"=10'	2001172
SURVEY BOOK	SHEETS
ELECTRONIC	12 of 26
CONTRACT	PROJECT
R-42909	2001172

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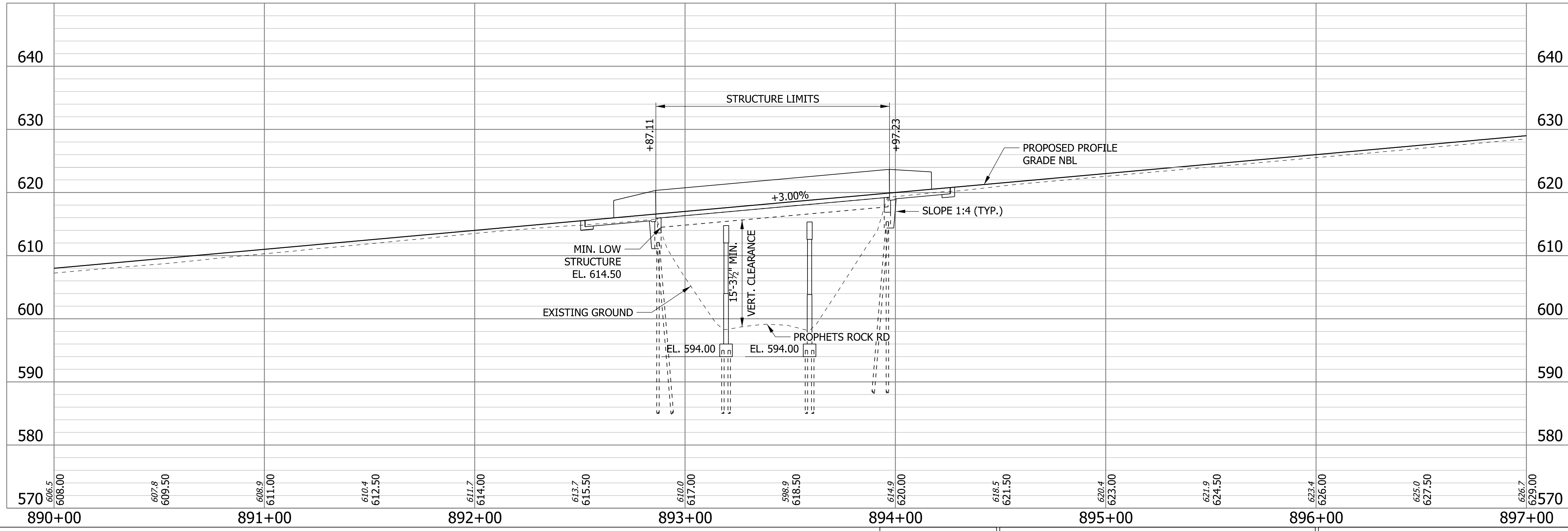
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 THE EXISTING NORTHBOUND STRUCTURE IS A THREE SPAN, ROLLED STEEL BEAM BRIDGE. THE EXISTING BRIDGE IS SKEWED 13°52'30" RT. TO TANGENT WITH SPANS OF 32'-0", 40'-0", 37'-0", AND A CLEAR ROADWAY WIDTH OF 64'-5". THE STRUCTURE WAS BUILT IN 1968 WITH A DECK OVERLAY IN 1979 AND A DECK OVERLAY AND WIDENING IN 1991. EXISTING PLANS ARE ON FILE WITH INDIANA DEPARTMENT OF TRANSPORTATION UNDER BRIDGE FILE 165-180-5485, 165-180-5485A, 165-180-5485B.

EARTHWORK TABULATION

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

HORIZONTAL CURVE DATA

P.I. STA. = 886+24.35
 $\Delta = 49^{\circ}55'06"$ LT.
 R = 3190.00'
 T = 1484.76'
 L = 2779.26'
 E = 328.61'
 SE = 5.40%



NOTE TO REVIEWER:
 Earthwork tabulations and quantities to be completed in future submittal.

CONTINUOUS COMPOSITE ROLLED STEEL BRIDGE
 3 SPANS: 32'-0", 40'-0", 37'-0"
 SKEW: 13°52'30" RT. TO TANGENT
 CLEAR ROADWAY 86'-8 1/2"
 I-65 NBL OVER PROPHETS ROCK ROAD
 TIPPECANOE COUNTY

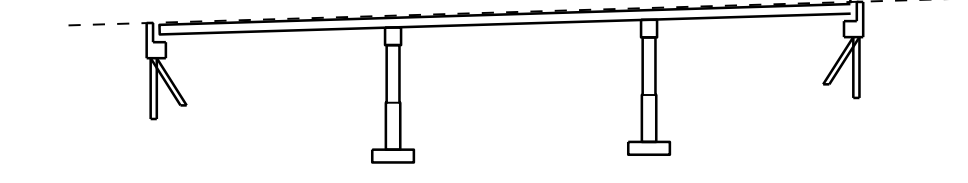
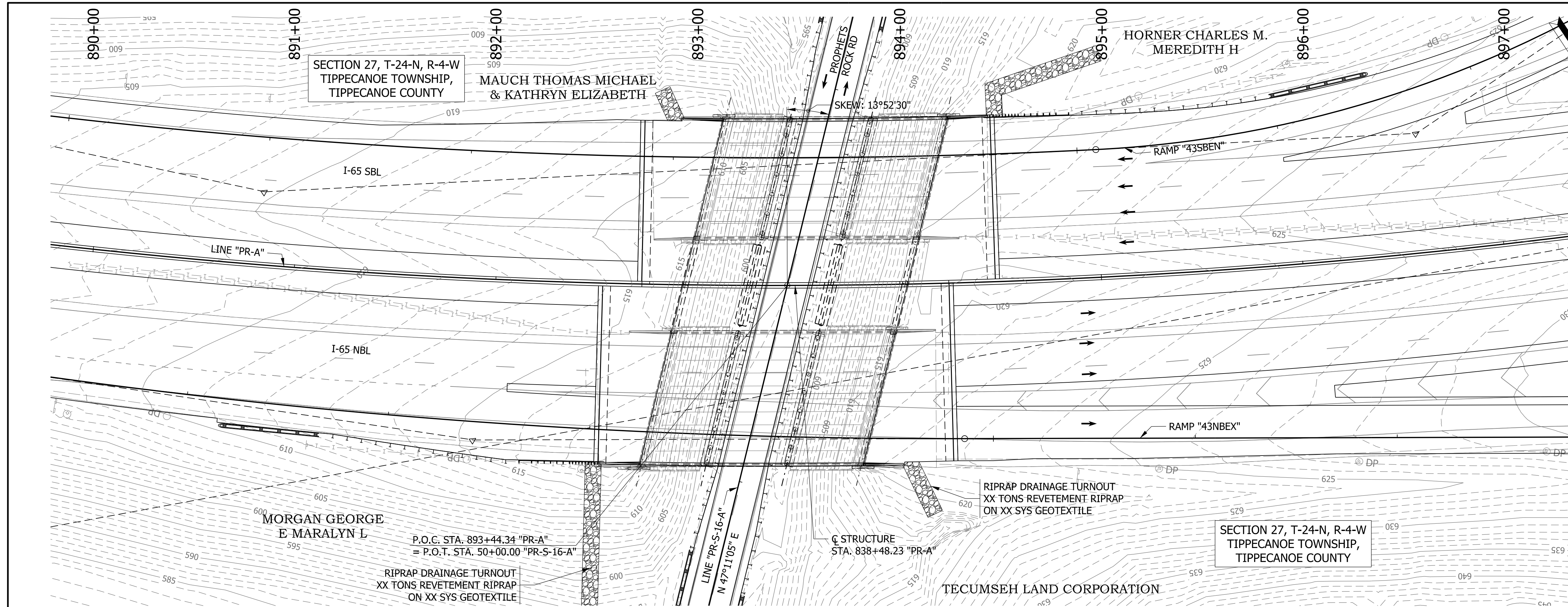
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 NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: EAS	DRAWN: EAS	
CHECKED: DSB	CHECKED: DSB	

INDIANA DEPARTMENT OF TRANSPORTATION
 LAYOUT - NBL

SCALE	BRIDGE FILE
1"=30'	165-178-05485 CNBL & JCSBL
VERTICAL SCALE	DESIGNATION
1"=10'	2002116 & 2002117
SURVEY BOOK	SHEETS
ELECTRONIC	13 of 26
CONTRACT	PROJECT
R-42909	2001172



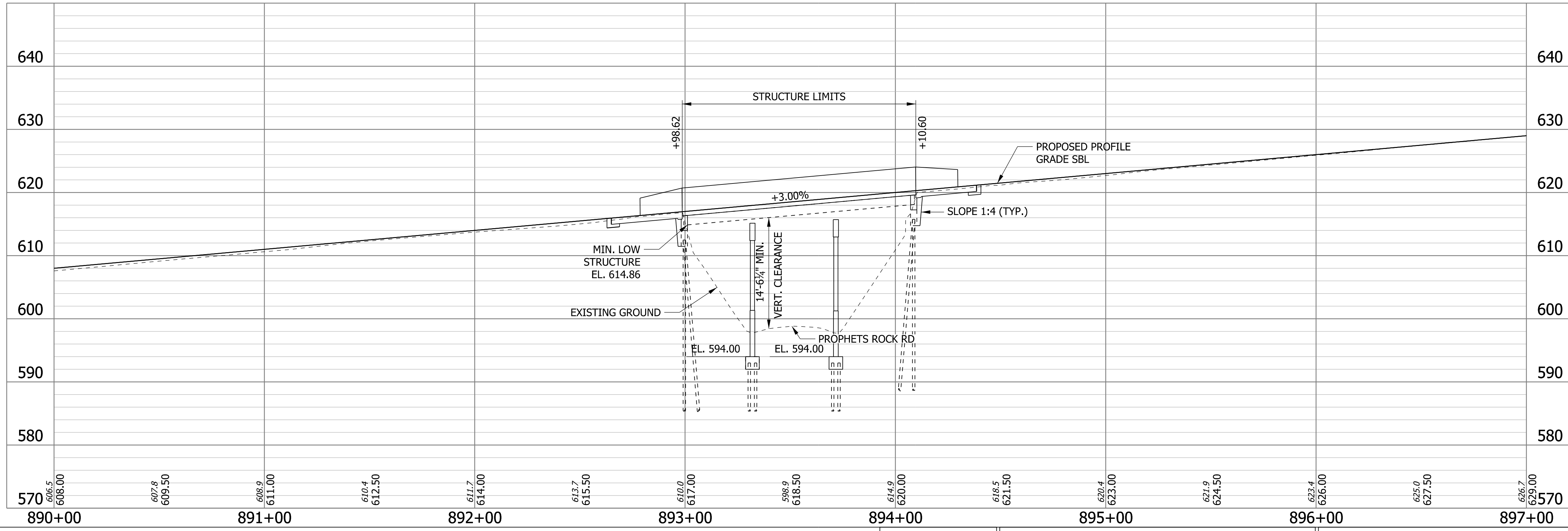
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EARTHWORK TABULATION

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

HORIZONTAL CURVE DATA

P.I. STA. = 886+24.35
 $\Delta = 49^{\circ}55'06"$ LT.
 R = 3190.00'
 T = 1484.76'
 L = 2779.26'
 E = 328.61'
 SE = 5.40%



NOTE TO REVIEWER:
 Earthwork tabulations and quantities to be completed in future submittal.

CONTINUOUS COMPOSITE ROLLED STEEL BRIDGE
 3 SPANS: 32'-0", 40'-0", 37'-0"
 SKEW: 13°52'30" RT. TO TANGENT
 CLEAR ROADWAY 79'-9"
 I-65 SBL OVER PROPHETS ROCK ROAD
 TIPPECANOE COUNTY

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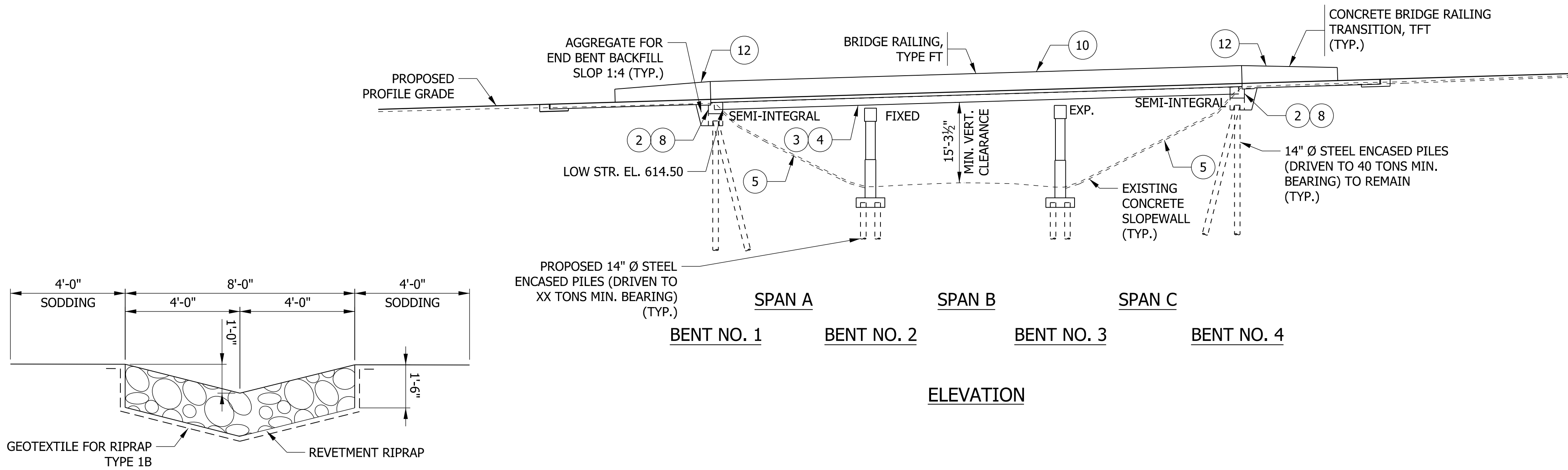
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 NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: EAS	DRAWN: EAS	
CHECKED: DSB	CHECKED: DSB	

INDIANA DEPARTMENT OF TRANSPORTATION
 LAYOUT - SBL

SCALE	BRIDGE FILE
1"=30'	165-178-05485 CNBL & JCSBL
VERTICAL SCALE	DESIGNATION
1"=10'	2002116 & 2002117
SURVEY BOOK	SHEETS
ELECTRONIC	14 of 26
CONTRACT	PROJECT
R-42909	2001172

STRUCTURE BUILT ON A +3.00% GRADE

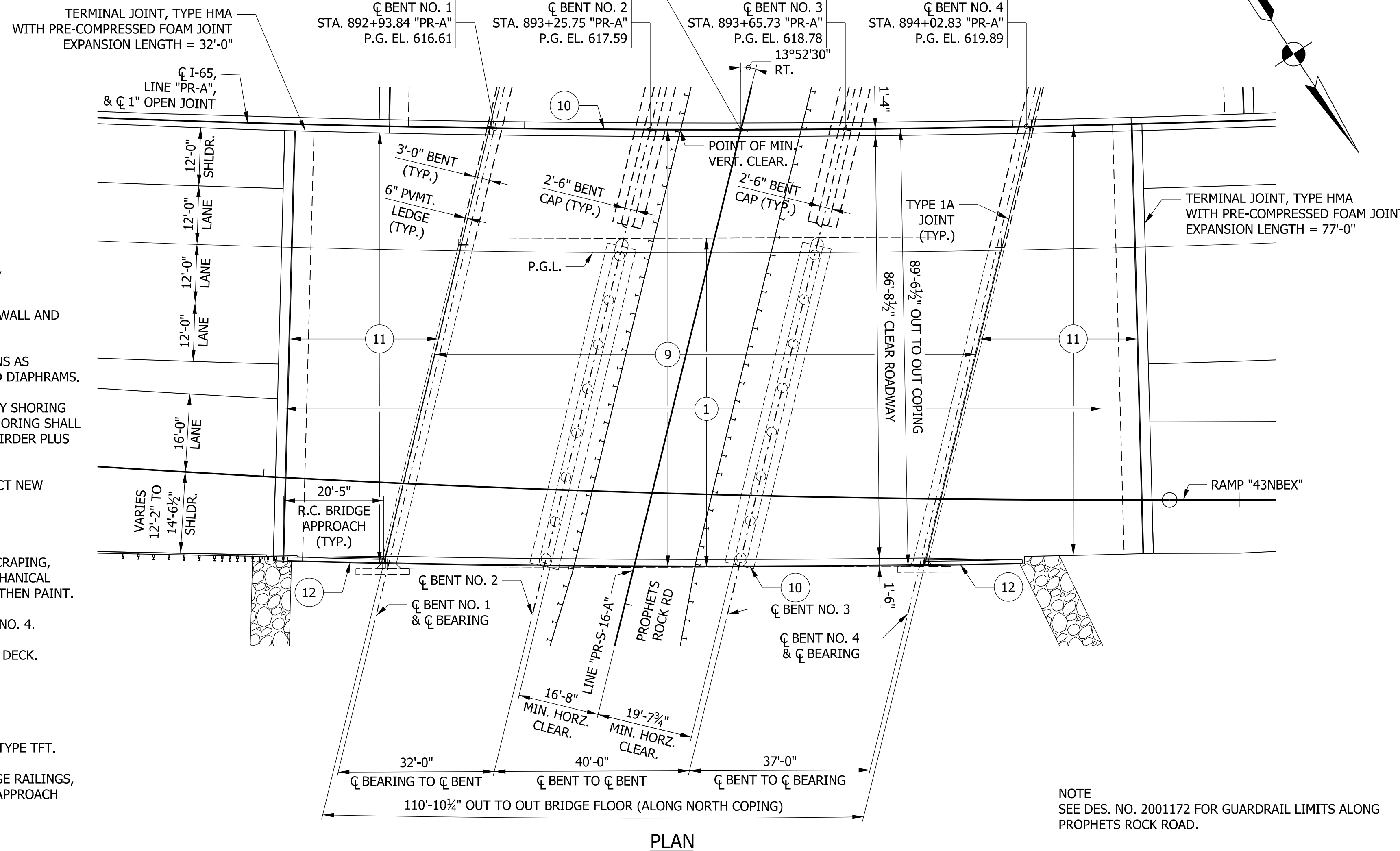


ELEVATION

RIPTAP DRAINAGE TURNOUT
TYPICAL SECTION

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

TERMINAL JOINT, TYPE HMA
WITH PRE-COMPRESSED FOAM JOINT
EXPANSION LENGTH = 32'-0"



PLAN

GENERAL NOTES

PLANS FOR EXISTING STRUCTURE ARE ON FILE IN THE CENTRAL OFFICE AS BRIDGE FILE I-65-181-5486, I-65-181-5486A AND I-65-181-5487B AND ARE AVAILABLE UPON REQUEST.

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

REINFORCING STEEL COVERING SHALL BE 2 1/2" IN THE TOP AND 1" MINIMUM IN THE BOTTOM OF THE FLOOR SLAB, 3" IN THE SUBSTRUCTURE EXCEPT THE BOTTOM STEEL WHICH SHALL BE 4" AND 2" IN ALL OTHER PARTS, UNLESS OTHERWISE NOTED.

CLEAN AND SURFACE SEAL ALL EXPOSED FACES OF THE CONCRETE RAILING, COPING, AND APPROACH SLABS.

ALL PAVEMENT MARKINGS AND SNOWPLOWABLE RAISED PAVEMENT MARKINGS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND.

DESIGN DATA

SUPERSTRUCTURE AND SUBSTRUCTURE DESIGN FOR HS-20 LOADING, IN ACCORDANCE WITH THE AASHTO BRIDGE DESIGN SPECIFICATIONS, SEVENTEENTH EDITION, 2002, AND ITS SUBSEQUENT INTERMS.

DEAD LOAD:

DESIGNED FOR ACTUAL DEAD LOAD PLUS 35 LBS/SFT FUTURE WEARING SURFACE SLAB DESIGNED WITH 1/2" MONOLITHIC WEARING SURFACE.

LIVE LOAD:

SUPERSTRUCTURE DESIGNED FOR HS20-44 LIVE LOAD WITH IMPACT.

MATERIALS:

CLASS "C" CONCRETE f_c = 4,000 psi
CLASS "A" CONCRETE f_c = 3,500 psi
CLASS "B" CONCRETE f_c = 3,000 psi
REINFORCING BARS F_y = 60,000 psi

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.

DECK FALSEWORK LOADS:

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

CONSTRUCTION LIVE LOAD:

DESIGNED FOR 20 LBS/SFT EXTENDING 2'-0" PAST THE EDGE OF COPING AND 75 LBS/FOOT VERTICAL FORCE APPLIED AT A DISTANCE OF 6" OUTSIDE THE FACE OF COPING OVER A 30'-0" LENGTH OF THE DECK CENTERED WITH FINISHING MACHINE.

FINISHING MACHINE LOAD:

4500 LBS DISTRIBUTED OVER 10'-0" ALONG THE COPING.

WIND LOAD:

STRUCTURE DESIGNED FOR 70 MPH HORIZONTAL WIND LOADING IN ACCORDANCE WITH AASHTO LRFD 3.8.1.

CONTINUOUS COMPOSITE ROLLED STEEL BRIDGE
3 SPANS: 32'-0", 40'-0", 37'-0"
SKEW: 13°52'30" RT. TO TANGENT
CLEAR ROADWAY 86'-8 1/2"
I-65 NBL OVER PROPHETS ROCK ROAD
TIPPECANOE COUNTY

LEGEND

- 1 REMOVE EXISTING BRIDGE DECK, BRIDGE RAILING, REINFORCED CONCRETE APPROACH SLABS.
- 2 REMOVE PORTIONS OF THE MUDWALLS AND WINGWALL AND EXCAVATE TO THE DEPTH REQUIRED PER DETAILS.
- 3 REMOVE EXISTING DIAPHRAGMS AND CONNECTIONS AS REQUIRED PER DETAILS. CONSTRUCT NEW BOLTED DIAPHRAGMS.
- 4 JACK AND SUPPORT SUPERSTRUCTURE. TEMPORARY SHORING REQUIRED PRIOR TO ANY CONCRETE REMOVAL. SHORING SHALL BE DESIGNED FOR A DEAD LOAD OF XX KIPS PER GIRDER PLUS ANY CONSTRUCTION LOADS.
- 5 REMOVE PORTIONS OF SLOPEWALL AND CONSTRUCT NEW PORTIONS OF 4" SLOPEWALL.
- 6 CONSTRUCT NEW STEEL GIRDERS.
- 7 REMOVE ALL PAINT, GRIME, RUST, AND DIRT BY SCRAPING, WIRE BRUSH, SAND/SODA BLASTING, AND/OR MECHANICAL GRINDING ALL EXISTING STRUCTURAL STEEL AND THEN PAINT.
- 8 CONSTRUCT SEMI-INTEGRAL BENTS AT NO. 1 AND NO. 4.
- 9 CONSTRUCT NEW REINFORCED CONCRETE BRIDGE DECK.
- 10 CONSTRUCT NEW BRIDGE RAILING, TYPE FT.
- 11 CONSTRUCT NEW BRIDGE APPROACH SLABS.
- 12 CONSTRUCT NEW BRIDGE RAILING TRANSITIONS, TYPE TFT.
- 13 SURFACE SEAL THE BRIDGE DECK, COPINGS, BRIDGE RAILINGS, BRIDGE TRANSITIONS, AND REINFORCED BRIDGE APPROACH SLAB (APPROX. XX,XXX SFT).

NOTE
SEE DES. NO. 2001172 FOR GUARDRAIL LIMITS ALONG PROPHETS ROCK ROAD.

NOTE TO REVIEWER

This is a Pavement Alternate Bid Contract. Terminal joints will depend on the pavement type used.

NOTE TO REVIEWER

Proposed pile tip elevations and capacity will be provided in a future submittal.

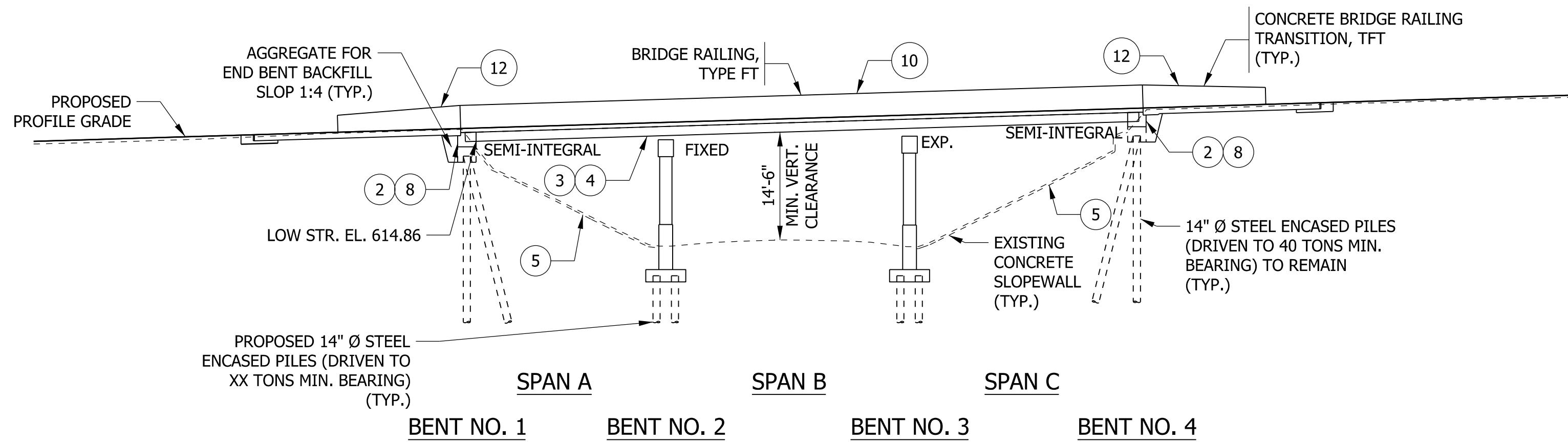
DRAFT
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: EAS	DRAWN: EAS	
CHECKED: DSB	CHECKED: DSB	

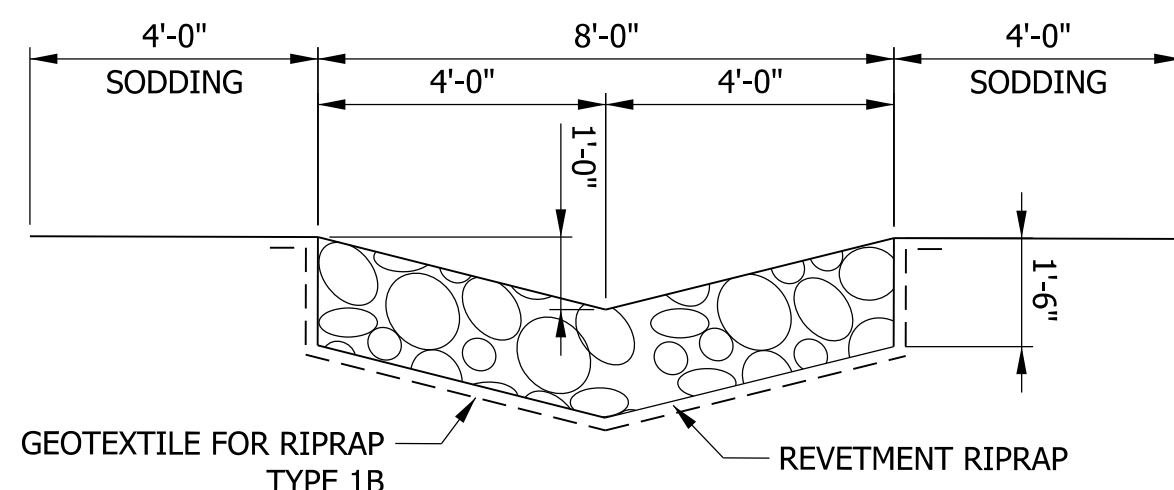
INDIANA DEPARTMENT OF TRANSPORTATION	
GENERAL PLAN - NBL	

HORIZONTAL SCALE	BRIDGE FILE
1/16"=1'-0"	165-178-05485 CNBL & JCSBL
VERTICAL SCALE	DESIGNATION
1/16"=1'-0"	2002116 & 2002117
SURVEY BOOK	SHEETS GP-01
ELECTRONIC	15 of 26
CONTRACT	PROJECT
R-42909	2001172

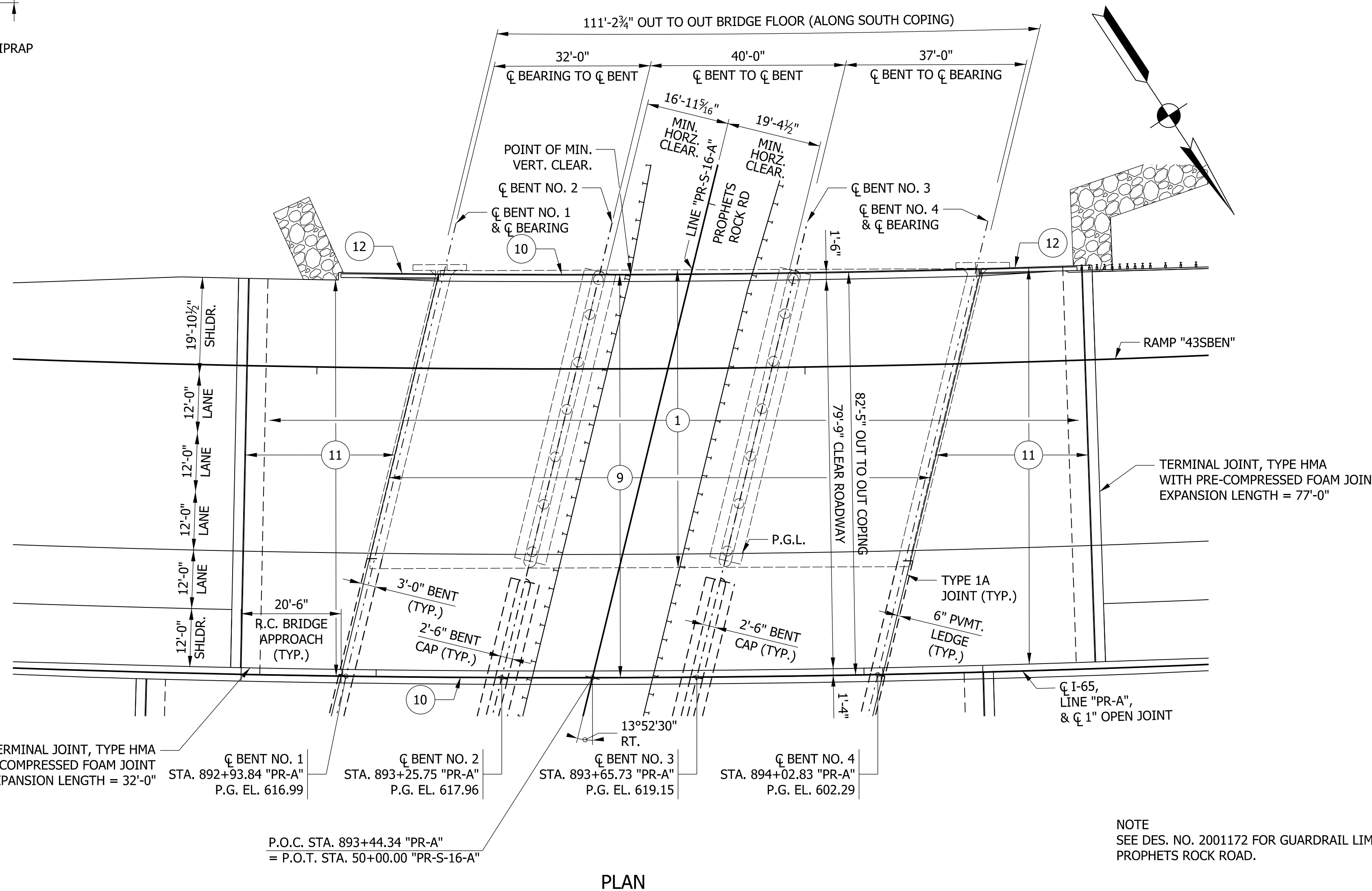
STRUCTURE BUILT ON A +3.00% GRADE



ELEVATION



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



PLAN

LEGEND

- 1 REMOVE EXISTING BRIDGE DECK, BRIDGE RAILING, REINFORCED CONCRETE APPROACH SLABS.
- 2 REMOVE PORTIONS OF THE MUDWALLS AND WINGWALL AND EXCAVATE TO THE DEPTH REQUIRED PER DETAILS.
- 3 REMOVE EXISTING DIAPHRAGMS AND CONNECTIONS AS REQUIRED PER DETAILS. CONSTRUCT NEW BOLTED DIAPHRAGMS.
- 4 JACK AND SUPPORT SUPERSTRUCTURE. TEMPORARY SHORING REQUIRED PRIOR TO ANY CONCRETE REMOVAL. SHORING SHALL BE DESIGNED FOR A DEAD LOAD OF XX KIPS PER GIRDER PLUS ANY CONSTRUCTION LOADS.
- 5 REMOVE PORTIONS OF SLOPEWALL AND CONSTRUCT NEW PORTIONS OF 4" SLOPEWALL.
- 6 CONSTRUCT NEW STEEL GIRDERS.
- 7 REMOVE ALL PAINT, GRIME, RUST, AND DIRT BY SCRAPING, WIRE BRUSH, SAND/SODA BLASTING, AND/OR MECHANICAL GRINDING ALL EXISTING STRUCTURAL STEEL AND THEN PAINT.
- 8 CONSTRUCT SEMI-INTEGRAL BENTS AT NO. 1 AND NO. 4.
- 9 CONSTRUCT NEW REINFORCED CONCRETE BRIDGE DECK.
- 10 CONSTRUCT NEW BRIDGE RAILING, TYPE FT.
- 11 CONSTRUCT NEW BRIDGE APPROACH SLABS.
- 12 CONSTRUCT NEW BRIDGE RAILING TRANSITIONS, TYPE TFT.
- 13 SURFACE SEAL THE BRIDGE DECK, COPINGS, BRIDGE RAILINGS, BRIDGE TRANSITIONS, AND REINFORCED BRIDGE APPROACH SLAB (APPROX. XX,XXX SFT).

GENERAL NOTES

PLANS FOR EXISTING STRUCTURE ARE ON FILE IN THE CENTRAL OFFICE AS BRIDGE FILE 165-180-5485J, 165-180-5485JA AND 165-180-5485JB AND ARE AVAILABLE UPON REQUEST.

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

REINFORCING STEEL COVERING SHALL BE 2 1/2" IN THE TOP AND 1" MINIMUM IN THE BOTTOM OF THE FLOOR SLAB, 3" IN THE SUBSTRUCTURE EXCEPT THE BOTTOM STEEL WHICH SHALL BE 4" AND 2" IN ALL OTHER PARTS, UNLESS OTHERWISE NOTED.

CLEAN AND SURFACE SEAL ALL EXPOSED FACES OF THE CONCRETE RAILING, COPING, AND APPROACH SLABS.

ALL PAVEMENT MARKINGS AND SNOWPLOWABLE RAISED PAVEMENT MARKINGS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED IN KIND.

DESIGN DATA

SUPERSTRUCTURE AND SUBSTRUCTURE DESIGN FOR HS-20 LOADING, IN ACCORDANCE WITH THE AASHTO BRIDGE DESIGN SPECIFICATIONS, SEVENTEENTH EDITION, 2002, AND ITS SUBSEQUENT INTERMS.

DEAD LOAD:

DESIGNED FOR ACTUAL DEAD LOAD PLUS 35 LBS/SFT FUTURE WEARING SURFACE SLAB DESIGNED WITH 1/2" MONOLITHIC WEARING SURFACE.

LIVE LOAD:

SUPERSTRUCTURE DESIGNED FOR HS20-44 LIVE LOAD WITH IMPACT.

MATERIALS:

CLASS "C" CONCRETE	f _c = 4,000 psi
CLASS "A" CONCRETE	f _c = 3,500 psi
CLASS "B" CONCRETE	f _c = 3,000 psi
REINFORCING BARS	F _y = 60,000 psi

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.

DECK FALSEWORK LOADS:

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

CONSTRUCTION LIVE LOAD:

DESIGNED FOR 20 LBS/SFT EXTENDING 2'-0" PAST THE EDGE OF COPING AND 75 LBS/FOOT VERTICAL FORCE APPLIED AT A DISTANCE OF 6" OUTSIDE THE FACE OF COPING OVER A 30'-0" LENGTH OF THE DECK CENTERED WITH FINISHING MACHINE.

FINISHING MACHINE LOAD:

4500 LBS DISTRIBUTED OVER 10'-0" ALONG THE COPING.

WIND LOAD:

STRUCTURE DESIGNED FOR 70 MPH HORIZONTAL WIND LOADING IN ACCORDANCE WITH AASHTO LRFD 3.8.1.

CONTINUOUS COMPOSITE ROLLED STEEL BRIDGE
3 SPANS: 32'-0", 40'-0", 37'-0"
SKEW: 13°52'30" RT. TO TANGENT
CLEAR ROADWAY 79'-9"
I-65 SBL OVER PROPHETS ROCK ROAD
TIPPECANOE COUNTY

NOTE TO REVIEWER
This is a Pavement Alternate Bid Contract. Terminal joints will depend on the pavement type used.

NOTE TO REVIEWER
Proposed pile tip elevations and capacity will be provided in a future submittal.

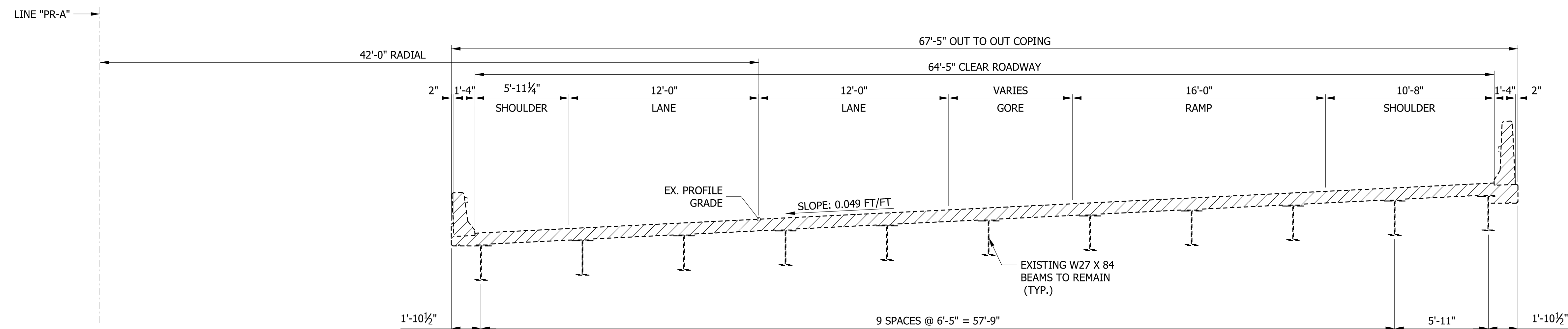
DRAFT
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: EAS	DRAWN: EAS	
CHECKED: DSB	CHECKED: DSB	

INDIANA
DEPARTMENT OF TRANSPORTATION

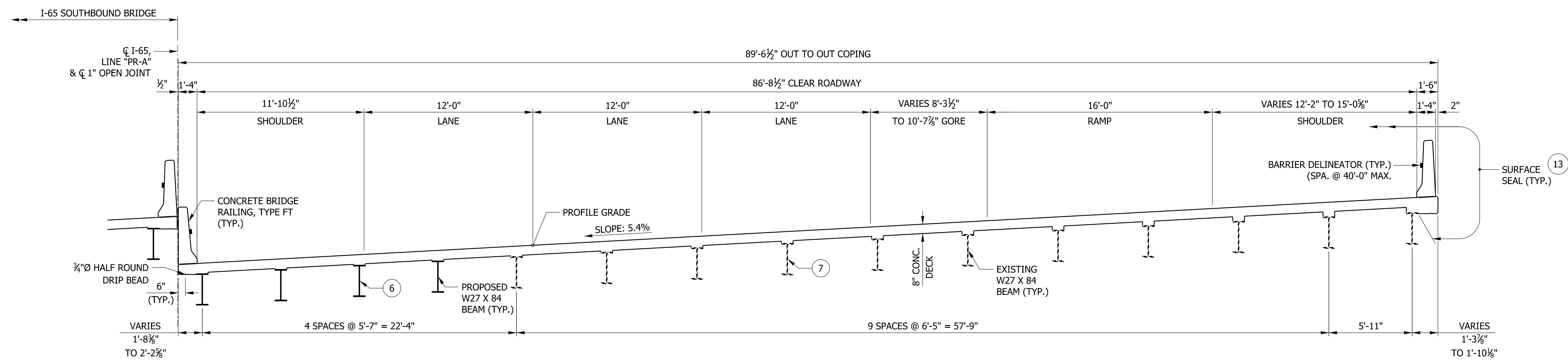
GENERAL PLAN - SBL

HORIZONTAL SCALE	BRIDGE FILE	
1/16"=1'-0"	165-178-05485 CNBL & JCSBL	
VERTICAL SCALE	DESIGNATION	
1/16"=1'-0"	2002116 & 2002117	
SURVEY BOOK	SHEETS	GP-02
ELECTRONIC	16	of 26
CONTRACT	PROJECT	
R-42909	2001172	



EXISTING TYPICAL SECTION - NBL

INDICATES LIMITS OF REMOVAL



PROPOSED TYPICAL SECTION - NBL

CONTINUOUS COMPOSITE ROLLED STEEL BRIDGE
 3 SPANS: 32'-0", 40'-0", 37'-0"
 SKEW: 13°52'30" RT. TO TANGENT
 CLEAR ROADWAY 86'-8 1/2"
 I-65 NBL OVER PROPHETS ROCK ROAD
 TIPPECANOE COUNTY

NOTE:
 See previous sheets for legend.

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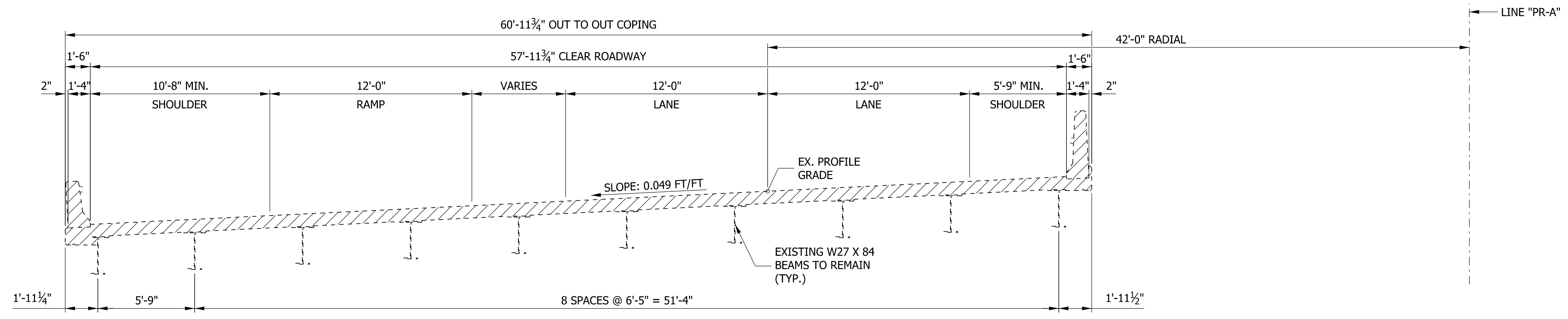
DRAFT
 NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ EAS _____	DRAWN: _____ EAS _____	
CHECKED: _____ DSB _____	CHECKED: _____ DSB _____	

INDIANA
 DEPARTMENT OF TRANSPORTATION

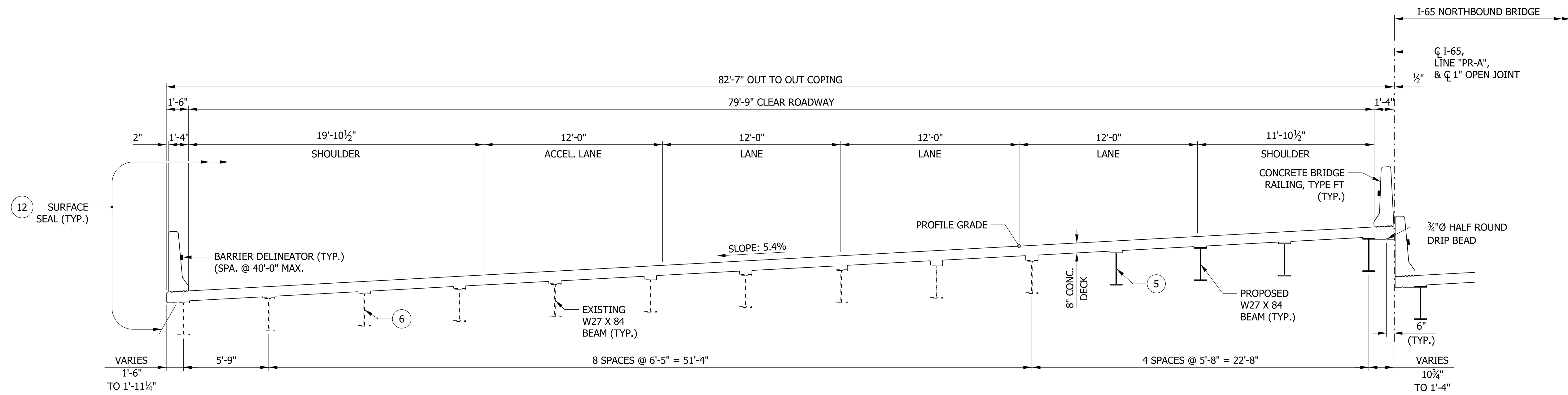
GENERAL PLAN - NBL

HORIZONTAL SCALE 1/4"=1'-0"	BRIDGE FILE 165-178-05485 CNBL & JCSBL
VERTICAL SCALE 1/4"=1'-0"	DESIGNATION 2002116 & 2002117
SURVEY BOOK ELECTRONIC	SHEETS GP-03 17 of 26
CONTRACT R-42909	PROJECT 2001172



EXISTING TYPICAL SECTION - SBL

INDICATES LIMITS OF REMOVAL



PROPOSED TYPICAL SECTION - SBL

CONTINUOUS COMPOSITE ROLLED STEEL BRIDGE
 3 SPANS: 32'-0", 40'-0", 37'-0"
 SKEW: 13°52'30" RT. TO TANGENT
 CLEAR ROADWAY 79'-9"
 I-65 SBL OVER PROPHETS ROCK ROAD
 TIPPECANOE COUNTY

NOTE:
 See previous sheets for legend.

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 model-Sheet42
 file: c:\cadd\ib\p\hmb_d\rev.barth\greatlakes\02499271\2001172-br-plan02.dgn

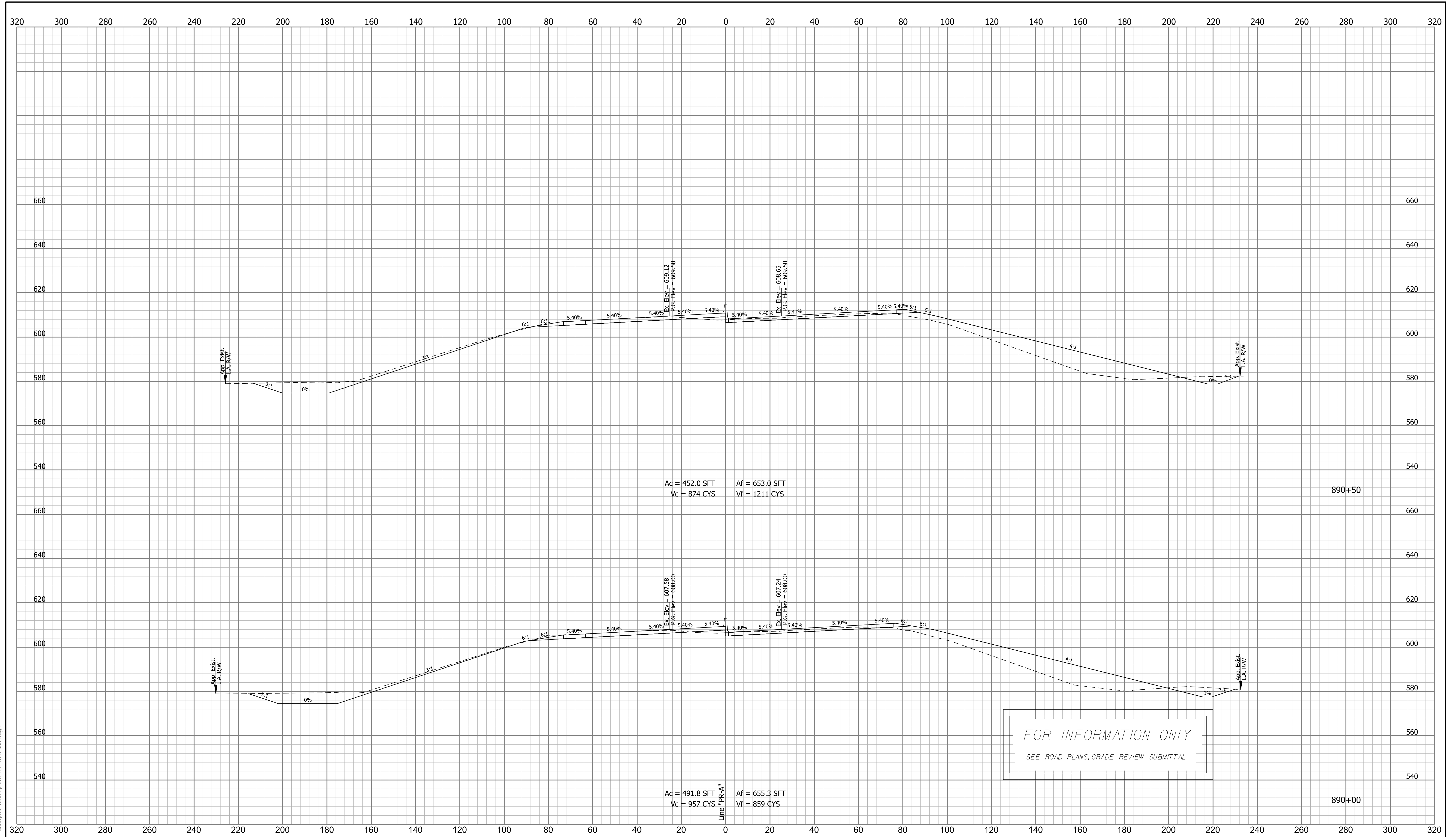
DRAFT
 NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ EAS _____	DRAWN: _____ EAS _____	
CHECKED: _____ DSB _____	CHECKED: _____ DSB _____	

INDIANA
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN - SBL

HORIZONTAL SCALE	BRIDGE FILE
1/4"=1'-0"	165-178-05485 CNBL & JCSBL
VERTICAL SCALE	DESIGNATION
1/4"=1'-0"	2002116 & 2002117
SURVEY BOOK	SHEETS
ELECTRONIC	18 of 26
CONTRACT	PROJECT
R-42909	2001172



jealovander
 9/18/2020 8:42:31 am
 model: Sheet51
 file: c:\caddlib\pwr\trngel\pwr\great_lakes\02-40385\2001172-rd-s-ssd1.dgn

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.

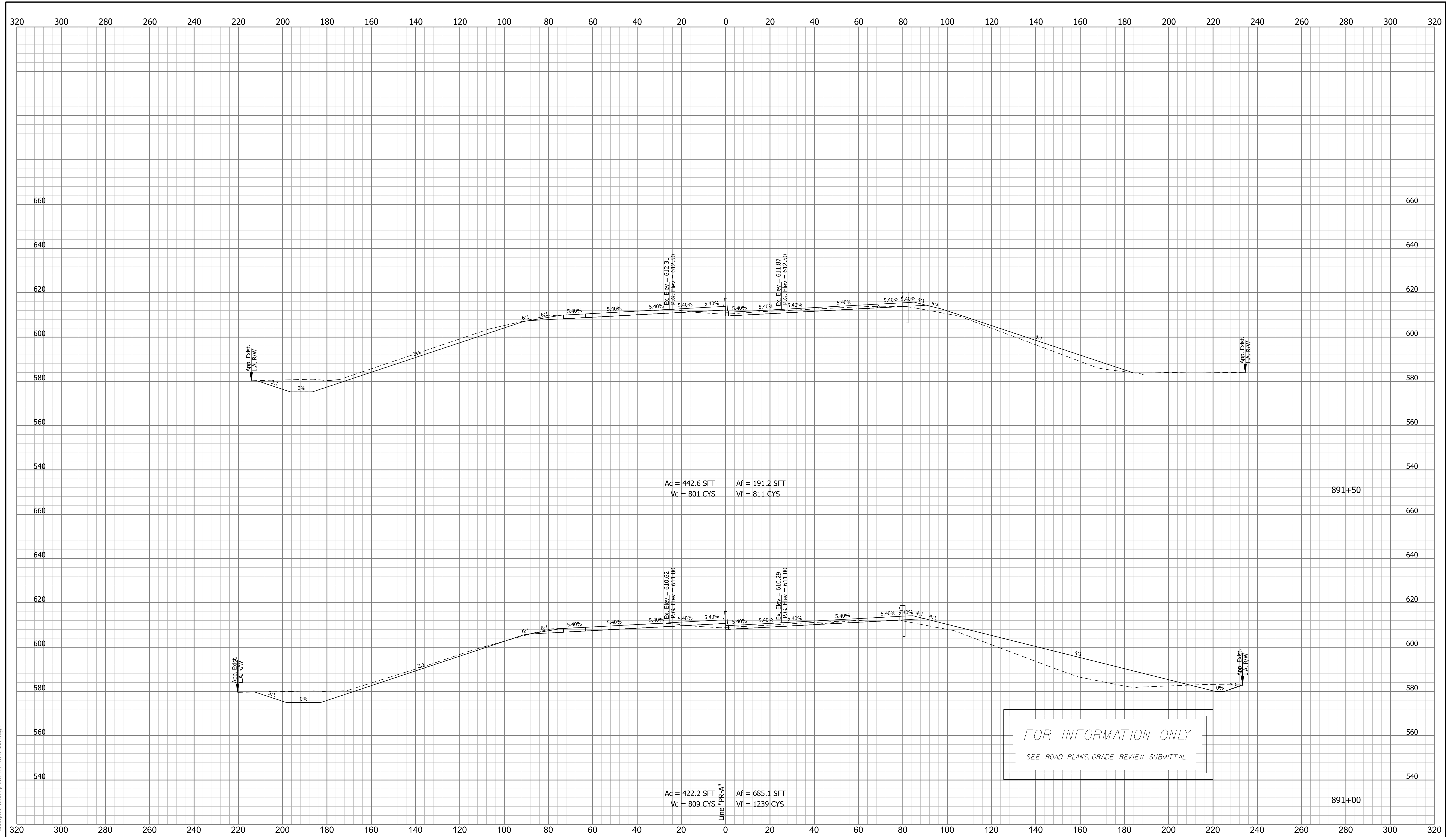
NOTE TO REVIEWER:
 Ditch grading to provide required in-line detention in lieu of ponds. The longitudinal grade of the in-line detention ditch shall be 0.5% minimum and have a maximum water depth of 5-feet. Ditch construction limits to be adjusted, after stage 1, to provide adequate clearance from existing R/W.

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

INDIANA DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS
LINE "PR-A"

SCALE	BRIDGE FILE
1"=20'	165-178-05485 CNBL & JCSBL
VERTICAL SCALE	DESIGNATION
1"=20'	2001172
SURVEY BOOK	SHEETS XS-51
ELECTRONIC	20 of 26
CONTRACT	PROJECT
R-42909	2001172



FOR INFORMATION ONLY
SEE ROAD PLANS, GRADE REVIEW SUBMITTAL

NOTE TO REVIEWER:

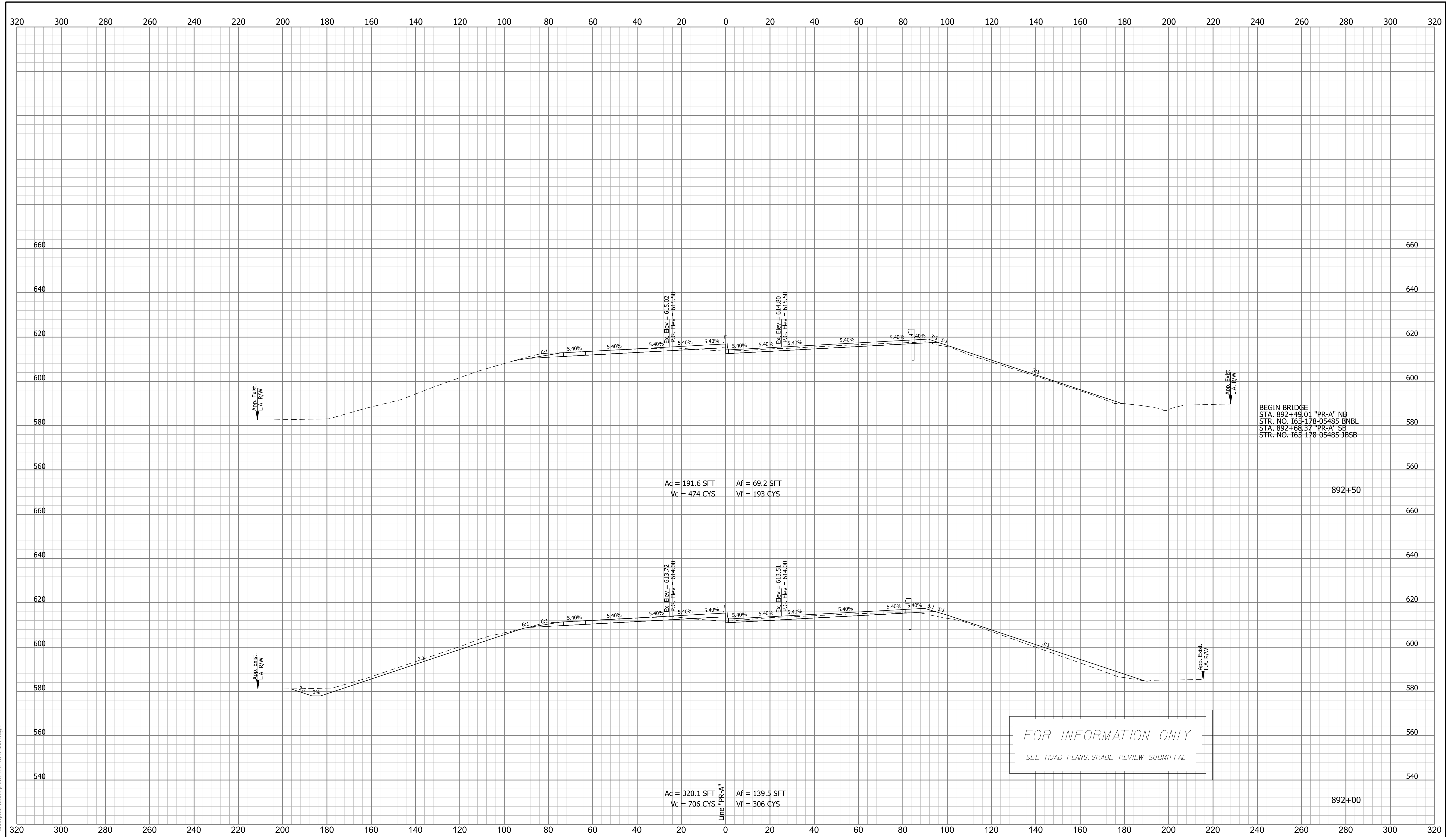
Per IDM 402-6.02(04), a constant cross slope must be provided on a proposed bridge deck in superelevation. The high side shoulders are sloped to meet this requirement. Due to close proximity of 9th Street and Prophets Rock Road, roadway section kept planar for consistency of the corridor. To be coordinated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

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

INDIANA
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS
LINE "PR-A"

SCALE	BRIDGE FILE
1"=20'	165-178-05485 CNBL & JCSBL
VERTICAL SCALE	DESIGNATION
1"=20'	2001172
SURVEY BOOK	SHEETS
ELECTRONIC	21 of 26
CONTRACT	PROJECT
R-42909	2001172



BEGIN BRIDGE
 STA. 892+49.01 "PR-A" NB
 STR. NO. 165-178-05485 BNBL
 STA. 892+68.37 "PR-A" SB
 STR. NO. 165-178-05485 JBSB

Ac = 191.6 SFT Af = 69.2 SFT
 Vc = 474 CYS Vf = 193 CYS

892+50

Ac = 320.1 SFT Af = 139.5 SFT
 Vc = 706 CYS Vf = 306 CYS

892+00

FOR INFORMATION ONLY
 SEE ROAD PLANS, GRADE REVIEW SUBMITTAL

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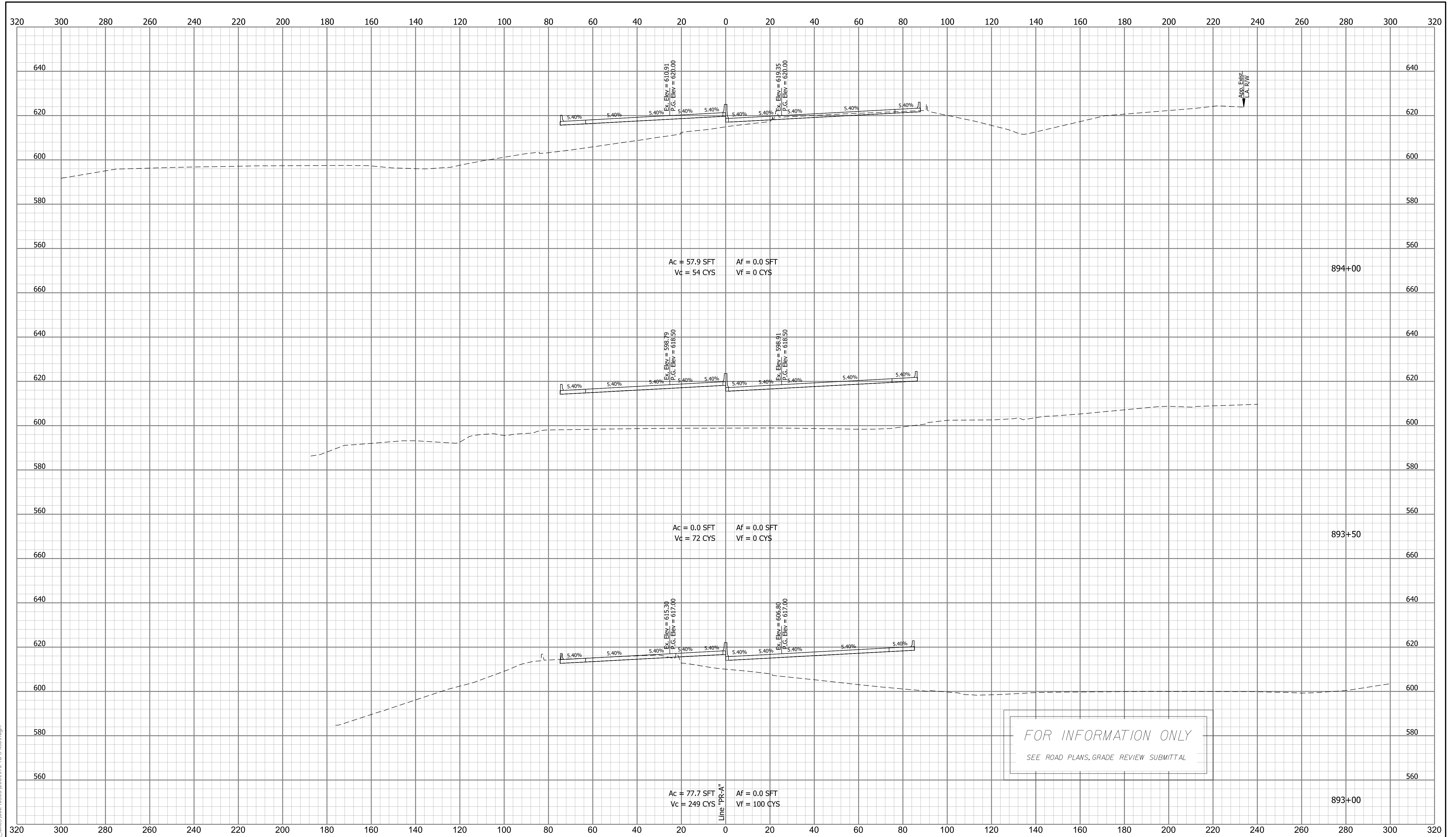
NOTE TO REVIEWER:
 Per IDM 402-6.02(04), a constant cross slope must be provided on a proposed bridge deck in superelevation. The high side shoulders are sloped to meet this requirement. Due to close proximity of 9th Street and Prophets Rock Road, roadway section kept planar for consistency of the corridor.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

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

INDIANA
 DEPARTMENT OF TRANSPORTATION

**ROADWAY CROSS SECTIONS
 LINE "PR-A"**

SCALE 1"=20'	BRIDGE FILE 165-178-05485 CNBL & JCSBL
VERTICAL SCALE 1"=20'	DESIGNATION 2001172
SURVEY BOOK ELECTRONIC	SHEETS 22 of 26
CONTRACT R-42909	PROJECT 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.

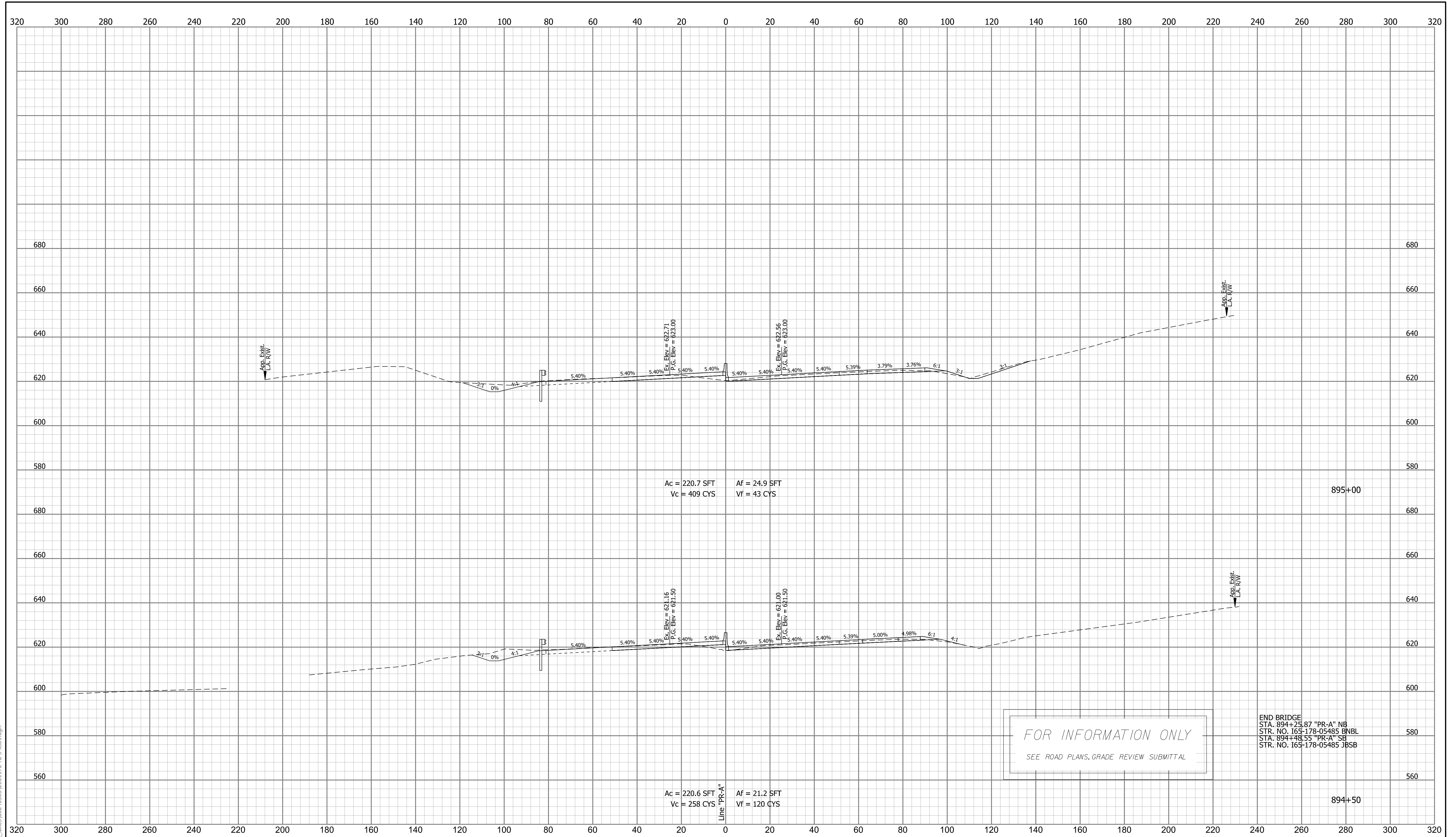
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____	DFK	DRAWN: _____
_____	DFK	_____
CHECKED: _____	MKM	CHECKED: _____
_____	MKM	_____

INDIANA
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS
LINE "PR-A"

SCALE	BRIDGE FILE
1"=20'	165-178-05485 CNBL & JCSBL
VERTICAL SCALE	DESIGNATION
1"=20'	2001172
SURVEY BOOK	SHEETS
ELECTRONIC	23 of 26
CONTRACT	PROJECT
R-42909	2001172

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 model: Sheet54
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Ac = 220.7 SFT
Vc = 409 CYS

Af = 24.9 SFT
Vf = 43 CYS

Ac = 220.6 SFT
Vc = 258 CYS

Af = 21.2 SFT
Vf = 120 CYS

FOR INFORMATION ONLY
SEE ROAD PLANS, GRADE REVIEW SUBMITTAL

END BRIDGE
STA. 894+25.87 "PR-A" NB
STR. NO. 165-178-05485 BNBL
STA. 894+48.55 "PR-A" SB
STR. NO. 165-178-05485 JBSB

jealovander
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NOTE TO REVIEWER:

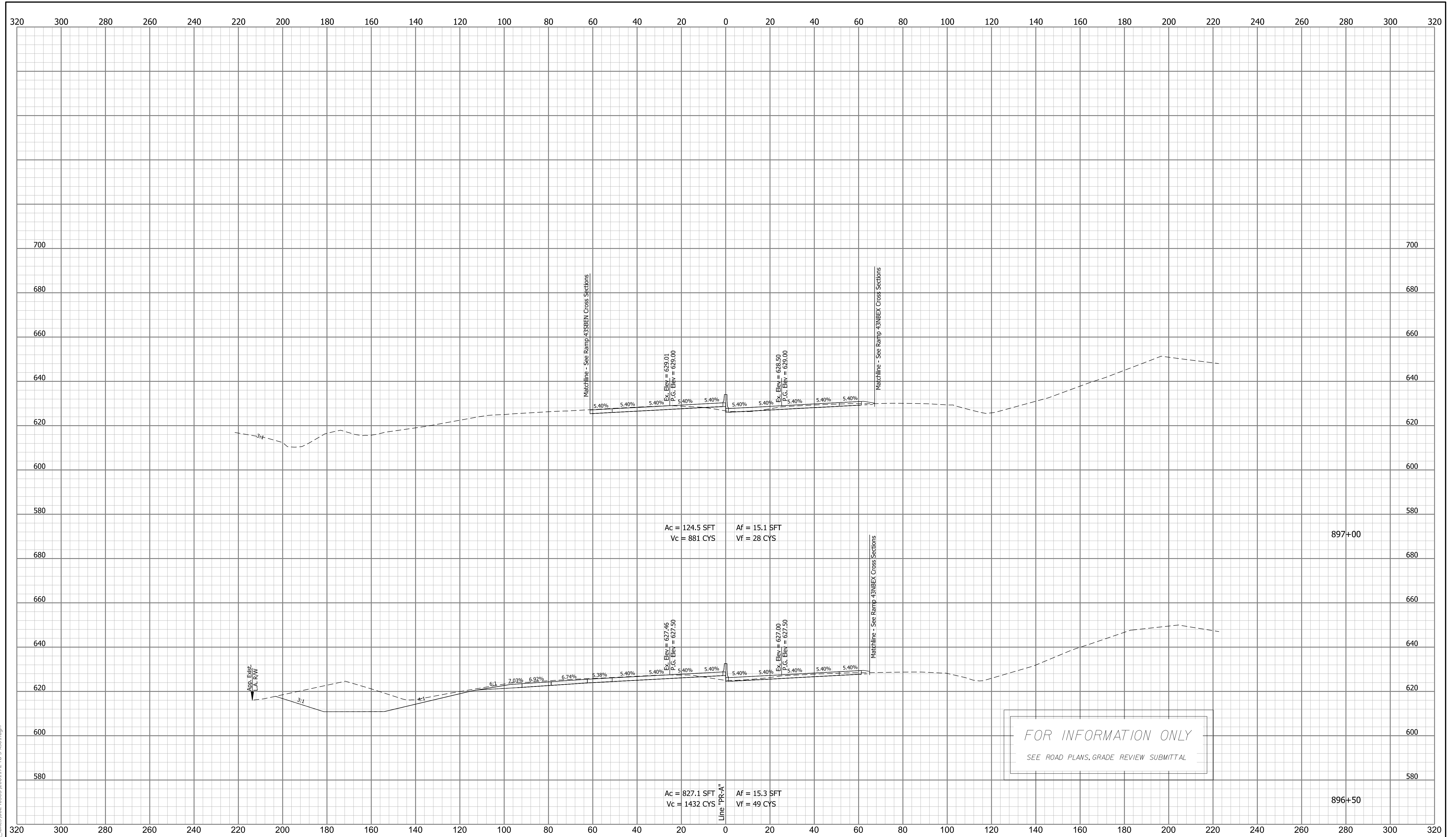
Per IDM 402-6.02(04), a constant cross slope must be provided on a proposed bridge deck in superelevation. The high side shoulders are sloped to meet this requirement. Due to close proximity of 9th Street and Prophets Rock Road, roadway section kept planar for consistency of the corridor. To be coordinated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

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: _____	DFK	_____
CHECKED: _____	MKM	_____

INDIANA
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS
LINE "PR-A"

SCALE	BRIDGE FILE
1"=20'	165-178-05485 CNBL & JCSBL
VERTICAL SCALE	DESIGNATION
1"=20'	2001172
SURVEY BOOK	SHEETS
ELECTRONIC	24 of 26
CONTRACT	PROJECT
R-42909	2001172



jealvander
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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.

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

INDIANA
DEPARTMENT OF TRANSPORTATION

ROADWAY CROSS SECTIONS
LINE "PR-A"

SCALE	BRIDGE FILE
1"=20'	165-178-05485 CNBL & JCSBL
VERTICAL SCALE	DESIGNATION
1"=20'	2001172
SURVEY BOOK	SHEETS
ELECTRONIC	26 of 26
CONTRACT	PROJECT
R-42909	2001172