

PROJECT	DESIGNATION
0810242	0900254
CONTRACT	

**INDIANA
DEPARTMENT OF
TRANSPORTATION**



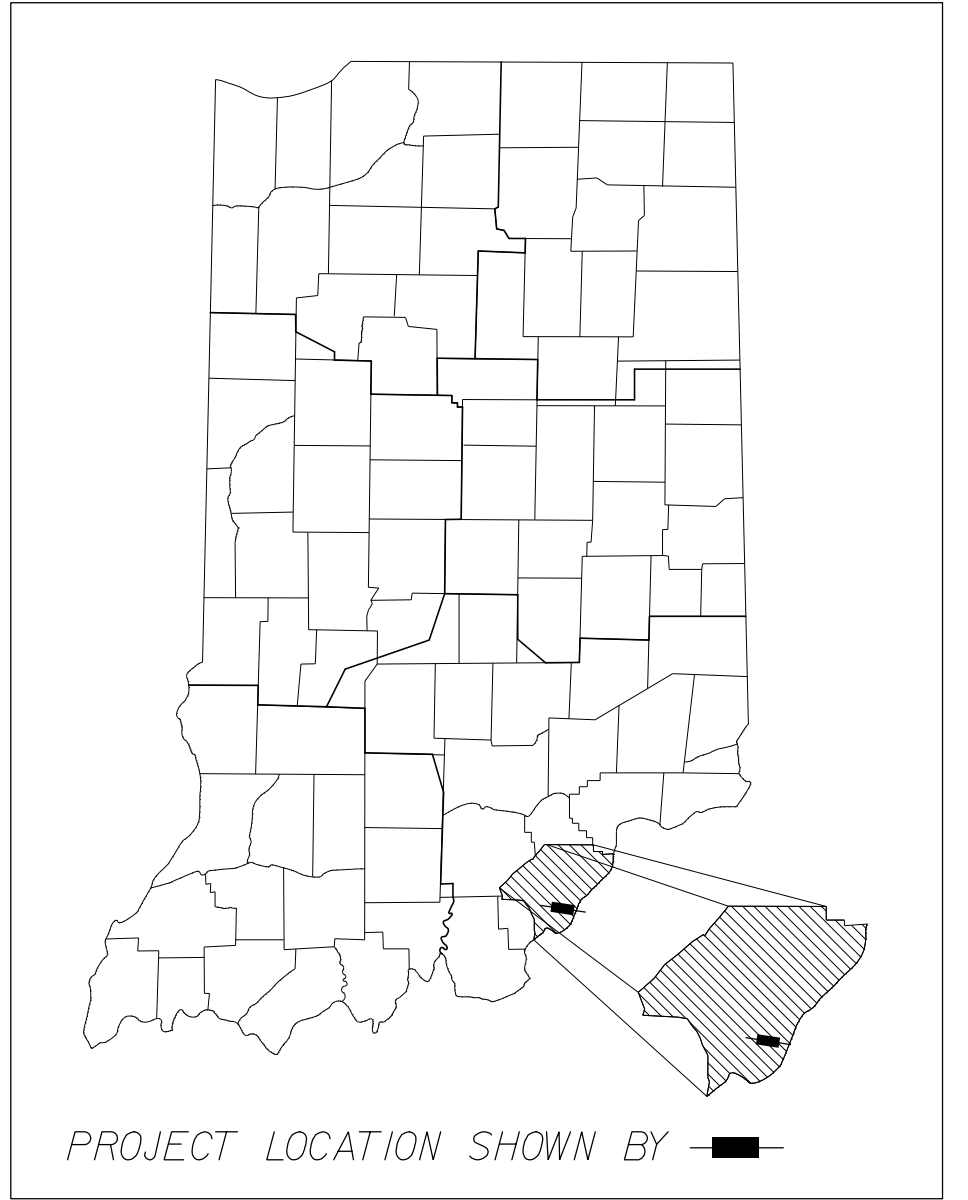
STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
265-10-9604	CONTINUOUS COMPOSITE PRESTRESSED CONCRETE BULB TEE BEAM BRIDGE	2 SPANS: 85'-3", 85'-3" SKEW: 2° LT.	S.R. 265	P.O.T. 20+13.00 "LS-1"

BRIDGE PLANS

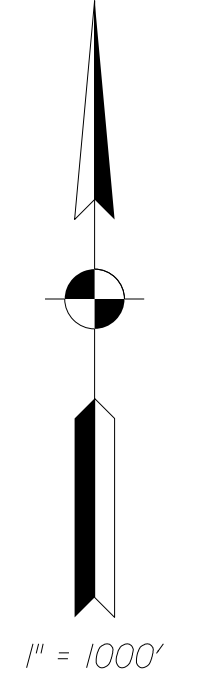
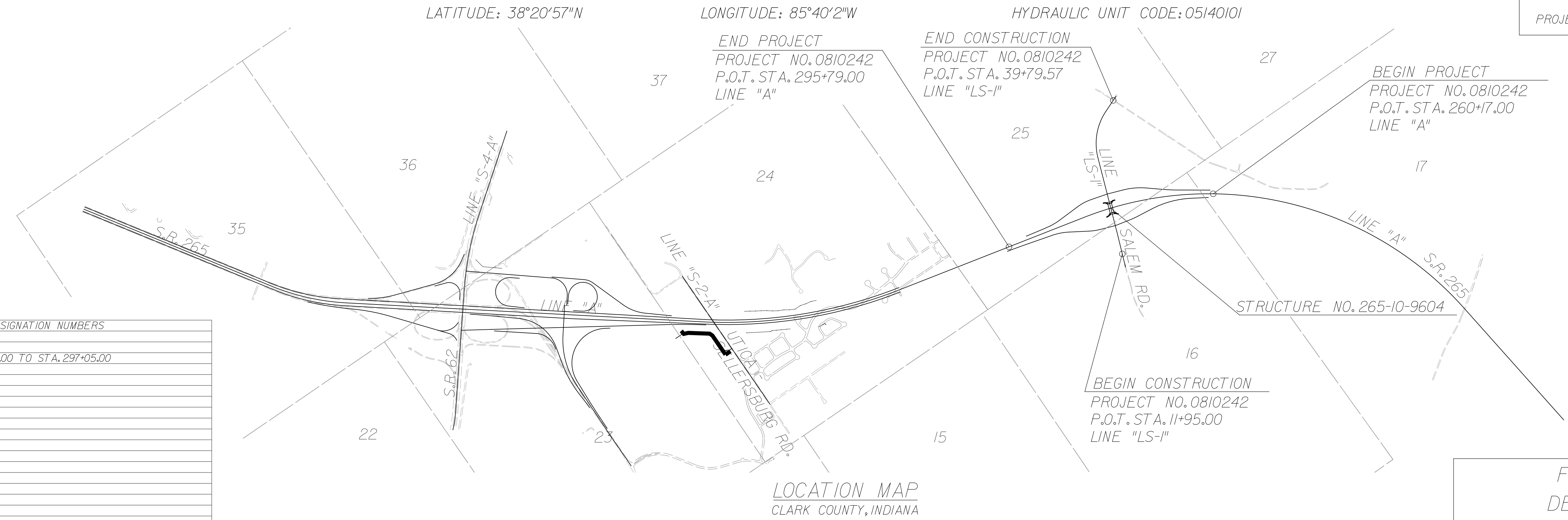
ROUTE: S.R. 265 FROM: R.P. 11+41 TO: R.P. 12+12
PROJECT NO. 0810242 P.E.
PROJECT NO. 0810242 R/W
PROJECT NO. 0810242 CONST.
R.P. 11+77

NOTE: FOR INDEX OF SHEET, NO.'S AND TRAFFIC DATA SEE DWG. NO. IX-01.

Structure No. 265-10-9604 is a New Bridge Construction on Proposed Salem Road over Proposed S.R. 265 Located Approximately 2.2 Miles to the Northeast of the Existing S.R. 265 & S.R. 62 Interchange in Illinois Grant, Survey 17, Utica Township, Clark County, Indiana



ROAD LENGTH: 0.527 mi.
BRIDGE LENGTH: 0.033 mi.
MAXIMUM GRADE: 2.94%



FINAL SUBMITTAL
DECEMBER 30, 2011

(INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2012
TO BE USED WITH THESE PLANS)

KIN DESIGNATION NUMBERS	
0810242	ROAD PLANS S.R. 265 STA. 260+17.00 TO STA. 297+05.00

AMERICAN STRUCTUREPOINT INC.
7280 SHADELAND STATION
INDIANAPOLIS, IN 46256-3957
TEL 317.547.5580 FAX 317.543.0270
www.structurepoint.com

FEDERAL HIGHWAY ADMINISTRATION
U.S. DEPT. OF TRANSPORTATION

APPROVED: _____ DATE _____

DIVISION ADMINISTRATOR

PLANS PREPARED BY: AMERICAN STRUCTUREPOINT, INC.

CERTIFIED BY: _____ DATE _____

APPROVED FOR LETTING: _____ DATE _____

CHIEF, DIVISION OF DESIGN

BRIDGE FILE	
265-10-9604	
DESIGNATION	
0900254	
DWG. NO.	SHEET NO.
TI-01	1 of 17
PROJECT	
0810242	
CONTRACT	

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UTILITIES

TELECOMMUNICATIONS

Level 3 Communications
4010 HWY 3
Charlestown, IN 47111
Attn: Rick Stephens
(502) 836-5921
richard.stephens@level3.com

AT&T Indiana
P.O. Box 1405
510 E. Spring St.
New Albany, IN 47150
Attn: Monte Gullfion
(812) 948-7179
mg4381@ATT.com

Insight Communications
4701 Commerce Crossings Drive
Louisville, KY 40229
Attn: Nathan Howerton
(502) 639-6838
Howerton.N@insightcom.com

WATER

Watson Water
4106 Utica-Sellersburg Road
Jeffersonville, IN 47130
Attn: Glenn Freeman
(812) 246-5416
glenn@watson-water.com

ELECTRIC

Clark County REMC
7810 SR 60
Sellersburg, IN 47172
Attn: Larry Edwards
(812) 248-7504
ledwards@theremc.net

Duke Energy
1619 West Defenbaugh Street
Kokomo, IN 46902
Attn: Jim Shields
(317) 402-2745
Jim.Shields@duke-energy.com

GAS PIPELINES

Vectren Energy Delivery of Indiana
2520 Lincoln Drive
Clarksville, IN 47129
Attn: Paul Schroeder
(812) 948-4954 (office)
(502) 445-1934 (cell)
pschroeder@vectren.com

SANITARY

City of Jeffersonville
1420 Pennsylvania Ave.
Jeffersonville, IN 47130
Attn: Len Ashack
(812) 285-6451
lashed@cityofjeff.net

MISCELLANEOUS AGENCIES

CSX Transportation
500 WATER STREET
JACKSONVILLE, FL 32202
Attn: Leslie L. Scherr
(904) 366-3057
Leslie_Scherr@CSX.com

Ports of Indiana- Jeffersonville
5100 Port Rd.
Jeffersonville, IN 47130
Attn: Scott Stewart
(812) 283-9662
s.stewart@portsofindiana.com



REVISIONS

NO.	DATE	DESCRIPTION

DRAWING INDEX

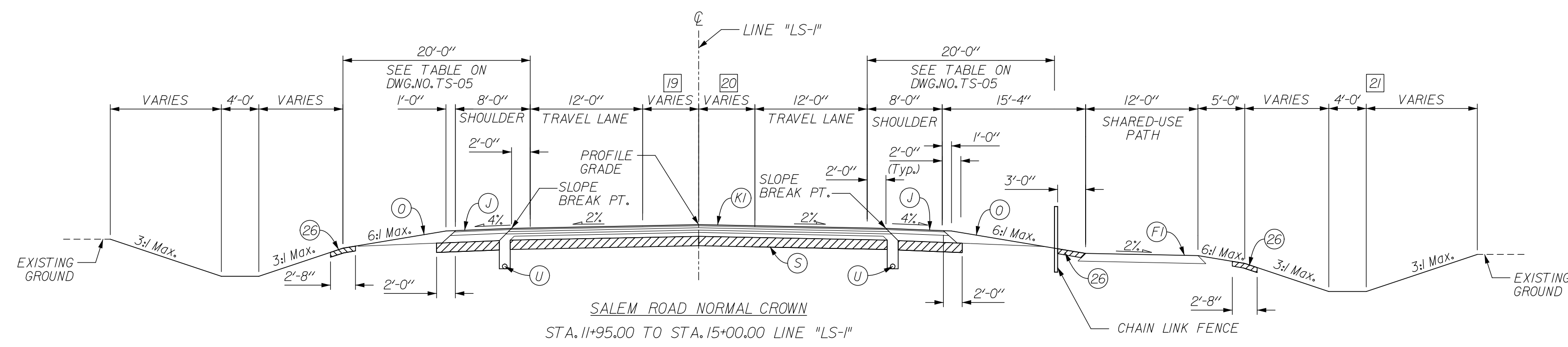
SHEET NO.	DRAWING NO.	SHEET DESIGNATION
1	TI-01	TITLE SHEET
2	IX-01	INDEX SHEET
3	TS-04	TYPICAL SECTIONS - LINE "LS-I" (FOR INFORMATION ONLY)
4	TS-01	TYPICAL SECTIONS - LINE "A" (FOR INFORMATION ONLY)
5	PN-06	ROAD PLAN SHEET - LINE "LS-I" (FOR INFORMATION ONLY)
6	V-06	ROAD PROFILE SHEET - LINE "LS-I" (FOR INFORMATION ONLY)
7	PN-02	ROAD PLAN SHEET - LINE "A" (FOR INFORMATION ONLY)
8	V-02	ROAD PROFILE SHEET - LINE "A" (FOR INFORMATION ONLY)
9	SE-01	SUPERELEVATION DIAGRAM LINE "A" (FOR INFORMATION ONLY)
10	LY-01	LAYOUT
11	GE-01	GENERAL PLAN
12-16	XS-7-XS-11	CROSS SECTIONS - LINE "LS-I" (FOR INFORMATION ONLY)
17	XS-14	CROSS SECTIONS - LINE "A" (FOR INFORMATION ONLY)

ROADWAY	ALIGNMENT	TRAFFIC DATA				DESIGN DATA					
		A.A.D.T. 2030	D.H.V. 2030	% A.D.T. TRUCKS	% D.H.V. TRUCKS	DESIGN SPEED	PROJECT DESIGN CRITERIA	FUNCTIONAL CLASSIFICATION	RURAL / URBAN	TERRAIN	ACCESS CONTROL
		V.P.D.	V.P.H.			mph					
S.R. 265 EAST OF SALEM RD. EB	LINE "A"	26000	3600	12	7	70	NEW CONSTRUCTION (FREEWAY)	PRINCIPAL ARTERIAL	URBAN	ROLLING	FULL
S.R. 265 EAST OF SALEM RD. WB	LINE "A"	26000	3300	12	8	70					
S.R. 265 WEST OF SALEM RD. EB	LINE "A"	19500	3400	15	8	70					
S.R. 265 WEST OF SALEM RD. WB	LINE "A"	19500	2800	15	11	70					
SALEM ROAD INTERCHANGE											
EB S.R. 265 TO SALEM RD.	RAMP "SWR"	1500	200	13	9	45, 55	NEW CONSTRUCTION (FREEWAY)	INTERCHANGE RAMPS	URBAN	ROLLING	FULL
WB S.R. 265 TO SALEM RD.	RAMP "NER"	8000	600	2	2	45, 55					
SALEM ROAD TO EB S.R. 265	RAMP "SER"	8000	700	3	1	45, 55					
SALEM ROAD TO WB S.R. 265	RAMP "NWR"	1500	200	11	9	45, 55					
SALEM ROAD NORTH OF S.R. 265 NB	LINE "LS-I"	6000	500	3	2	45	NEW CONSTRUCTION (NON-FREEWAY)	COLLECTOR	URBAN (SUBURBAN)	ROLLING	FULL / PARTIAL
SALEM ROAD NORTH OF S.R. 265 SB	LINE "LS-I"	6000	500	3	2	45					
SALEM ROAD SOUTH OF S.R. 265 NB	LINE "LS-I"	3600	350	6	3	45					
SALEM ROAD SOUTH OF S.R. 265 SB	LINE "LS-I"	3600	350	6	3	45					

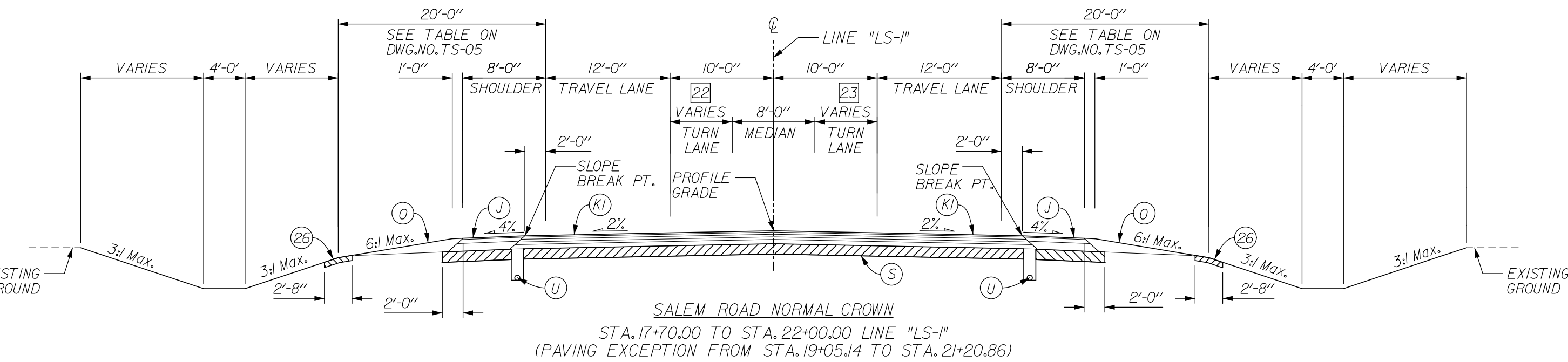
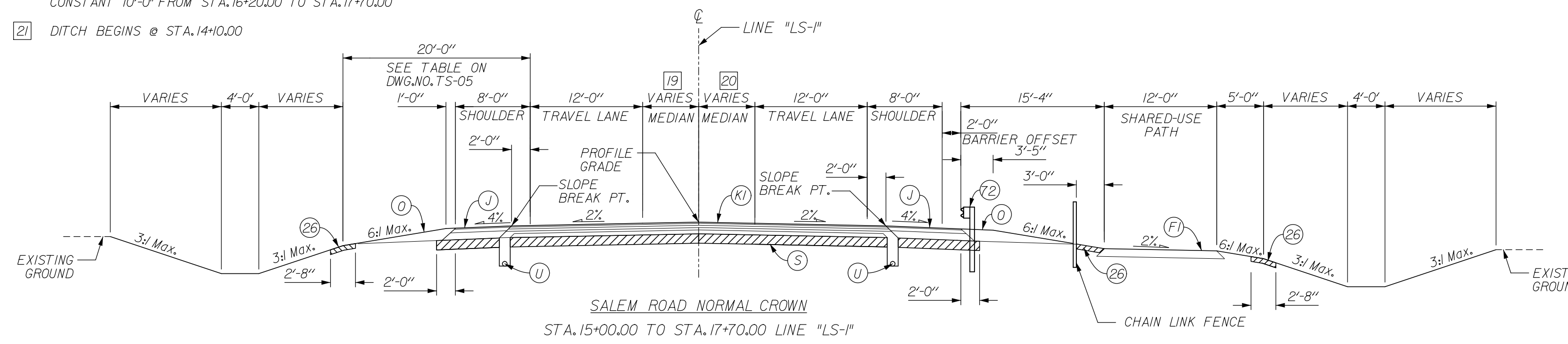
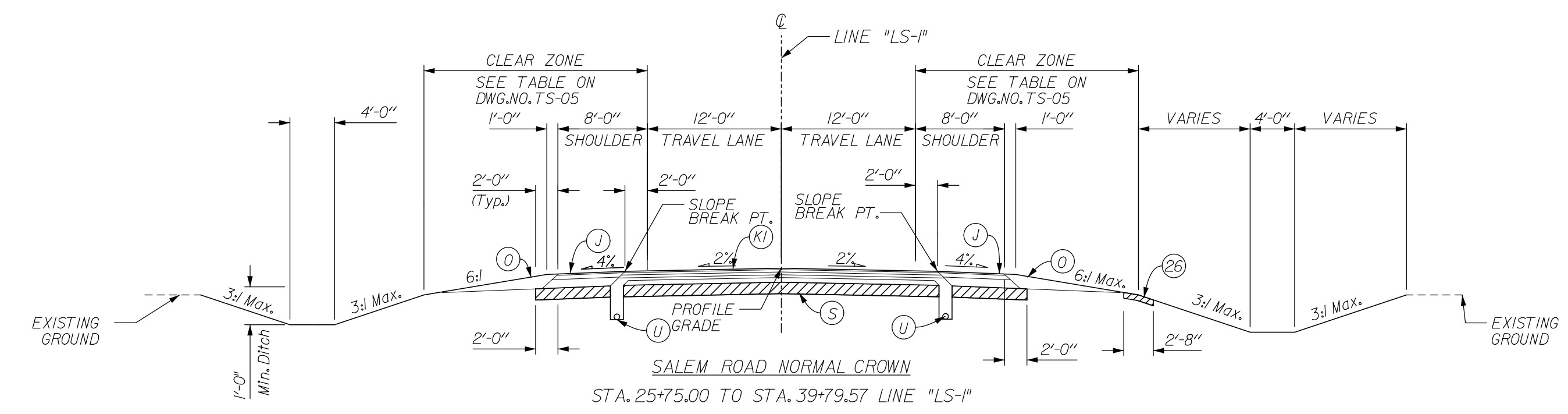
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	
DESIGNED: CJO	DRAWN: BNM
CHECKED: MJK	CHECKED: CJO

INDIANA DEPARTMENT OF TRANSPORTATION	
INDEX SHEET	

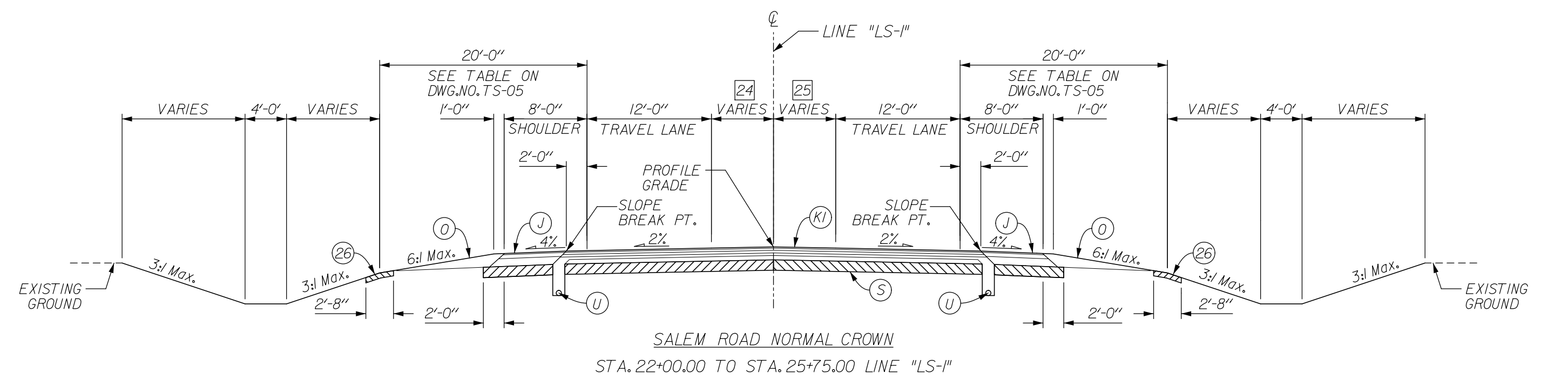
HORIZONTAL SCALE	BRIDGE FILE	
NA	265-10-9604	
VERTICAL SCALE	DESIGNATION	
NA	0900254	
SURVEY BOOK	DWG. NO.	SHEET NO.
	IX-01	2 of 17
CONTRACT	PROJECT	
	0810242	



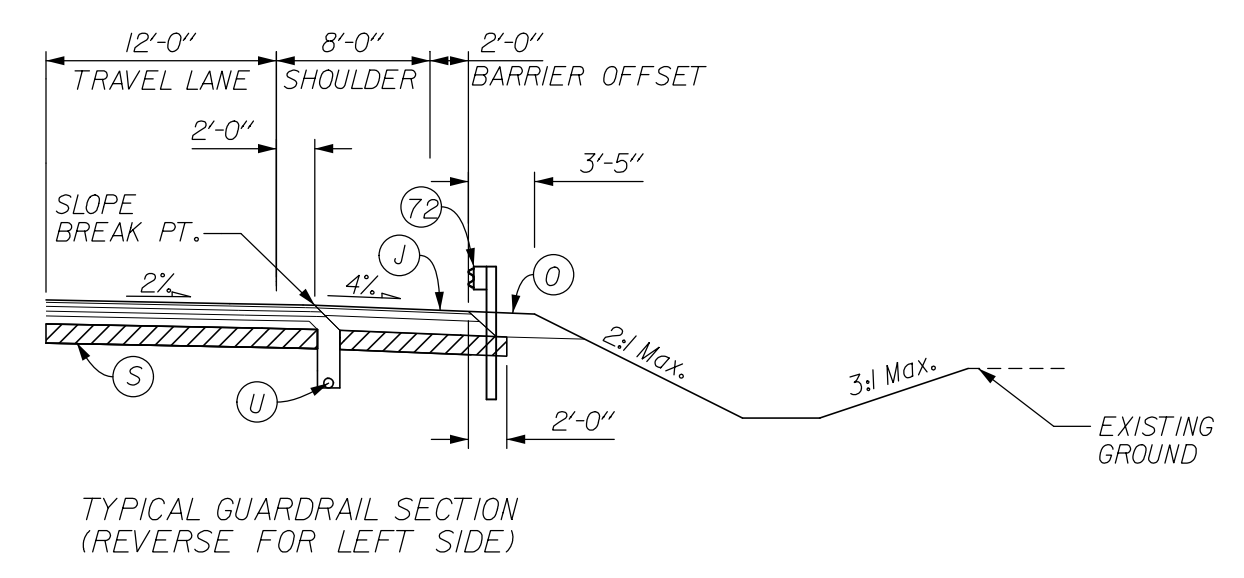
- 19 CONSTANT 0'-0" FROM STA. 11+95.00 TO STA. 13+95.00
VARIES FROM 0'-0" @ STA. 13+95.00 TO 10'-0" @ STA. 16+20.00
CONSTANT 10'-0" FROM STA. 16+20.00 TO STA. 17+70.00
- 20 CONSTANT 0'-0" FROM STA. 11+95.00 TO STA. 13+95.00
VARIES FROM 0'-0" @ STA. 13+95.00 TO 10'-0" @ STA. 16+20.00
CONSTANT 10'-0" FROM STA. 16+20.00 TO STA. 17+70.00
- 21 DITCH BEGINS @ STA. 14+10.00



- 22 CONSTANT 12'-0" FROM STA. 17+70.00 TO STA. 19+34.88
VARIES FROM 12'-0" @ STA. 19+34.88 TO 0'-0" @ STA. 20+34.88
CONSTANT 0'-0" FROM STA. 20+34.88 TO STA. 22+00.00
- 23 CONSTANT 0'-0" FROM STA. 17+70.00 TO STA. 19+34.88
VARIES FROM 0'-0" @ STA. 19+34.88 TO 12'-0" @ STA. 20+34.88
CONSTANT 12'-0" FROM STA. 20+34.88 TO STA. 22+00.00



- 24 CONSTANT 10'-0" FROM STA. 22+00.00 TO STA. 23+50.00
VARIES FROM 10'-0" @ STA. 23+50.00 TO 0'-0" @ STA. 25+75.00
- 25 CONSTANT 10'-0" FROM STA. 22+00.00 TO STA. 23+50.00
VARIES FROM 10'-0" @ STA. 23+50.00 TO 0'-0" @ STA. 25+75.00



FOR INFORMATION ONLY

* SEE CROSS SECTIONS FOR SIDE SLOPES

LEGEND

(A) XX" QC/QA PAVEMENT (TO BE DETERMINED)	(U) VARIABLE DEPTH COMPACTED AGGREGATE, NO. 53	(6) CONCRETE BARRIER, 33"	(7) REINFORCED CONCRETE MOMENT SLAB, XX
(B) SUBBASE FOR PCCP	(S) SUBGRADE TREATMENT, TYPE xx	(62) CONCRETE BARRIER, 33", MODIFIED	(72) W-BEAM GUARDRAIL
(J) FULL DEPTH HMA SHOULDER (TO BE DETERMINED)	(U) UNDERDRAIN, 6"	(65) CONCRETE BARRIER, 45"	
(K) FULL DEPTH HMA PAVEMENT (TO BE DETERMINED)	(26) SODDING, NURSERY	(66) CONCRETE BARRIER, 45", MODIFIED	
(F) HMA PAVEMENT FOR PATH (TO BE DETERMINED)		(70) M.S.E. RETAINING WALL	

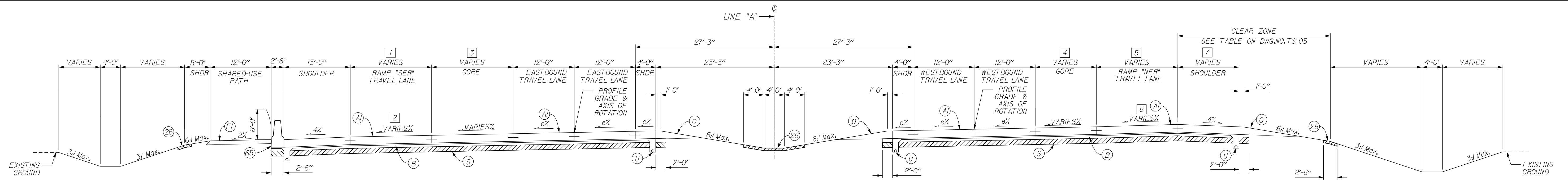
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JSB	DRAWN: EAK	
CHECKED: WSL	CHECKED: WSL	

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
LINE "LS-1"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 10'	265-10-9604	
VERTICAL SCALE	DESIGNATION	
	0900254	
SURVEY BOOK	DWG. NO.	SHEET NO.
	TS-04	3 of 17
CONTRACT	PROJECT	
	0810242	

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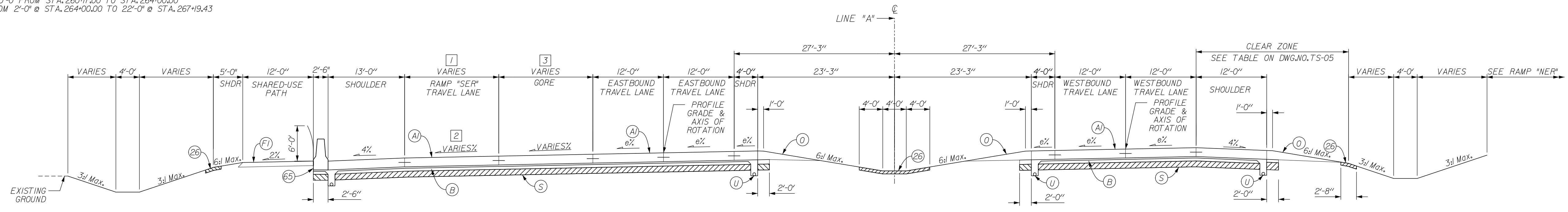
S.R. 265 SUPERELEVATED LEFT

STA. 260+7.00 TO STA. 266+21.59 LINE "A" (emax = 3.463%)

- 1 CONSTANT 12'-0" FROM STA. 260+7.00 TO STA. 264+00.00
VARIES FROM 12'-0" @ STA. 264+00.00 TO 18'-0" @ STA. 264+00.00
CONSTANT 16'-0" FROM STA. 264+00.00 TO STA. 267+19.43
- 2 CONSTANT 3.463% FROM STA. 260+7.00 TO STA. 263+24.42
VARIES FROM 3.463% @ STA. 263+24.42 TO 6.6% @ STA. 264+32.59
CONSTANT 6.6% FROM STA. 264+32.59 TO STA. 267+19.43
- 3 CONSTANT 0'-0" FROM STA. 260+7.00 TO STA. 264+00.00
VARIES FROM 2'-0" @ STA. 264+00.00 TO 22'-0" @ STA. 267+19.43

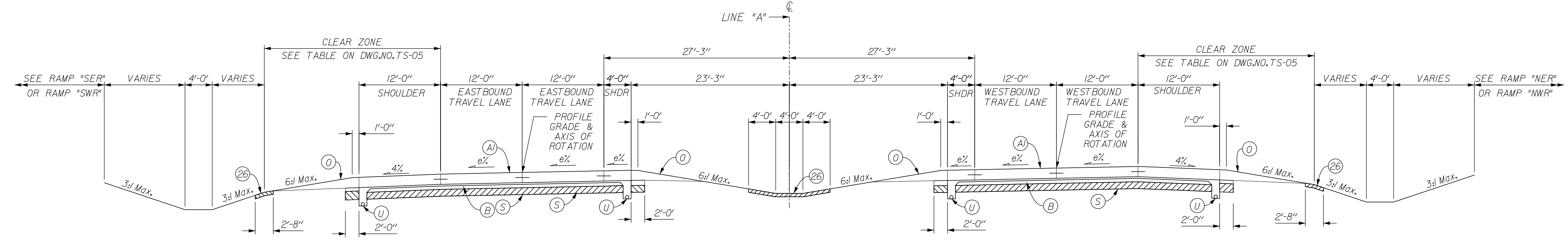
- 4 CONSTANT 0'-0" FROM STA. 260+7.00 TO STA. 263+76.07
VARIES FROM 4'-0" @ STA. 263+76.07 TO 22'-0" @ STA. 266+21.59
- 5 CONSTANT 12'-0" FROM STA. 260+7.00 TO STA. 260+69.39
VARIES FROM 12'-0" @ STA. 260+69.39 TO 20'-0" @ STA. 263+76.07
CONSTANT 16'-0" FROM STA. 263+76.07 TO STA. 266+21.59

- 6 CONSTANT 3.463% LT FROM STA. 260+7.00 TO STA. 264+10.38
VARIES FROM 3.463% LT @ STA. 264+10.38 TO 2.8% RT @ STA. 266+21.59
- 7 CONSTANT 12'-0" FROM STA. 260+7.00 TO STA. 265+20.99
VARIES FROM 12'-0" @ STA. 265+20.99 TO 8'-0" @ STA. 266+19.40
CONSTANT 8'-0" FROM STA. 266+19.40 TO STA. 266+21.59



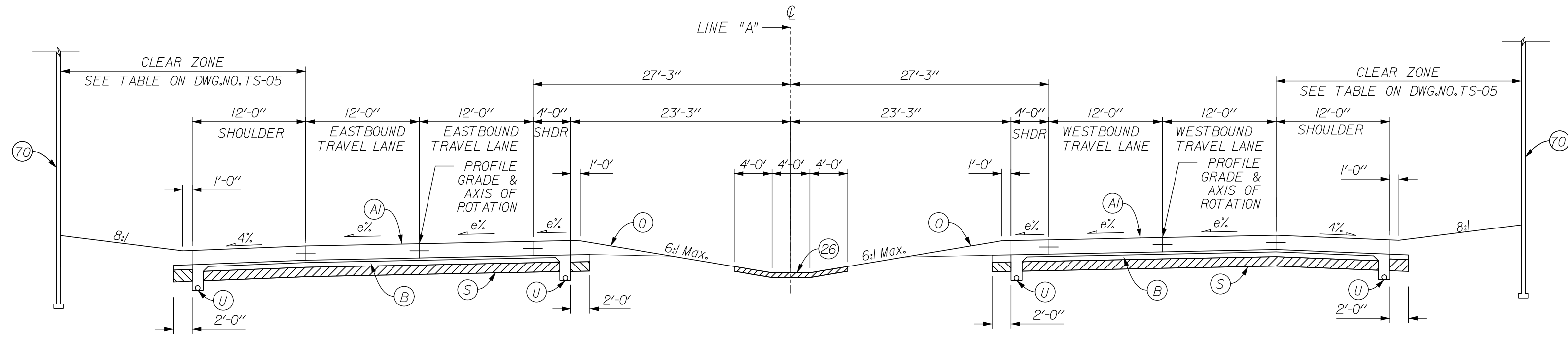
S.R. 265 SUPERELEVATED LEFT

STA. 266+21.59 TO STA. 267+19.43 LINE "A" (emax = 3.463%)



S.R. 265 SUPERELEVATED LEFT

STA. 267+19.43 TO STA. 284+52.81 LINE "A" (emax = 3.463%)



S.R. 265 SUPERELEVATED LEFT

TYPICAL SECTION WITH OVERHEAD BRIDGES

LEGEND

- (A) XX" QC/QA PAVEMENT (TO BE DETERMINED)
- (B) SUBBASE FOR PCP
- (J) FULL DEPTH HMA SHOULDER (TO BE DETERMINED)
- (K) FULL DEPTH HMA PAVEMENT (TO BE DETERMINED)
- (F) HMA PAVEMENT FOR PATH (TO BE DETERMINED)
- (V) VARIABLE DEPTH COMPACTED AGGREGATE, NO. 53
- (S) SUBGRADE TREATMENT, TYPE xx
- (U) UNDERDRAIN, 6"
- (26) SODDING, NURSERY
- (6) CONCRETE BARRIER, 33"
- (62) CONCRETE BARRIER, 33", MODIFIED
- (65) CONCRETE BARRIER, 45"
- (66) CONCRETE BARRIER, 45", MODIFIED
- (70) M.S.E. RETAINING WALL
- (71) REINFORCED CONCRETE MOMENT SLAB, XX
- (72) W-BEAM GUARDRAIL

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JSB	DRAWN: EAK	
CHECKED: WSL	CHECKED: WSL	

INDIANA
DEPARTMENT OF TRANSPORTATION

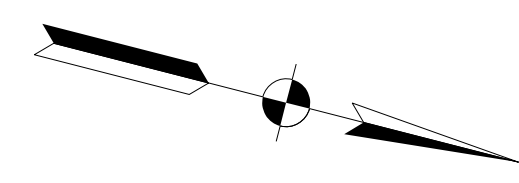
TYPICAL CROSS SECTIONS
LINE "A"

FOR INFORMATION ONLY

* SEE CROSS SECTIONS FOR SIDE SLOPES

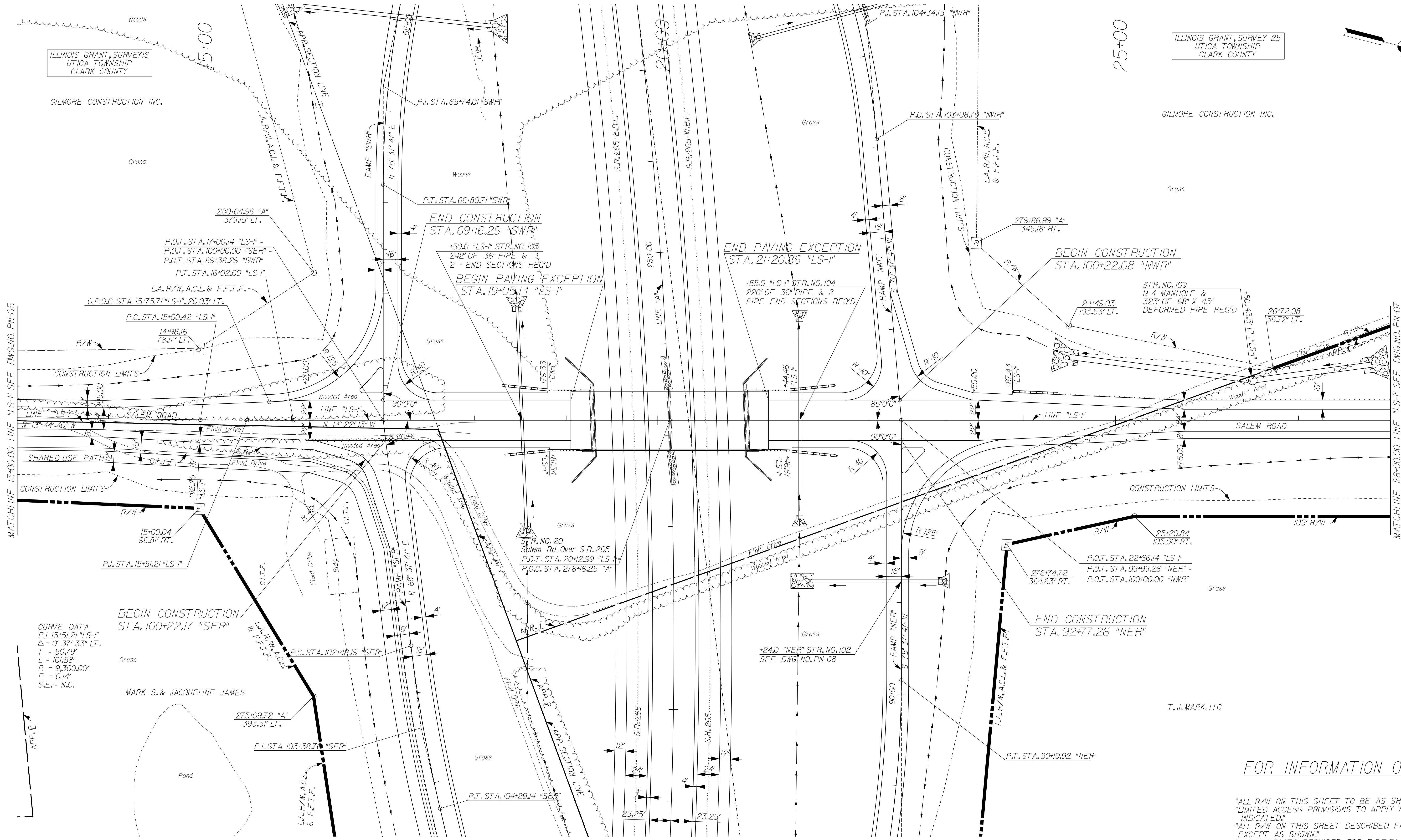
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VERTICAL SCALE N/A	DESIGNATION 0900254	
SURVEY BOOK N/A	DWG. NO. TS-01	SHEET NO. 4 of 17
CONTRACT	PROJECT 0810242	

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ILLINOIS GRANT, SURVEY 25
 UTICA TOWNSHIP
 CLARK COUNTY

25+00



MATCHLINE 13+00.00 LINE "LS-I" SEE DWG. NO. PN-05

MATCHLINE 28+00.00 LINE "LS-I" SEE DWG. NO. PN-07

CURVE DATA
 P.I. 15+51.21 "LS-I"
 $\Delta = 0^\circ 37' 33''$ LT.
 $T = 50.79'$
 $L = 101.58'$
 $R = 9,300.00'$
 $E = 0.14'$
 $S.E. = N.C.$

FOR INFORMATION ONLY

"ALL R/W ON THIS SHEET TO BE AS SHOWN."
 "LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED."
 "ALL R/W ON THIS SHEET DESCRIBED FROM LINE "LS-I" EXCEPT AS SHOWN."
 "GROUP 1 POSTS REQUIRED FOR F.F.T.F."

R/W LEGEND

B	BEGIN L.A. R/W
E	END L.A. R/W

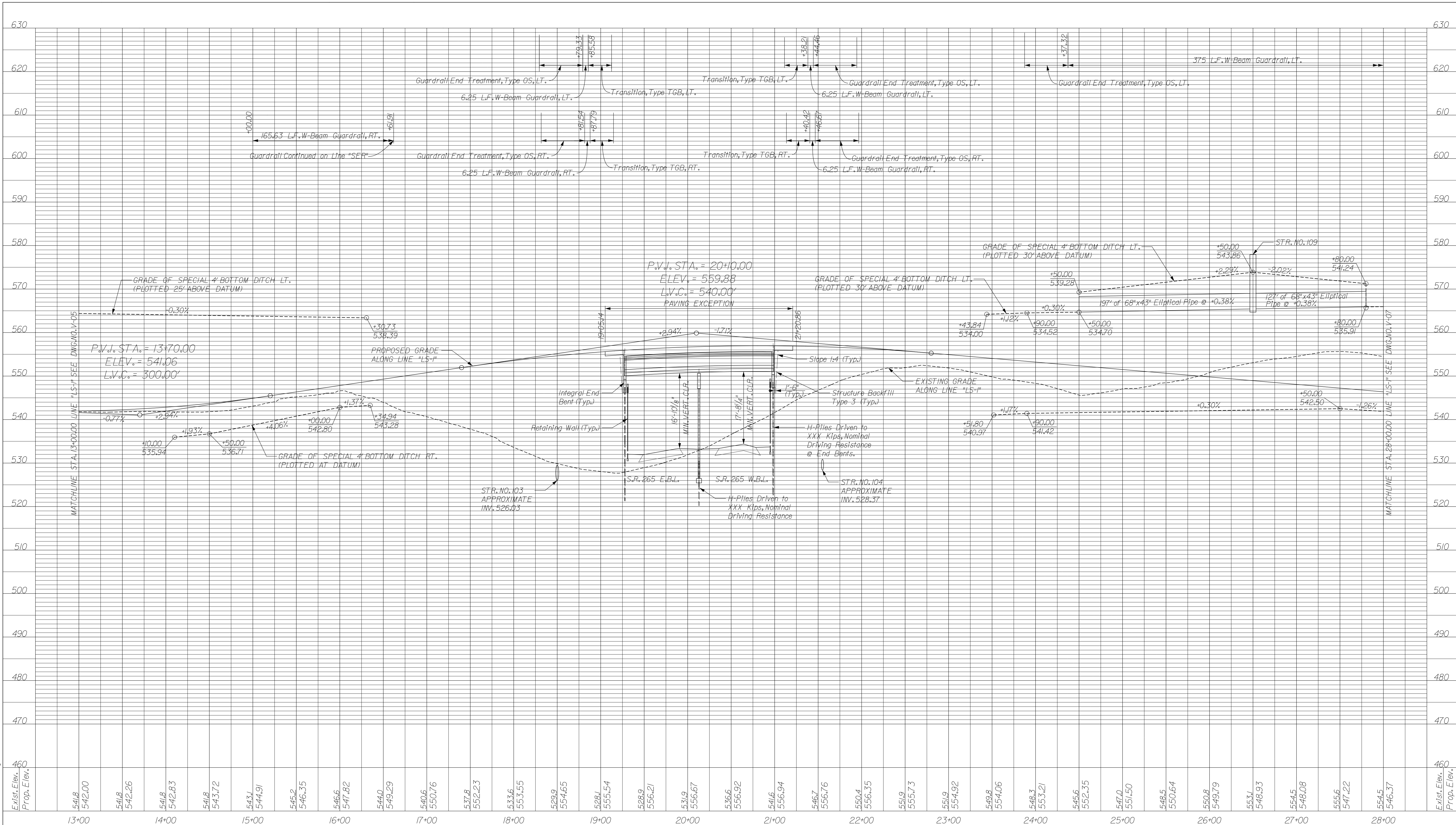
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DESIGNED: JSB	DRAWN: EAK	
CHECKED: WSL	CHECKED: WSL	

INDIANA
 DEPARTMENT OF TRANSPORTATION

PLAN SHEET
 LINE "LS-I" SALEM ROAD
 STA. 13+00 TO STA. 28+00

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'	265-10-9604	
VERTICAL SCALE	DESIGNATION	
	0900254	
SURVEY BOOK	DWG. NO.	SHEET NO.
	PN-06	5 of 17
CONTRACT	PROJECT	
	0810242	

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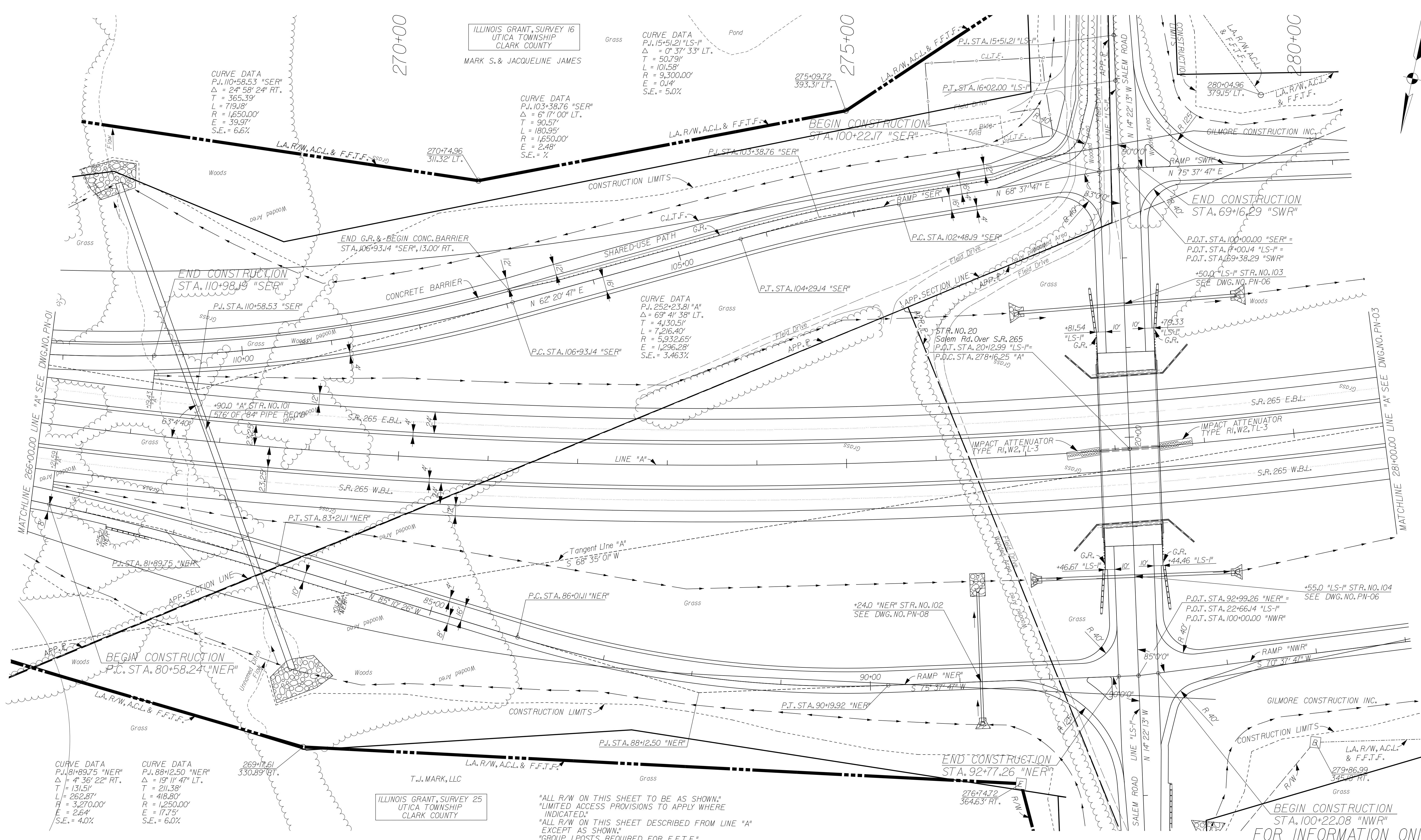
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DESIGNED:	JSB	DRAWN: EAK
CHECKED:	WSL	CHECKED: WSL

INDIANA
DEPARTMENT OF TRANSPORTATION
PROFILE SHEET
LINE "LS-1" SALEM ROAD
STA. 13+00 TO STA. 28+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE 265-10-9604
VERTICAL SCALE 1" = 10'	DESIGNATION 0900254
SURVEY BOOK	DWG. NO. V-06
CONTRACT	SHEET NO. 6 of 17
	PROJECT 0810242

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CURVE DATA
 P.I. 110+58.53 "SER"
 $\Delta = 24^\circ 58' 24''$ RT.
 $T = 365.39'$
 $L = 719.18'$
 $R = 1,650.00'$
 $E = 39.97'$
 $S.E. = 6.6\%$

CURVE DATA
 P.I. 103+38.76 "SER"
 $\Delta = 6^\circ 17' 00''$ LT.
 $T = 90.57'$
 $L = 180.95'$
 $R = 1,650.00'$
 $E = 2.48'$
 $S.E. = \%$

CURVE DATA
 P.I. 15+51.21 "LS-1"
 $\Delta = 0^\circ 37' 33''$ LT.
 $T = 50.79'$
 $L = 101.58'$
 $R = 9,300.00'$
 $E = 0.14'$
 $S.E. = 5.0\%$

CURVE DATA
 P.I. 252+23.81 "A"
 $\Delta = 69^\circ 41' 38''$ LT.
 $T = 4130.51'$
 $L = 7,216.40'$
 $R = 5,932.65'$
 $E = 1,296.28'$
 $S.E. = 3.463\%$

CURVE DATA
 P.I. 81+69.75 "NER"
 $\Delta = 4^\circ 36' 22''$ RT.
 $T = 131.51'$
 $L = 262.87'$
 $R = 3,270.00'$
 $E = 2.64'$
 $S.E. = 4.0\%$

CURVE DATA
 P.I. 88+12.50 "NER"
 $\Delta = 1^\circ 11' 47''$ LT.
 $T = 211.38'$
 $L = 418.30'$
 $R = 1,250.00'$
 $E = 17.75'$
 $S.E. = 6.0\%$

ILLINOIS GRANT, SURVEY 25
 UTICA TOWNSHIP
 CLARK COUNTY
 T.J. MARK, LLC

"ALL R/W ON THIS SHEET TO BE AS SHOWN."
 "LIMITED ACCESS PROVISIONS TO APPLY WHERE
 INDICATED."
 "ALL R/W ON THIS SHEET DESCRIBED FROM LINE "A"
 EXCEPT AS SHOWN."
 "GROUP 1 POSTS REQUIRED FOR F.F.T.F."

R/W LEGEND

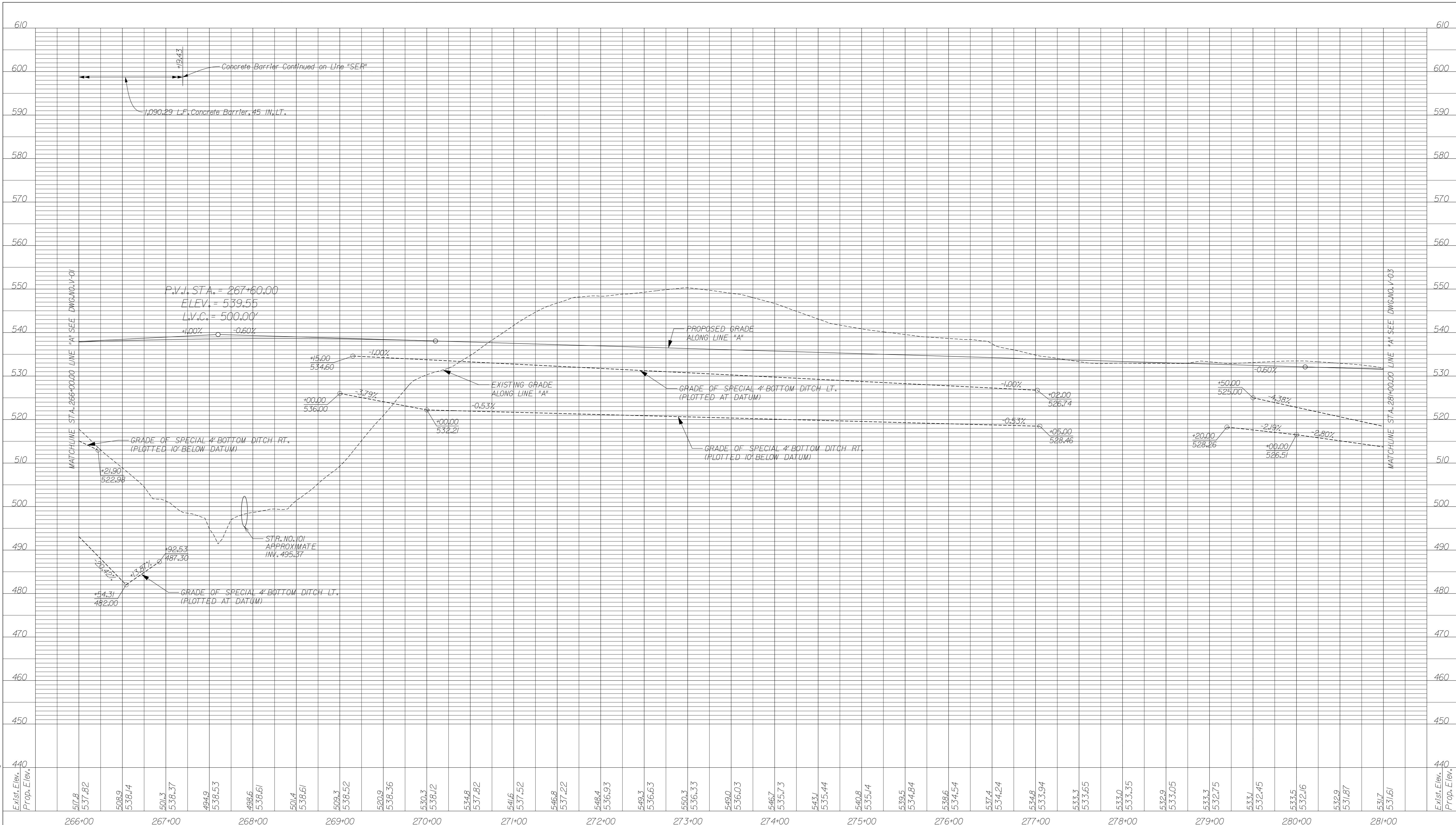
B	BEGIN L.A./R/W
E	END L.A./R/W

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JSB	DRAWN: EAK	
CHECKED: WSL	CHECKED: WSL	

INDIANA
 DEPARTMENT OF TRANSPORTATION
 PLAN SHEET
 LINE "A"
 STA. 266+00 TO STA. 281+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE 265-10-9604
VERTICAL SCALE	DESIGNATION 0900254
SURVEY BOOK	DWG. NO. PN-02
CONTRACT	SHEET NO. 7 of 17
	PROJECT 0810242

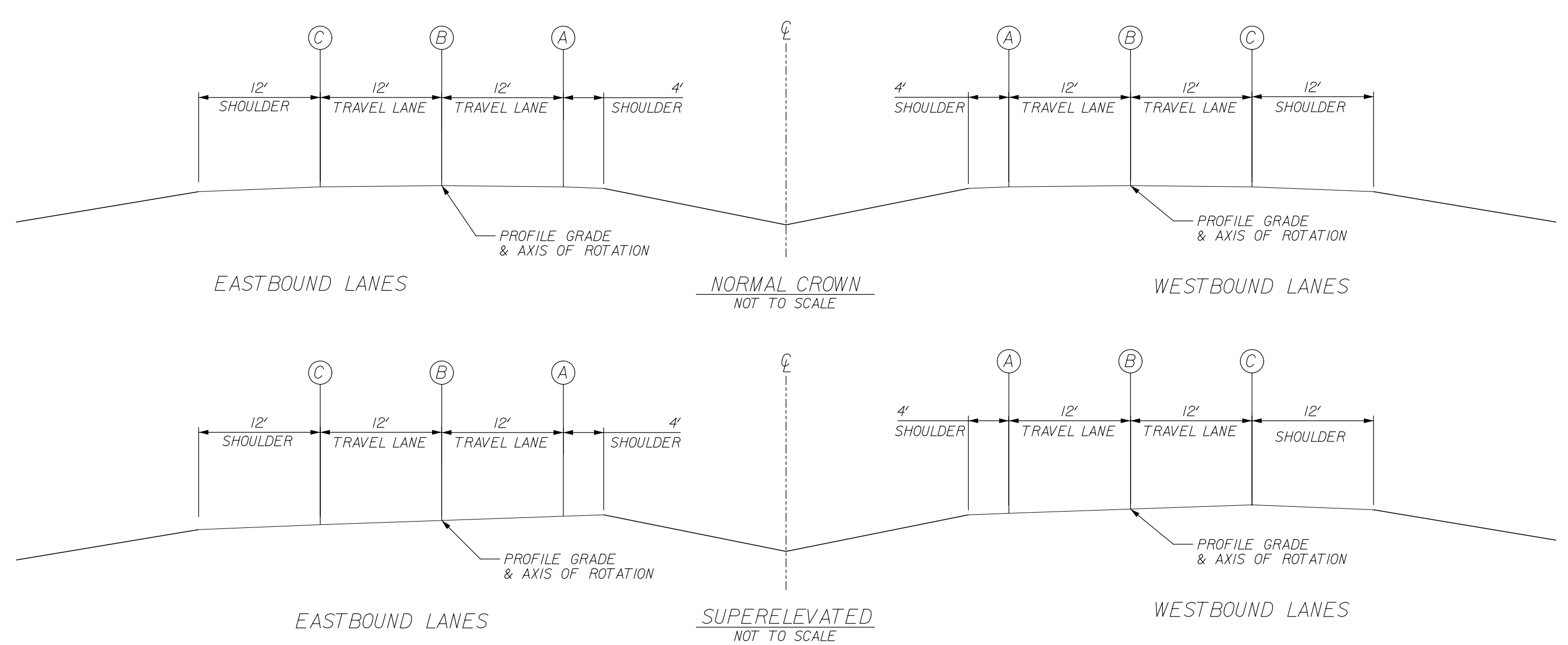
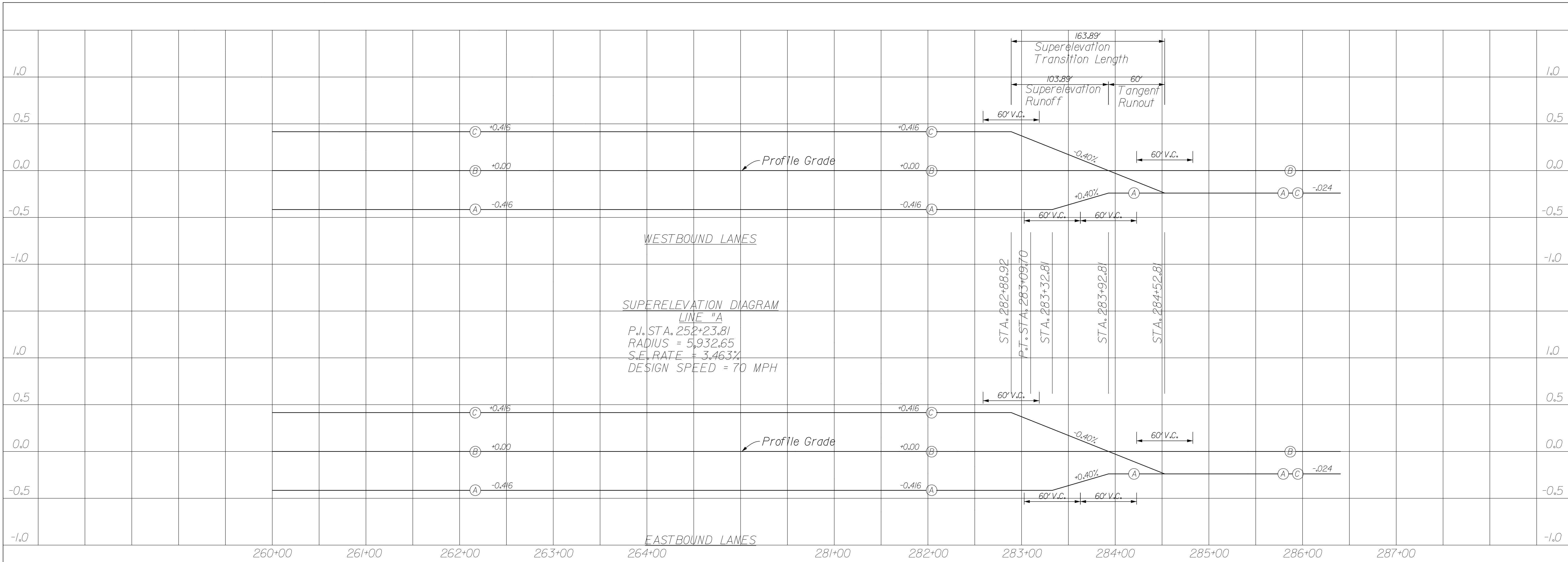
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 STA. 100+22.08 "NWR"
 FOR INFORMATION ONLY



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FOR INFORMATION ONLY

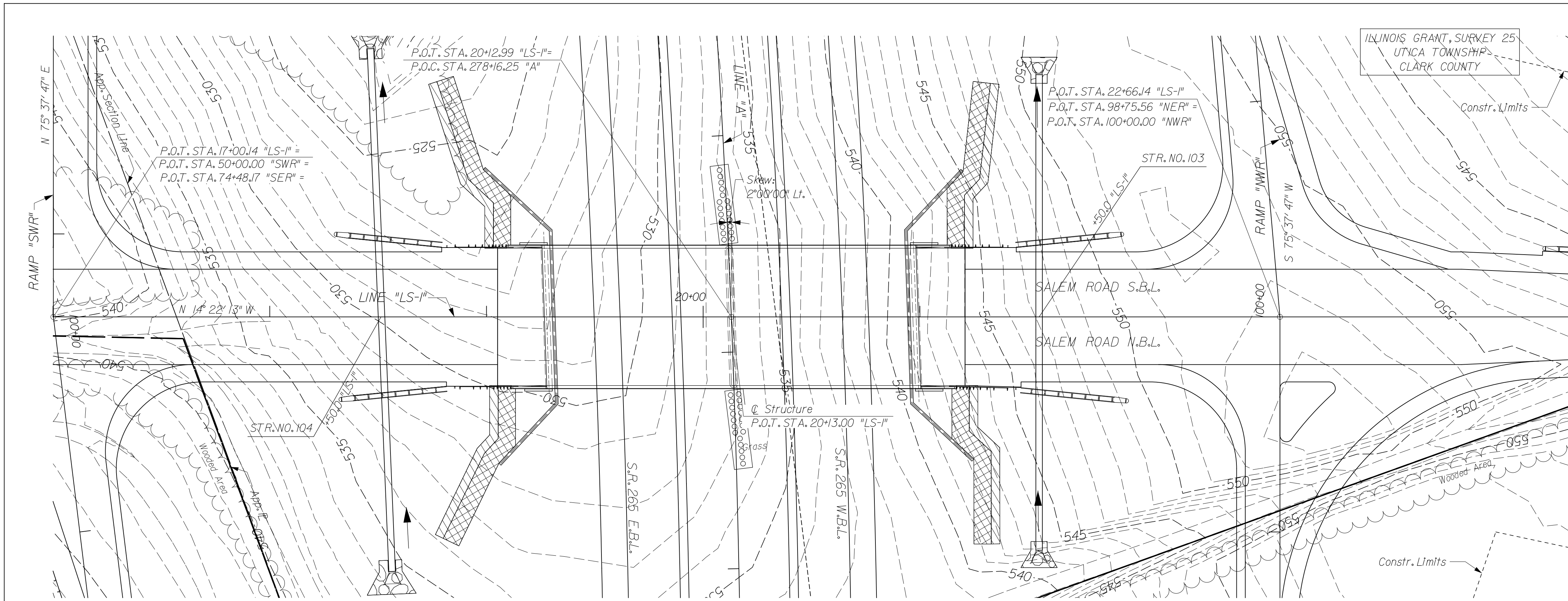
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: small;">RECOMMENDED FOR APPROVAL</td> <td style="width: 50%; border-bottom: 1px solid black;">DESIGN ENGINEER</td> <td style="width: 50%; border-bottom: 1px solid black;">DATE</td> </tr> <tr> <td style="font-size: small;">DESIGNED:</td> <td>JSB</td> <td style="font-size: small;">DRAWN:</td> <td>EAK</td> </tr> <tr> <td style="font-size: small;">CHECKED:</td> <td>WSL</td> <td style="font-size: small;">CHECKED:</td> <td>WSL</td> </tr> </table>	RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	DESIGNED:	JSB	DRAWN:	EAK	CHECKED:	WSL	CHECKED:	WSL	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>PROFILE SHEET LINE "A" STA. 266+00 TO STA. 281+00</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: x-small;">HORIZONTAL SCALE 1" = 50'</td> <td style="font-size: x-small;">BRIDGE FILE 265-10-9604</td> </tr> <tr> <td style="font-size: x-small;">VERTICAL SCALE 1" = 10'</td> <td style="font-size: x-small;">DESIGNATION 0900254</td> </tr> <tr> <td style="font-size: x-small;">SURVEY BOOK V-02</td> <td style="font-size: x-small;">DWG. NO. 8 of 17</td> </tr> <tr> <td style="font-size: x-small;">CONTRACT</td> <td style="font-size: x-small;">PROJECT 0810242</td> </tr> </table>	HORIZONTAL SCALE 1" = 50'	BRIDGE FILE 265-10-9604	VERTICAL SCALE 1" = 10'	DESIGNATION 0900254	SURVEY BOOK V-02	DWG. NO. 8 of 17	CONTRACT	PROJECT 0810242
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE																			
DESIGNED:	JSB	DRAWN:	EAK																		
CHECKED:	WSL	CHECKED:	WSL																		
HORIZONTAL SCALE 1" = 50'	BRIDGE FILE 265-10-9604																				
VERTICAL SCALE 1" = 10'	DESIGNATION 0900254																				
SURVEY BOOK V-02	DWG. NO. 8 of 17																				
CONTRACT	PROJECT 0810242																				



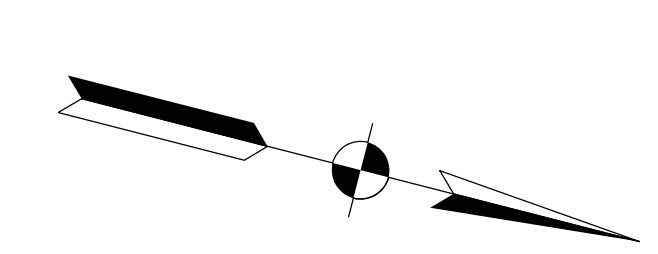
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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 50'	BRIDGE FILE 265-10-9604
	SUPERELEVATION DIAGRAM LINE "A"		VERTICAL SCALE 1" = 0.5'	DESIGNATION 0900254
			SURVEY BOOK	DWG. NO. SE-01
DESIGNED: JSB CHECKED: WSL	DRAWN: JSB CHECKED: WSL	CONTRACT PROJECT 0810242		



SITUATION PLAN
CONTOUR INTERVAL = 1'



CURVE DATA
 P.I. = 252+23.81 "A"
 Δ = 69° 41' 38" LT
 T = 4130.51'
 L = 7216.40'
 R = 5932.65'
 E = 1296.28'
 S.E. = 3.46%

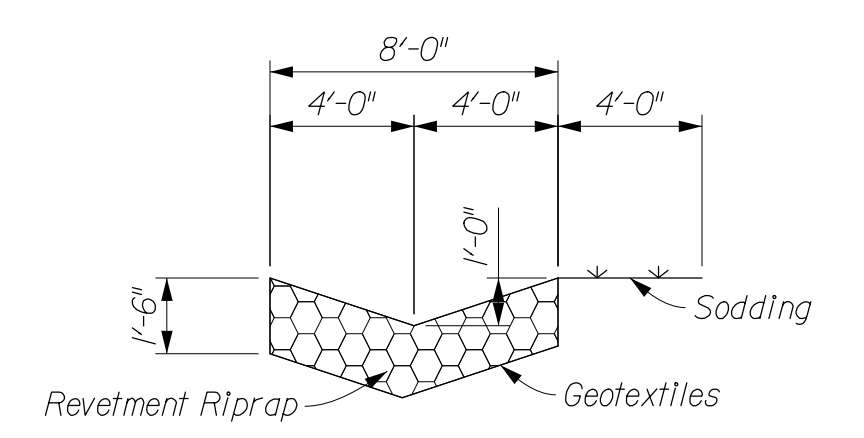
PRESENT STRUCTURE
None

UTILITIES
See Index Sheet

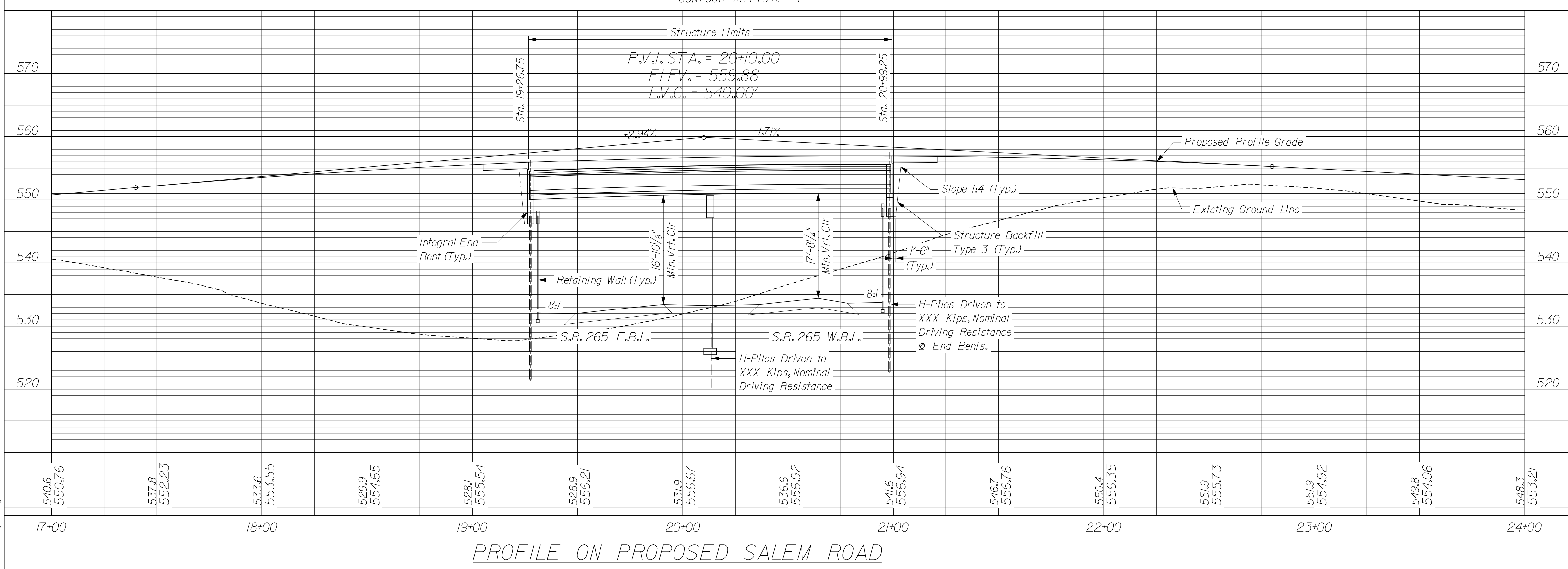
EARTHWORK SUMMARY

Fill +20%	=	Cys.
Common Excavation	=	Cys.
Borrow	=	Cys.
Benching *	=	Cys.

* Benchng will not be paid for directly, but shall be included in the cost of other items.



TYPICAL RIPRAP DRAINAGE TURNOUT SECTION
No Scale



PROFILE ON PROPOSED SALEM ROAD

NOTES:

- All R/W on this sheet is described from line "LS-1".
- For Guardrail Limits and Side Ditch Grades, See Road Plan and Profile Sheet.
- For Alignment References, Benchmarks and Topo References, See Road Plans.
- Cross Hatching Indicates Limits of Riprap Drainage Turnouts.
- Hatching Indicates Limits of Sodding Strip.

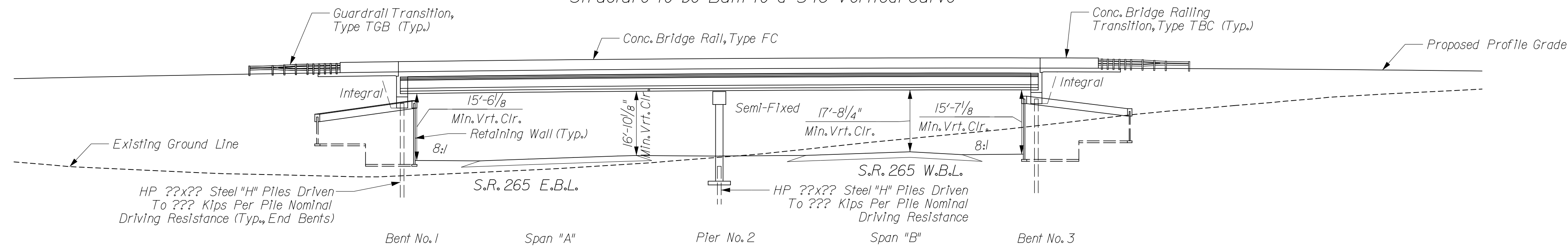
LAYOUT

CONTINUOUS COMPOSITE PRESTRESSED BULB TEE BEAM BRIDGE
 2 SPANS AT 85'-3"
 SKEW: 2°00'00" LT.
 CLEAR ROADWAY: 63'-4"
 ON SALEM ROAD OVER S.R. 265

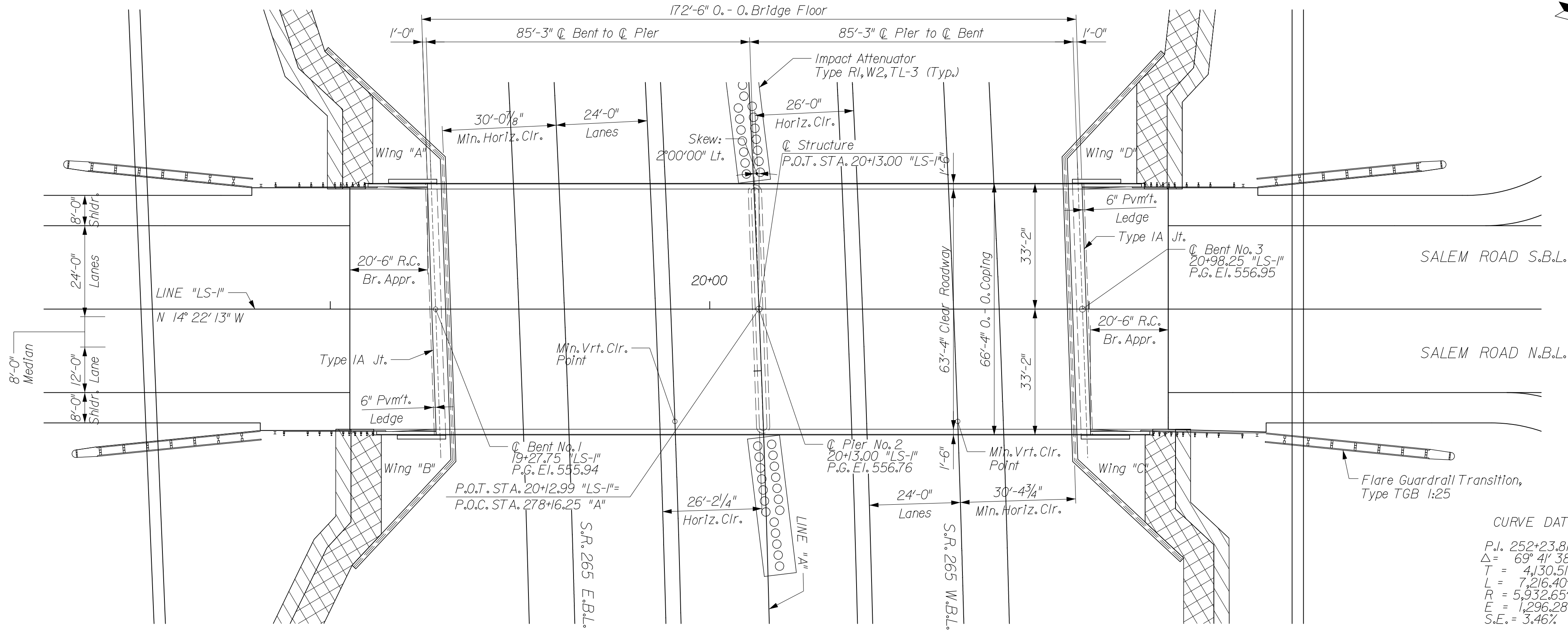
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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION LAYOUT SALEM ROAD OVER S.R. 265	HORIZONTAL SCALE 1" = 30'	BRIDGE FILE 265-10-9604
DESIGNED: BMA DRAWN: BNM		VERTICAL SCALE 1" = 10'	DESIGNATION 0900254
CHECKED: RMC CHECKED: CJO		SURVEY BOOK	DWG. NO. LY-01
		CONTRACT	PROJECT 0810242

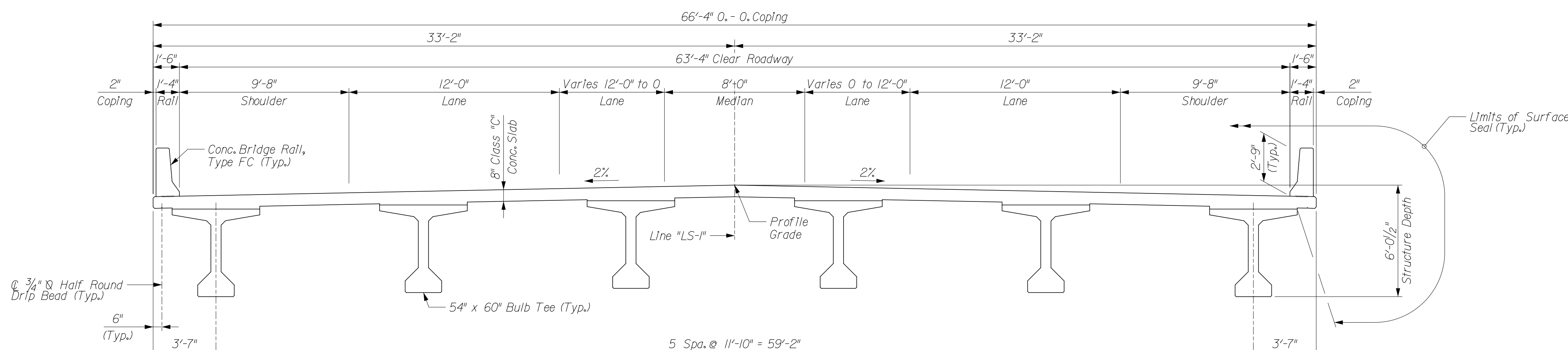
Structure to be Built to a 540' Vertical Curve



ELEVATION



PLAN



TYPICAL SECTION

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

GENERAL NOTES

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

DESIGN DATA

- LIVE LOAD: Superstructure and substructure designed for HL-93 along with Michigan Truck Train No. 5 and No. 8 loading, in accordance with the AASHTO LRFD Bridge Design Specifications, Fifth Edition, 2010, and Interim Revisions.
- DEAD LOAD: Actual Weight plus 35 Lbs./Sft. for future wearing surface and 15 Lbs./Sft. for permanent metal deck forms.
- FLOOR SLAB: Designed for 32,000 Lbs. axle load impact with a structural depth of 7 1/2".
- UNIT STRESSES: Reinforcing Steel, Fy = 60,000 psi
 Concrete Class B, f'c = 3,000 psi
 Concrete Class A, f'c = 3,500 psi
 Concrete Class C, f'c = 4,000 psi

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.

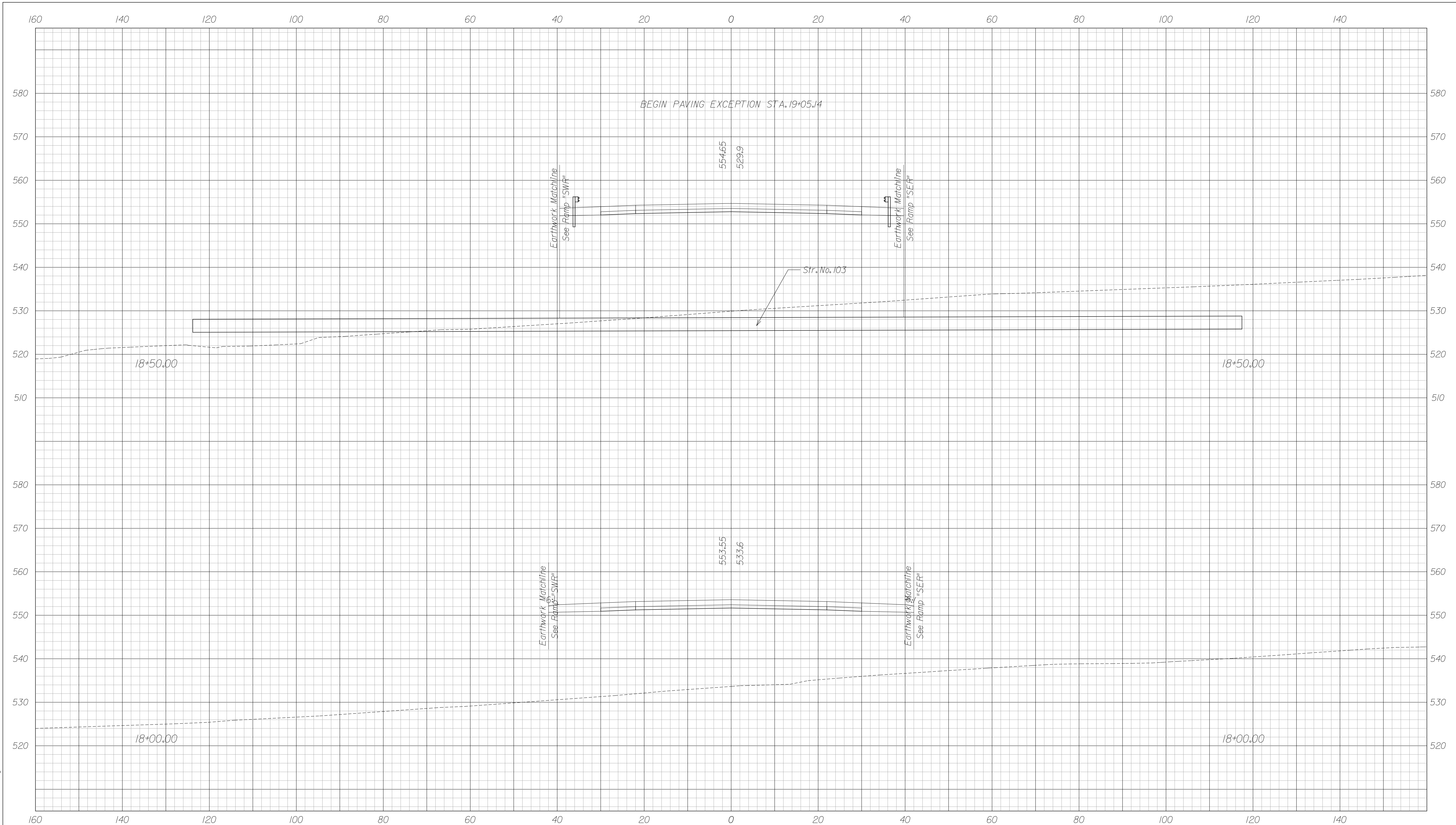
DESIGN DATA

- DECK FALSEWORK LOADS: Designed for 15 Lbs./Sft. for permanent metal stay-in-place deck forms, removable deck forms, and 2' exterior walkway.
- CONSTRUCTION LIVE LOAD: Designed for 20 Lbs./Sft. extending 2' past the edge of coping and 75 Lbs./Ft. vertical force applied at a distance of 6' outside the face of coping over a 30' length of the deck centered with the finishing machine.
- FINISHING-MACHINE LOAD: 4500 Lbs. distributed over 10' along the coping.
- WIND LOAD: Designed for 70 mph horizontal wind loading of 50 Lbs./Sft. in accordance with AASHTO Guide Design Specifications for Bridge Temporary Works (1995), Figure 2J.

GENERAL PLAN

CONTINUOUS COMPOSITE PRESTRESSED BULB TEE BEAM BRIDGE
 2 SPANS AT 85'-3"
 SKEW: 2°00'00" LT.
 CLEAR ROADWAY: 63'-4"
 ON SALEM ROAD OVER S.R. 265

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 20', UNLESS NOTED	BRIDGE FILE 265-10-9604
	DESIGNED: BMA DRAWN: BNM		VERTICAL SCALE	DESIGNATION 0900254
CHECKED: RMC	CHECKED: CJO	GENERAL PLAN SALEM ROAD OVER S.R. 265		SURVEY BOOK
				DWG. NO. GE-01
				SHEET NO. 11 of 17
				CONTRACT
				PROJECT 0810242



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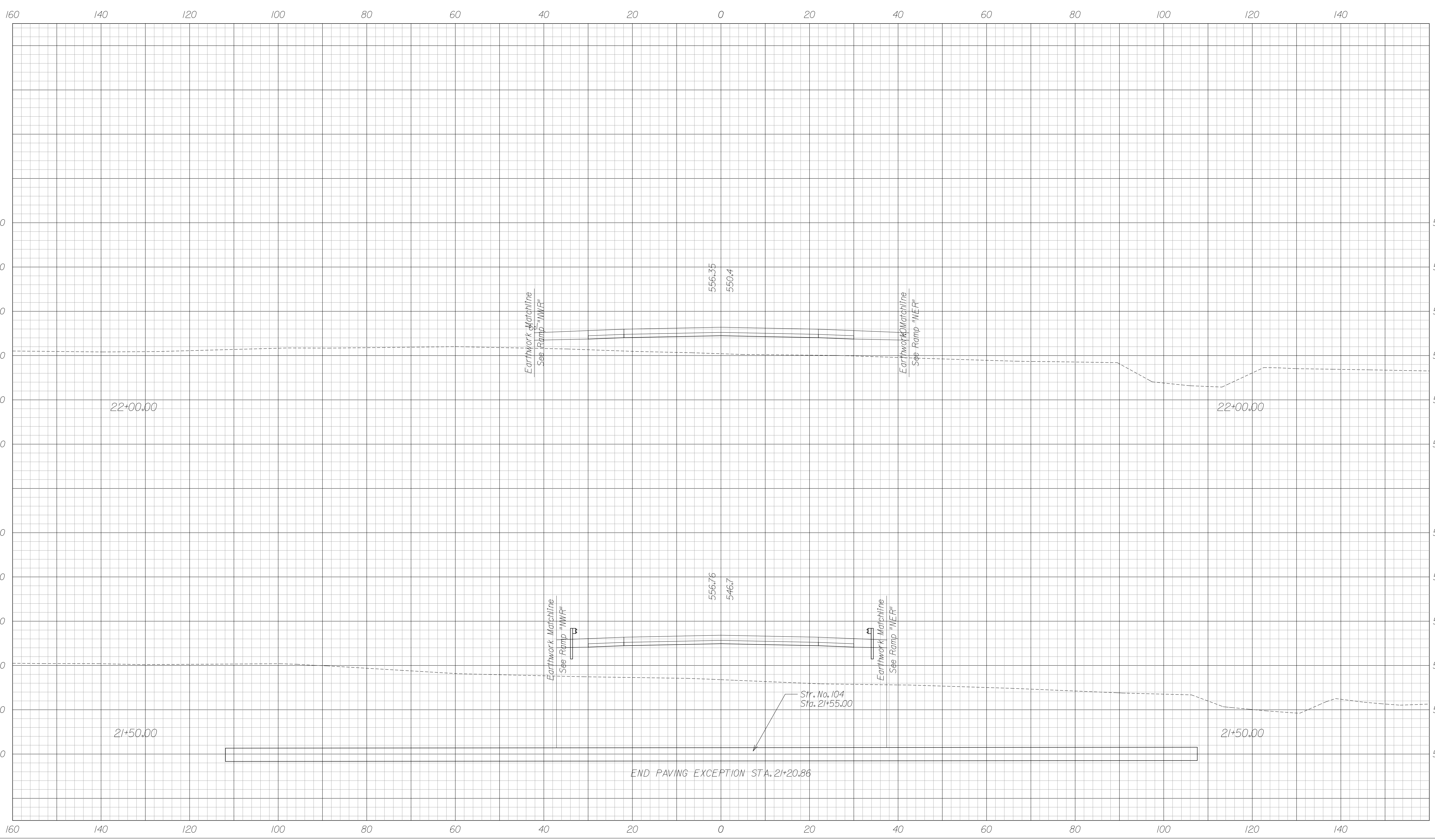
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JSB	DRAWN: MRS	
CHECKED: WSL	CHECKED: JSB	

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "LS-1"
STA. 18+00.00 TO 18+50.00

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE 265-10-9604	
VERTICAL SCALE 1" = 10'	DESIGNATION 0900254	
SURVEY BOOK	DWG. NO. XS-7	SHEET NO. 12 of 17
CONTRACT	PROJECT 0810242	

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END PAVING EXCEPTION STA. 21+20.86

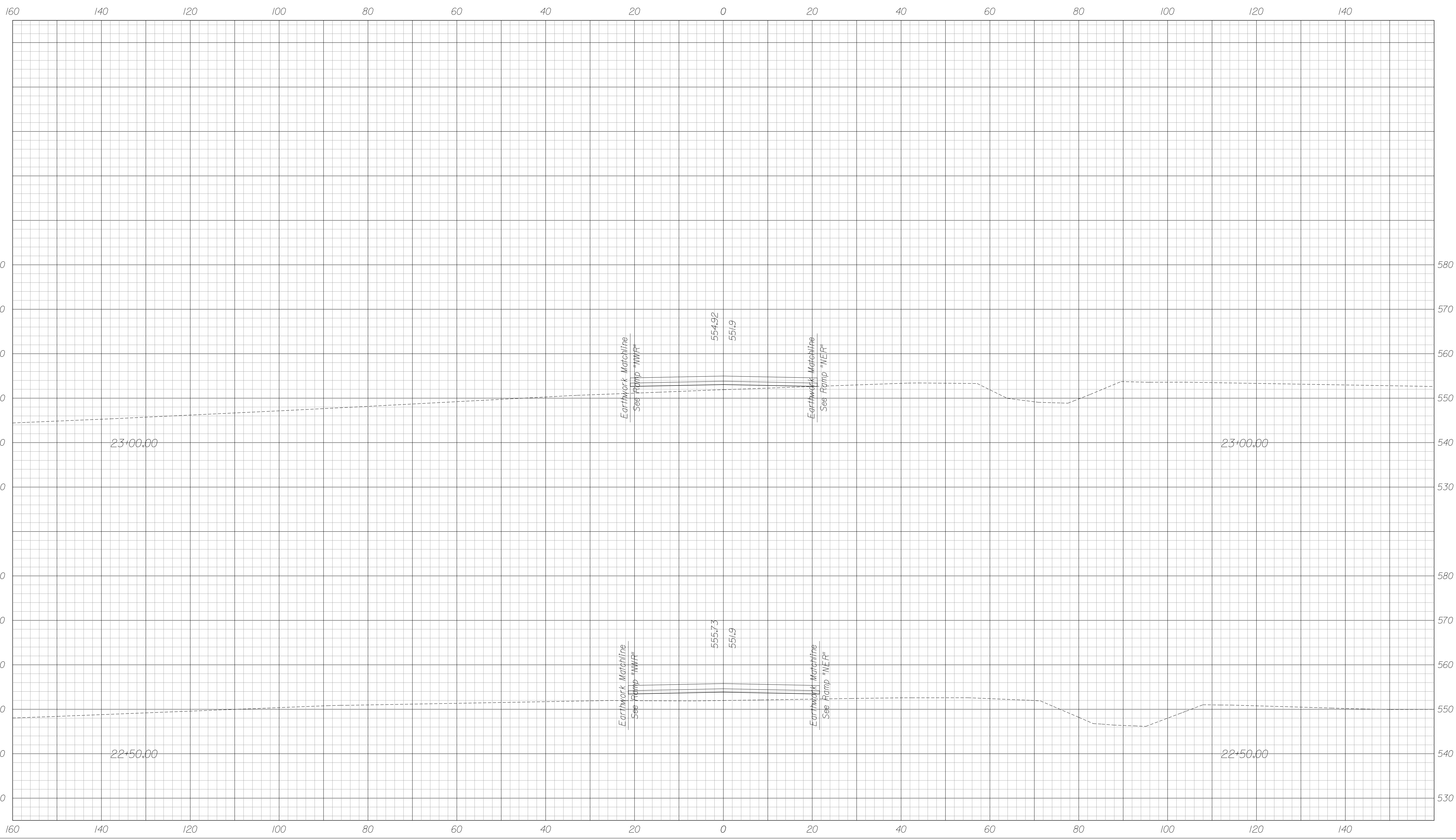
RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE
 DESIGNED: JSB DRAWN: MRS
 CHECKED: WSL CHECKED: JSB

INDIANA
 DEPARTMENT OF TRANSPORTATION
 CROSS SECTIONS
 LINE "LS-1"
 STA. 21+50.00 TO 22+00.00

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE 265-10-9604
VERTICAL SCALE 1" = 10'	DESIGNATION 0900254
SURVEY BOOK	DWG. NO. XS-8
	SHEET NO. 13 of 17
CONTRACT	PROJECT 0810242

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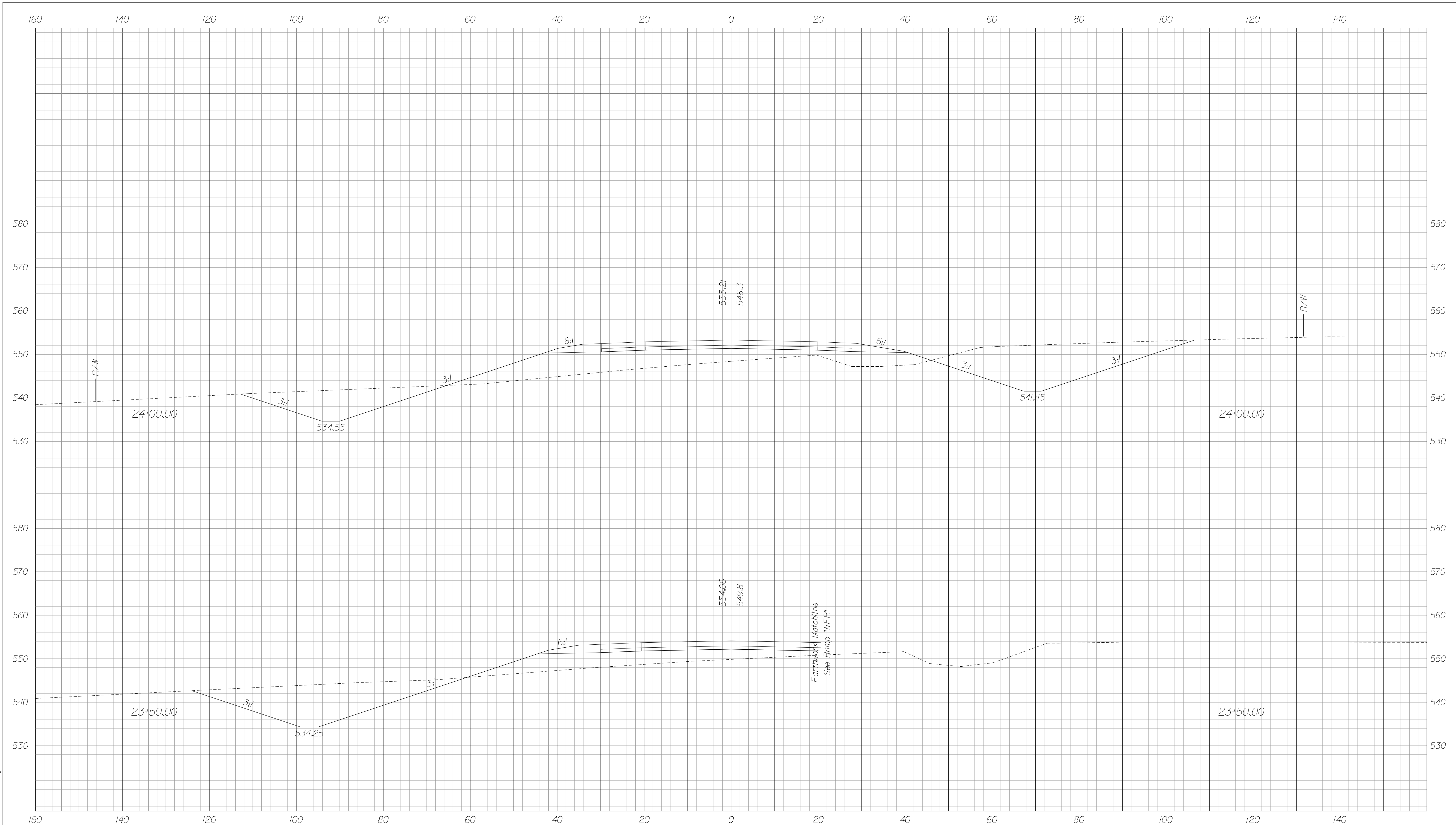
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JSB	DRAWN: MRS	
CHECKED: WSL	CHECKED: JSB	

INDIANA
DEPARTMENT OF TRANSPORTATION
CROSS SECTIONS
LINE "LS-1"
STA. 22+50.00 TO 23+00.00

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE 265-10-9604
VERTICAL SCALE 1" = 10'	DESIGNATION 0900254
SURVEY BOOK	DWG. NO. XS-9
	SHEET NO. 14 of 17
CONTRACT	PROJECT 0810242

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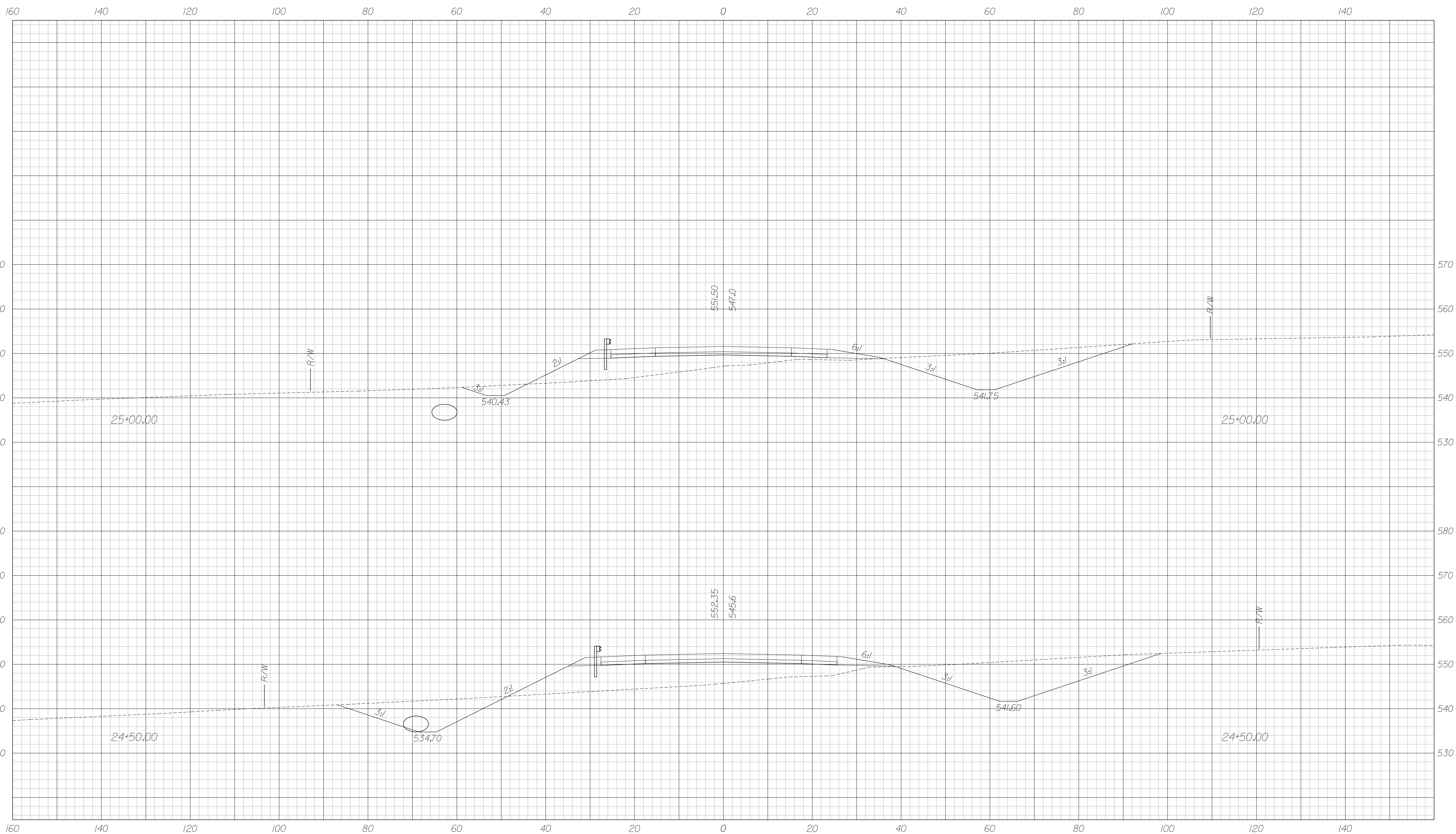
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JSB	DRAWN: MRS	
CHECKED: WSL	CHECKED: JSB	

INDIANA
DEPARTMENT OF TRANSPORTATION
CROSS SECTIONS
LINE "LS-1"
STA. 23+50.00 TO 24+00.00

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE 265-10-9604	
VERTICAL SCALE 1" = 10'	DESIGNATION 0900254	
SURVEY BOOK	DWG. NO. XS-10	SHEET NO. 15 of 17
CONTRACT	PROJECT 0810242	

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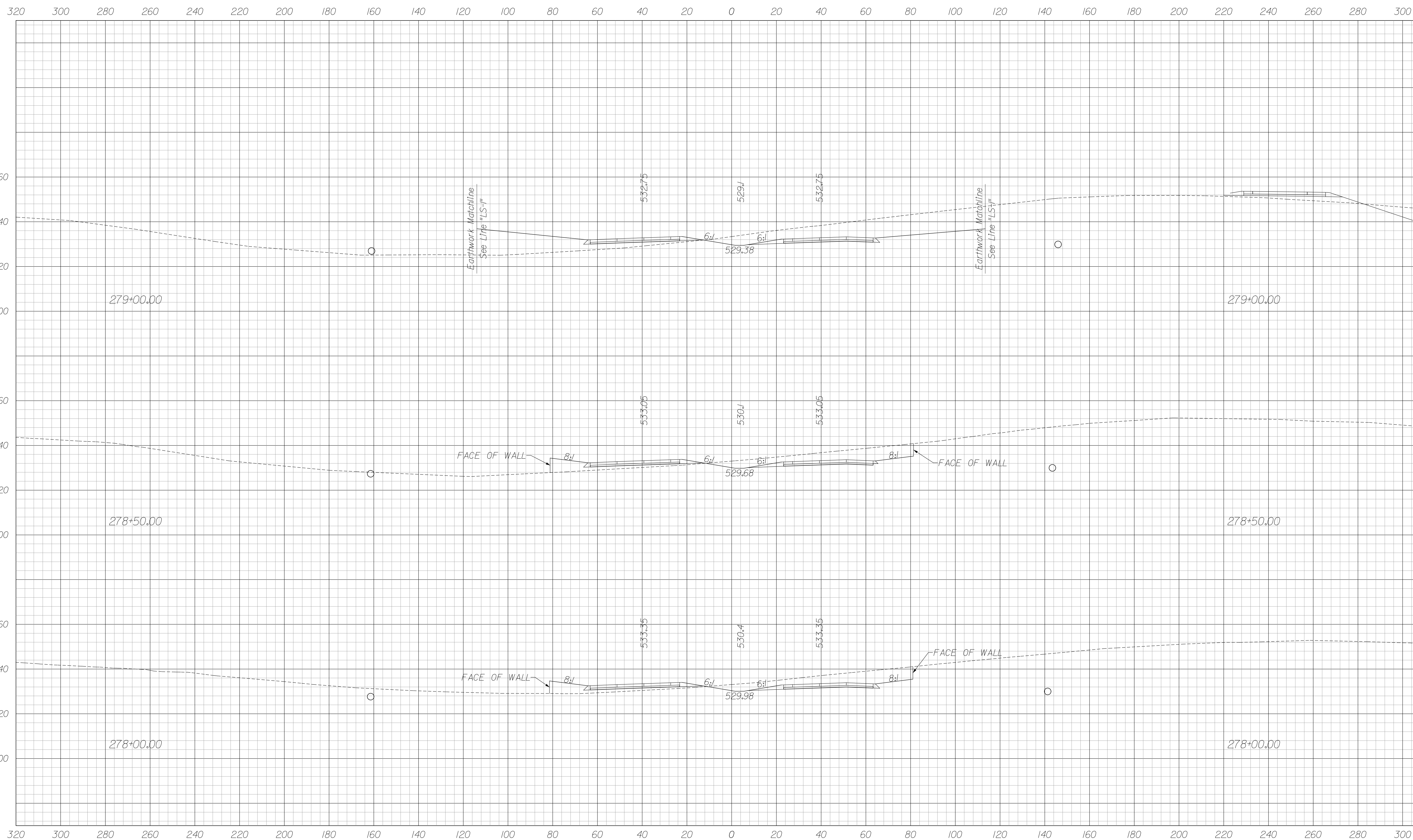
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JSB	DRAWN: MRS	
CHECKED: WSL	CHECKED: JSB	

INDIANA
DEPARTMENT OF TRANSPORTATION
CROSS SECTIONS
LINE "LS-1"
STA. 24+50.00 TO 25+00.00

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE 265-10-9604	
VERTICAL SCALE 1" = 10'	DESIGNATION 0900254	
SURVEY BOOK	DWG. NO. XS-II	SHEET NO. 16 of 17
CONTRACT	PROJECT 0810242	

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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: JSB	DRAWN: MRS		
CHECKED: WSL	CHECKED: JSB		

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "A"
STA. 278+00.00 TO 279+00.00

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE 265-10-9604	
VERTICAL SCALE 1" = 20'	DESIGNATION 0900254	
SURVEY BOOK	DWG. NO. XS-14	SHEET NO. 17 of 17
CONTRACT	PROJECT 0810242	

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