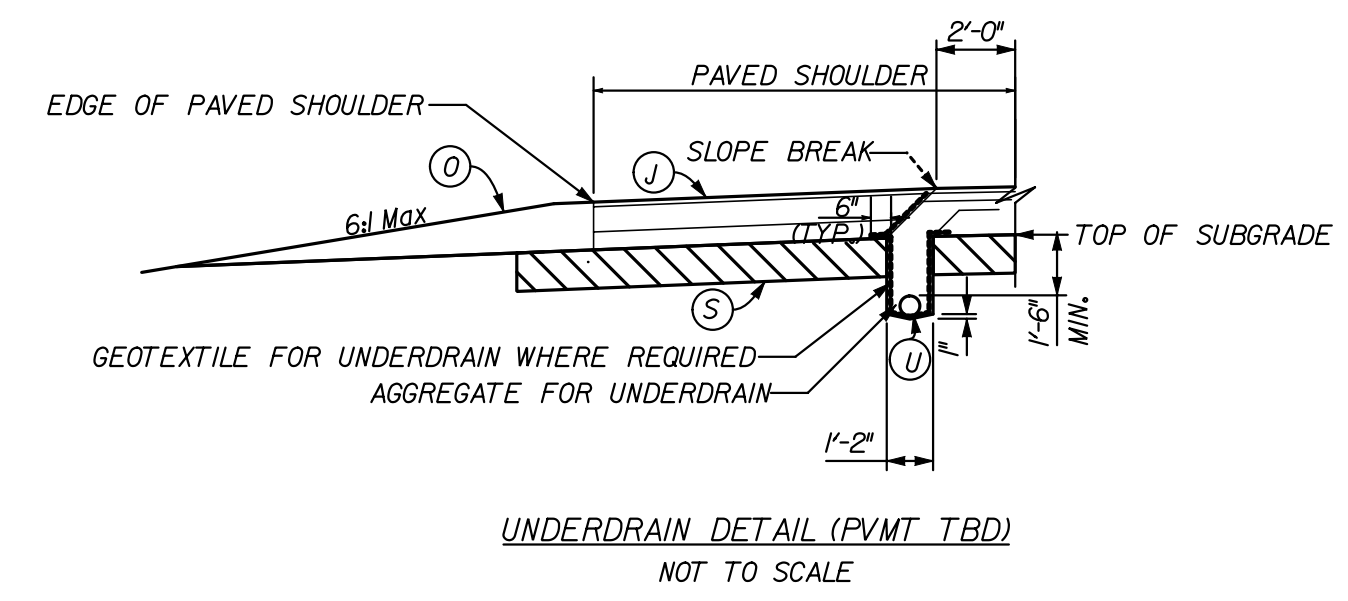
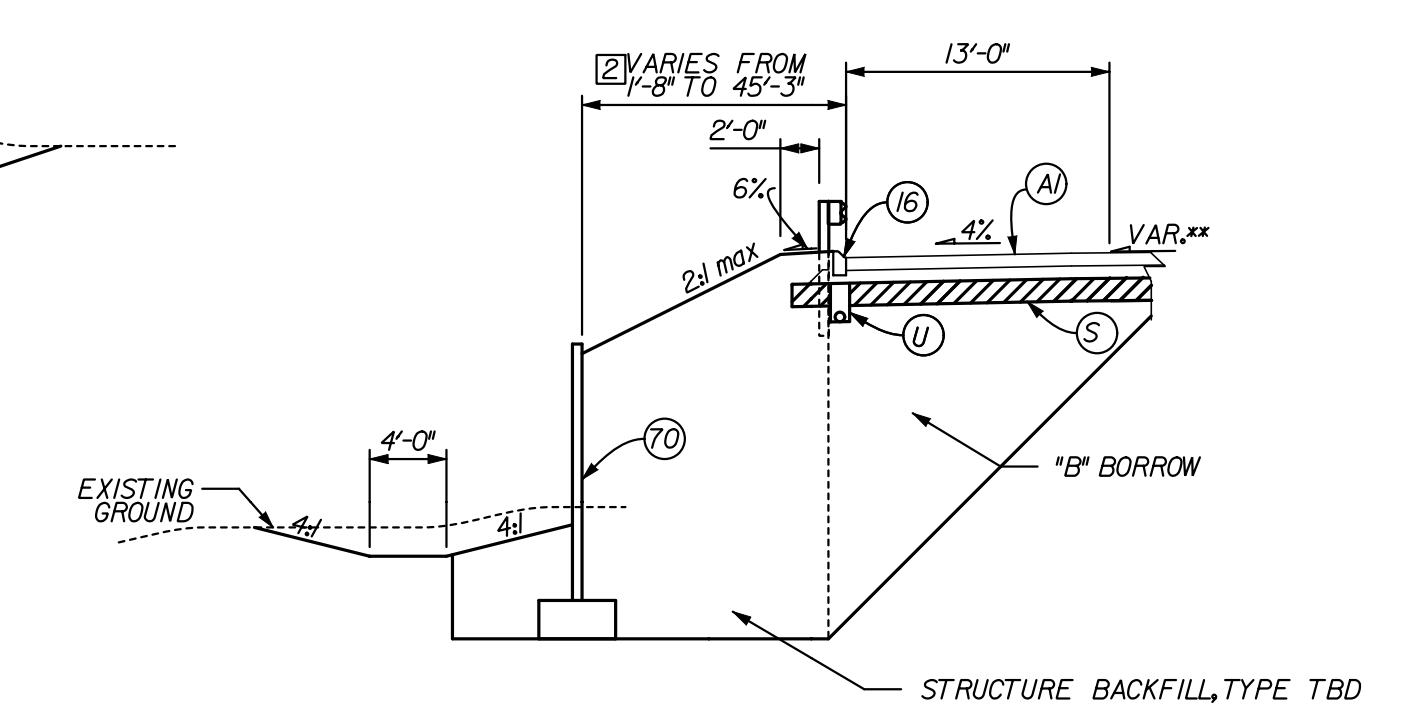
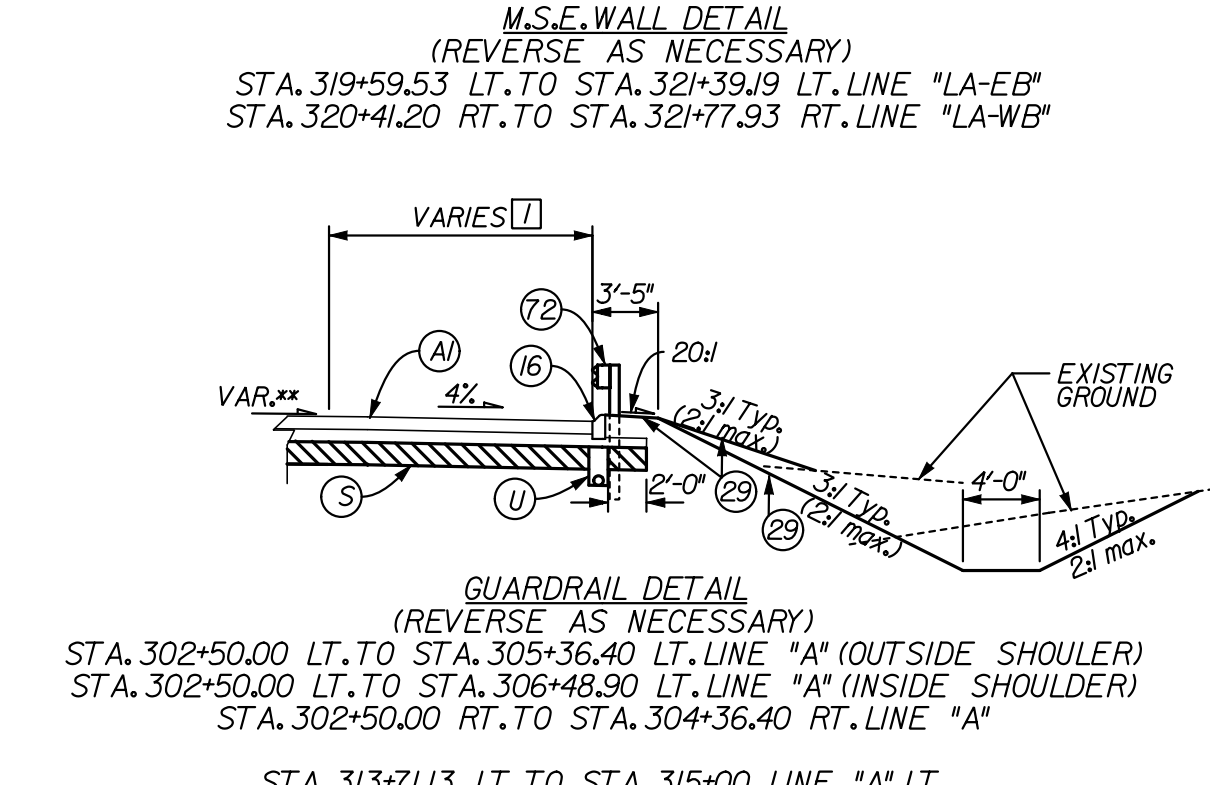
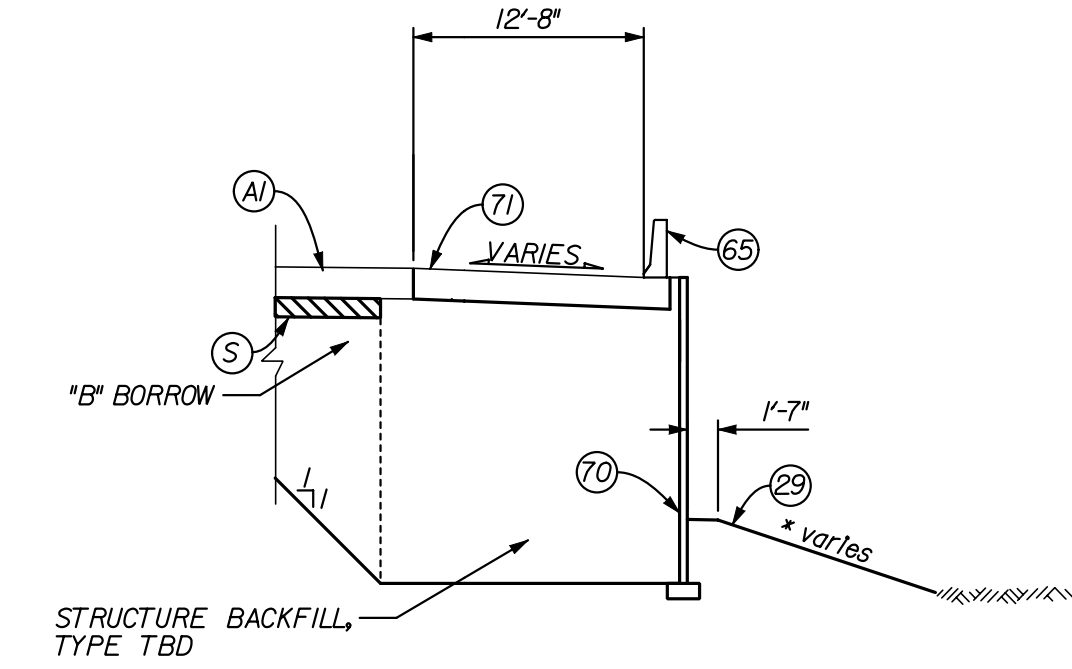


* SEE CROSS SECTIONS FOR SIDE SLOPES
SLOPES TO BE VERIFIED WITH GEOTECHNICAL RECOMMENDATIONS.



45'-3" FROM STA. 315+50.00 LT. LINE "A" TO STA. 319+28J7 LT. LINE "LA-EB"
VARIES 45'-3" TO 1'-8" FROM STA. 319+28J7 LT. TO STA. 319+59.53 LT. LINE "LA-EB"
**2% FOR TANGENT SECTION
e% FOR SUPERELEVATED SECTION

LEGEND

- (A) XX" QC/QA PAVEMENT (TO BE DETERMINED)
- (B) VARIABLE DEPTH COMPACTED AGGREGATE, NO. 53
- (C) SUBGRADE TREATMENT, TYPE xx
- (U) 6" UNDERDRAIN
- (16) CONCRETE CURB, TYPE B
- (26) NURSERY SODDING
- (29) SEEDING, R
- (65) CONCRETE BARRIER, 45", SINGLE FACE
- (70) M.S.E. RETAINING WALL
- (71) MOMENT SLAB
- (72) W-BEAM GUARDRAIL

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED:	JLC	DRAWN:
CHECKED:	JMM	CHECKED:
	JLC	

INDIANA
DEPARTMENT OF TRANSPORTATION

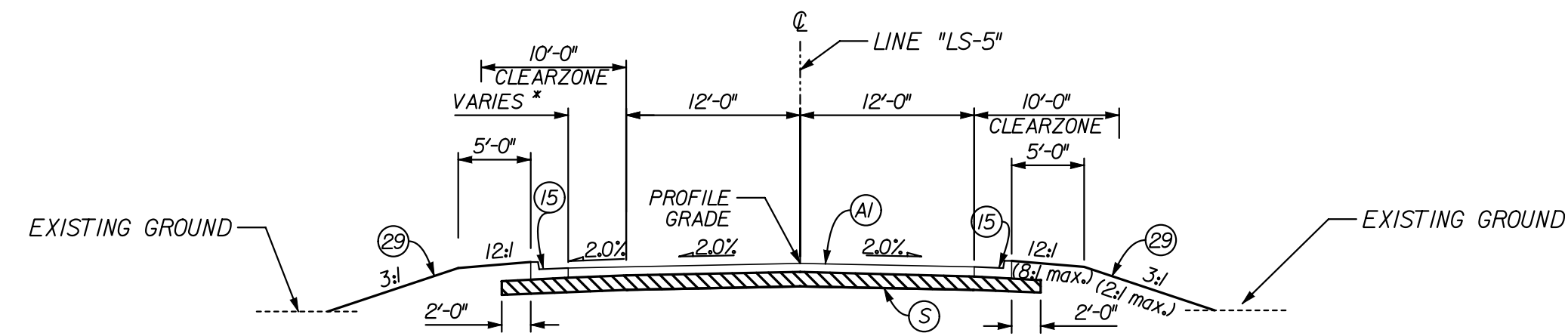
TYPICAL CROSS SECTIONS
LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
	0810243
SURVEY BOOK	DWG. NO.
	TS-01
CONTRACT	SHEET NO.
	3 of 43
	PROJECT
	0810243

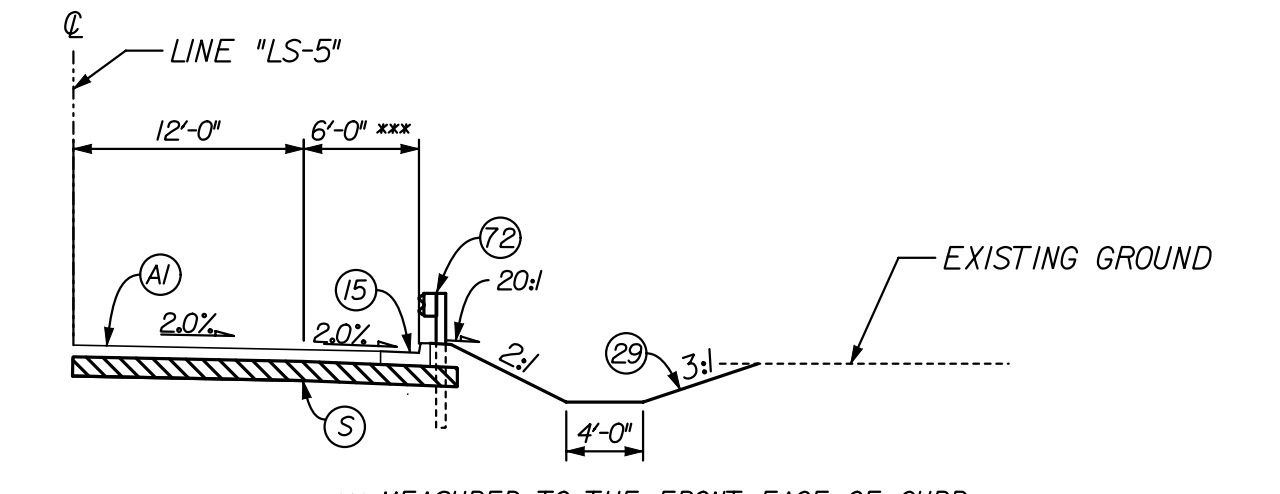
12/30/2011 12:42:32 PM

CROSS SECTIONS FOR SIDE SLOPES
S TO BE VERIFIED WITH GEOTECHNICAL RECOMMENDATIONS.

* 0' FROM STA. 0+00.00 LINE "LS-5" LT. TO STA. 2+58.35 LINE "LS-5" LT.
VARIES FROM 0' AT STA. 2+58.35 LINE "LS-5" LT. TO 4' AT STA. 4+18.36 LINE "LS-5" LT.
4' FROM STA. 4+18.36 LINE "LS-5" LT. TO STA. 4+68.21 LINE "LS-5" LT.



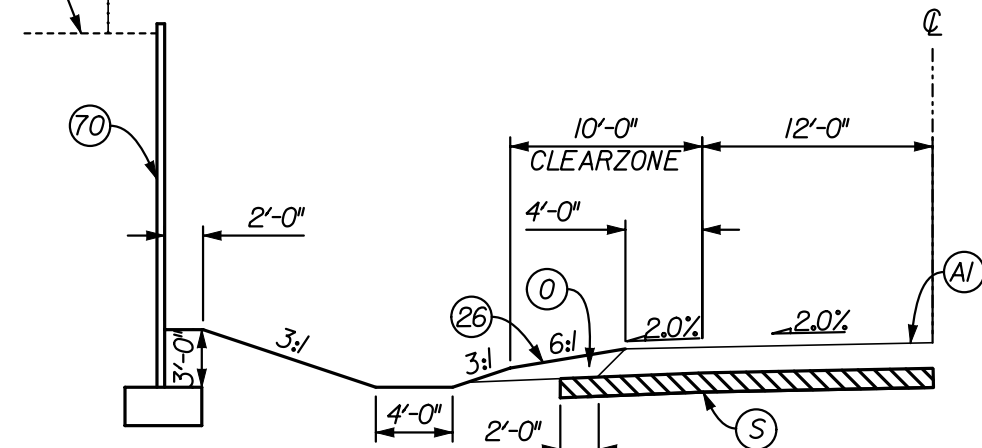
LINE "LS-5" CURB AND GUTTER
STA. 0+50.00 LINE "LS-5" TO STA. 4+68.21 LINE "LS-5"
PAVING EXCEPTION
STA. 4+68.21 LINE "LS-5" TO STA. 8+67.66 LINE "LS-5"



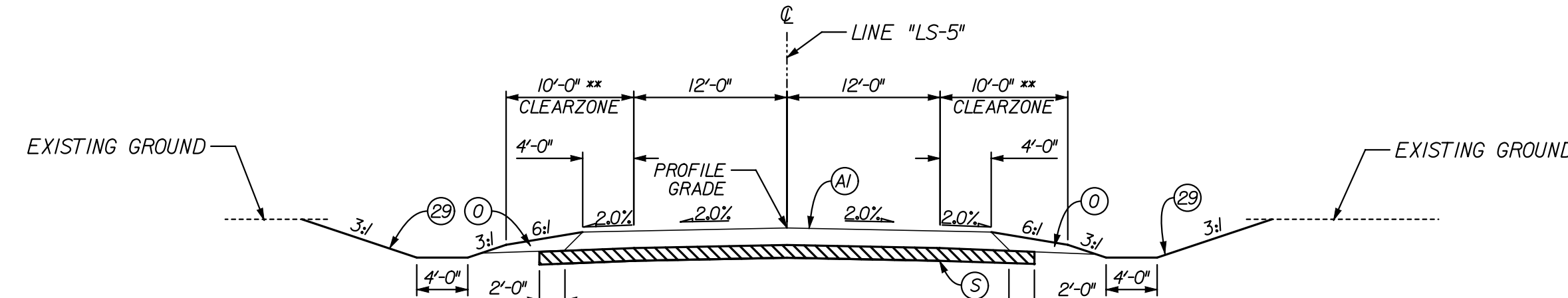
GUARDRAIL DETAIL
STA. 4+18.36 LINE "LS-5" LT. TO STA. 4+68.21 LINE "LS-5" LT.
STA. 4+30.85 LINE "LS-5" RT. TO STA. 4+68.21 LINE "LS-5" RT.

*** MEASURED TO THE FRONT FACE OF CURB

48" CHAINLINK FENCE
LOCATED ALONG LIMITED
ACCESS R/W
EXISTING GROUND

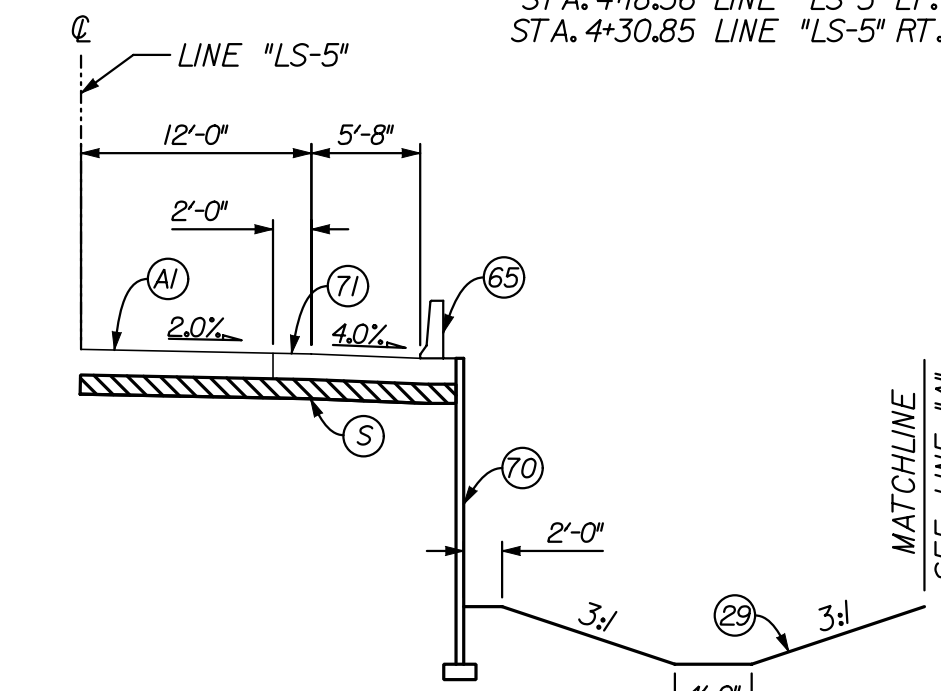


MSE WALL DETAIL
STA. 8+82.71 LINE "LS-5" LT. TO STA. 13+75.40 LINE "LS-5" LT.

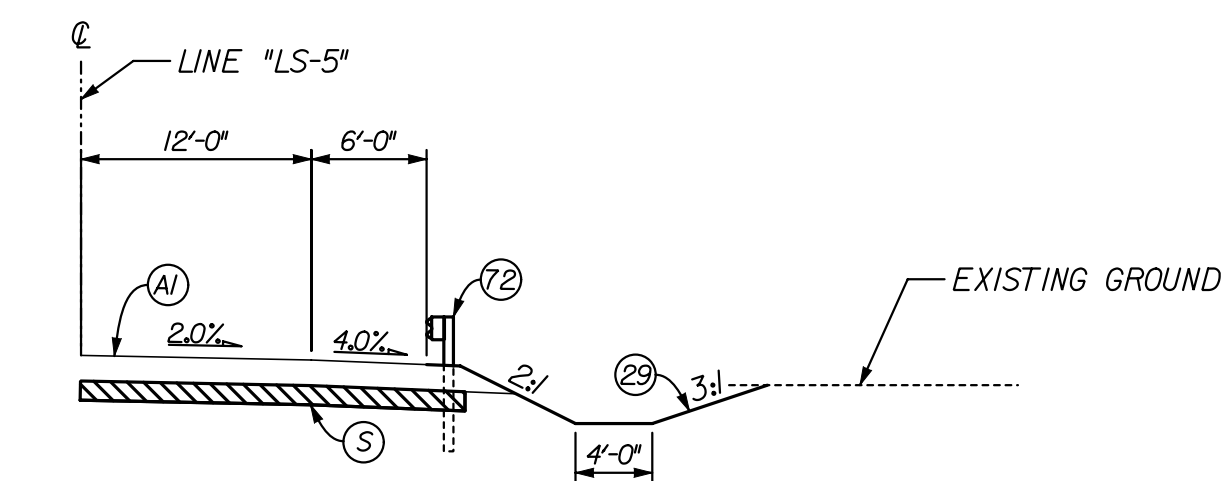


LINE "LS-5" NORMAL CROWN
STA. 8+67.66 LINE "LS-5" TO STA. 15+19.31 LINE "LS-5"

** 15'-0" ON OUTSIDE OF CURVES



MSE WALL DETAIL
STA. 12+36.54 LINE "LS-5" RT. TO STA. 14+68.73 LINE "LS-5" RT.



GUARDRAIL DETAIL
STA. 8+67.66 LINE "LS-5" RT. TO STA. 8+98.38 LINE "LS-5" RT.
STA. 8+67.66 LINE "LS-5" LT. TO STA. 9+17.19 LINE "LS-5" LT.
STA. 11+62.14 LINE "LS-5" RT. TO STA. 12+36.54 LINE "LS-5" RT.

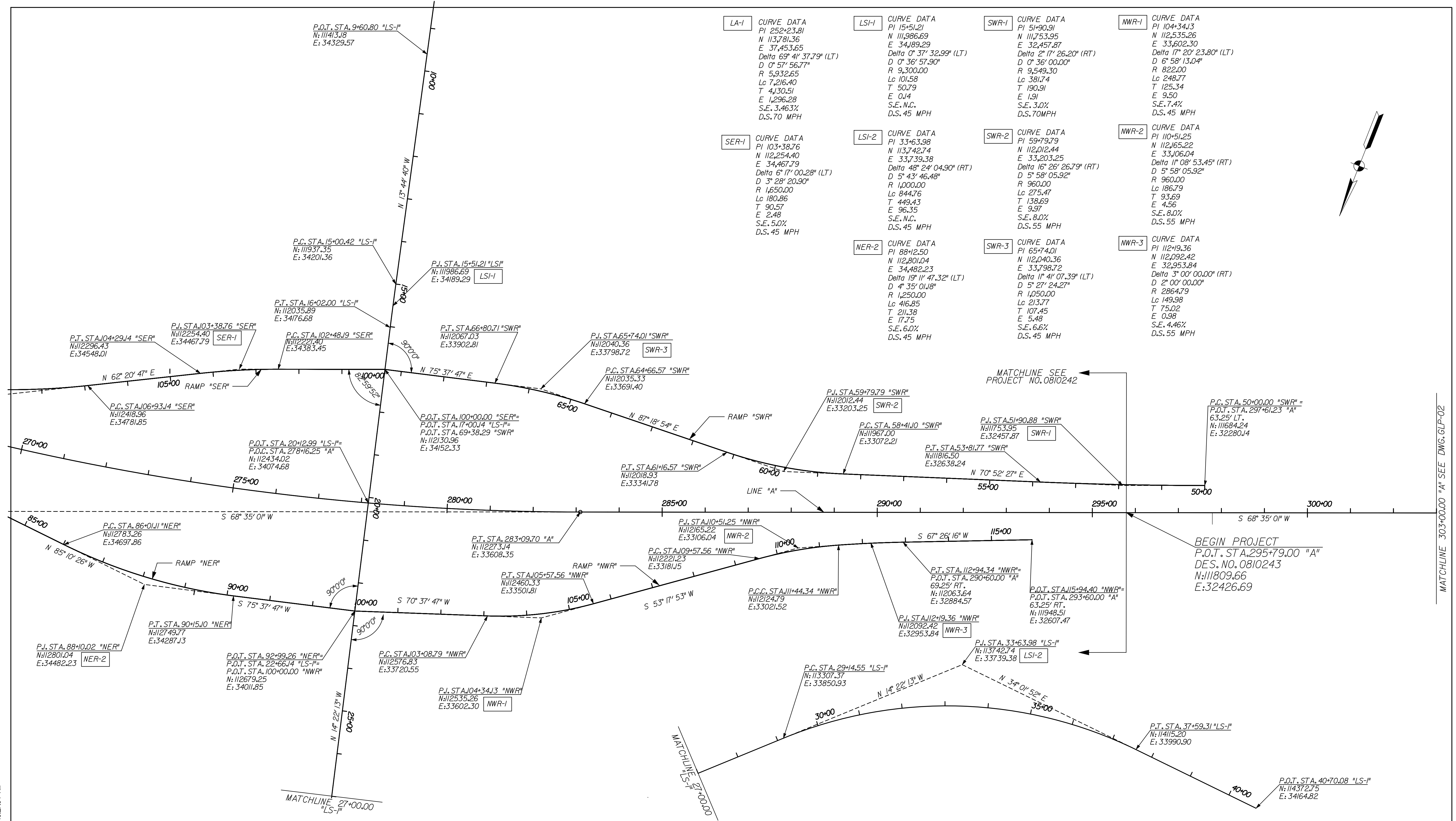
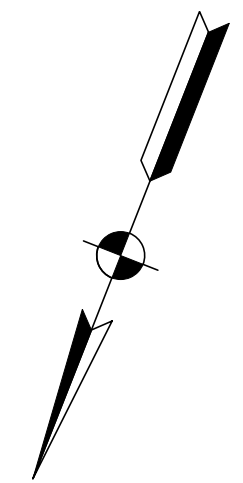
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LEGEND		
(A) XX" GC/QA PAVEMENT (TO BE DETERMINED)	(15) CONCRETE CURB AND GUTTER	(65) CONCRETE BARRIER, 45", SINGLE FACE
(O) VARIABLE DEPTH COMPACTED AGGREGATE, NO. 53	(16) CONCRETE CURB, TYPE B	(70) M.S.E. RETAINING WALL
(S) SUBGRADE TREATMENT, TYPE XX	(26) NURSERY SODDING	(71) MOMENT SLAB
(U) 6" UNDERDRAIN	(29) SEEDING, R	(72) W-BEAM GUARDRAIL

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMH	DRAWN: AMH	
CHECKED: JLC	CHECKED: JLC	

INDIANA
DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
LINE "LS-5" (BROOKHOLLOW WAY)

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION OB10243
SURVEY BOOK	DWG. NO. TS-02
	SHEET NO. 4 of 43
CONTRACT	PROJECT OB10243



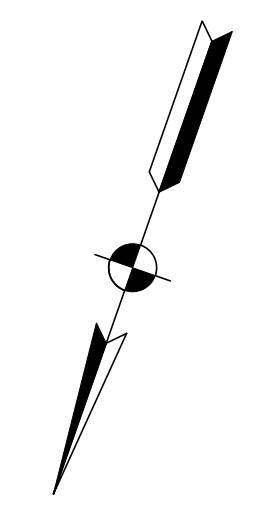
LA-1	CURVE DATA PI 252+23.81 N 113,781.36 E 37,453.65 Delta 69° 41' 37.79" (LT) D 0° 57' 56.77" R 5,932.65 Lc 7,216.40 T 4,130.51 E 1,296.28 S.E. 3.463% D.S. 70 MPH	LSI-1	CURVE DATA PI 15+51.21 N 111,986.69 E 34,892.29 Delta 0° 37' 32.99" (LT) D 0° 36' 57.90" R 9,300.00 Lc 101.58 T 50.79 E 0.14 S.E. N.C. D.S. 45 MPH	SWR-1	CURVE DATA PI 51+90.91 N 117,533.95 E 32,457.87 Delta 2° 17' 26.20" (RT) D 0° 36' 00.00" R 9,459.30 Lc 381.74 T 190.91 E 1.91 S.E. 3.0% D.S. 70 MPH	NWR-1	CURVE DATA PI 104+34.13 N 112,535.26 E 33,602.30 Delta 17° 20' 23.80" (LT) D 6° 58' 13.04" R 822.00 Lc 248.77 T 125.34 E 9.50 S.E. 7.4% D.S. 45 MPH
SER-1	CURVE DATA PI 103+38.76 N 112,254.40 E 34,467.79 Delta 6° 17' 00.28" (LT) D 3° 28' 20.90" R 1,650.00 Lc 180.86 T 90.57 E 96.35 S.E. 5.0% D.S. 45 MPH	LSI-2	CURVE DATA PI 33+63.98 N 113,742.74 E 33,739.38 Delta 48° 24' 04.90" (RT) D 5° 43' 46.48" R 1,000.00 Lc 844.76 T 449.43 E 96.35 S.E. N.C. D.S. 45 MPH	SWR-2	CURVE DATA PI 59+79.79 N 112,012.44 E 33,203.25 Delta 16° 26' 26.79" (RT) D 5° 58' 05.92" R 960.00 Lc 275.47 T 138.69 E 9.97 S.E. 8.0% D.S. 55 MPH	NWR-2	CURVE DATA PI 110+51.25 N 112,655.22 E 33,106.04 Delta 11° 08' 53.45" (RT) D 5° 58' 05.92" R 960.00 Lc 186.79 T 93.69 E 4.56 S.E. 8.0% D.S. 55 MPH
		NER-2	CURVE DATA PI 88+2.50 N 112,801.04 E 34,482.23 Delta 19° 11' 47.32" (LT) D 4° 35' 01.88" R 1,250.00 Lc 416.85 T 211.38 E 17.75 S.E. 6.0% D.S. 45 MPH	SWR-3	CURVE DATA PI 65+74.01 N 112,040.36 E 33,798.72 Delta 11° 41' 07.39" (LT) D 5° 27' 24.27" R 1,050.00 Lc 213.77 T 107.45 E 5.48 S.E. 6.6% D.S. 45 MPH	NWR-3	CURVE DATA PI 112+9.36 N 112,092.42 E 32,953.84 Delta 3° 00' 00.00" (RT) D 2° 00' 00.00" R 2864.79 Lc 149.98 T 75.02 E 0.98 S.E. 4.46% D.S. 55 MPH

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION PROPOSED GEOMETRIC LAYOUT SHEET	HORIZONTAL SCALE 1" = 100'	BRIDGE FILE X
DESIGNED: JLC DRAWN: JMM		VERTICAL SCALE	DESIGNATION OB10243
CHECKED: JMM CHECKED: JLC		SURVEY BOOK	DWG. NO. GLP-01
		CONTRACT	PROJECT OB10243

10/27/04 AM
 12/21/2011
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MATCHLINE 303+00.00 "A" SEE DWG. GLP-02

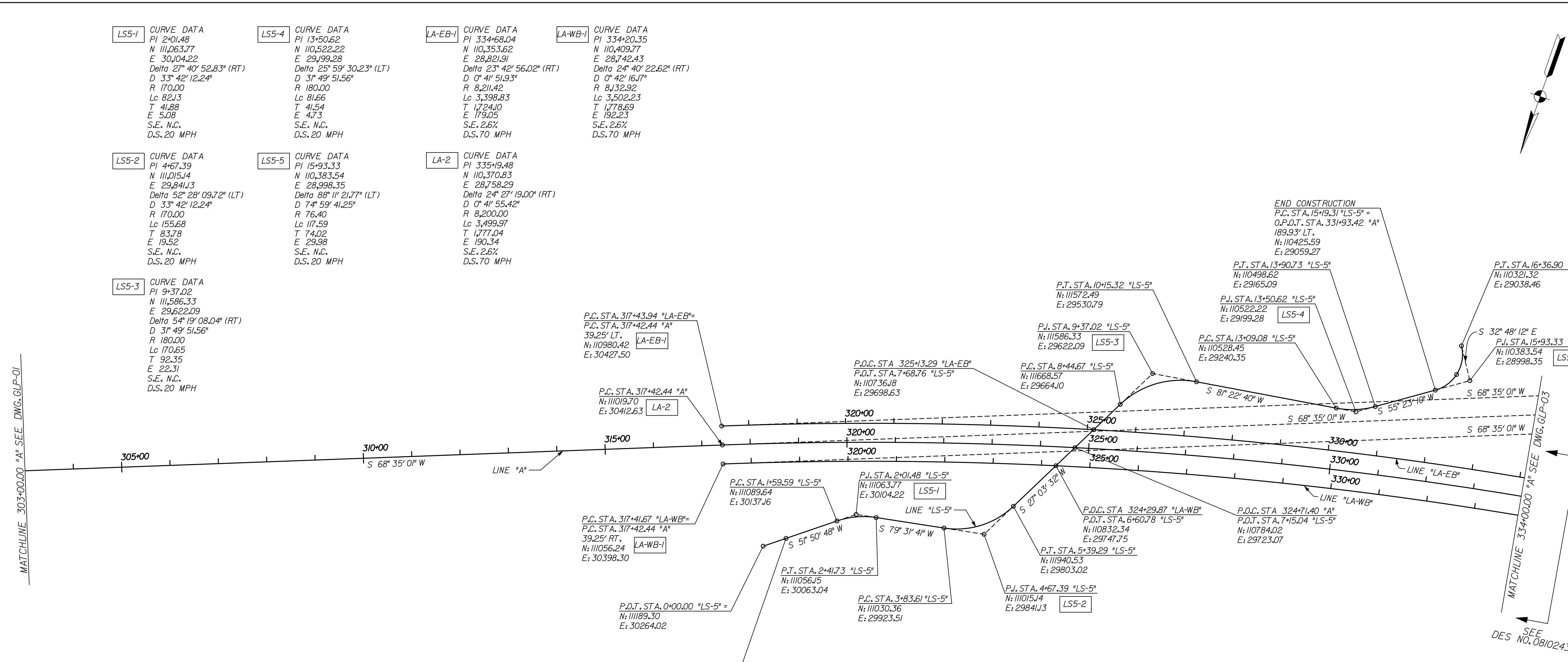
BEGIN PROJECT
 P.O.T. STA. 295+79.00 "A"
 DES. NO. 0810243
 N: 111809.66
 E: 32426.69



LS5-1 CURVE DATA PI 2401.48 N 111,063.77 E 30,104.22 Delta 27° 40' 52.83" (RT) D 33° 42' 12.24" R 170.00 Lc 82.13 T 41.88 E 5.08 S.E. N.C. D.S. 20 MPH	LS5-4 CURVE DATA PI 13450.62 N 110,522.22 E 29,999.28 Delta 25° 59' 30.23" (LT) D 31° 49' 51.56" R 180.00 Lc 81.66 T 41.54 E 4.73 S.E. N.C. D.S. 20 MPH	LA-EB-1 CURVE DATA PI 33468.04 N 110,353.62 E 28,821.91 Delta 23° 42' 56.02" (RT) D 0° 41' 51.93" R 8,211.42 Lc 3,398.83 T 1,724.10 E 179.05 S.E. 2.6% D.S. 70 MPH	LA-WB-1 CURVE DATA PI 33420.35 N 110,409.77 E 28,742.43 Delta 24° 40' 22.62" (RT) D 0° 42' 16.17" R 8,132.92 Lc 3,502.23 T 1,778.69 E 192.23 S.E. 2.6% D.S. 70 MPH
LS5-2 CURVE DATA PI 4467.39 N 111,015.14 E 29,841.13 Delta 52° 28' 09.72" (LT) D 33° 42' 12.24" R 170.00 Lc 155.68 T 83.78 E 19.52 S.E. N.C. D.S. 20 MPH	LS5-5 CURVE DATA PI 15493.33 N 110,383.54 E 28,998.35 Delta 88° 11' 21.77" (LT) D 74° 59' 41.25" R 76.40 Lc 117.59 T 74.02 E 29.98 S.E. N.C. D.S. 20 MPH	LA-2 CURVE DATA PI 33549.48 N 110,370.83 E 28,758.29 Delta 24° 27' 19.00" (RT) D 0° 41' 55.42" R 8,200.00 Lc 3,499.97 T 1,777.04 E 190.34 S.E. 2.6% D.S. 70 MPH	
LS5-3 CURVE DATA PI 9437.02 N 111,586.33 E 29,622.09 Delta 54° 19' 08.04" (RT) D 31° 49' 51.56" R 180.00 Lc 170.65 T 92.35 E 22.31 S.E. N.C. D.S. 20 MPH			

MATCHLINE 303+00.00 "A" SEE DWG. GLP-01

MATCHLINE 334+00.00 "A" SEE DWG. GLP-03
SEE DES NO. 0810243



12/21/2011 10:27:41 AM
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: JLC	DRAWN: JMM		
CHECKED: JMM	CHECKED: JLC		

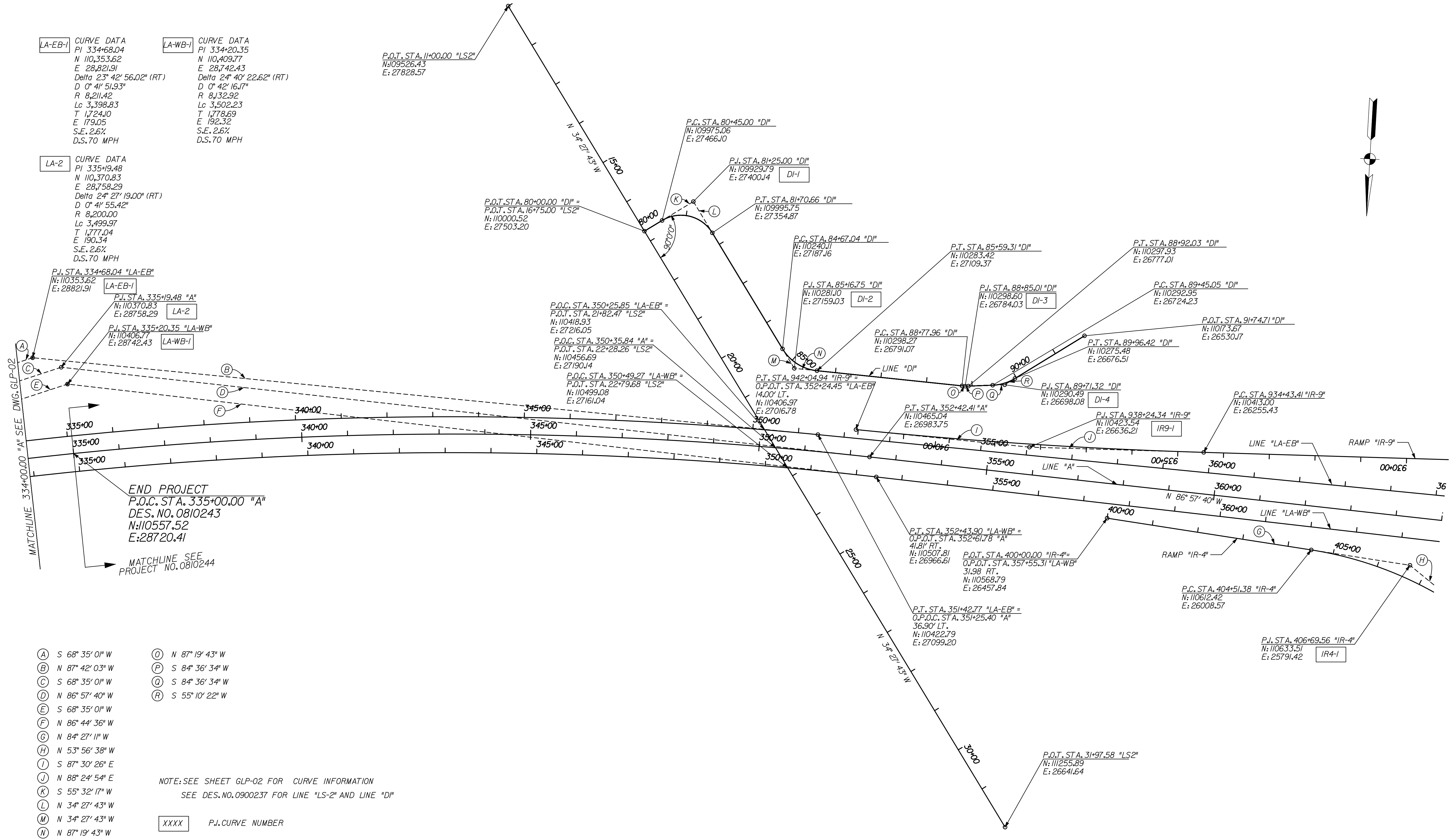
INDIANA
DEPARTMENT OF TRANSPORTATION

PROPOSED
GEOMETRIC LAYOUT SHEET

HORIZONTAL SCALE 1" = 100'	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION 0810243	
SURVEY BOOK	DWG. NO. GLP-02	SHEET NO. 6 of 43
CONTRACT	PROJECT 0810243	

LA-EB-1	CURVE DATA PI 334+68.04 N 110,353.62 E 28,821.91 Delta 23° 42' 56.02" (RT) D 0° 41' 51.93" R 8,211.42 Lc 3,398.83 T 1,724.10 E 179.05 S.E. 2.6% D.S. 70 MPH	LA-WB-1	CURVE DATA PI 334+20.35 N 110,409.77 E 28,742.43 Delta 24° 40' 22.62" (RT) D 0° 42' 16.17" R 8,329.92 Lc 3,502.23 T 1,778.69 E 192.32 S.E. 2.6% D.S. 70 MPH
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LA-2	CURVE DATA PI 335+19.48 N 110,370.83 E 28,758.29 Delta 24° 27' 19.00" (RT) D 0° 41' 55.42" R 8,200.00 Lc 3,499.97 T 1,777.04 E 190.34 S.E. 2.6% D.S. 70 MPH
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- (A) S 68° 35' 01" W
- (B) N 87° 42' 03" W
- (C) S 68° 35' 01" W
- (D) N 86° 57' 40" W
- (E) S 68° 35' 01" W
- (F) N 86° 44' 36" W
- (G) N 84° 27' 11" W
- (H) N 53° 56' 38" W
- (J) S 87° 30' 26" E
- (K) N 88° 24' 54" E
- (L) S 55° 32' 17" W
- (M) N 34° 27' 43" W
- (N) N 87° 19' 43" W
- (O) N 87° 19' 43" W
- (P) S 84° 36' 34" W
- (Q) S 84° 36' 34" W
- (R) S 55° 10' 22" W

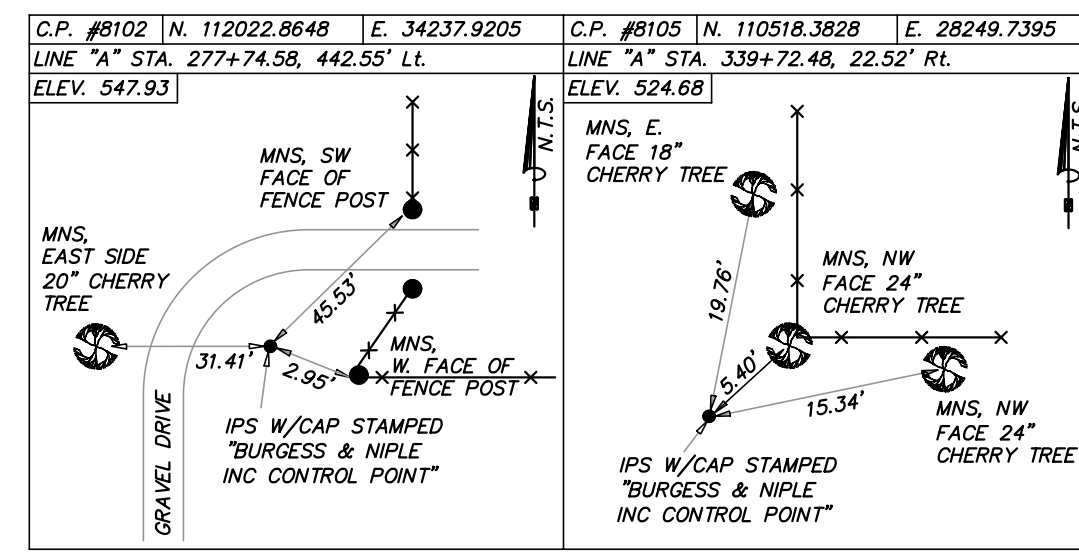
NOTE: SEE SHEET GLP-02 FOR CURVE INFORMATION
SEE DES. NO. 0900237 FOR LINE "LS-2" AND LINE "DI"

XXXX P.J. CURVE NUMBER

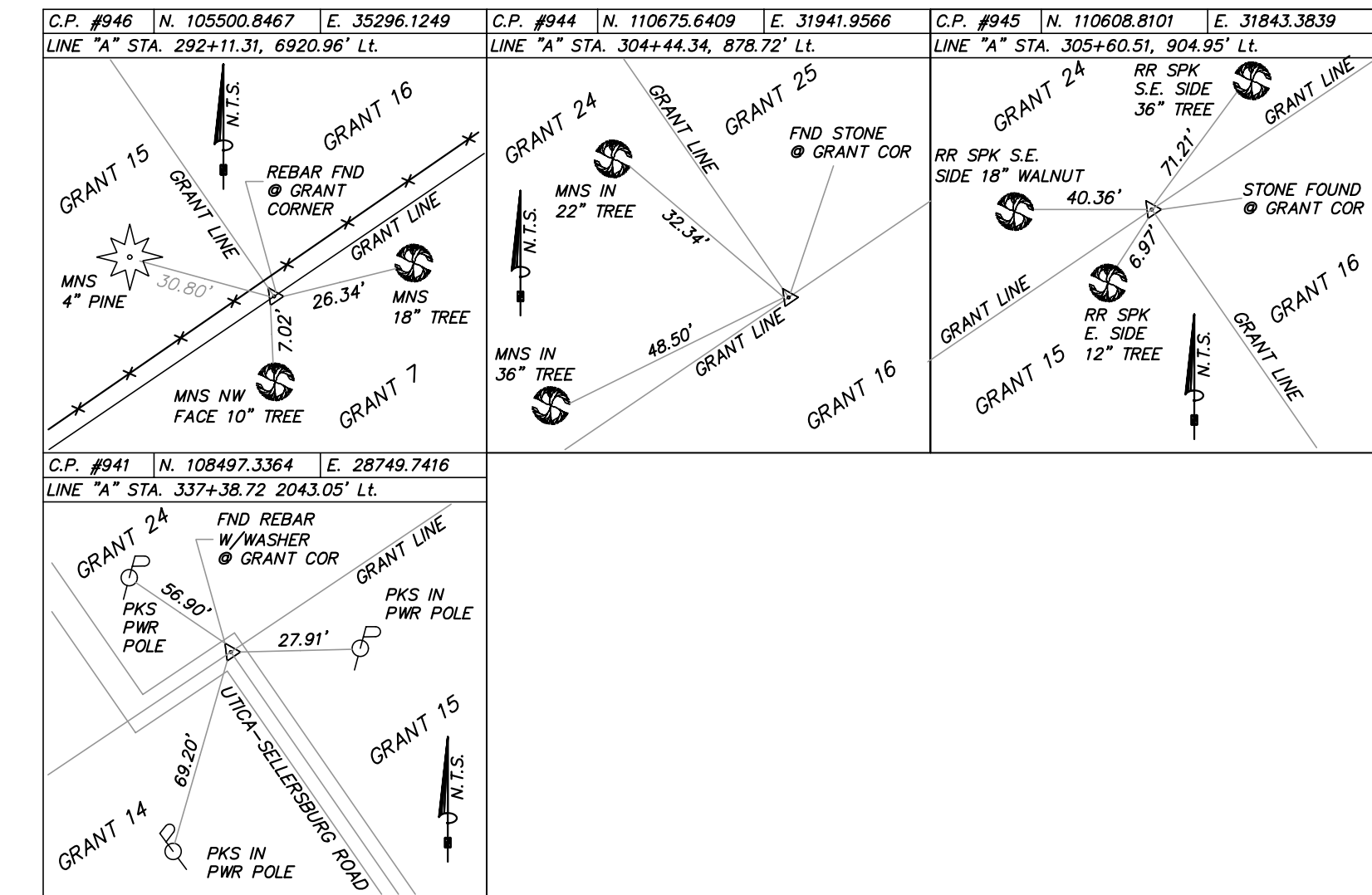
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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION PROPOSED GEOMETRIC LAYOUT SHEET	HORIZONTAL SCALE 1" = 100'	BRIDGE FILE
DESIGNED: JLC DRAWN: JMM		VERTICAL SCALE	DESIGNATION 0810243
CHECKED: JMM CHECKED: JLC		SURVEY BOOK	DWG. NO. SHEET NO. GLP-03 7 of 43
		CONTRACT	PROJECT 0810243

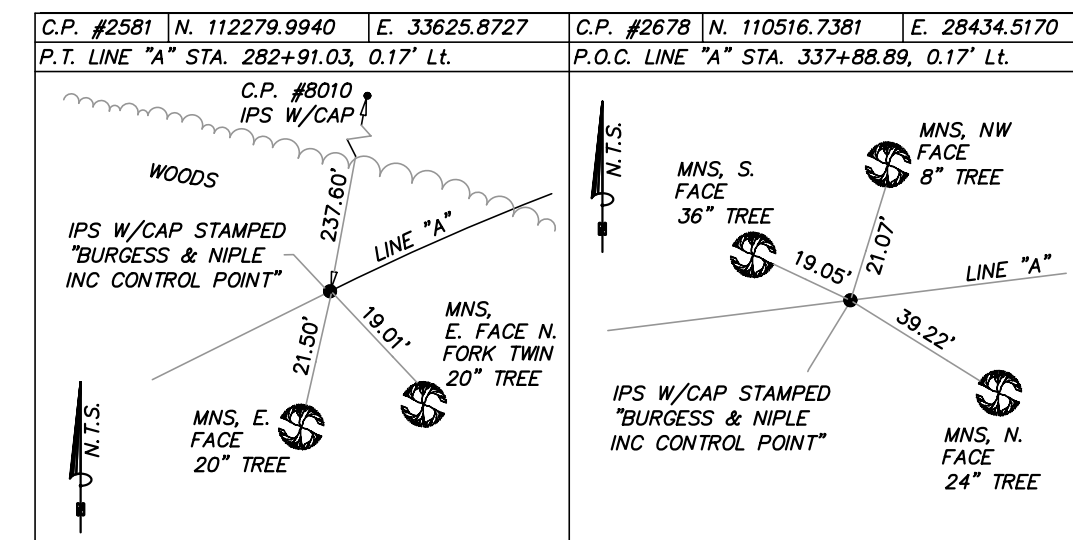
CONTROL POINT - REFERENCE TIES



GOVERNMENT GRANT CORNER - REFERENCE TIES



ALIGNMENT POINT - REFERENCE TIES

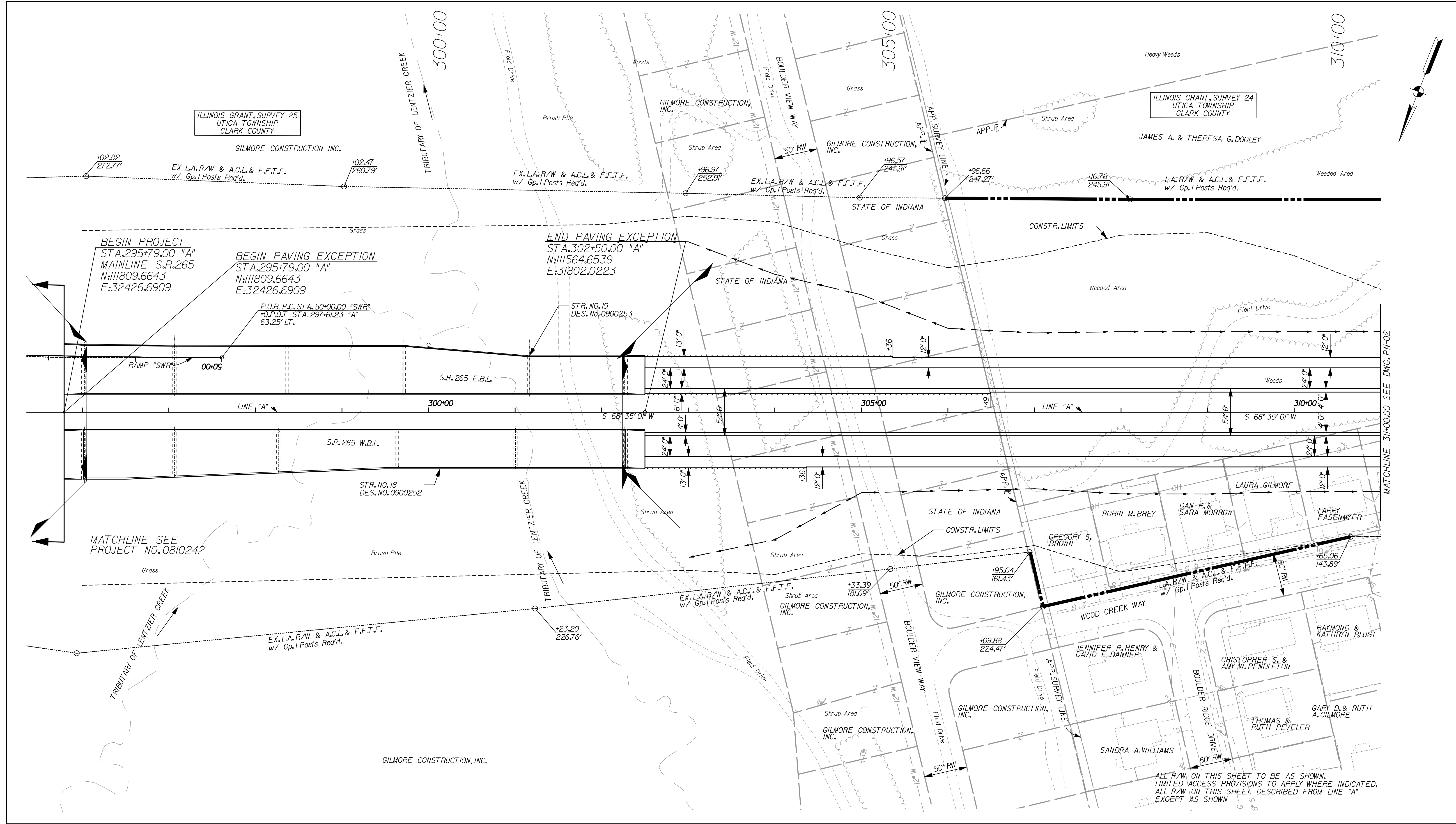


LEGEND

- ▲ GRANT CORNER MONUMENT FOUND (AS NOTED)
- MONUMENT FOUND (AS NOTED)
- MAG NAIL SET
- MAG NAIL / PK NAIL FOUND AS NOTED
- IRON PIN SET W/CAP (AS NOTED)
- IRON PIN / IRON PIPE FOUND (AS NOTED)
- IPF IRON PIN / IRON PIPE FOUND
- IPS IRON PIN (REBAR) SET
- MNF MAG NAIL FOUND
- MNS MAG NAIL SET
- PKF PK NAIL FOUND

12/21/2011 10:29:26 AM C:\temp\dms07439\Csc01.dgn

	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE N.T.S. BRIDGE FILE
		CONTROL POINTS AND REFERENCE TIES	VERTICAL SCALE DESIGNATION OBIO243
	DESIGNED: TAD DRAWN: AMH		SURVEY BOOK DWG. NO. SHEET NO. SC-01 B of 43
	CHECKED: KGG CHECKED: TAD		CONTRACT PROJECT OBIO243



BEGIN PROJECT
 STA. 295+79.00 "A"
 MAINLINE S.R. 265
 N: 11809.6643
 E: 32426.6909

BEGIN PAVING EXCEPTION
 STA. 295+79.00 "A"
 N: 11809.6643
 E: 32426.6909

END PAVING EXCEPTION
 STA. 302+50.00 "A"
 N: 11564.6539
 E: 31802.0223

P.O.B. P.C. STA. 50+00.00 "SWR"
 O.P.O.T. STA. 297+61.23 "A"
 63.25' LT.

STR. NO. 19
 DES. NO. 0900253

STR. NO. 18
 DES. NO. 0900252

MATCHLINE SEE
 PROJECT NO. 0810242

MATCHLINE 311+00.00 SEE DWG. PN-02

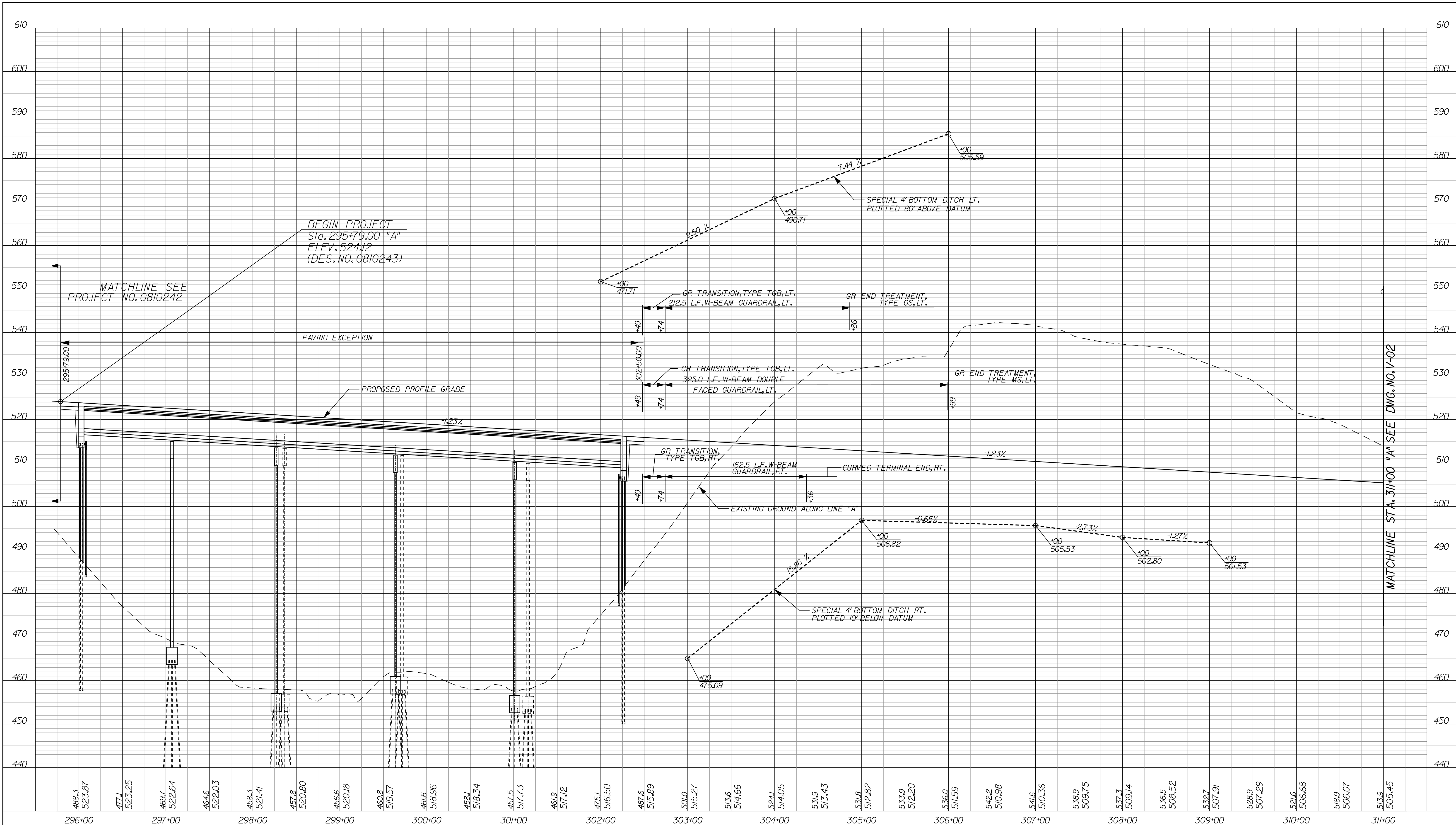
ALL R/W ON THIS SHEET TO BE AS SHOWN.
 LIMITED ACCESS PROVISIONS TO APPLY WHERE INDICATED.
 ALL R/W ON THIS SHEET DESCRIBED FROM LINE "A"
 EXCEPT AS SHOWN

11/21/2011 11:21:29 AM
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JLC	DRAWN: JMM	
CHECKED: JMM	CHECKED: JLC	

INDIANA
 DEPARTMENT OF TRANSPORTATION
 PLAN SHEET
 LINE "A"
 STA. 295+79 TO STA. 311+00

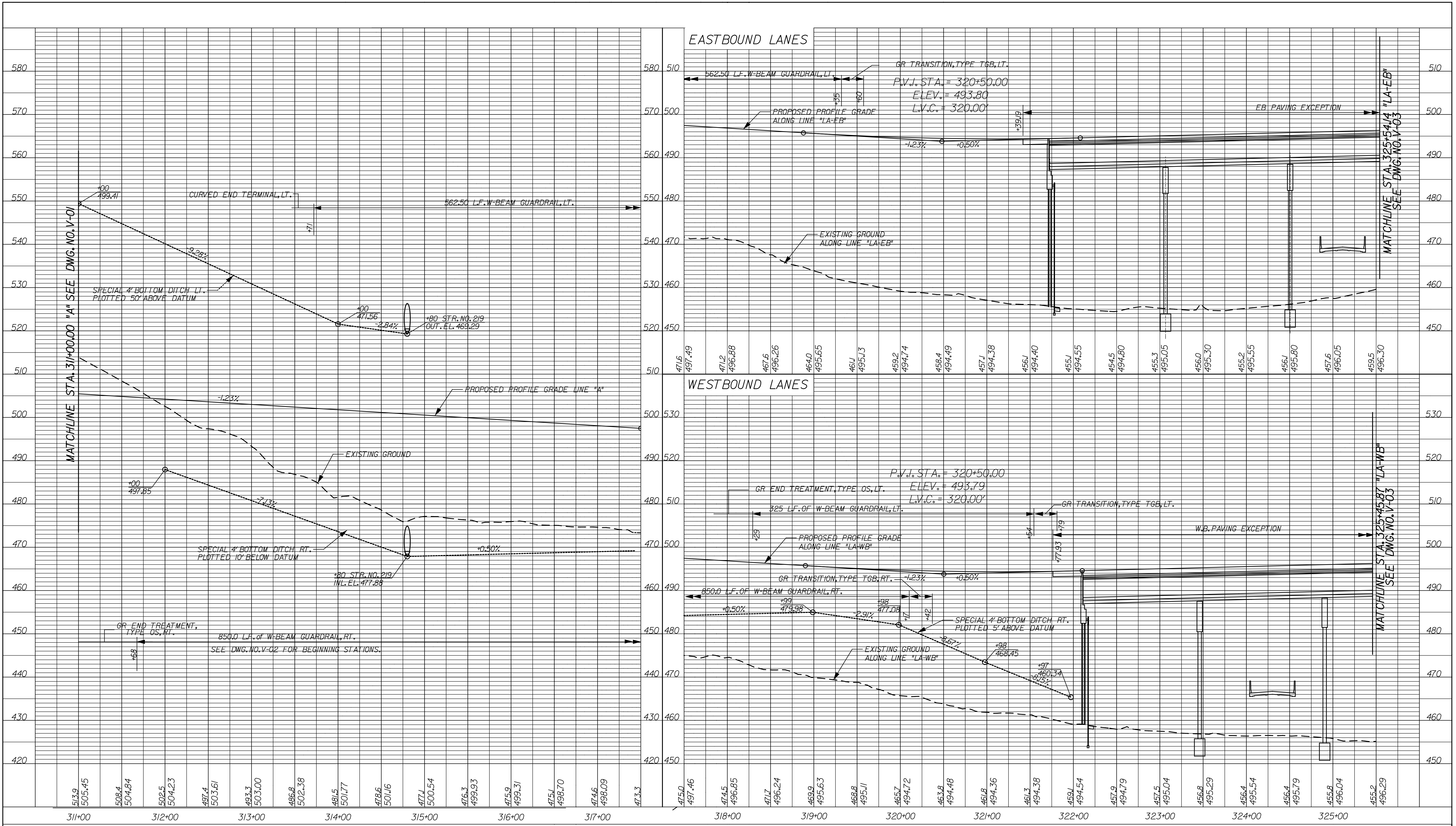
HORIZONTAL SCALE 1" = 50'	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION 0810243	
SURVEY BOOK	DWG. NO. PN-01	SHEET NO. 9 of 43
CONTRACT	PROJECT 0810243	



10:46:12 AM
 12/21/2011
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	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION PROFILE SHEET LINE "A" STA. 297+05 TO STA. 311+00	HORIZONTAL SCALE 1" = 50' VERTICAL SCALE 1" = 10'	BRIDGE FILE DESIGNATION 0810243
DESIGNED: JLC	DRAWN: JMM		SURVEY BOOK V-01	SHEET NO. 10 of 43
CHECKED: JMM	CHECKED: JLC		CONTRACT	PROJECT 0810243

12/30/2011
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RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE

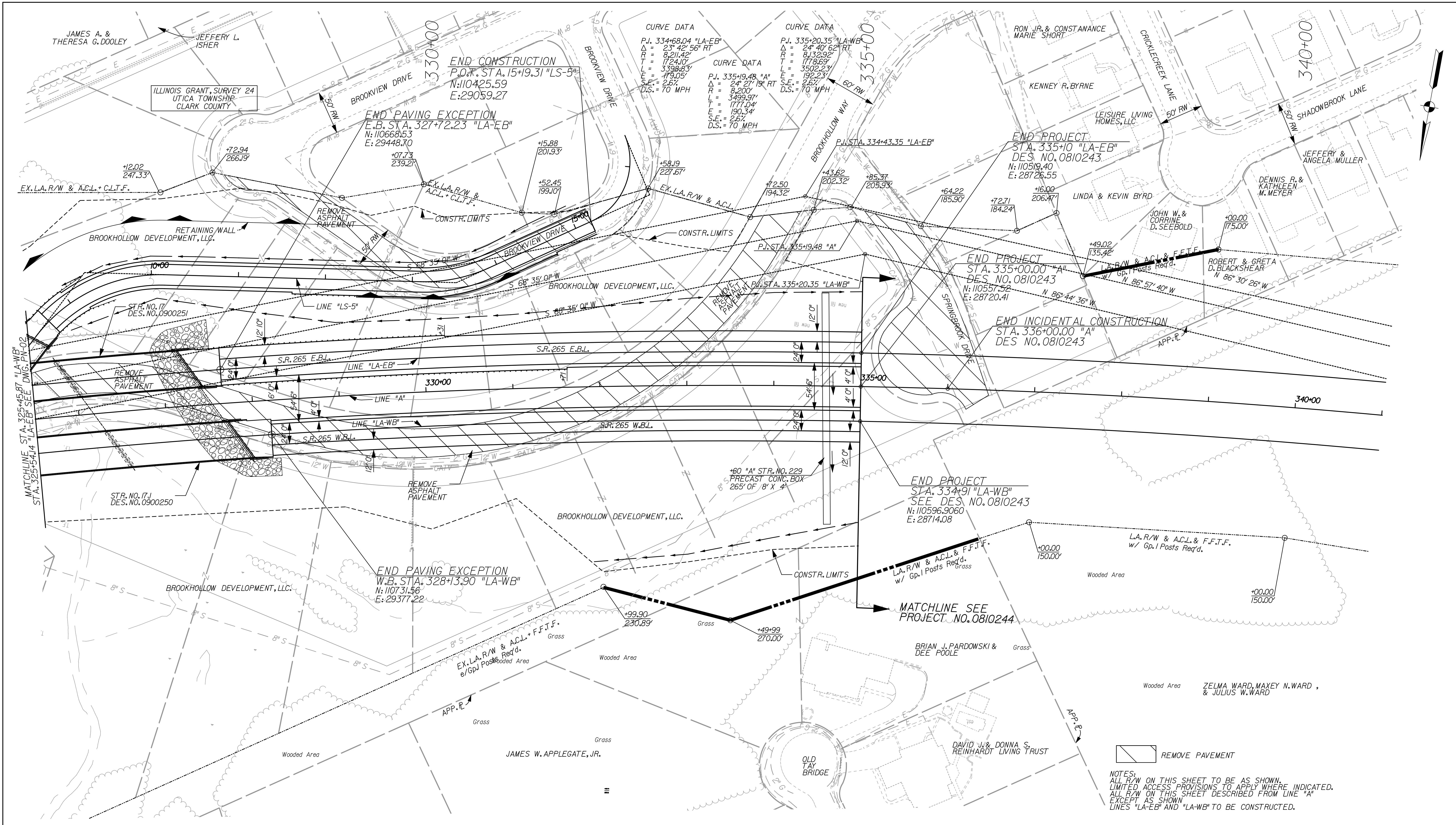
DESIGNED: JLC DRAWN: JMM

CHECKED: JMM CHECKED: JLC

INDIANA
 DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
 LINE "A", LINE "LA-EB" & LINE "LA-WB"
 STA. 311+00 TO STA. 326+00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION 0810243
SURVEY BOOK	DWG. NO. V-02
	SHEET NO. 12 of 43
CONTRACT	PROJECT 0810243

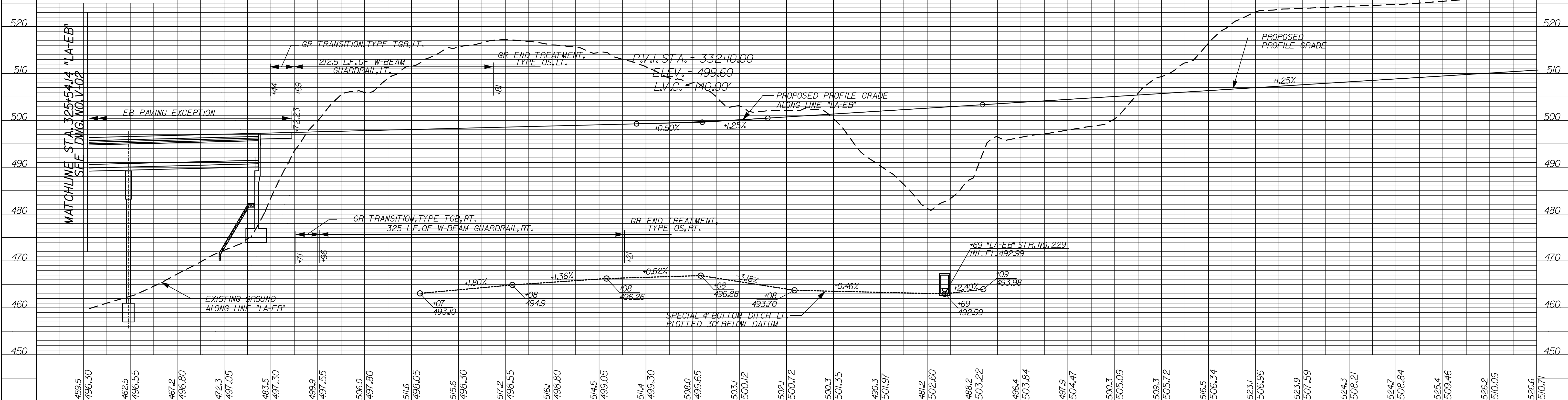


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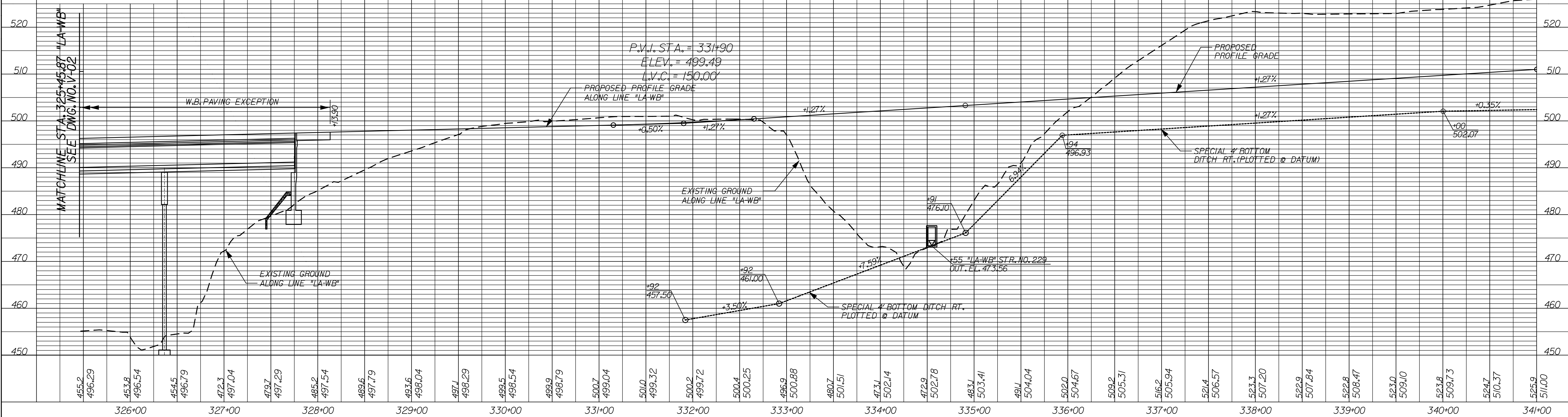
RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION PLAN SHEET STA. 325+54.14 TO 335+08.92 "LA-EB" STA. 325+45.87 TO 334+90.92 "LA-WB"		HORIZONTAL SCALE 1" = 50'		BRIDGE FILE X	
DESIGNED: JLC	DRAWN: JMM	CHECKED: JMM	CHECKED: JLC			VERTICAL SCALE		DESIGNATION 0810243	
				SURVEY BOOK		DWG. NO. PN-03		SHEET NO. 13 of 43	
				CONTRACT		PROJECT 0810243			

NOTES:
 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
 LINES "LA-EB" AND "LA-WB" TO BE CONSTRUCTED.

EASTBOUND LANES



WESTBOUND LANES



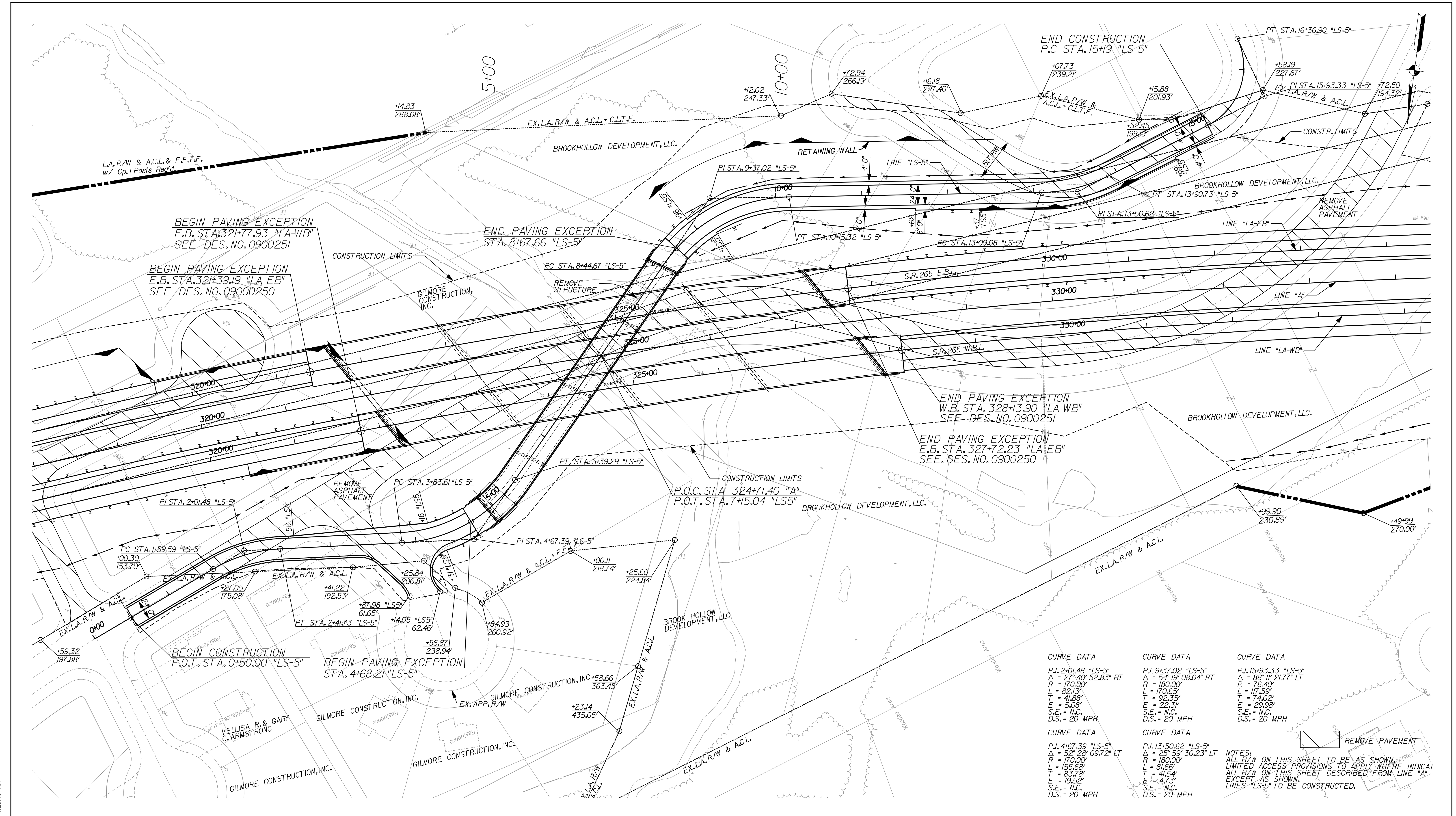
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RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: JLC	DRAWN: JMM		
CHECKED: JMM	CHECKED: JLC		

INDIANA
DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
STA. 325+54.14 TO 335+08.92 "LA-EB"
STA. 325+45.87 TO 334+90.92 "LA-WB"

HORIZONTAL SCALE 1" = 50'		BRIDGE FILE	
VERTICAL SCALE 1" = 10'		DESIGNATION 0810243	
SURVEY BOOK	DWG. NO. V-03	SHEET NO. 14 of 43	
CONTRACT		PROJECT 0810243	



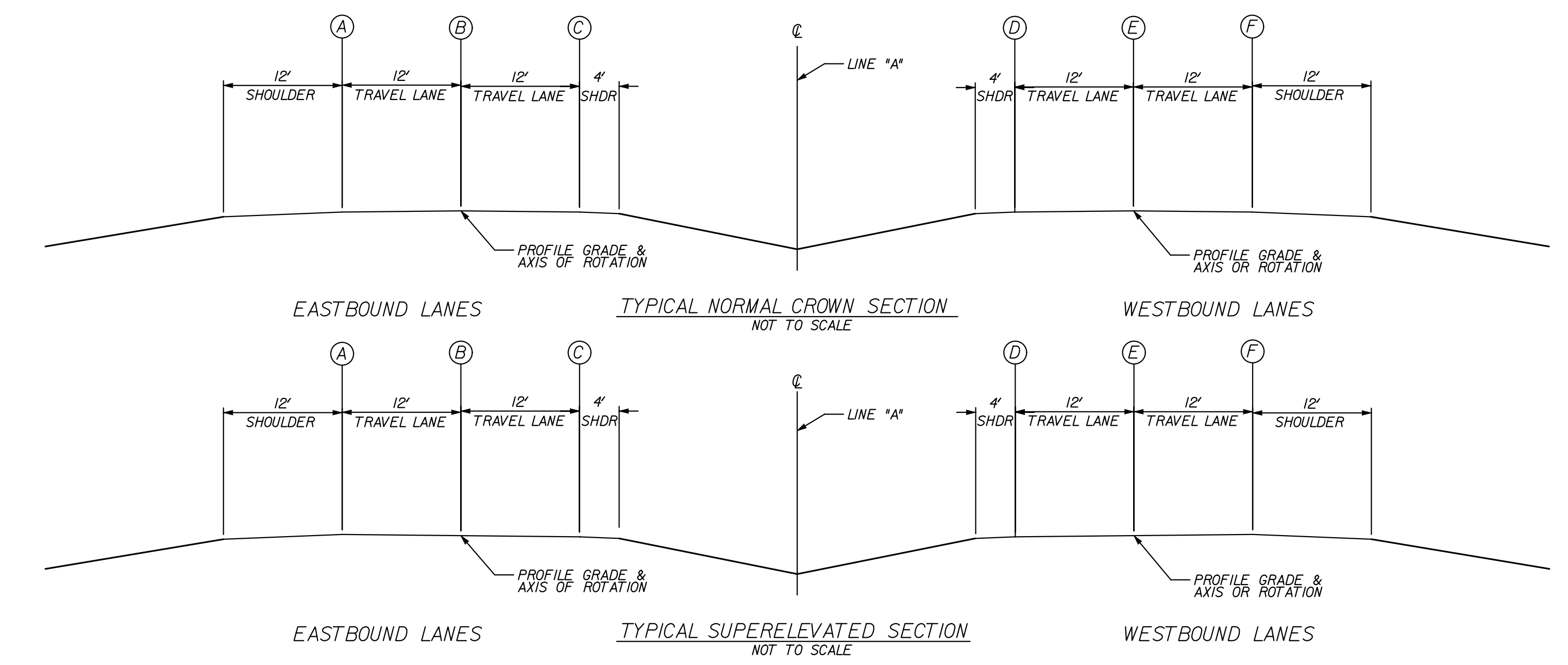
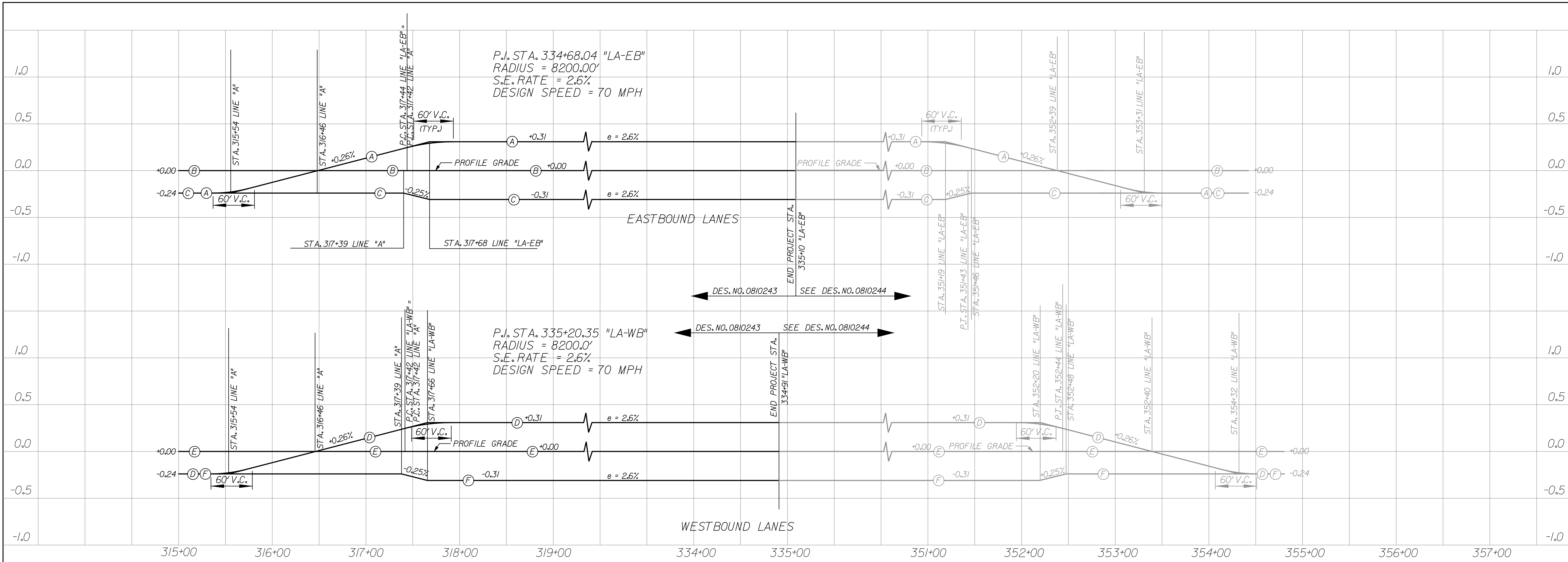
CURVE DATA	CURVE DATA	CURVE DATA
P.I. 2+01.48 "LS-5" Δ = 27° 40' 52.83" RT R = 170.00' L = 82.13' T = 41.88' E = 5.08' S.E. = N.C. D.S. = 20 MPH	P.I. 9+37.02 "LS-5" Δ = 54° 19' 08.04" RT R = 180.00' L = 170.65' T = 92.35' E = 22.31' S.E. = N.C. D.S. = 20 MPH	P.I. 15+93.33 "LS-5" Δ = 88° 11' 21.77" LT R = 76.40' L = 117.59' T = 74.02' E = 29.98' S.E. = N.C. D.S. = 20 MPH
P.I. 4+67.39 "LS-5" Δ = 52° 28' 09.72" LT R = 170.00' L = 155.68' T = 83.78' E = 19.52' S.E. = N.C. D.S. = 20 MPH	P.I. 13+50.62 "LS-5" Δ = 25° 59' 30.23" LT R = 180.00' L = 81.66' T = 41.54' E = 4.73' S.E. = N.C. D.S. = 20 MPH	

NOTES:
 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.
 LINES "LS-5" TO BE CONSTRUCTED.



12/21/2011 11:25:46 AM
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RECOMMENDED FOR APPROVAL _____		INDIANA DEPARTMENT OF TRANSPORTATION PLAN SHEET LINE "LS-5" (BROOKHOLLOW WAY) STA. 0+00.00 TO STA. 15+75.00	HORIZONTAL SCALE 1" = 50'	BRIDGE FILE X
DESIGNED: AMH	DRAWN: AMH		VERTICAL SCALE	DESIGNATION 0810243
CHECKED: JLC	CHECKED: JLC		SURVEY BOOK	DWG. NO. SHEET NO. PW-04 15 of 43
			CONTRACT	PROJECT 0810243



RECOMMENDED FOR APPROVAL _____	
DESIGNED: JLC	DRAWN: JMM
CHECKED: JMM	CHECKED: JLC

INDIANA
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DIAGRAM
LINE "A"

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE X	
VERTICAL SCALE 1" = 0.5'	DESIGNATION 0810243	
SURVEY BOOK	DWG. NO. SE-01	SHEET NO. 17 of 43
CONTRACT	PROJECT 0810243	

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