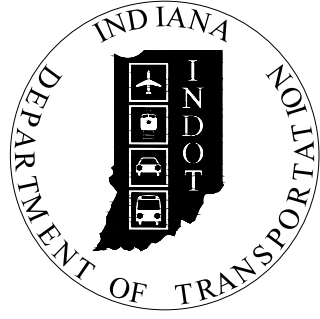


PROJECT	DESIGNATION
1900333	1900333
CONTRACT	BRIDGE FILE
R-42243	T.B.D.

INDIANA DEPARTMENT OF TRANSPORTATION



BRIDGE PLANS

FOR SPANS OVER 20 FEET

ROUTE: S.R. 26 AT: RP 28+10

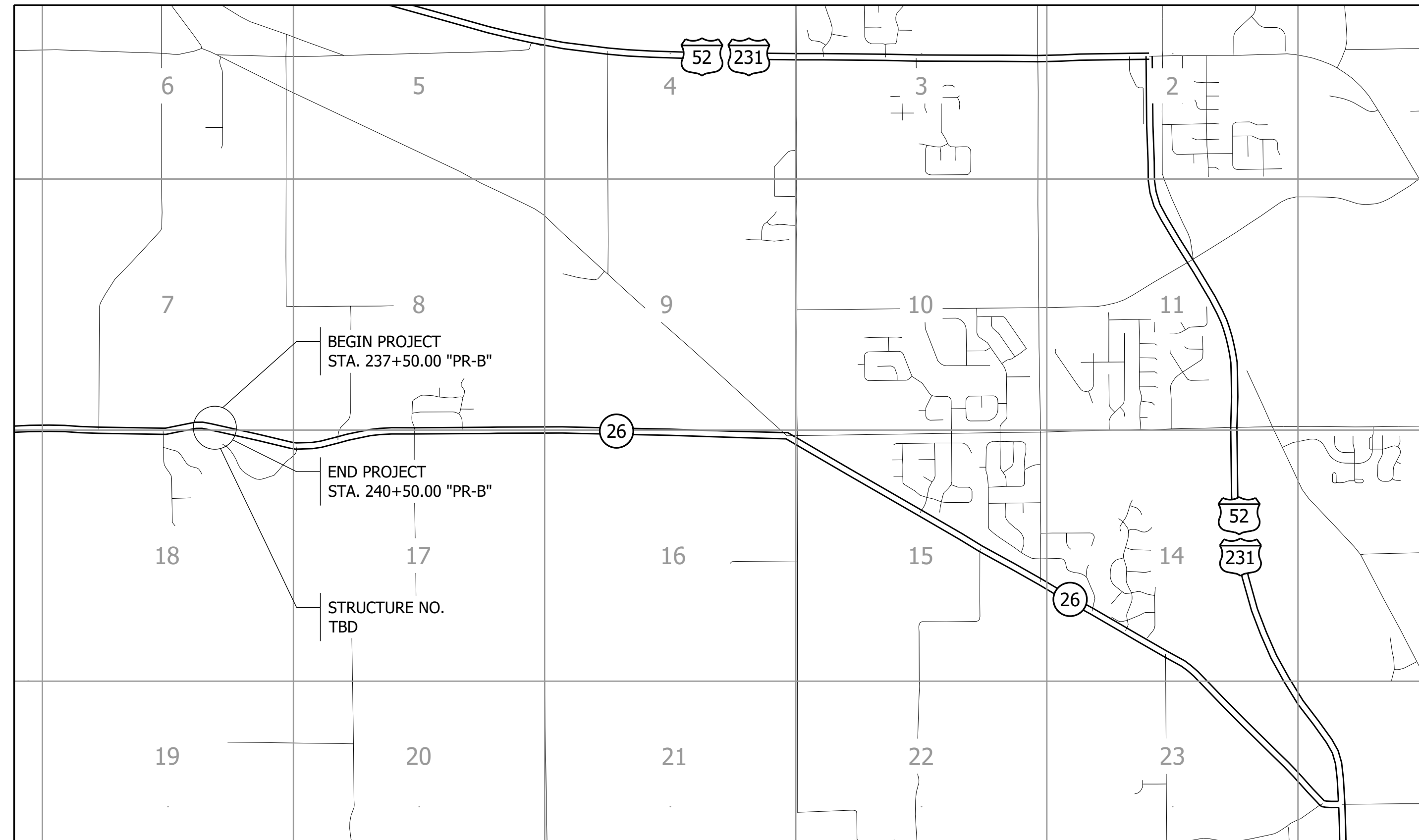
PROJECT NO. 1900333 P.E.
1900333 R/W
1900333 CONST.

SMALL STRUCTURE REPLACEMENT WITH BRIDGE ON S.R. 26 OVER GOOSE CREEK, APPROXIMATELY 4.98 MILES WEST OF U.S. 52/U.S. 231, LOCATED IN SECTIONS 7 AND 18, T-23-N, R-5-W, SHELBY TOWNSHIP, TIPPECANOE COUNTY, INDIANA.

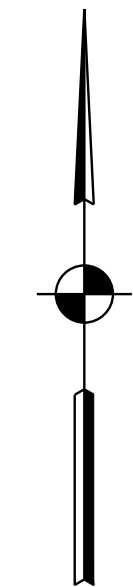
STRUCTURE INFORMATION				
STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
T.B.D.	PRECAST REINFORCED CONCRETE THREE-SIDED STRUCTURE	1 SPAN @ 22'-0" SKEW: 11°00'00"	GOOSE CREEK	STRUCTURE 239+00.00 "PR-B"

CULVERT ASSETS	
DES. NO.	CULVERT ASSET ID
1900333	CV 026-079-28.10

KIN PROJECT INFORMATION	
DESIGNATION	PROJECT DESCRIPTION
1900301	SMALL STRUCTURE PIPE LINING ON U.S. 41 OVER UNT TO MUD CREEK, 1.62 MILES SOUTH OF S.R. 18.
1900322	SMALL STRUCTURE REPLACEMENT ON S.R. 18 OVER UNT TO GREENWOOD DITCH, 6.08 MILES EAST OF U.S. 52.
1900333 (LEAD)	SMALL STRUCTURE REPLACEMENT WITH BRIDGE ON S.R. 26 OVER GOOSE CREEK, 4.98 MILES WEST OF U.S. 52/U.S. 231.



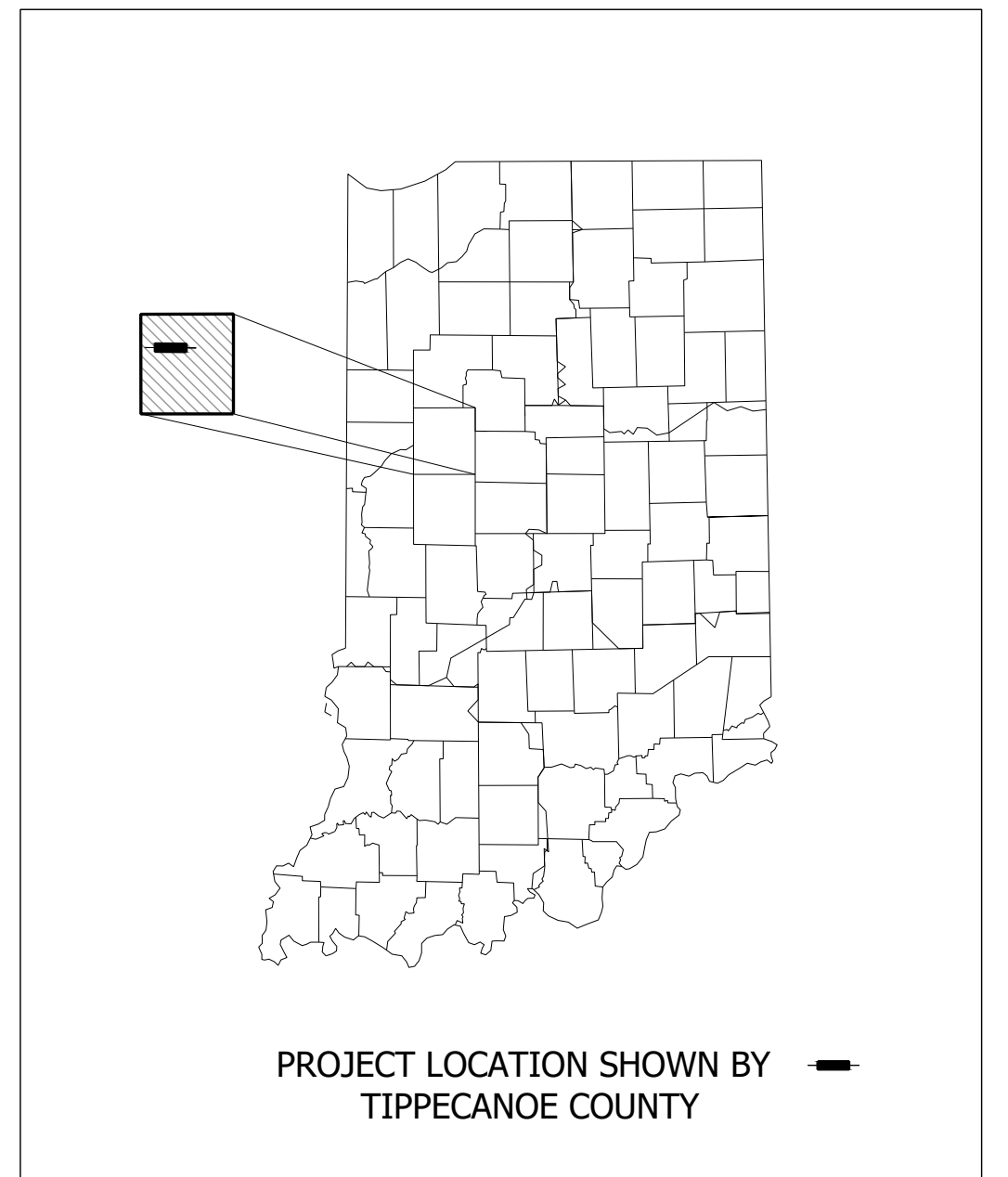
STAGE 2 PLANS
JULY 2022



SCALE:
1" = 2000'

TRAFFIC DATA	S.R. 26
A.A.D.T. (2024)	2,290 V.P.D.
A.A.D.T. (2044)	2,640 V.P.D.
D.H.V. (2044)	264 V.P.H.
DIRECTIONAL DISTRIBUTION	50%
TRUCKS	13.8% D.H.V. 16.6% A.A.D.T.

DESIGN DATA	
DESIGN SPEED	60 M.P.H.
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	PRINCIPAL ARTERIAL
RURAL/URBAN	RURAL
TERRAIN	ROLLING
ACCESS CONTROL	NONE



LATITUDE: 40°26'46" N LONGITUDE: 87°01'27" W

BRIDGE LENGTH:	0.004	MI.
ROADWAY LENGTH:	0.053	MI.
TOTAL LENGTH:	0.057	MI.
MAX. GRADE:	4.09	%

H.U.C. 051201080501



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

PRELIMINARY	PLANS PREPARED BY: CORRADINO, LLC	317-488-2363 PHONE NUMBER	BRIDGE FILE
	CERTIFIED BY: _____	DATE	T.B.D.
	APPROVED FOR LETTING: _____	DATE	DESIGNATION
	INDIANA DEPARTMENT OF TRANSPORTATION	DATE	1900333
			SHEET
			1 of 23
			PROJECT
			1900333
			CONTRACT
			R-42243

UTILITIES

ELECTRIC:

TIPMONT R.E.M.C.
 JOSH GERMOND
 P.O. BOX 20
 LINDEN, INDIANA 47955
 765-426-6170

COMMUNICATIONS:

TIPMONT R.E.M.C., FIBER
 JOSH GERMOND
 P.O. BOX 20
 LINDEN, INDIANA 47955
 765-426-6170

GENERAL NOTES

1. ALL EARTHEN SHOULDERS, MEDIAN AREAS, AND CUT AND FILL SLOPES SHALL BE PLAIN OR MULCH SEEDED EXCEPT WHERE SODDING IS SPECIFIED.

INDEX

SHEET NO.	DESIGNATION
1	TITLE
2	INDEX AND GENERAL NOTES
3 - 4	TYPICAL SECTIONS
5	PLAT NO. 1
6 - 8	MAINTENANCE OF TRAFFIC
9	PLAN AND PROFILE - LINE "PR-B"
10	PLAN AND PROFILE - LINE "ACCESS ROAD"
11	SUPERELEVATION DIAGRAM
12	GENERAL PLAN
13	SUMMARY TABLES
14 - 23	CROSS SECTIONS

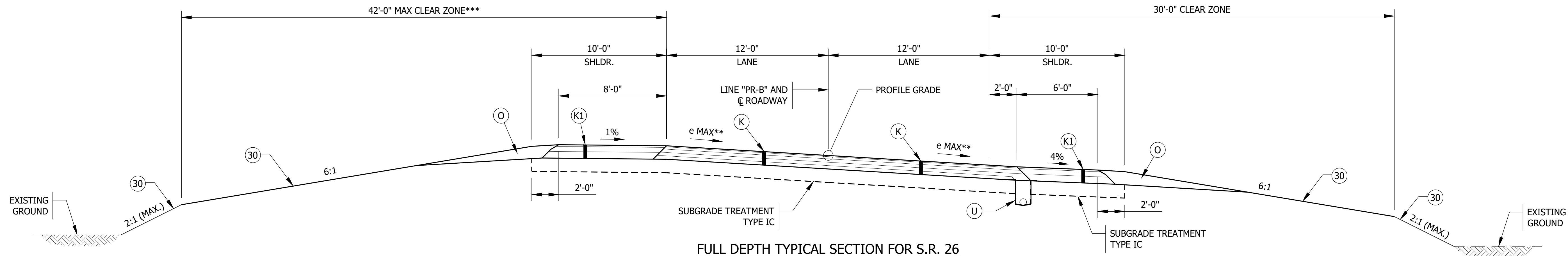


REVISIONS

SHEET NO.	DATE	REVISED

File Name: F:\4590 - INDOT Crawfordsville (11)\J-19000333_SFR26150 Plans\30 Sheet Drawings\10 Design Sheets\INDEX-01.dwg - Layout1
 Modified / By: July 19, 2022 11:04:06 AM / sjohnson
 Plotted / By: July 21, 2022 8:41:19 AM / Zed Holt

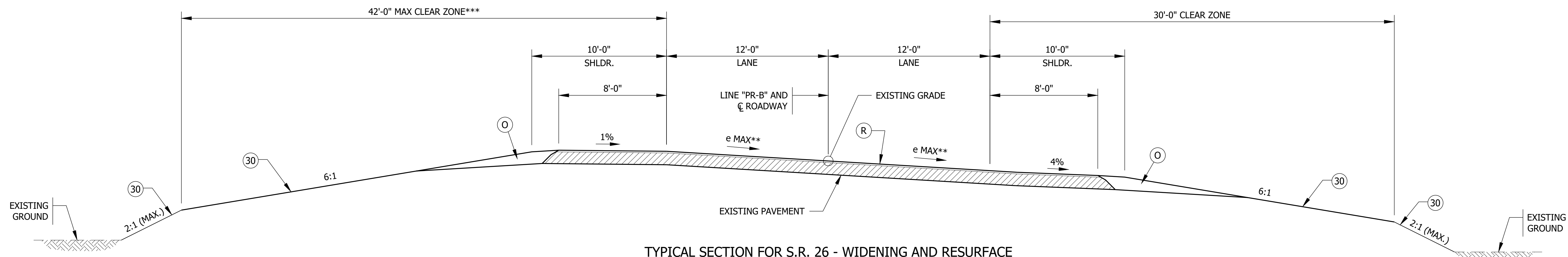
PRELIMINARY	RECOMMENDED FOR APPROVAL _____	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE N/A	BRIDGE FILE T.B.D.
	DESIGNED: <u>BJM</u> DRAWN: <u>SEJ</u>		VERTICAL SCALE	DESIGNATION 1900333
	CHECKED: <u>ZZH</u> CHECKED: <u>BJM</u>	INDEX AND GENERAL NOTES	SHEET 2 of 23	PROJECT 1900333
	CONTRACT R-42243			



FULL DEPTH TYPICAL SECTION FOR S.R. 26

STA. 237+50.00 "PR-B" TO STA. 240+50.00 "PR-B"

** SEE SUPERELEVATION DIAGRAM FOR SUPERELEVATION TRANSITION STATION RANGES
e MAX = 8.0%
SCALE: 1/4" = 1'-0"



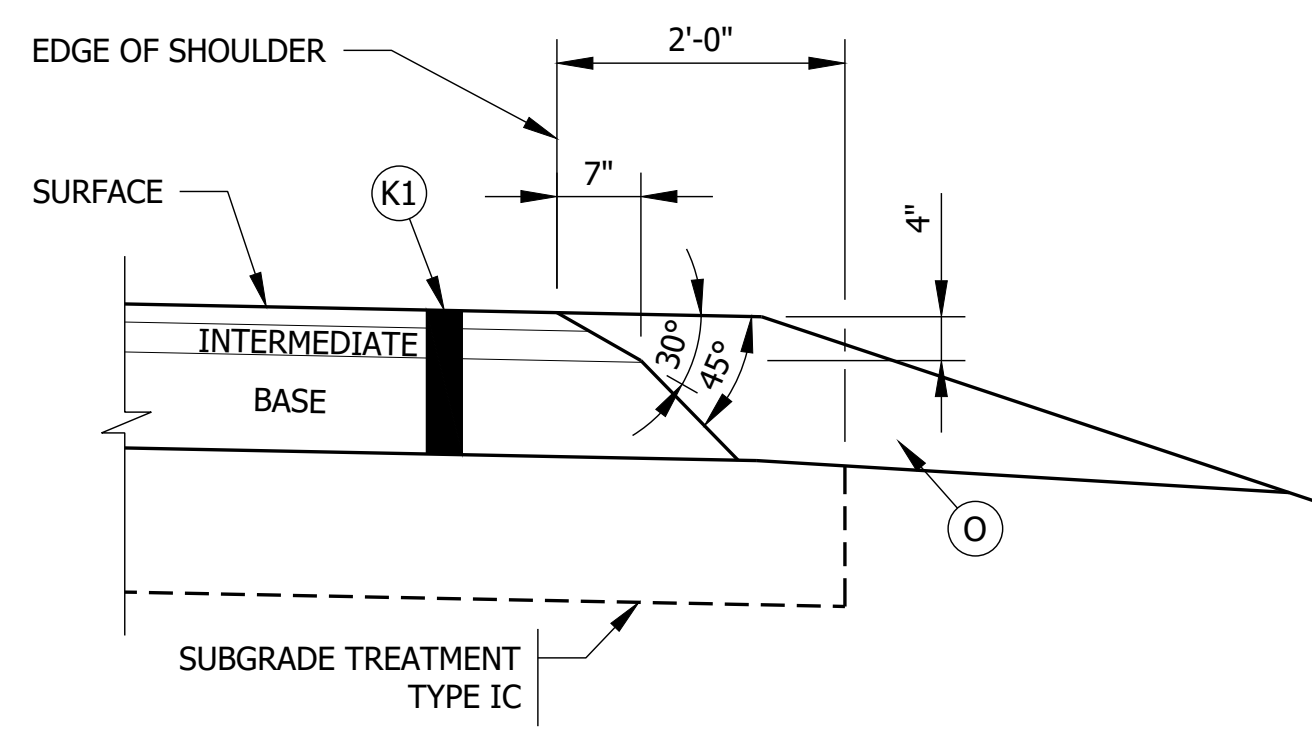
TYPICAL SECTION FOR S.R. 26 - WIDENING AND RESURFACE

STA. 237+00.00 "PR-B" TO STA. 237+50.00 "PR-B"
STA. 240+50.00 "PR-B" TO STA. 241+00.00 "PR-B"

** SEE SUPERELEVATION DIAGRAM FOR SUPERELEVATION TRANSITION STATION RANGES
e MAX = 8.0%
SCALE: 1/4" = 1'-0"

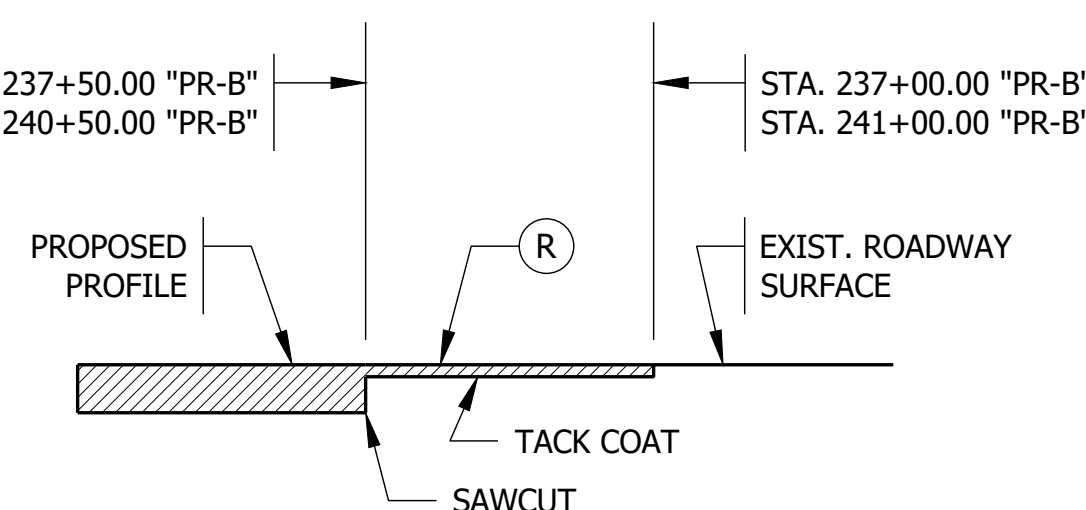
LEGEND

- (K) 110 LBS/SYD QC/QA HMA, 2, 64, SURFACE, 9.5MM ON
220 LBS/SYD QC/QA HMA, 2, 64, INTERMEDIATE, 19.0MM ON
330 LBS/SYD QC/QA HMA, 2, 64, BASE, 25.0MM ON
300 LBS/SYD QC/QA HMA, 3, 76, INTERMEDIATE OG, 19.0MM ON
3" COMPACTED AGGREGATE, NO. 53
- (K1) 165 LBS/SYD QC/QA HMA, 2, 64, SURFACE, 9.5MM ON
495 LBS/SYD QC/QA HMA, 2, 64, BASE, 25.0MM ON
6" COMPACTED AGGREGATE, NO. 53
- TACK COAT TO BE PLACED BETWEEN HMA LAYERS. JOINT ADHESIVE TO BE INSTALLED AT ALL LONGITUDINAL JOINTS IN THE SURFACE AND INTERMEDIATE LAYER. LIQUID ASPHALT SEALANT TO BE PLACED CENTERED ON THE LONGITUDINAL JOINTS THAT HAVE JOINT ADHESIVE INSTALLED.
- (O) 12" COMPACTED AGGREGATE, NO. 53
- (30) SEED MIX R WITH EROSION CONTROL BLANKET
- (R) 165 LBS/SYD QC/QA HMA, 2, 64, SURFACE, 9.5MM ON
MILLING, ASPHALT, 1.5"
- (N) 8" COMPACTED AGGREGATE, NO. 53
- (U) 6" UNDERDRAIN



SAFETY EDGE ON HMA PAVEMENT

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



ASPHALT WEDGE DETAIL

NOT TO SCALE

PRELIMINARY

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BJM	DRAWN: SEJ	
CHECKED: ZZH	CHECKED: BJM	

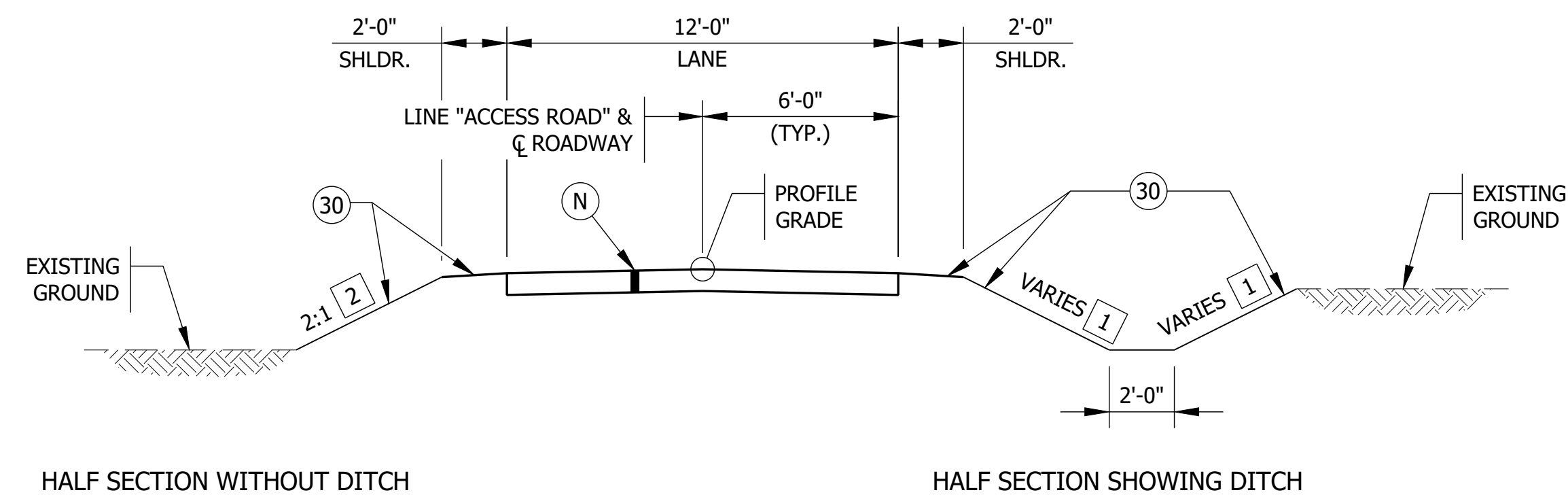
INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	T.B.D.
VERTICAL SCALE	DESIGNATION
	1900333
	SHEET
	3 of 23
CONTRACT	PROJECT
R-42243	1900333

*** CLEAR ZONE VARIES: 42'-0" AT STA. 236+46.00 "PR-B" TO 30'-0" STA. 238+28.00 "PR-B"

F:\4590 - INDOT Crawfordsville (11)\J-1900333_S\SR26150 Plans\30 Sheet Drawings\10 Design Sheets\S-TYP-SEC-01.dwg - Layout2
 July 19, 2022 11:55:07 AM / sjohnson
 July 21, 2022 8:41:26 AM / Zed Holt

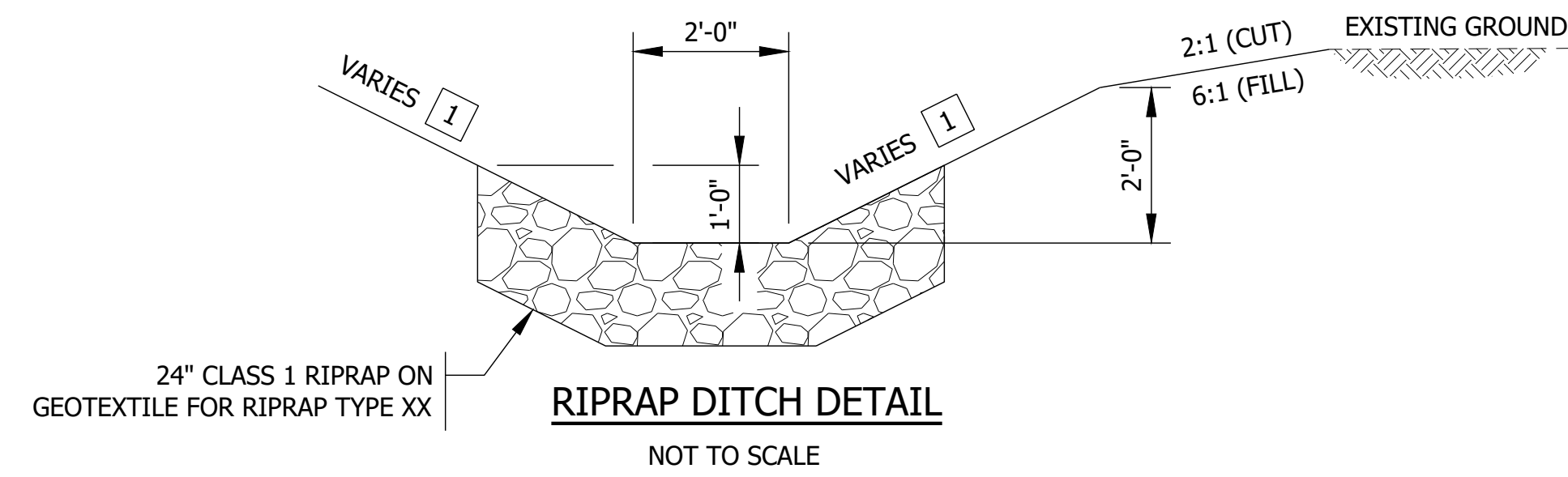


TYPICAL SECTION FOR ACCESS ROAD
 STA. 0+00.00 "ACCESS ROAD" TO STA. 8+90.00 "ACCESS ROAD"
 SCALE: 1/4" = 1'-0"

- 1** SIDESLOPES VARY AS SHOWN BELOW:
- RIGHT:
 3:1 STA. 0+00.00 "ACCESS ROAD" TO STA. 5+00.00 "ACCESS ROAD"
 VARIES FROM 3:1 TO 2:1 STA. 5+00.00 "ACCESS ROAD" TO 5+25.00 "ACCESS ROAD"
 2:1 FROM 05+25.00 "ACCESS ROAD" TO 8+90.00 "ACCESS ROAD"
- LEFT:
 2:1 STA. 0+00.00 "ACCESS ROAD" TO STA. 8+90.00 "ACCESS ROAD"
- 2** FILL SLOPE SHOWN.
CUT SLOPE SIMILAR.

LEGEND

- (K)** 110 LBS/SYD QC/QA HMA, 2, 64, SURFACE, 9.5MM ON
220 LBS/SYD QC/QA HMA, 2, 64, INTERMEDIATE, 19.0MM ON
330 LBS/SYD QC/QA HMA, 2, 64, BASE, 25.0MM ON
300 LBS/SYD QC/QA HMA, 3, 76, INTERMEDIATE OG, 19.0MM ON
3" COMPACTED AGGREGATE, NO. 53
- (K1)** 165 LBS/SYD QC/QA HMA, 2, 64, SURFACE, 9.5MM ON
495 LBS/SYD QC/QA HMA, 2, 64, BASE, 25.0MM ON
6" COMPACTED AGGREGATE, NO. 53
- TACK COAT TO BE PLACED BETWEEN HMA LAYERS. JOINT ADHESIVE TO BE INSTALLED AT ALL LONGITUDINAL JOINTS IN THE SURFACE AND INTERMEDIATE LAYER. LIQUID ASPHALT SEALANT TO BE PLACED CENTERED ON THE LONGITUDINAL JOINTS THAT HAVE JOINT ADHESIVE INSTALLED.
- (O)** 12" COMPACTED AGGREGATE, NO. 53
- (30)** SEED MIX R WITH EROSION CONTROL BLANKET
- (R)** 165 LBS/SYD QC/QA HMA, 2, 64, SURFACE, 9.5MM ON MILLING, ASPHALT, 1.5"
- (N)** 8" COMPACTED AGGREGATE, NO. 53
- (U)** 6" UNDERDRAIN

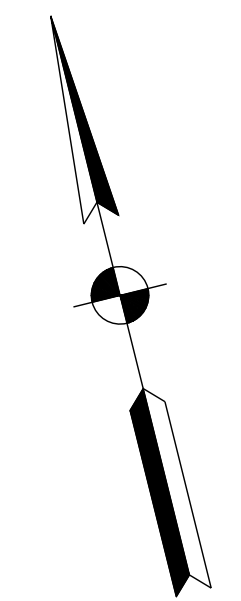


PRELIMINARY	RECOMMENDED FOR APPROVAL _____	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: <u>BJM</u> DRAWN: <u>SEJ</u>		AS NOTED	T.B.D.
	CHECKED: <u>ZZH</u> CHECKED: <u>BJM</u>	TYPICAL SECTIONS	VERTICAL SCALE	DESIGNATION
				1900333
			SHEET	4 of 23
			CONTRACT	PROJECT
			R-42243	1900333

223+00 224+00 225+00 226+00 227+00 228+00 229+00 230+00 231+00 232+00 233+00 234+00 235+00 236+00 237+00 238+00 239+00 240+00 241+00 242+00 243+00 244+00 245+00 246+00

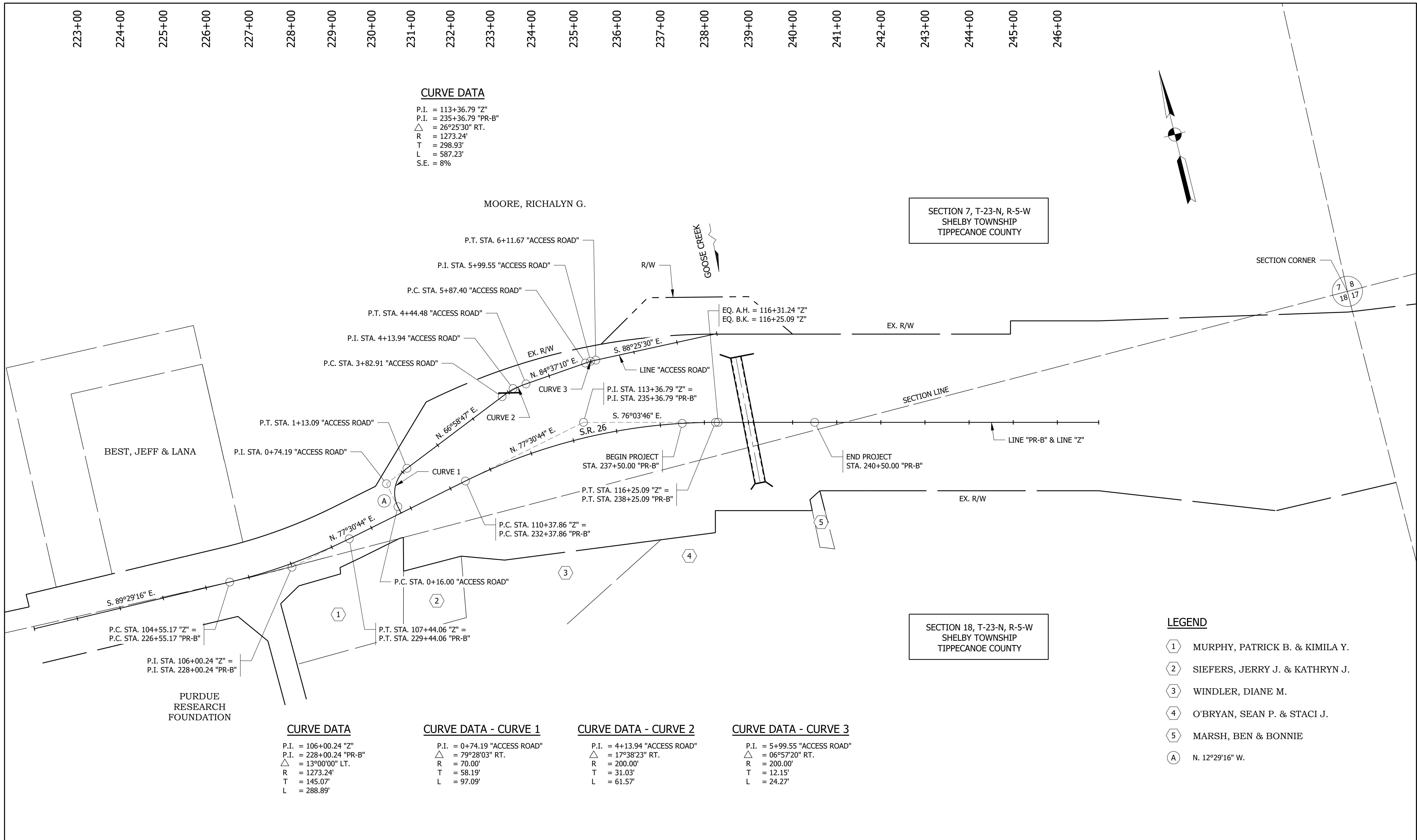
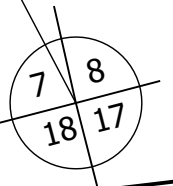
CURVE DATA

P.I. = 113+36.79 "Z"
P.I. = 235+36.79 "PR-B"
 Δ = 26°25'30" RT.
R = 1273.24'
T = 298.93'
L = 587.23'
S.E. = 8%



SECTION 7, T-23-N, R-5-W
SHELBY TOWNSHIP
TIPPECANOE COUNTY

SECTION CORNER



SECTION 18, T-23-N, R-5-W
SHELBY TOWNSHIP
TIPPECANOE COUNTY

LEGEND

- ① MURPHY, PATRICK B. & KIMILA Y.
- ② SIEFERS, JERRY J. & KATHRYN J.
- ③ WINDLER, DIANE M.
- ④ O'BRYAN, SEAN P. & STACI J.
- ⑤ MARSH, BEN & BONNIE
- Ⓐ N. 12°29'16" W.

CURVE DATA

P.I. = 106+00.24 "Z"
P.I. = 228+00.24 "PR-B"
 Δ = 13°00'00" LT.
R = 1273.24'
T = 145.07'
L = 288.89'

CURVE DATA - CURVE 1

P.I. = 0+74.19 "ACCESS ROAD"
 Δ = 79°28'03" RT.
R = 70.00'
T = 58.19'
L = 97.09'

CURVE DATA - CURVE 2

P.I. = 4+13.94 "ACCESS ROAD"
 Δ = 17°38'23" RT.
R = 200.00'
T = 31.03'
L = 61.57'

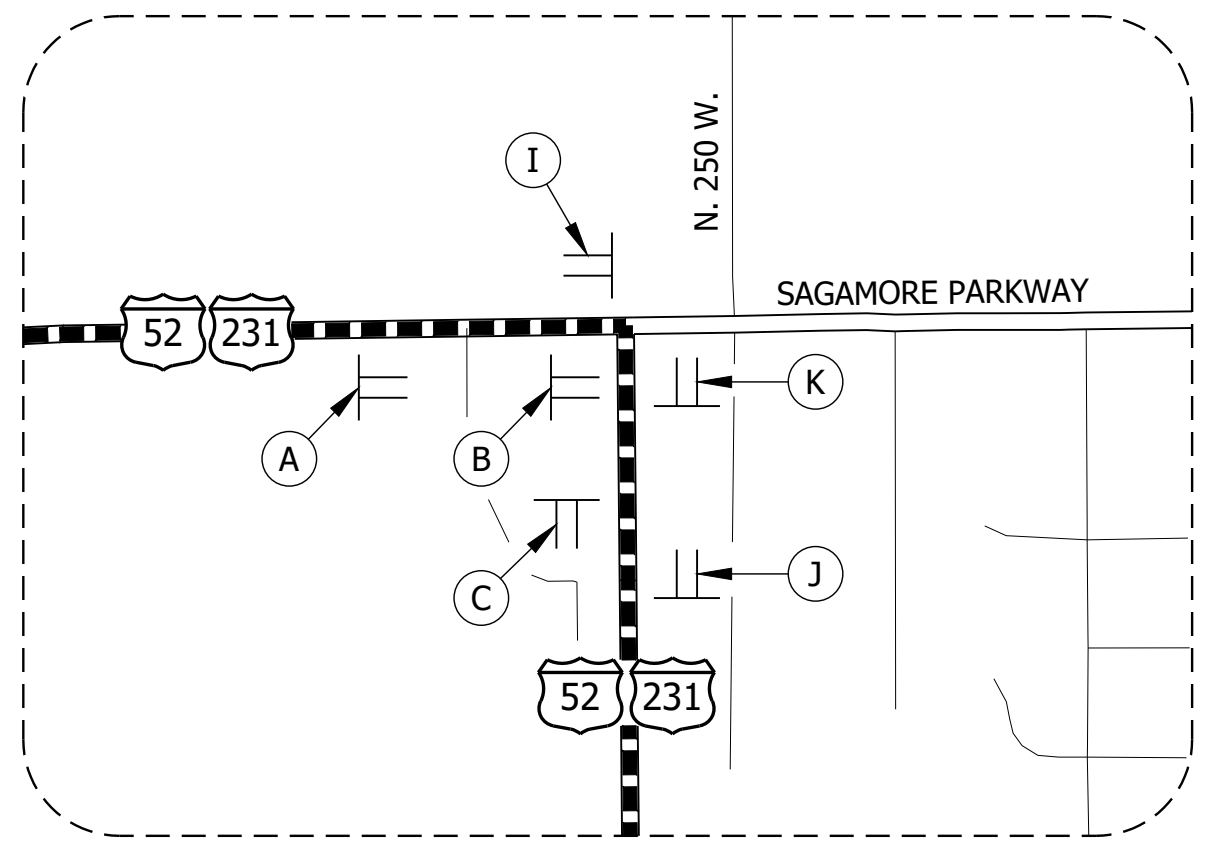
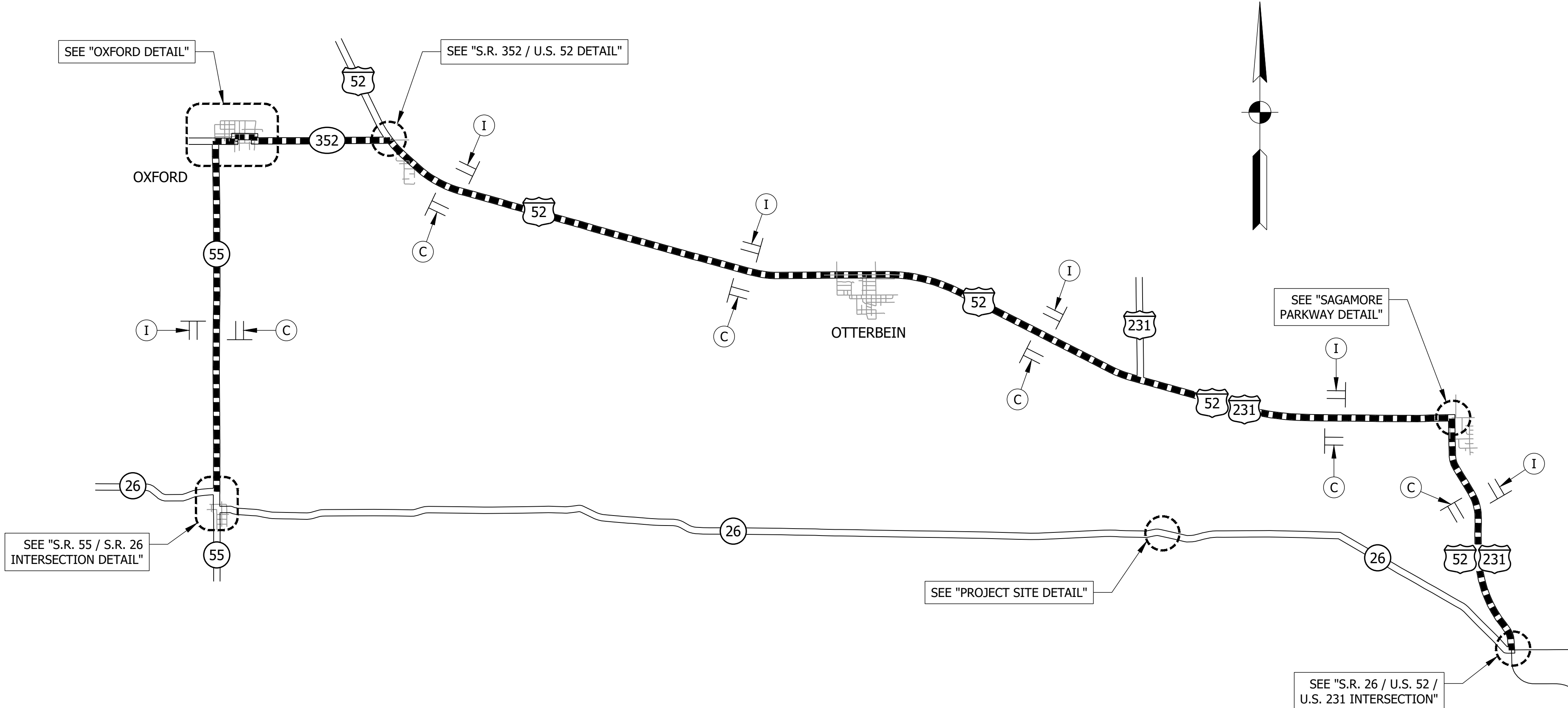
CURVE DATA - CURVE 3

P.I. = 5+99.55 "ACCESS ROAD"
 Δ = 06°57'20" RT.
R = 200.00'
T = 12.15'
L = 24.27'

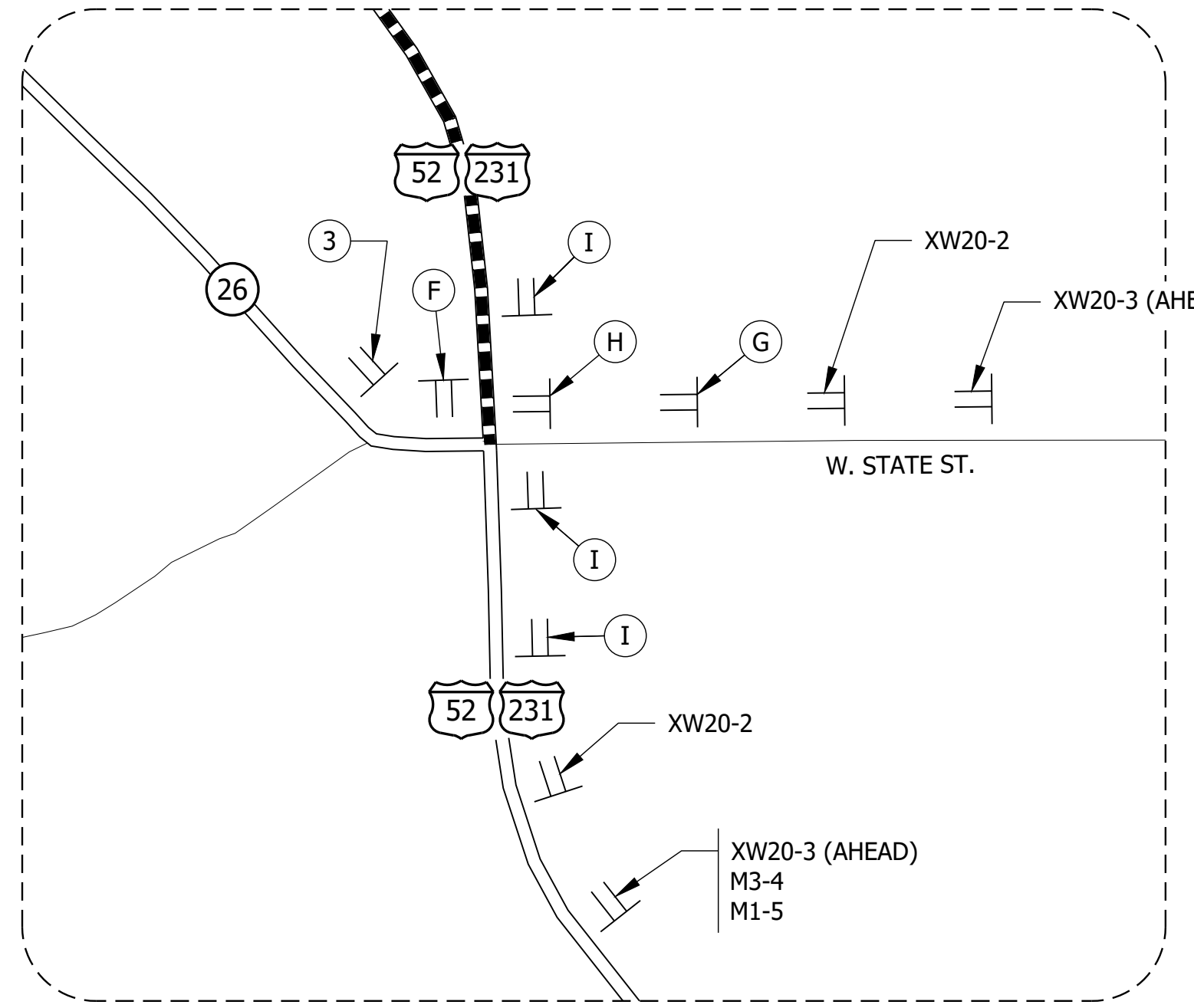
F:\4590 - INDOT Crawfordsville (11)\J-1900333_S\SR26150 Plans\30 Sheet Drawings\10 Design Sheets\S-PLAT-01.dwg - Layout1
July 19, 2022 12:12:33 PM / sjohnson
July 21, 2022 8:41:34 AM / Zed Holt

File Name:
Modified / By:
Plotted / By:

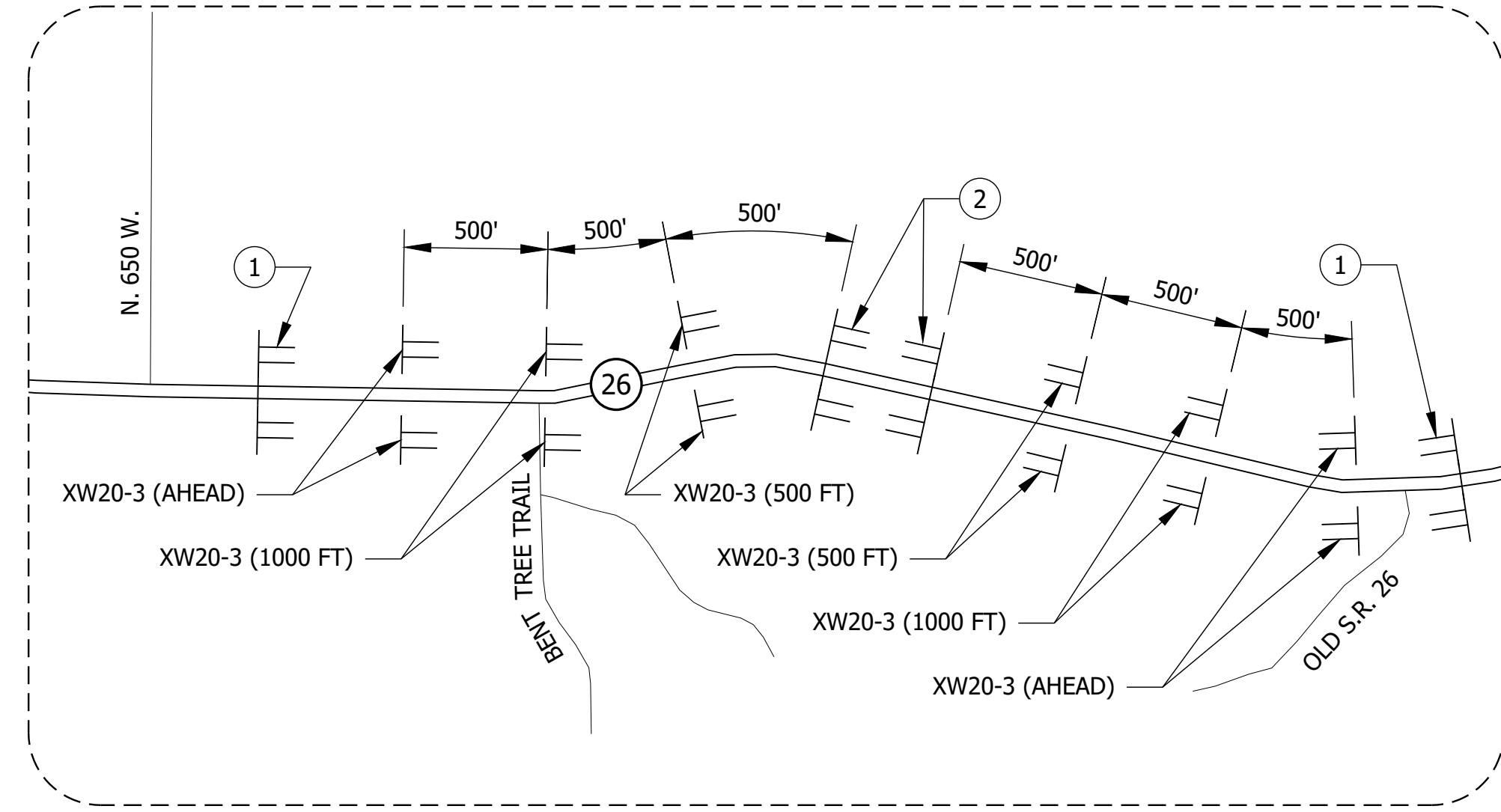
PRELIMINARY	RECOMMENDED FOR APPROVAL _____	INDIANA DEPARTMENT OF TRANSPORTATION PLAT NO. 1	HORIZONTAL SCALE 1" = 100'	BRIDGE FILE T.B.D.
	DESIGNED: BJM DRAWN: SEJ		DESIGNATION 1900333	
	CHECKED: ZZH CHECKED: BJM		SHEET 5 of 23	
	DATE _____		PROJECT R-42243 1900333	



SAGAMORE PARKWAY DETAIL
NOT TO SCALE



S.R. 26/U.S. 52/U.S. 231 INTERSECTION DETAIL
NOT TO SCALE



PROJECT SITE DETAIL
NOT TO SCALE

LEGEND

- ① 48 LFT. OF TYPE III-B BARRICADES, STAGGERED WITH ROAD CLOSURE SIGN ASSEMBLY R11-4
- ② 48 LFT. OF TYPE III-A BARRICADES WITH ROAD CLOSURE SIGN ASSEMBLY R11-2
- ③ 24 LFT. OF TYPE III-B BARRICADES WITH ROAD CLOSURE SIGN ASSEMBLY R11-3A AND XM4-10 SIGN.
- DETOUR ROUTE
- TT SIGN ASSEMBLY
- TYPE B CONSTRUCTION WARNING LIGHT
- ⊕ TYPE A CONSTRUCTION WARNING LIGHT

F:\4590 - INDOT Crawfordsville (11)\J-19\030333_S.R.26150 Plans\30 Sheet Drawings\10 Design Sheets\S-MOT-DETOUR-01.dwg - Layout
 July 20, 2022 2:22:06 PM / sjohnson
 July 21, 2022 8:41:38 AM / Zed Holt

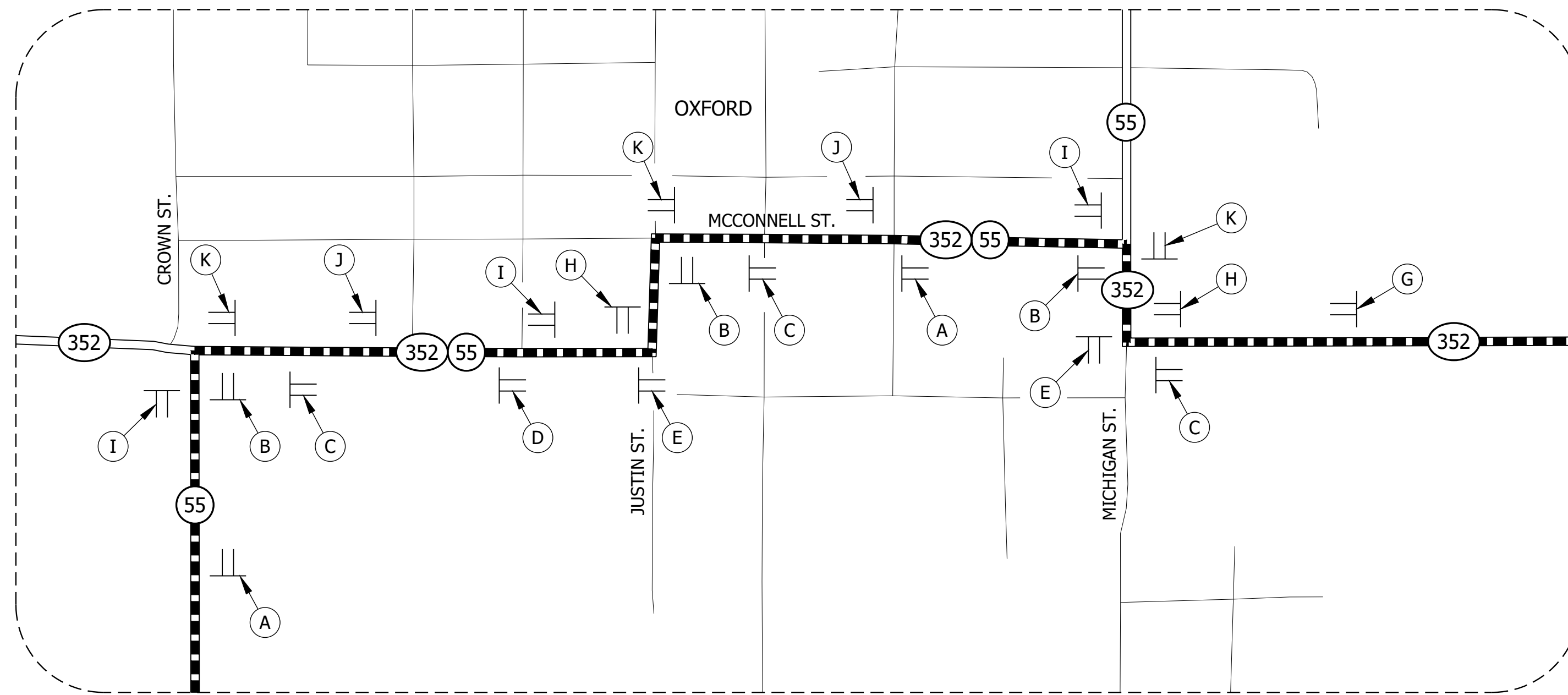
File Name:
 Modified / By:
 Plotted / By:

PRELIMINARY	RECOMMENDED FOR APPROVAL _____	
	DESIGNED: BJM	DRAWN: SEJ
	CHECKED: ZZH	CHECKED: BJM
	DATE _____	

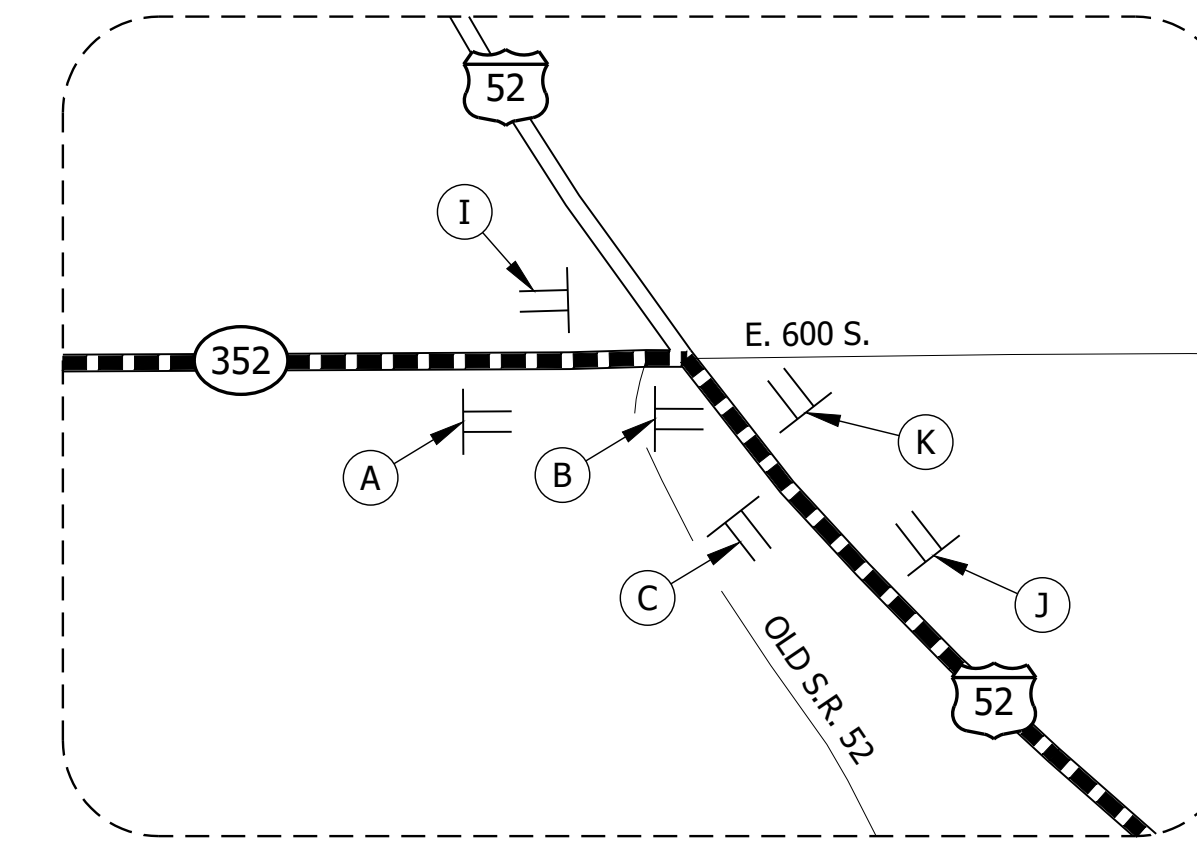
INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC

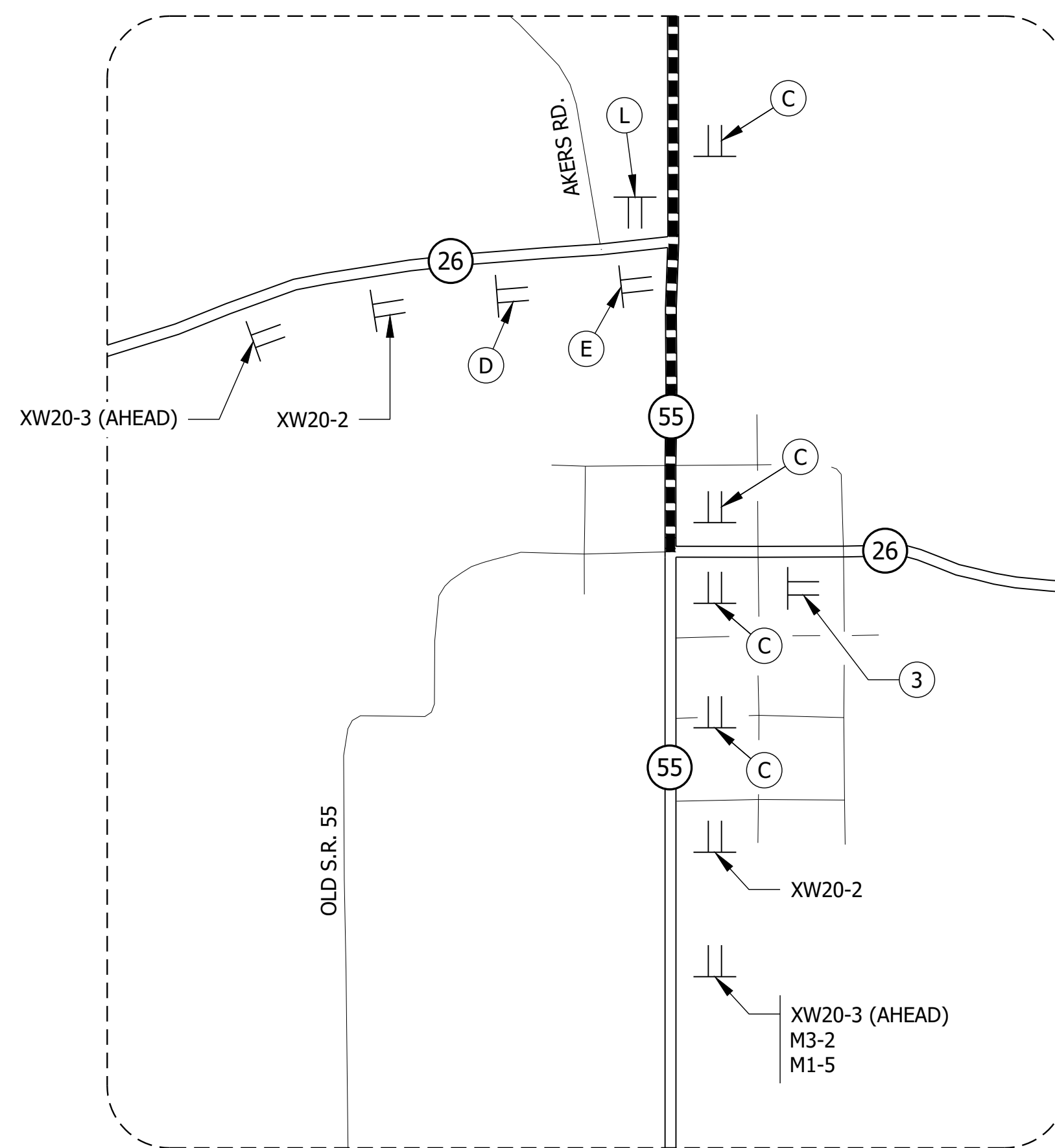
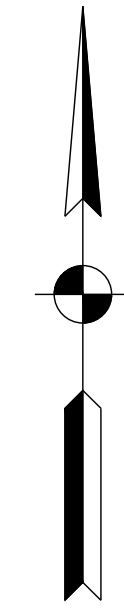
HORIZONTAL SCALE	BRIDGE FILE
1" = 5000' UNLESS NOTED	T.B.D.
VERTICAL SCALE	DESIGNATION
	1900333
	SHEET
	6 of 23
CONTRACT	PROJECT
R-42243	1900333



OXFORD DETAIL
NOT TO SCALE



S.R. 352/U.S. 52 DETAIL
NOT TO SCALE



S.R. 55/S.R. 26 INTERSECTION DETAIL
NOT TO SCALE

LEGEND

- ① 48 LFT. OF TYPE III-B BARRICADES, STAGGERED WITH ROAD CLOSURE SIGN ASSEMBLY R11-4
- ② 48 LFT. OF TYPE III-A BARRICADES WITH ROAD CLOSURE SIGN ASSEMBLY R11-2
- ③ 24 LFT. OF TYPE III-B BARRICADES WITH ROAD CLOSURE SIGN ASSEMBLY R11-3A AND XM4-10 SIGN.
- — — — — DETOUR ROUTE
- TT SIGN ASSEMBLY
- TYPE B CONSTRUCTION WARNING LIGHT
- ⊗ TYPE A CONSTRUCTION WARNING LIGHT

F:\4590 - INDOT Crawfordsville (11)\J-19\030333_S.R.26\50 Plans\30 Sheet Drawings\10 Design Sheets\S-MOT-DETOUR-01.dwg - Layout2
 July 20, 2022 2:22:06 PM / sjohnson
 July 21, 2022 8:41:41 AM / Zed Holt

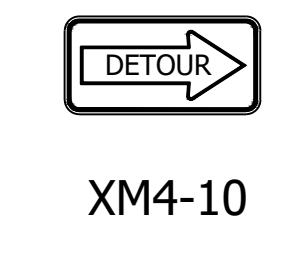
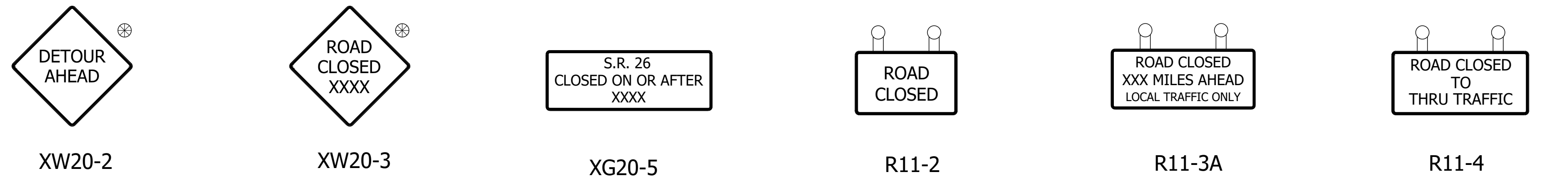
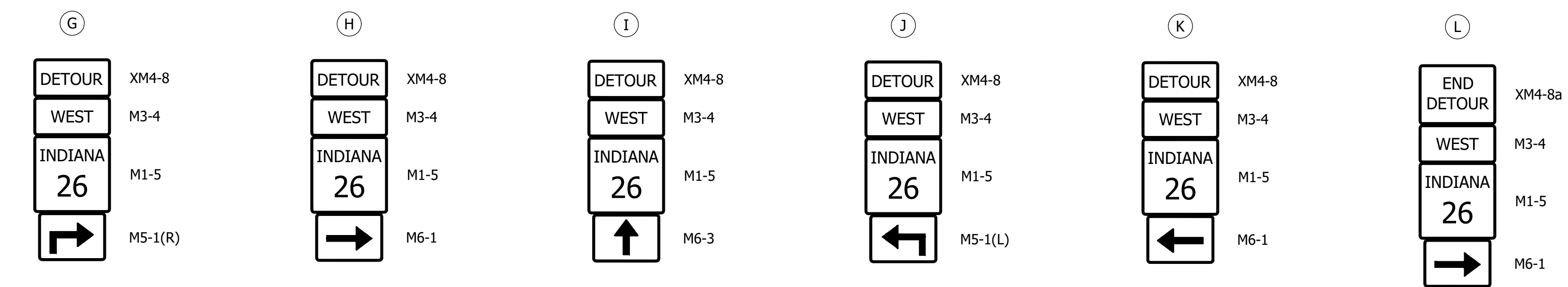
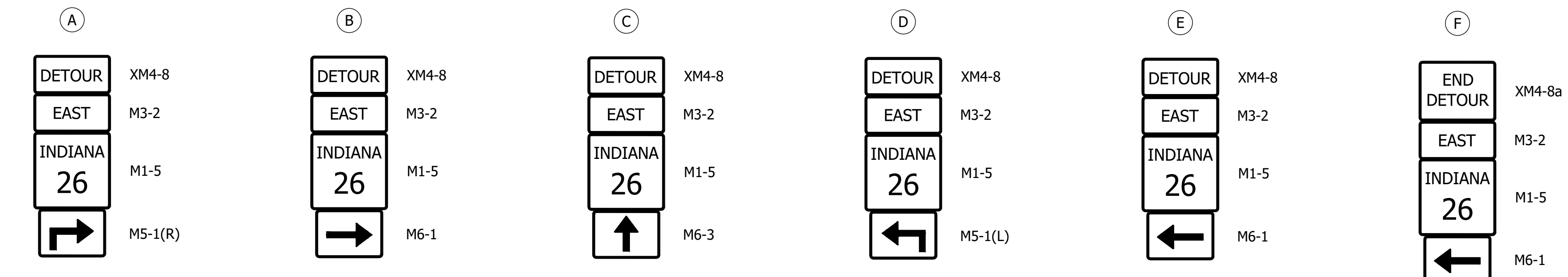
File Name:
 Modified / By:
 Plotted / By:

PRELIMINARY

RECOMMENDED FOR APPROVAL _____	
DESIGNED: BJM	DRAWN: SEJ
CHECKED: ZZH	CHECKED: BJM

INDIANA DEPARTMENT OF TRANSPORTATION	
MAINTENANCE OF TRAFFIC	

HORIZONTAL SCALE AS NOTED	BRIDGE FILE T.B.D.
VERTICAL SCALE	DESIGNATION 1900333
	SHEET 7 of 23
CONTRACT R-42243	PROJECT 1900333



CONSTRUCTION SIGN SCHEDULE

SIGN NO.	DESCRIPTION	SIZE (FT.)	TYPE	EST. QTY.
XG20-5	S.R. 26 CLOSED ON OR AFTER XX	5 X 3	A	2
XW20-2	DETOUR AHEAD	4 X 4	A	4
XW20-3	ROAD CLOSED XXXX	4 X 4	A	16
M1-5	STATE ROUTE SIGN	2.5 X 2	B	2
M3-2	CARDINAL DIRECTION (EAST)	2 X 1	B	1
M3-4	CARDINAL DIRECTION (WEST)	2 X 1	B	1
XM4-10	DETOUR (INSIDE ORANGE ARROW)	4 X 1.5	B	2
R11-2	ROAD CLOSED	4 X 2.5	-	2
R11-3A	ROAD CLOSED XX MILES	5 X 2.5	-	2
R11-4	ROAD CLOSED TO THRU TRAFFIC	5 X 2.5	-	2

DETOUR ROUTE MARKER ASSEMBLIES:	59 REQ'D	TOTAL TYPE "A" SIGNS	22
TYPE III-A BARRICADES:	96 LFT.	TOTAL TYPE "B" SIGNS	6
TYPE III-B BARRICADES:	144 LFT.	ROAD CLOSURE SIGN ASSEMBLIES	6

* DETOUR ROUTE MARKER ASSEMBLIES SHALL BE IN ACCORDANCE WITH STD. DWG. 801-TCDDT-04.

* TYPE B CONSTRUCTION WARNING LIGHTS SHALL BE USED WITH ALL SIGNS LOCATED ON BARRICADES AND AS SHOWN. TYPE A CONSTRUCTION WARNING LIGHTS SHALL BE USED ON ALL OTHER CONSTRUCTION SIGNS. (NOT PAY ITEMS.)

* TWO XG20-5 SIGNS TO BE PLACED AS DIRECTED BY THE ENGINEER.

LEGEND

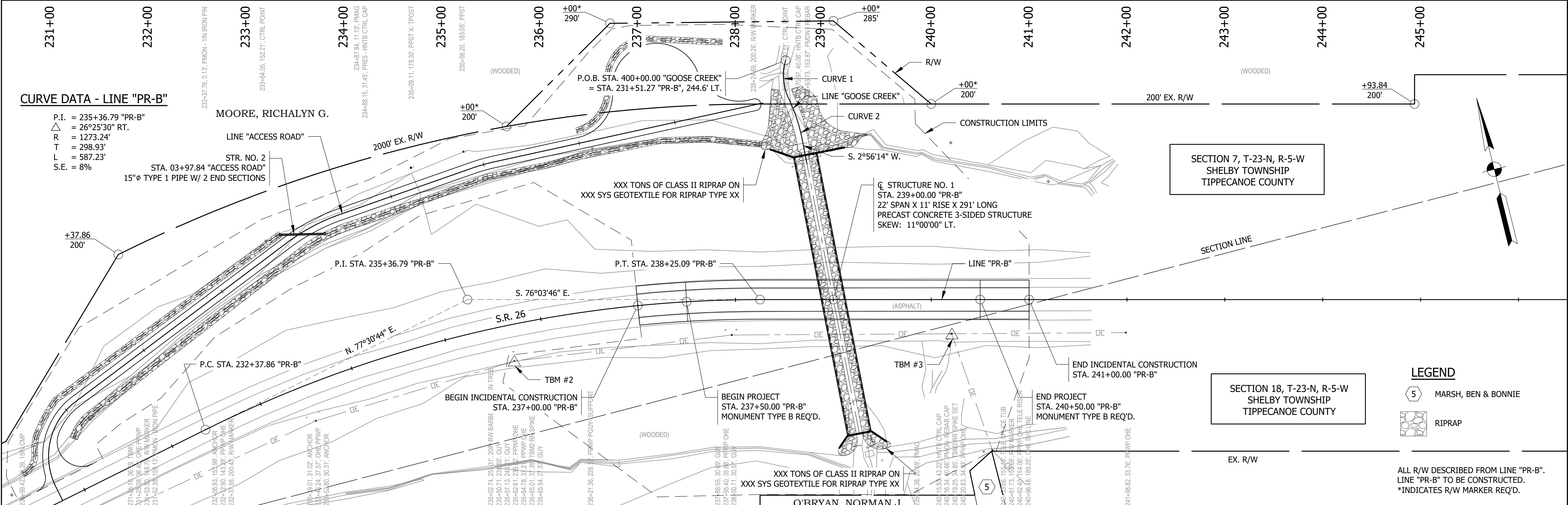
- ① 48 LFT. OF TYPE III-B BARRICADES, STAGGERED WITH ROAD CLOSURE SIGN ASSEMBLY R11-4
 - ② 48 LFT. OF TYPE III-A BARRICADES WITH ROAD CLOSURE SIGN ASSEMBLY R11-2
 - ③ 24 LFT. OF TYPE III-B BARRICADES WITH ROAD CLOSURE SIGN ASSEMBLY R11-3A AND XM4-10 SIGN.
- DETOUR ROUTE
 TT SIGN ASSEMBLY
 ○ TYPE B CONSTRUCTION WARNING LIGHT
 ⊗ TYPE A CONSTRUCTION WARNING LIGHT

File Name: F:\4590 - INDOT Crawfordsville (11)\J-19000333_SRR26150 Plans\30 Sheet Drawings\10 Design Sheets\S-MOT-DETOUR-01.dwg - Layout3
 Modified / By: July 20, 2022 2:22:06 PM / sjohnson
 Plotted / By: July 21, 2022 8:41:46 AM / Zed Holt

PRELIMINARY	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION MAINTENANCE OF TRAFFIC	HORIZONTAL SCALE NONE	BRIDGE FILE T.B.D.
	DESIGNED: BJM DRAWN: SEJ		VERTICAL SCALE	DESIGNATION 1900333
	CHECKED: ZZH CHECKED: BJM		CONTRACT R-42243	SHEET 8 of 23
			PROJECT 1900333	

CURVE DATA - LINE "PR-B"

P.I. = 235+36.79 "PR-B"
 Δ = 26°25'30" RT.
 R = 1273.24'
 T = 298.93'
 L = 587.23'
 S.E. = 8%



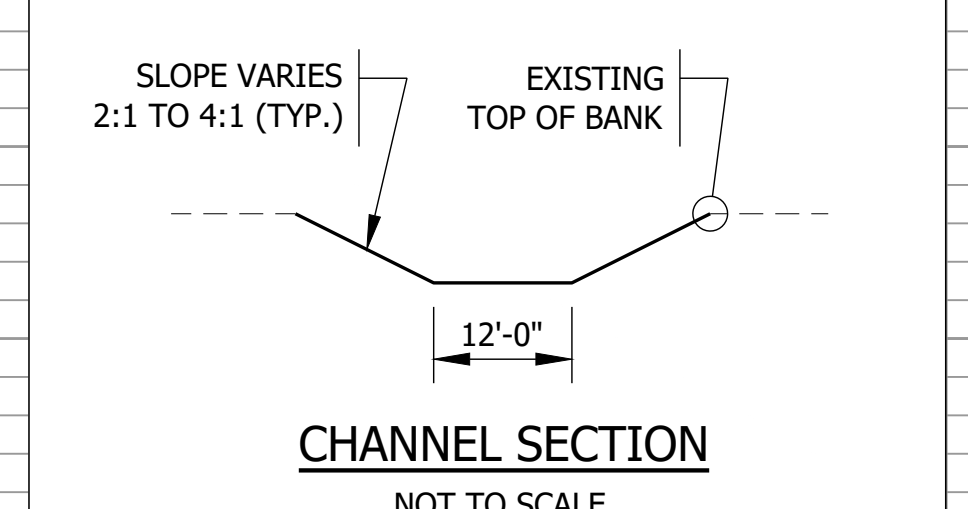
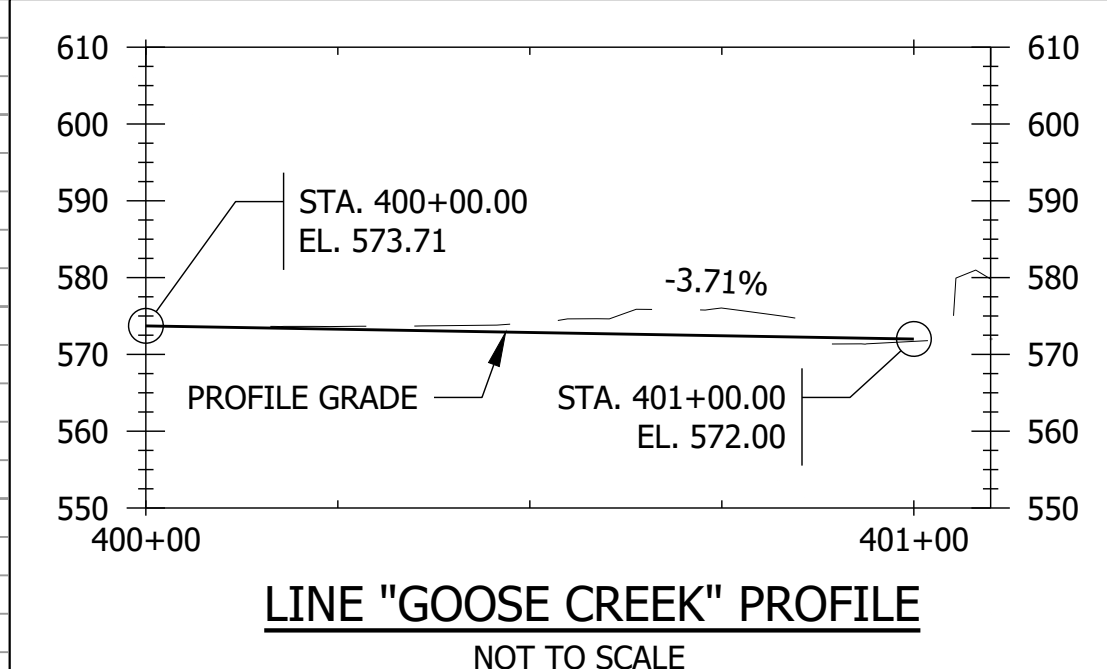
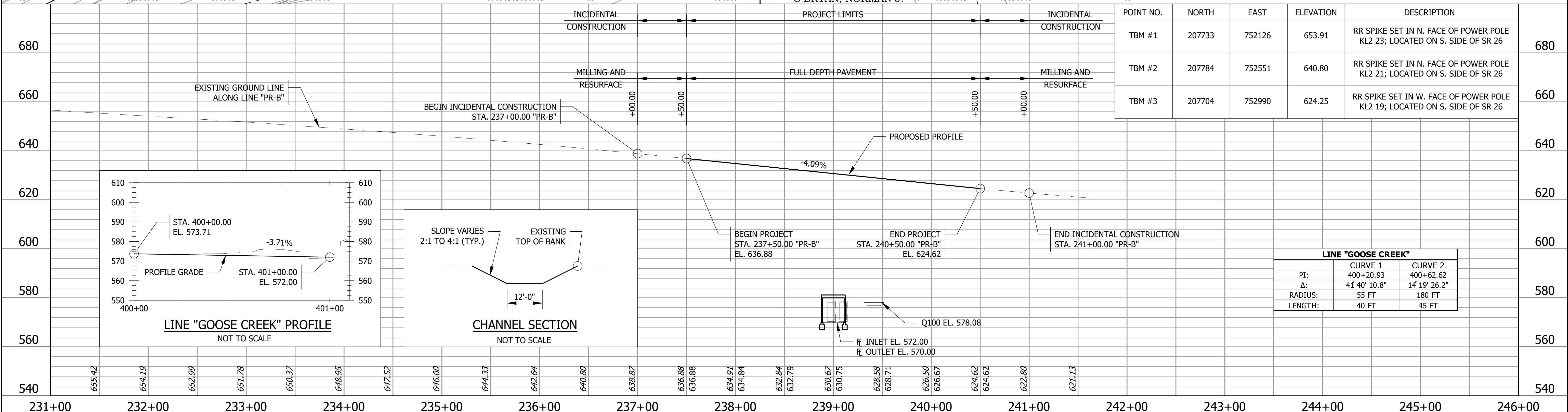
SECTION 7, T-23-N, R-5-W
 SHELBY TOWNSHIP
 TIPPECANOE COUNTY

SECTION 18, T-23-N, R-5-W
 SHELBY TOWNSHIP
 TIPPECANOE COUNTY

LEGEND

	MARSH, BEN & BONNIE
	RIPRAP

ALL R/W DESCRIBED FROM LINE "PR-B".
 LINE "PR-B" TO BE CONSTRUCTED.
 *INDICATES R/W MARKER REQ'D.



LINE "GOOSE CREEK"

	CURVE 1	CURVE 2
PI:	400+20.93	400+62.62
Δ :	41° 40' 10.8"	14° 19' 26.2"
RADIUS:	55 FT	180 FT
LENGTH:	40 FT	45 FT

File Name: F:\4590 - INDOT Crawfordsville (11)\J-1900333_S\SR2650 Plans\30 Sheet Drawings\10 Design Sheets\PLAN-PROFILE-01.dwg - Layout1
 Modified / By: July 21, 2022 8:38:32 AM / zhot
 Plotted / By: July 21, 2022 8:42:45 AM / Zed Hot

758	NORTH: 207792.4400 EAST: 752227.9500	759	NORTH: 207728.9100 EAST: 751941.0900	788	NORTH: 207698.8400 EAST: 751654.4000	800	NORTH: 207702.9068 EAST: 751199.2451	801	NORTH: 207785.0766 EAST: 752809.9338	802	NORTH: 207694.2756 EAST: 753173.8995
-----	---	-----	---	-----	---	-----	---	-----	---	-----	---

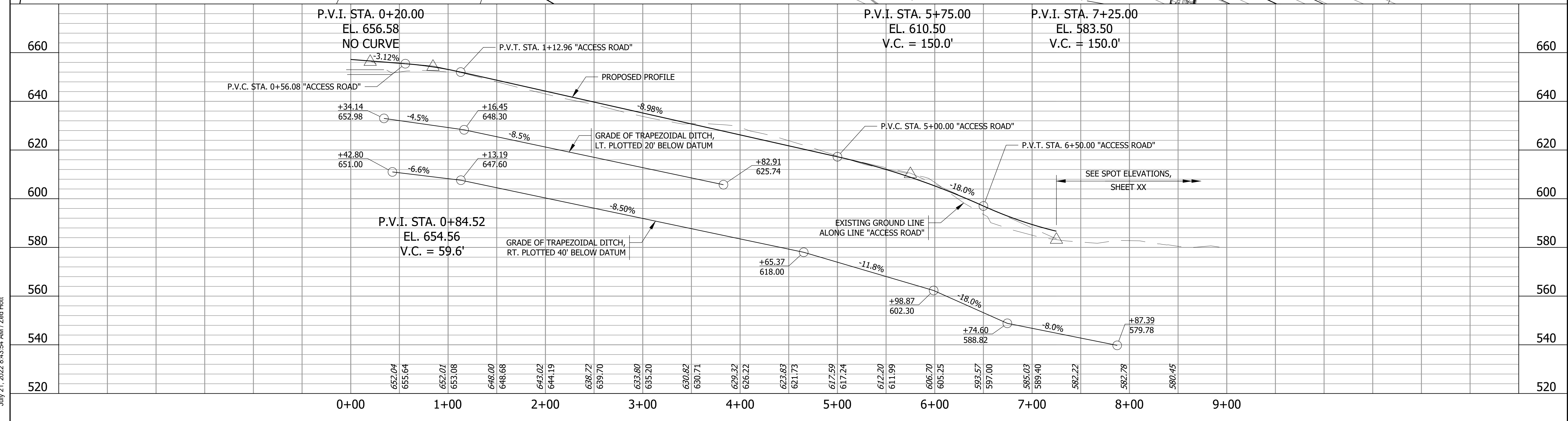
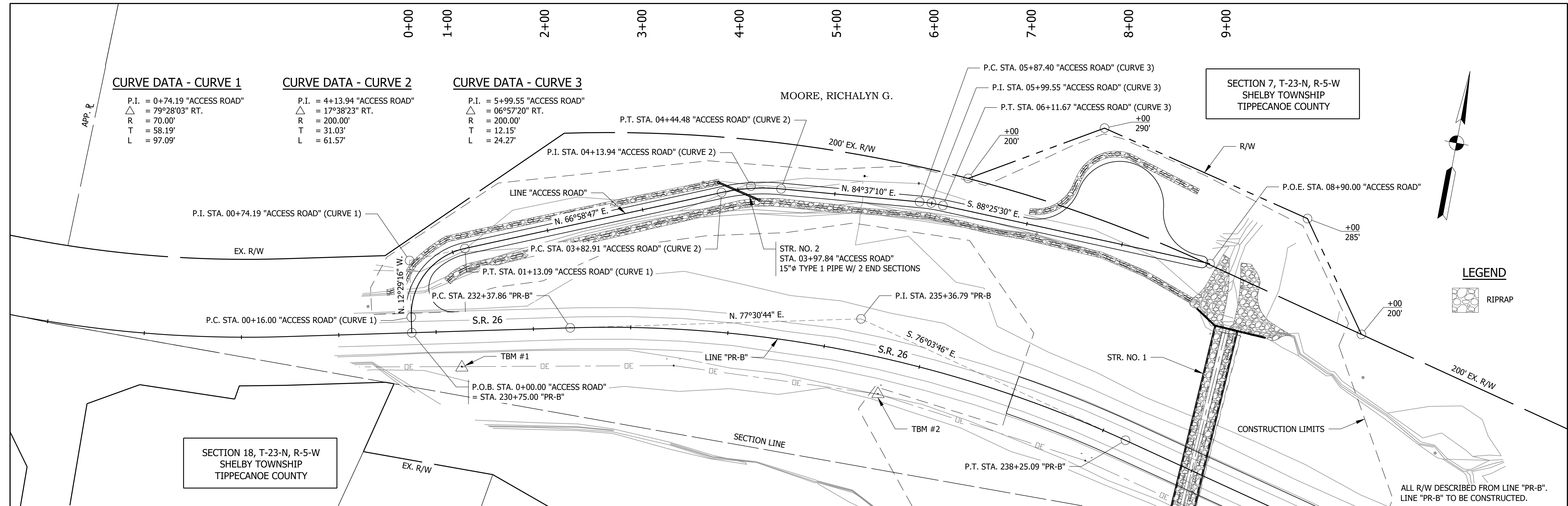
PRELIMINARY

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: BJM	DRAWN: SEJ	
CHECKED: ZZH	CHECKED: BJM	

**INDIANA
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
 LINE "PR-B"**

HORIZONTAL SCALE 1" = 50'-0" UNLESS NOTED	BRIDGE FILE T.B.D.
VERTICAL SCALE 1" = 20'-0" UNLESS NOTED	DESIGNATION 1900333
	SHEET 9 of 23
	CONTRACT R-42243
	PROJECT 1900333

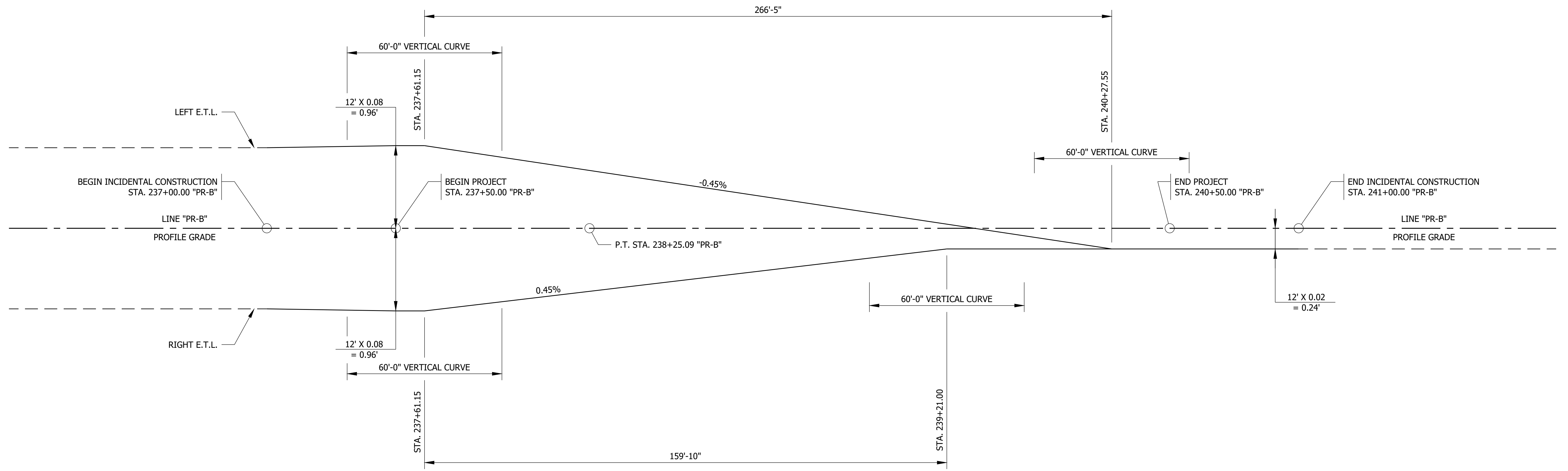


File Name: F:\4590 - INDOT Crawfordsville (11)\J-19000333_SR26050 Plans\30 Sheet Drawings\10 Design Sheets\PLAN-PROFILE-02.dwg - Layout1
 Modified By: July 20, 2022 2:29:30 PM / sjohnson
 Plotted / By: July 21, 2022 8:43:54 AM / Zed Holt

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">758 NORTH: 207792.4400 EAST: 752227.9500</td> <td style="width: 15%;">759 NORTH: 207728.9100 EAST: 751941.0900</td> <td style="width: 15%;">788 NORTH: 207698.8400 EAST: 751654.4000</td> <td style="width: 15%;">800 NORTH: 207702.9068 EAST: 751199.2451</td> <td style="width: 15%;">801 NORTH: 207785.0766 EAST: 752809.9338</td> <td style="width: 15%;">802 NORTH: 207694.2756 EAST: 753173.8995</td> </tr> </table>	758 NORTH: 207792.4400 EAST: 752227.9500	759 NORTH: 207728.9100 EAST: 751941.0900	788 NORTH: 207698.8400 EAST: 751654.4000	800 NORTH: 207702.9068 EAST: 751199.2451	801 NORTH: 207785.0766 EAST: 752809.9338	802 NORTH: 207694.2756 EAST: 753173.8995	<p style="font-size: 2em; font-weight: bold; transform: rotate(-45deg);">PRELIMINARY</p>	<p>RECOMMENDED FOR APPROVAL _____</p> <p>DESIGNED: BJM DRAWN: SEJ</p> <p>CHECKED: ZZH CHECKED: BJM</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p>PLAN AND PROFILE LINE "ACCESS ROAD"</p>	<p>HORIZONTAL SCALE 1" = 50'-0" UNLESS NOTED</p> <p>VERTICAL SCALE 1" = 20'-0" UNLESS NOTED</p>	<p>BRIDGE FILE T.B.D.</p> <p>DESIGNATION 1900333</p> <p>SHEET 10 of 23</p> <p>CONTRACT R-42243</p> <p>PROJECT 1900333</p>
758 NORTH: 207792.4400 EAST: 752227.9500	759 NORTH: 207728.9100 EAST: 751941.0900	788 NORTH: 207698.8400 EAST: 751654.4000	800 NORTH: 207702.9068 EAST: 751199.2451	801 NORTH: 207785.0766 EAST: 752809.9338	802 NORTH: 207694.2756 EAST: 753173.8995						

F:\4590 - INDOT Crawfordsville (11)\J-1900333_SR26150 Plans\30 Sheet Drawings\10 Design Sheets\IS-SUPER-ELEV-01.dwg - Layout1
 July 20, 2022 2:47:27 PM / zhot
 July 21, 2022 8:44:00 AM / Zed Holt

File Name:
 Modified / By:
 Plotted / By:



SUPERELEVATION DIAGRAM

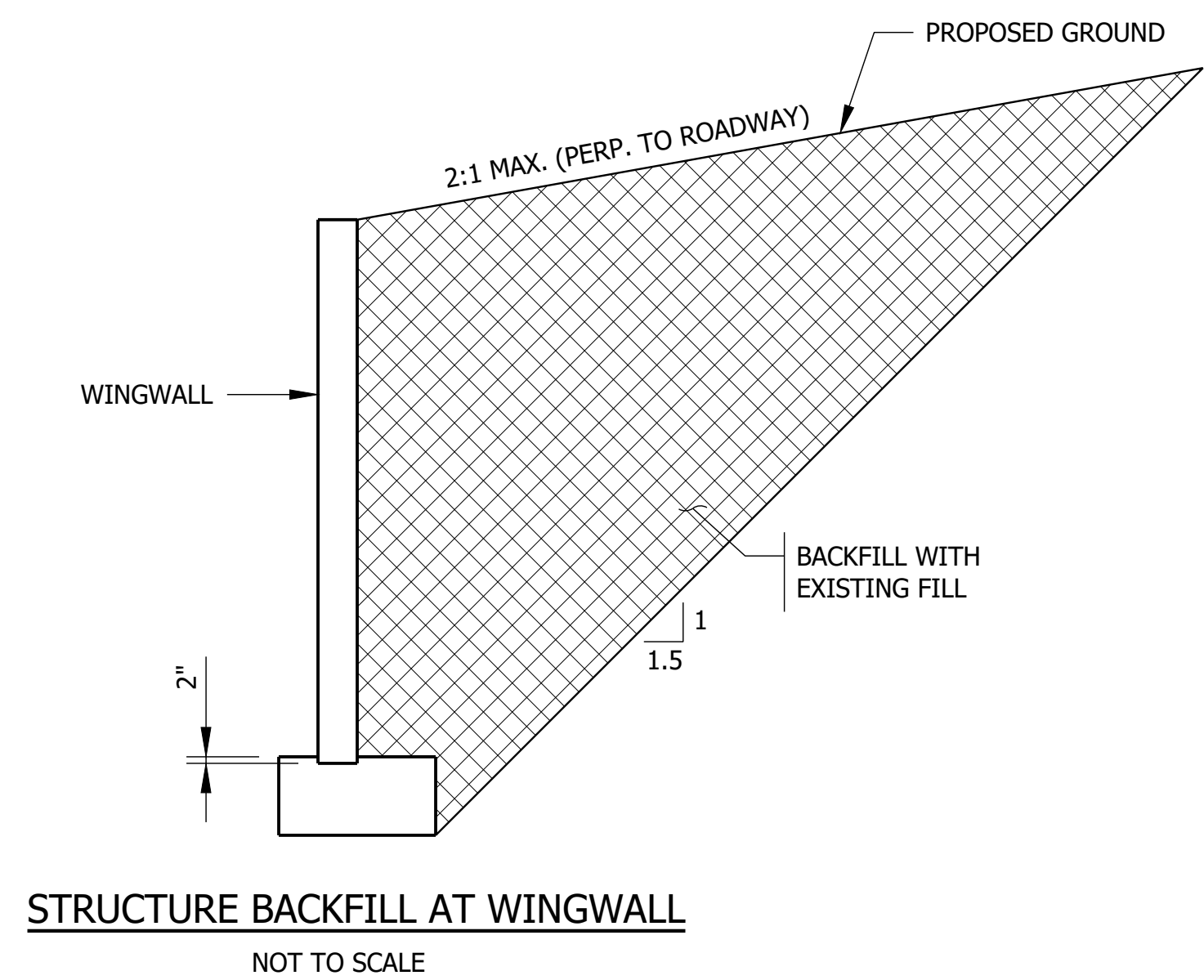
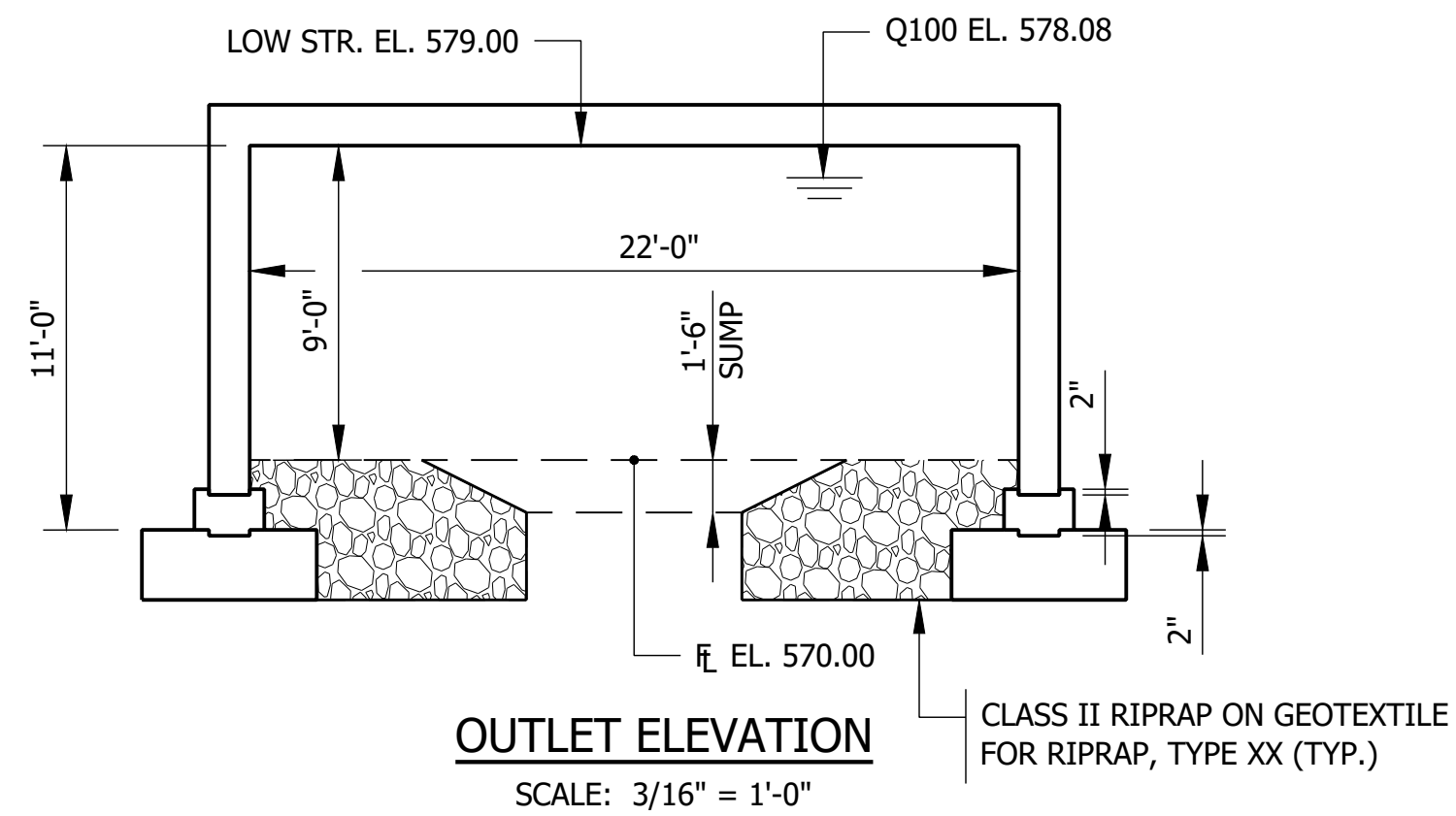
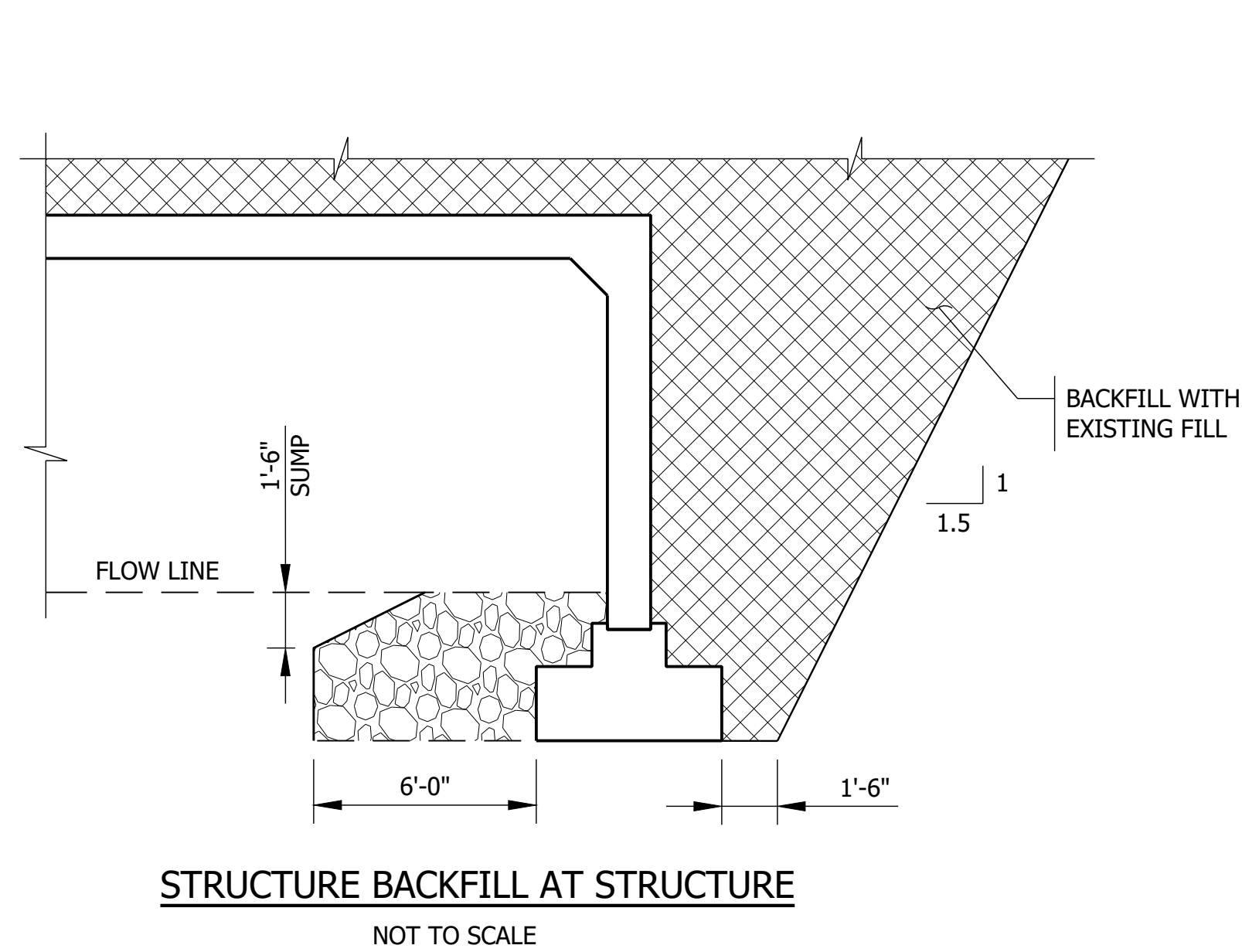
PRELIMINARY

RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER DATE
 DESIGNED: BJM DRAWN: SEJ
 CHECKED: ZZH CHECKED: BJM

INDIANA
 DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DIAGRAM

HORIZONTAL SCALE	BRIDGE FILE
NONE	T.B.D.
VERTICAL SCALE	DESIGNATION
	1900333
	SHEET
	11 of 23
CONTRACT	PROJECT
R-42243	1900333



EXISTING STRUCTURE

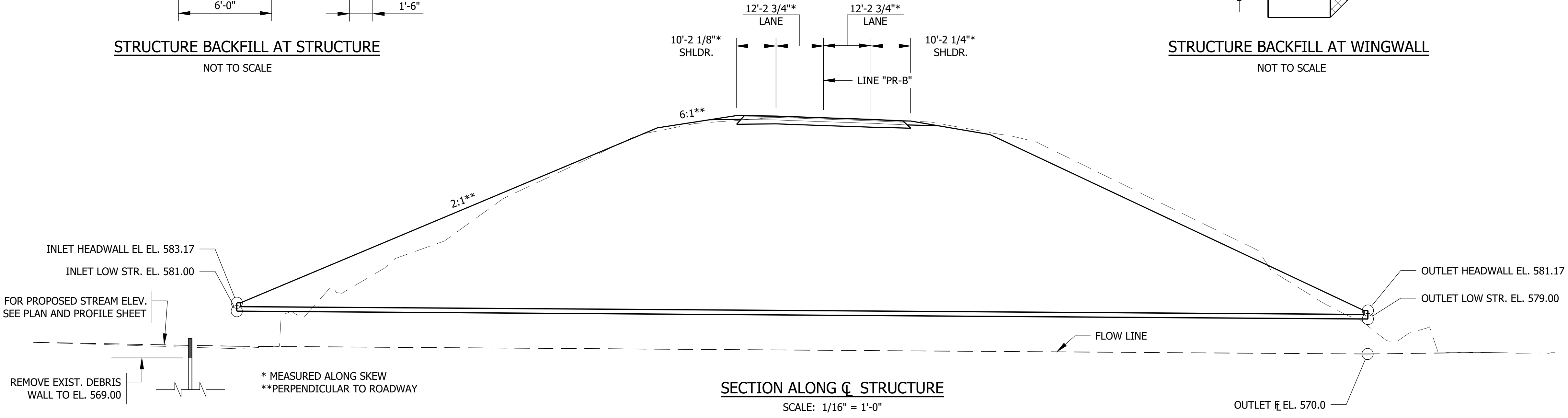
THE EXISTING STRUCTURE IS A TWIN 84" X 84" CONCRETE BOX, WITH AN OUT TO OUT LENGTH OF 296±. THE EXISTING STRUCTURE SHALL BE REMOVED. ESTIMATED QTY. OF EXCAVATION TO REMOVE EXISTING STRUCTURE = 52,000 CYS.

DESIGN DATA

STRUCTURE DESIGNED FOR HL-93 LOADING, IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, EIGHTH EDITION, 2017, AND SUBSEQUENT INTERIM.

HYDRAULIC DATA

DRAINAGE AREA:	5.21 SQ. MI.
Q100 DISCHARGE:	1,680 CFS
Q100 ELEVATION:	578.08 FT.
APPROXIMATE SKEW:	11° 0' 0"
PROPOSED VELOCITY	10.37 FT./SEC.
PROPOSED BACKWATER	2.16 FT.
MINIMAL LOW STRUCTURE ELEVATION	579.00 FT.
EXISTING VELOCITY	17.15 FT./SEC.
EXISTING BACKWATER	9.25 FT.
EXISTING LOW STRUCTURE	577.00 FT.



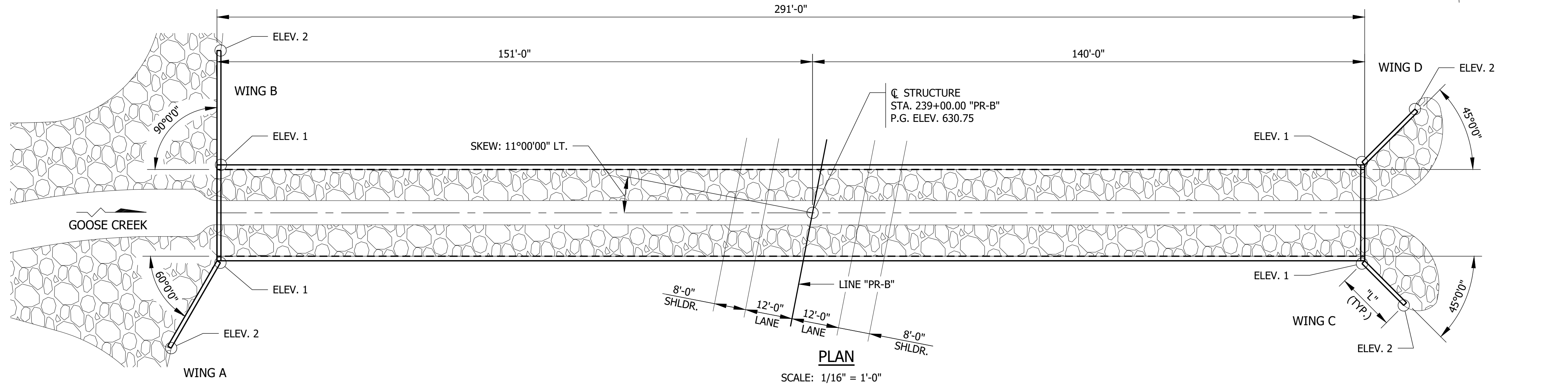
WINGWALL TABLE

WING	"L"	ELEV. 1	ELEV. 2	AREA (SFT)
"A"	25'	583.17	579.00	281.3
"B"	29'	583.17	577.00	297.3
"C"	15'	581.17	576.00	161.3
"D"	19'	581.17	576.00	204.3

ESTIMATED QUANTITY OF HEADWALLS: 48.6 SFT.

SOIL PARAMETERS FOR WINGWALL DESIGN	VALUE
FACTORED BEARING RESISTANCE	—
NOMINAL BEARING CAPACITY	—
RESISTANCE FACTOR	—
FRICTION ANGLE OF THE BACKFILL	—
FRICTION FACTOR OF THE FOUNDATION SOIL	—
ANGLE OF INTERNAL FRICTION OF THE FOUNDATION SOIL	—
ULTIMATE ADHESION BETWEEN FOUNDATION SOIL AND THE POURED CONCRETE FOOTING	—
SOIL COHESION	—

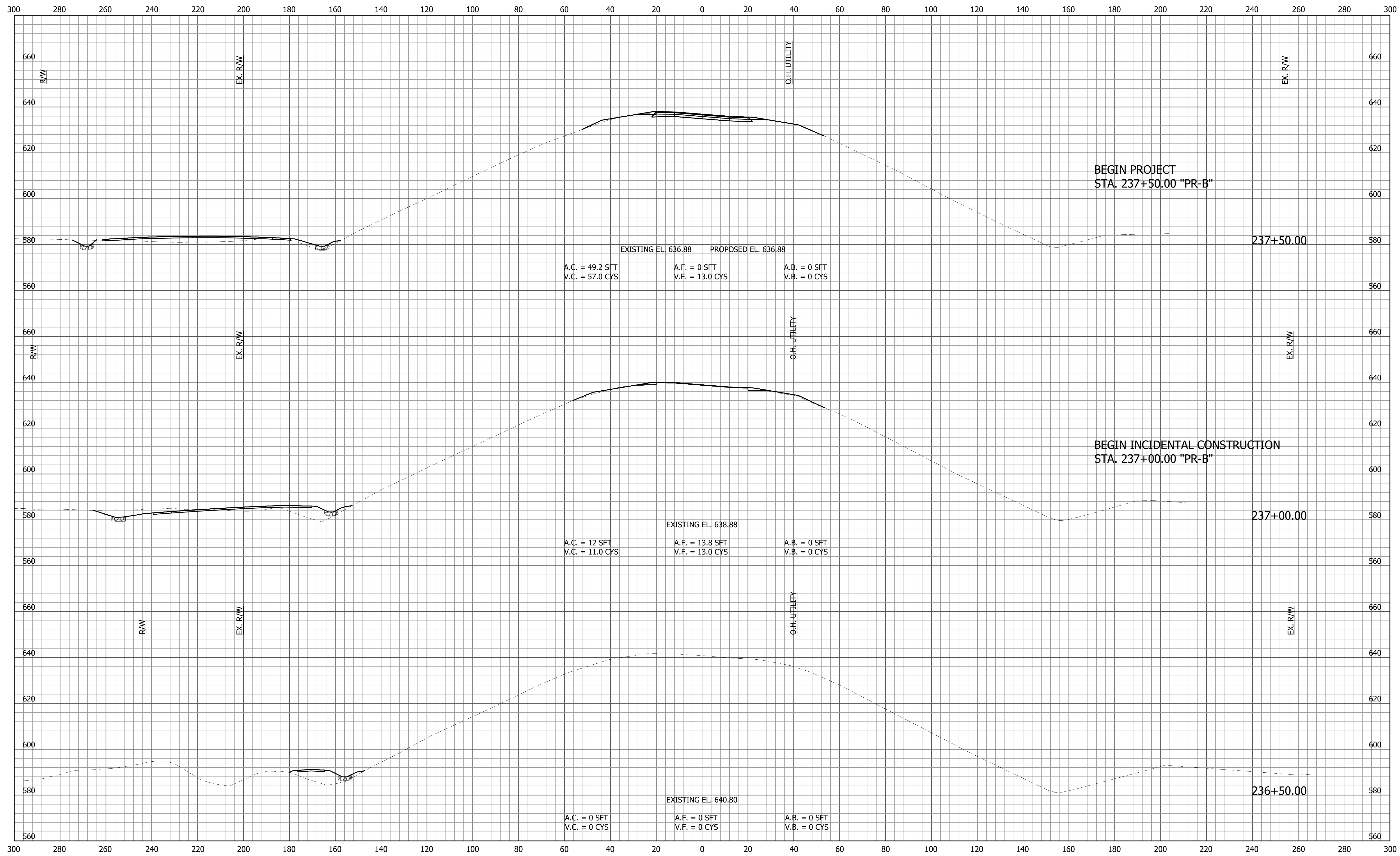
PRECAST CONCRETE 3-SIDED STRUCTURE
SPAN: 22'-0"
RISE: 11'-0"
SKEW: 11°00'00" LT.
S.R. 26 OVER GOOSE CREEK
TIPPECANOE COUNTY



File Name: F:\4590 - INDOT Crawfordsville (11)\J-19000333_S\SR26150 Plans\30 Sheet Drawings\10 Design Sheets\GENPLAN\01.dwg - Layout
 Modified / By: July 21, 2022 8:38:12 AM / zhot
 Plotted / By: July 21, 2022 8:44:04 AM / Zed Holt

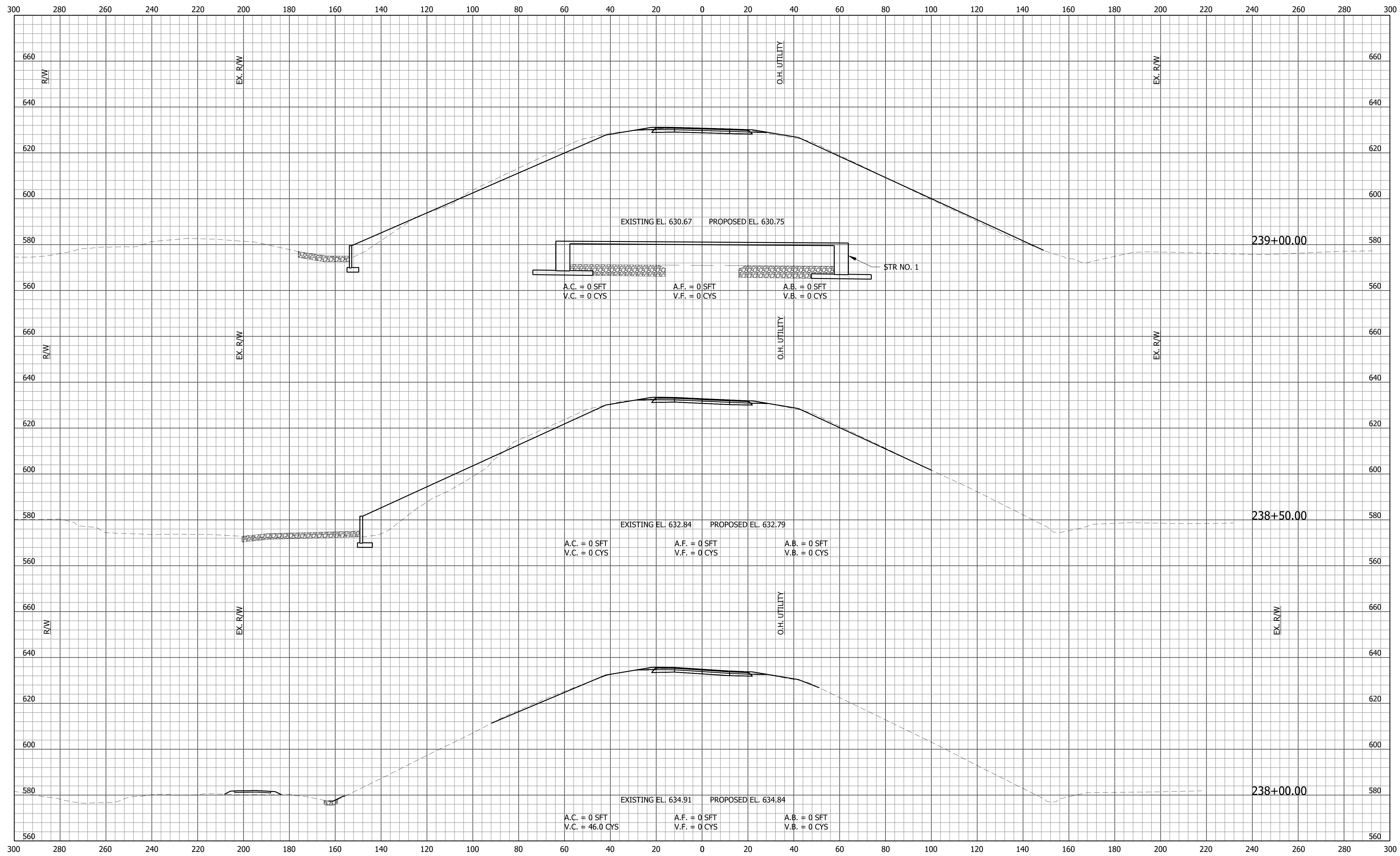
PRELIMINARY	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION GENERAL PLAN	HORIZONTAL SCALE AS NOTED	BRIDGE FILE T.B.D.
	DESIGNED: BJM DRAWN: SEJ		VERTICAL SCALE	DESIGNATION 1900333
	CHECKED: ZZH CHECKED: BJM			SHEET 12 of 23
			CONTRACT R-42243	PROJECT 1900333

File Name: F:\4590 - INDOT Crawfordsville (11)\J-1900333_S-R2650 Plans\30 Sheet Drawings\10 Design Sheets\IS-CROSS-SECTIONS-01.dwg - Section Sheet - (1)
 Modified / By: July 20, 2022 2:14:50 PM / zhot
 Plotted / By: July 21, 2022 8:48:14 AM / Zed Holt



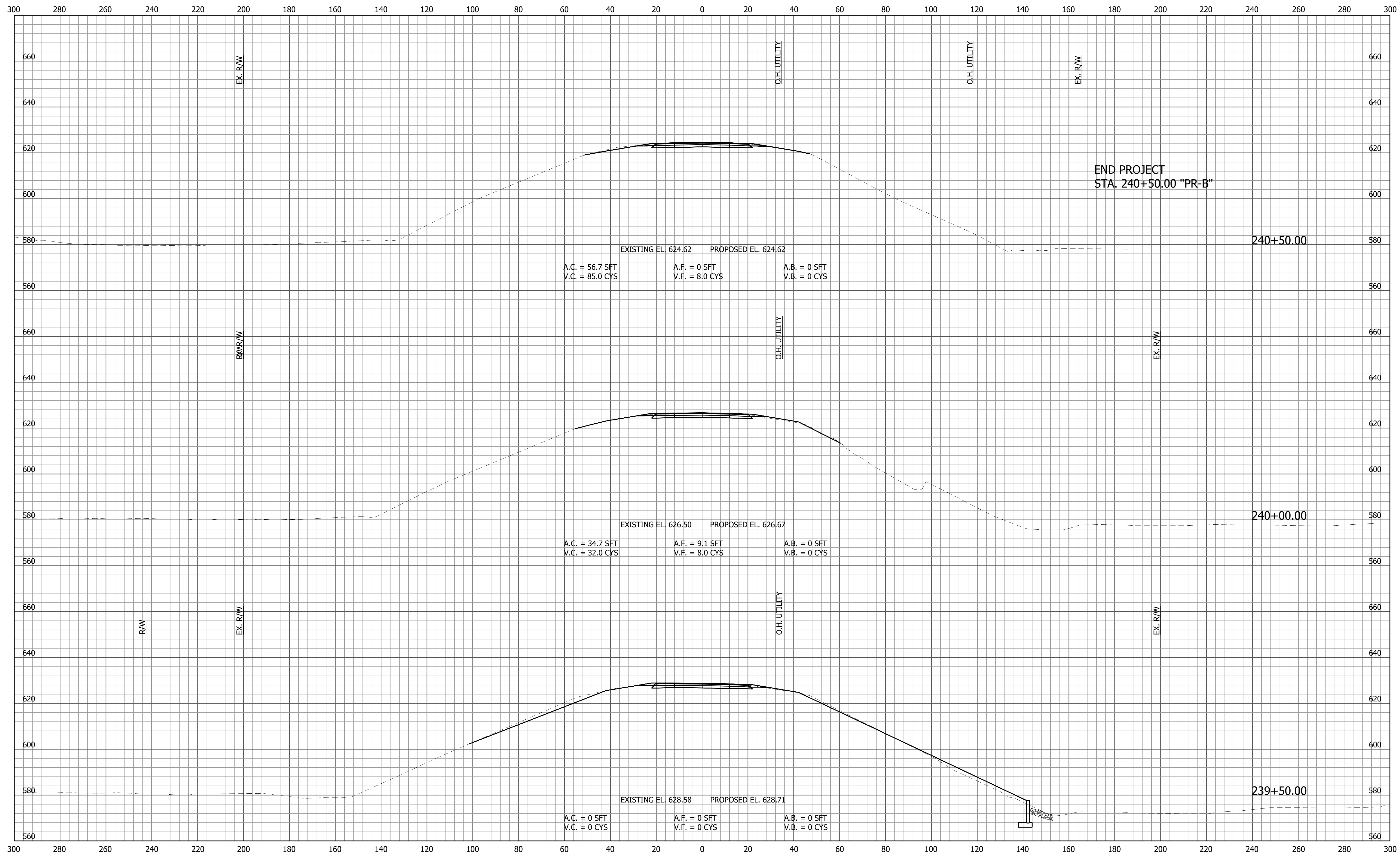
PRELIMINARY	RECOMMENDED FOR APPROVAL _____ <small>DESIGN ENGINEER DATE</small>	INDIANA DEPARTMENT OF TRANSPORTATION CROSS SECTIONS LINE "PR-B"	HORIZONTAL SCALE 1" = 20'	BRIDGE FILE T.B.D.
	DESIGNED: <u>BJM</u> DRAWN: <u>SEJ</u>		VERTICAL SCALE 1" = 20'	DESIGNATION 1900333
	CHECKED: <u>ZZH</u> CHECKED: <u>BJM</u>		SHEET 14 of 23	PROJECT 1900333
CONTRACT R-42243				

File Name: F:\4590 - INDOT Crawfordsville (11)\J-1900333_SR2650 Plans\30 Sheet Drawings\10 Design Sheets\IS-CROSS-SECTIONS-01.dwg - Section Sheet - (2)
 Modified / By: July 20, 2022 2:14:50 PM / zhot
 Plotted / By: July 21, 2022 8:48:19 AM / Zed Holt



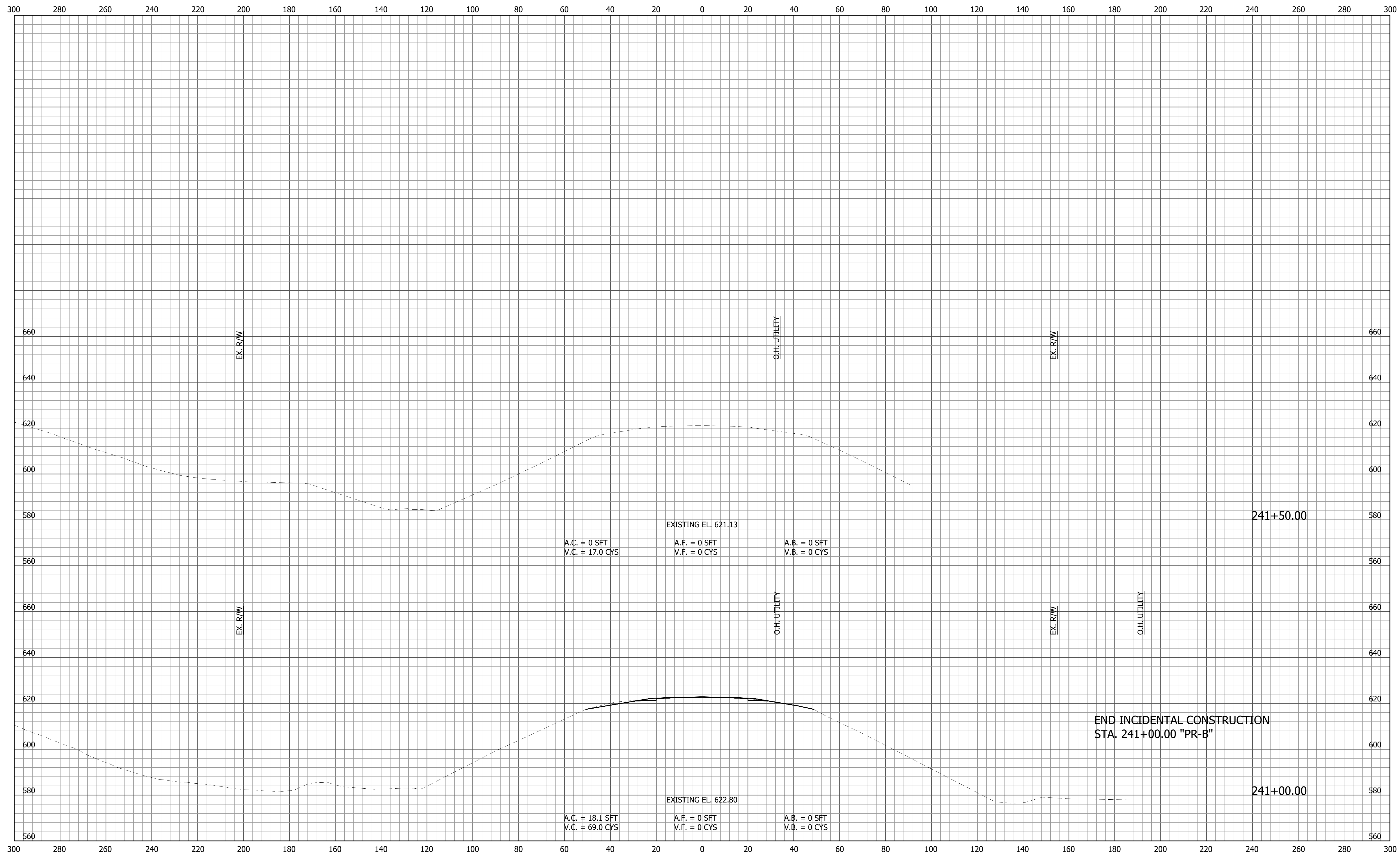
PRELIMINARY	RECOMMENDED FOR APPROVAL _____ <small>DESIGN ENGINEER DATE</small>	INDIANA DEPARTMENT OF TRANSPORTATION CROSS SECTIONS LINE "PR-B"	<small>HORIZONTAL SCALE</small> 1" = 20'	<small>BRIDGE FILE</small> T.B.D.
	DESIGNED: <u>BJM</u> DRAWN: <u>SEJ</u>		<small>VERTICAL SCALE</small> 1" = 20'	<small>DESIGNATION</small> 1900333
	CHECKED: <u>ZZH</u> CHECKED: <u>BJM</u>		<small>SHEET</small> 15 of 23	
	<small>CONTRACT</small> R-42243		<small>PROJECT</small> 1900333	

File Name: F:\4590 - INDOT Crawfordsville (11)\J-1900333_S-R2650 Plans\30 Sheet Drawings\10 Design Sheets\IS-CROSS-SECTIONS-01.dwg - Section Sheet - (3)
 Modified / By: July 20, 2022 2:14:50 PM / zhot
 Plotted / By: July 21, 2022 8:46:24 AM / Zed Holt



PRELIMINARY	RECOMMENDED FOR APPROVAL _____ <small>DESIGN ENGINEER DATE</small>	INDIANA DEPARTMENT OF TRANSPORTATION CROSS SECTIONS LINE "PR-B"	HORIZONTAL SCALE 1" = 20'	BRIDGE FILE T.B.D.
	DESIGNED: <u>BJM</u> DRAWN: <u>SEJ</u>		VERTICAL SCALE 1" = 20'	DESIGNATION 1900333
	CHECKED: <u>ZZH</u> CHECKED: <u>BJM</u>		SHEET 16 of 23	
	CONTRACT R-42243		PROJECT 1900333	

File Name: F:\4590 - INDOT Crawfordsville (11)\J-1900333_SR2650 Plans\30 Sheet Drawings\10 Design Sheets\IS-CROSS-SECTIONS-01.dwg - Section Sheet - (4)
 Modified / By: July 20, 2022 2:14:50 PM / zhot
 Plotted / By: July 21, 2022 8:46:29 AM / Zed Holt



END INCIDENTAL CONSTRUCTION
STA. 241+00.00 "PR-B"

PRELIMINARY

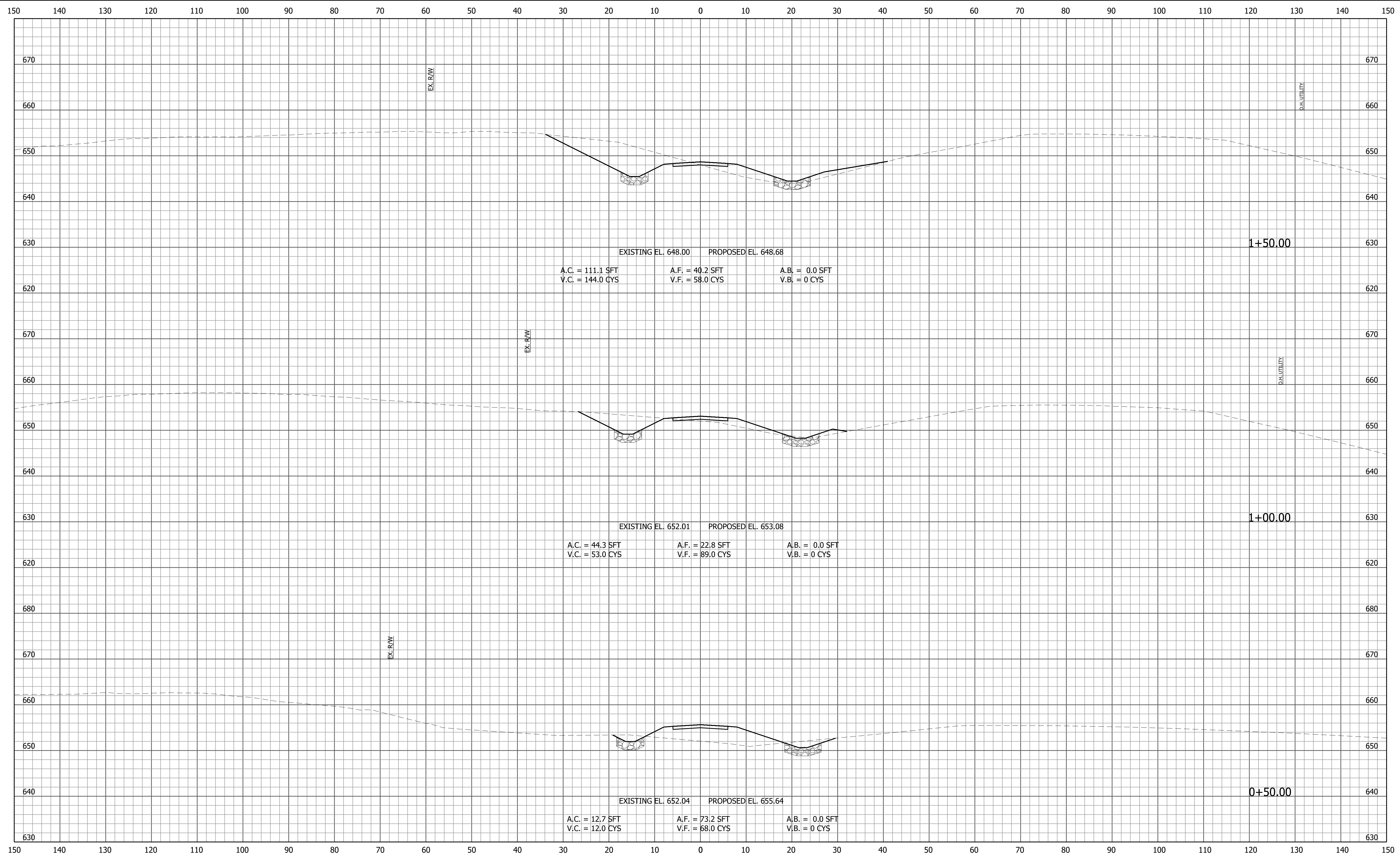
RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER _____ DATE _____
 DESIGNED: BJM DRAWN: SEJ
 CHECKED: ZZH CHECKED: BJM

INDIANA
DEPARTMENT OF TRANSPORTATION

**CROSS SECTIONS
LINE "PR-B"**

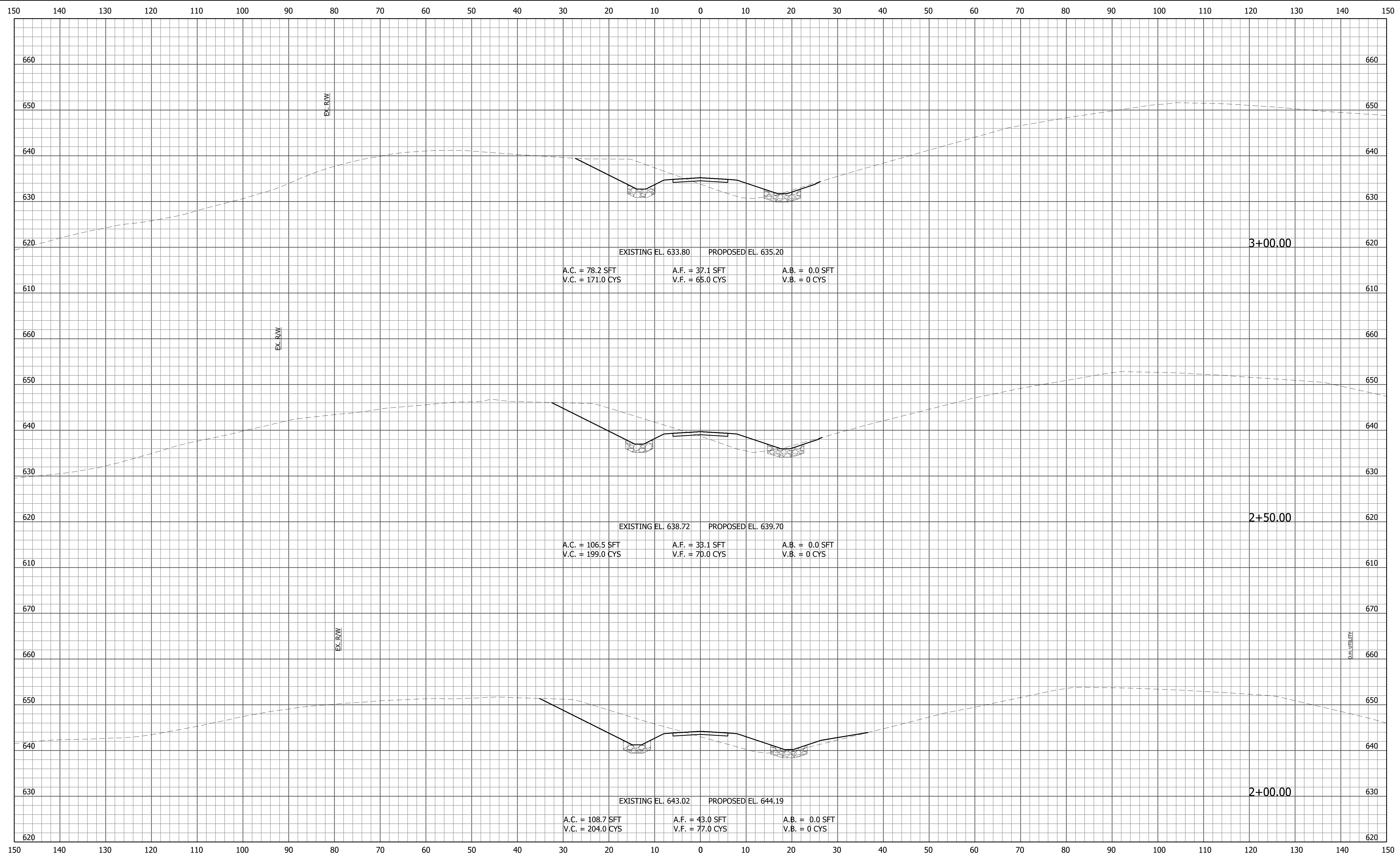
HORIZONTAL SCALE 1" = 20'	BRIDGE FILE T.B.D.
VERTICAL SCALE 1" = 20'	DESIGNATION 1900333
	SHEET 17 of 23
CONTRACT R-42243	PROJECT 1900333

File Name: F:\4590 - INDOT Crawfordsville (11)\J-1900333_S\SR2650 Plans\30 Sheet Drawings\10 Design Sheets\IS-CROSS-SECTIONS-02.dwg - Section Sheet - (1)
 Modified / By: July 20, 2022 11:54:50 AM / zhoht
 Plotted / By: July 21, 2022 8:48:23 AM / Zed Hoht



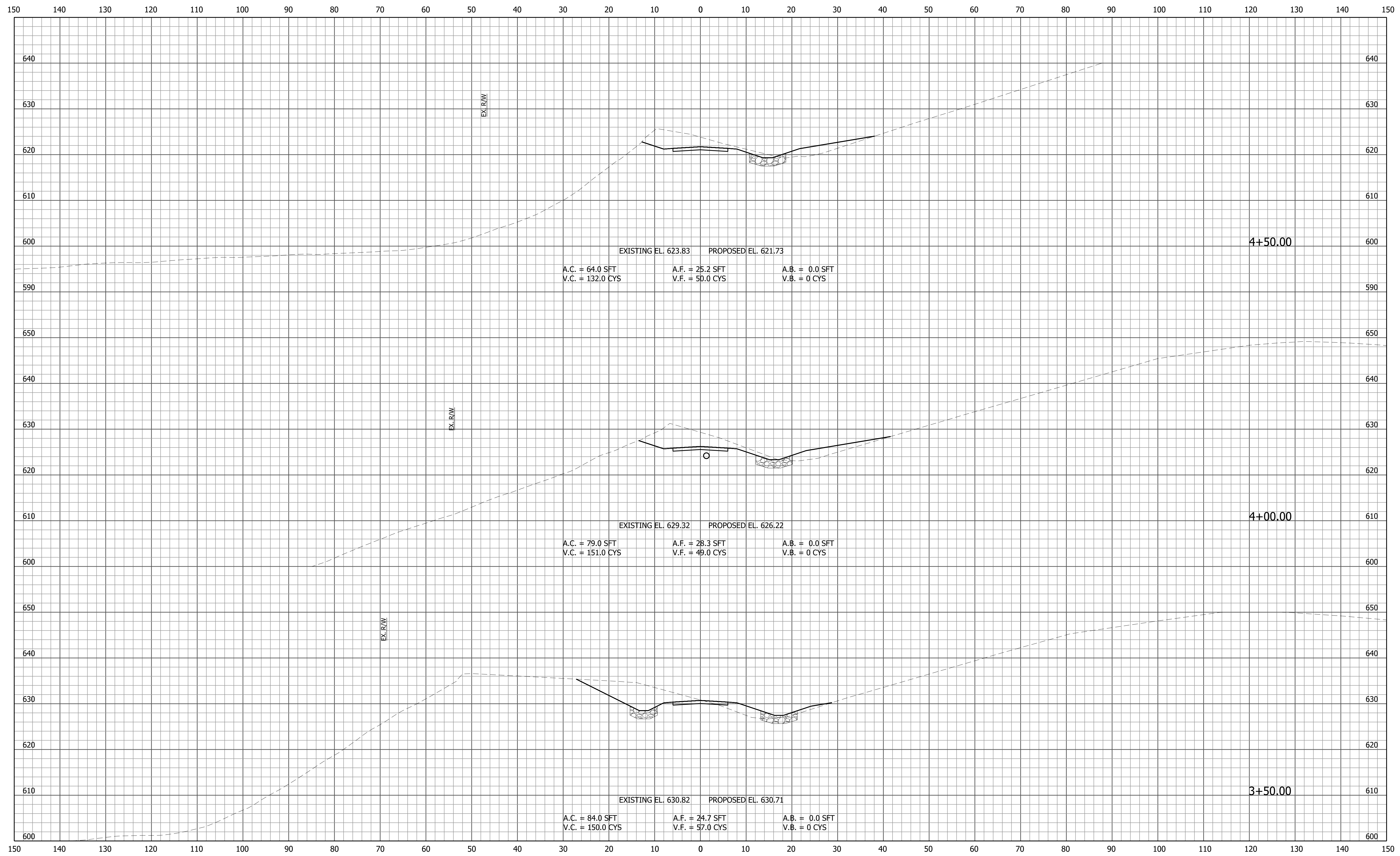
PRELIMINARY	RECOMMENDED FOR APPROVAL _____ <small>DESIGN ENGINEER DATE</small>	INDIANA DEPARTMENT OF TRANSPORTATION CROSS SECTIONS LINE "ACCESS ROAD"	HORIZONTAL SCALE 1" = 10'	BRIDGE FILE T.B.D.
	DESIGNED: <u>ZZH</u> DRAWN: <u>SEJ</u>		VERTICAL SCALE 1" = 10'	DESIGNATION 1900333
	CHECKED: <u>BJM</u> CHECKED: <u>ZZH</u>		SHEET 18 of 23	
	CONTRACT R-42243		PROJECT 1900333	

File Name: F:\4590 - INDOT Crawfordsville (11)\J-19\0333_S\SR2650 Plans\30 Sheet Drawings\10 Design Sheets\IS-CROSS-SECTIONS-02.dwg - Section Sheet - (2)
 Modified / By: July 20, 2022 11:54:50 AM / zhoht
 Plotted / By: July 21, 2022 8:48:28 AM / Zed Hoht



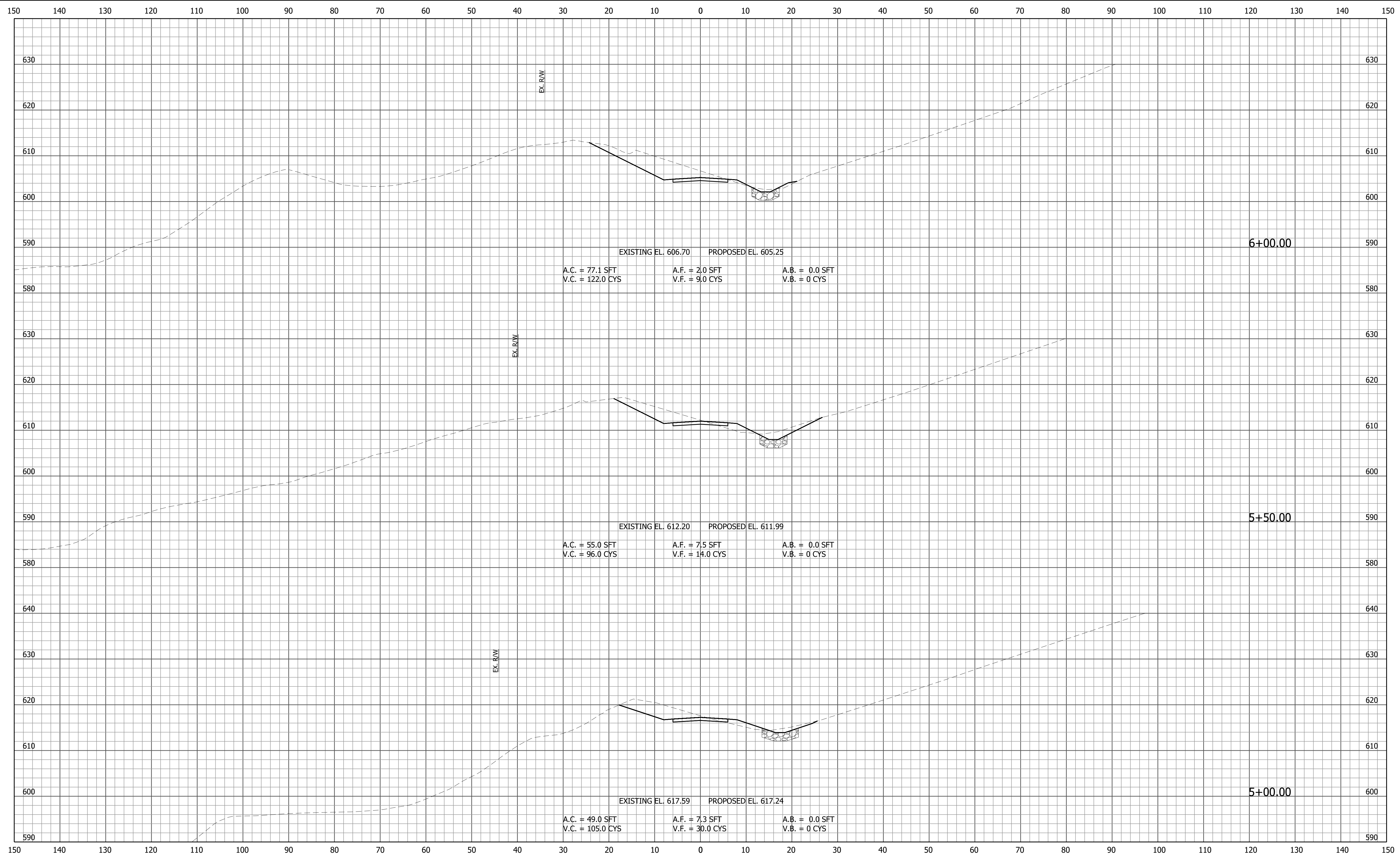
PRELIMINARY	RECOMMENDED FOR APPROVAL _____ <small>DESIGN ENGINEER DATE</small>		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1" = 10' VERTICAL SCALE 1" = 10'	BRIDGE FILE T.B.D. DESIGNATION 1900333
	DESIGNED: ZZH	DRAWN: SEJ	CROSS SECTIONS LINE "ACCESS ROAD"		SHEET 19 of 23	
	CHECKED: BJM	CHECKED: ZZH			CONTRACT R-42243	
					PROJECT 1900333	

File Name: F:\4590 - INDOT Crawfordsville (11)\J-1900333_S-R2650 Plans\30 Sheet Drawings\10 Design Sheets\IS-CROSS-SECTIONS-02.dwg - Section Sheet - (3)
 Modified / By: July 20, 2022 11:54:50 AM / zhoht
 Plotted / By: July 21, 2022 8:48:33 AM / Zed Hoht



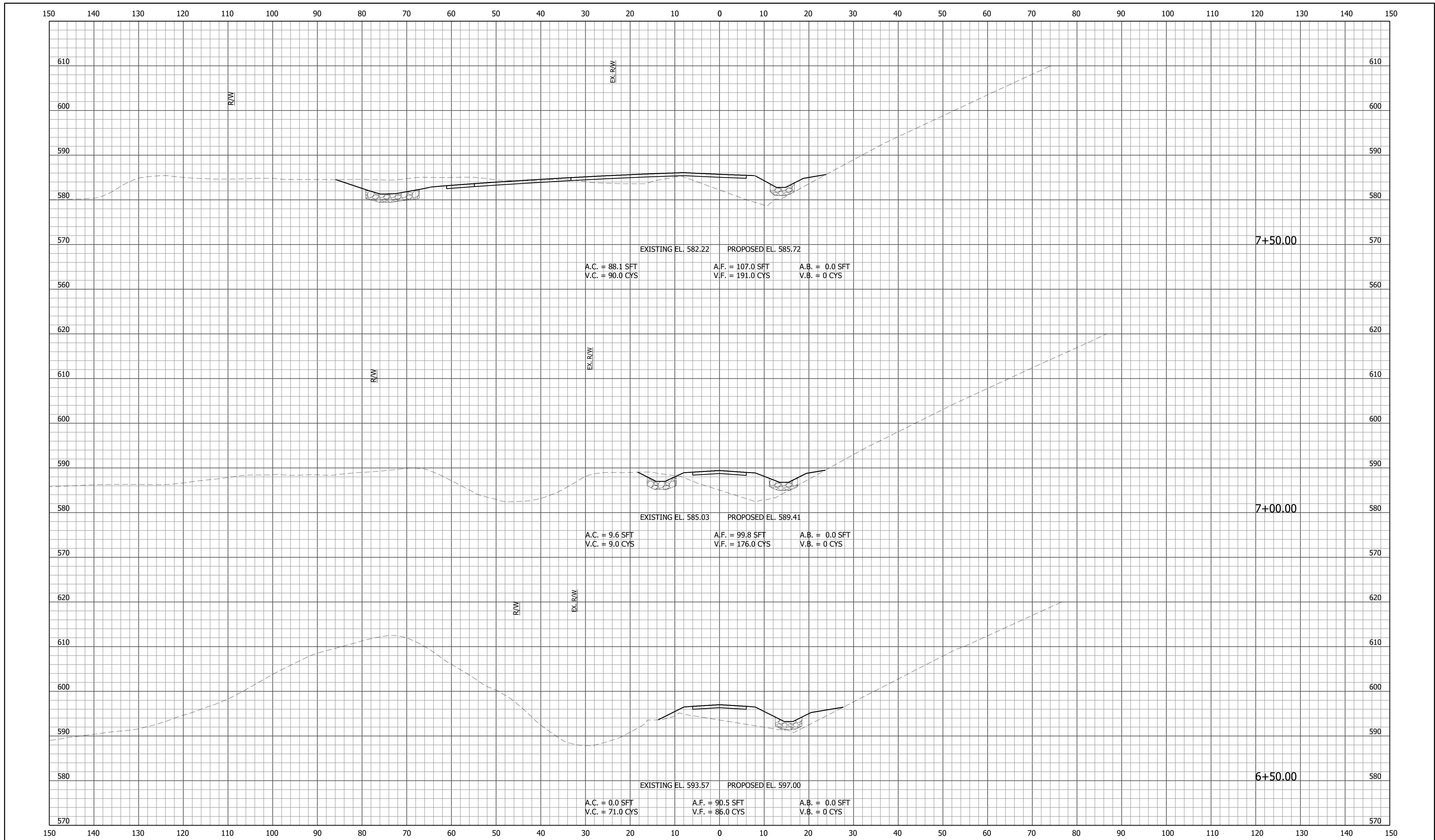
PRELIMINARY	RECOMMENDED FOR APPROVAL _____ <small>DESIGN ENGINEER DATE</small>	INDIANA DEPARTMENT OF TRANSPORTATION CROSS SECTIONS LINE "ACCESS ROAD"	<small>HORIZONTAL SCALE</small> 1" = 10'	<small>BRIDGE FILE</small> T.B.D.
	DESIGNED: ZZH DRAWN: SEJ		<small>VERTICAL SCALE</small> 1" = 10'	<small>DESIGNATION</small> 1900333
	CHECKED: BJM CHECKED: ZZH		<small>SHEET</small> 20 of 23	
			<small>CONTRACT</small> R-42243	<small>PROJECT</small> 1900333

File Name: F:\4590 - INDOT Crawfordsville (11)\J-1900333_SR2650 Plans\30 Sheet Drawings\10 Design Sheets\IS-CROSS-SECTIONS-02.dwg - Section Sheet - (4)
 Modified / By: July 20, 2022 11:54:50 AM / zhoit
 Plotted / By: July 21, 2022 9:48:38 AM / Zed Hoit



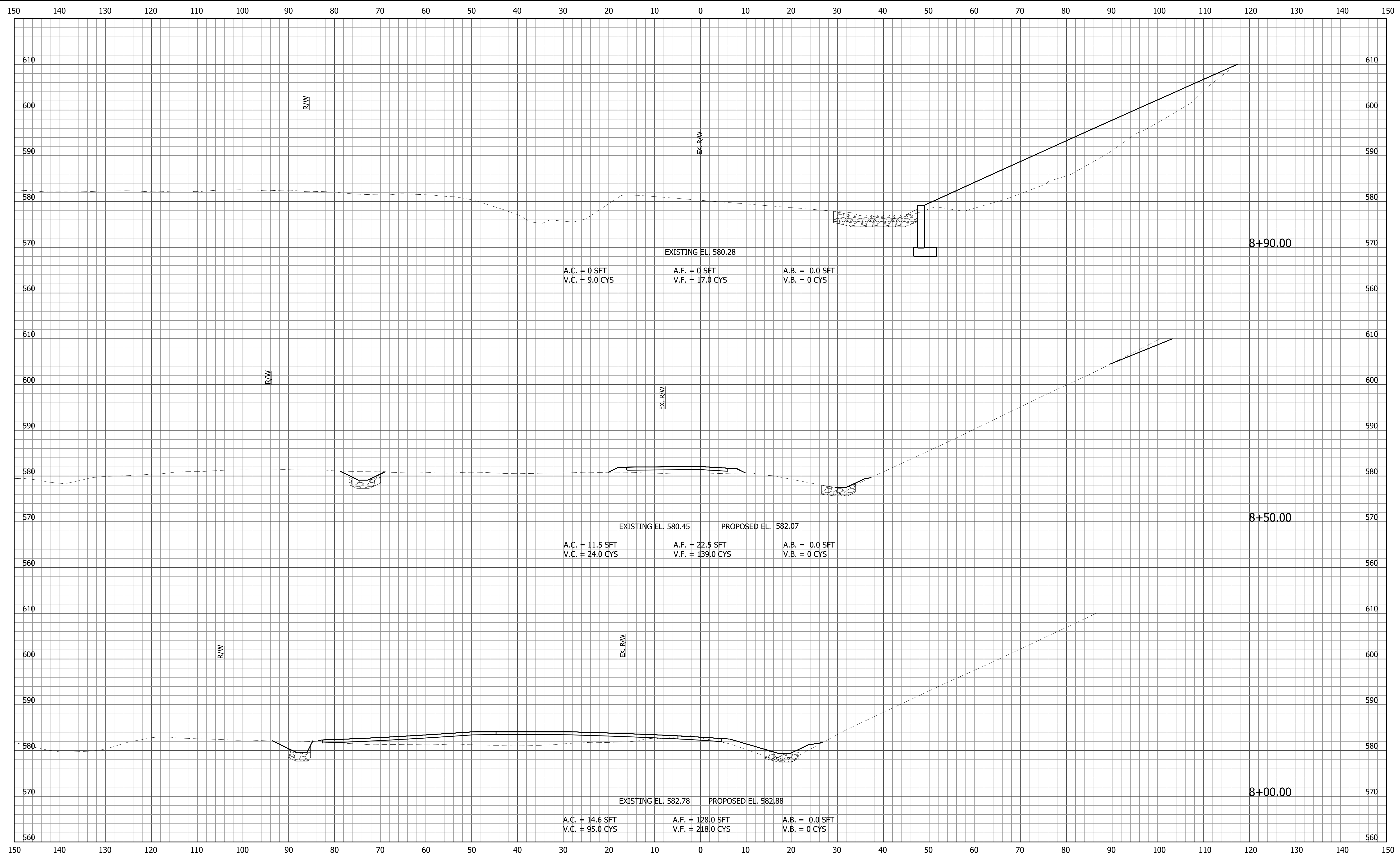
PRELIMINARY	RECOMMENDED FOR APPROVAL _____ <small>DESIGN ENGINEER DATE</small>	INDIANA DEPARTMENT OF TRANSPORTATION CROSS SECTIONS LINE "ACCESS ROAD"	HORIZONTAL SCALE 1" = 10'	BRIDGE FILE T.B.D.
	DESIGNED: ZZH DRAWN: SEJ		VERTICAL SCALE 1" = 10'	DESIGNATION 1900333
	CHECKED: BJM CHECKED: ZZH		SHEET 21 of 23	
	CONTRACT R-42243		PROJECT 1900333	

File Name: F:\4590 - INDOT Crawfordsville (11)\J-1900333_S\SR2650 Plans\30 Sheet Drawings\10 Design Sheets\IS-CROSS-SECTIONS-02.dwg - Section Sheet - (5)
 Modified / By: July 20, 2022 11:54:50 AM / zhoht
 Plotted / By: July 21, 2022 8:48:43 AM / Zed Hoht



PRELIMINARY	RECOMMENDED FOR APPROVAL _____ <small>DESIGN ENGINEER DATE</small>	INDIANA DEPARTMENT OF TRANSPORTATION CROSS SECTIONS LINE "ACCESS ROAD"	<small>HORIZONTAL SCALE</small> 1" = 10'	<small>BRIDGE FILE</small> T.B.D.
	DESIGNED: <u>ZZH</u> DRAWN: <u>SEJ</u>		<small>VERTICAL SCALE</small> 1" = 10'	<small>DESIGNATION</small> 1900333
	CHECKED: <u>BJM</u> CHECKED: <u>ZZH</u>		<small>SHEET</small> 22 of 23	
	<small>CONTRACT</small> R-42243		<small>PROJECT</small> 1900333	

File Name: F:\4590 - INDOT Crawfordsville (11)\J-1900333_S\SR2650 Plans\30 Sheet Drawings\10 Design Sheets\IS-CROSS-SECTIONS-02.dwg - Section Sheet - (6)
 Modified / By: July 20, 2022 11:54:50 AM / zhoht
 Plotted / By: July 21, 2022 8:48:48 AM / Zed Hoht



PRELIMINARY

RECOMMENDED FOR APPROVAL _____
 DESIGN ENGINEER _____ DATE _____
 DESIGNED: ZZH DRAWN: SEJ
 CHECKED: BJM CHECKED: ZZH

INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
LINE "ACCESS ROAD"

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE T.B.D.
VERTICAL SCALE 1" = 10'	DESIGNATION 1900333
	SHEET 23 of 23
CONTRACT R-42243	PROJECT 1900333