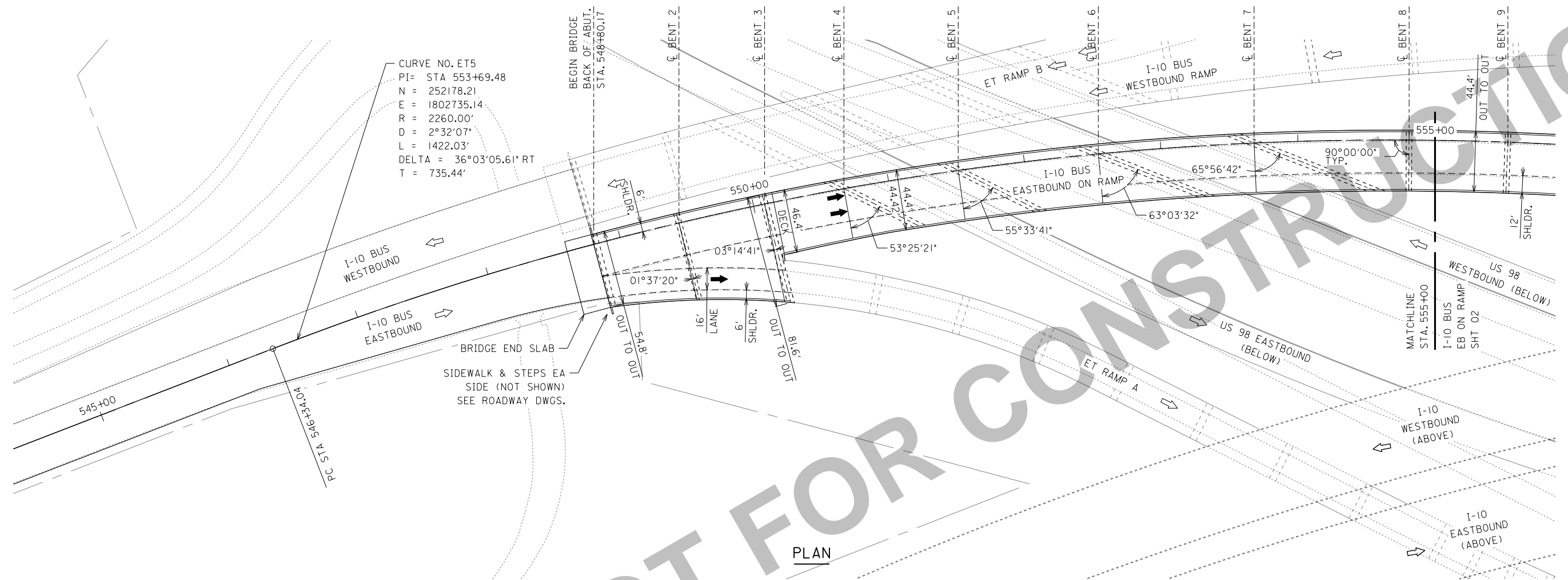
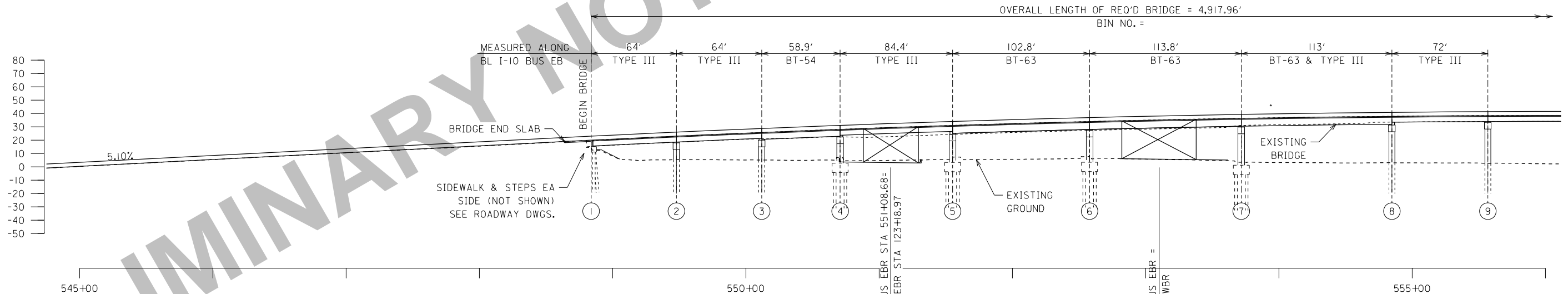


CURVE NO. ET5  
 PI = STA 553+69.48  
 N = 252178.21  
 E = 1802735.14  
 R = 2260.00'  
 D = 2°32'07"  
 L = 1422.03'  
 DELTA = 36°03'05.61" RT  
 T = 735.44'



PLAN



ELEVATION

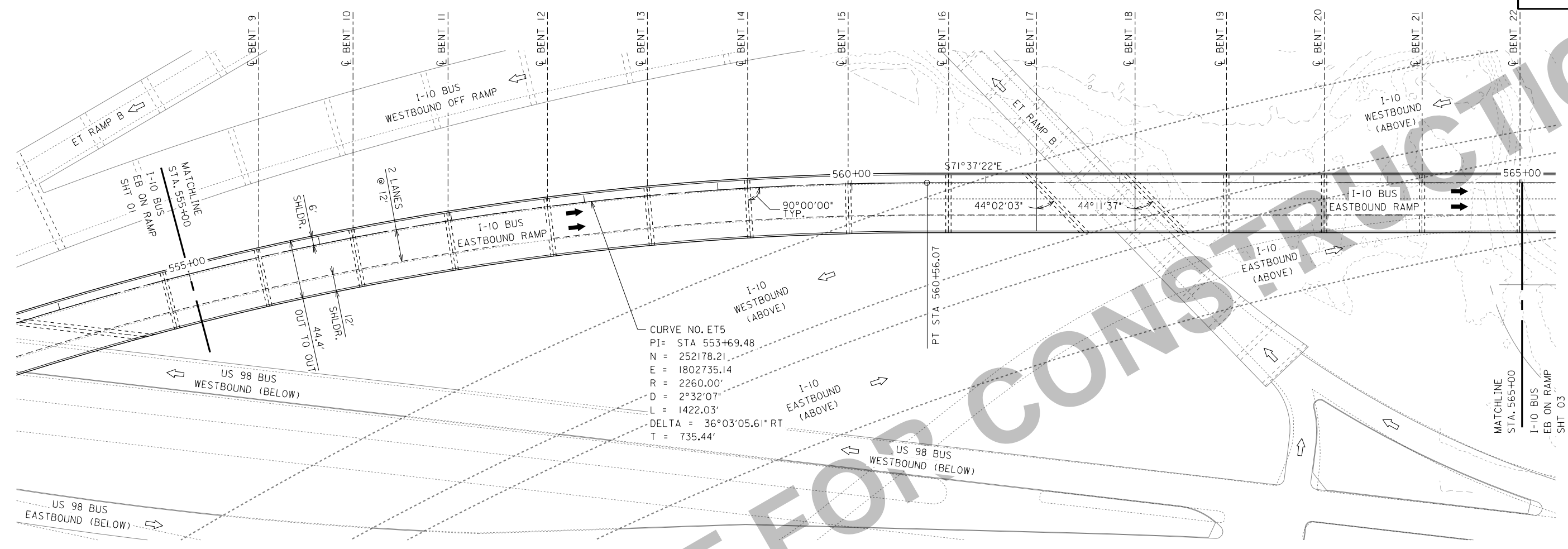
NOTES:

- SEE SHEET 7 FOR TYPICAL SECTIONS.
- REFER TO ROADWAY DRAWINGS FOR VERTICAL CURVE AND SUPERELEVATION DATA.
- PROVIDE CLOSED DECK DRAINAGE SYSTEM WITH GROUND LEVEL DISCHARGE AT COLUMN LOCATIONS FOR THIS RAMP TO STA. 564+00. (NO OPEN SCUPPERS)
- PROVIDE MINIMUM CLEARANCES ABOVE AND BESIDE ROADWAYS ACCORDING TO DESIGN DOCUMENTS.
- PROVIDE PIER PROTECTION ACCORDING TO DESIGN DOCUMENTS.
- REFER TO GEOTECHNICAL REQUIREMENTS FOR PULLING OR CUTTING EXISTING PILES IN CONFLICT WITH NEW SUBSTRUCTURE.

Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

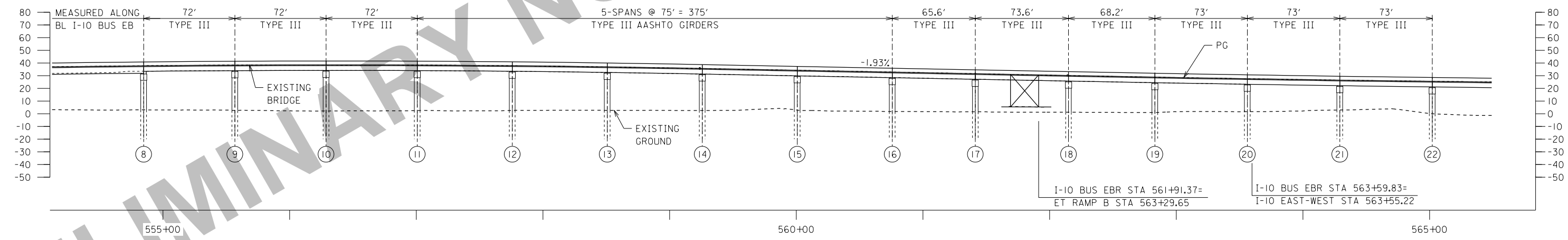
ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 1 OF 7	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EAST TUNNEL I-10 BUSINESS EASTBOUND ON RAMP	
REVISIONS	MOBILE COUNTY, ALABAMA	
GENERAL PLAN AND ELEVATION (1 OF 6)		
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

PLOT DRIVER: HDR\_ALDOT\_PDF\_BW\_HALF\_SIZE.pltcfgr  
 USER: d0w27781  
 FILE: \PENTABLE: HDR\_ALDOT.tb1  
 SCALE: 1:0.166666  
 DATE: 1/12/2018



PLAN

OVERALL LENGTH OF REQ'D BRIDGE = 4,917.96'  
BIN NO. =



ELEVATION

NOTES:

- SEE SHEET 7 FOR TYPICAL SECTIONS.
- REFER TO ROADWAY DRAWINGS FOR VERTICAL CURVE AND SUPERELEVATION DATA.
- PROVIDE CLOSED DECK DRAINAGE SYSTEM WITH GROUND LEVEL DISCHARGE AT COLUMN LOCATIONS FOR THIS RAMP TO STA. 564+00. (NO OPEN SCUPPERS)
- PROVIDE MINIMUM CLEARANCES ABOVE AND BESIDE ROADWAYS ACCORDING TO DESIGN DOCUMENTS.
- PROVIDE PIER PROTECTION ACCORDING TO DESIGN DOCUMENTS.
- REFER TO GEOTECHNICAL REQUIREMENTS FOR PULLING OR CUTTING EXISTING PILES IN CONFLICT WITH NEW SUBSTRUCTURE.

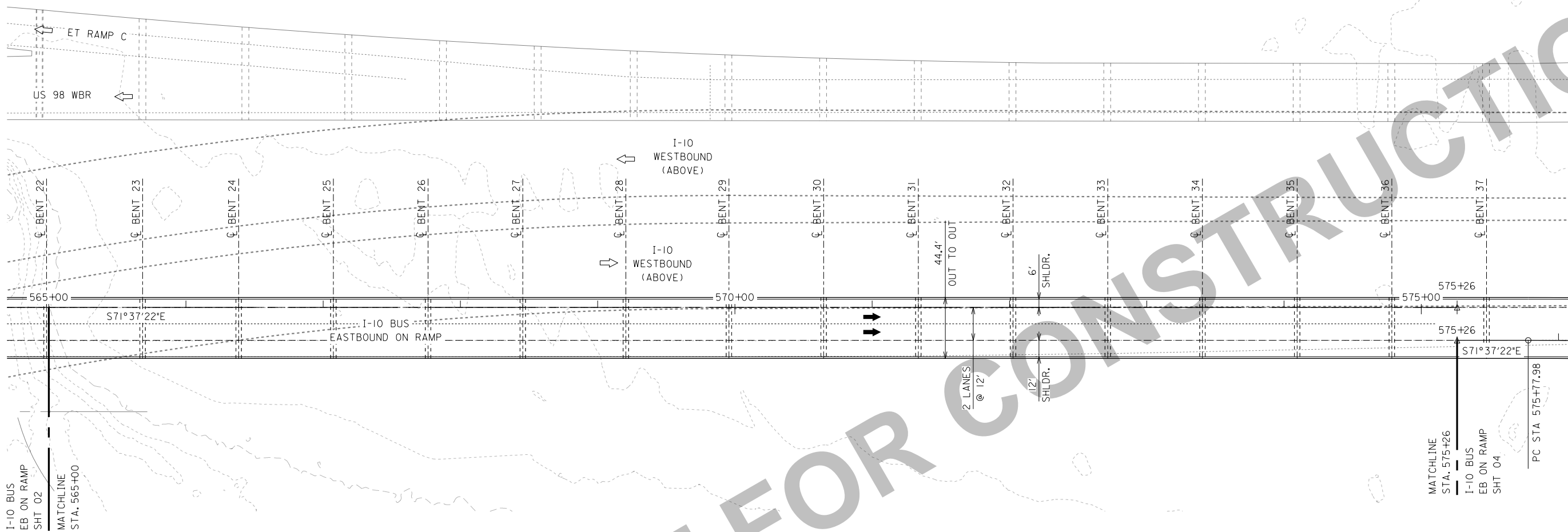
Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 2 OF 7	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EAST TUNNEL I-10 BUSINESS EASTBOUND ON RAMP	
REVISIONS	MOBILE COUNTY, ALABAMA	
GENERAL PLAN AND ELEVATION (2 OF 6)		
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

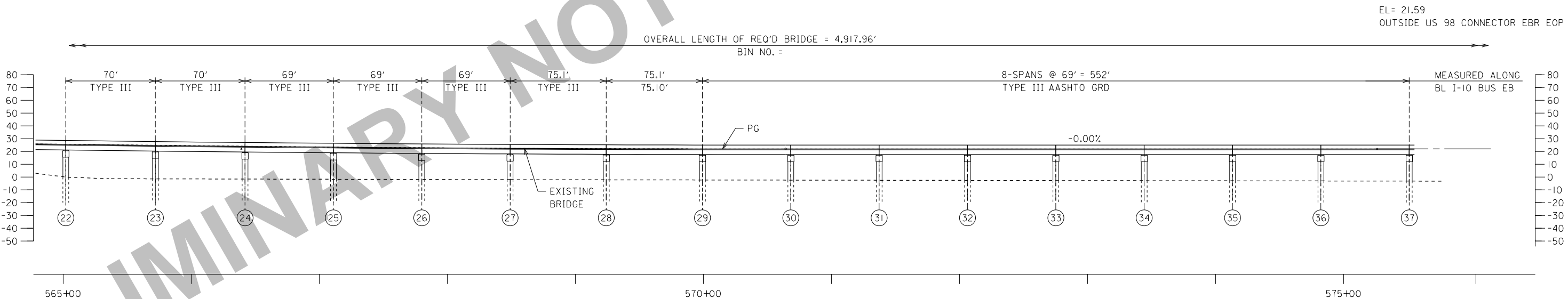
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USER: d0w27781  
FILE: \

PENTABLE: HDR\_ALDOT.tb1  
SCALE: 1:0.166666

DATE: 1/12/2018



PLAN



ELEVATION

NOTES:

- SEE SHEET 7 FOR TYPICAL SECTIONS.
- REFER TO ROADWAY DRAWINGS FOR VERTICAL CURVE AND SUPERELEVATION DATA.
- BENT SPACING SET TO ALIGN WITH NEAR HIGH LEVEL APPROACH SUBSTRUCTURE.

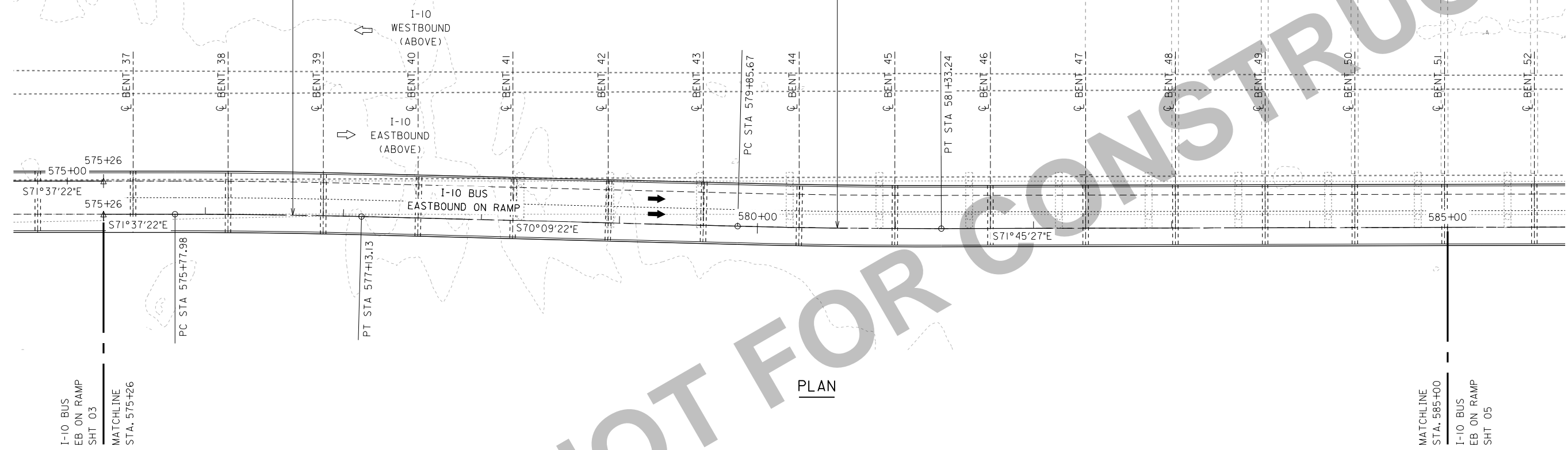
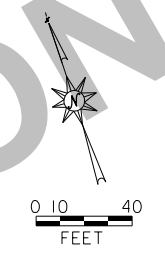
Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 3 OF 7	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EAST TUNNEL I-10 BUSINESS EASTBOUND ON RAMP	
REVISIONS	MOBILE COUNTY, ALABAMA	
GENERAL PLAN AND ELEVATION (3 OF 6)		
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

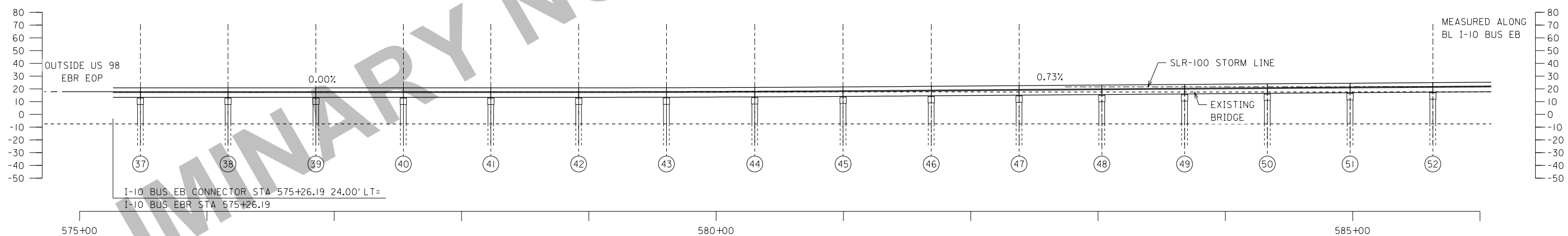
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 SCALE: 1:0.166666  
 DATE: 1/12/2018

CURVE NO. ET6  
 PI= STA 579+45.56  
 N = 251422.45  
 E = 1804923.94  
 R = 5280.00'  
 D = 1°05'07"  
 L = 135.16'  
 DELTA = 1°27'59.90" RT  
 T = 67.58'

CURVE NO. ET7  
 PI= STA 580+59.46  
 N = 251281.95  
 E = 1805313.27  
 R = 5280.00'  
 D = 1°05'07"  
 L = 147.57'  
 DELTA = 1°36'04.91" LT  
 T = 73.79'



PLAN



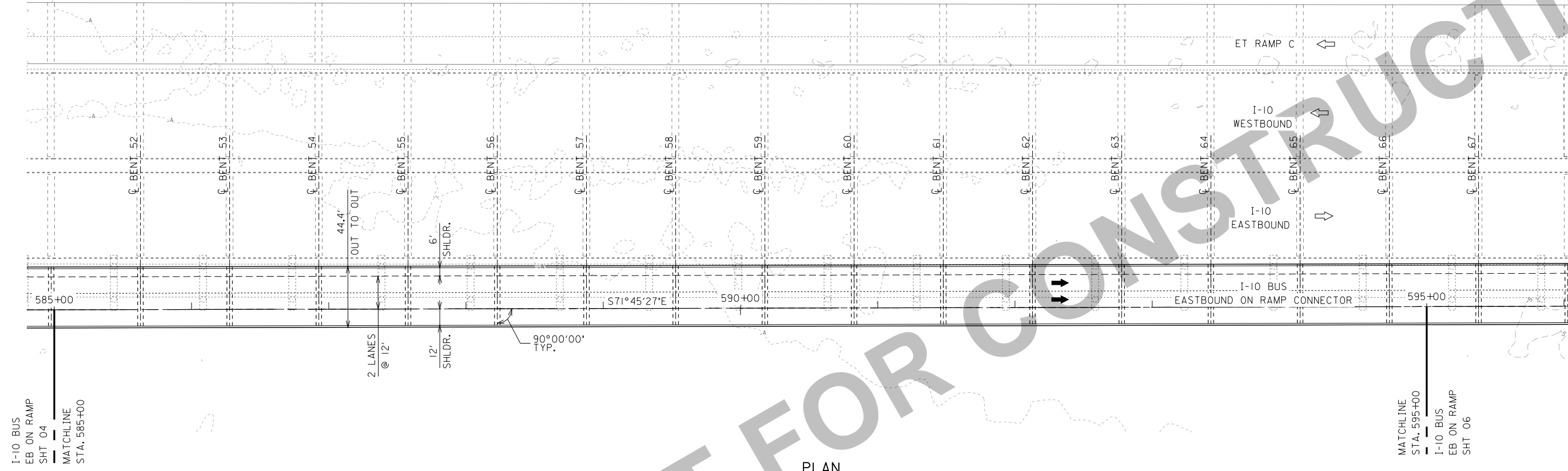
ELEVATION

NOTES:

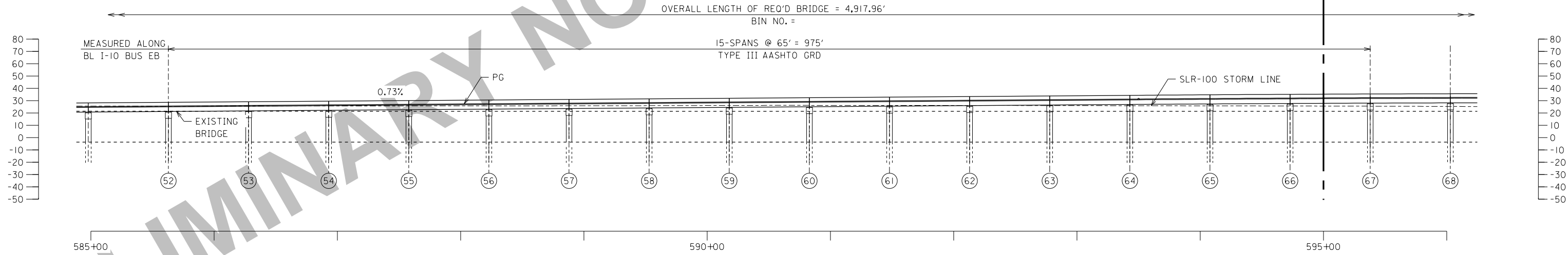
- SEE SHEET 7 FOR TYPICAL SECTIONS.
- REFER TO ROADWAY DRAWINGS FOR VERTICAL CURVE AND SUPERELEVATION DATA.
- BENT SPACING SET TO ALIGN WITH NEAR HIGH LEVEL APPROACH AND I-10 BAYWAY SUBSTRUCTURE.

Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 4 OF 7	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EAST TUNNEL I-10 BUSINESS EASTBOUND ON RAMP	
REVISIONS	MOBILE COUNTY, ALABAMA	
GENERAL PLAN AND ELEVATION (1 OF 6)		
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN



PLAN



ELEVATION

NOTES:

- SEE SHEET 7 FOR TYPICAL SECTIONS.
- REFER TO ROADWAY DRAWINGS FOR VERTICAL CURVE AND SUPERELEVATION DATA.
- BENT SPACING SET TO ALIGN WITH NEAR HIGH LEVEL APPROACH AND I-10 BAYWAY SUBSTRUCTURE.

Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 5 OF 7	PROJECT NO.	MOBILE RIVER BRIDGE AND BAYWAY EAST TUNNEL I-10 BUSINESS EASTBOUND ON RAMP
REVISIONS	MOBILE COUNTY, ALABAMA	
GENERAL PLAN AND ELEVATION (5 OF 6)		
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

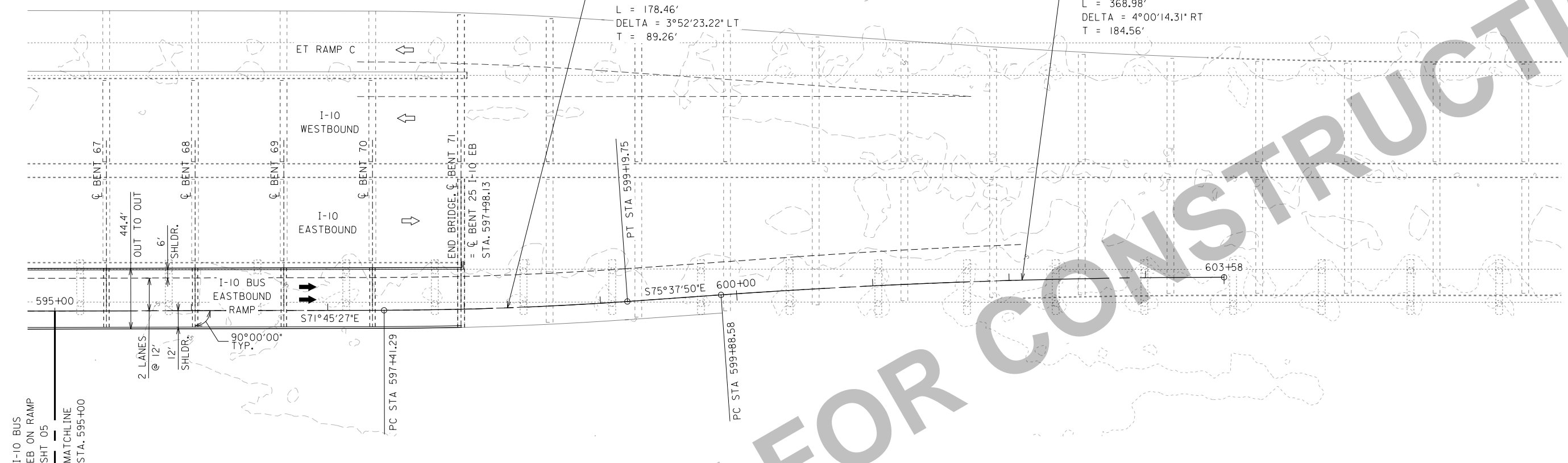
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 SCALE: 1:0.166666  
 DATE: 1/12/2018

REFERENCE PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER
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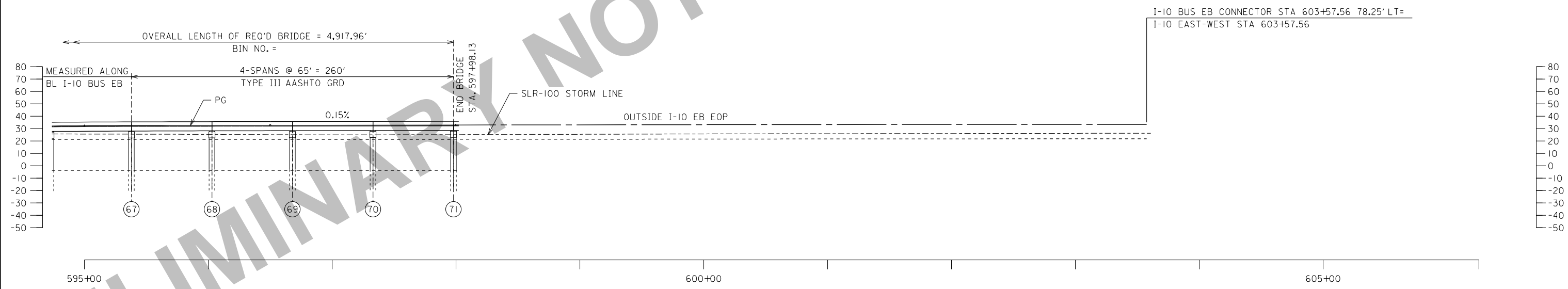


CURVE NO. ET8  
 PI STA 598+30.55  
 N = 250727.52  
 E = 1806995.36  
 R = 2640.00'  
 D = 2°10'13"  
 L = 178.46'  
 DELTA = 3°52'23.22" LT  
 T = 89.26'

CURVE NO. ET9  
 PI STA 601+73.15  
 N = 250642.48  
 E = 1807327.30  
 R = 5280.00'  
 D = 1°05'07"  
 L = 368.98'  
 DELTA = 4°00'14.31" RT  
 T = 184.56'



**PLAN**



**ELEVATION**

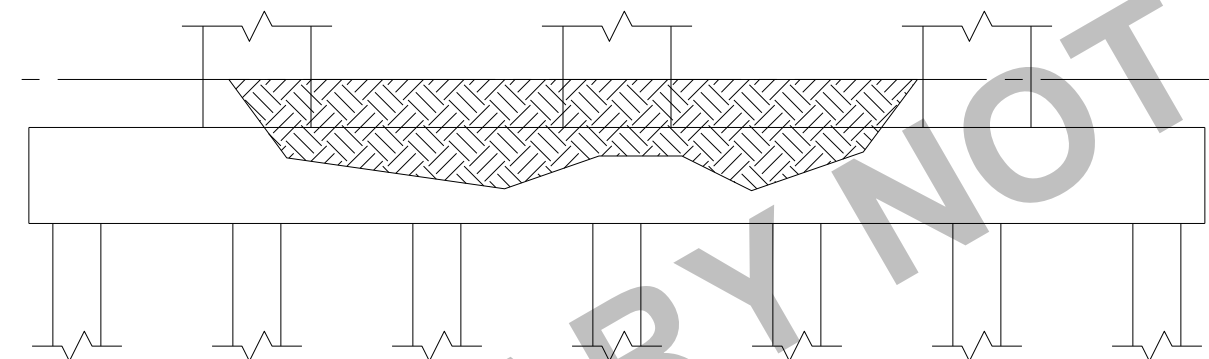
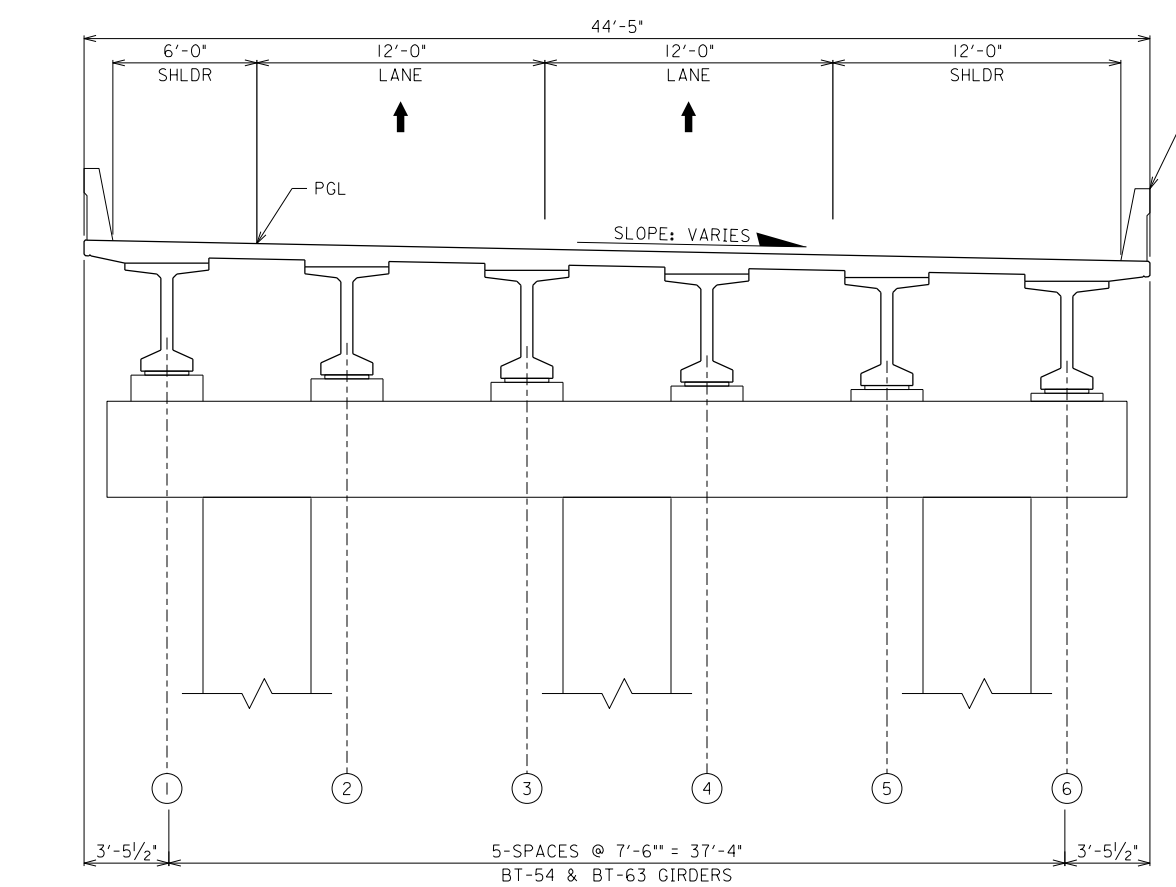
**NOTES:**

1. SEE SHEET 5 FOR CONTINUATION.
2. SEE SHEET 7 FOR TYPICAL SECTIONS.
3. REFER TO ROADWAY DRAWINGS FOR VERTICAL CURVE AND SUPERELEVATION DATA.
4. BENT SPACING SET TO ALIGN WITH NEAR HIGH LEVEL APPROACH AND I-10 BAYWAY SUBSTRUCTURE.

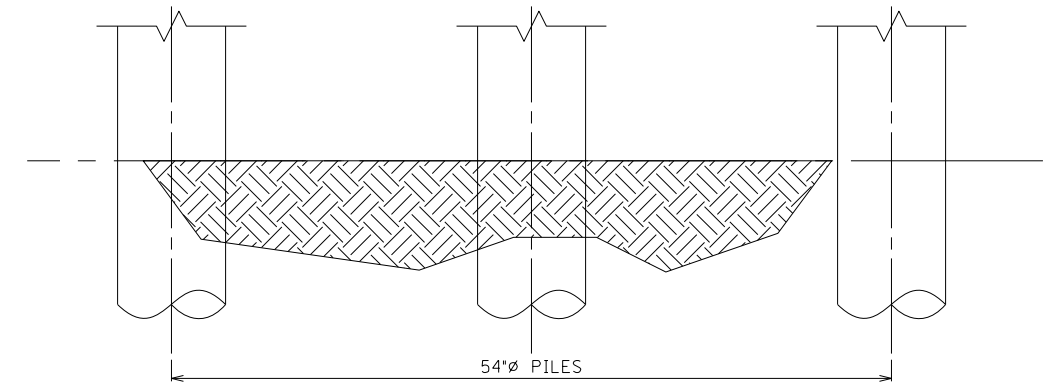
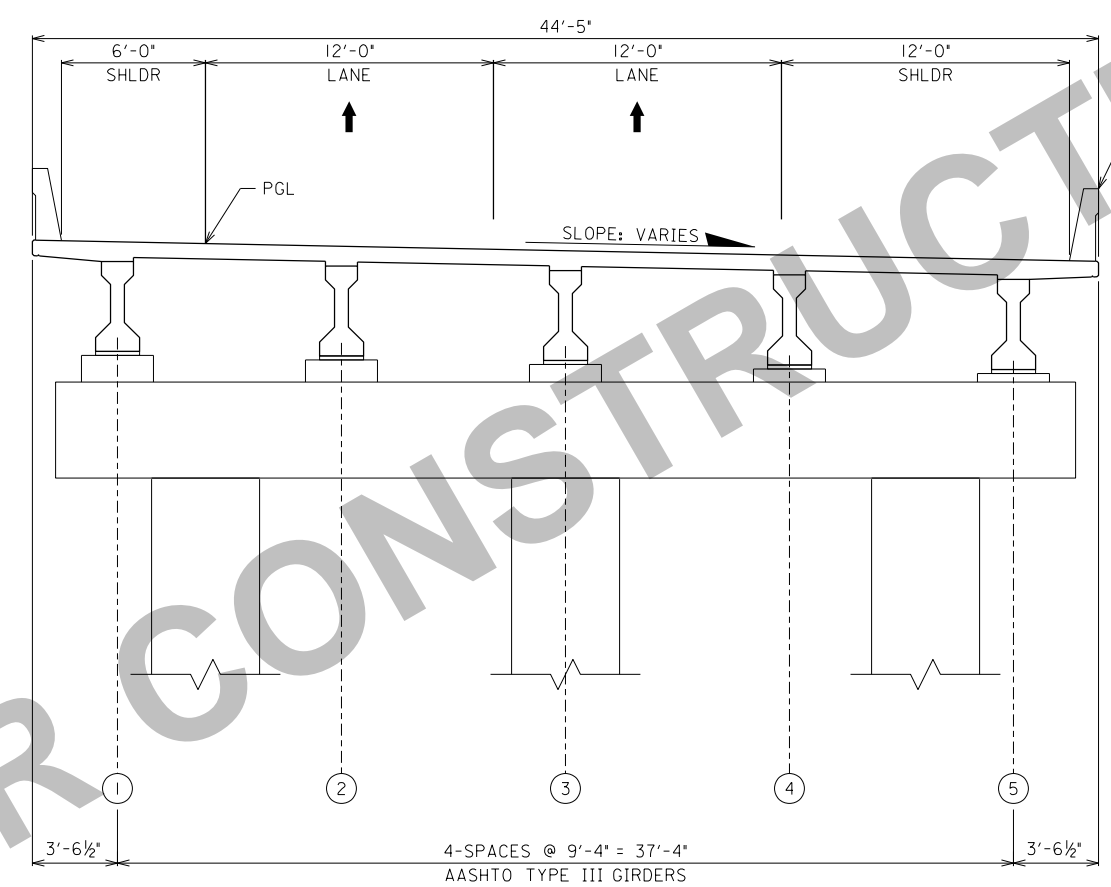
Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 6 OF 7 REVISIONS	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EAST TUNNEL I-10 BUSINESS EASTBOUND ON RAMP  MOBILE COUNTY, ALABAMA  GENERAL PLAN AND ELEVATION (6 OF 6)	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

PENTABLE: HDR\_ALDOT.tb1  
 SCALE: 1:0.166666  
 PLOT DRIVER: HDR\_ALDOT.PDF BW HALF SIZE.pltcfgr  
 USER: d0w2781 DATE: 1/12/2018  
 FILE: \



EAST TUNNEL I-10 BUS EASTBOUND ON RAMP TYPICAL SECTION  
(BT-54 & BT-63 SPANS ADJACENT TO ROADWAY)



EAST TUNNEL I-10 BUS EASTBOUND ON RAMP TYPICAL SECTION  
(TYPICAL TYPE III SPANS)

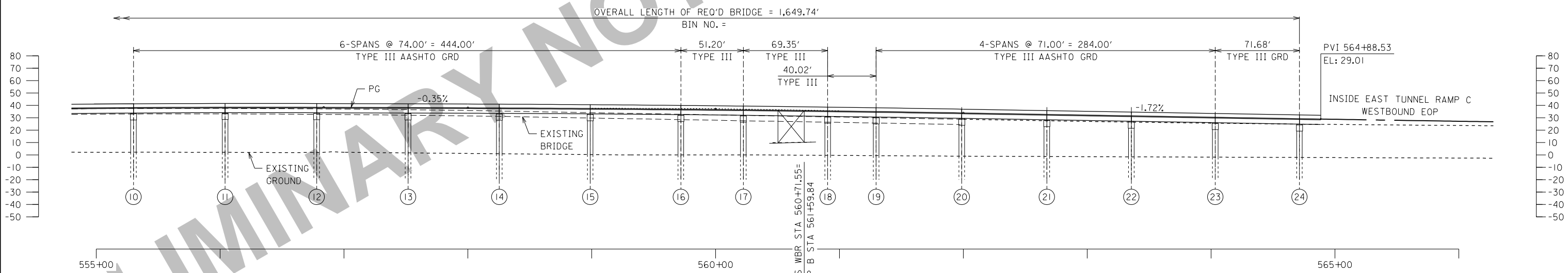
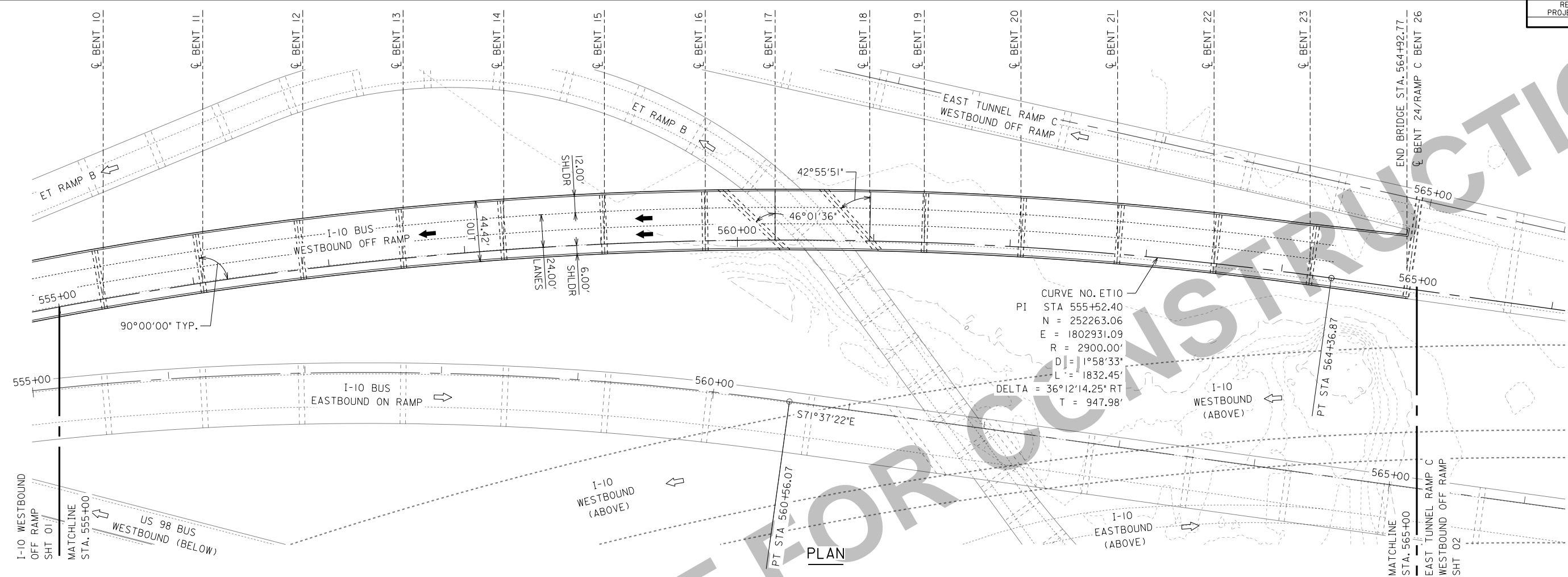
NOTES:

1. REFER TO ROADWAY DRAWINGS FOR SUPERELEVATION AND CROSS-SLOPE INFORMATION.
2. MAINTAIN MINIMUM VERTICAL CLEARANCE TO LOW MEMBER AS FOLLOWS:
  - A. 1'-0" ABOVE 100-YEAR STORM SURGE ELEVATION (SEE NOTE FOR RAMP ENDS).
  - B. 17'-0" ABOVE ROADWAY LANES.
  - C. BOTTOM OF PRESTRESSED BEAMS OVER WATER - EL. 8.0' MINIMUM.
  - D. 3'-0" BOTTOM OF PRESTRESSED BEAMS OVER GRADE.
3. RAMP ENDS - RAMP ENDS OVER WATER WHICH CANNOT MAINTAIN 1'-0" MINIMUM CLEARANCE ABOVE THE 100-YEAR STORM SURGE SHALL BE DESIGNED TO WITHSTAND THE STORM SURGE HYDRAULIC FORCES.
4. PROVIDE DECK DRAINAGE SCUPPERS ACCORDING TO ALDOT STRUCTURAL DESIGN MANUAL SECTION 2 (NOT SHOWN). PROVIDE CLOSED DRAINAGE SYSTEM FOR AREAS WHERE SCUPPERS ARE PROHIBITED AND ADJACENT SCUPPERS ARE NOT ADEQUATE TO CONVEY FLOW.

Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 7 OF 7	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EAST TUNNEL I-10 BUSINESS EASTBOUND ON RAMP MOBILE COUNTY, ALABAMA	
REVISIONS	TYPICAL BRIDGE SECTION	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN





**NOTES:**

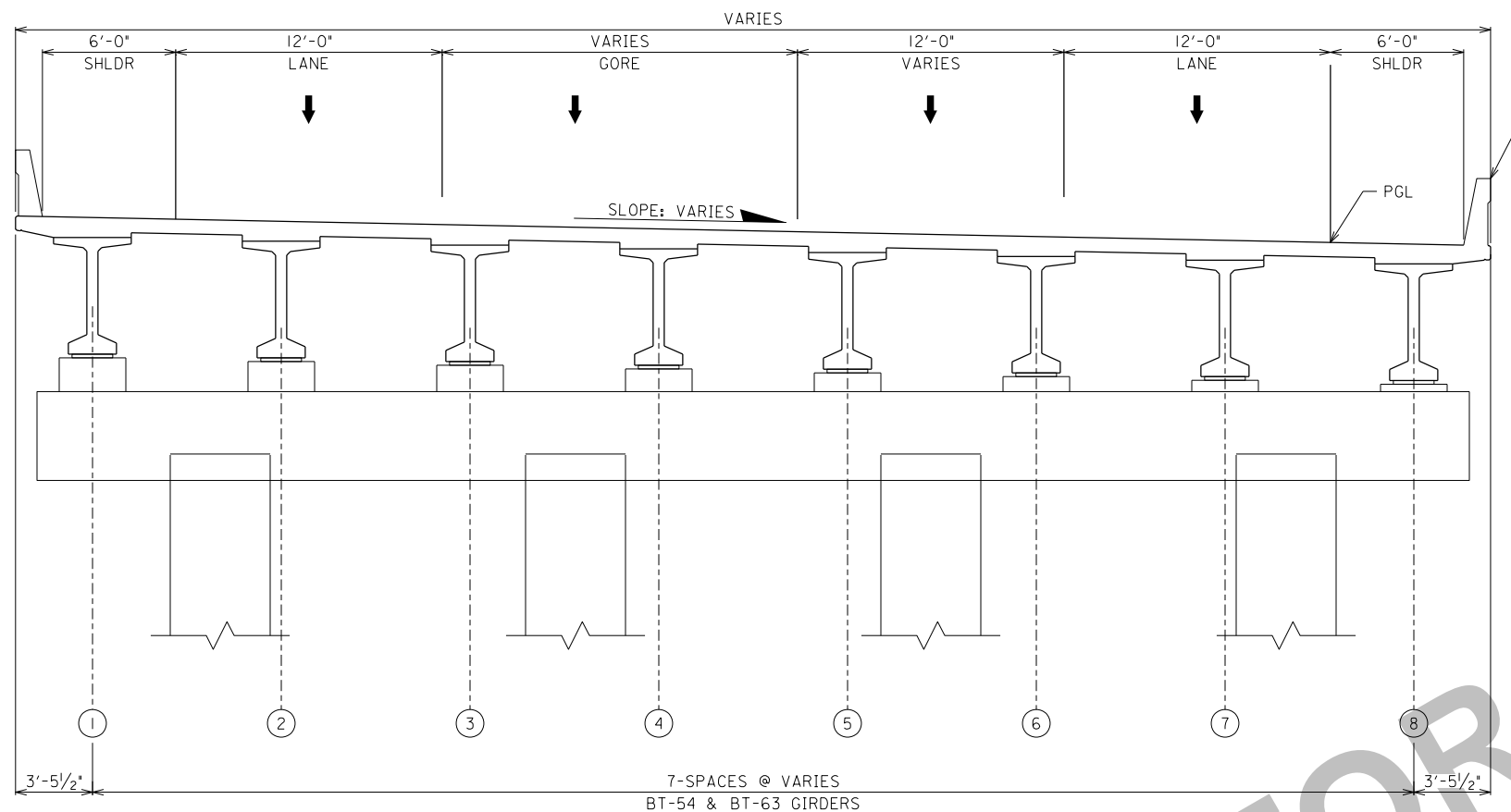
- SEE SHEET 1 FOR CONTINUATION.
- SEE SHEET 3 FOR TYPICAL SECTIONS.
- REFER TO ROADWAY DRAWINGS FOR VERTICAL CURVE AND SUPERELEVATION DATA.
- PROVIDE CLOSED DECK DRAINAGE SYSTEM WITH GROUND LEVEL DISCHARGE AT COLUMN LOCATIONS FOR THIS RAMP. (NO OPEN SCUPPERS)
- PROVIDE 17.00' MINIMUM VERTICAL CLEARANCE LOW MEMBER TO TRAVEL LANE ABOVE ROADWAYS; 8.00' MINIMUM HORIZONTAL CLEARANCE LANE EDGE TO FACE OF PIER PROTECTION CONCRETE BARRIER AND 2.00' MINIMUM DISTANCE FACE OF CONCRETE BARRIER TO COLUMN ALONG ROADWAYS.
- REFER TO GEOTECHNICAL REQUIREMENTS FOR PULLING OR CUTTING EXISTING PILES IN CONFLICT WITH NEW SUBSTRUCTURE.

**ELEVATION**

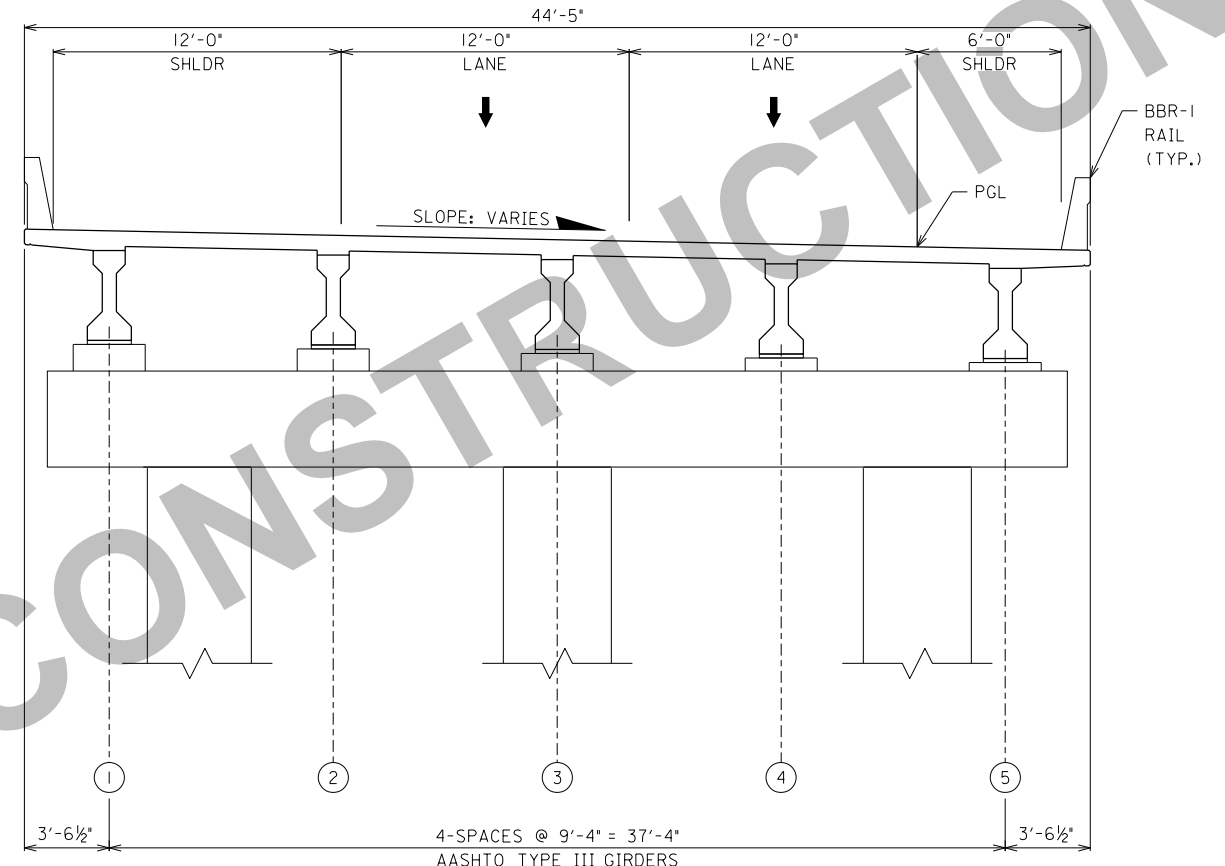
Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION			
BRIDGE SHEET NO. 2 OF 3		PROJECT NO.	
REVISIONS		MOBILE RIVER BRIDGE AND BAYWAY EAST TUNNEL I-10 BUSINESS WESTBOUND OFF RAMP	
		MOBILE COUNTY, ALABAMA	
		GENERAL PLAN AND ELEVATION (2 OF 2)	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:	
COMPUTED BY:	CHECKED BY:	DATE DRAWN:	
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN	
BIN: 011930			

PLOT DRIVER: HDR\_ALDOT\_PDF\_BW\_HALF\_SIZE.pltcfgr  
 USER: d0w27781  
 FILE: \PENTABLE: HDR\_ALDOT.td1  
 SCALE: 1:0.166666  
 DATE: 1/12/2018



EAST TUNNEL I-10 BUS WESTBOUND OFF RAMP TYPICAL SECTION  
(BT-54 & BT-63 SPANS ADJACENT TO ROADWAY)



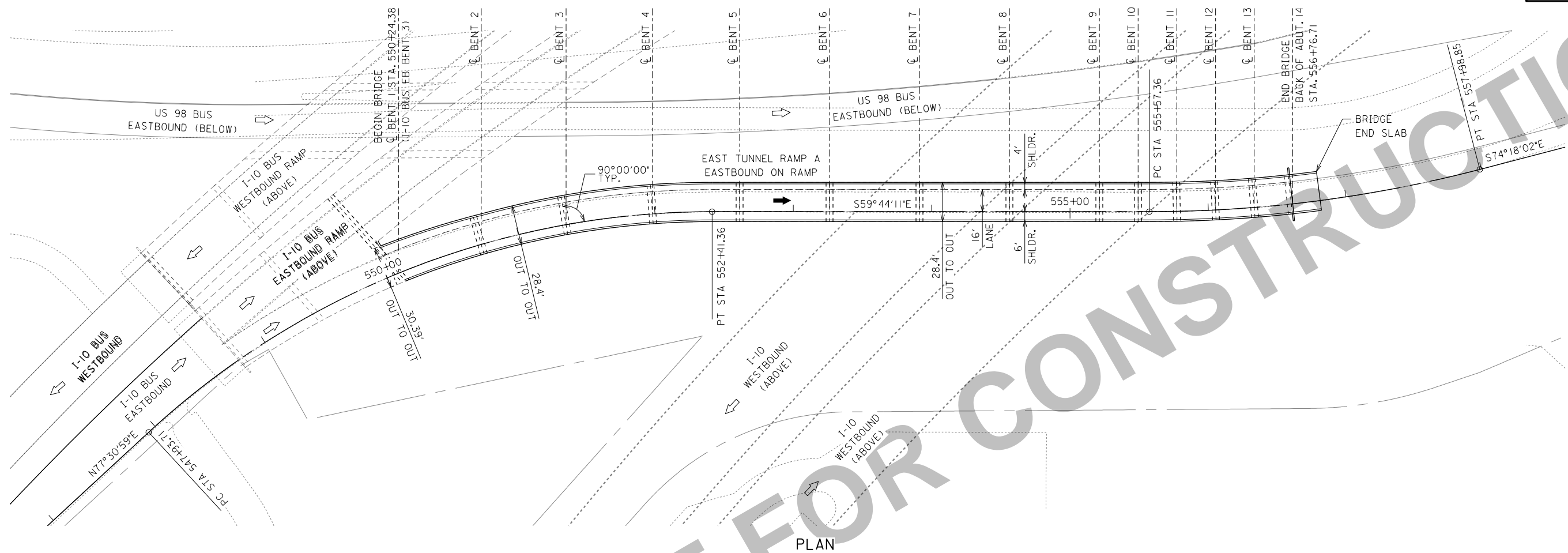
EAST TUNNEL I-10 BUS WESTBOUND OFF RAMP TYPICAL SECTION  
(TYPICAL TYPE III SPANS)

**NOTES:**

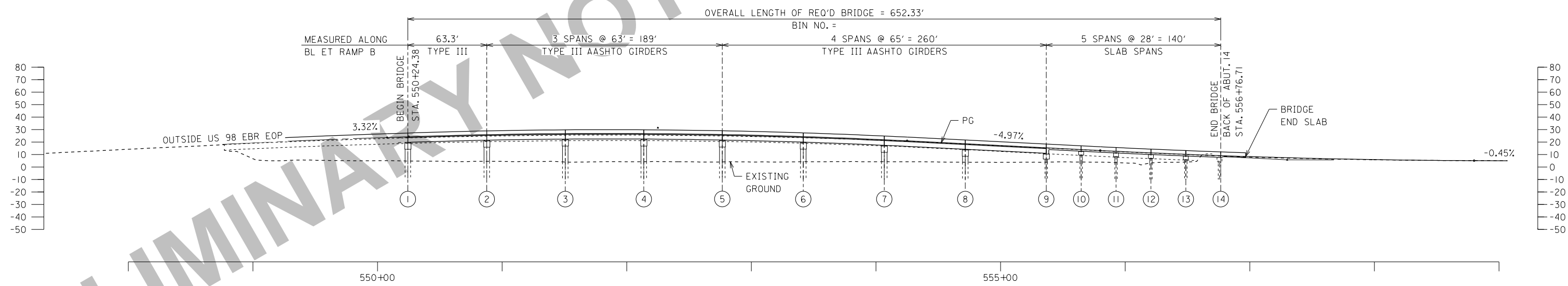
1. REFER TO ROADWAY DRAWINGS FOR SUPERELEVATION AND CROSS-SLOPE INFORMATION.
2. MAINTAIN MINIMUM VERTICAL CLEARANCE TO LOW MEMBER AS FOLLOWS:
  - A. 1'-0" ABOVE 100-YEAR STORM SURGE ELEVATION (SEE NOTE FOR RAMP ENDS).
  - B. 17'-0" ABOVE ROADWAY LANES.
  - C. BOTTOM OF PRESTRESSED BEAMS OVER WATER - EL. 8.0' MINIMUM.
  - D. 3'-0" BOTTOM OF PRESTRESSED BEAMS OVER GRADE.
3. RAMP ENDS - RAMP ENDS OVER WATER WHICH CANNOT MAINTAIN 1'-0" MINIMUM CLEARANCE ABOVE THE 100-YEAR STORM SURGE SHALL BE DESIGNED TO WITHSTAND THE STORM SURGE HYDRAULIC FORCES.
4. PROVIDE DECK DRAINAGE SCUPPERS ACCORDING TO ALDOT STRUCTURAL DESIGN MANUAL SECTION 2 (NOT SHOWN). PROVIDE CLOSED DECK DRAINAGE SYSTEM FOR AREAS WHERE SCUPPERS ARE PROHIBITED AND ADJACENT SCUPPERS ARE NOT ADEQUATE TO CONVEY FLOW.

Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 3 OF 3	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EAST TUNNEL I-10 BUSINESS WESTBOUND OFF RAMP MOBILE COUNTY, ALABAMA	
REVISIONS	TYPICAL BRIDGE SECTION	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN



PLAN



ELEVATION

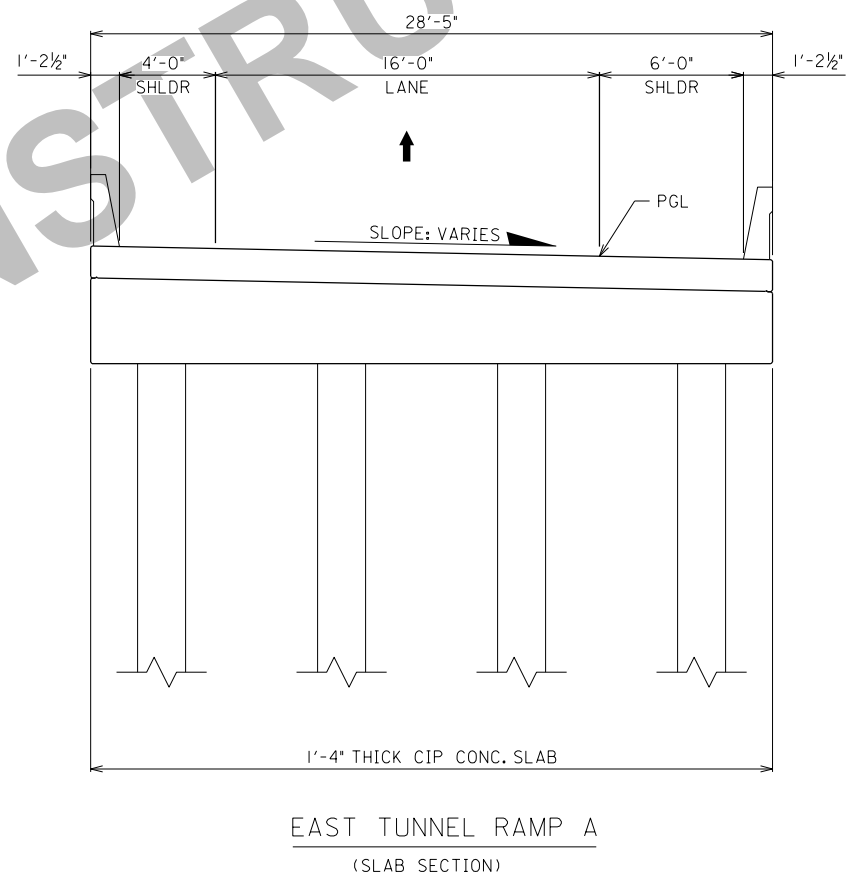
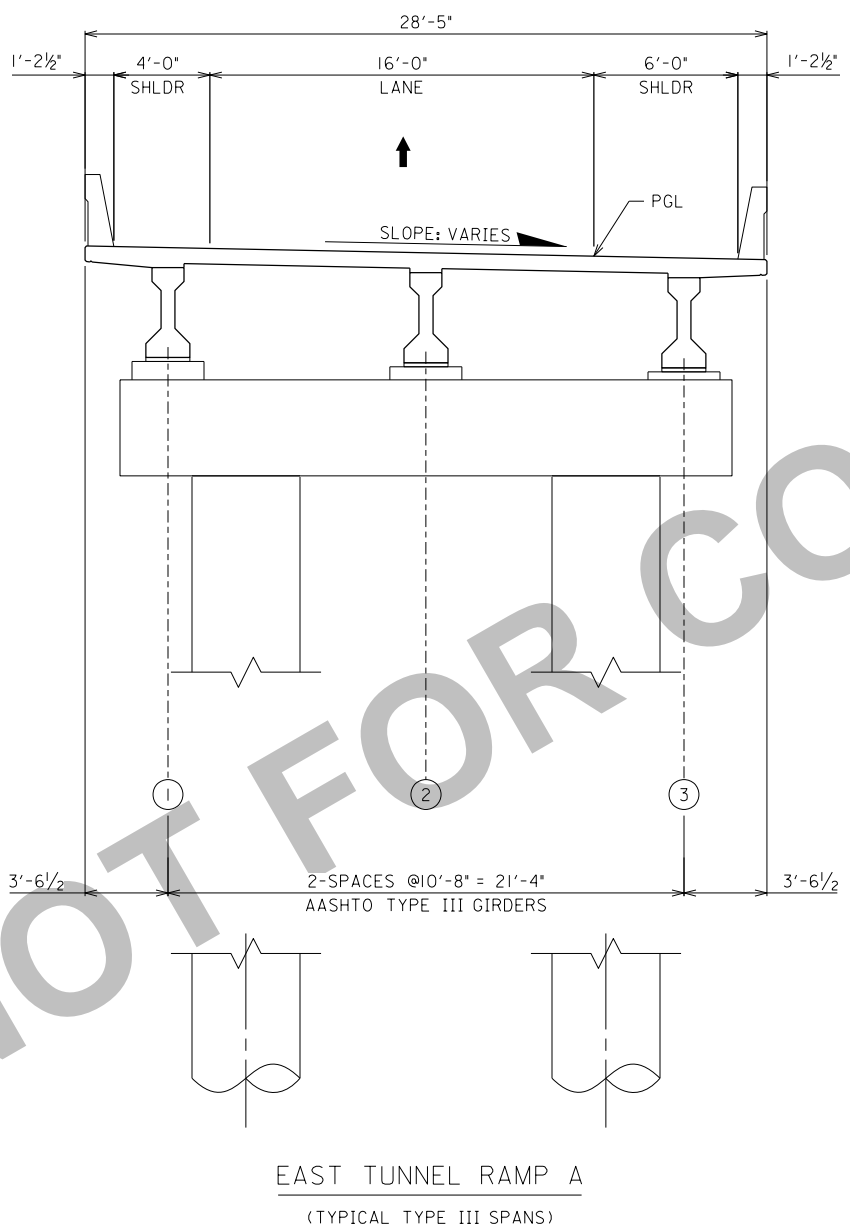
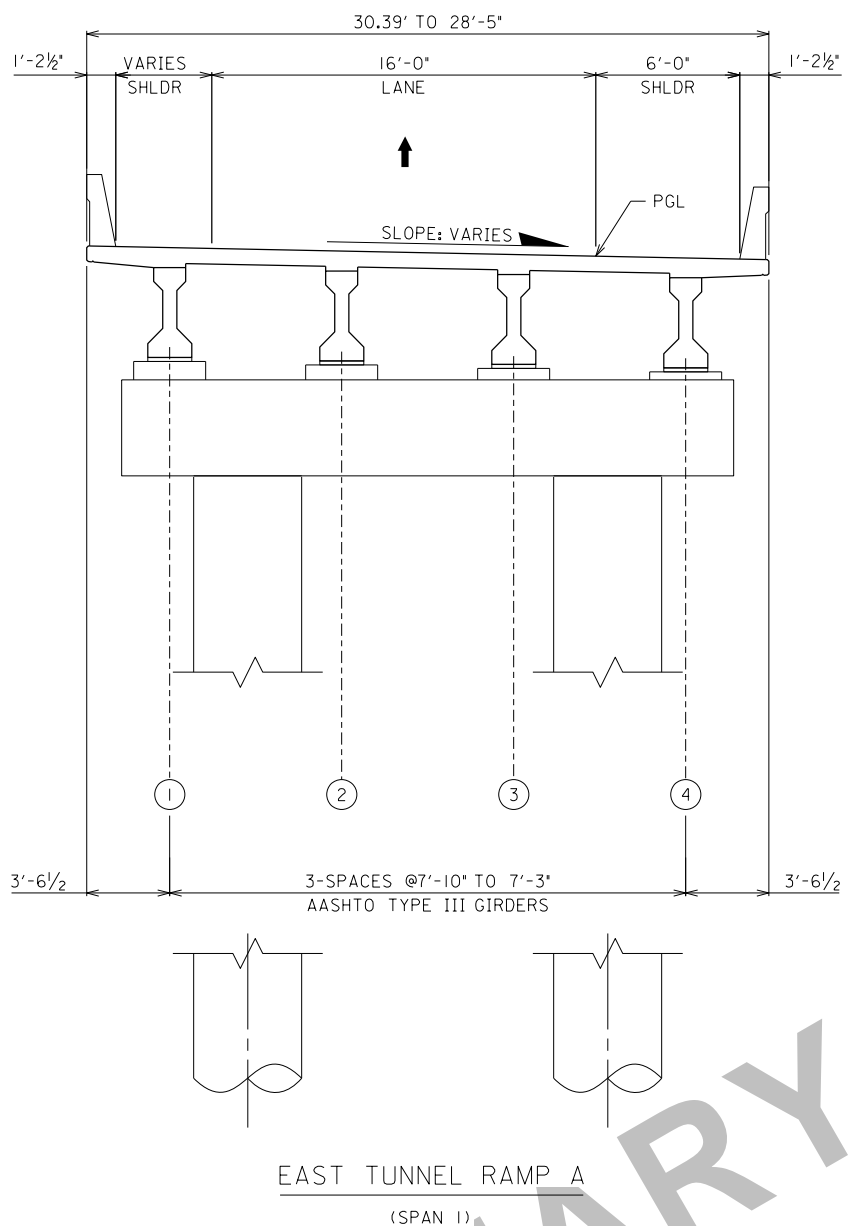
NOTES:

- SEE SHEET 2 FOR TYPICAL SECTIONS.
- REFER TO ROADWAY DRAWINGS FOR VERTICAL CURVE AND SUPERELEVATION DATA.
- REFER TO GEOTECHNICAL REQUIREMENTS FOR PULLING OR CUTTING EXISTING PILES IN CONFLICT WITH NEW SUBSTRUCTURE.

Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 1 OF 2	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EAST TUNNEL I-10 BUSINESS EASTBOUND ON RAMP RAMP A MOBILE COUNTY, ALABAMA	
REVISIONS	GENERAL PLAN AND ELEVATION (1 OF 1)	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

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 SCALE: 1:0.166666  
 DATE: 1/12/2018

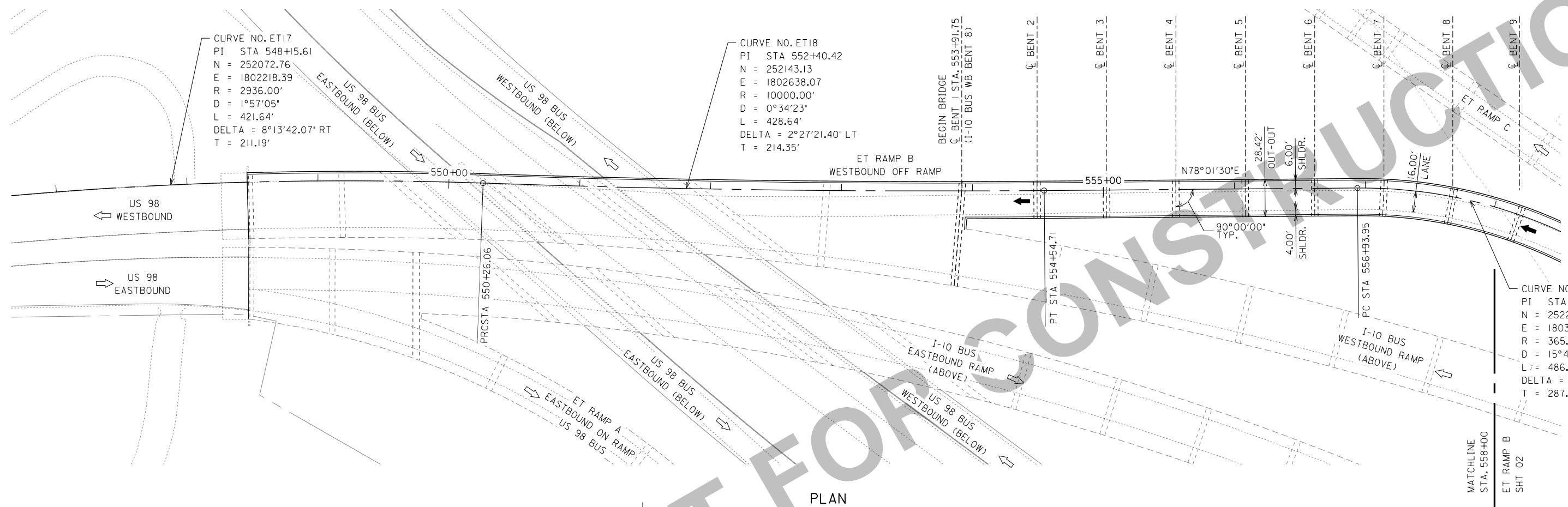
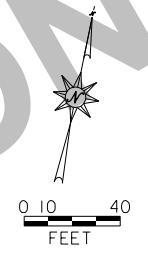


**NOTES:**

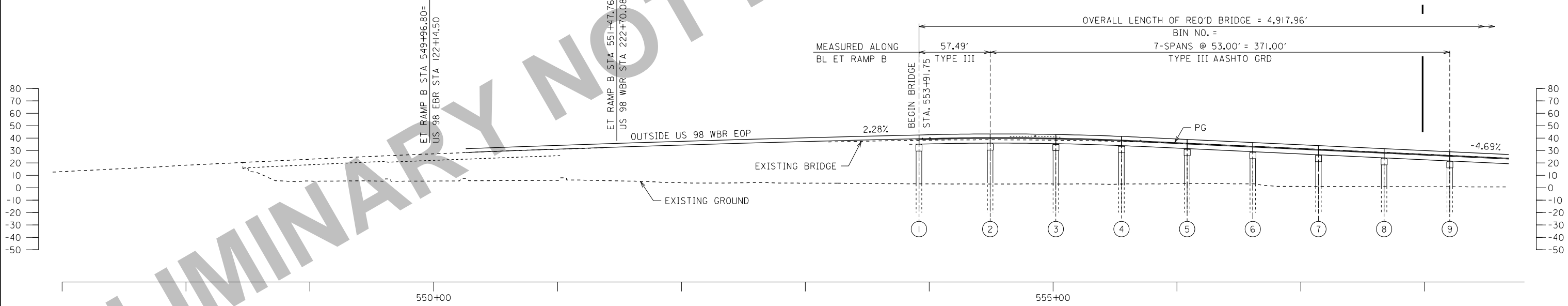
1. REFER TO ROADWAY DRAWINGS FOR SUPERELEVATION AND CROSS-SLOPE INFORMATION.
2. MAINTAIN MINIMUM VERTICAL CLEARANCE TO LOW MEMBER AS FOLLOWS:
  - A. 1'-0" ABOVE 100-YEAR STORM SURGE ELEVATION (SEE NOTE FOR RAMP ENDS).
  - B. 17'-0" ABOVE ROADWAY LANES.
  - C. BOTTOM OF PRESTRESSED BEAMS OVER WATER - EL. 8.0' MINIMUM.
  - D. 3'-0" BOTTOM OF PRESTRESSED BEAMS OVER GRADE.
3. RAMP ENDS - RAMP ENDS OVER WATER WHICH CANNOT MAINTAIN 1'-0" MINIMUM CLEARANCE ABOVE THE 100-YEAR STORM SURGE SHALL BE DESIGNED TO WITHSTAND THE STORM SURGE HYDRAULIC FORCES.
4. PROVIDE DECK DRAINAGE SCUPPERS ACCORDING TO ALDOT STRUCTURAL DESIGN MANUAL SECTION 2 (NOT SHOWN). PROVIDE CLOSED DECK DRAINAGE SYSTEM FOR AREAS WHERE SCUPPERS ARE PROHIBITED AND ADJACENT SCUPPERS ARE NOT ADEQUATE TO CONVEY FLOW.

Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 2 OF 2	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EAST TUNNEL I-10 BUSINESS EASTBOUND ON RAMP RAMP A MOBILE COUNTY, ALABAMA	
REVISIONS	TYPICAL BRIDGE SECTION	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN



PLAN



ELEVATION

NOTES:

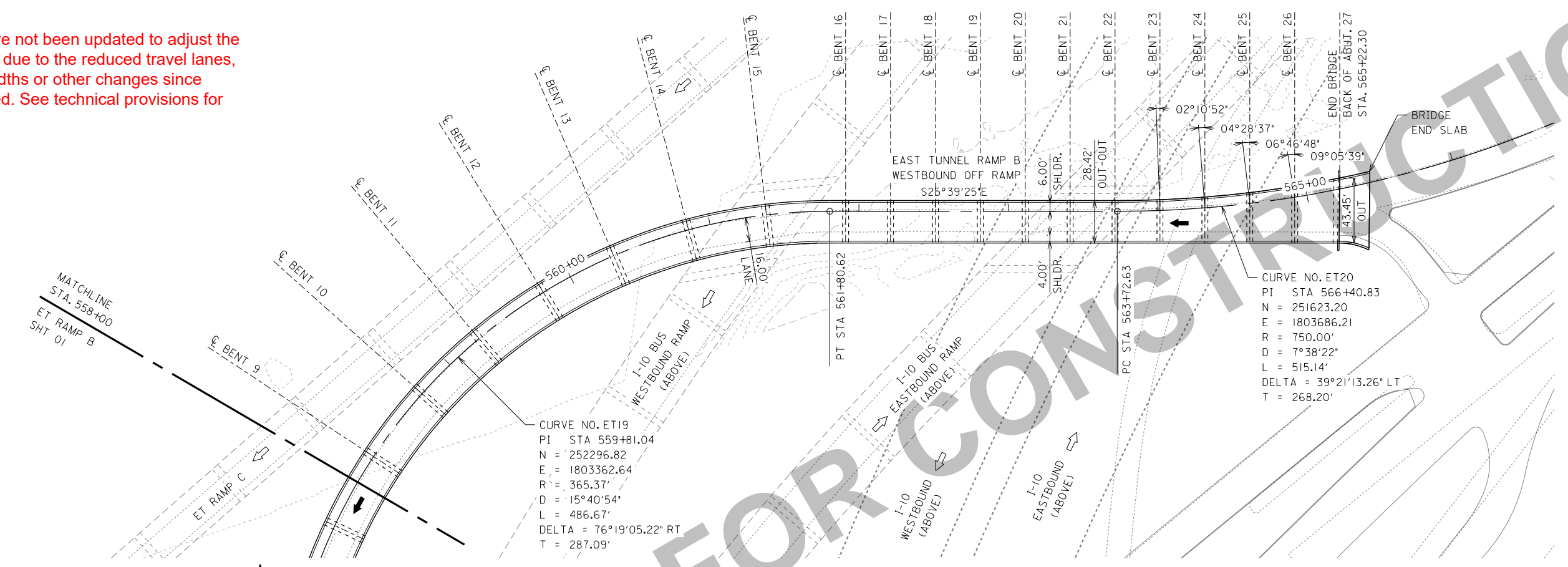
- SEE SHEET 2 FOR CONTINUATION.
- SEE SHEET 3 FOR TYPICAL SECTIONS.
- REFER TO ROADWAY DRAWINGS FOR VERTICAL CURVE AND SUPERELEVATION DATA.
- PROVIDE CLOSED DECK DRAINAGE SYSTEM WITH GROUND LEVEL DISCHARGE AT COLUMN LOCATIONS FOR THIS RAMP. (NO OPEN SCUPPERS)
- PROVIDE MINIMUM CLEARANCES ABOVE AND BESIDE ROADWAYS ACCORDING TO DESIGN DOCUMENTS.
- PROVIDE PIER PROTECTION ACCORDING TO DESIGN DOCUMENTS.
- REFER TO GEOTECHNICAL REQUIREMENTS FOR PULLING OR CUTTING EXISTING PILES IN CONFLICT WITH NEW SUBSTRUCTURE.

Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

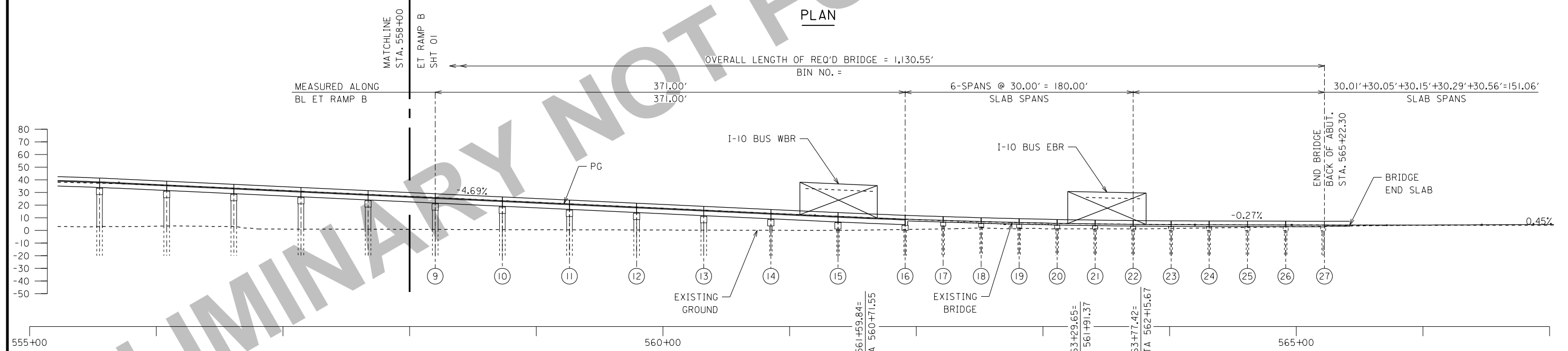
ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 1 OF 3	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EAST TUNNEL I-10 BUSINESS WESTBOUND OFF RAMP RAMP B MOBILE COUNTY, ALABAMA	
REVISIONS	GENERAL PLAN AND ELEVATION (1 OF 2)	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

PENTABLE: HDR\_ALDOT.tb1  
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 USER: d0w27781 DATE: 1/12/2018  
 FILE: \

Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements



PLAN



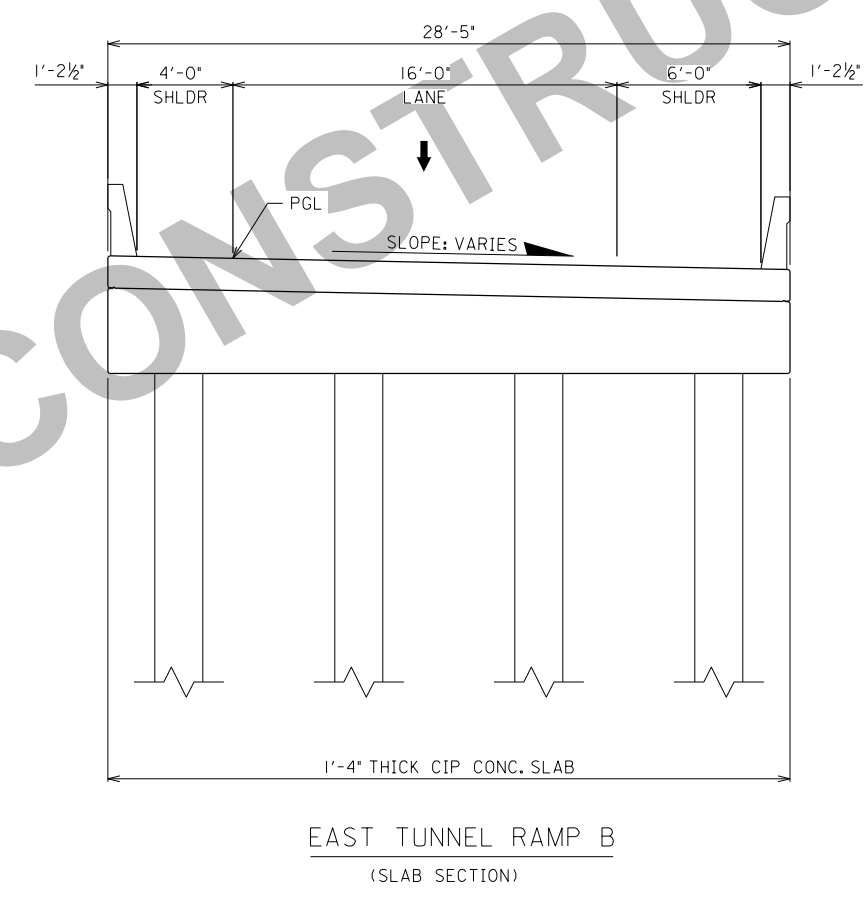
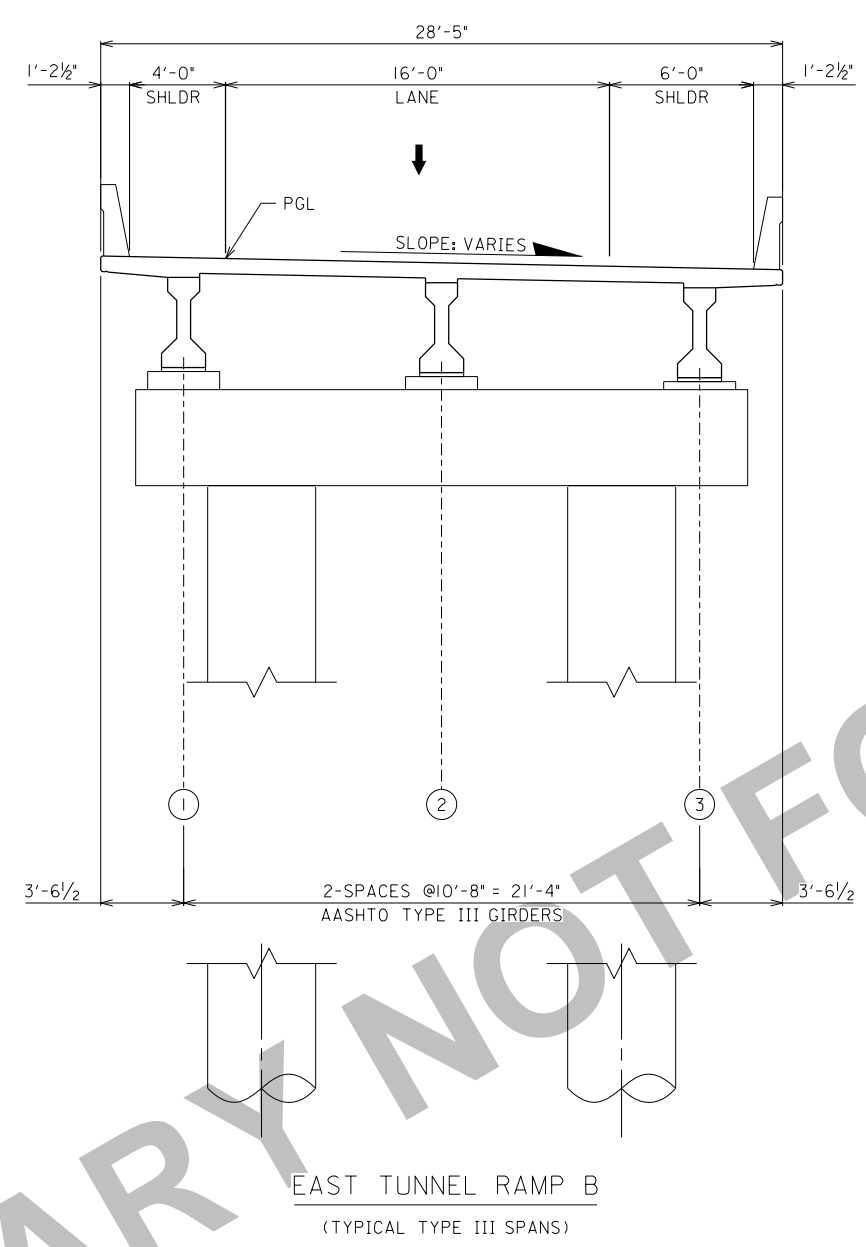
ELEVATION

NOTES:

- SEE SHEET 1 FOR CONTINUATION.
- SEE SHEET 3 FOR TYPICAL SECTIONS.
- REFER TO ROADWAY DRAWINGS FOR VERTICAL CURVE AND SUPERELEVATION DATA.
- PROVIDE CLOSED DECK DRAINAGE SYSTEM WITH GROUND LEVEL DISCHARGE AT COLUMN LOCATIONS FOR THIS RAMP. (NO OPEN SCUPPERS)
- PROVIDE MINIMUM CLEARANCES ABOVE AND BESIDE ROADWAYS ACCORDING TO DESIGN DOCUMENTS.
- PROVIDE PIER PROTECTION ACCORDING TO DESIGN DOCUMENTS.
- REFER TO GEOTECHNICAL REQUIREMENTS FOR PULLING OR CUTTING EXISTING PILES IN CONFLICT WITH NEW SUBSTRUCTURE.

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 2 OF 3	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EAST TUNNEL I-10 BUSINESS WESTBOUND OFF RAMP RAMP B MOBILE COUNTY, ALABAMA	
REVISIONS	GENERAL PLAN AND ELEVATION (2 OF 2)	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

PLOT DRIVER: HDR\_ALDOT.PDF BW HALF SIZE.pltcfgr  
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**NOTES:**

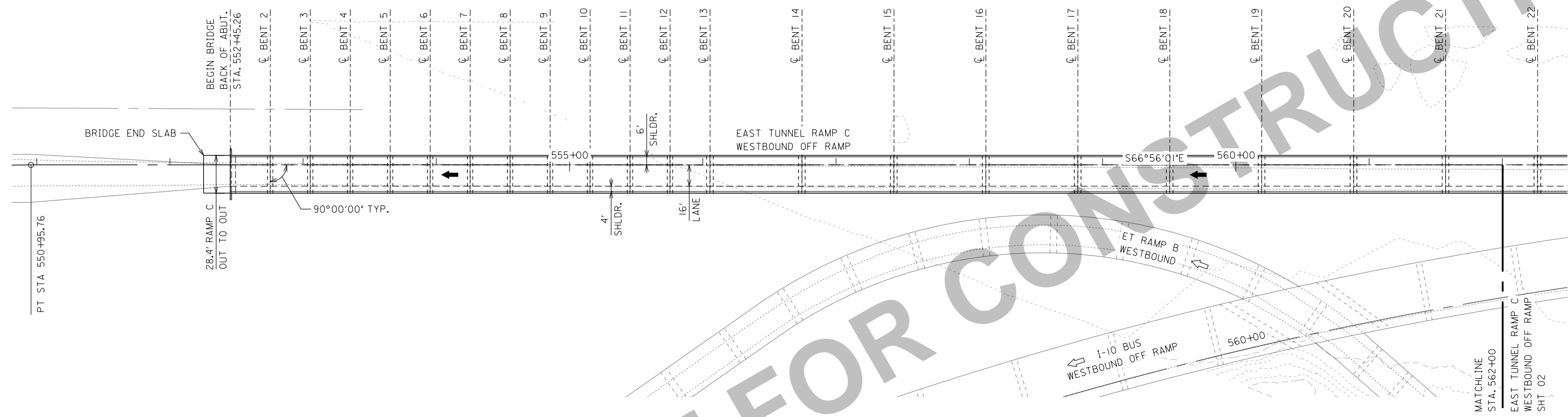
1. REFER TO ROADWAY DRAWINGS FOR SUPERELEVATION AND CROSS-SLOPE INFORMATION.
2. MAINTAIN MINIMUM VERTICAL CLEARANCE TO LOW MEMBER AS FOLLOWS:
  - A. 1'-0" ABOVE 100-YEAR STORM SURGE ELEVATION (SEE NOTE FOR RAMP ENDS).
  - B. 17'-0" ABOVE ROADWAY LANES.
  - C. BOTTOM OF PRESTRESSED BEAMS OVER WATER - EL. 8.0' MINIMUM.
  - D. 3'-0" BOTTOM OF PRESTRESSED BEAMS OVER GRADE.
3. RAMP ENDS - RAMP ENDS OVER WATER WHICH CANNOT MAINTAIN 1'-0" MINIMUM CLEARANCE ABOVE THE 100-YEAR STORM SURGE SHALL BE DESIGNED TO WITHSTAND THE STORM SURGE HYDRAULIC FORCES.
4. PROVIDE DECK DRAINAGE SCUPPERS ACCORDING TO ALDOT STRUCTURAL DESIGN MANUAL SECTION 2 (NOT SHOWN). PROVIDE CLOSED DECK DRAINAGE SYSTEM FOR AREAS WHERE SCUPPERS ARE PROHIBITED AND ADJACENT SCUPPERS ARE NOT ADEQUATE TO CONVEY FLOW.

Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

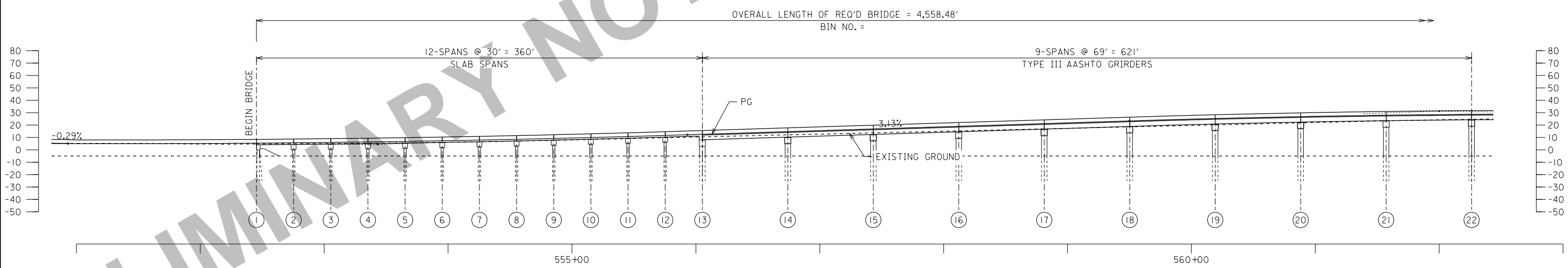
ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 3 OF 3	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EAST TUNNEL I-10 BUSINESS WESTBOUND OFF RAMP RAMP B MOBILE COUNTY, ALABAMA	
REVISIONS	TYPICAL BRIDGE SECTION	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN



0 10 40  
FEET



PLAN



ELEVATION

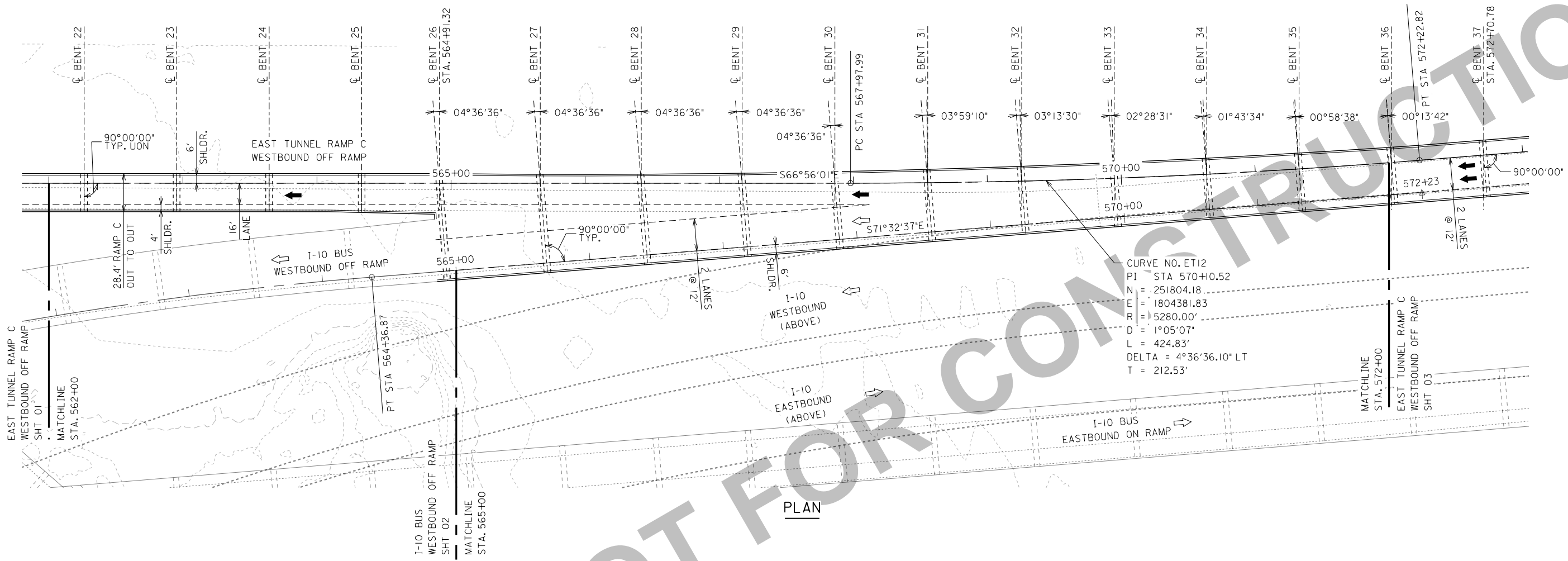
NOTES:

- SEE SHEET 6 FOR TYPICAL SECTIONS.
- REFER TO ROADWAY DRAWINGS FOR VERTICAL CURVE AND SUPERELEVATION DATA.

Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

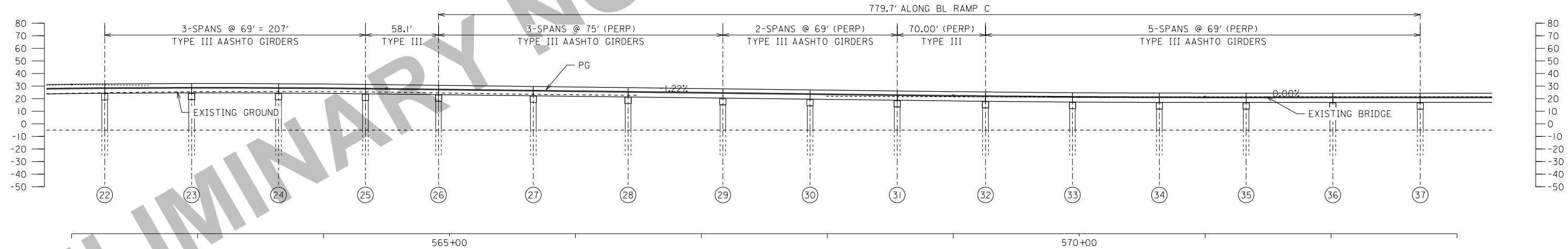
ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 1 OF 6	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EAST TUNNEL I-10 BUSINESS WESTBOUND OFF RAMP RAMP C MOBILE COUNTY, ALABAMA	
REVISIONS	GENERAL PLAN AND ELEVATION (1 OF 5)	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

PLOT DRIVER: HDR\_ALDOT\_PDF\_BW\_HALF\_SIZE.pltcfgr  
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 DATE: 1/12/2018



PLAN

OVERALL LENGTH OF REQ'D BRIDGE = 4,558.48'  
 BIN NO. =



ELEVATION

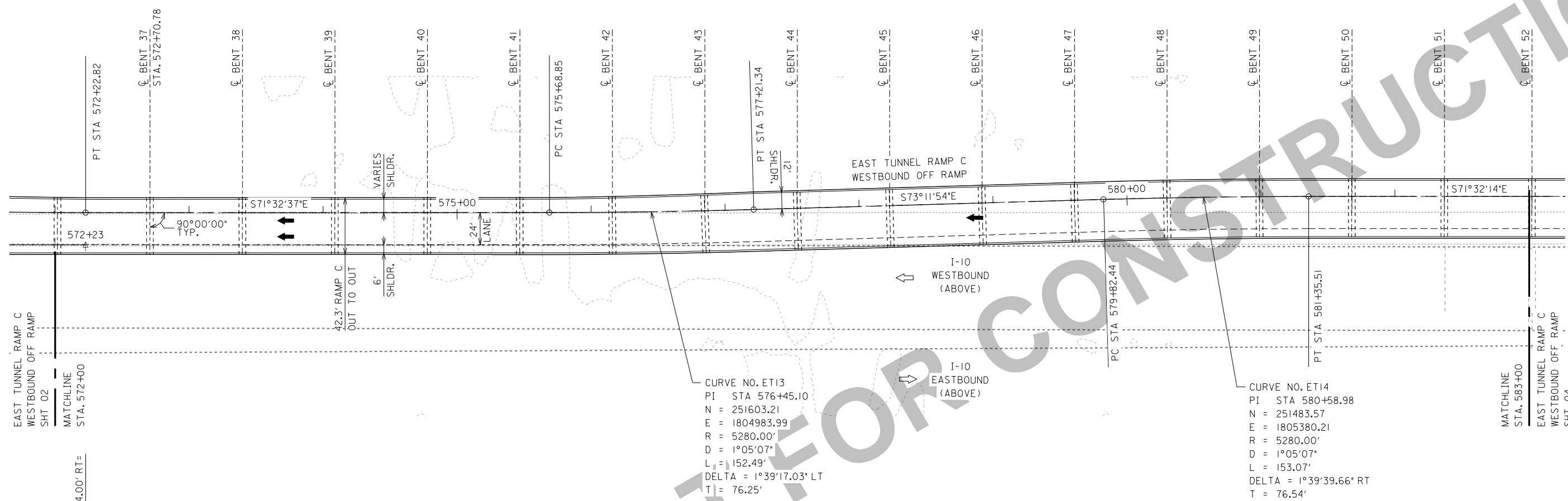
NOTES:

- SEE SHEET 6 FOR TYPICAL SECTIONS.
- REFER TO ROADWAY DRAWINGS FOR VERTICAL CURVE AND SUPERELEVATION DATA.
- SPAN LENGTHS LISTED AS (PERP) ARE PERPENDICULAR TO THE BENTS ALIGNED WITH I10 BUS WB RAMP BASELINE.
- BENT SPACING SET TO ALIGN WITH ADJACENT HIGH LEVEL APPROACH PIERS.

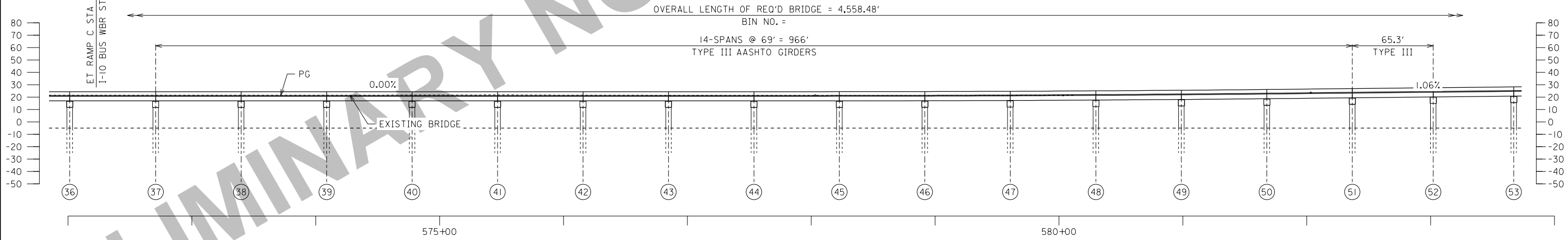
Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION			
BRIDGE SHEET NO. 2 OF 6	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EAST TUNNEL I-10 BUSINESS WESTBOUND OFF RAMP RAMP C MOBILE COUNTY, ALABAMA		
REVISIONS	GENERAL PLAN AND ELEVATION (2 OF 5)		
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:	
COMPUTED BY:	CHECKED BY:	DATE DRAWN:	
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN	
BIN: 010855			

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 SCALE: 1:0.166666  
 DATE: 1/12/2018



**PLAN**



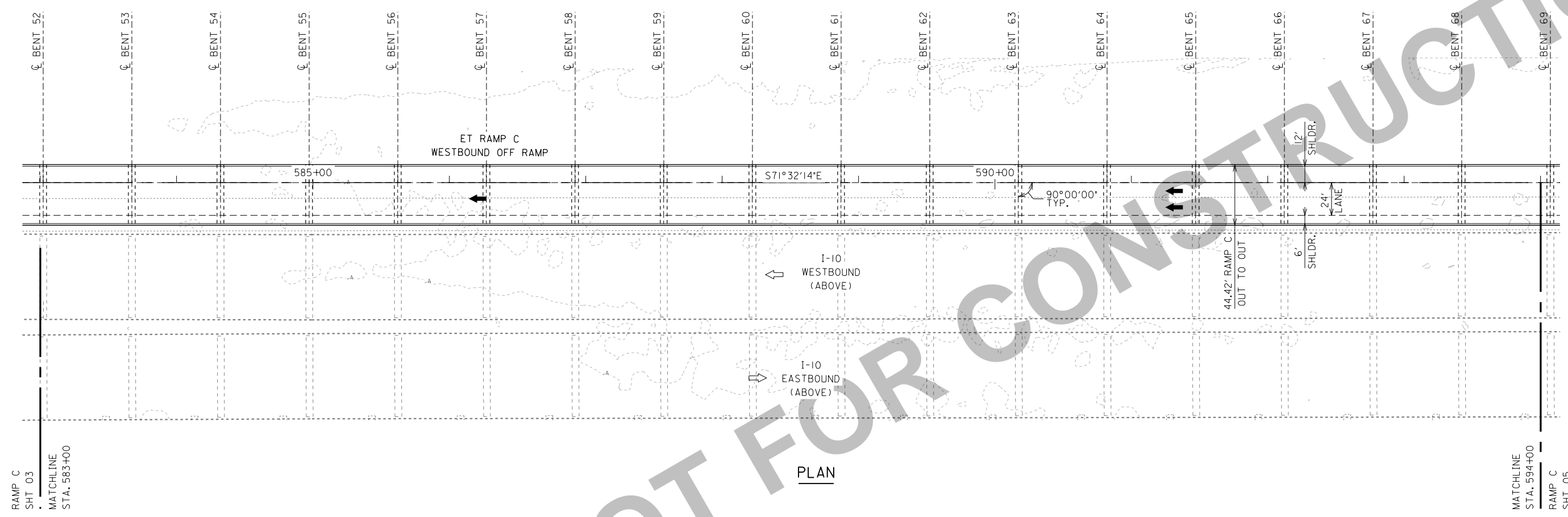
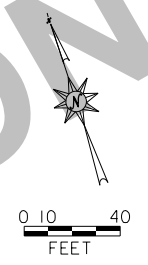
**ELEVATION**

**NOTES:**

- SEE SHEET 6 FOR TYPICAL SECTIONS.
- REFER TO ROADWAY DRAWINGS FOR VERTICAL CURVE AND SUPERELEVATION DATA.
- BENT SPACING SET TO ALIGN WITH ADJACENT HIGH LEVEL APPROACH PIERS.

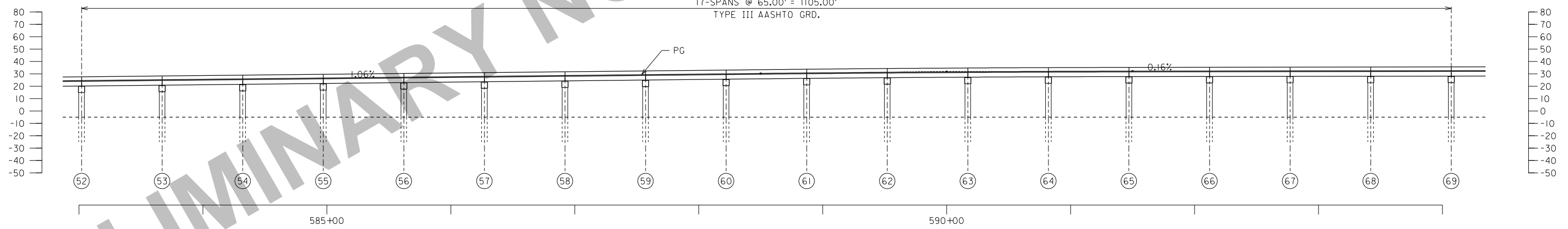
Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION			
BRIDGE SHEET NO. 3 OF 6	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EAST TUNNEL I-10 BUSINESS WESTBOUND OFF RAMP RAMP C MOBILE COUNTY, ALABAMA		
REVISIONS	GENERAL PLAN AND ELEVATION (3 OF 5)		
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:	
COMPUTED BY:	CHECKED BY:	DATE DRAWN:	
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN	
BIN: 010855			



PLAN

OVERALL LENGTH OF REQ'D BRIDGE = 4,558.48'  
 BIN NO. =  
 17-SPANS @ 65.00' = 1105.00'  
 TYPE III AASHTO GRD.



ELEVATION

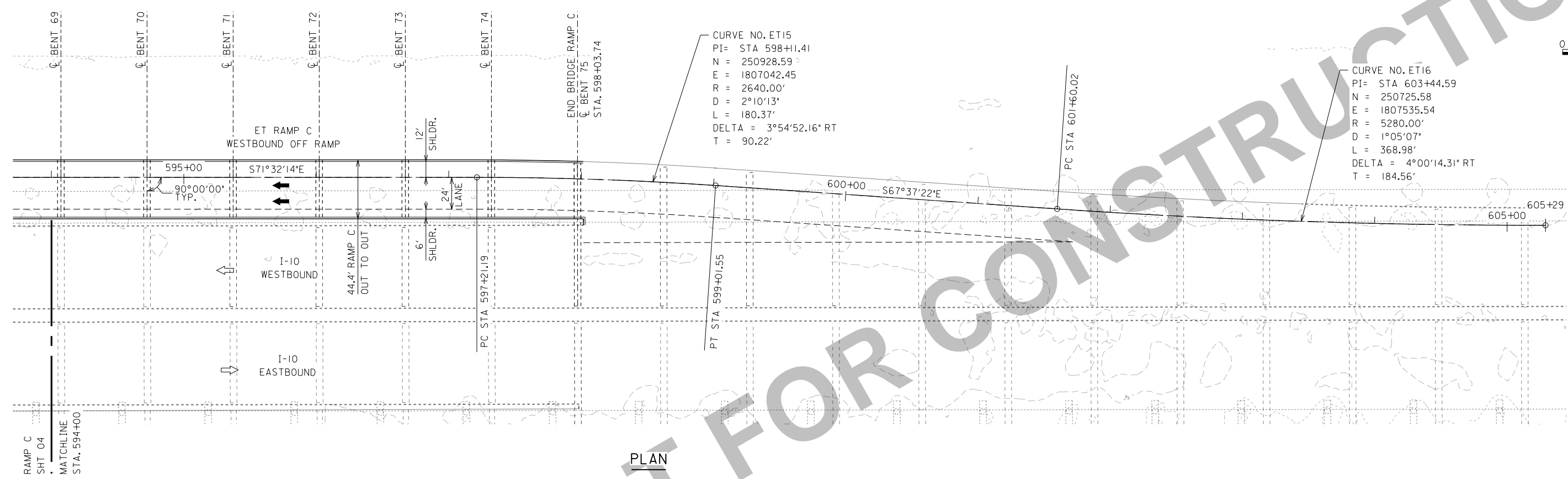
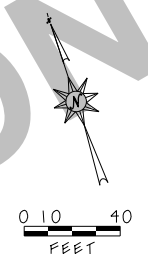
NOTES:

- SEE SHEET 6 FOR TYPICAL SECTIONS.
- REFER TO ROADWAY DRAWINGS FOR VERTICAL CURVE AND SUPERELEVATION DATA.
- BENT SPACING SET TO ALIGN WITH ADJACENT I-10 WB BENTS.

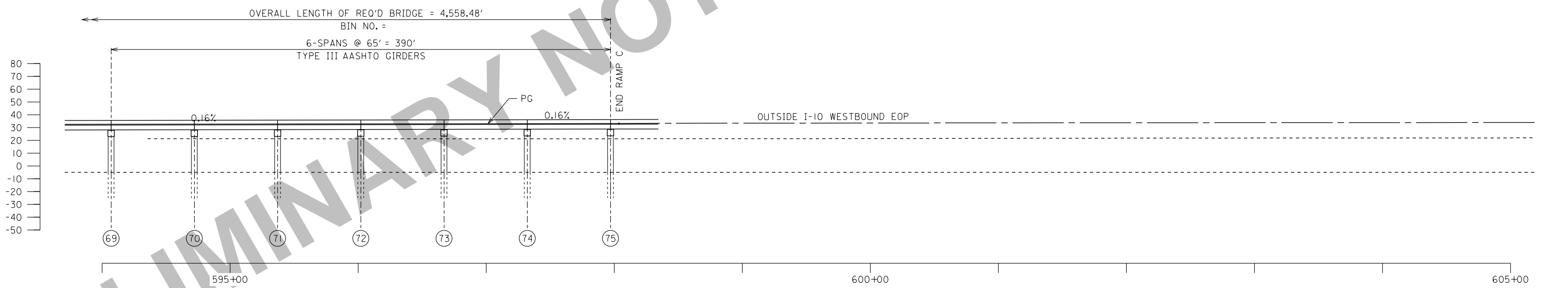
Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION			
BRIDGE SHEET NO. 4 OF 6	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EAST TUNNEL I-10 BUSINESS WESTBOUND OFF RAMP RAMP C MOBILE COUNTY, ALABAMA		
REVISIONS	GENERAL PLAN AND ELEVATION (4 OF 5)		
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:	
COMPUTED BY:	CHECKED BY:	DATE DRAWN:	
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN	
BIN: 010855			

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 DATE: 1/12/2018  
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PLAN



ELEVATION

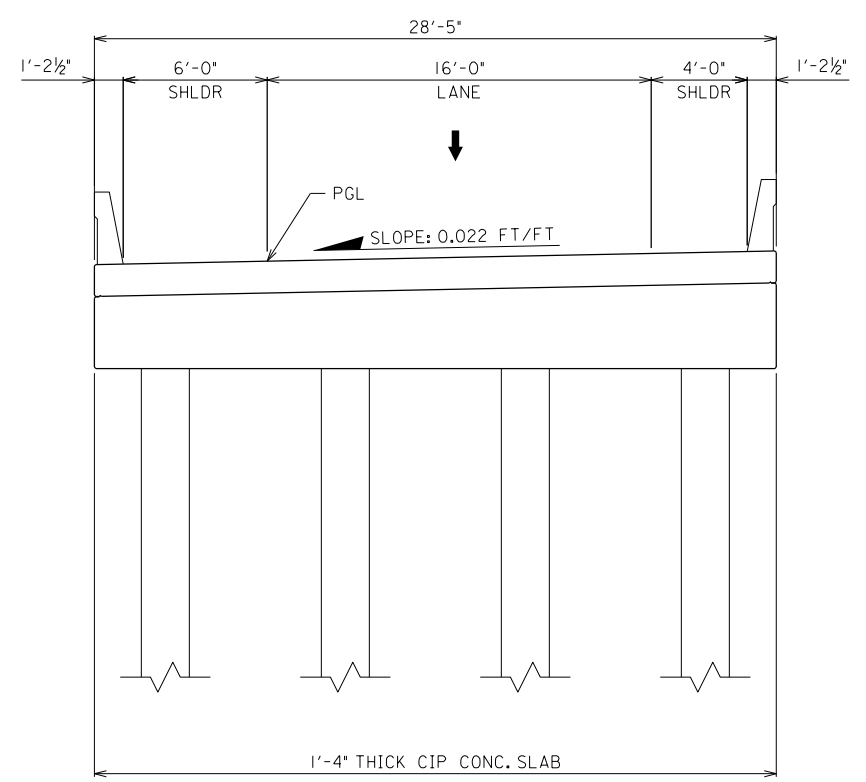
NOTES:

- SEE SHEET 6 FOR TYPICAL SECTIONS.
- REFER TO ROADWAY DRAWINGS FOR VERTICAL CURVE AND SUPERELEVATION DATA.
- BENT SPACING SET TO ALIGN WITH ADJACENT I-10 WB BENTS.

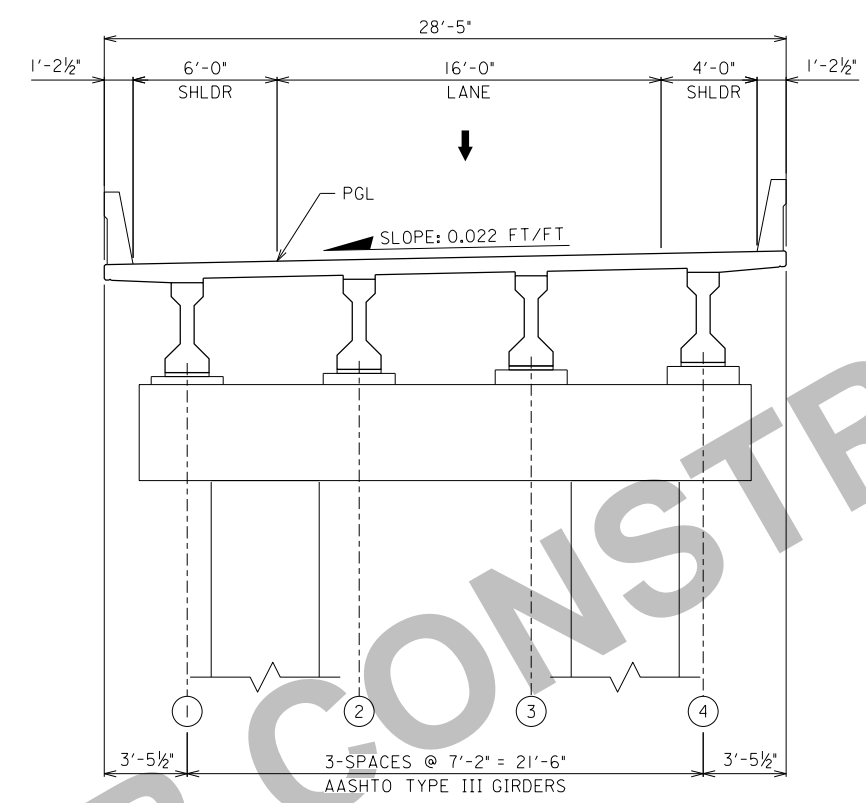
Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION			
BRIDGE SHEET NO. 5 OF 6	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EAST TUNNEL I-10 BUSINESS WESTBOUND OFF RAMP RAMP C MOBILE COUNTY, ALABAMA		
REVISIONS	GENERAL PLAN AND ELEVATION (5 OF 5)		
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:	
COMPUTED BY:	CHECKED BY:	DATE DRAWN:	
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN	
BIN: 010855			

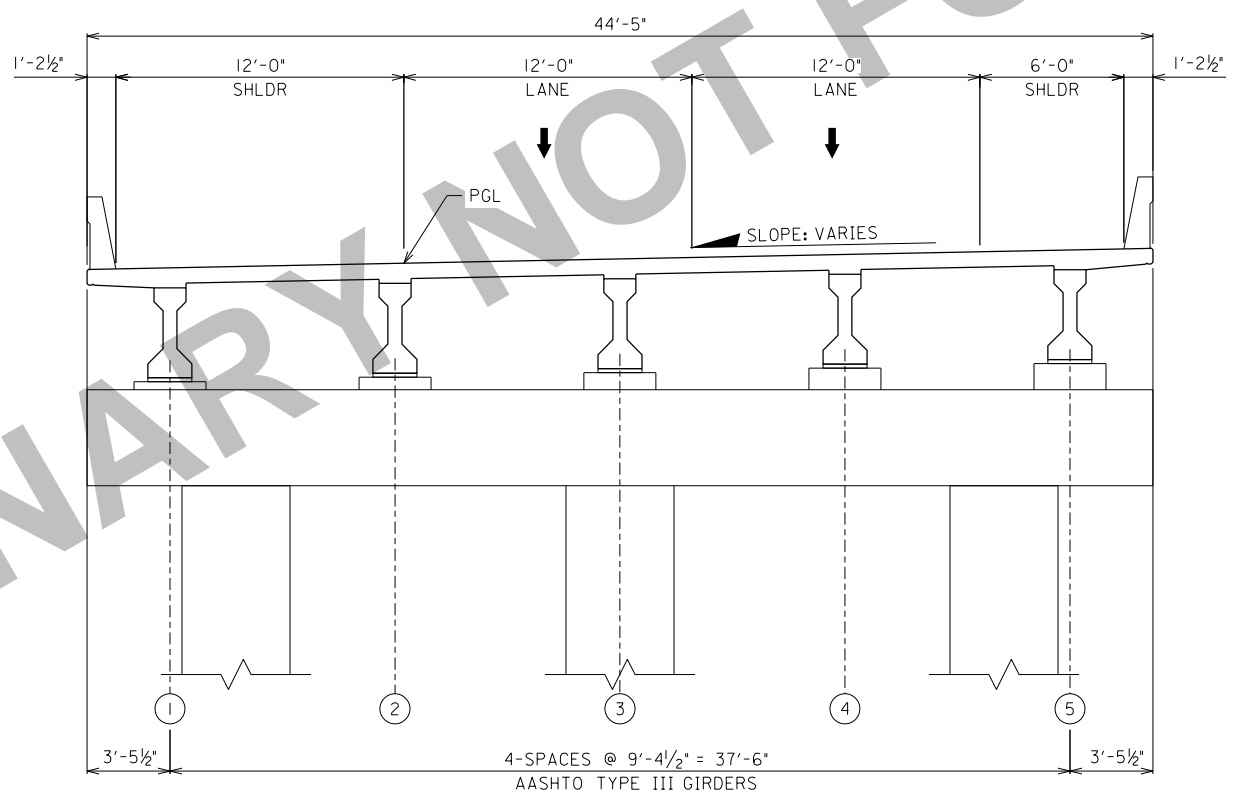
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EAST TUNNEL RAMP C  
(SLAB SECTION)



EAST TUNNEL RAMP C  
(1-LANE SECTION)



EAST TUNNEL RAMP C  
(2-LANE SECTION)

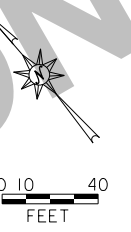
**NOTES:**

- REFER TO ROADWAY DRAWINGS FOR SUPERELEVATION AND CROSS-SLOPE INFORMATION.
- MAINTAIN MINIMUM VERTICAL CLEARANCE TO LOW MEMBER AS FOLLOWS:
  - 1'-0" ABOVE 100-YEAR STORM SURGE ELEVATION (SEE NOTE FOR RAMP ENDS).
  - 17'-0" ABOVE ROADWAY LANES.
  - BOTTOM OF PRESTRESSED BEAMS OVER WATER - EL. 8.0' MINIMUM.
  - 3'-0" BOTTOM OF PRESTRESSED BEAMS OVER GRADE.
- RAMP ENDS - RAMP ENDS OVER WATER WHICH CANNOT MAINTAIN 1'-0" MINIMUM CLEARANCE ABOVE THE 100-YEAR STORM SURGE SHALL BE DESIGNED TO WITHSTAND THE STORM SURGE HYDRAULIC FORCES.
- PROVIDE DECK DRAINAGE SCUPPERS ACCORDING TO ALDOT STRUCTURAL DESIGN MANUAL SECTION 2 (NOT SHOWN). PROVIDE CLOSED DECK DRAINAGE SYSTEM FOR AREAS WHERE SCUPPERS ARE PROHIBITED AND ADJACENT SCUPPERS ARE NOT ADEQUATE TO CONVEY FLOW.

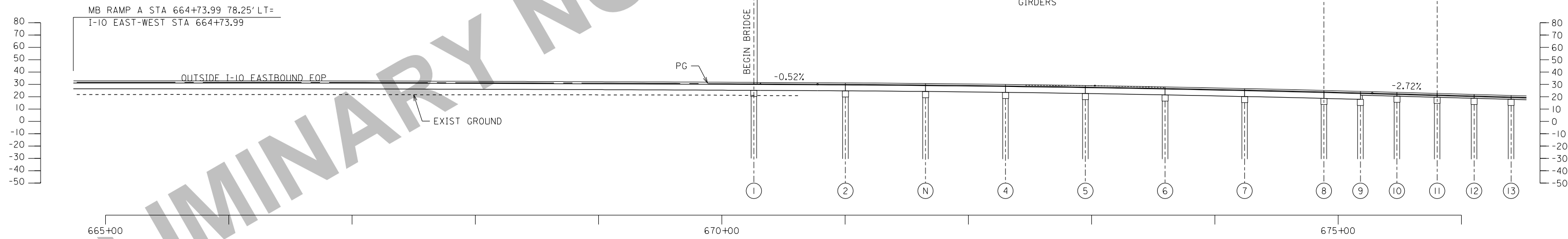
Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 6 OF 6	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EAST TUNNEL I-10 BUSINESS WESTBOUND OFF RAMP RAMP C MOBILE COUNTY, ALABAMA	
REVISIONS	TYPICAL BRIDGE SECTIONS	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

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 N = 248167.47  
 E = 1813651.88  
 R = 3000.00'  
 D = 1°54'35"  
 L = 1041.75'  
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 T = 526.17'



PLAN

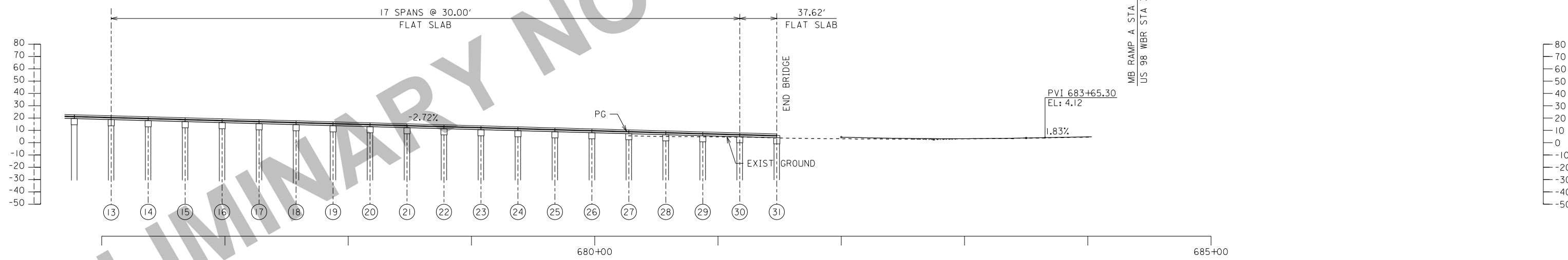
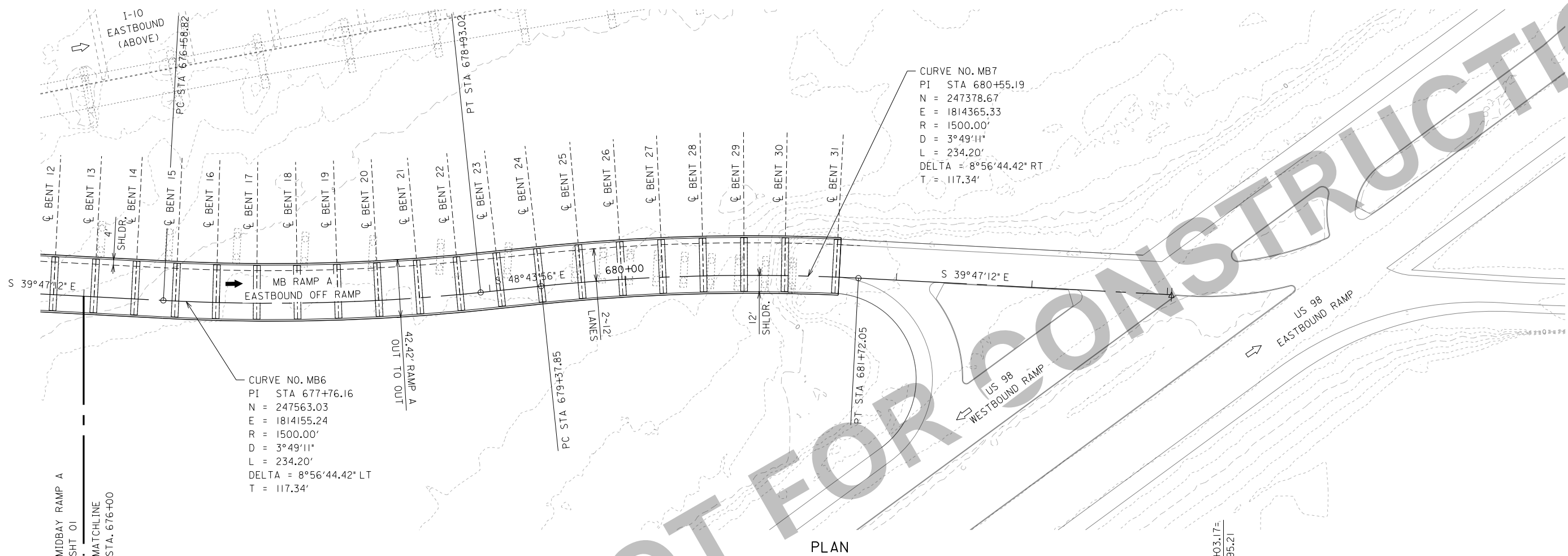
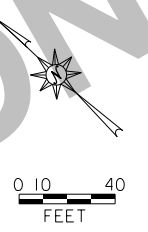


ELEVATION

Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 1 OF 3	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY MIDBAY I-10 EASTBOUND OFF RAMP RAMP A BALDWIN COUNTY, ALABAMA	
REVISIONS	GENERAL PLAN AND ELEVATION (1 OF 2)	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

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 DATE: 1/12/2018



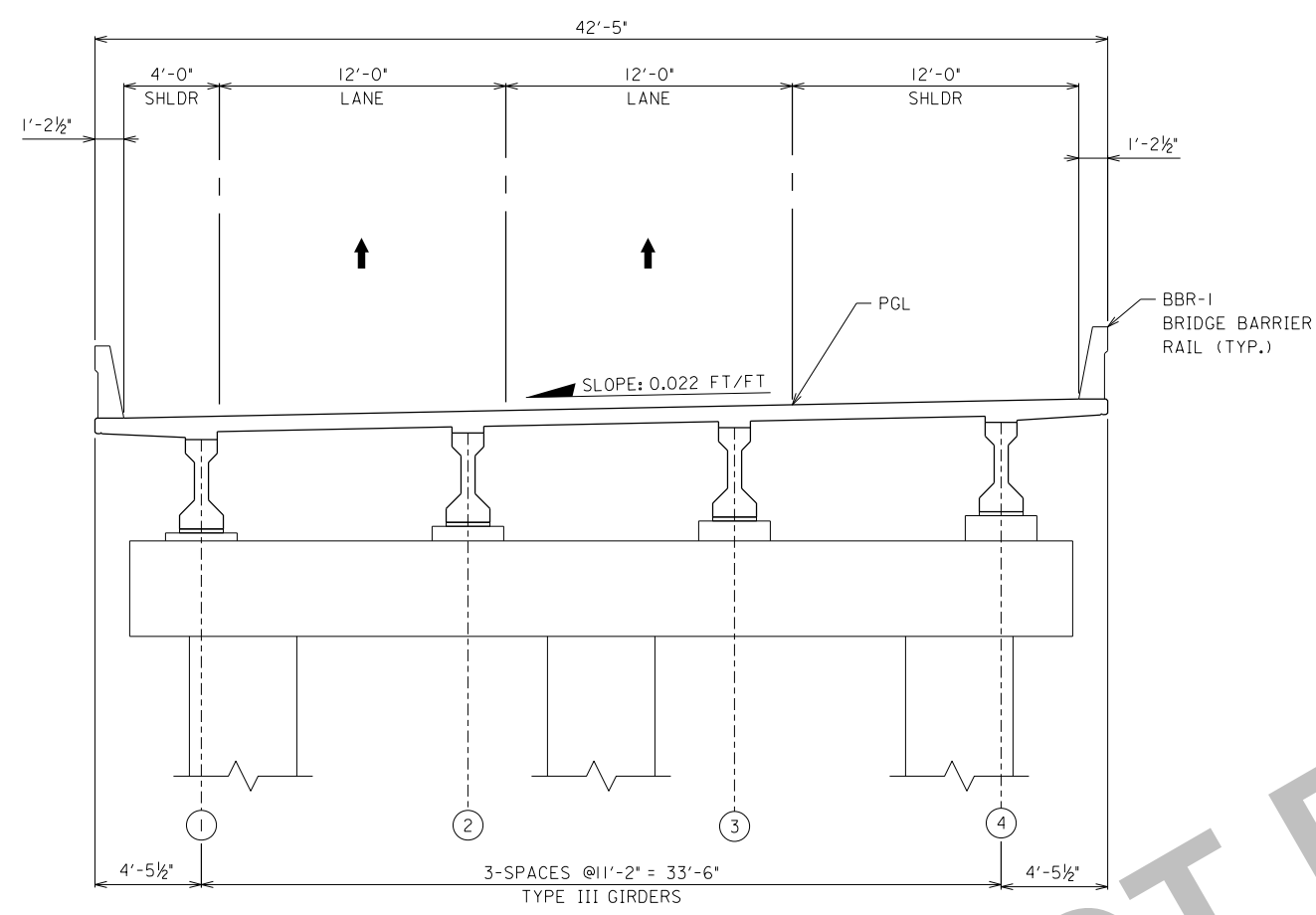
Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 2 OF 3	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY MIDBAY I-10 EASTBOUND OFF RAMP RAMP A BALDWIN COUNTY, ALABAMA	
REVISIONS	GENERAL PLAN AND ELEVATION (2 OF 2)	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

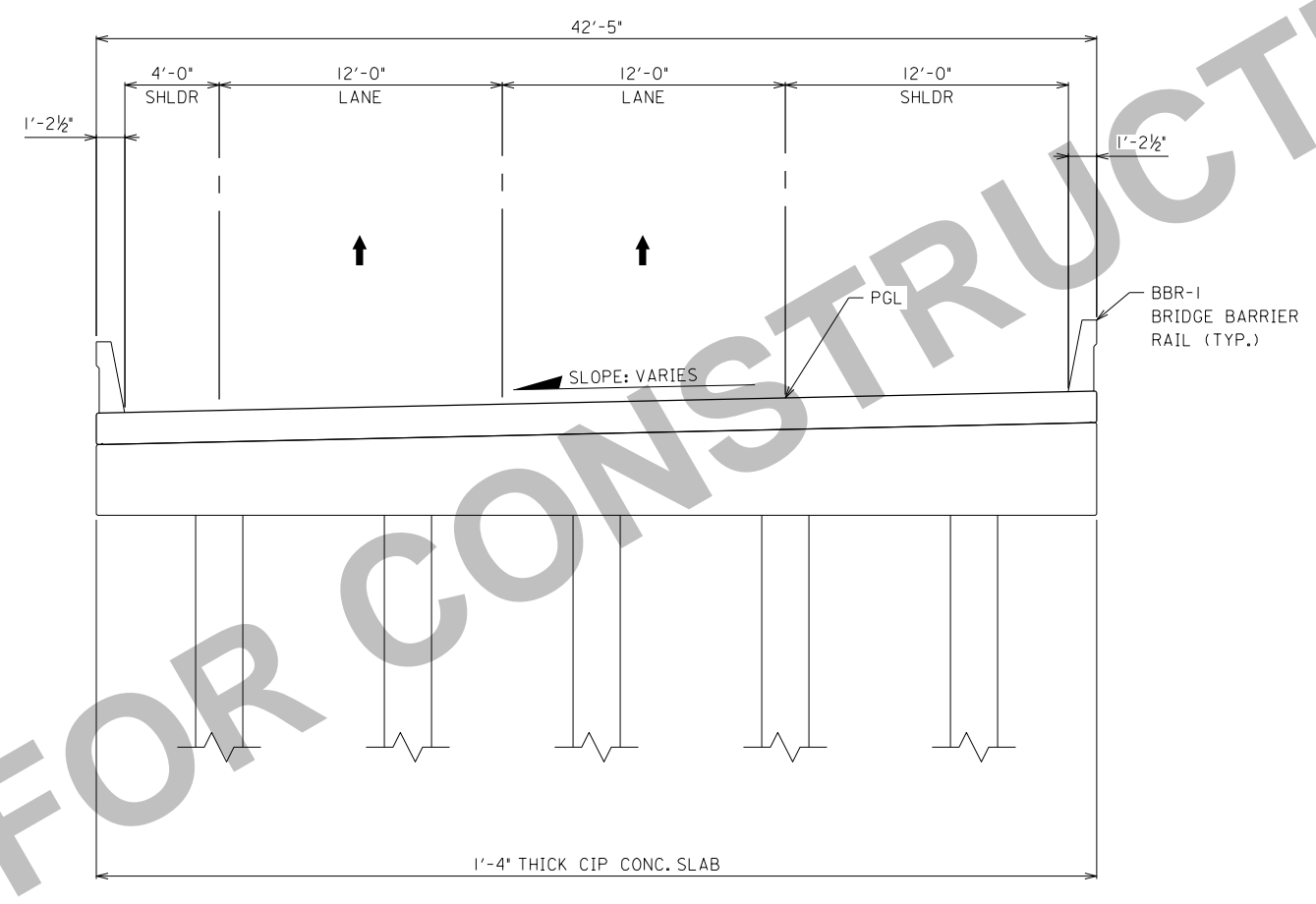
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 FILE: \

PENTABLE: HDR\_ALDOT.tb1  
 SCALE: 1:0.166666

DATE: 1/12/2018



I-10 MIDBAY RAMP A



I-10 MIDBAY RAMP A

NOTES:

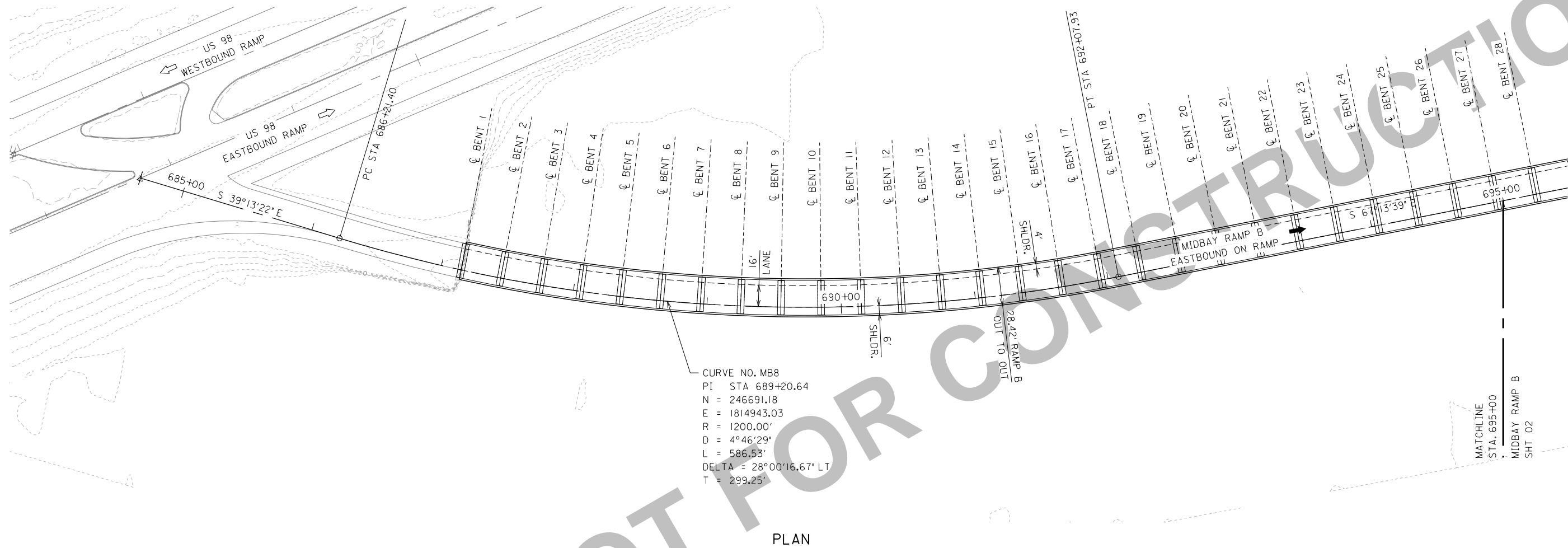
- REFER TO ROADWAY DRAWINGS FOR SUPERELEVATION AND CROSS-SLOPE INFORMATION.
- MAINTAIN MINIMUM VERTICAL CLEARANCE TO LOW MEMBER AS FOLLOWS:
  - 1'-0" ABOVE 100-YEAR STORM SURGE ELEVATION (SEE NOTE FOR RAMP ENDS).
  - 17'-0" ABOVE ROADWAY LANES.
  - BOTTOM OF PRESTRESSED BEAMS OVER WATER - EL. 8.0' MINIMUM.
  - 3'-0" BOTTOM OF PRESTRESSED BEAMS OVER GRADE.
- RAMP ENDS - RAMP ENDS OVER WATER WHICH CANNOT MAINTAIN 1'-0" MINIMUM CLEARANCE ABOVE THE 100-YEAR STORM SURGE SHALL BE DESIGNED TO WITHSTAND THE STORM SURGE HYDRAULIC FORCES.
- PROVIDE DECK DRAINAGE SCUPPERS ACCORDING TO ALDOT STRUCTURAL DESIGN MANUAL SECTION 2 (NOT SHOWN). PROVIDE CLOSED DECK DRAINAGE SYSTEM FOR AREAS WHERE SCUPPERS ARE PROHIBITED AND ADJACENT SCUPPERS ARE NOT ADEQUATE TO CONVEY FLOW.

Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

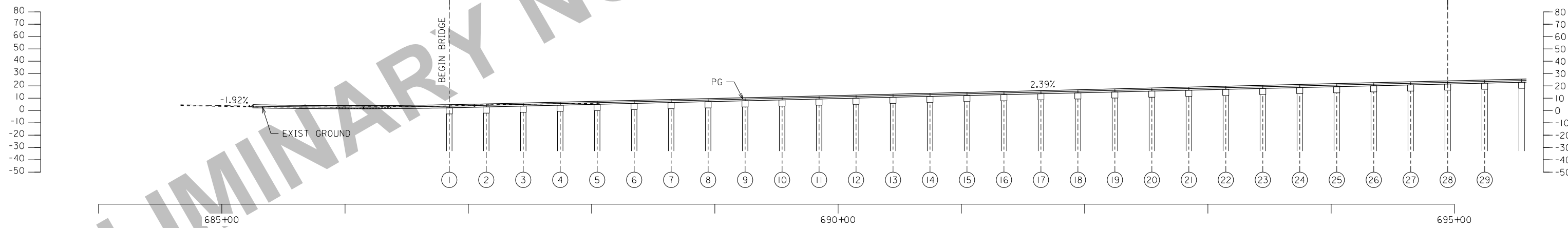
ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 3 OF 3	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY MIDBAY I-10 EASTBOUND OFF RAMP RAMP A BALDWIN COUNTY, ALABAMA	
REVISIONS	TYPICAL BRIDGE SECTION	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

PENTABLE: HDR\_ALDOT.tb1  
SCALE: 1:0.166666

PLOT DRIVER: HDR\_ALDOT PDF BW HALF SIZE.pltcfgr  
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DATE: 1/12/2018  
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PLAN



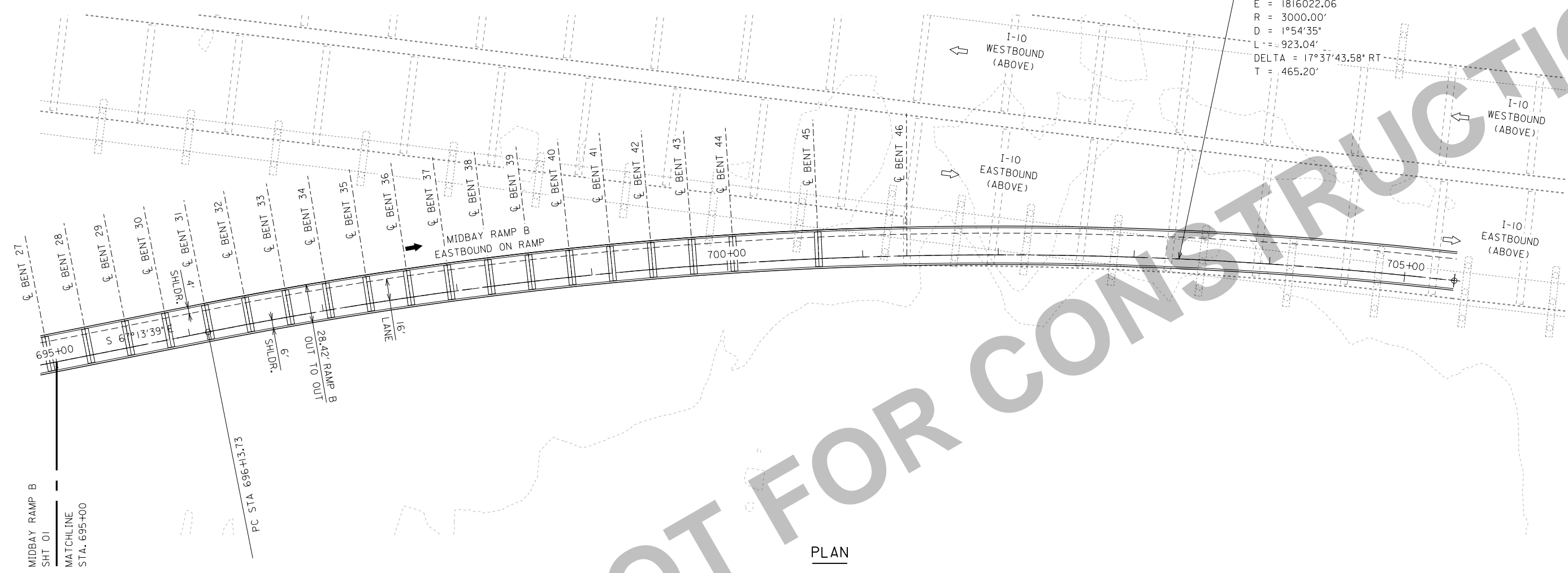
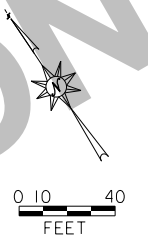
ELEVATION

Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

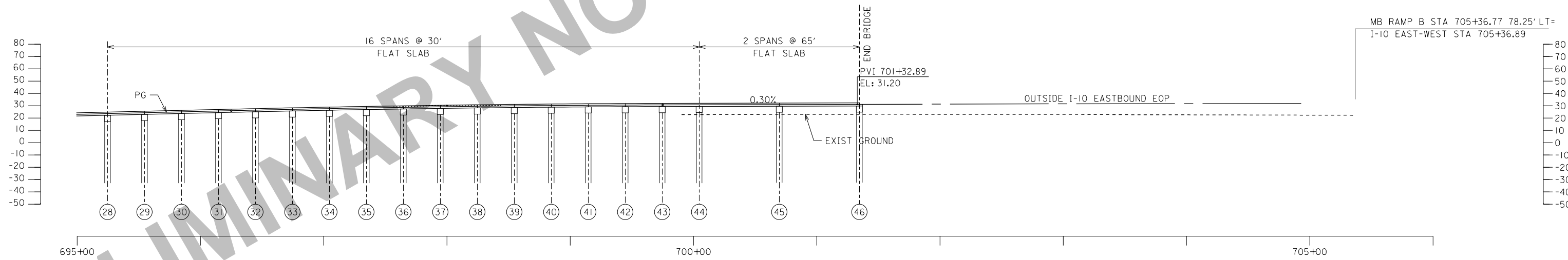
ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 1 OF 3	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY MIDBAY I-10 EASTBOUND ON RAMP RAMP B BALDWIN COUNTY, ALABAMA	
REVISIONS	GENERAL PLAN AND ELEVATION (1 OF 2)	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

PLOT DRIVER: HDR ALDOT PDF BW HALF SIZE.pltcfgr  
 USER: d0w27781  
 FILE: \PENTABLE: HDR\_ALDOT.tb1  
 SCALE: 1:0.166666  
 DATE: 1/12/2018

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 E = 1816022.06  
 R = 3000.00'  
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 L = 923.04'  
 DELTA = 17°37'43.58" RT  
 T = 465.20'



PLAN

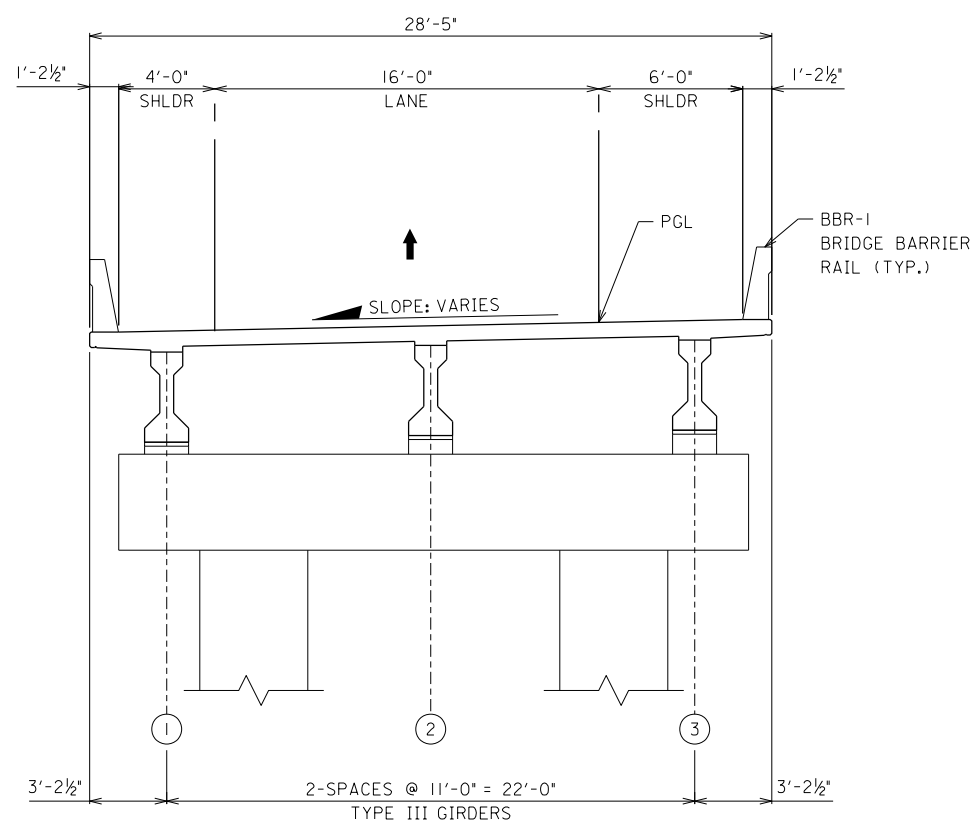


ELEVATION

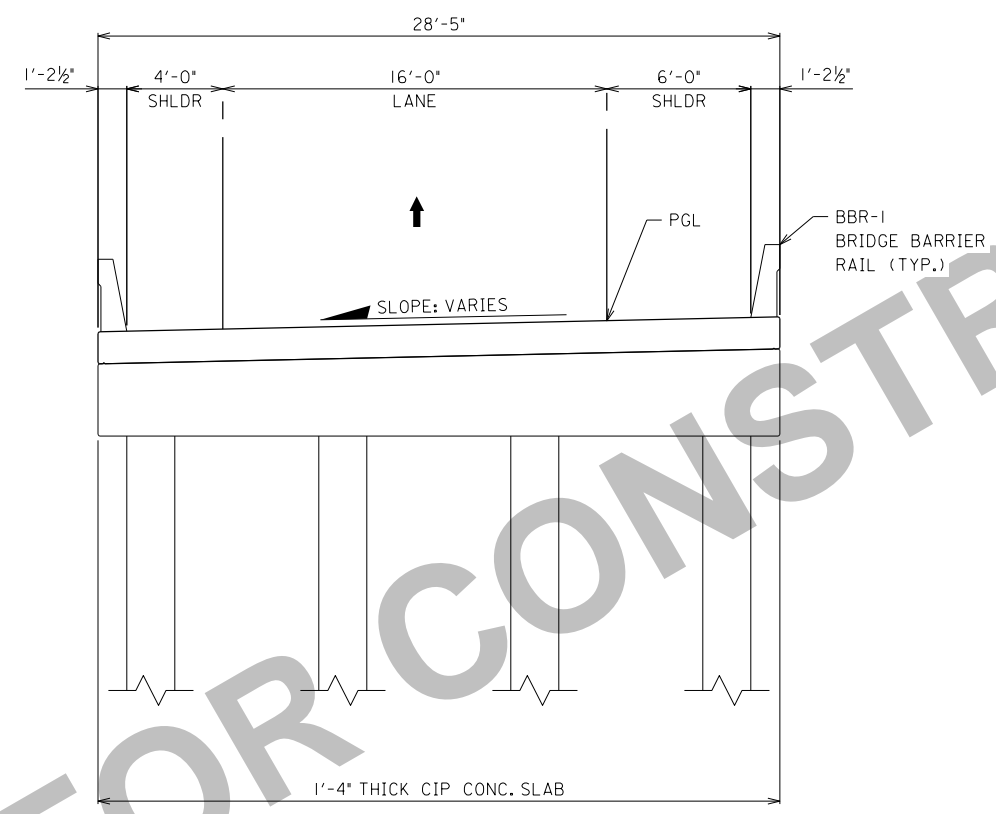
Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 2 OF 3	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY MIDBAY I-10 EASTBOUND ON RAMP RAMP B BALDWIN COUNTY, ALABAMA	
REVISIONS	GENERAL PLAN AND ELEVATION (2 OF 2)	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

PLOT DRIVER: HDR\_ALDOT.PDF BW HALF SIZE.pltcfgr  
 USER: d0w27781 DATE: 1/12/2018  
 FILE: \PENTABLE: HDR\_ALDOT.tb1  
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I-10 MIDBAY RAMP B



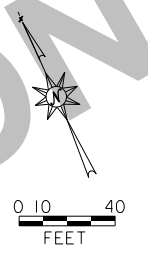
I-10 MIDBAY RAMP B

NOTES:

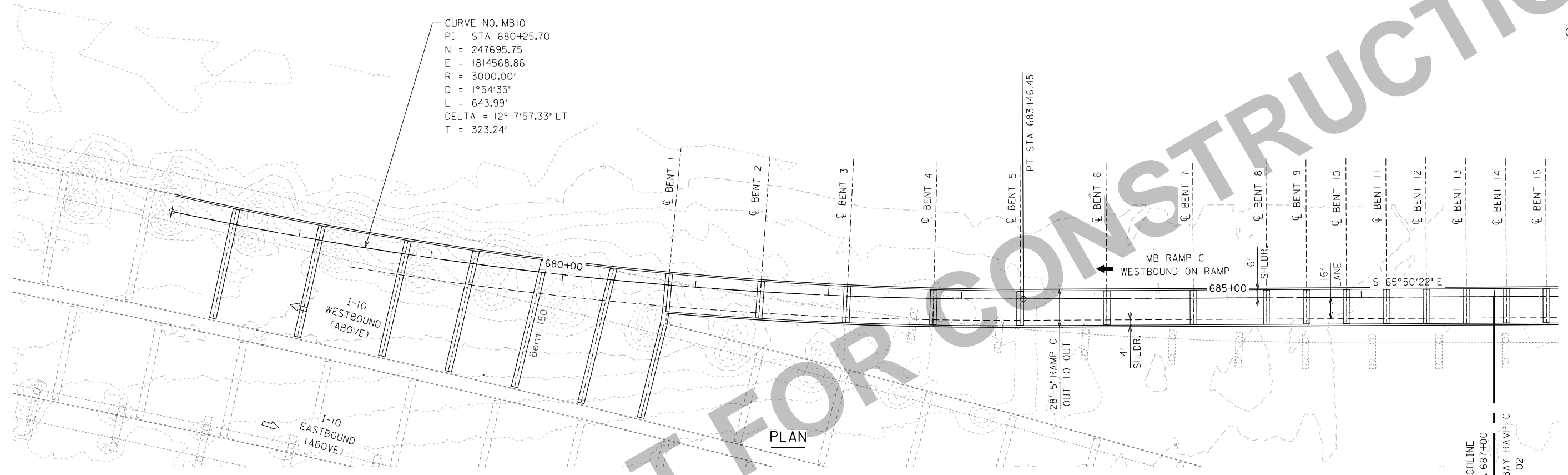
- REFER TO ROADWAY DRAWINGS FOR SUPERELEVATION AND CROSS-SLOPE INFORMATION.
- MAINTAIN MINIMUM VERTICAL CLEARANCE TO LOW MEMBER AS FOLLOWS:
  - 1'-0" ABOVE 100-YEAR STORM SURGE ELEVATION (SEE NOTE FOR RAMP ENDS).
  - 17'-0" ABOVE ROADWAY LANES.
  - BOTTOM OF PRESTRESSED BEAMS OVER WATER - EL. 8.0' MINIMUM.
  - 3'-0" BOTTOM OF PRESTRESSED BEAMS OVER GRADE.
- RAMP ENDS - RAMP ENDS OVER WATER WHICH CANNOT MAINTAIN 1'-0" MINIMUM CLEARANCE ABOVE THE 100-YEAR STORM SURGE SHALL BE DESIGNED TO WITHSTAND THE STORM SURGE HYDRAULIC FORCES.
- PROVIDE DECK DRAINAGE SCUPPERS ACCORDING TO ALDOT STRUCTURAL DESIGN MANUAL SECTION 2 (NOT SHOWN). PROVIDE CLOSED DECK DRAINAGE SYSTEM FOR AREAS WHERE SCUPPERS ARE PROHIBITED AND ADJACENT SCUPPERS ARE NOT ADEQUATE TO CONVEY FLOW.

Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

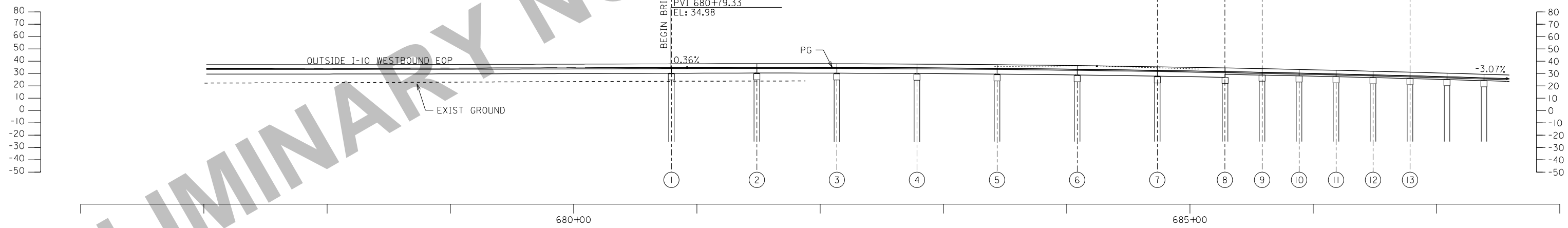
ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 3 OF 3	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY MIDBAY I-10 EASTBOUND ON RAMP RAMP B BALDWIN COUNTY, ALABAMA	
REVISIONS	TYPICAL BRIDGE SECTION	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN



CURVE NO. MB10  
 PI STA 680+25.70  
 N = 247695.75  
 E = 1814568.86  
 R = 3000.00'  
 D = 1°54'35"  
 L = 643.99'  
 DELTA = 12°17'57.33" LT  
 T = 323.24'



PLAN

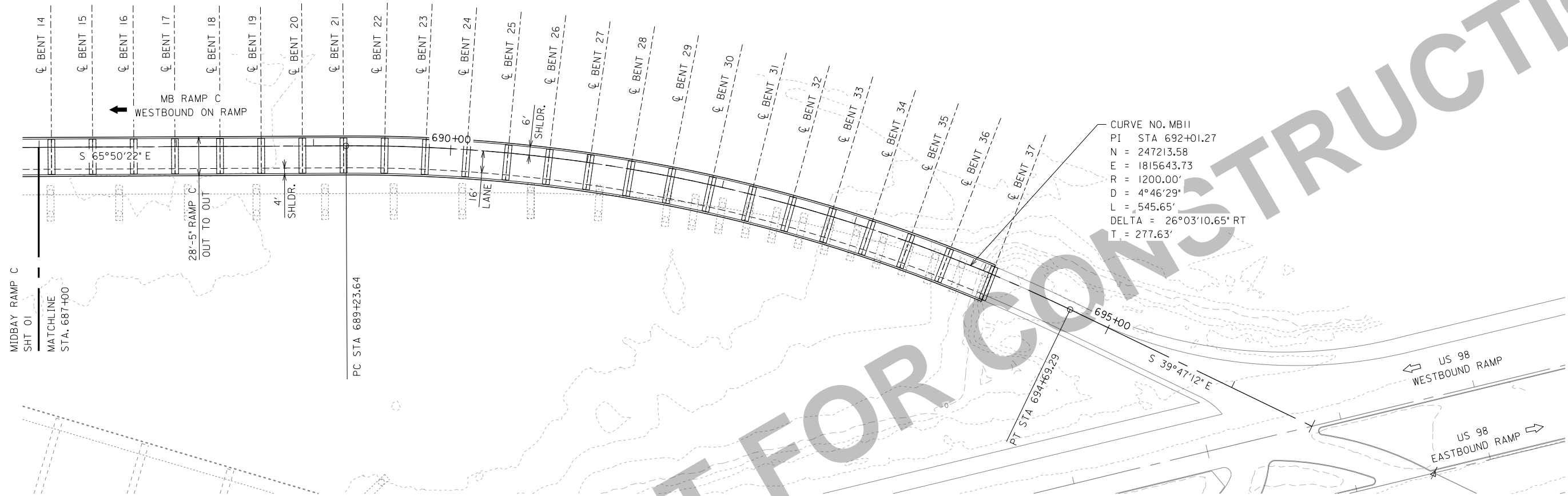
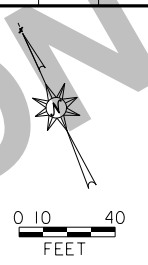


ELEVATION

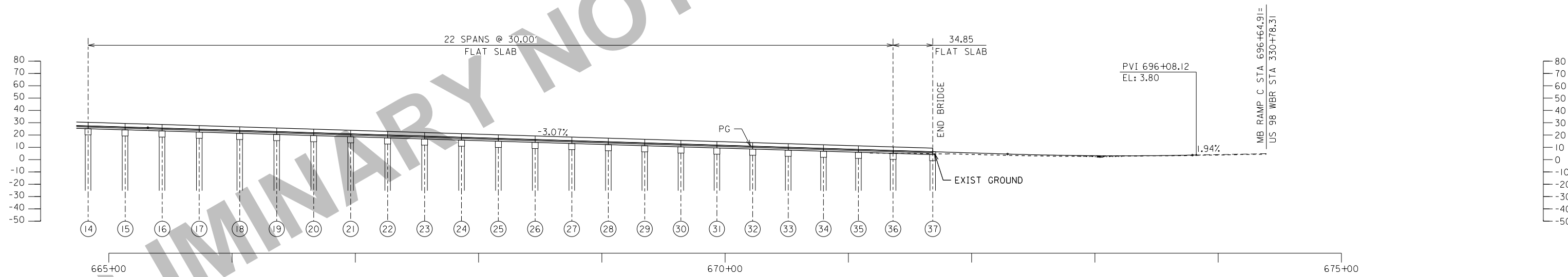
Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 1 OF 3	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY MIDBAY I-10 WESTBOUND ON RAMP RAMP C BALDWIN COUNTY, ALABAMA	
REVISIONS	GENERAL PLAN AND ELEVATION (1 OF 2)	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

PLOT DRIVER: HDR ALDOT PDF BW HALF SIZE.pltcfgr  
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 DATE: 1/12/2018



PLAN

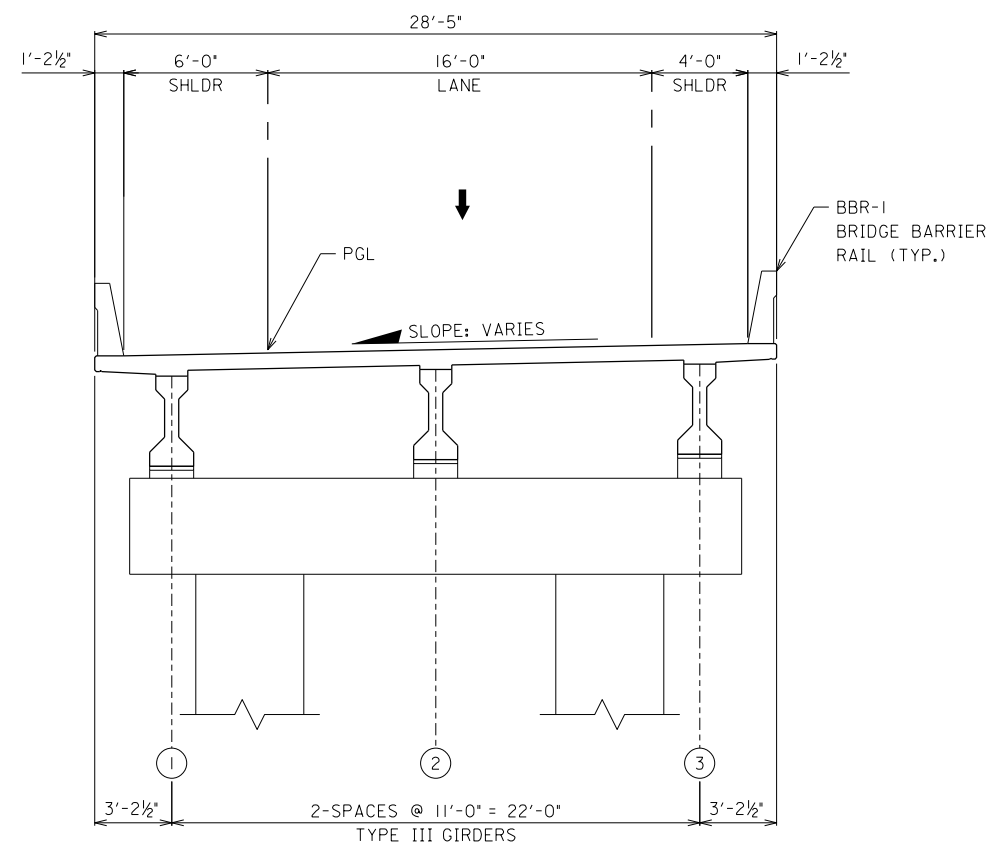


ELEVATION

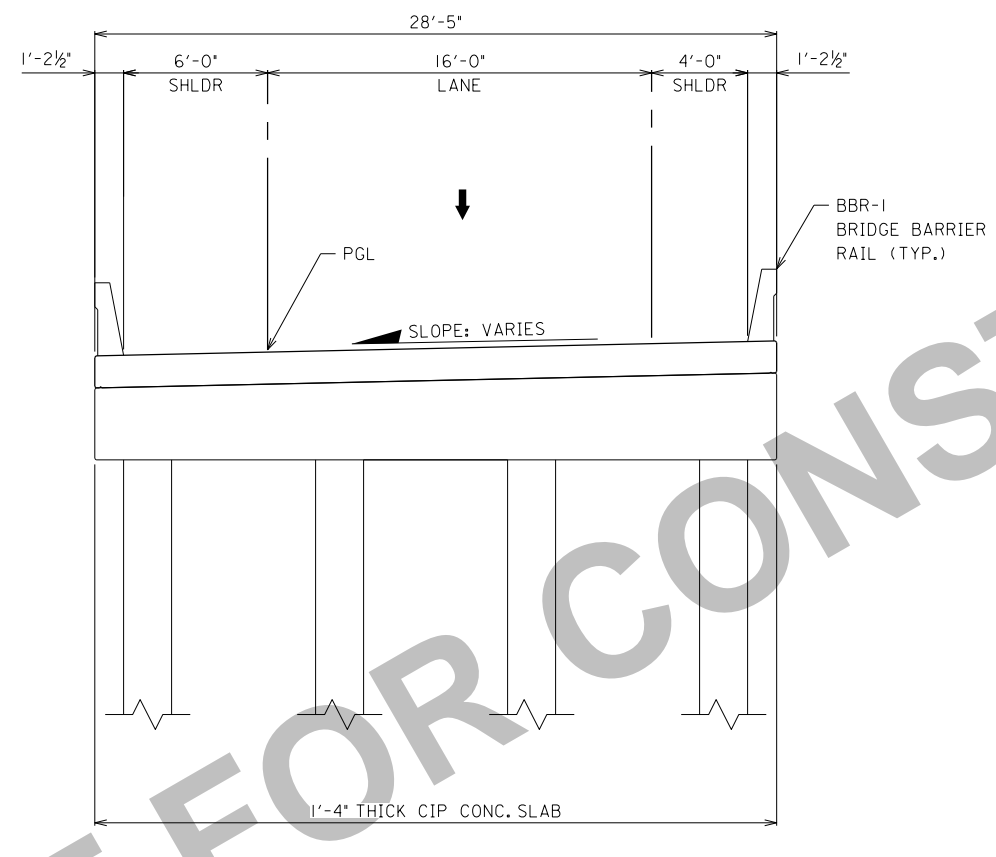
Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 2 OF 3	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY MIDBAY I-10 WESTBOUND ON RAMP RAMP C BALDWIN COUNTY, ALABAMA	
REVISIONS	GENERAL PLAN AND ELEVATION (2 OF 2)	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

PLOT DRIVER: HDR ALDOT PDF BW HALF SIZE.pltcfgr  
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 SCALE: 1:40.166666  
 DATE: 1/12/2018



I-10 MIDBAY RAMP C



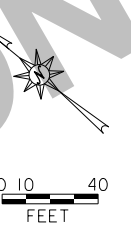
I-10 MIDBAY RAMP C

NOTES:

- REFER TO ROADWAY DRAWINGS FOR SUPERELEVATION AND CROSS-SLOPE INFORMATION.
- MAINTAIN MINIMUM VERTICAL CLEARANCE TO LOW MEMBER AS FOLLOWS:
  - 1'-0" ABOVE 100-YEAR STORM SURGE ELEVATION (SEE NOTE FOR RAMP ENDS).
  - 17'-0" ABOVE ROADWAY LANES.
  - BOTTOM OF PRESTRESSED BEAMS OVER WATER - EL. 8.0' MINIMUM.
  - 3'-0" BOTTOM OF PRESTRESSED BEAMS OVER GRADE.
- RAMP ENDS - RAMP ENDS OVER WATER WHICH CANNOT MAINTAIN 1'-0" MINIMUM CLEARANCE ABOVE THE 100-YEAR STORM SURGE SHALL BE DESIGNED TO WITHSTAND THE STORM SURGE HYDRAULIC FORCES.
- PROVIDE DECK DRAINAGE SCUPPERS ACCORDING TO ALDOT STRUCTURAL DESIGN MANUAL SECTION 2 (NOT SHOWN). PROVIDE CLOSED DECK DRAINAGE SYSTEM FOR AREAS WHERE SCUPPERS ARE PROHIBITED AND ADJACENT SCUPPERS ARE NOT ADEQUATE TO CONVEY FLOW.

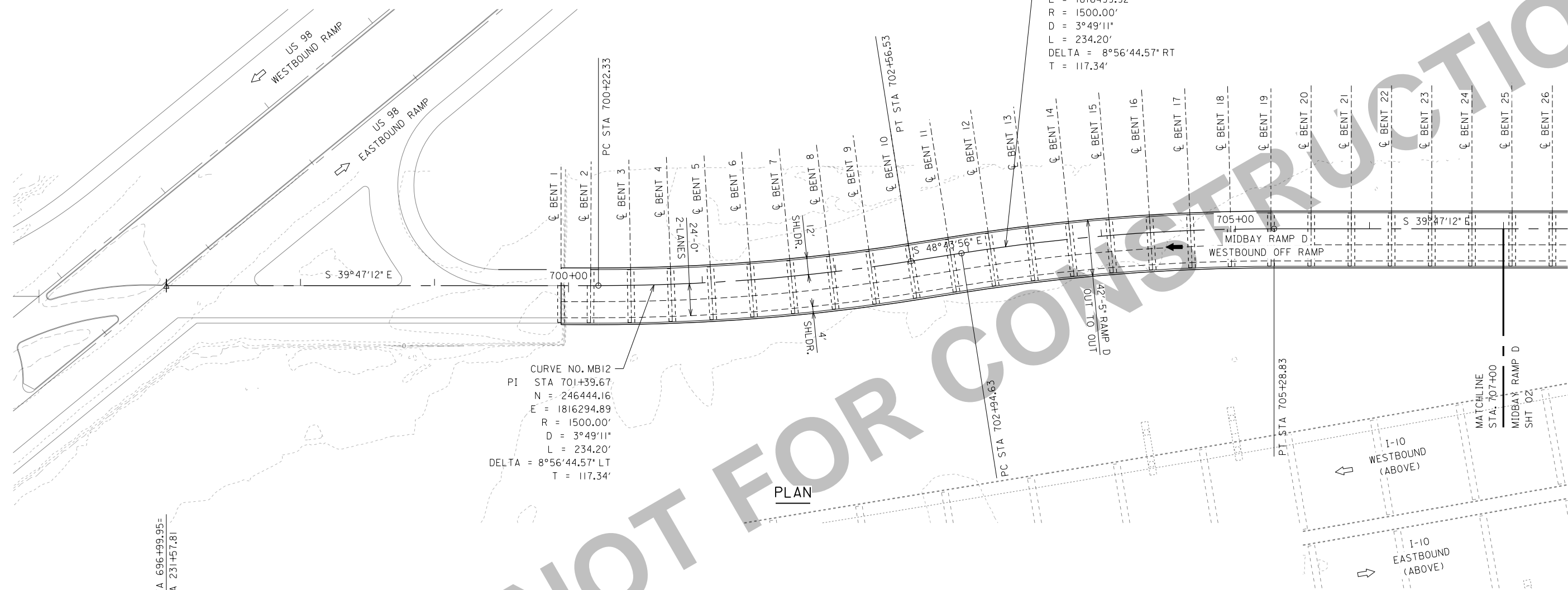
Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 3 OF 3	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY MIDBAY I-10 WESTBOUND ON RAMP RAMP C BALDWIN COUNTY, ALABAMA	
REVISIONS	TYPICAL BRIDGE SECTION	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

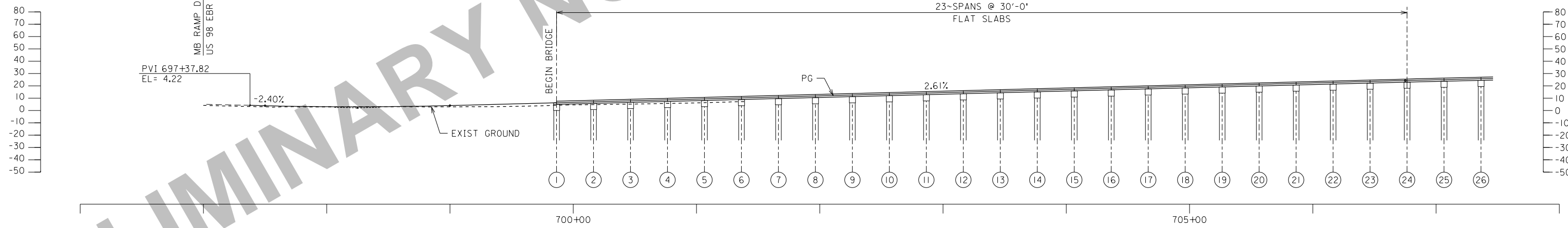


CURVE NO. MB13  
 PI STA 704+11.97  
 N = 246264.24  
 E = 1816499.92  
 R = 1500.00'  
 D = 3°49'11"  
 L = 234.20'  
 DELTA = 8°56'44.57" RT  
 T = 117.34'

CURVE NO. MB12  
 PI STA 701+39.67  
 N = 246444.16  
 E = 1816294.89  
 R = 1500.00'  
 D = 3°49'11"  
 L = 234.20'  
 DELTA = 8°56'44.57" LT  
 T = 117.34'



PLAN



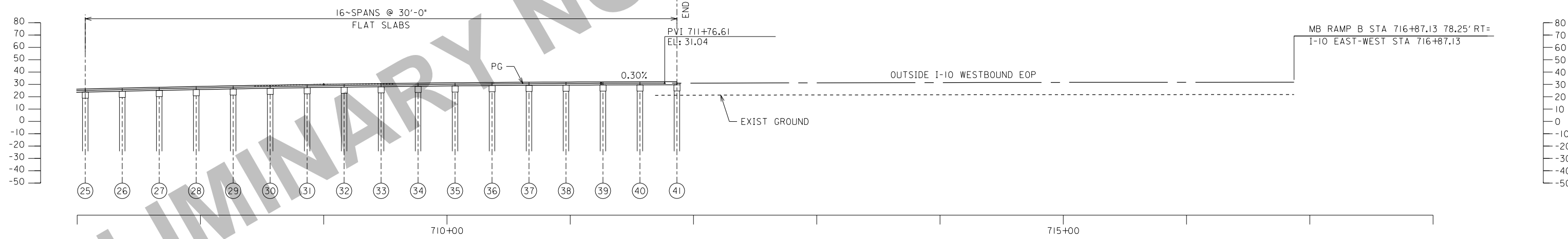
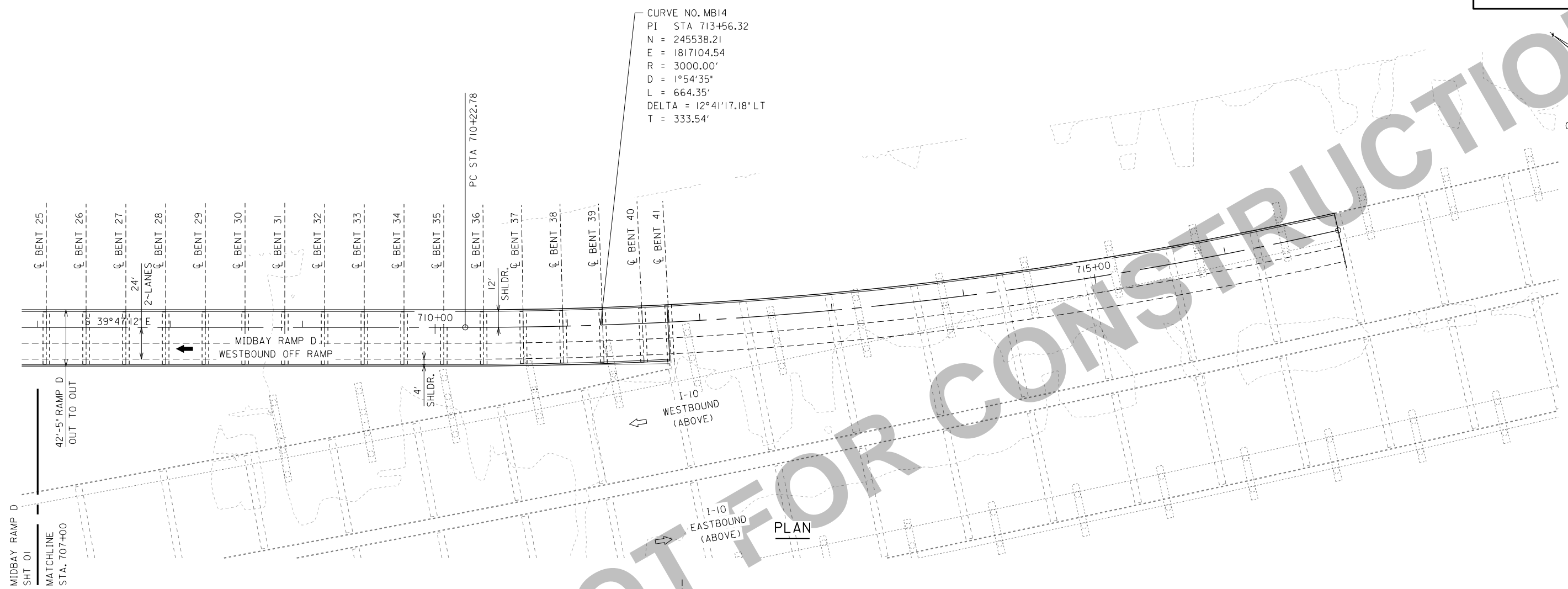
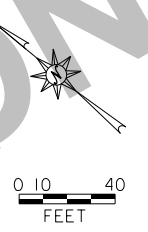
ELEVATION

Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 1 OF 3	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY MIDBAY I-10 WESTBOUND OFF RAMP RAMP D BALDWIN COUNTY, ALABAMA	
REVISIONS	GENERAL PLAN AND ELEVATION (1 OF 2)	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

PLOT DRIVER: HDR ALDOT PDF BW HALF SIZE.pltcfgr  
 USER: d0w27781  
 FILE: \PENTABLE: HDR\_ALDOT.tb1  
 SCALE: 1:0.166666  
 DATE: 1/12/2018

CURVE NO. MB14  
 PI STA 713+56.32  
 N = 245538.21  
 E = 1817104.54  
 R = 3000.00'  
 D = 1°54'35"  
 L = 664.35'  
 DELTA = 12°41'17.18" LT  
 T = 333.54'



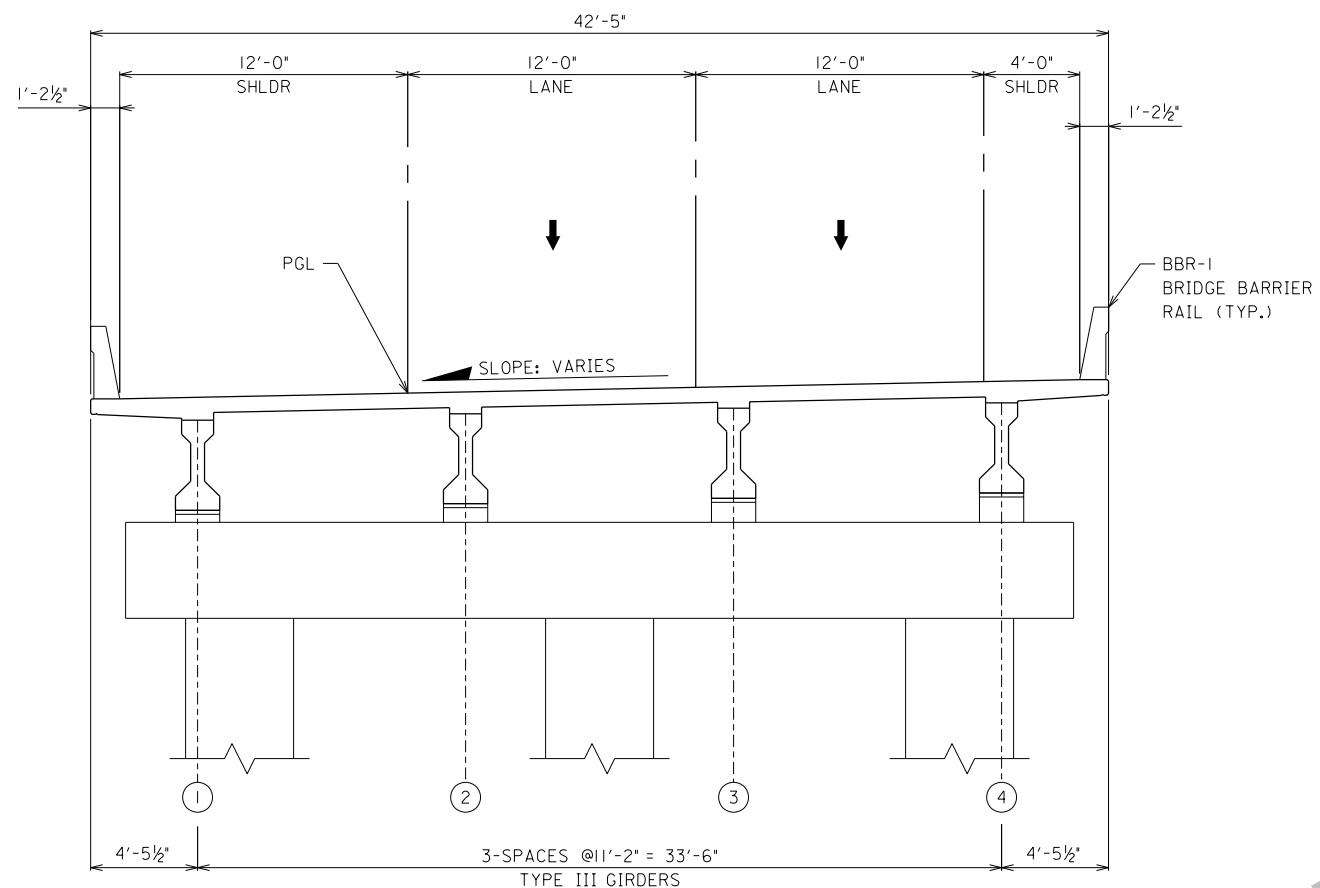
Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 2 OF 3	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY MIDBAY I-10 WESTBOUND OFF RAMP RAMP D BALDWIN COUNTY, ALABAMA	
REVISIONS	GENERAL PLAN AND ELEVATION (2 OF 2)	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

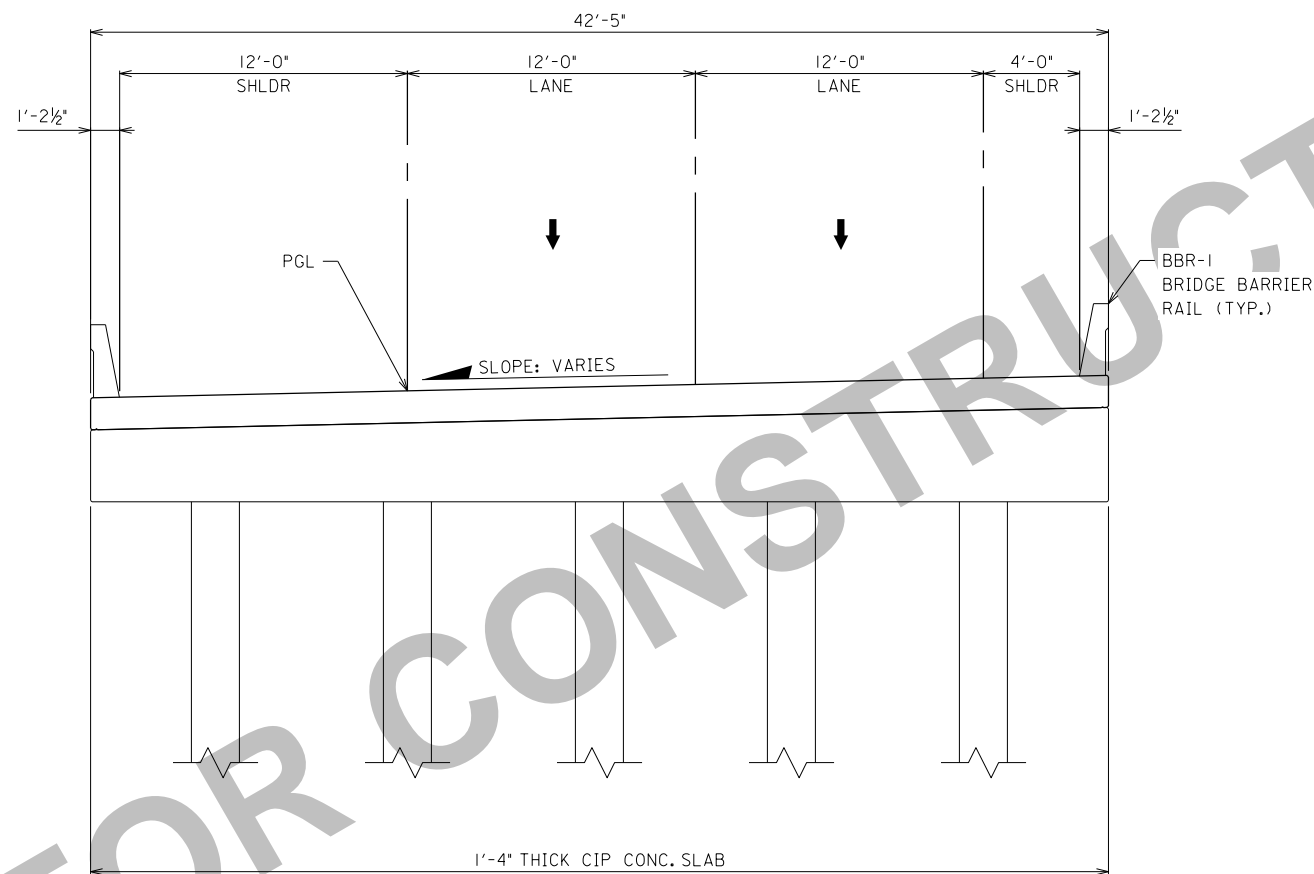
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 USER: dsw27781  
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PENTABLE: HDR\_ALDOT.tb1  
 SCALE: 1:0.166666

DATE: 1/12/2018



I-10 MIDBAY RAMP D



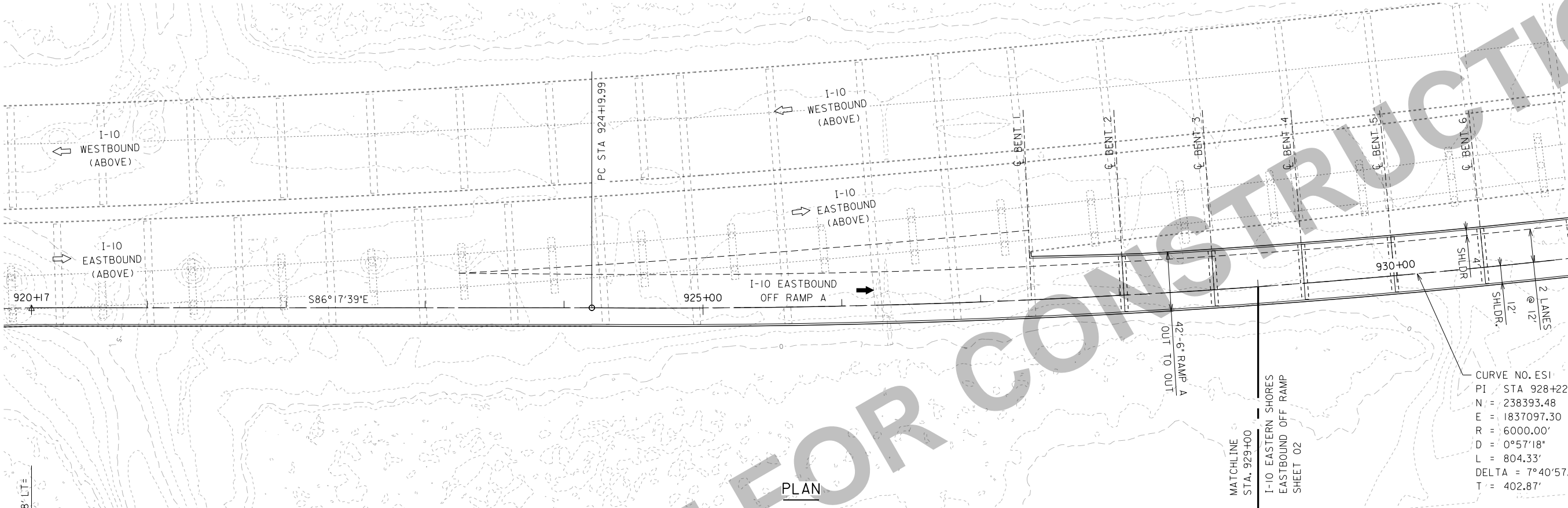
I-10 MIDBAY RAMP D

NOTES:

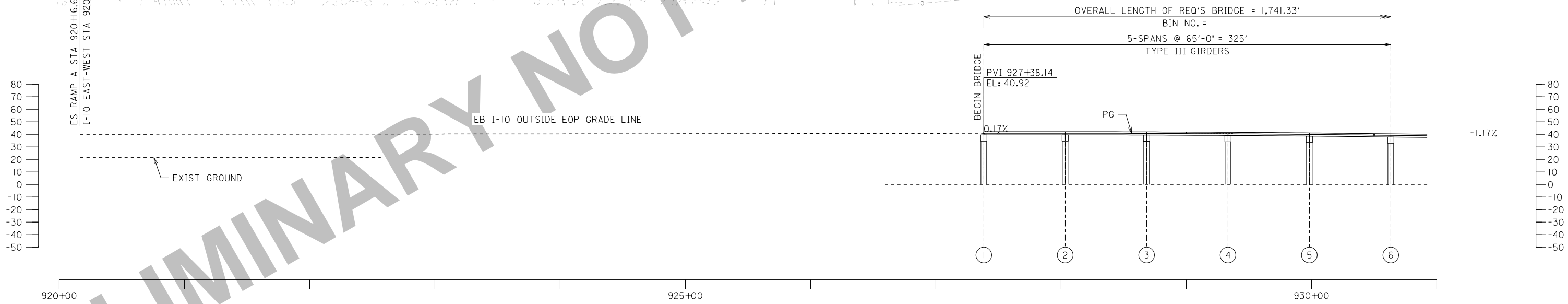
1. REFER TO ROADWAY DRAWINGS FOR SUPERELEVATION AND CROSS-SLOPE INFORMATION.
2. MAINTAIN MINIMUM VERTICAL CLEARANCE TO LOW MEMBER AS FOLLOWS:
  - A. 1'-0" ABOVE 100-YEAR STORM SURGE ELEVATION (SEE NOTE FOR RAMP ENDS).
  - B. 17'-0" ABOVE ROADWAY LANES.
  - C. BOTTOM OF PRESTRESSED BEAMS OVER WATER - EL. 8.0' MINIMUM.
  - D. 3'-0" BOTTOM OF PRESTRESSED BEAMS OVER GRADE.
3. RAMP ENDS - RAMP ENDS OVER WATER WHICH CANNOT MAINTAIN 1'-0" MINIMUM CLEARANCE ABOVE THE 100-YEAR STORM SURGE SHALL BE DESIGNED TO WITHSTAND THE STORM SURGE HYDRAULIC FORCES.
4. PROVIDE DECK DRAINAGE SCUPPERS ACCORDING TO ALDOT STRUCTURAL DESIGN MANUAL SECTION 2 (NOT SHOWN). PROVIDE CLOSED DECK DRAINAGE SYSTEM FOR AREAS WHERE SCUPPERS ARE PROHIBITED AND ADJACENT SCUPPERS ARE NOT ADEQUATE TO CONVEY FLOW.

Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 3 OF 3	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY MIDBAY I-10 WESTBOUND OFF RAMP RAMP D BALDWIN COUNTY, ALABAMA	
REVISIONS	TYPICAL BRIDGE SECTION	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN



PLAN

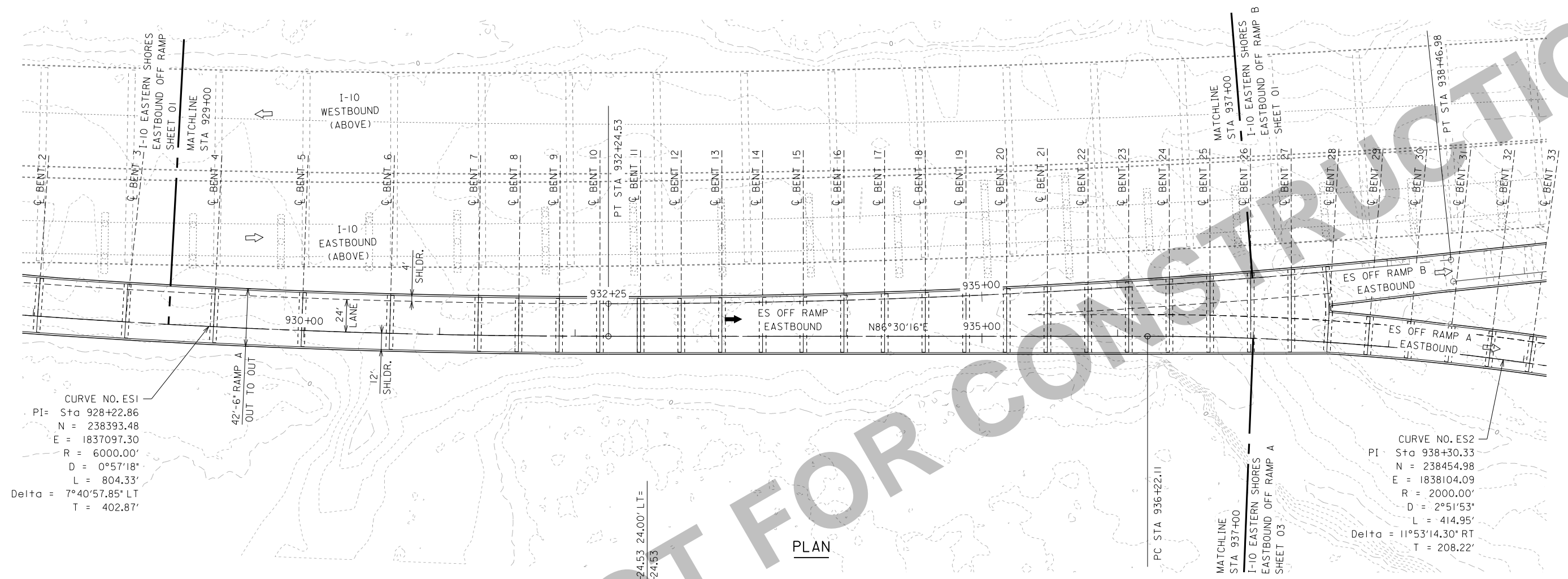


ELEVATION

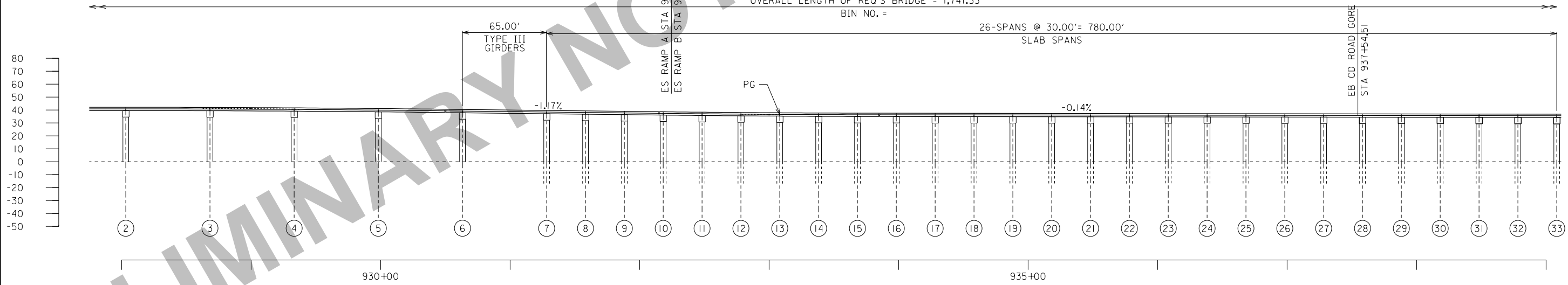
Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements  
 \*Eastern Shore Interchange was reconfigured in 2018; profiles were not updated and are not reflected in reference plans.

ALABAMA DEPARTMENT OF TRANSPORTATION			
BRIDGE SHEET NO. 1 OF 4	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EASTERN SHORES I-10 EASTBOUND OFF RAMP		
REVISIONS	BALDWIN COUNTY, ALABAMA		
GENERAL PLAN AND ELEVATION (1 OF 2)			
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:	
COMPUTED BY:	CHECKED BY:	DATE DRAWN:	
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN	
BIN: 011929			

PLOT DRIVER: HDR ALDOT PDF BW HALF SIZE.pltcfgr  
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 FILE: \PENTABLE: HDR\_ALDOT.tb1  
 SCALE: 1:0.166666  
 DATE: 1/12/2018



OVERALL LENGTH OF REQ'S BRIDGE = 1,741.33'  
 BIN NO. =

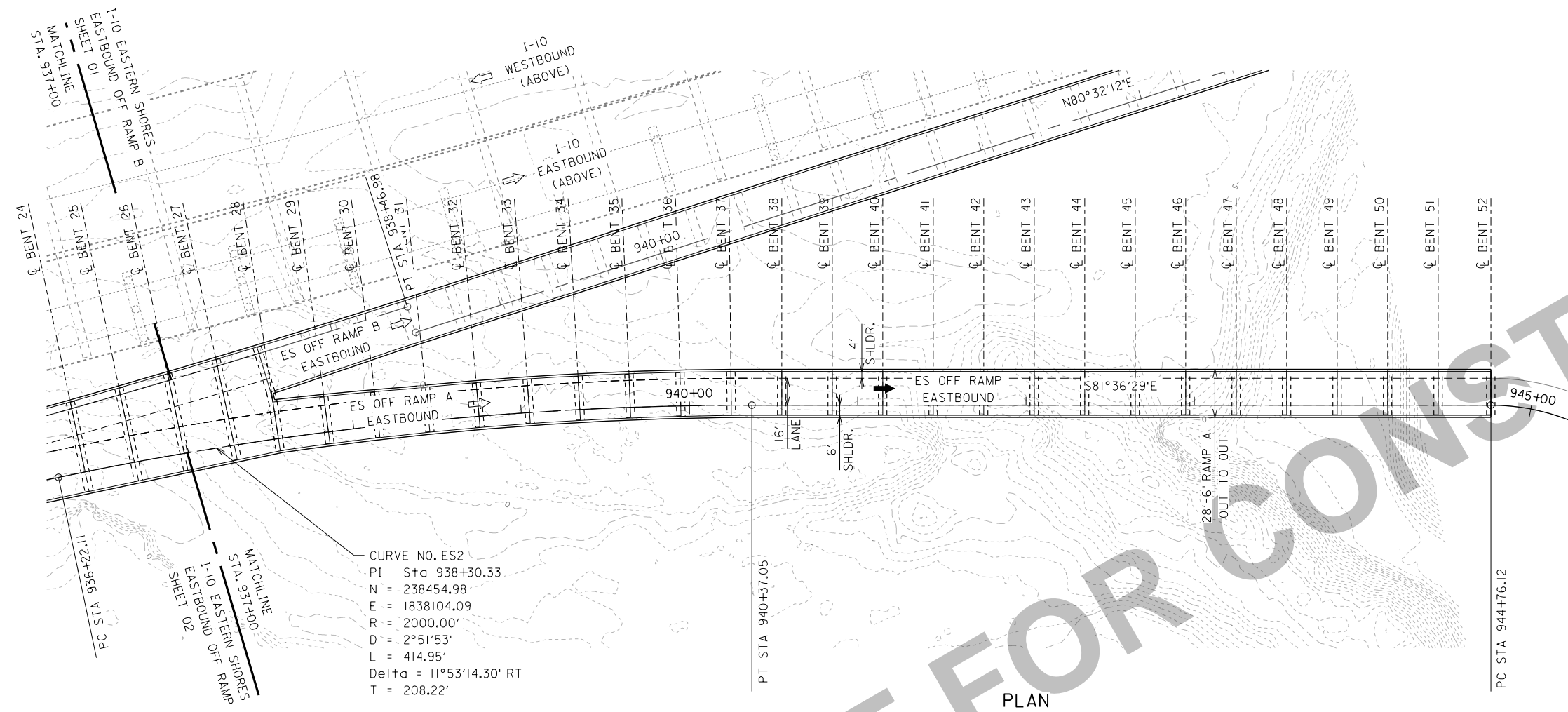


**ELEVATION**

Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements. \*Eastern Shore Interchange was reconfigured in 2018; profiles were not updated and are not reflected in reference plans.

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 2 OF 4	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EASTERN SHORES I-10 EASTBOUND OFF RAMP	
REVISIONS	BALDWIN COUNTY, ALABAMA	
GENERAL PLAN AND ELEVATION (2 OF 2)		
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN
BIN: 011929		

PLOT DRIVER: HDR ALDOT PDF BW HALF SIZE.pltcf  
 USER: dow27781  
 FILE: \PENTABLE: HDR\_ALDOT.tb1  
 SCALE: 1:0.166666  
 DATE: 1/12/2018



CURVE NO. ES3  
 PI Sta 945+93.42  
 N = 238343.39  
 E = 1838860.49  
 R = 125.00'  
 D = 45°50'12"  
 L = 188.40'  
 Delta = 86°21'20.88" RT  
 T = 117.29'

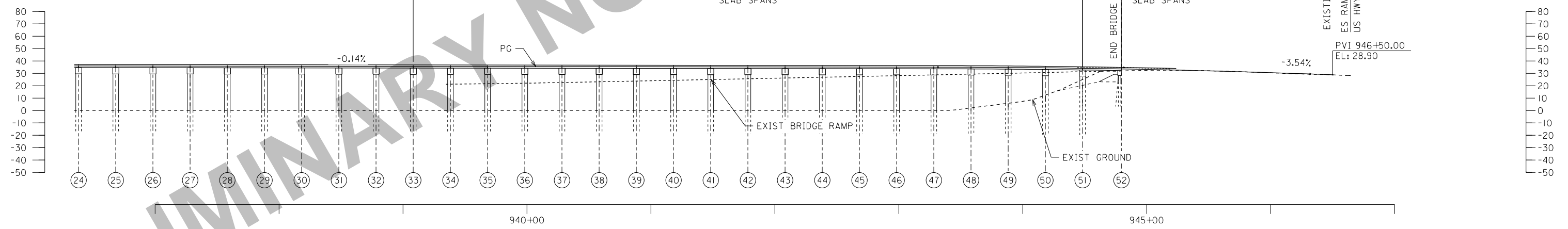
CURVE NO. ES2  
 PI Sta 938+30.33  
 N = 238454.98  
 E = 1838104.09  
 R = 2000.00'  
 D = 2°51'53"  
 L = 414.95'  
 Delta = 11°53'14.30" RT  
 T = 208.22'

PLAN

OVERALL LENGTH OF REQ'S BRIDGE = 1,741.33'  
 BIN NO. =

18-SPANS @ 30.00' = 540.00'  
 SLAB SPANS

31.33'  
 SLAB SPANS



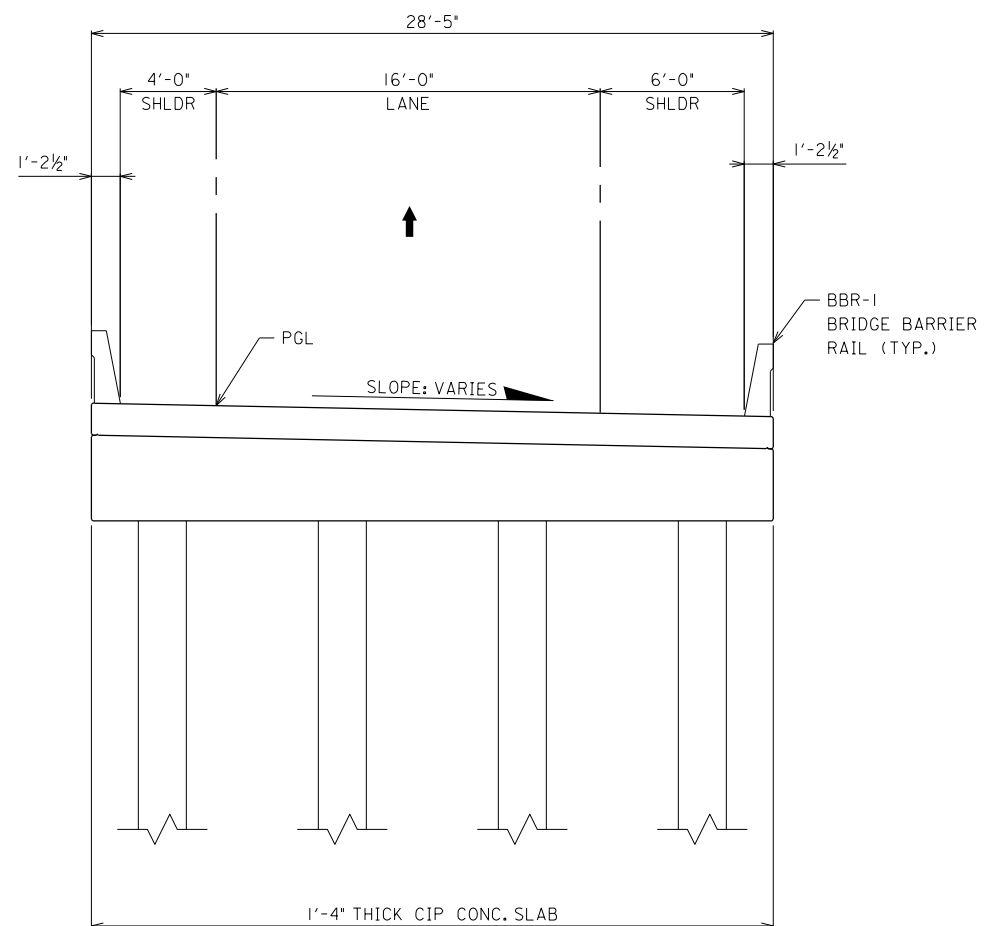
ELEVATION

Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements. \*Eastern Shore Interchange was reconfigured in 2018; profiles were not updated and are not reflected in reference plans.

ALABAMA DEPARTMENT OF TRANSPORTATION			
BRIDGE SHEET NO. 3 OF 4	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EASTERN SHORES I-10 EASTBOUND OFF RAMP RAMP A BALDWIN COUNTY, ALABAMA		
REVISIONS	GENERAL PLAN AND ELEVATION (1 OF 1)		
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:	
COMPUTED BY:	CHECKED BY:	DATE DRAWN:	
VERIFIED BY:	DATE CHECKED:	SCALE:	AS SHOWN
BIN:	011929		

PLOT DRIVER: HDR\_ALDOT\_PDF\_BW\_HALF\_SIZE.pltcfgr  
 USER: dow27781  
 FILE: \

PENTABLE: HDR\_ALDOT.tbl  
 SCALE: 1:0.166666  
 DATE: 1/12/2018



I-10 EASTERN SHORE RAMP A

NOTES:

1. REFER TO ROADWAY DRAWINGS FOR SUPERELEVATION AND CROSS-SLOPE INFORMATION.
2. MAINTAIN MINIMUM VERTICAL CLEARANCE TO LOW MEMBER AS FOLLOWS:
  - A. 1'-0" ABOVE 100-YEAR STORM SURGE ELEVATION (SEE NOTE FOR RAMP ENDS).
  - B. 17'-0" ABOVE ROADWAY LANES.
  - C. BOTTOM OF PRESTRESSED BEAMS OVER WATER - EL. 8.0' MINIMUM.
  - D. 3'-0" BOTTOM OF PRESTRESSED BEAMS OVER GRADE.
3. RAMP ENDS - RAMP ENDS OVER WATER WHICH CANNOT MAINTAIN 1'-0" MINIMUM CLEARANCE ABOVE THE 100-YEAR STORM SURGE SHALL BE DESIGNED TO WITHSTAND THE STORM SURGE HYDRAULIC FORCES.
4. PROVIDE DECK DRAINAGE SCUPPERS ACCORDING TO ALDOT STRUCTURAL DESIGN MANUAL SECTION 2 (NOT SHOWN). PROVIDE CLOSED DECK DRAINAGE SYSTEM FOR AREAS WHERE SCUPPERS ARE PROHIBITED AND ADJACENT SCUPPERS ARE NOT ADEQUATE TO CONVEY FLOW.

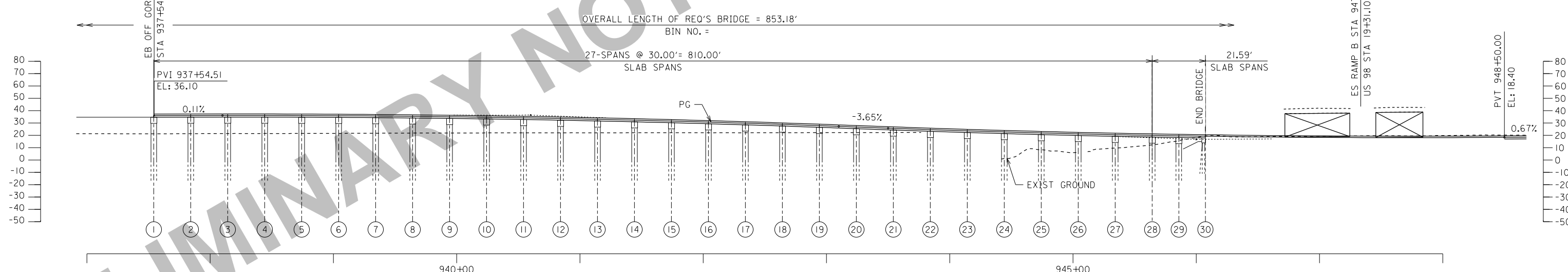
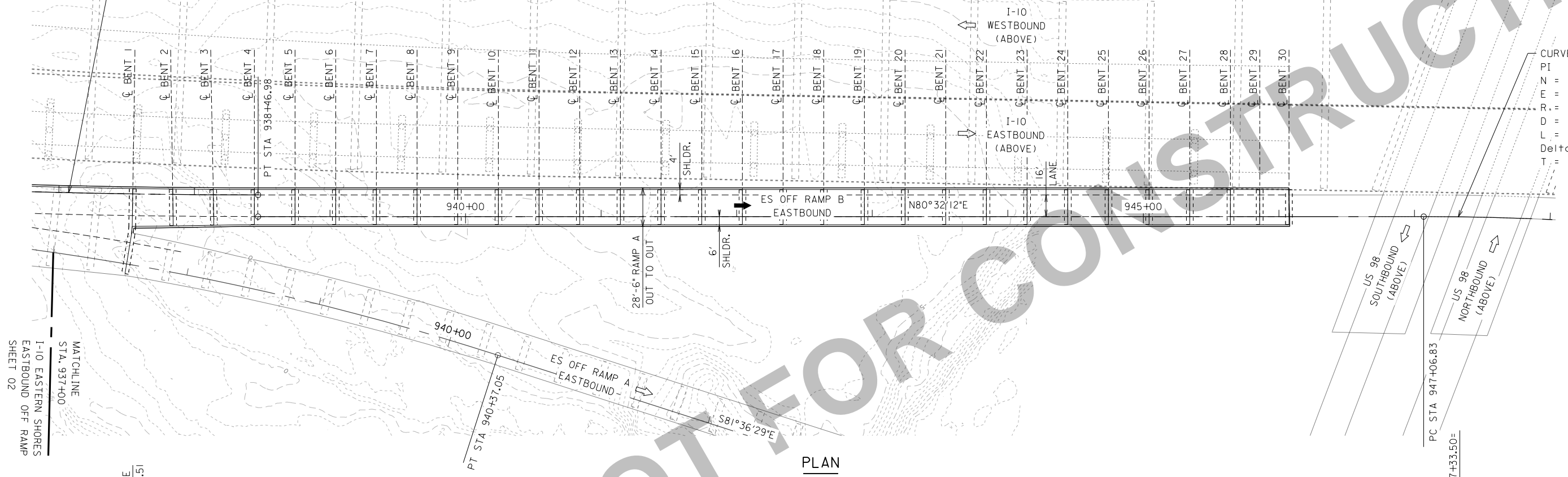
Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements. \*Eastern Shore Interchange was reconfigured in 2018; profiles were not updated and are not reflected in reference plans.

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 4 OF 4	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EASTERN SHORES I-10 EASTBOUND OFF RAMP RAMP A BALDWIN COUNTY, ALABAMA	
REVISIONS	TYPICAL BRIDGE SECTION	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN



CURVE NO. ES4  
 PI STA 935+36.04  
 N = 238460.99  
 E = 1837808.89  
 R = 5976.00'  
 D = 0°57'32"  
 L = 622.45'  
 DELTA = 5°58'04.24" LT  
 T = 311.51'

CURVE NO. ES5  
 PI Sta 949+82.32  
 N = 238685.09  
 E = 1839238.67  
 R = 2000.00'  
 D = 2°51'53"  
 L = 547.53'  
 Delta = 15°41'07.90" RT  
 T = 275.49'



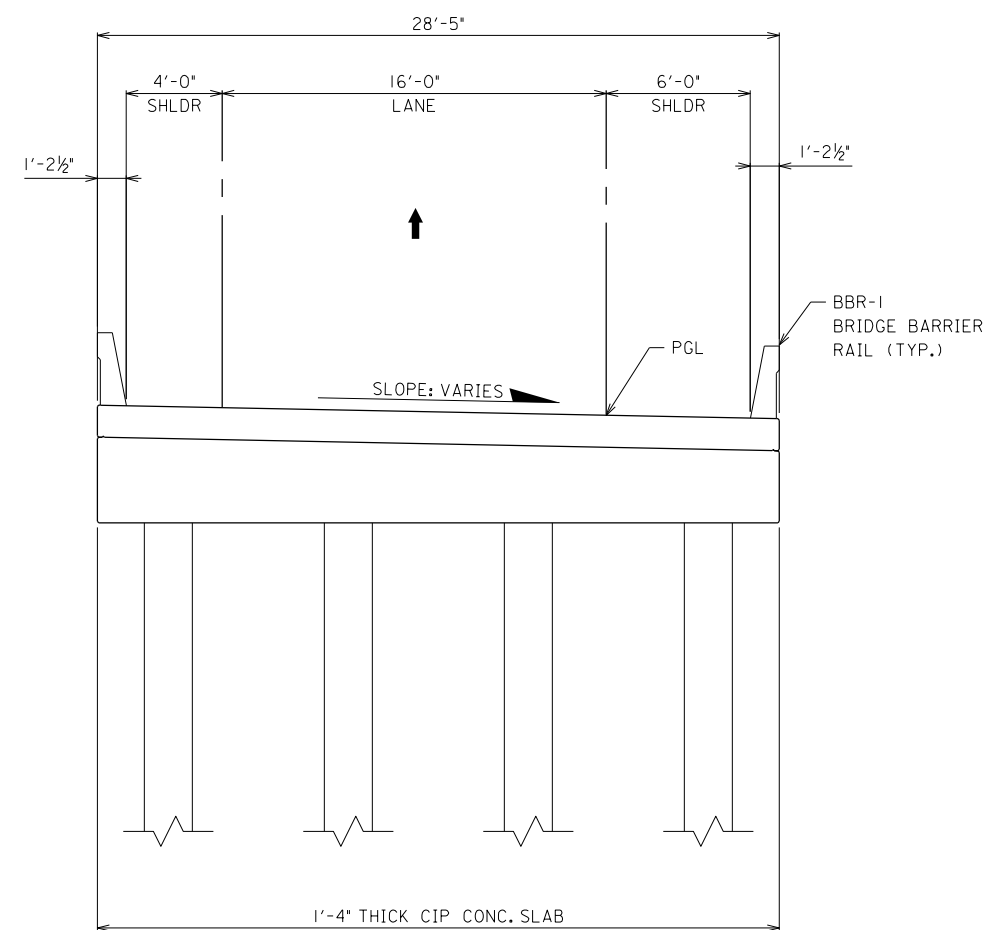
Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements. \*Eastern Shore Interchange was reconfigured in 2018; profiles were not updated and are not reflected in reference plans.

ALABAMA DEPARTMENT OF TRANSPORTATION			
BRIDGE SHEET NO. 1 OF 2	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EASTERN SHORES I-10 BUSINESS EASTBOUND OFF RAMP RAMP B BALDWIN COUNTY, ALABAMA		
REVISIONS	GENERAL PLAN AND ELEVATION (1 OF 1)		
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:	
COMPUTED BY:	CHECKED BY:	DATE DRAWN:	
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN	
BIN:			

PLOT DRIVER: HDR\_ALDOT.td1  
 USER: dsw27781  
 FILE: \

PENTABLE: HDR\_ALDOT.td1  
 SCALE: 1:0.166666

PLOT DRIVER: HDR\_ALDOT PDF BW HALF SIZE.pltcfgr  
 USER: dsw27781  
 DATE: 1/12/2018



I-10 EASTERN SHORE RAMP B

**NOTES:**

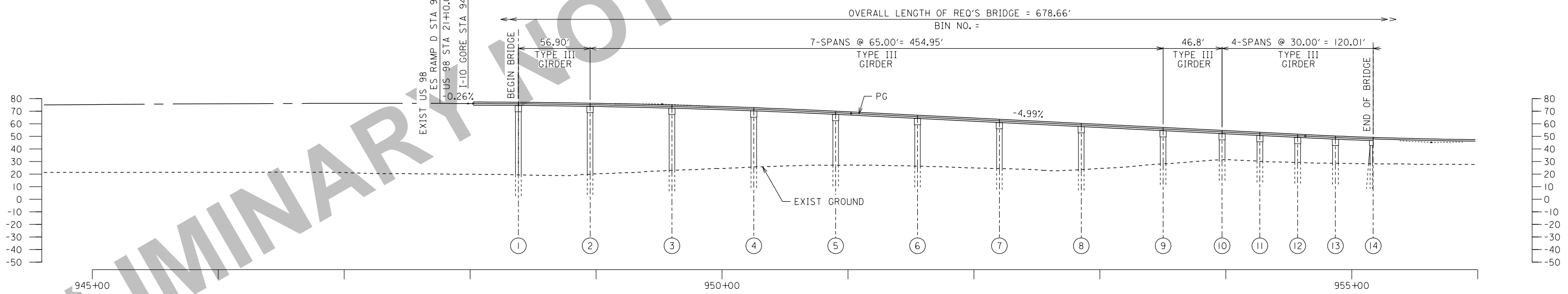
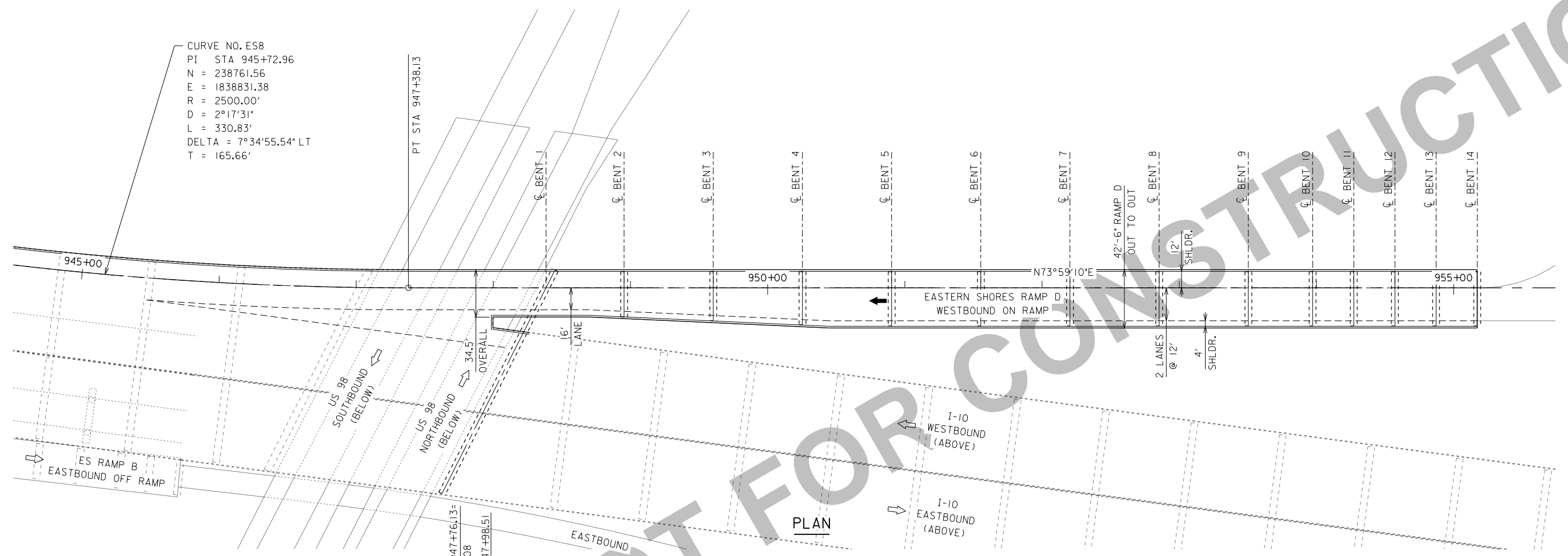
1. REFER TO ROADWAY DRAWINGS FOR SUPERELEVATION AND CROSS-SLOPE INFORMATION.
2. MAINTAIN MINIMUM VERTICAL CLEARANCE TO LOW MEMBER AS FOLLOWS:
  - A. 1'-0" ABOVE 100-YEAR STORM SURGE ELEVATION (SEE NOTE FOR RAMP ENDS).
  - B. 17'-0" ABOVE ROADWAY LANES.
  - C. BOTTOM OF PRESTRESSED BEAMS OVER WATER - EL. 8.0' MINIMUM.
  - D. 3'-0" BOTTOM OF PRESTRESSED BEAMS OVER GRADE.
3. RAMP ENDS - RAMP ENDS OVER WATER WHICH CANNOT MAINTAIN 1'-0" MINIMUM CLEARANCE ABOVE THE 100-YEAR STORM SURGE SHALL BE DESIGNED TO WITHSTAND THE STORM SURGE HYDRAULIC FORCES.
4. PROVIDE DECK DRAINAGE SCUPPERS ACCORDING TO ALDOT STRUCTURAL DESIGN MANUAL SECTION 2 (NOT SHOWN). PROVIDE CLOSED DECK DRAINAGE SYSTEM FOR AREAS WHERE SCUPPERS ARE PROHIBITED AND ADJACENT SCUPPERS ARE NOT ADEQUATE TO CONVEY FLOW.

Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements. \*Eastern Shore Interchange was reconfigured in 2018; profiles were not updated and are not reflected in reference plans.

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 2 OF 2	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EASTERN SHORES I-10 EASTBOUND OFF RAMP RAMP B BALDWIN COUNTY, ALABAMA	
REVISIONS	TYPICAL BRIDGE SECTION	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN



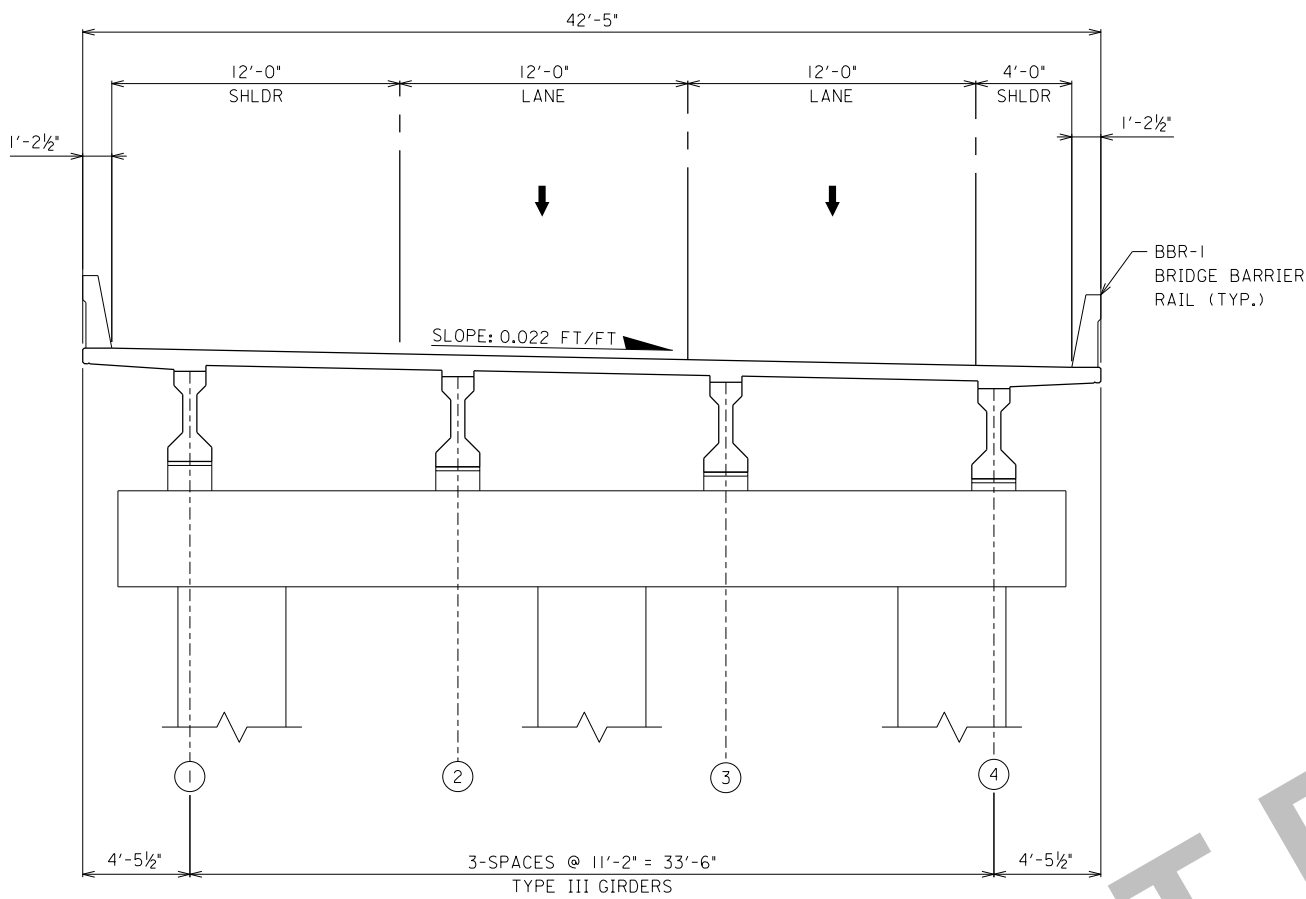
CURVE NO. ES8  
 PI STA 945+72.96  
 N = 238761.56  
 E = 1838831.38  
 R = 2500.00'  
 D = 2°17'31"  
 L = 330.83'  
 DELTA = 7°34'55.54" LT  
 T = 165.66'



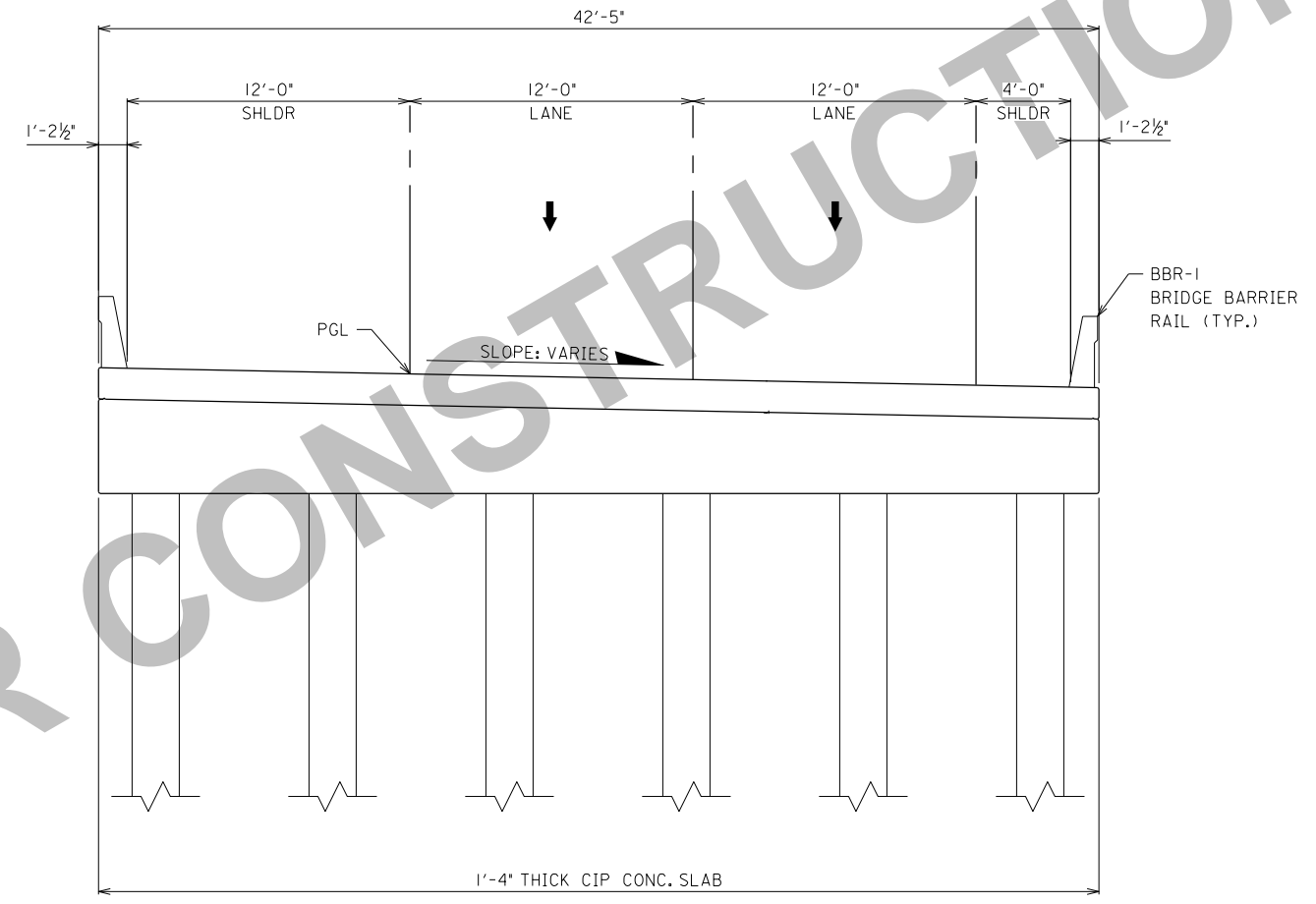
Reference plans have not been updated to adjust the bayway connections due to the reduced travel lanes, reduced shoulder widths or other changes since plans were developed. See technical provisions for latest requirements. \*Eastern Shore Interchange was reconfigured in 2018; profiles were not updated and are not reflected in reference plans.

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 1 OF 2	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EASTERN SHORES I-10 WESTBOUND ON RAMP RAMP D	
REVISIONS	GENERAL PLAN AND ELEVATION (1 OF 1)	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN

PLOT DRIVER: HDR\_ALDOT\_PDF\_BW\_HALF\_SIZE.pltcfgr  
 USER: dsw27781  
 FILE: \PENTABLE: HDR\_ALDOT.tb1  
 SCALE: 1:0.166666  
 DATE: 1/12/2018



I-10 EASTERN SHORES RAMP D



I-10 EASTERN SHORE RAMP D

NOTES:

- REFER TO ROADWAY DRAWINGS FOR SUPERELEVATION AND CROSS-SLOPE INFORMATION.
- MAINTAIN MINIMUM VERTICAL CLEARANCE TO LOW MEMBER AS FOLLOWS:
  - 1'-0" ABOVE 100-YEAR STORM SURGE ELEVATION (SEE NOTE FOR RAMP ENDS).
  - 17'-0" ABOVE ROADWAY LANES.
  - BOTTOM OF PRESTRESSED BEAMS OVER WATER - EL. 8.0' MINIMUM.
  - 3'-0" BOTTOM OF PRESTRESSED BEAMS OVER GRADE.
- RAMP ENDS - RAMP ENDS OVER WATER WHICH CANNOT MAINTAIN 1'-0" MINIMUM CLEARANCE ABOVE THE 100-YEAR STORM SURGE SHALL BE DESIGNED TO WITHSTAND THE STORM SURGE HYDRAULIC FORCES.
- PROVIDE DECK DRAINAGE SCUPPERS ACCORDING TO ALDOT STRUCTURAL DESIGN MANUAL SECTION 2 (NOT SHOWN). PROVIDE CLOSED DECK DRAINAGE SYSTEM FOR AREAS WHERE SCUPPERS ARE PROHIBITED AND ADJACENT SCUPPERS ARE NOT ADEQUATE TO CONVEY FLOW.

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ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. 2 OF 2	PROJECT NO. MOBILE RIVER BRIDGE AND BAYWAY EASTERN SHORES I-10 WESTBOUND ON RAMP RAMP D BALDWIN COUNTY, ALABAMA	
REVISIONS	TYPICAL BRIDGE SECTION	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE: AS SHOWN