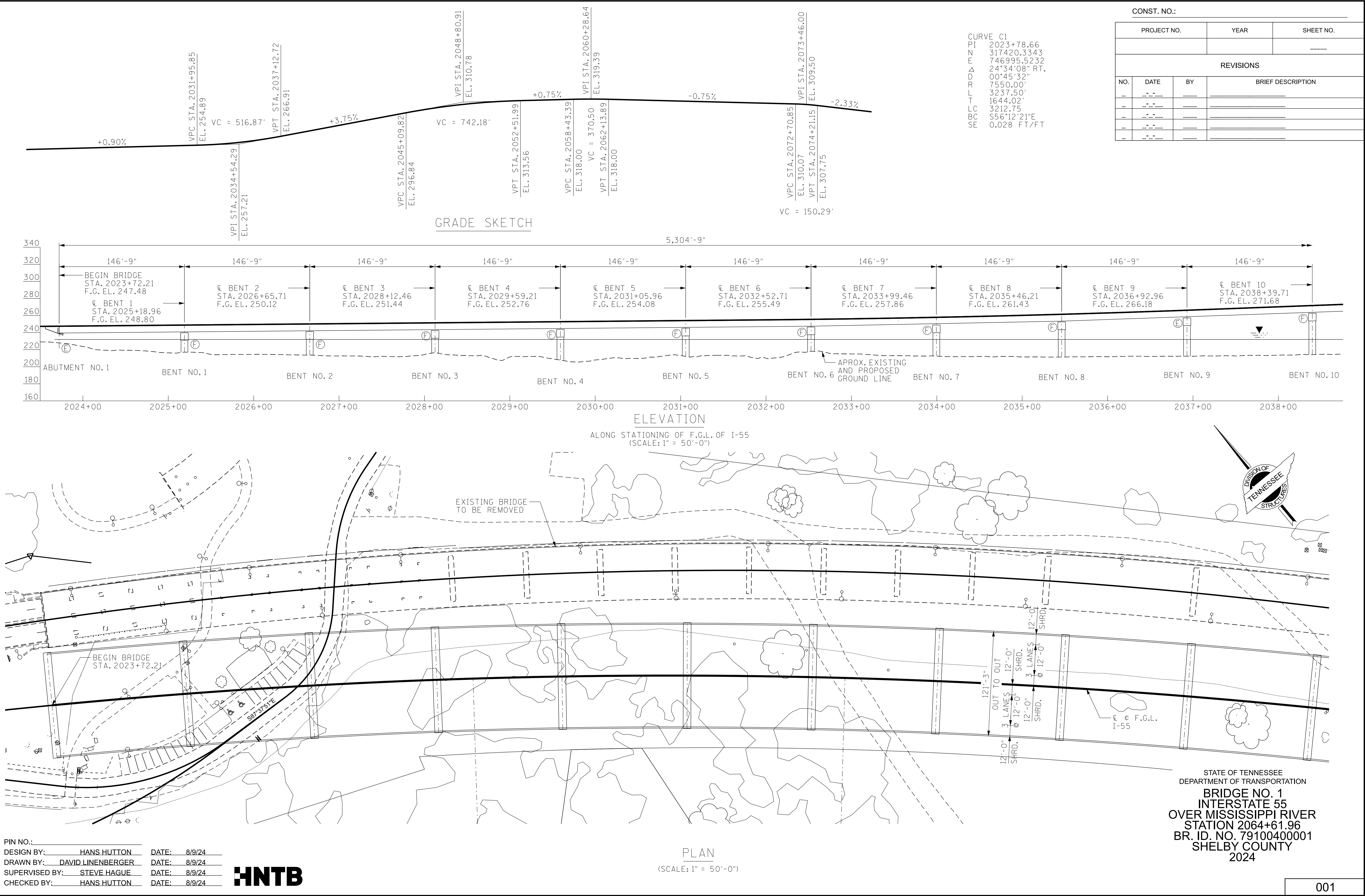
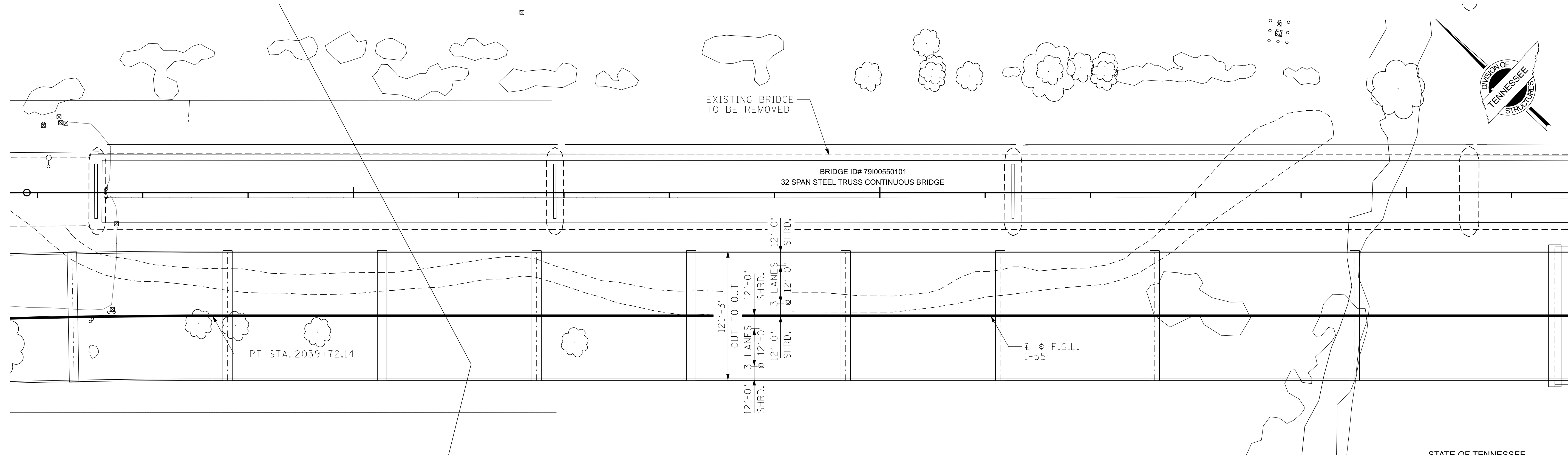


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[illegible]

DRAINAGE AREA - X.X SQ. MI
DESIGN DISCHARGE (100 YR.) - X,XXX CFS
WATER AREA PROVIDED BELOW EL. X.X FT² - X.X FT²
100 YR. VELOCITY - X.X FPS
100 YR. BRIDGE BACKWATER - X.X FT @ X.X FT
500 YR. DISCHARGE - X.X CFS @ EL. X.X FT
ROADWAY OVERTOPPING EL. - X.X FT



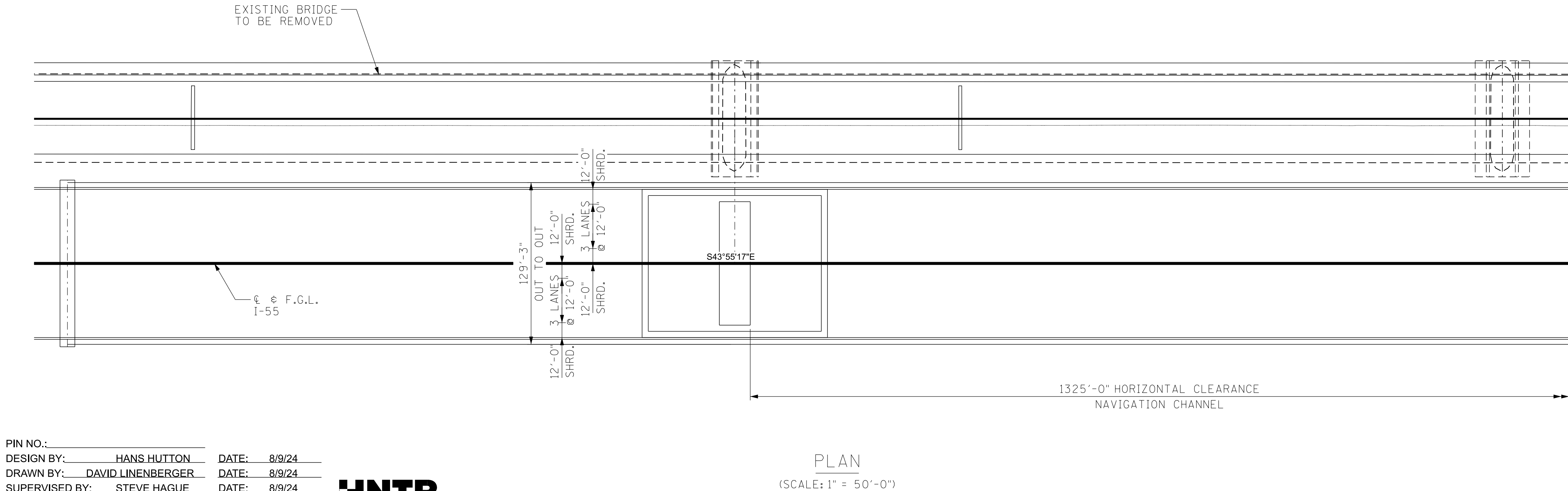
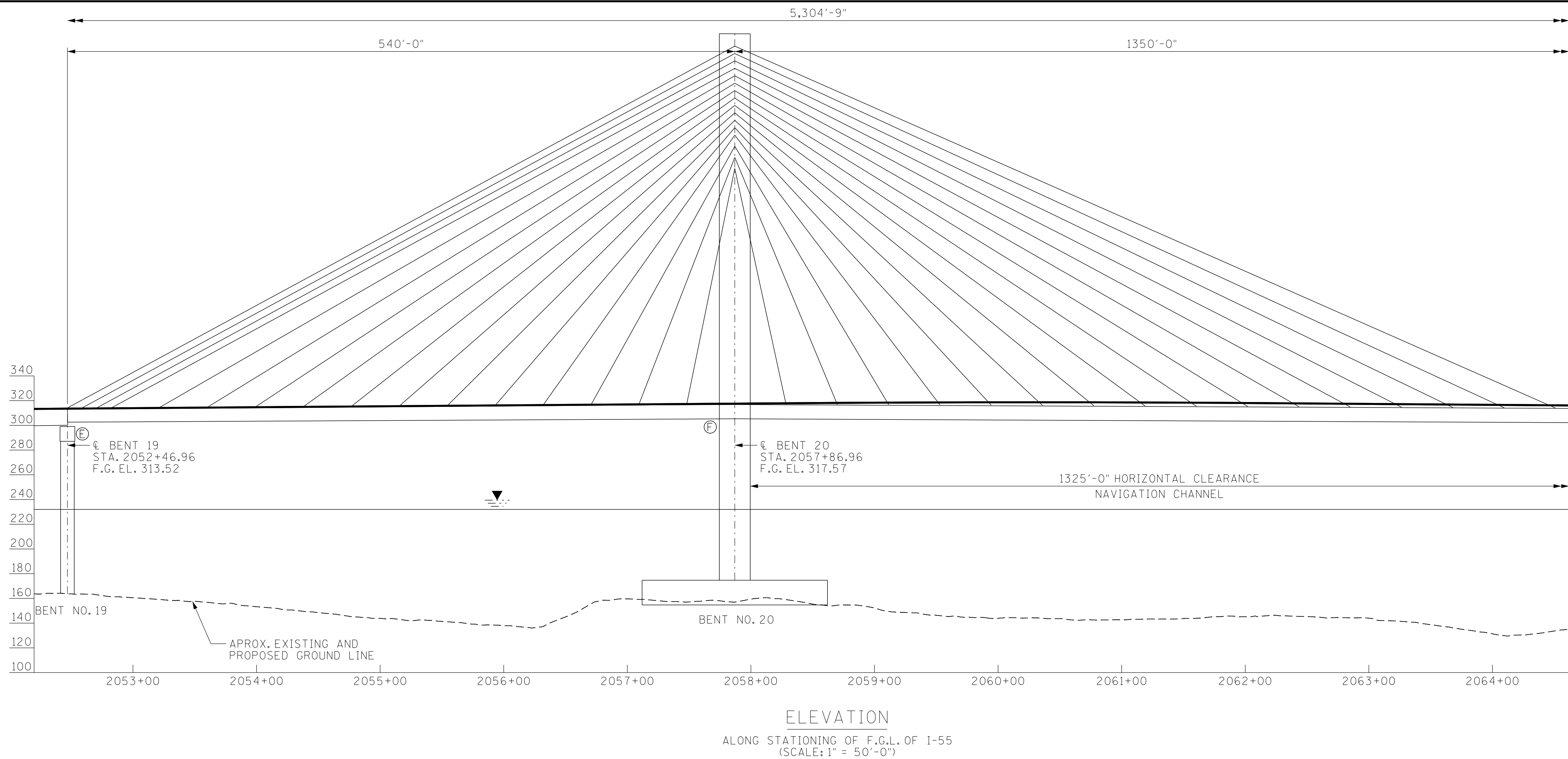
(SCALE: 1" = 50'-0")

PIN NO.: _____

DESIGN BY: _____ HANS HUTTON	DATE: 8/9/24
DRAWN BY: _____ DAVID LINENBERGER	DATE: 8/9/24
SUPERVISED BY: _____ STEVE HAGUE	DATE: 8/9/24
CHECKED BY: _____ HANS HUTTON	DATE: 8/9/24

HNTB

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PIN NO.:
DESIGN BY: HANS HUTTON DATE: 8/9/24
DRAWN BY: DAVID LINENBERGER DATE: 8/9/24
SUPERVISED BY: STEVE HAGUE DATE: 8/9/24
CHECKED BY: HANS HUTTON DATE: 8/9/24

HNTB

CONST. NO.:			
PROJECT NO.		YEAR	SHEET NO.
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
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GENERAL NOTES:

CONSTRUCTION SPECIFICATIONS: TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (JANUARY 1, 2021 EDITION)

DESIGN SPECIFICATIONS: 9TH EDITION (2020) AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS AND THE 2ND EDITION (2011) AAHTO GUIDE SPECIFICATION FOR LRFD SEISMIC BRIDGE DESIGN WITH INTERIMS.

LOADING: HL-93 LIVE LOADING; SITE SPECIFIC SEISMIC DEMAND; DEAD LOADS TO INCLUDE 35 LBS/SQ. FT. FOR FUTURE WEARING SURFACE.

SUPERSTRUCTURE: TO CONSIST OF 9 SPANS OF CONTINUOUS, PRECAST, PRESTRESSED BT-72 BEAMS WITH COMPOSITE SLAB, 3 SPANS OF CONTINUOUS STEEL PLATE GIRDERS WITH COMPOSITE DECK AND A 3 SPAN CONTINUOUS CABLE STAYED UNIT.

CONCRETE: CLASS A F'C=3000 PSI, CLASS DS F'C=4000 PSI FOR BRIDGE DECK.

REINFORCING STEEL: TO BE ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE. EPOXY COAT ALL SLAB STEEL.

BRIDGE DECK SURFACE FINISH: TO BE IN ACCORDANCE WITH METHOD 3 IN ARTICLE 604.22 OF THE STANDARD SPECIFICATIONS.



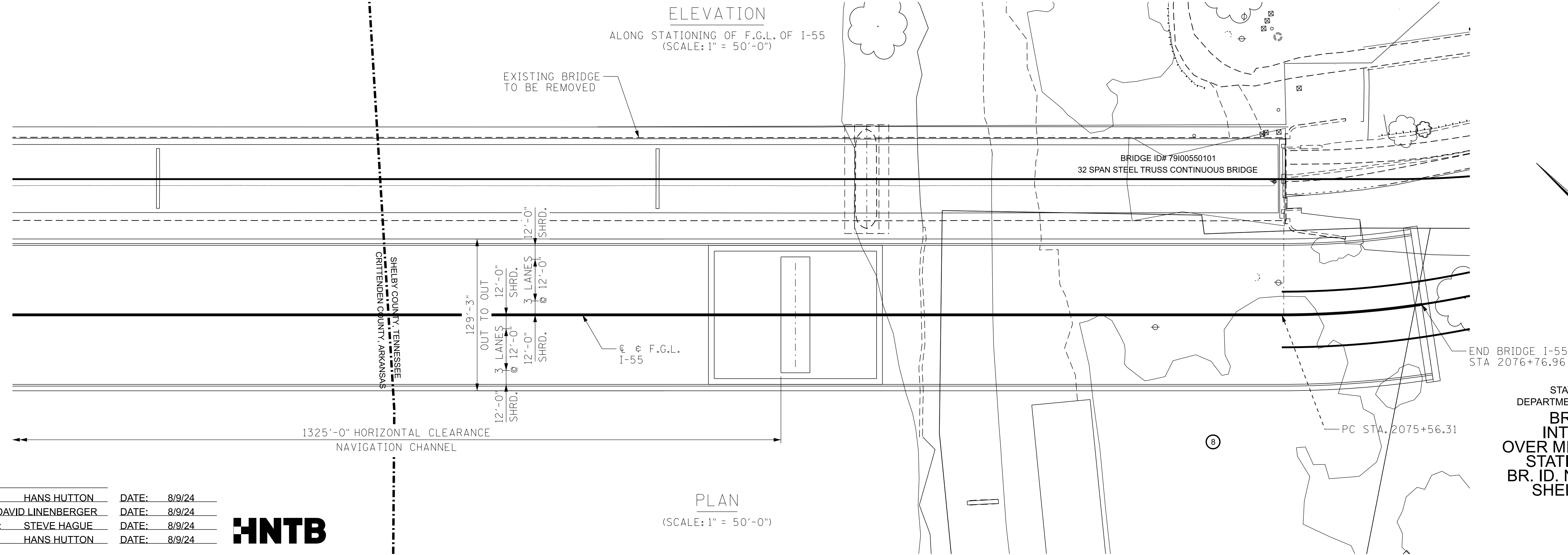
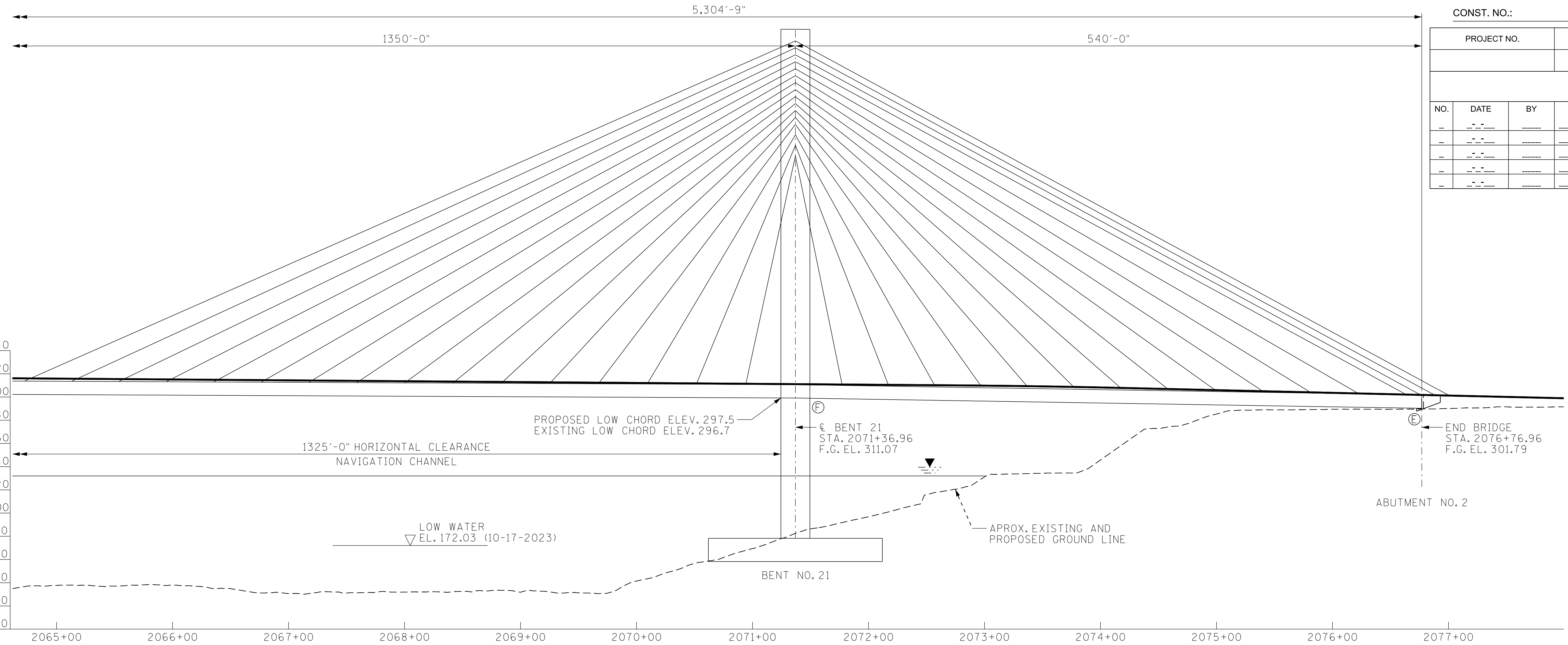
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BRIDGE NO. 1
INTERSTATE 55
OVER MISSISSIPPI RIVER
STATION 2064+61.96
BR. ID. NO. 79100400001
SHELBY COUNTY
2024

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PIN NO.:
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DRAWN BY: DAVID LINENBERGER DATE: 8/9/24
SUPERVISED BY: STEVE HAGUE DATE: 8/9/24
CHECKED BY: HANS HUTTON DATE: 8/9/24

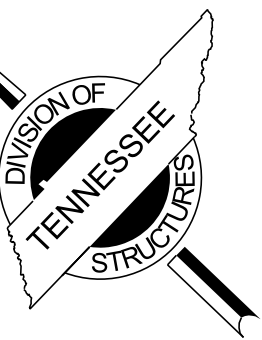


PLAN
(SCALE: 1" = 50'-0")



CONST. NO.:			
PROJECT NO.		YEAR	SHEET NO.
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION

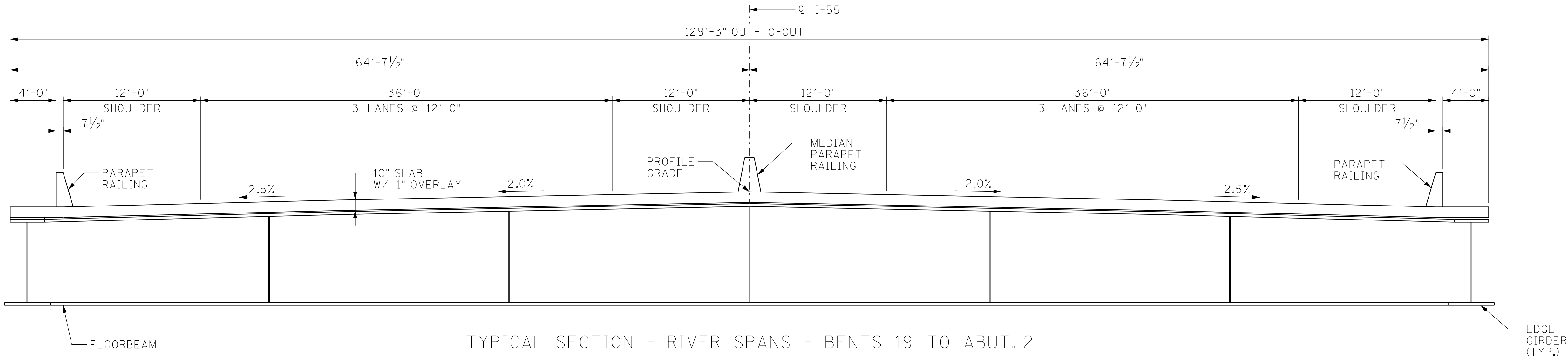
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E 750883.2210
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D 07°04'25"
R 810.00'
L 704.61'
T 376.34'
LC 682.60'
BC S68°50'30"E
SE 0.08 FT/FT



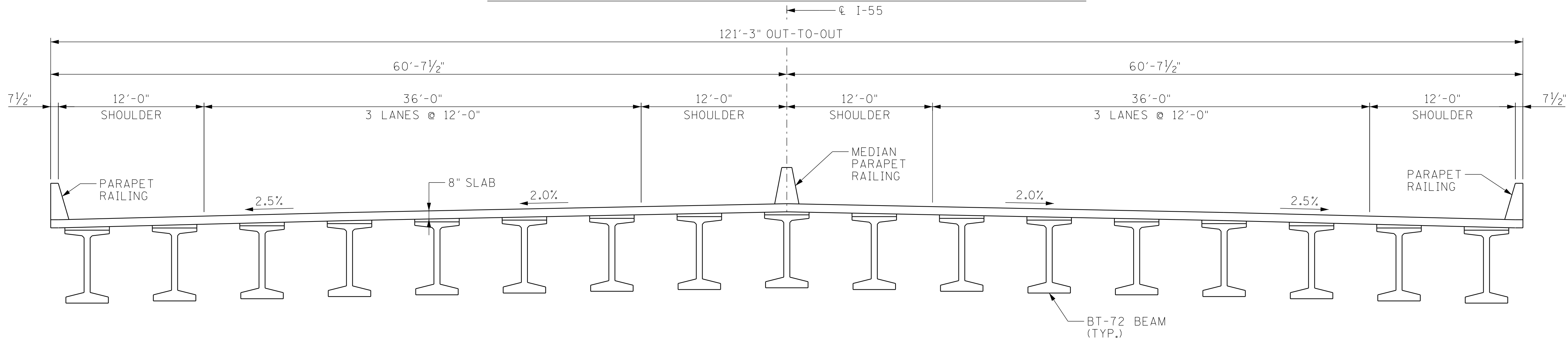
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BRIDGE NO. 1
OVER INTERSTATE 55
STATION 2064+61.96
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SHELBY COUNTY
2024

CONST. NO.:

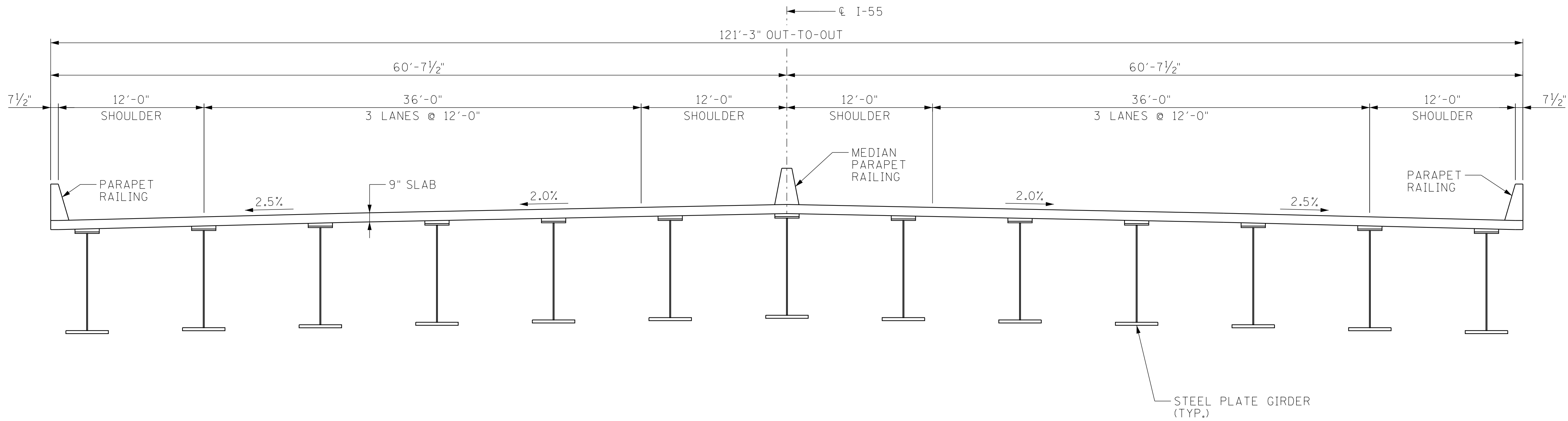
PROJECT NO.		YEAR	SHEET NO.
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
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TYPICAL SECTION - RIVER SPANS - BENTS 19 TO ABUT. 2



TYPICAL SECTION - ARKANSAS APPROACH SPANS - ABUT. 1 TO BENT 17



TYPICAL SECTION - ARKANSAS APPROACH SPANS - BENT 17 TO BENT 19

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BRIDGE NO. 1
OVER MISSISSIPPI RIVER
STATION 2064+61.96
BR. ID. NO. 79100400001
SHELBY COUNTY
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HNTB