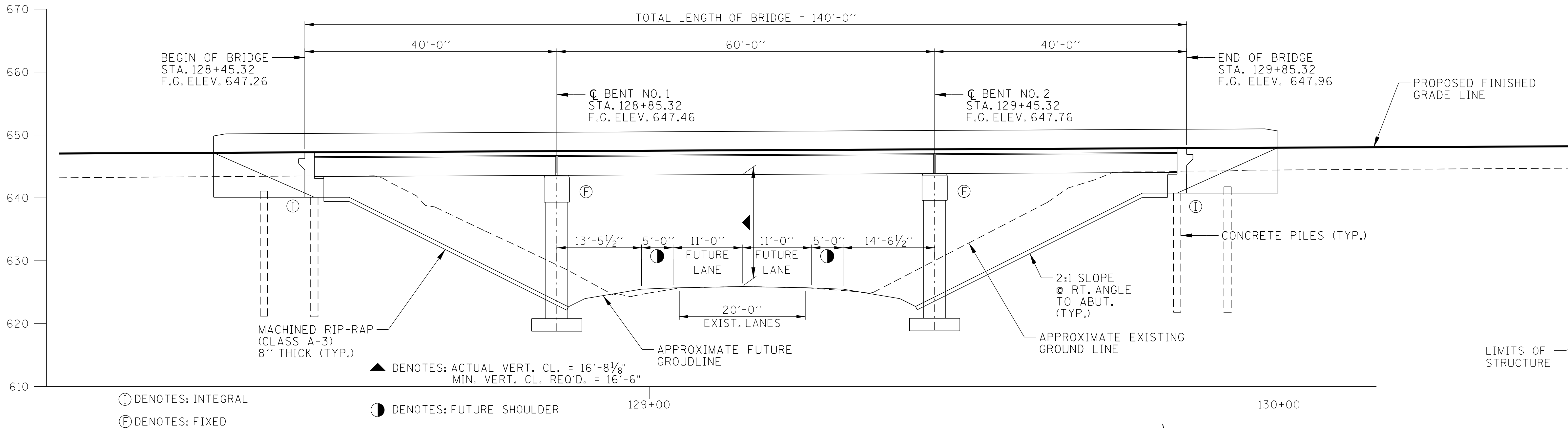
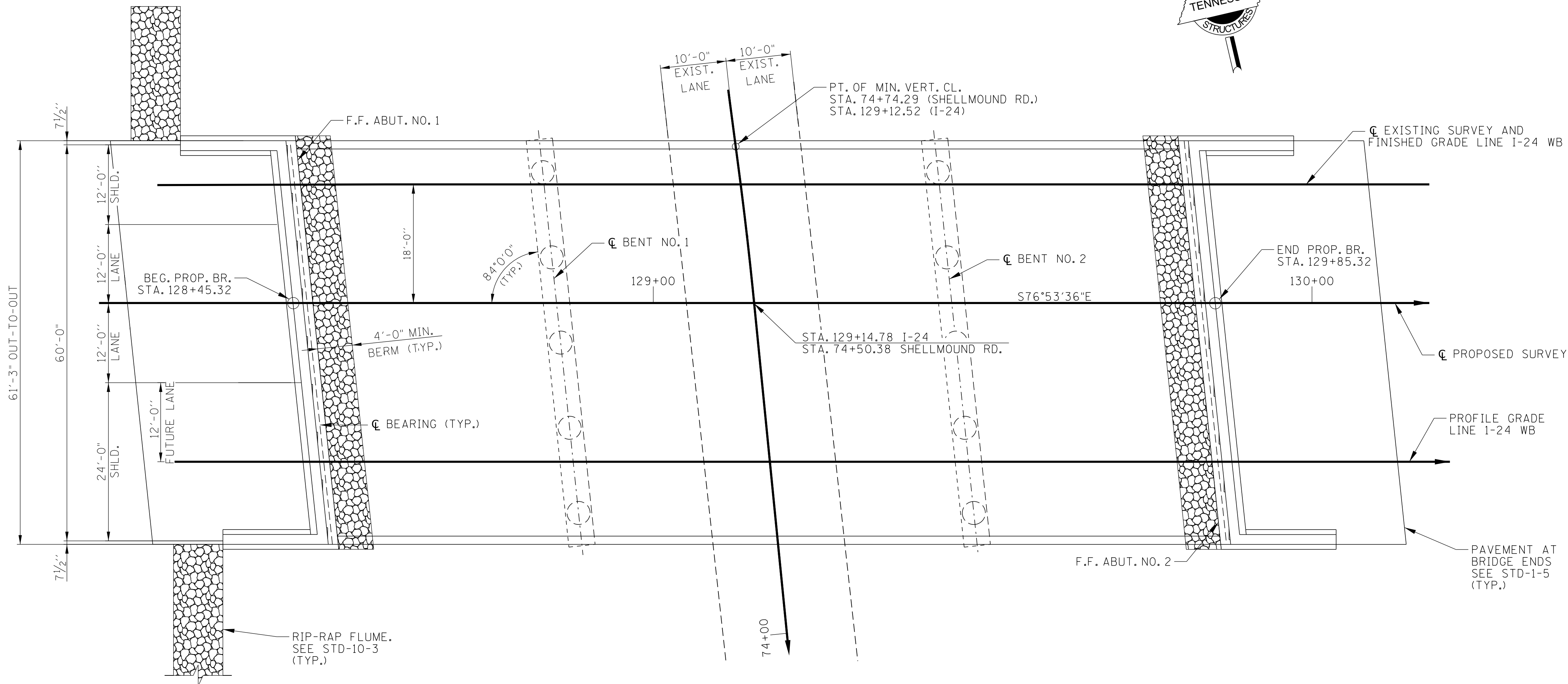


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ELEVATION

SCALE: 1" = 10'-0"

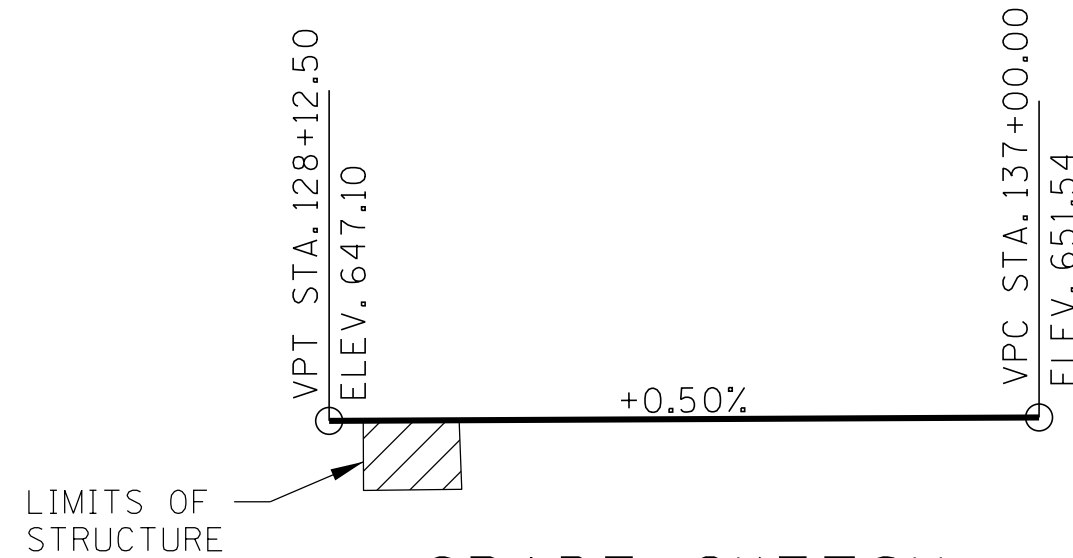


PLAN

SCALE: 1" = 10'-0"

CONST. NO.: ####

PROJECT NO.		YEAR	SHEET NO.
58100-0186-44		2025	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION



GRADE SKETCH

(I-24)

GENERAL NOTES

SPECIFICATIONS: STANDARD ROAD AND BRIDGE
SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF
TRANSPORTATION (JAN. 1, 2021 EDITION).

LOADING: HL-93 LIVE LOADING; SEISMIC CATEGORY "C"
WITH AS=0.138, SDS=0.272, SD1=0.068, (1000 YEAR
RETURN PERIOD). DEAD LOAD INCLUDED 35 LB/SQ. FT.
FOR FUTURE WEARING SURFACE.

DESIGN SPECIFICATIONS: AASHTO LRFD TENTH EDITION,
2024, AND THE 2011 AASHTO GUIDE SPECIFICATIONS FOR
LRFD SEISMIC BRIDGE DESIGN, EDITION 2 (WITH
INTERIMS).

CONCRETE: CLASS "A" F'C-3000 PSI, CLASS "DS" F'C=
4000 PSI FOR BRIDGE DECK, CLASS "DS" CONCRETE FOR
BRIDGE DECKS SHALL BE IN ACCORDANCE WITH SECTION
604 OF THE STANDARD SPECIFICATIONS.

REINFORCING STEEL: TO BE ASTM A615 GRADE 60
UNLESS NOTED OTHERWISE, SEE SECTION 604 AND 907
OF THE STANDARD SPECIFICATIONS. (EPOXY COAT ALL
SLAB STEEL).

SUPERSTRUCTURE: TO CONSIST OF 3 SPANS CONCRETE
AASHTO TYPE II BEAMS WITH COMPOSITE DECK SLAB.
BRIDGE DECK SURFACE FINISH: TO BE IN ACCORDANCE
WITH METHOD (3) IN ARTICLE 604 OF THE STANDARD
SPECIFICATIONS.

BRIDGE RAIL SYSTEM: BUILD BRIDGE RAILING ACCORDING
TO STANDARD DRAWING STD-1-1SS. THE BRIDGE RAIL
SHALL BE FORMED AND CAST PLUMB, NOT
PERPENDICULAR TO THE SLAB

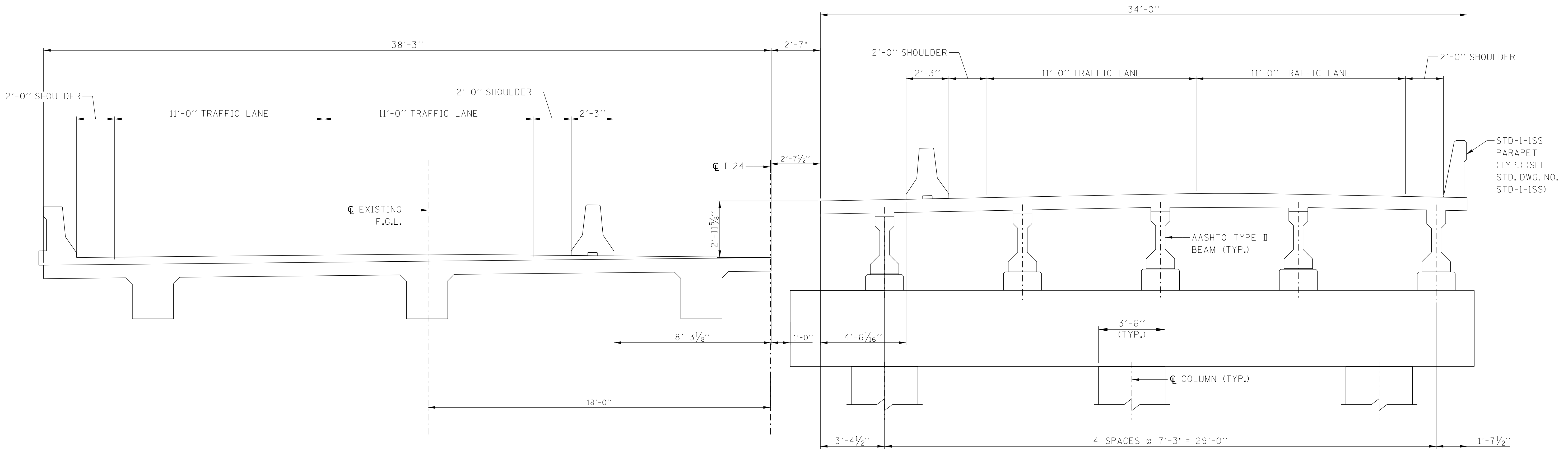
BRIDGE DECK DRAINS ARE NOT REQUIRED.

ROADWAY WIDTH = 60'-0"
STD-1-1SS PARAPET
DESIGN SPEED 80 MPH

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BRIDGE NO. 58-10024-22.65
LAYOUT OF BRIDGE
I-24 WB OVER
SHELLMOUND RD.
STA. 152+17.27
BRIDGE ID. NO. 58100240069
MARION COUNTY
2025

DESIGN BY: Justin P. Carney DATE: 5/30/25
DRAWN BY: Sterling L. Evans DATE: 5/30/25
SUPERVISED BY: Carter D. Bearden DATE: 5/30/25
CHECKED BY: Justin P. Carney DATE: 5/30/25

CONST. NO.: ###			
PROJECT NO.		YEAR	SHEET NO.
58100-0186-44		2025	
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION



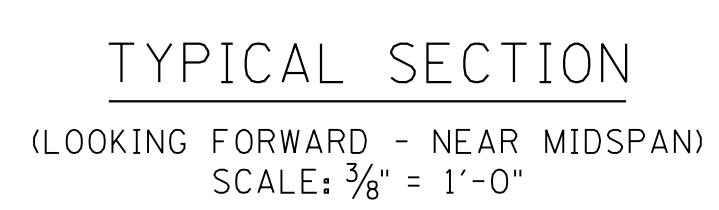
STAGED CONSTRUCTION

(LOOKING FORWARD - NEAR MIDSPAN)
SCALE: $\frac{3}{8}$ " = 1'-0"

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BRIDGE NO. 58-I0024-22.65
STAGED CONSTRUCTION
I-24 WB OVER
SHELLMOUND RD.
STA. 152+17.27
BRIDGE ID. NO. 58100240069
MARION COUNTY
2025

DESIGN BY: Justin P. Carney DATE: 5/30/25
DRAWN BY: Sterling L. Evans DATE: 5/30/25
SUPERVISED BY: Carter D. Bearden DATE: 5/30/25
CHECKED BY: Justin P. Carney DATE: 5/30/25

PROJECT NO.		YEAR		SHEET NO.	
58100-0186-44		2025			
REVISIONS					
NO.	DATE	BY	BRIEF DESCRIPTION		



DESIGN BY:	<u>Justin P. Carney</u>	DATE:	<u>5/30/25</u>
DRAWN BY:	<u>Sterling L. Evans</u>	DATE:	<u>5/30/25</u>
SUPERVISED BY:	<u>Carter D. Bearden</u>	DATE:	<u>5/30/25</u>
CHECKED BY:	<u>Justin P. Carney</u>	DATE:	<u>5/30/25</u>

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