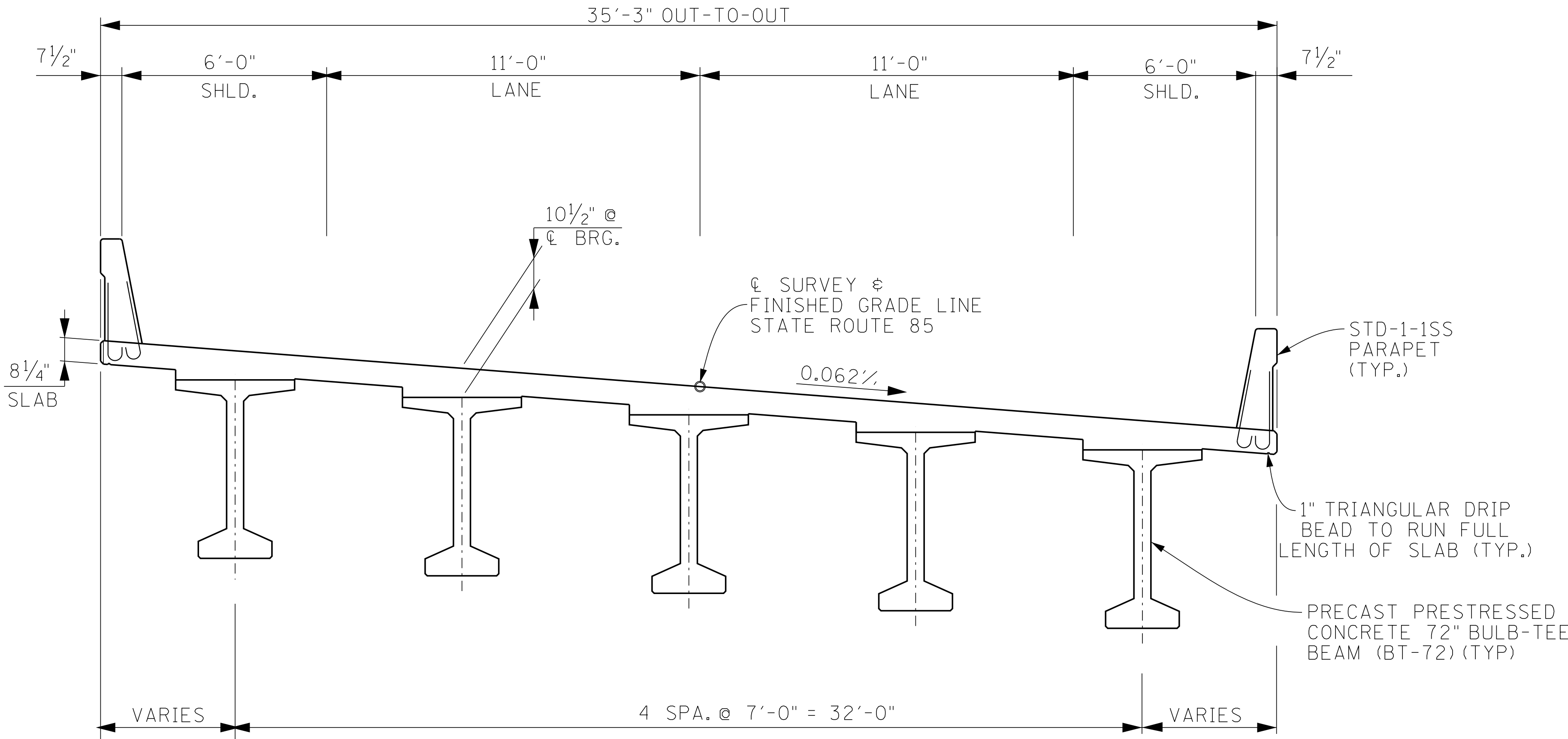


PROJECT NO.		YEAR	SHEET NO.
BR-STP-85(33)		2023	2 OF 2
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
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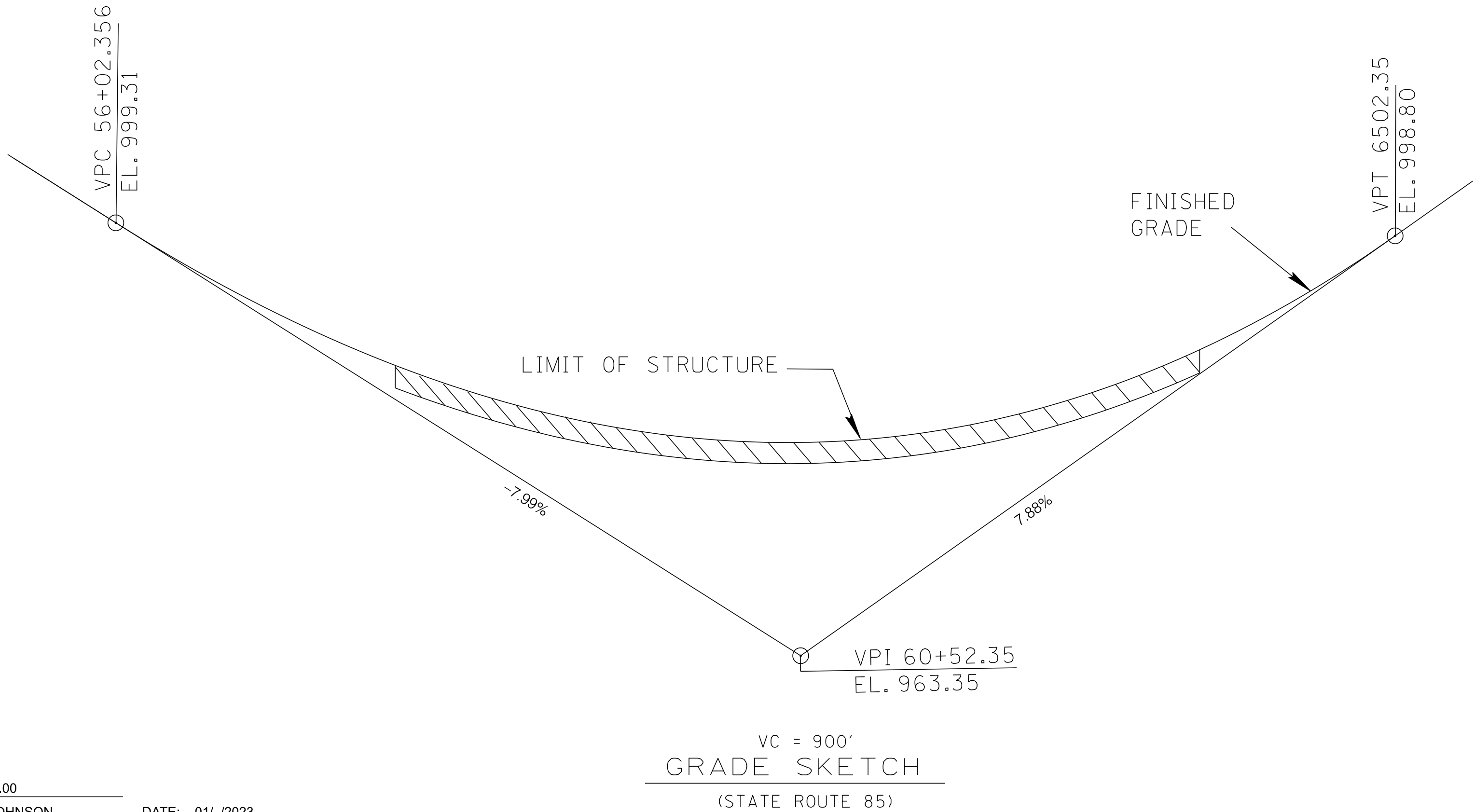
GENERAL NOTES

- 1) SPECIFICATIONS: TDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (SSRBC), (JAN. 1, 2021 EDITION).
- 2) DESIGN SPECIFICATIONS: AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS 2020 9TH EDITION WITH ADDENDA.
- 3) LOADING: HL-93 LIVE LOADING; SEISMIC CATEGORY "-" WITH PGA =0.077, S<sub>s</sub> = 0.0174, S<sub>1</sub> = 0.064 (1000 YEAR RETURN PERIOD); SITE CLASS TO BE DETERMINED BY THE GEOTECHNICAL ENGINEER (DEAD LOAD TO INCLUDE 35 LB/SQ.FT. FOR FUTURE WEARING SURFACE.
- 4) SUPERSTRUCTURE: 7 SPANS OF AASHTO 72" BULB-TEE MADE COMPOSITE WITH CONCRETE DECK AND SUPPORT DIAPHRAGMS.
- 5) CONCRETE: CLASS "A" f'c = 3000 PSI, CLASS "D" f'c = 4000 PSI, FOR BRIDGE DECK.
- 6) REINFORCING STEEL: ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE. EPOXY COAT ALL SLAB STEEL.
- 7) BRIDGE DECK SURFACE FINISH: TO BE IN ACCORDANCE WITH NOTE "3" IN SSRBC ARTICLE 604.22.
- 8) TEXTURE COATING: TO BE MOUNTAIN GRAY (36440) EXCEPT TRAFFIC FACE AND TOP OF PARAPET TO BE WHITE (37886).
- 9) BRIDGE RAIL SYSTEM: BUILD BRIDGE RAILINGS ACCORDING TO STANDARD DRAWING STD-1-1SS.
- 10) EXCAVATION: TO BE BASED ON FINAL PROFILE AT ABUTMENTS AND EXISTING GROUND LINE/ FINAL CHANNEL CROSS-SECTION AT BENTS.
- \* 11) MACHINED RIP-RAP FOR SLOPE PROTECTION SHALL BE CLASS " " AND MEET QUALITY REQUIREMENTS OF SECTION 709 OF TDOT STANDARD CONSTRUCTION SPECIFICATIONS AND PAID FOR UNDER ITEM NO. 709-05 , TON.
- \* 12) RIP-RAP DRAINAGE DITCHES AT BRIDGE ENDS (ARE/ARE NOT REQUIRED.)
- \* 13) BRIDGE DECK DRAINS ARE (REQUIRED/ARE NOT REQUIRED.)

\* RIP-RAP SIZING AND DECK DRAIN/SWALE LOCATIONS WILL BE DETERMINED BY HYDRAULIC SECTION.



TYPICAL CROSS-SECTION  
(LOOKING FORWARD ON SURVEY)



PIN NO.: 124061.00  
DESIGN BY: TERI JOHNSON  
DRAWN BY: TERI JOHNSON  
SUPERVISED BY: ROBERT LEFEVRE  
CHECKED BY: LYDIA NAKAMOTO  
DATE: 01/ /2023  
DATE: 01/ /2023  
DATE: 01/ /2023  
DATE: 01/ /2023

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
PRELIMINARY LAYOUT  
STATE ROUTE 85  
OVER  
EAST FORK OBEY RIVER  
BR. ID. NO. 25SR0850003  
STATION 59+75.00  
FENTRESS COUNTY  
2023