

STATE	FEDERAL AID	STATE	SHEET NO.
VA.	PROJECT BROS-085-8(54)	ROUTE 600	PROJECT 0600-085-309, B659
NBIS Number: 00000000028380		UPC No. 82767	
Federal Oversight Code: N/A		FHWA Construction and Scour Code: X081-S	

DESIGN EXCEPTION(S):

Bridge width: single lane
Parapett height/type: 20" low parapett (proposed)

GENERAL NOTES:

Width: 15'-8" face-to-face of rails.
Span layout: 4 - 43'-0" prestressed concrete void slab beams.
Capacity: HL-93 loading.
Drainage area: 714 sq. mi.
Specifications:

Construction: Virginia Department of Transportation Road and Bridge Specifications, 2007.

Design: AASHTO LRFD Bridge Design Specifications, 6th Edition, 2012; and Interim Specifications; and VDOT Modifications.

Standards: Virginia Department of Transportation Road and Bridge Standards, 2008.

These plans are incomplete unless accompanied by the Supplemental Specifications and Special Provisions included in the contract documents.

This project is to be constructed in accordance with the Virginia Department of Transportation Work Area Protection Manual, May 2005.

Concrete in prestressed members shall be Class A5, having a minimum compressive cylinder strength at 28 days equal to ψ psi and a minimum compressive cylinder strength at time of release of strands equal to ψ psi.

Concrete in the substructure shall be class A3 having a min. compressive cylinder strength at 28 days equal to 3 ksi.

Low permeability concrete shall be used in this project.

Footings shall be keyed in 6" min. and rest on rock. Bearing capacity of foundation shall be ψ tons/sq.ft. min.

Deformed reinforcing bars shall conform to ASTM A615. Grade 60. All reinforcing bar dimensions on the detailed drawings are to centers of bars except where otherwise noted and are subject to fabrication and construction tolerances.

The existing bridge is to remain in place during construction for the continued use of local traffic and is restricted to loads not exceeding 10 tons gross load. The Contractor will not be allowed to exceed the posted weight limit except by the placement of crane outriggers located directly above the existing piers. The crane will not be allowed to drive out on the existing bridge.

Bridge No. of existing is 6004.

Foundation type (H-piles, spread, drilled shaft) is dependent upon the results of geotechnical survey and foundation report.

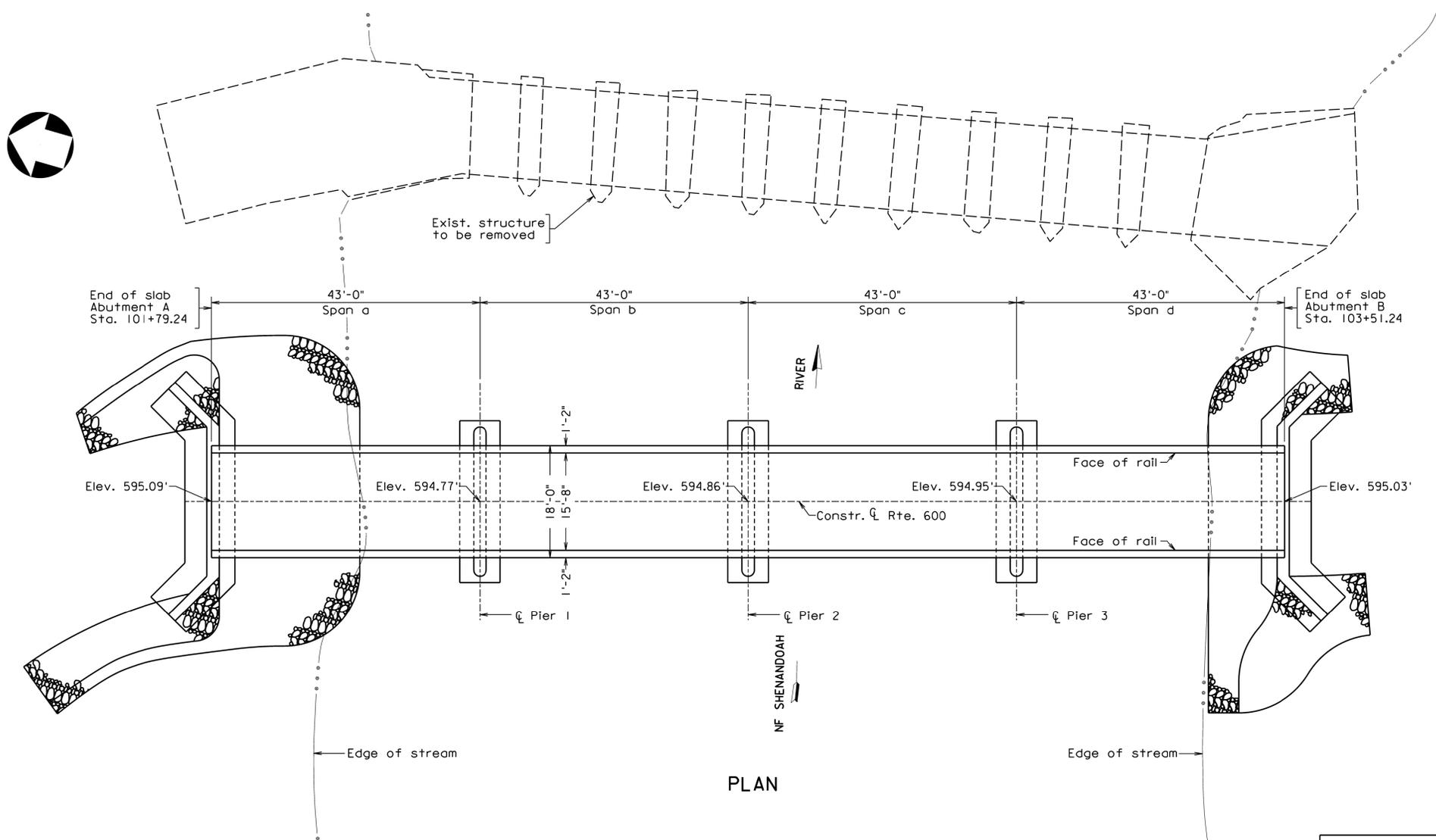


COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PROPOSED BRIDGE ON
RTE. 600 OVER N. FORK SHENANDOAH RIVER
SHENANDOAH CO - 0.1 MI. E. RTE 654
0600-085-309, B659

Recommended for Approval: _____ Date _____
District Project Development Engineer

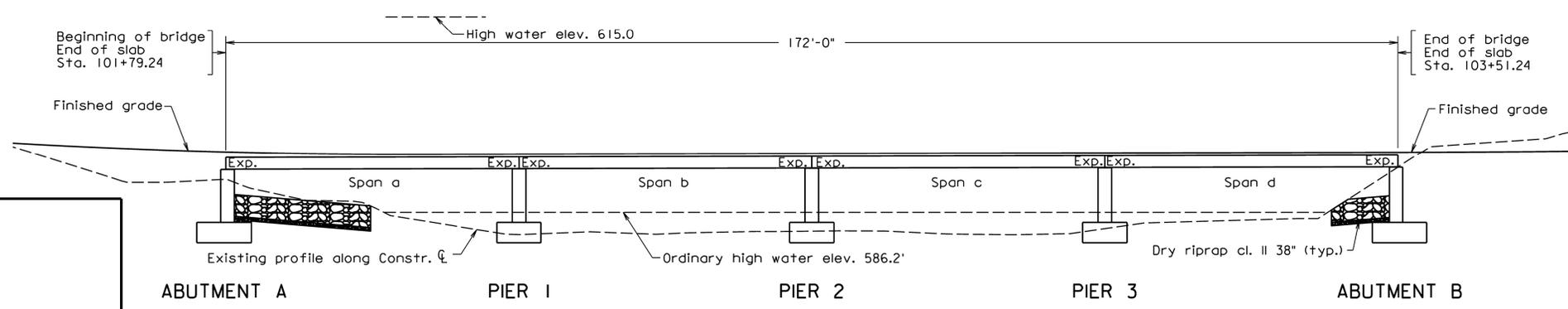
Approved: _____ Date _____
District Administrator

Date: Mar 2013 © 2013, Commonwealth of Virginia Sheet 1 of 1



PLAN

PRELIMINARY PLANS
For PH
THESE PLANS NOT TO BE USED FOR CONSTRUCTION



DEVELOPED SECTION ALONG CL

p29169001.dgn

VDOT S&B DIVISION STAUNTON, VA STRUCTURAL ENGINEER	
PLANS BY:	Staunton S&B
SUPERVISED:	Eulogio A. Javier II
DESIGNED:	Keith N. Harrop
DRAWN:	Keith N. Harrop
CHECKED:	

No.	Description	Date
REVISIONS		
For Table of Revisions, see Sheet 2.		

Scale: 1/32" = 1'-0"