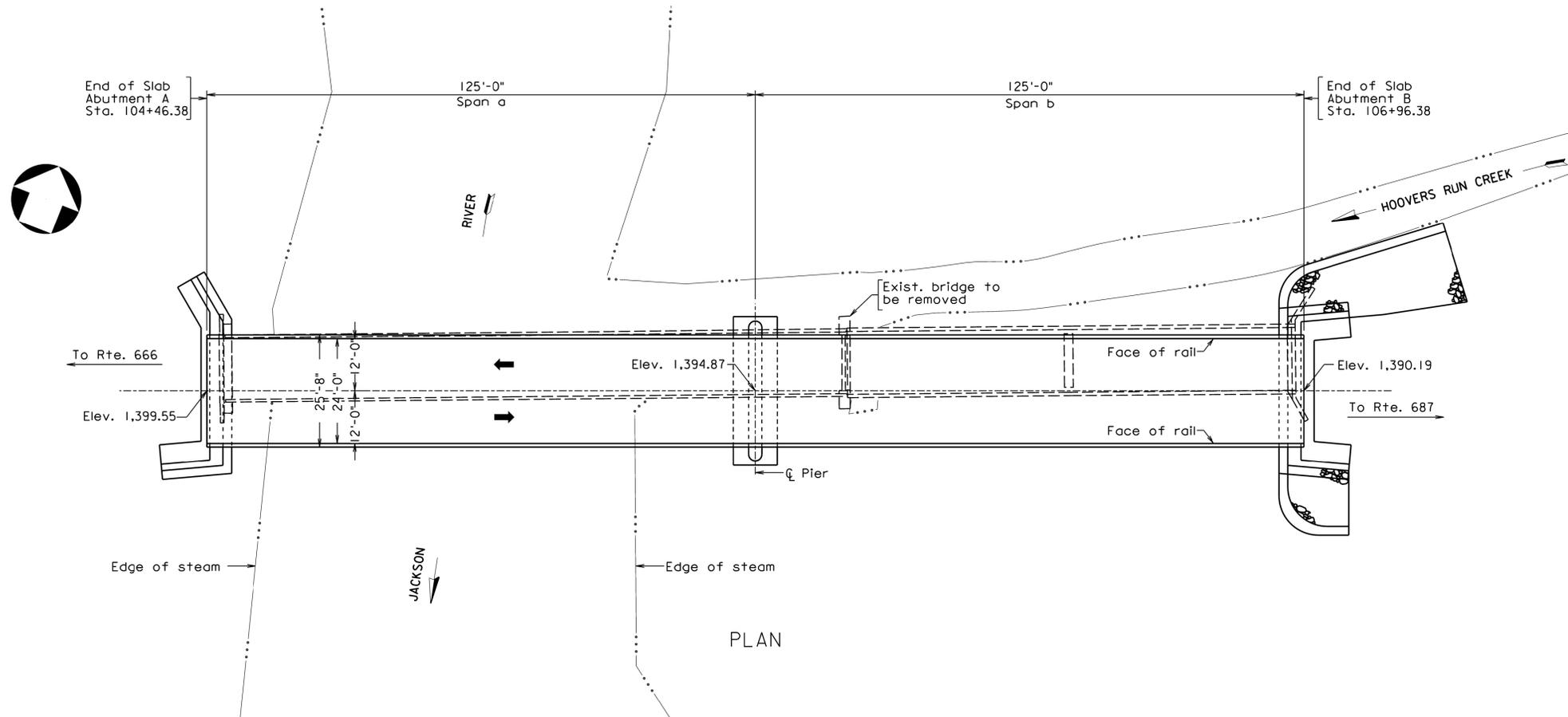


STATE	FEDERAL AID		STATE		SHEET
ROUTE	PROJECT		ROUTE	PROJECT	NO.
VA.	BROS-638-8(005)		638	0638-003-615	1
NBIS Number:	00000000029342		UPC No.	88564	
Federal Oversight Code:	N/A		FHWA Construction and Scour Code:		

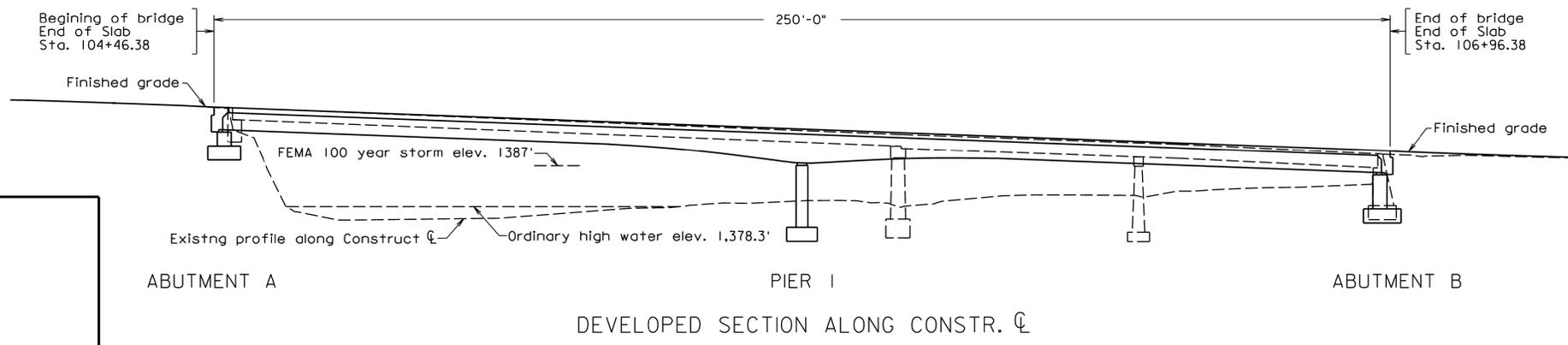
DESIGN EXCEPTION(S):

GENERAL NOTES:

- Width: 24'-0" face-to-face of rails.
- Span layout: 125'-0" - 125'-0" continuous steel plate girders.
- Capacity: HL-93 loading.
- Drainage area: 385 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 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 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.
- Bridge No. of existing is 1154.
- Foundation type (H-piles, spread, drilled shaft) is dependent upon the results of geotechnical survey and foundation report.



PLAN



DEVELOPED SECTION ALONG CONSTR. CL

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



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PROPOSED BRIDGE ON
RTE. 638 OVER JACKSON RIVER
ALLEGHANY CO. - 0.10 MI. W OF RTE. 687
PROJ. 0638-003-615

Recommended for Approval: _____ Date _____
District Project Development Engineer

Approved: _____ Date _____
District Administrator

Date: Mar 2013 © 2013, Commonwealth of Virginia

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

Scale: 1/16" = 1'-0"

p:29170001.dgn

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