

FEDERAL AID		STATE		SHEET NO.
ROUTE	PROJECT	ROUTE	PROJECT	
VA.	STP-5128(338)	11	0011-011-109, B605	1
NBIS Number: 00000000029511		UPC No. 77300		
Federal Oversight Code: NFO		FHWA Construction and Scour Code: X081-S5		

DESIGN EXCEPTION(S):

None

GENERAL NOTES:

The original approved sheet, including original signatures, is filed in the VDOT Central Office. Any misuse of electronic files, including scanned signatures is illegal. Violators will be prosecuted to the full extent of the applicable laws.

Width: 56'-0" face-to-face of rails.

Span layout: 51'-3" - 61'-3" prestressed concrete 29" deep bulb-T beam spans continuous for live load.

Capacity: HL-93 loading.

Drainage area: 23.6 sq. mi.

Specifications:

Construction: Virginia Department of Transportation Road and Bridge Specifications, 2016.

Design: AASHTO LRFD Bridge Design Specifications, 6th Edition, 2012; 2013 Interim Revisions; and VDOT Modifications.

Standards: Virginia Department of Transportation Road and Bridge Standards, 2016; including all current revisions.

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

Design loading includes 20 psf allowance for construction tolerances and construction methods.

Design loading includes 15 psf allowance for future wearing surface.

Concrete in superstructure including rails, terminal walls and integral backwalls shall be Low Shrinkage Class A4 Modified; in substructure, Class A3.

Prestressed concrete in beams shall be Class A5 having a minimum compressive cylinder strength at 28 days equal to 8,000 psi and a minimum compressive cylinder strength at time of release of strands equal to 6,000 psi.

Payment for furnishing and installing steel intermediate diaphragms shall be included in the contract unit price for prestressed concrete members.

General Notes continued on sheet 2.

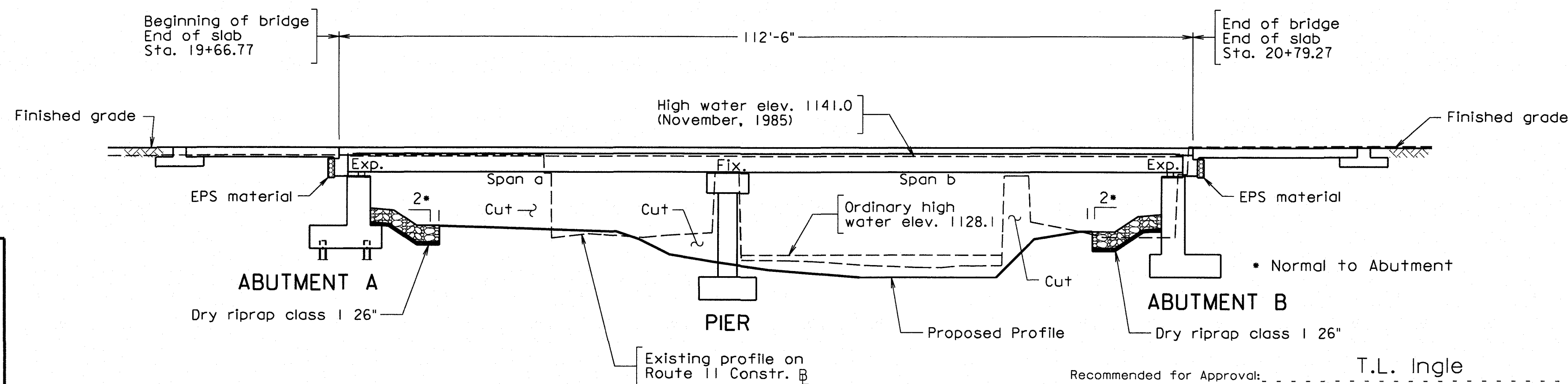
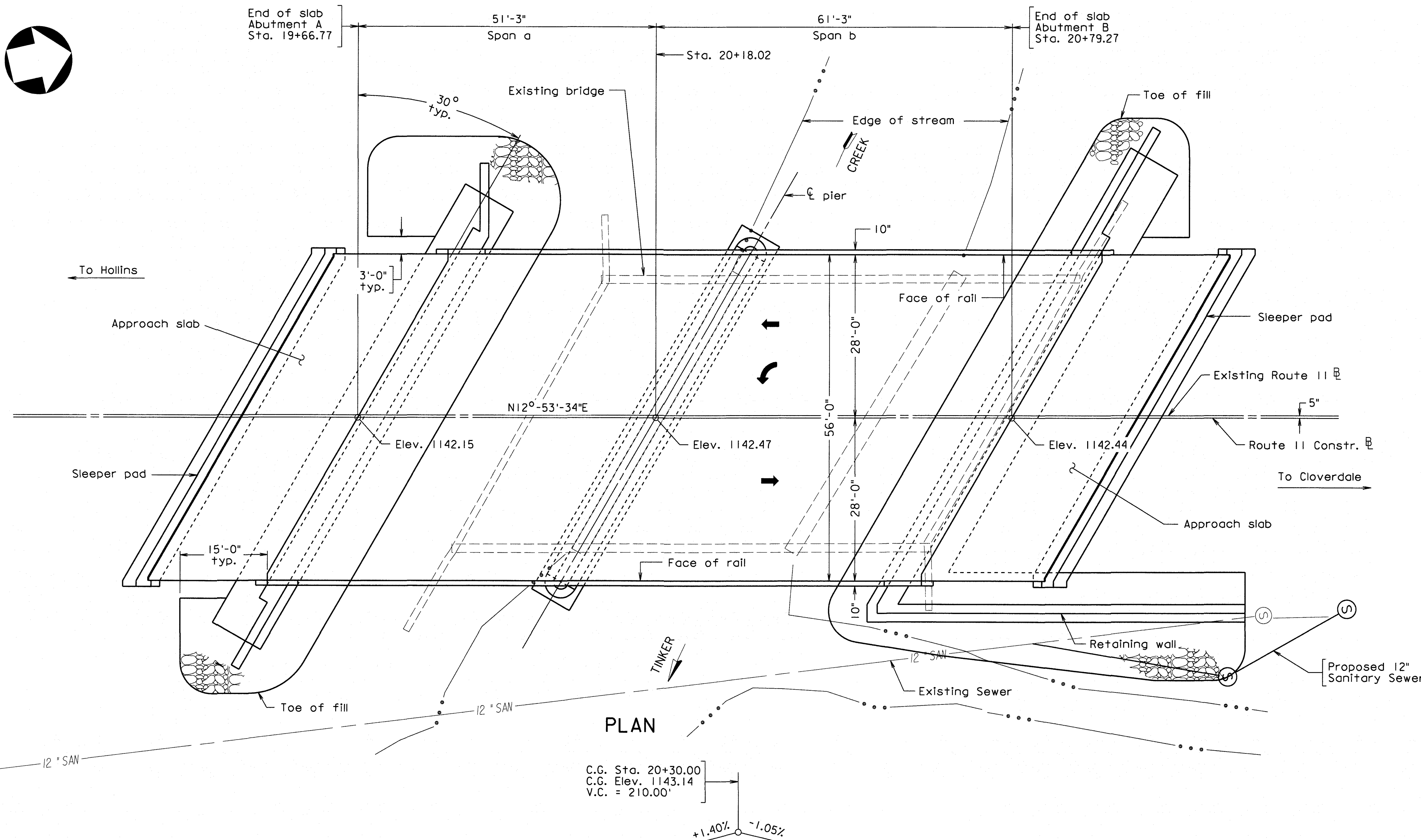


COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PROPOSED BRIDGE ON
RTE. 11 (LEE HIGHWAY) OVER TINKER CREEK
BOTETOURT CO. - 0.07 MI. N. RTE. 1039
PROJ. 0011-011-109, B605

Recommended for Approval: T.W. DiGiulian 6/1/17
District Project Development Engineer Date

Approved: K.H. King, Jr. 6/1/17
District Engineer Date

Date: Mar. 31, 2017 © 2017, Commonwealth of Virginia Sheet 1 of 44

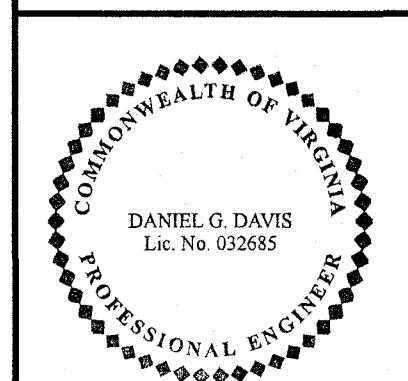


DEVELOPED SECTION ALONG B

Recommended for Approval: T.L. Ingle 6/1/17
District Planning and Investment Manager Date

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

Scale: 3/32" = 1'-0"



Daniel G Davis
2017.06.22 13:30:15 -04'00'
TRANSYSTEMS
RICHMOND, VA
STRUCTURAL ENGINEER

PLANS BY: Transystems
COORDINATED: R. Edward Cake
SUPERVISED: Daniel G. Davis
DESIGNED: Chun K. Wang
DRAWN: David W. Harrison
CHECKED: Austin L. Clark