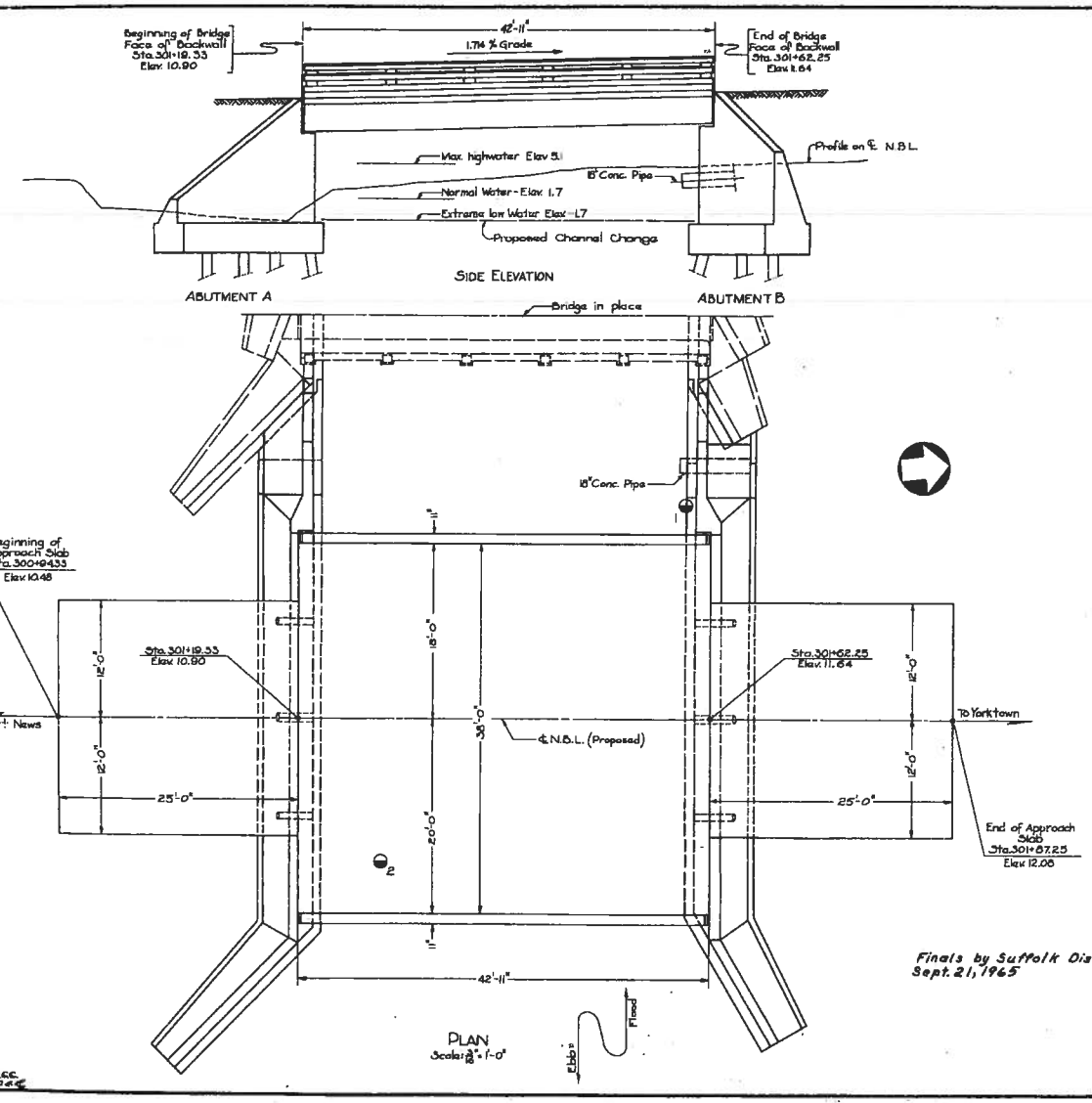
PUB. RO. ARROW	STATE	FEDERAL AID ROUTE	FEDERAL AID PROJECT	STATE ROUTE	STATE PROJECT	SHEET NO.	TOTAL SHEETS
2	Va.			17	0017-099-101, B601		



GENERAL NOTE:

Roadway: 38'-0" clear

Capacity: H20-S16-44

Specifications:

General – Virginia Department of Highways Road and Bridge Specifications, 1958.

Design – A.A.S.H.O. Standard Specifications for Highway Bridges, 1961.

Supplemental –
"Structural Backfill", dated April 17, 1961.
"Pads for Masonry Bearing Areas", revised March 3, 1961.
"Curing Concrete", revised August 23, 1961.

Special Provisions –
"Prestressed Prestressed Concrete", revised May 22, 1963

Specifications and Special Provisions referred to above and on Standard Plans are necessary to make these plans complete.

Concrete in Prestressed Piles shall Prestressed Concrete. Concrete in Abutments shall be Class B(AE). All other concrete shall be Class A(AE).

All bridge seat bearing areas shall be finished to truly level plane surfaces at the elevations shown.

All reinforcing bar dimensions on the detailed drawings are to centers of bars except where otherwise noted.

Structure excavation above Elev. 1.5 shall be classified as "A"; below as "B".

Further details of 12" octagonal prestressed concrete piles are shown on Standard Plan PSP-3 as revised to May 22, 1961. Details of the existing S.B.L. structure are shown on plan CXIII-3, XXXVIII-6, and XXI-19.

After excavation is complete, and before any new concrete is poured, existing concrete shall be carefully measured so that final quantities can be accurately computed.

Existing concrete shall be removed where necessary to provide feather edge.

Cost of expansion bolts in place and removal of any existing concrete shall be included in unit price bid for Class B(AE) concrete.

Cost of crushed stone for abutment weep holes, and cost of 18"ϕ concrete drainage pipe through Abutment B, shall be included in unit price bid for Class B(AE) concrete.

D.M.1" U.S.C.&G. No. L 2061 (Harwoods Mill) bronze disc in side brick building 102 ft. lt. sta. 303 N.B.L. - Elev. 17.70.

⊕ Denotes location of Soil Test Boring.

Approach Slabs are not to be included in the Bridge Contract.

FINAL

~~ESTIMATED~~ QUANTITIES C.I.P.

	Concrete - Cu. Yds. Class A(AE)	Concrete - Cu. Yds. Class B(AE)	Reinforcing Steel Lbs.*	Excavation Cu. Yds. A	Excavation Cu. Yds. B	Piles 12" ~~octagonal~~ ~~Prestressed~~ Lin. Ft.
Superstructure	614		24500			
Abutment A - Neat		85.0	1090			
Abutment A - Footing		85.5		~~712~~	~~466~~ 146	~~1915~~ 1709.9
Abutment B - Neat		86.7	1040			
Abutment B - Footing		55.2		~~55.70~~	~~450~~ 150	~~910~~ 1553.3
Total	614	301.2	27010	~~768~~ 82	~~916~~ 304	~~4188~~ 3263.2

*Were used

12"ϕ cast-in-place concrete piles ~~weighs 400 lbs. per lin. ft. of pile~~ weighs 300 lbs. per lin. ft.

AS BUILT

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF HIGHWAYS

PROPOSED BRIDGE

N.B.L. RTE. 17 OVER POQUOSON RIVER - YORK COUNTY

8.3 MI. S. OF YORKTOWN PROJ. 0017-099-101, B-601 - STA. 301+40

1-42 FT. CONC. BEAM SPAN

Richmond, Virginia

Finals by Suffolk Dist. Sept. 21, 1965

Recommended for Approval: J. M. Falkner — Bridge Engineer

Recommended for Approval: D. H. Mullen R-6-63 — Assistant Chief Engineer

Approved: [illegible] — Deputy Commissioner and Chief Engineer

Date: August 1, 1963

CLXX-23

Sheet 1 of 6

DRAWN BY: R.
TRACED BY: D.E.C.
CHECKED BY: [illegible]

1 7 0 2 3