

U.S. Department of  
Homeland Security

United States  
Coast Guard



Commander  
United States Coast Guard  
Fifth Coast Guard District

431 Crawford Street  
Portsmouth, Va. 23704-5004  
Staff Symbol: (dpb)  
Phone: (757) 398-6557  
Fax: (757) 398-6334  
Email:  
[James.L.Rousseau2@uscg.mil](mailto:James.L.Rousseau2@uscg.mil)

16591  
APR 22 2013

## ***PUBLIC NOTICE 5-1297***

**TO WHOM IT MAY CONCERN:** All interested parties are notified that the Commander, Fifth Coast Guard District has received an application from the Virginia Department of Transportation (VDOT) for a replacement bridge to be constructed across navigable waters of the United States.

**WATERWAY AND LOCATION:** Located 0.4 miles above the mouth of Tignor Creek, a tributary to the Rappahannock River, in Tappahannock, Essex County, VA.

**CHARACTER OF WORK:** VDOT proposes to replace the existing two-lane Culvert Route 17/North Church Lane Bridge over Tignor Creek, with a new four-lane highway bridge on the same alignment. The applicant is also requesting a waiver of a bridge permit under Title 33 Code of Federal Regulations, Section 115.70; Advance approval for bridges. Advance approval waterways are those that are navigable in law, but not actually navigated by other than small boats. The Commandant of the Coast Guard has given advance approval to the construction or repair of bridges across such waterways.

### **MINIMUM NAVIGATIONAL CLEARANCES:**

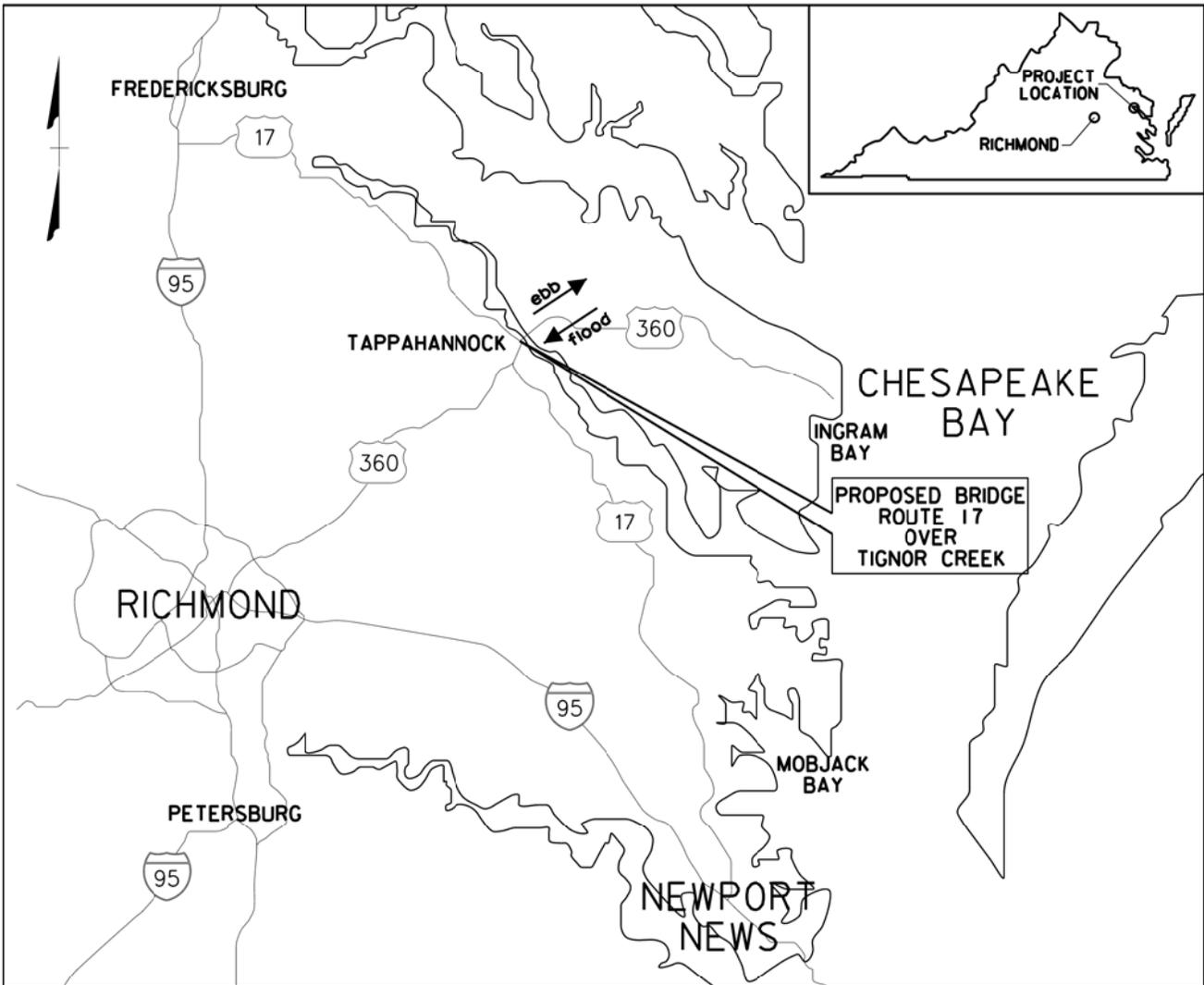
<b><u>Existing</u></b>	<b><u>Proposed</u></b>
Vertical Clearance: 2 feet above mean high water (MHW)	Vertical Clearance: 5.5 feet above MHW
Horizontal Clearance: 6 ft between culvert sides	Horizontal Clearance: 71.5 feet between bents

**SOLICITATION OF COMMENTS:** Interested parties are requested to express their views, in writing, on the proposed construction of the replacement bridge giving sufficient detail to establish a clear understanding of their reasons for support of or opposition to the proposed project. Comments will be addressed for the record at the office of Commander (dpb), Fifth Coast Guard District, 431 Crawford Street, Portsmouth, VA 23704-5004 through MAY 7 2013. Location and plan sheets are attached.

//s//

WAVERLY W. GREGORY, JR.  
Bridge Program Manager  
By direction of the Commander  
Fifth Coast Guard District

This is a web-searchable copy and is not the official, signed version; however, other than the signature being omitted, it is a duplicate of the official version.



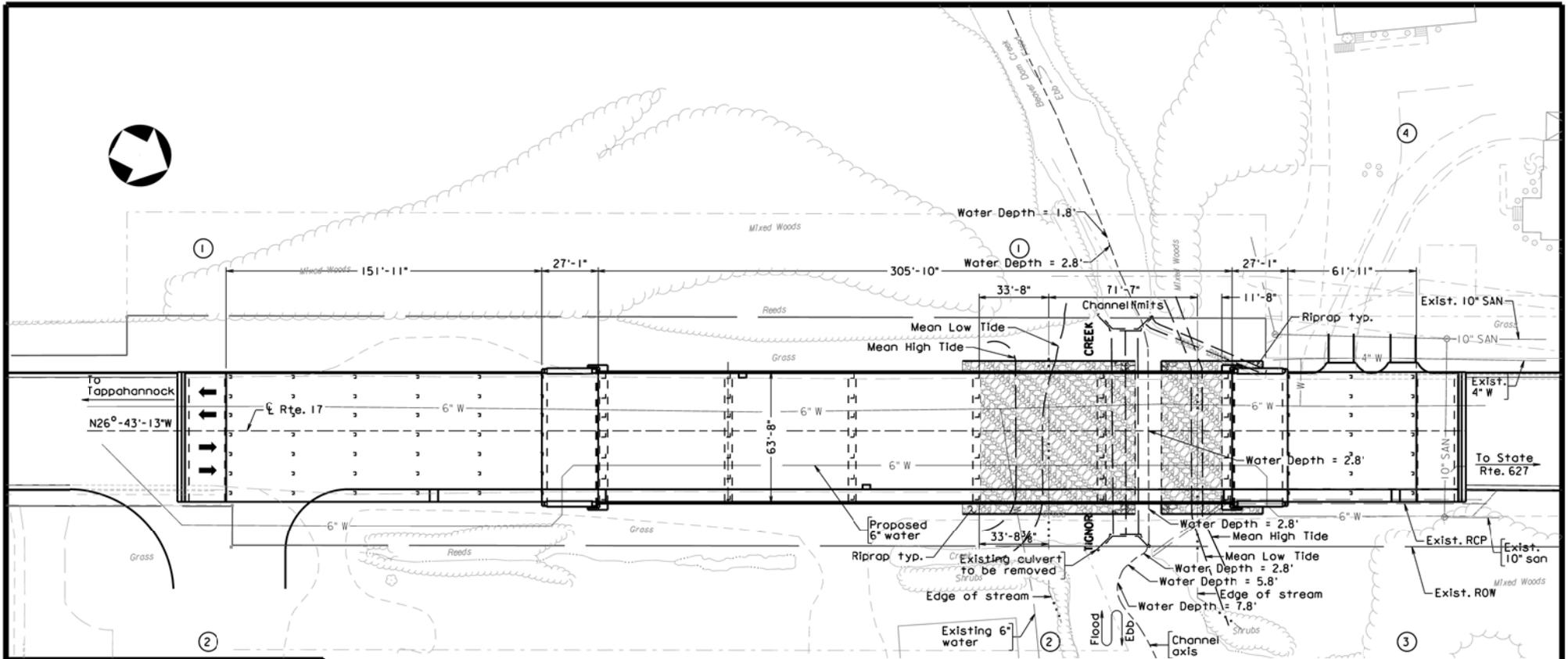
**LOCAL MAP**



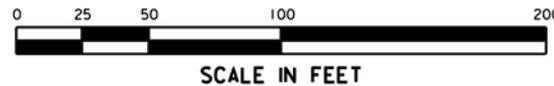
HNTB CORPORATION  
ARLINGTON, VA  
STRUCTURAL ENGINEER

TIGNOR CREEK, M.P. 51.3 (82.5km)  
VERTICAL DATUM: NAVD 88  
HORIZONTAL DATUM: NAD 83 (2007)

<b>VDOT</b>	COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION
PROPOSED BRIDGE REPLACEMENT ON ROUTE 17 OVER TIGNOR CREEK TAPPAHANNOCK, VA ESSEX CO. PROJ. 0017-028-564; B615, C501 UPC: 86463	
<b>HNTB</b>	HNTB CORPORATION ARCHITECTS ENGINEERS & PLANNERS ARLINGTON, VIRGINIA
DATE: MAR. 15, 2013	SHEET: 1 OF 5



**PLAN VIEW**



HNTB CORPORATION  
ARLINGTON, VA  
STRUCTURAL ENGINEER

AMOUNT OF RIPRAP BELOW MEAN HIGH TIDE: 511.5 CY

**PARCEL OWNERS**

- ① TOWN OF TAPPAHANNOCK  
DB24 PG137  
DB94 PG20  
SHPB 2 PG79  
9.63 AC.  
Tax# 32B 2 9
- ② JUNE PARKER OIL COMPANY  
DB166 PG227  
DB93 PG503  
SHPB 2 PG68  
14.96 AC.  
TAX # 32B 11
- ③ DIANA LEE W ROBERTSON  
DB298 PG669  
.46 +/- AC. (Plot)  
TAX #32-12
- ④ ROBERT B OSBURN JR  
ELIZABETH T OSBURN  
DB98 PG33  
SHPB 2 PG159  
1.3 +/- AC.  
TAX #32A-2A-1,2,3,4

TIGNOR CREEK, M.P. 51.3 (82.5km)

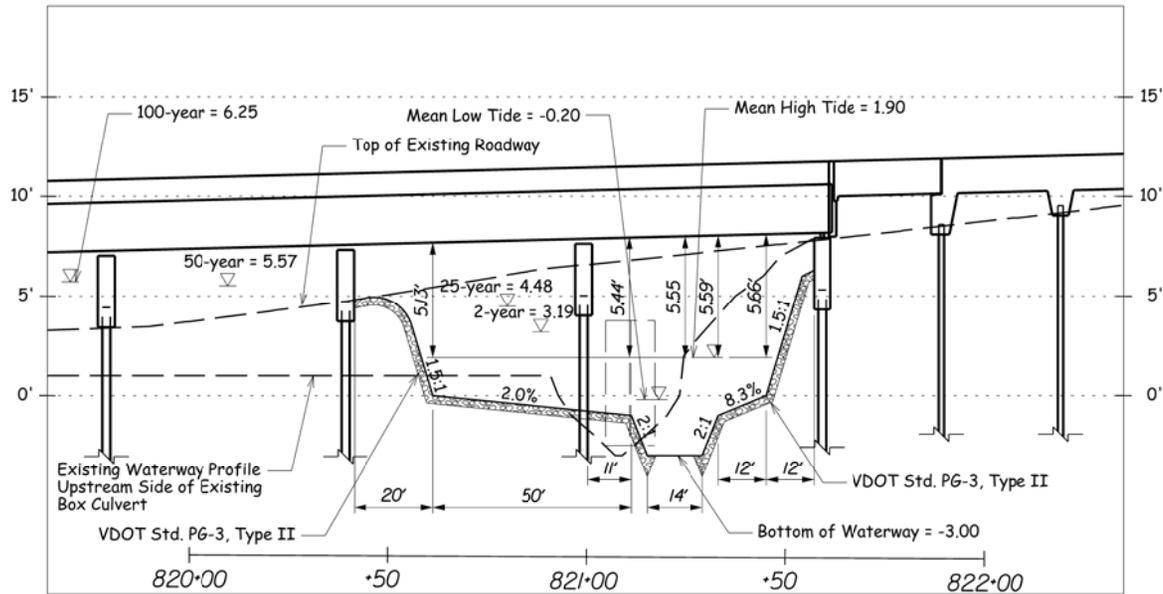
VERTICAL DATUM: NAVD 88  
HORIZONTAL DATUM: NAD 83 (2007)

**VDOT** COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION

PROPOSED BRIDGE REPLACEMENT ON  
ROUTE 17 OVER TIGNOR CREEK  
TAPPAHANNOCK, VA  
ESSEX CO.  
PROJ. 0017-028-564, B615, C501  
UPC: 86463

**HNTB** HNTB CORPORATION  
ARCHITECTS ENGINEERS & PLANNERS  
ARLINGTON, VIRGINIA

DATE: MAR. 15, 2013 SHEET: 2 OF 5



AMOUNT OF RIPRAP BELOW MEAN HIGH TIDE: 511.5 CY

### ELEVATION VIEW



SCALE IN FEET



HNTB CORPORATION  
 ARLINGTON, VA  
 STRUCTURAL ENGINEER

TIGNOR CREEK, M.P. 51.3 (82.5km)

VERTICAL DATUM: NAVD 88  
 HORIZONTAL DATUM: NAD 83 (2007)

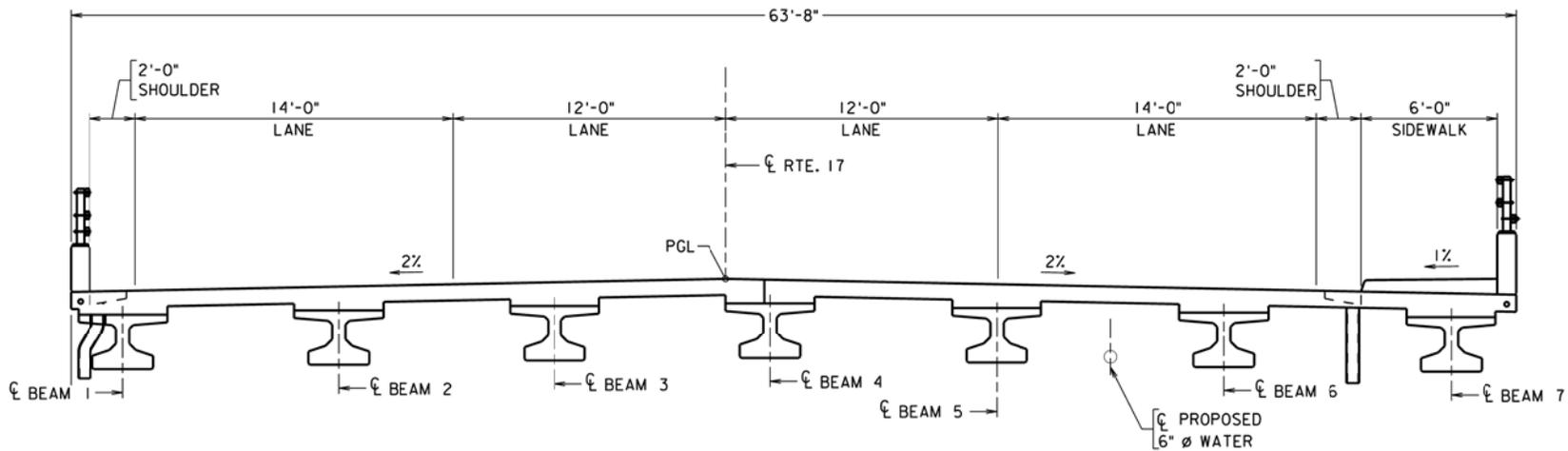
**VDOT** COMMONWEALTH OF VIRGINIA  
 DEPARTMENT OF TRANSPORTATION

PROPOSED BRIDGE REPLACEMENT ON  
 ROUTE 17 OVER TIGNOR CREEK  
 TAPPAHANNOCK, VA  
 ESSEX CO.

PROJ. 0017-028-564, B615, C501  
 UPC: 86463

**HNTB** HNTB CORPORATION  
 ARCHITECTS ENGINEERS & PLANNERS  
 ARLINGTON, VIRGINIA

DATE: MAR. 15, 2013 SHEET: 3 OF 5



TYPICAL SECTION



HNTB CORPORATION  
ARLINGTON, VA  
STRUCTURAL ENGINEER

TIGNOR CREEK, M.P. 51.3 (82.5km)  
VERTICAL DATUM: NAVD 88  
HORIZONTAL DATUM: NAD 83 (2007)

**VDOT** COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION

PROPOSED BRIDGE REPLACEMENT ON  
ROUTE 17 OVER TIGNOR CREEK  
TAPPAHANNOCK, VA  
ESSEX CO.  
PROJ. 0017-028-564, B615, C501  
UPC: 86463

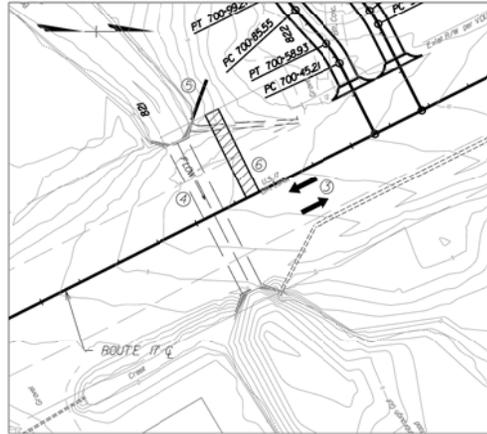
**HNTB** HNTB CORPORATION  
ARCHITECTS ENGINEERS & PLANNERS  
ARLINGTON, VIRGINIA

DATE: MAR. 15, 2013 SHEET: 4 OF 5

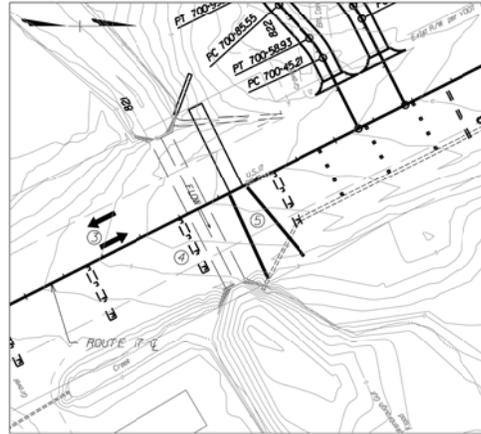
# EXISTING STRUCTURE AND FALSEWORK

See sequence of construction plan below for existing culvert and falsework during each phase of construction

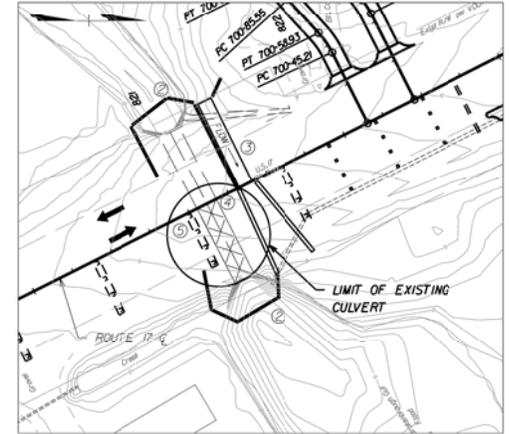
PRE-BRIDGE CONSTRUCTION



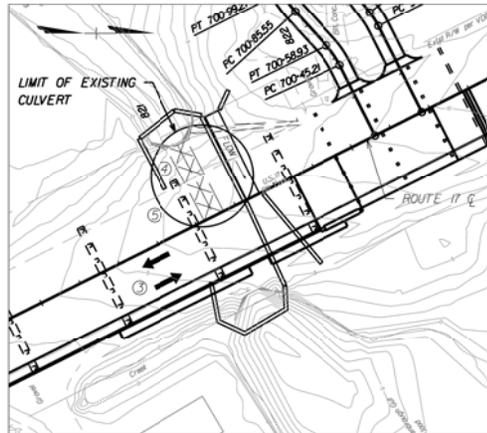
PHASE 1A



PHASE 1B



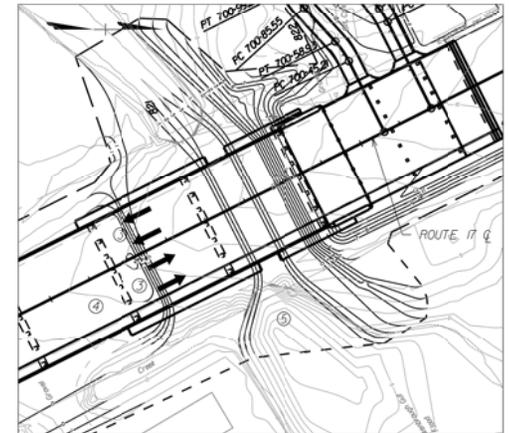
PHASE 2A



PHASE 2B



FINAL CONSTRUCTION



**LEGEND**

-  DENOTES INSTALLATION OF TEMPORARY PIPE
-  DENOTES REMOVAL OF PERMANENT OR TEMPORARY PIPE
-  DENOTES INSTALLATION OF SHEET PILING IN CURRENT PHASE
-  DENOTES INSTALLATION OF SHEET PILING IN PREVIOUS PHASE



HNTB CORPORATION  
ARLINGTON, VA  
STRUCTURAL ENGINEER

TIGNOR CREEK, M.P. 51.3 (82.5km)

VERTICAL DATUM: NAVD 88  
HORIZONTAL DATUM: NAD 83 (2007)

**VDOT** COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION

PROPOSED BRIDGE REPLACEMENT ON  
ROUTE 17 OVER TIGNOR CREEK  
TAPPAHANNOCK, VA  
ESSEX CO.  
PROJ. 0017-028-564, B615, C501  
UPC: 86463

**HNTB** HNTB CORPORATION  
ARCHITECTS ENGINEERS & PLANNERS  
ARLINGTON, VIRGINIA

NOT TO SCALE | DATE: MAR. 15, 2013 | SHEET: 5 OF 5