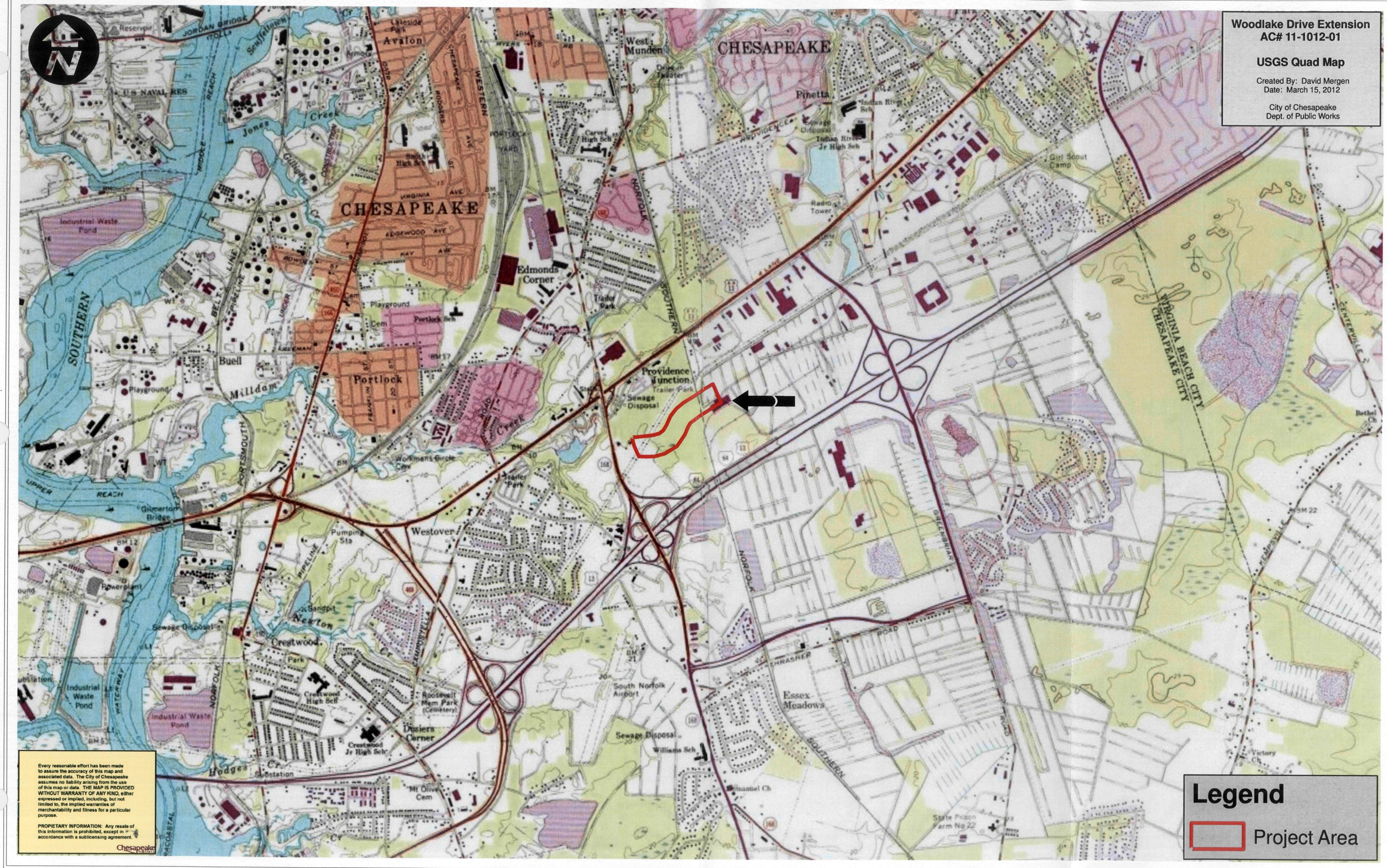
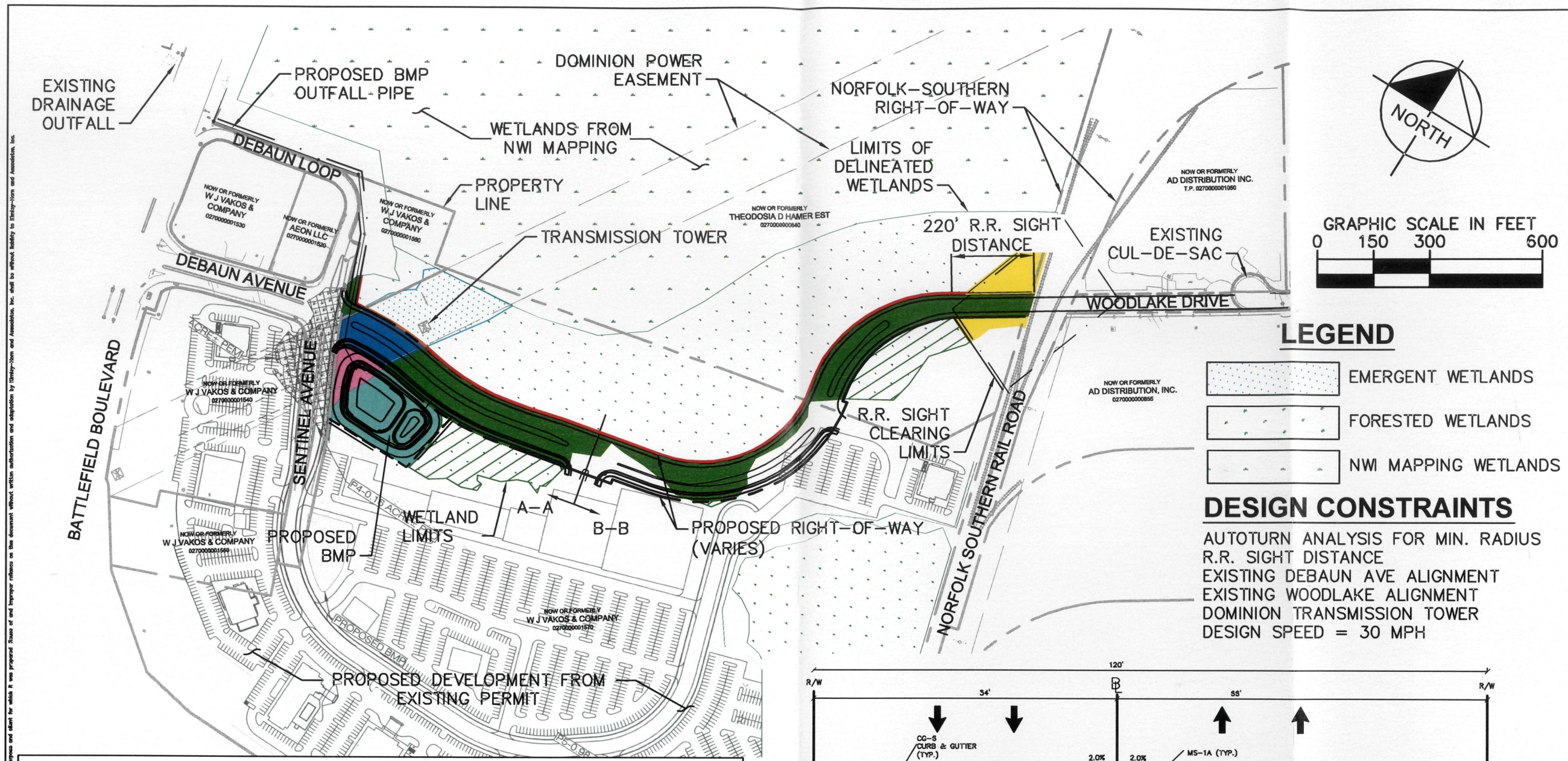

Woodlake Drive Extension
AC# 11-1012-01
USGS Quad Map
Created By: David Mergen
Date: March 15, 2012
City of Chesapeake
Dept. of Public Works
CHESAPEAKE
Avalon
West Munden
Pinetta
Edmonds Corner
Portlock
Buell
Providence Junction
Westover
Crestwood
Essex Meadows
Industrial Waste Pond
Gilmerton Bridge
Powerplant
Sewage Disposal
Williams Sch
Mt Olive Cem
Roosevelt Mem Park (Cemetery)
Crestwood High Sch
Crestwood Jr High Sch
Dozier's Corner
South Norfolk Airport
Girl Scout Camp
Radio Tower
Indian River Sch
Indian River Jr High Sch
Carver High Sch
Portlock Sch
Playground
Workmans Circle Cem
Trailer Park
Pumping Sta
Sandpit
Hodges Cr
Substation
Victory Ch
Bethel Ch
Emanuel Ch
State Prison Farm No 22
VIRGINIA BEACH CITY
CHESAPEAKE CITY
Every reasonable effort has been made to assure the accuracy of this map and associated data. The City of Chesapeake assumes no liability arising from the use of this map or data. THE MAP IS PROVIDED WITHOUT WARRANTY OF ANY KIND, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.
PROPIETARY INFORMATION: Any resale of this information is prohibited, except in accordance with a sublicensing agreement.
Chesapeake
Legend
Project Area

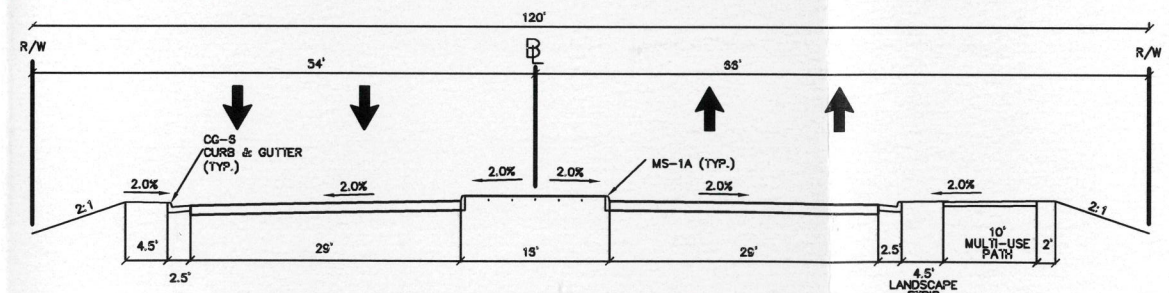


LEGEND

- EMERGENT WETLANDS
- FORESTED WETLANDS
- NWI MAPPING WETLANDS

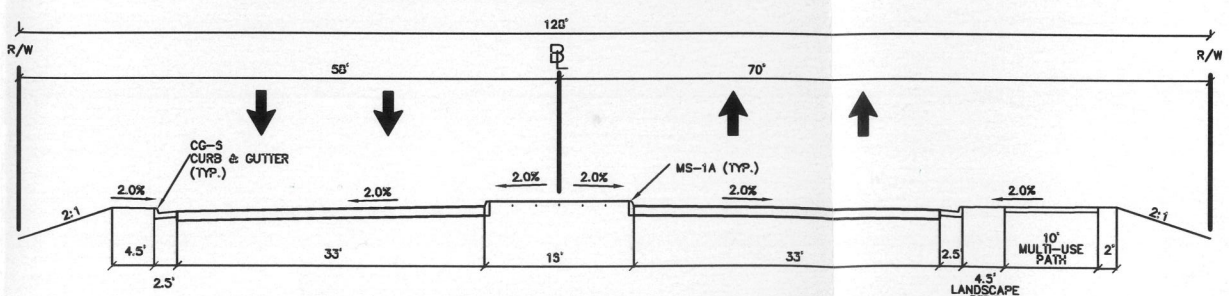
DESIGN CONSTRAINTS

AUTOTURN ANALYSIS FOR MIN. RADIUS
R.R. SIGHT DISTANCE
EXISTING DEBAUN AVE ALIGNMENT
EXISTING WOODLAKE ALIGNMENT
DOMINION TRANSMISSION TOWER
DESIGN SPEED = 30 MPH



WOODLAKE DRIVE TYPICAL SECTION A-A

510' RADIUS 14' LANES



WOODLAKE DRIVE TYPICAL SECTION B-B

350' RADIUS 16' LANES

WETLAND IMPACTS

WETLAND IMPACT TYPE	AREA S.F.	ACRES
ROADWAY EMERGENT WETLAND IMPACTS	20,963 S.F.	0.48 ACRES
ROADWAY FORESTED WETLAND IMPACTS	148,572 S.F.	3.41 ACRES
BMP EMERGENT WETLAND IMPACTS	11,331 S.F.	0.26 ACRES
BMP FORESTED WETLAND IMPACTS	43,825 S.F.	1.01 ACRES
LINE OF SIGHT FORESTED WETLAND IMPACTS	24,767 S.F.	0.57 ACRES
TEMPORARY EMERGENT WETLAND IMPACTS	989 S.F.	0.02 ACRES
TEMPORARY FORESTED WETLAND IMPACTS	9,025 S.F.	0.21 ACRES
SECONDARY EMERGENT WETLAND IMPACTS (BIFRICATION)	000 S.F.	0.00 ACRES
SECONDARY FORESTED WETLAND IMPACTS (BIFRICATION)	76,270 S.F.	1.75 ACRES
TOTAL IMPACTS	335,742 S.F.	7.71 ACRES

Kimley-Horn and Associates, Inc.
Suite 300
501 Independence Parkway
Chesapeake, Virginia 23320
Tel: (757) 548-7300
Fax: (757) 548-7301

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PHASE II, WOODLAKE DRIVE
CHESAPEAKE VIRGINIA

WETLAND IMPACT EXHIBIT
ALIGNMENT #5
PREFERRED ALIGNMENT

No.	REVISIONS	DATE	BY

SCALE (H): AS SHOWN
SCALE (V): NONE
DESIGNED BY: EAM
DRAWN BY: RCM
QC BY: DATE:
DATE: SEPT 2012
KHA PROJECT NO.: 116177035
SHEET NUMBER
FIG. 5

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

Drawing name: K:\VAB_CHE\116177035- Woodlake Drive Extended\CADD\Exhibits\WETLAND IMPACT\177035-woodlake-wetland FIGURE5.dwg Figure 5 Sep 20, 2012 2:53pm by: david.dallman

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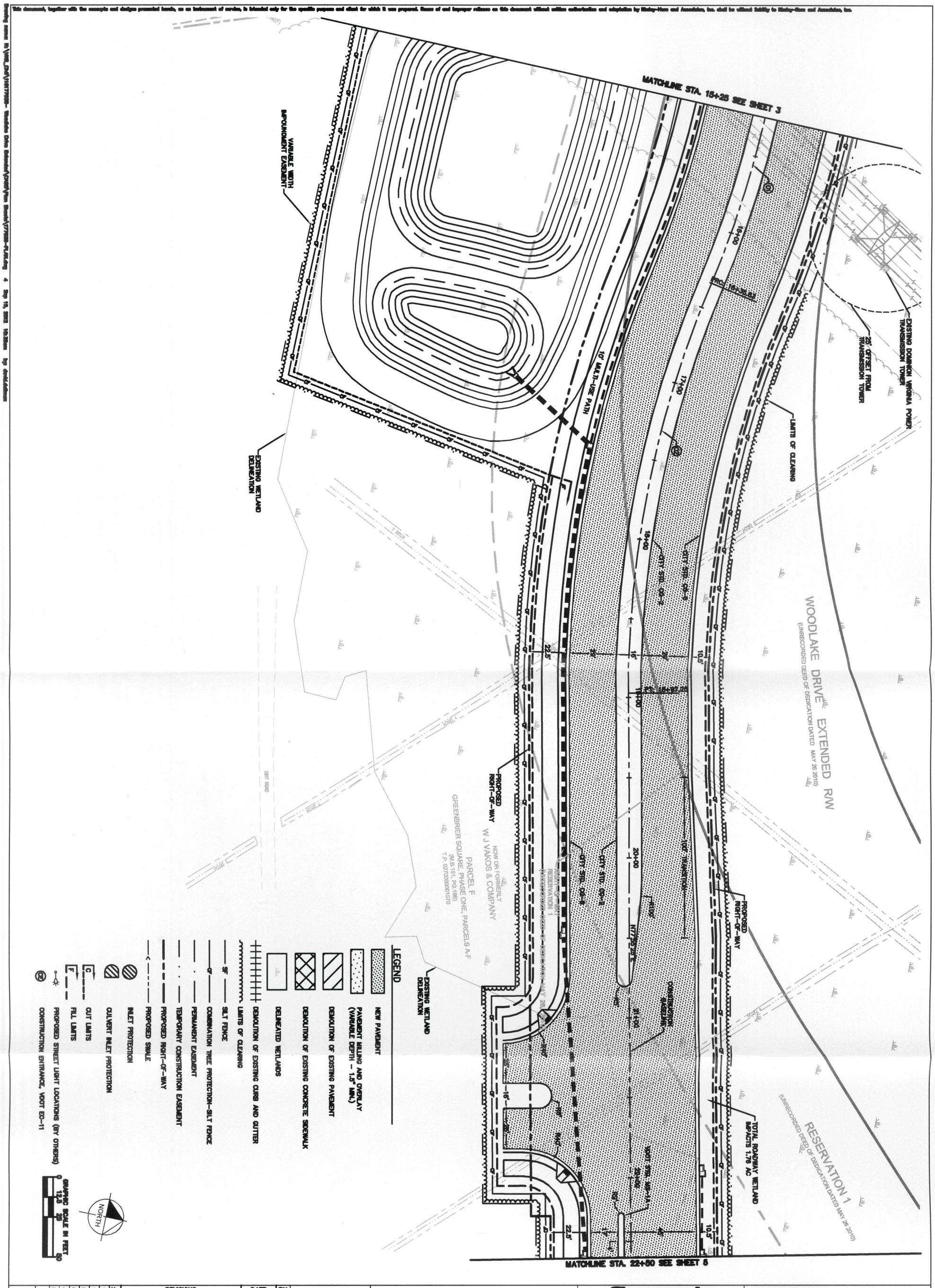

No.	REVISIONS	DATE	BY

SCALE (H): SEE SCALE
SCALE (V): NONE
DESIGNED BY: DSB
DRAWN BY: RSM
CO BY: MER DATE: 4/18/12
DATE: 4/17/2012
NHA PROJECT NO.: 116177030
SHEET NUMBER 4

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY

PLAN SHEET

WOODLAKE DRIVE EXTENSION

STA. 15+25 TO STA. 22+50

Chesapeake VIRGINIA

WOODLAKE DRIVE EXTENSION

CHESAPEAKE VIRGINIA

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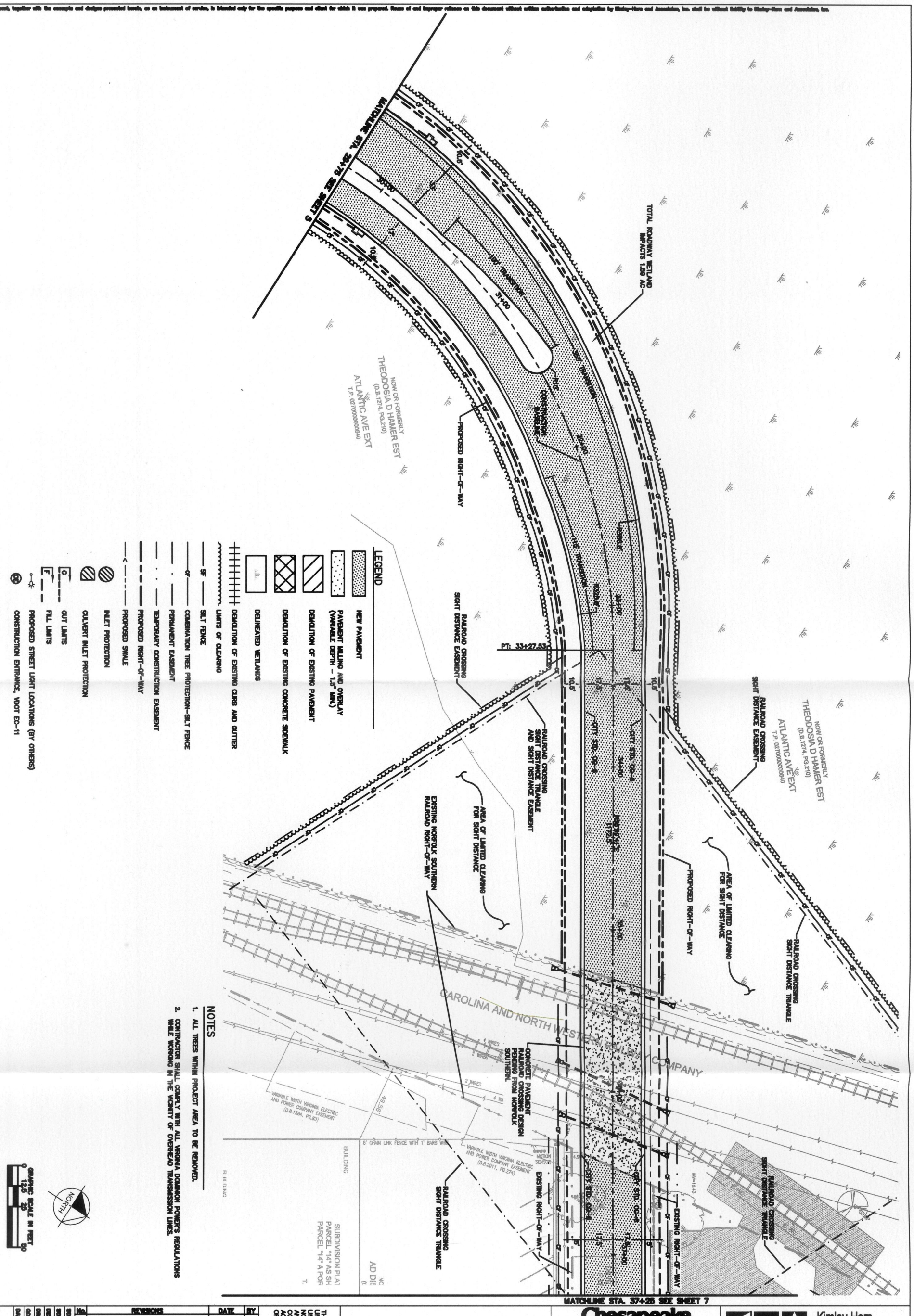

No.	REVISIONS	DATE	BY

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY

SCALE (H): SEE SCALE
SCALE (V): NONE
DESIGNED BY: DSD
DRAWN BY: RGM
QC BY: MER DATE: 4/09/12
DATE: 4/17/2012
NHA PROJECT NO.: 116177630
SHEET NUMBER 6

PLAN SHEET

WOODLAKE DRIVE EXTENSION

STA. 29+75 TO STA. 37+25

Chesapeake VIRGINIA

WOODLAKE DRIVE EXTENSION

CHESAPEAKE VIRGINIA

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