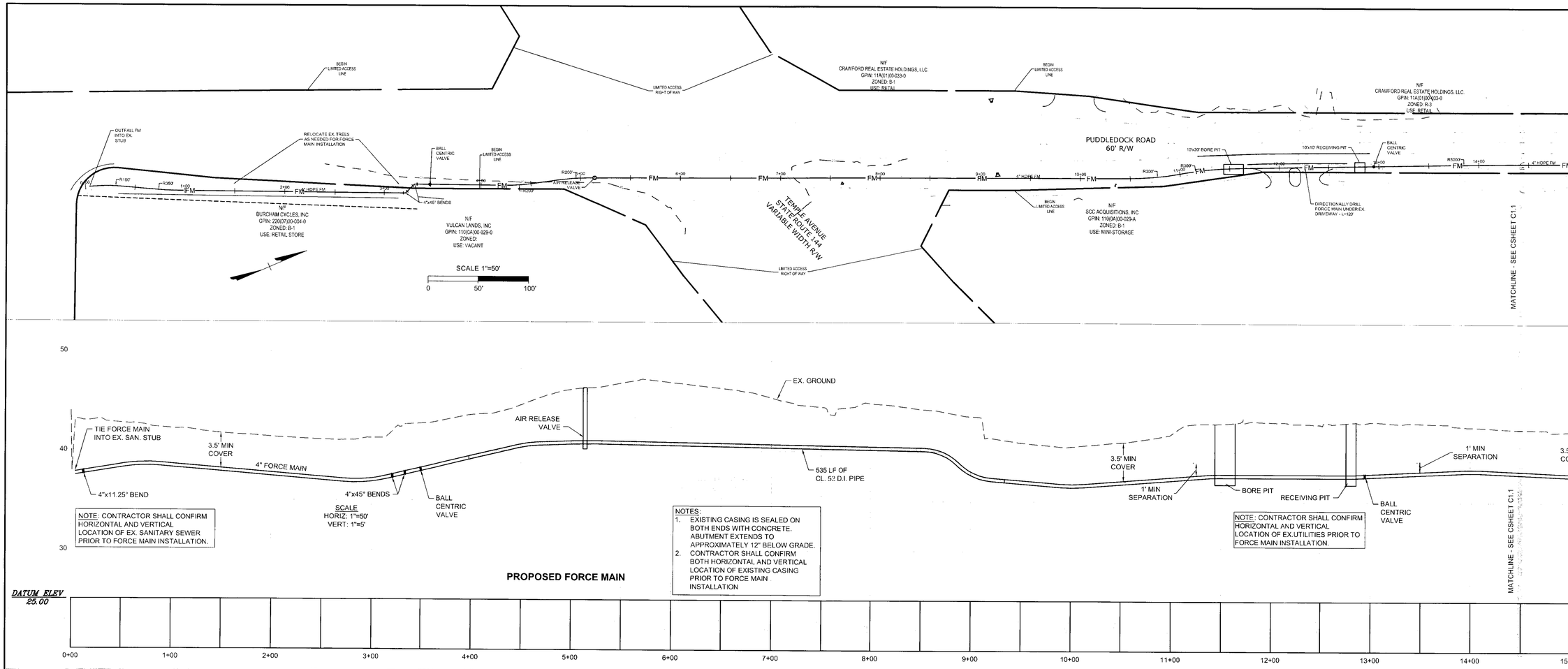


PROPOSED FORCE MAIN

May 2005 Page 6H-12

Typical Traffic Control
Stationary Operation on Shoulder
(Figure TTC-4.0)
NOTES

Guidance:

1. *A ROAD WORK AHEAD sign or SHOULDER WORK AHEAD sign should be placed on the left side of the roadway for a divided or one-way street only if the left shoulder is affected.*
2. *Sign spacing should be 1300'-1500' for limited access highways, and on all other roadways 500'-800' where the posted speed limit is greater than 45 mph, and 350-500' where the posted speed limit is 45 mph or greater.*

Standard:

3. **Channelizing device spacing shall be at the following:**

	Posted Speed (mph)	
Location	0-35	36+
Transition Spacing	20'	40'
Travelway Spacing	40'	80'

4. **The buffer space length shall be as shown in Table 6H-4 for the posted speed limit.**
5. **Cone Taper Length (L):**

Speed Limit MPH	Taper Length Lane Width in Feet 10	11	12	
25	105	115	125	
30	150	165	180	
35	205	225	245	
40	270	295	320	
45	450	495	640	(Shoulder Taper = 1/3L Minimum)
50	500	550	600	
55	550	605	660	
60	600	660	770	
65	650	715	780	

6. **A shadow vehicle with either an arrow board operating in the caution mode, or at least one high-intensity amber rotating, oscillating, or strobe light shall be parked 50'-100' in advance of the first work crew.**

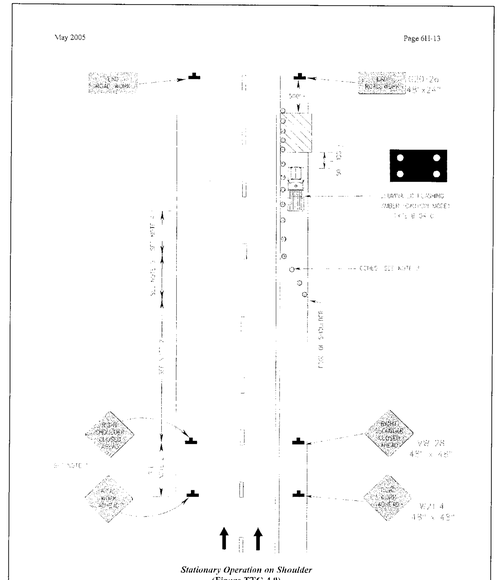
Option:

7. For short-duration operations of 60 minutes or less, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity amber rotating, oscillating, or strobe lights is used.
8. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

Standard:

9. **When a side road intersects the highway within the temporary traffic control zone, additional traffic control devices shall be placed as needed.**

May 2005 Page 6H-13



Stationary Operation on Shoulder
(Figure TTC-4.0)

MISS UTILITY OF VIRGINIA

THE CONTRACTOR SHALL CALL "MISS UTILITY" 48 HOURS PRIOR TO THE START OF EXCAVATION. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES SHOWN ON PLANS IN AREAS OF CONSTRUCTION PRIOR TO STARTING WORK. CONTACT THE ENGINEER IMMEDIATELY IF THE LOCATION OR ELEVATION IS DIFFERENT FROM THAT SHOWN ON THE PLAN, IF THERE APPEARS TO BE A CONFLICT, AND/OR UPON DISCOVERY OF ANY UTILITY NOT SHOWN ON PLAN. THE DEVELOPER SHALL BE RESPONSIBLE FOR THE RELOCATION OF ANY UTILITY WITHIN THE EXISTING AND/OR RIGHT OF WAY REQUIRED BY THE DEVELOPMENT. CONTACT MISS UTILITY OF VIRGINIA: 1-800-552-7001 (TOLL FREE)

NOTES:

1. THE PERMITTEE IS REQUIRED TO NOTIFY THE PETERSBURG RESIDENCY AND THE DISTRICT TRAFFIC ENGINEERING SECTION WHEN PLANNED EXCAVATION IS WITHIN 1,000 FEET OF A SIGNALIZED INTERSECTION. FAILURE TO CARRY OUT THIS REQUIREMENT MAY RESULT IN THE PERMIT BEING REVOKED.

COMMONWEALTH OF VIRGINIA
KATHLEEN N. HALPAUS
Lic. No. 45214
12/3/09
PROFESSIONAL ENGINEER

THIS DRAWING PREPARED AT THE
TRI-CITIES OFFICE
4260 Crossings Blvd | Prince George, VA 23875
TEL 804-458-8685 FAX 804-751-0798 www.timmons.com

YOUR VISION ACHIEVED THROUGH OURS.

Site Development | Residential | Infrastructure | Technology

DATE	REVISION DESCRIPTION
10/6/09	VDOT COMMENTS
11/13/09	VDOT COMMENTS
12/3/09	VDOT COMMENTS

DATE	16 JULY 2009
DRAWN BY	K.HALPAUS
DESIGNED BY	K.HALPAUS
CHECKED BY	D.JOHNSON
SCALE	H: 1"=50' V: 1" = 5'

TIMMONS GROUP

PUDDLEDOCK PLACE PUMP STATION & FORCE MAIN

BLAND DISTRICT - PRINCE GEORGE COUNTY - VIRGINIA

FORCE MAIN PLAN & PROFILE

JOB NO.	27768
SHEET NO.	C1.0

These plans and associated documents are the exclusive property of TIMMONS GROUP and may not be reproduced in whole or in part and shall not be used for any purpose whatsoever, inclusive, but not limited to construction, bidding, and/or construction staking without the express written consent of TIMMONS GROUP.

R:\60127768\dwg\Sheet\CD\27768-C01 FM.dwg | Plotted on 12/3/2009 9:51 AM | by Kathleen Halpaus