

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

Form C-6a  
Rev. 3-22-05

CNSP (F) 1-9-06

**COMMONWEALTH OF VIRGINIA**  
**DEPARTMENT OF TRANSPORTATION**  
**BID PROPOSAL AND CONTRACT**

ROUTE NUMBER: VARIOUS

FHWA NUMBER: NHPP-TS05(304)

PROJECT NUMBER: SN05-965-364, N501

COUNTY: DISTRICT-WIDE

DISTRICT: HAMPTON ROADS



DESCRIPTION: ON CALL SIGN CONTRACT

LOCATION: DISTRICT-WIDE

DATE BID SUBMITTED: 10:00 A.M., WEDNESDAY AUGUST 21, 2019

**ORDER NO.: B50  
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Form C-118  
Rev. 7-6-05

**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
NOTICE TO BIDDERS**

As a matter of information, the bidder's attention is directed to the points noted herein. Every point enumerated below is fully covered by proposal documents that describe them in detail. Bidders should check their proposal against all requirements, as strict compliance with all provisions is mandatory.

1. Bids shall be filed electronically through Bidx ([www.bidx.com/main/index.html](http://www.bidx.com/main/index.html)) at the times designated in the Notice of Advertisement for Bids. For information see (<http://cabb.virginiadot.org/cabb/>)
2. Unless otherwise specified or permitted in the proposal, prices shall be submitted on all items shown in the proposal.
3. Proposals conditioned by proposed alternates, other than those specified or permitted, or by reserving the right to accept or reject an award or to enter into a contract pursuant to an award will not be considered.
4. A bid total shall be shown in each space provided.
5. Bid bonds shall conform to Section 102.07. The bid bond number shall be placed in the appropriate space in your electronic bid. As an alternative you may complete the bottom line of the Form C-24. This form may be mailed or faxed but must be received prior to the opening of the bids.
6. Joint venture proposals shall show the Firm Name of each party and shall be signed by an authorized representative of each Firm. A letter shall be filed with the prequalification office describing responsibility of each firm and the amount of maximum capacity pledge by each firm of a joint venture.

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Form C-24  
Rev. 7-6-05

**COMMONWEALTH OF VIRGINIA**  
**DEPARTMENT OF TRANSPORTATION**  
**PROPOSAL GUARANTY**

KNOW ALL MEN BY THESE PRESENTS, THAT WE \_\_\_\_\_ As  
principal, and \_\_\_\_\_ Surety, are held and firmly bound unto the  
Commonwealth of Virginia as obligee, in the amount of FIVE PERCENT OF THE DOLLAR VALUE OF THE  
BID, lawful money of the United States of America, for the payment of which, well and truly to be made, we  
bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally and firmly  
by these presents.

SIGNED, sealed and dated this \_\_\_\_\_ Day of \_\_\_\_\_, 20 \_\_\_\_\_

WHEREAS, the above said principal is herewith submitting its proposal for:

PROJECT NUMBER: SN05-965-364, N501

NOW, THEREFORE, the condition of the above obligee is such, that if the aforesaid principal shall be awarded  
the contract upon said proposal and shall within the time specified in the Specifications after the notice of such  
award enter into a contract and give bond for the faithful performance of the contract, then this obligation shall  
be null and void; otherwise to remain in full force and effect and the principal and surety will pay unto the  
obligee the difference in money between the amount of the bid of the said principal and the amount for which  
the obligee may legally contract with another party to perform the said work if the latter amount be in excess  
of the former; but in no event shall the liability exceed the penal sum hereof.

_____ (Principal*)	_____ (Surety Company)
By: _____ (Officer, Partner or Owner) (Seal)	By: _____ (Attorney-in-Fact**) (Seal)
_____ (Principal*)	_____ (Address)
By: _____ (Officer, Partner or Owner) (Seal)	By: _____ (Surety Company)
_____ (Principal*)	_____ (Attorney-in-Fact**) (Seal)
By: _____ (Officer, Partner or Owner) (Seal)	By: _____ (Address)

\*Note: If the principal is a *joint venture*, each party thereof must be named and execution made by same hereon. If there is more than  
one surety to the bid bond, each surety must be named and execution shall be made by same hereon.

**Electronic Bid Only:** In lieu of completing the above section of the Contract Performance Bond, the Principal shall file an Electronic  
Bid Bond when bidding electronically. By signing below the Principal is ensuring the identified electronic bid bond has been executed  
and the Principal and Surety are firmly bound unto the Commonwealth of Virginia under the same conditions of the bid bond as shown  
above.

_____ Electronic Bid Bond ID#	_____ Company/Bidder Name	_____ Signature and Title
----------------------------------	------------------------------	------------------------------

\*\*Attach copy of Power of Attorney

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Form C-48  
Rev. 2-23-11

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
**SUBCONTRACTOR/SUPPLIER SOLICITATION AND UTILIZATION FORM (ALL BIDDERS)**

PROJECT NO.: SN05-965-364, N501                      CONTRACT ID. NO.: C00114881N01  
FHWA NO:      NHPP-TS05(304)                      DATE SUBMITTED\_\_\_\_\_

**All bidders, including DBEs bidding as Prime Contractors, shall complete and submit the following information as requested in this form within ten (10) business days after the opening of bids.**

The bidder certifies this form accurately represents its solicitation and utilization or non-utilization, as indicated, of the firms listed below for performance of work on this contract. The bidder also certifies he/she has had direct contact with the named firms regarding participation on this project.

BIDDER\_\_\_\_\_SIGNATURE\_\_\_\_\_  
TITLE\_\_\_\_\_

**SUBCONTRACTOR/SUPPLIER SOLICITATION AND UTILIZATION (ALL)**

VENDOR NUMBER	NAME OF SUBCONTRACTOR/SUPPLIER	TELEPHONE NUMBER	DBE OR NON-DBE	UTILIZED (Y/N)

**NOTE:** ATTACH ADDITIONAL PAGES, IF NECESSARY.

BIDDER MUST SIGN EACH ADDITIONAL SHEET TO CERTIFY ITS CONTENT AND COMPLETION OF FORM.

Form C-7  
Rev. 1-19-12  
PAGE 1

Contract Execution Date \_\_\_\_\_ By \_\_\_\_\_  
CHIEF ENGINEER  
VIRGINIA DEPARTMENT OF TRANSPORTATION

Proposal ID: C00114881N01

Oversight/State Project No.: SN05-965-364, N501

Order No.: B50

Federal Project No.: NHPP-TS05(304)

Contractor: \_\_\_\_\_

SECTION: 0001

REGULAR ITEMS

Cat Alt Set ID:

Cat Alt Mbr ID:

Proposal Line Number	Spec No.	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
				Dollars	Cents	Dollars	Cents
0010	ATTD	00096 MOBILIZATION SITE MOBILIZATION SITE	6.000 EA	_____	_____	_____	_____
0020	512	24160 TEMPORARY (CONSTRUCTION) SIGN	1,000.000 SF	_____	_____	_____	_____
0030	512	24272 TRUCK MOUNTED ATTENUATOR	2,000.000 HR	_____	_____	_____	_____
0040	512	24278 GROUP 2 CHANNELIZING DEVICES	1,000.000 DAY	_____	_____	_____	_____
0050	512	24279 PORTABLE CHANGEABLE MESSAGE SIGN	25.000 HR	_____	_____	_____	_____
0060	512	24281 ELECTRONIC ARROW BOARD	1,000.000 HR	_____	_____	_____	_____
0070	512	24282 FLAGGER SERVICE	150.000 HR	_____	_____	_____	_____
0080	510	24502 REMOVE EXIST. & RESET SIGN POST	5.000 EA	_____	_____	_____	_____
0090	ATTD	24502 REMOVE EXIST. & SALVAGE DMS	1.000 EA	_____	_____	_____	_____
0100	ATTD	24502 REMOVE EXIST. CONC. FOUNDATION, GRD. MNT. STR.	2.000 EA	_____	_____	_____	_____
0110	ATTD	24502 REMOVE EXIST. CONC. FOUNDATION, O/H SIGN STR.	2.000 EA	_____	_____	_____	_____
0120	606	27321 ROLLED EROSION CTRL PRODUCT EC-2 TYPE 4	250.000 SY	_____	_____	_____	_____

Proposal ID: C00114881N01

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Contractor: \_\_\_\_\_

SECTION: 0001

REGULAR ITEMS

Cat Alt Set ID:

Cat Alt Mbr ID:

Proposal Line Number	Spec No.	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
				Dollars	Cents	Dollars	Cents
0130	606	27325 ROLLED EROSION CTRL PRODUCT EC-3 TYPE 1	250.000 SY	_____	_____	_____	_____
0140	303	27504 TEMP. SILT FENCE TYPE B	200.000 LF	_____	_____	_____	_____
0150	702	50012 ROAD EDGE DELINEATOR, ED-2	25.000 EA	_____	_____	_____	_____
0160	701	50110 OVERLAY SIGN PANEL	150.000 SF	_____	_____	_____	_____
0170	700	50204 SIGN POST WOOD 4" X 4"	2.000 LF	_____	_____	_____	_____
0180	700	50206 SIGN POST WOOD 6" X 6"	2.000 LF	_____	_____	_____	_____
0190	700	50404 VA SIGN POST, W4 x 13	36.000 LF	_____	_____	_____	_____
0200	700	50406 VA SIGN POST, W6 x 12	96.000 LF	_____	_____	_____	_____
0210	700	50410 VIA SIGN POST, W10 X 12	34.000 LF	_____	_____	_____	_____
0220	700	50411 VIA SIGN POST, W12 X 14	40.000 LF	_____	_____	_____	_____
0230	700	50414 VIA SIGN POST, W14 X 22	50.000 LF	_____	_____	_____	_____
0240	700	50415 VIA SIGN POST, W14 X 26	50.000 LF	_____	_____	_____	_____
0250	700	50416 VIA SIGN POST, W16 X 26	55.000 LF	_____	_____	_____	_____
0260	700	50430 SIGN POST STP-1, 2", 14 GAUGE	3,000.000 LF	_____	_____	_____	_____

## Schedule of Items

Proposal ID: C00114881N01

Oversight/State Project No.: SN05-965-364, N501

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Contractor: \_\_\_\_\_

SECTION: 0001

REGULAR ITEMS

Cat Alt Set ID:

Cat Alt Mbr ID:

Proposal Line Number	Spec No.	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
				Dollars	Cents	Dollars	Cents
0270	700	50432 SIGN POST STP-1, 2 3/16", 10 GAUGE	600.000 LF	_____	_____	_____	_____
0280	700	50434 SIGN POST STP-1, 2 1/2", 10 GAUGE	2,250.000 LF	_____	_____	_____	_____
0290	700	50436 SIGN POST STP-1, 2 1/2", 12 GAUGE	3,200.000 LF	_____	_____	_____	_____
0300	700	50485 CONCRETE SIGN FOUNDATION STP-1, TYPE A	500.000 EA	_____	_____	_____	_____
0310	700	50486 CONCRETE SIGN FOUNDATION STP-1, TYPE B	160.000 EA	_____	_____	_____	_____
0320	700	50489 CONCRETE SIGN FOUNDATION STP-1, TYPE E	5.000 EA	_____	_____	_____	_____
0330	700	50501 CONC. SIGN FOUND.SSP-V A 2'-6" DIA.X 7' DEPTH	6.000 EA	_____	_____	_____	_____
0340	700	50502 CONC. SIGN FOUND., SSP-V A 1'9" DIA. X 4'6" DEPTH	1.000 EA	_____	_____	_____	_____
0350	700	50503 CONC. FOUND., SSP-V A 2'6" DIA. X 6' DEPTH	1.000 EA	_____	_____	_____	_____
0360	700	50506 CONC. SIGN FOUND., SSP-VI A 2'3" DIA. X 4'6" DEPTH	2.000 EA	_____	_____	_____	_____
0370	700	50528 CONC. SIGN FOUND., SSP-VI A 3'0" DIA. X 7' DEPTH	4.000 EA	_____	_____	_____	_____
0380	700	50544 CONC. SIGN FOUND., SSP-VI A 3'6" DIA. X 9' DEPTH	2.000 EA	_____	_____	_____	_____



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SECTION: 0001

REGULAR ITEMS

Cat Alt Set ID:

Cat Alt Mbr ID:

Proposal Line Number	Spec No.	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
				Dollars	Cents	Dollars	Cents
0390	700	50558 CONC. SIGN FOUND., SSP-VI A 4' DIA. X 9'6" DEPTH	3.000 EA	_____	_____	_____	_____
0400	700	50900 TRAFFIC SIGN UPS-1, 2LB/LF	300.000 LF	_____	_____	_____	_____
0410	700 ATTD	50901 TRAFFIC SIGN GROUND MOUNTED SIGN PANELS	6,700.000 SF	_____	_____	_____	_____
0420	700 ATTD	50901 TRAFFIC SIGN OVERHEAD SIGN PANELS	6,000.000 SF	_____	_____	_____	_____
0430	700	51930 REMOVE EXISTING SIGN STRUCTURE TY. MBM	16.000 EA	_____	_____	_____	_____
0440	700	51930 REMOVE EXISTING SIGN STRUCTURE TY. O/H BRIDGE MOUNT	6.000 EA	_____	_____	_____	_____
0450	700	51930 REMOVE EXISTING SIGN STRUCTURE TY. O/H BUTTERFLY	1.000 EA	_____	_____	_____	_____
0460	700	51930 REMOVE EXISTING SIGN STRUCTURE TY. O/H CANTILEVER	2.000 EA	_____	_____	_____	_____
0470	700	51930 REMOVE EXISTING SIGN STRUCTURE TY. O/H SPAN 0' - 75'	2.000 EA	_____	_____	_____	_____
0480	700	51930 REMOVE EXISTING SIGN STRUCTURE TY. O/H SPAN 151' - 225'	2.000 EA	_____	_____	_____	_____

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Contractor: \_\_\_\_\_

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REGULAR ITEMS

Cat Alt Set ID:

Cat Alt Mbr ID:

Proposal Line Number	Spec No.	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
				Dollars	Cents	Dollars	Cents
0490	700	51930 REMOVE EXISTING SIGN STRUCTURE TY. O/H SPAN 76' - 150'	1.000 EA	_____	_____	_____	_____
0500	700	51930 REMOVE EXISTING SIGN STRUCTURE TY. STP-1	30.000 EA	_____	_____	_____	_____
0510	700	51930 REMOVE EXISTING SIGN STRUCTURE TY. STP-2	15.000 EA	_____	_____	_____	_____
0520	700	51930 REMOVE EXISTING SIGN STRUCTURE TY. STP-3	5.000 EA	_____	_____	_____	_____
0530	700	51930 REMOVE EXISTING SIGN STRUCTURE TY. UPS-1	30.000 EA	_____	_____	_____	_____
0540	700	51930 REMOVE EXISTING SIGN STRUCTURE TY. V A	40.000 EA	_____	_____	_____	_____
0550	700	51930 REMOVE EXISTING SIGN STRUCTURE TY. VI A	2.000 EA	_____	_____	_____	_____
0560	700	51930 REMOVE EXISTING SIGN STRUCTURE TY. WP-1	95.000 EA	_____	_____	_____	_____
0570	700	51930 REMOVE EXISTING SIGN STRUCTURE TY. WP-2	5.000 EA	_____	_____	_____	_____
0580	700	51931 REMOVE EXISTING SIGN PANEL TY. SP-1 FROM GRD. MNT. STR.	72.000 EA	_____	_____	_____	_____
0590	700	51931 REMOVE EXISTING SIGN PANEL TY. SP-1 FROM O/H SIGN STR.	30.000 EA	_____	_____	_____	_____

## Schedule of Items

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Contractor: \_\_\_\_\_

SECTION: 0001

REGULAR ITEMS

Cat Alt Set ID:

Cat Alt Mbr ID:

Proposal Line Number	Spec No.	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
				Dollars	Cents	Dollars	Cents
0600	700	51931 REMOVE EXISTING SIGN PANEL TY. SP-2 FROM GRD. MNT. STR.	1.000 EA	_____	_____	_____	_____
0610	700	51931 REMOVE EXISTING SIGN PANEL TY. SP-2 FROM O/H SIGN STR.	4.000 EA	_____	_____	_____	_____
0620	700	51931 REMOVE EXISTING SIGN PANEL TY. SP-3 FROM O/H SIGN STR.	2.000 EA	_____	_____	_____	_____
0630	700	51931 REMOVE EXISTING SIGN PANEL TY. SP-4 FROM O/H SIGN STR.	12.000 EA	_____	_____	_____	_____
0640	700	51932 RELOCATE EXISTING SIGN PANEL TY. GRD. MT. SP-1	5.000 EA	_____	_____	_____	_____
0650	700	51932 RELOCATE EXISTING SIGN PANEL TY. O/H SP-1	11.000 EA	_____	_____	_____	_____
0660	ATTD	51960 INSTALL CONCRETE BARRIER SIGN MOUNTING ASSEMBLY	8.000 EA	_____	_____	_____	_____
0670	510 ATTD	51960 INSTALL SIGN PANEL TY. SP- 1 TO GRD. MNT. STR.	10.000 EA	_____	_____	_____	_____
0680	510 ATTD	51960 INSTALL SIGN PANEL TY. SP- 1 TO O/H STR.	20.000 EA	_____	_____	_____	_____
0690	510 ATTD	51960 INSTALL SIGN PANEL TY. SP- 2 TO GRD. MNT. STR.	4.000 EA	_____	_____	_____	_____

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Contractor: \_\_\_\_\_

SECTION: 0001

REGULAR ITEMS

Cat Alt Set ID:

Cat Alt Mbr ID:

Proposal Line Number	Spec No.	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
				Dollars	Cents	Dollars	Cents
0700	510 ATTD	51960 INSTALL SIGN PANEL TY. SP- 2 TO O/H STR.	2.000 EA	_____	_____	_____	_____
0710	510 ATTD	51960 INSTALL SIGN PANEL TY. SP- 3 TO O/H STR.	2.000 EA	_____	_____	_____	_____
0720	510 ATTD	51960 INSTALL SIGN PANEL TY. SP- 4 TO O/H STR.	12.000 EA	_____	_____	_____	_____
Section: 0001				Total:		_____	_____
				Total Bid:		_____	_____

**Bid Items Eligible For Steel Price Adjustment**

Instructions: This form shall be completed in accordance with the Special Provision. If you choose to have Steel Price Adjustment applied to any of the items listed below, write the word "Yes" in the "OPTION" column beside the item. The form must be signed, dated, and submitted to the Contract Engineer within the timeframe required in the Special Provision.

SECTION: 0001

REGULAR ITEMS

Item Number	Item Description	Option
50404	VA SIGN POST, W4 x 13	_____
50406	VA SIGN POST, W6 x 12	_____
50410	VIA SIGN POST, W10 X 12	_____
50411	VIA SIGN POST, W12 X 14	_____
50414	VIA SIGN POST, W14 X 22	_____
50415	VIA SIGN POST, W14 X 26	_____
50416	VIA SIGN POST, W16 X 26	_____
50430	SIGN POST STP-1, 2", 14 GAUGE	_____
50432	SIGN POST STP-1, 2 3/16", 10 GAUGE	_____
50434	SIGN POST STP-1, 2 1/2", 10 GAUGE	_____
50436	SIGN POST STP-1, 2 1/2", 12 GAUGE	_____

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

\_\_\_\_\_  
(Firm or Corporation)\_\_\_\_\_  
(Vendor No.)

ORDER NO.: B50  
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Form C-111  
Rev. 2-15-11

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
MINIMUM DBE REQUIREMENTS

PROJECT NO: SN05-965-364, N501

FHWA NO: NHPP-TS05(304)

\*\*\*INSTRUCTIONS\*\*\*

THIS FORM CAN BE USED BY THE CONTRACTOR TO SUBMIT THE NAMES OF DBE FIRMS TO BE UTILIZED ON THE PROJECT. THE CONTRACTOR SHALL INDICATE THE DESCRIPTION OF THE CATEGORY (S, M, SP or H) AND THE TYPE OF WORK THAT EACH DBE WILL PERFORM AND THE ALLOWABLE CREDIT PER ITEM(S). ADDITIONAL SHEETS TO SHOW THE ALLOWABLE CREDIT PER ITEM MAY BE ATTACHED IF NECESSARY. PLEASE NOTE: THE AMOUNT OF ALLOWABLE CREDIT FOR A DBE SUPPLIER IS 60% OF THE TOTAL COST OF THE MATERIALS OR SUPPLIES OBTAINED AND 100% FOR A DBE MANUFACTURER OF THE MATERIALS AND SUPPLIES OBTAINED. A CONTRACTOR MAY COUNT 100% OF THE FEES PAID TO A DBE HAULER FOR THE DELIVERY OF MATERIALS AND SUPPLIES TO THE PROJECT SITE, BUT NOT FOR THE COST OF THE MATERIALS AND SUPPLIES THEMSELVES.

SECTION I:

DBE REQUIREMENT 0%

SECTION II:

PERCENT ATTAINED BY BIDDER %

NAME(s) AND CERTIFICATION NO. OF DBE(s) TO BE USED	USED AS SUBCONTR. (S) MFG. (M) SUPPLIER (SP) HAULER (H)	TYPE OF WORK & ITEM NO(s)	AMT. OF ALLOWABLE CREDIT PER ITEM

TOTAL: \$ \_\_\_\_\_

Total Contract Value \$ \_\_\_\_\_ X Required DBE \_\_\_\_\_ % =\$ \_\_\_\_\_

I/WE CERTIFY THAT THE PROPOSED DBE (S) SUBMITTED WILL BE USED ON THIS CONTRACT AS STATED HEREON AND ASSURE THAT DURING THE LIFE OF THE CONTRACT, I/WE WILL MEET OR EXCEED THE PARTICIPATION ESTABLISHED HEREON BY THE DEPARTMENT.

_____	By	_____
BIDDER		SIGNATURE
_____	By	_____
TITLE		DATE

**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
CERTIFICATION OF BINDING AGREEMENT WITH  
DISADVANTAGED BUSINESS ENTERPRISE FIRMS**

Project No.: SN05-965-364, N501

FHWA NO: NHPP-TS05(304)

This form is to be submitted in accordance with the Department's Special Provision for Section 107.15.

It is hereby certified by the below signed Contractors that there exists a written quote, acceptable to the parties involved preliminary to a binding subcontract agreement stating the details concerning the work to be performed and the price which will be paid for the aforementioned work. This document is not intended to, nor should it be construed to, contain the entire text of the agreement between the contracting parties. This document does not take the place of, nor may it be substituted for, an official subcontracting agreement in those situations that may require such an agreement. A copy of the fully executed *subcontract agreement* shall be submitted to the Engineer within fourteen (14) working days after contract execution.

It is further certified that the aforementioned mutually acceptable quote and fully executed subcontract agreement represent the entire agreement between the two parties involved and that no conversations, verbal agreements, or other forms of non-written representations shall serve to add to, delete, or modify the terms as stated.

The prime Contractor further represents that the aforementioned mutually acceptable quote and fully executed subcontract agreement shall remain on file for a period of not less than one year following completion of the prime's contract with the Department or for such longer period as provisions of governing Federal or State law or regulations may require. For purposes of this form, the term Prime Contractor shall refer to any Contractor utilizing a DBE subcontractor, regardless of tier, in which they are claiming DBE credit toward the contract goal.

Contractors further jointly and severally represent that said binding agreement is for the performance of a "commercially useful function" as that term is employed in 49 C.F.R. Part 26.55 (c), (d).

**TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER  
SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM**

Prime Contractor: \_\_\_\_\_

By: \_\_\_\_\_  
Signature Title

Date: \_\_\_\_\_

First Tier  
Subcontractor  
If Applicable:

By: \_\_\_\_\_  
Signature Title

Date: \_\_\_\_\_

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Second Tier  
Subcontractor  
If Applicable:

\_\_\_\_\_  
By: \_\_\_\_\_  
Signature Title  
Date: \_\_\_\_\_

Third Tier  
Subcontractor  
If Applicable

\_\_\_\_\_  
By: \_\_\_\_\_  
Signature Title  
Date: \_\_\_\_\_

DBE Contractor

\_\_\_\_\_  
By: \_\_\_\_\_  
Signature Title  
Date: \_\_\_\_\_



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**FORMS and SCHEDULE OF ITEMS PRECEDE SPCNs, SPs and SUPPLEMENTAL SPECS.**

<b>*CN100-000026-04</b>	<b>GEN. PROJ. REQUIRE., SSS/SPS/SPCNS</b>	<b>4-29-19 (SPCN)</b>	<b>1</b>
<b>CN102-000510-00</b>	<b>SEC. 102.05—PREP. OF BID (CARGO PREFER. ACT)</b>	<b>R-7-12-16 (SPCN)</b>	<b>1</b>
<b>CN512-000100-00</b>	<b>TABLE V-1, ADT GROUPS</b>	<b>7-12-16 (SPCN)</b>	<b>2</b>
<b>CN512-000120-00</b>	<b>SECTION 512—MAINTAINING TRAFFIC (IMPACT ATTEN. SER.)</b>	<b>7-13-16_(SPCN)</b>	<b>2</b>
<b>*CONSTRUCTION GENERAL PERMIT REVISIONS</b>		<b>6-10-19 (SPCN)</b>	<b>3</b>
<b>SEC. 512—MAINTAINING TRAFFIC (ID STAMP/ENGRAVE G'RAIL/ATTEN)</b>		<b>R-7-12-16 (SPCN)</b>	<b>4</b>
<b>REMOVE EXISTING SIGN FOUNDATION</b>		<b>4-9-19 (SPCN)</b>	<b>4</b>
<b>SALVAGE EXISTING DYNAMIC MESSAGE SIGN</b>		<b>6-26-19 (SPCN)</b>	<b>5</b>
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<b>*SS701-002016-01</b>	<b>SECTION 701 – TRAFFIC SIGNS</b>	<b>3-11-19</b>	<b>131</b>
<b>BRIDGE PARAPET AND CONCRETE MEDIAN BARRIER SIGN MOUNT ASSEMBLIES</b>		<b>6-27-19</b>	<b>135</b>
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**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

[cn100-000026-04](#)

**GENERAL PROJECT REQUIREMENTS, SUPPLEMENTAL SPECIFICATIONS (SSs), SPECIAL PROVISIONS (SPs) AND SPECIAL PROVISION COPIED NOTES (SPCNs)**

This project shall be constructed according to: the plans; the *Virginia Department of Transportation Road and Bridge Specifications*, dated 2016 and the Supplement thereto, dated 2019; the *Virginia Department of Transportation Road and Bridge Standards*, dated 2016, with revisions issued online as of the advertisement date for this project incorporated; the 2011 edition of the *Virginia Work Area Protection Manual with Revision Number 1* incorporated, dated April 1, 2015; the 2009 edition of the *MUTCD with Revision Numbers 1 and 2* incorporated, dated May 2012; and the 2011 edition of the *Virginia Supplement to the MUTCD with Revision Number 1* dated September 30, 2013; and the Supplemental Specifications, Special Provisions and Special Provision Copied Notes in this contract. The status in the Contract of each of these documents will be according to Section 105.12 of the Specifications.

Special Provision Copied Notes in this contract are designated with “(SPCN)” after the date.

The information at the top and left of each Special Provision Copied Note in this contract is file reference information for Department use only. The information in the upper left corner above the title of each Supplemental Specification and Special Provision in this contract is file reference information for Department use only.

4-29-19 (SPCN)

[cn102-000510-00](#)

**SECTION 102.05—PREPARATION OF BID** of the Specifications is amended to include the following:

**(g) Compliance with the Cargo Preference Act**

As required by [46 CFR 381.7 \(a\)-\(b\)](#) “Use of United States-flag vessels, when materials or equipment are acquired for a specific highway project, the Contractor agrees:

1. To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels.
2. To furnish within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States. a legible copy of a rated, 'on-board' commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (1) of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590.

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

3. To insert the substance of the provisions of this clause in all subcontracts issued pursuant to this contract.

This requirement will not be applicable when materials or equipment used on the Project are obtained from the existing inventories of suppliers and contractors; they are only applicable when the materials or equipment are acquired for the specific project, and have been transported by ocean vessel.

12-14-15; Reissued 7-12-16 (SPCN)

[cn512-000100-00](#)

**TABLE V-1, ADT GROUPS** — The Specifications are amended to include the following table:

<b>TABLE V-1</b>			
<b>Average Daily Traffic (ADT) Groups</b>			
<b>Traffic Group</b>	<b>ADT</b>	<b>Traffic Group</b>	<b>ADT</b>
I	0-9	X	2,000-2,999
II	10-24	XI	3,000-3,999
III	25-49	XII	4,000-4,999
IV	50-99	XIII	5,000-5,999
V	100-249	XIV	6,000-9,999
VI	250-399	XV	10,000-14,999
VII	400-749	XVI	15,000-19,999
VIII	750-999	XVII	20,000-29,999
IX	1,000-1,999	XVIII	30,000-39,999
		XIX	40,000 & over

7-12-16 (SPCN)

[cn512-000120-00](#)

**SECTION 512—MAINTAINING TRAFFIC** of the Specifications is amended as follows:

**Section 512.03(i)—Impact Attenuator Service** is amended to replace the second paragraph with the following:

Only Type 1 re-directive low-maintenance impact attenuators in accordance with Section 505 shall be used on highways with posted speed limits greater than 50 mph or with an ADT greater than 25,000 vehicles per day.

7-13-16\_(SPCN)

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

**CONSTRUCTION GENERAL PERMIT REVISIONS**

**Section 107.16(e)4.a. Inspection Requirements** is replaced with the following:

**Inspection Requirements:** The Contractor shall be responsible for conducting site inspections according to the requirements herein. Site inspections shall include erosion, sediment control, and pollution prevention practices and facilities; all areas of the site disturbed by construction activity; all on-site support facilities; and all off site support facilities within VDOT right of way or easement. The Contractor shall document such inspections by completion of Form C-107, Construction Runoff Control Inspection Form, according to the directions contained within the form. Inspections shall be conducted using one of the following schedules:

- Schedule 1 - At least once every 7 calendar days (equivalent to the once every five business days schedule in the VPDES *General Permit for Discharge of Stormwater from Construction Activities*) and within 24 hours following any measureable storm event. If a measureable storm event occurs when there are more than 24 hours between business days, the Contractor shall perform his inspection no later than the next business day. The Contractor shall install a rain gauge at a central location on the project site for the purposes of determining the occurrence of a measureable storm event. Where the project is of such a length that one rain gauge may not provide an accurate representation of the occurrence of a measurable storm event over the entire project site, the Contractor shall install as many rain gauges as necessary to accurately reflect the amount of rainfall received over all portions of the project. The Contractor shall observe all rain gauges no less than once each business day at the time prescribed in the SWPPP General Information Sheet notes in the construction plans or other contract documents to determine if a measureable storm event has occurred. The procedures for determining the occurrence of a measurable storm event are identified in the SWPPP General Information Sheet notes in the construction plans or other contract documents.
- Schedule 2 - At least each Monday and Thursday (equivalent to the once every four business days schedule in the VPDES *General Permit for Discharge of Stormwater from Construction Activities*). Where Monday or Thursday is a non-business day, the inspection may be performed on the next business day afterward. In no case shall the inspections be performed less than once every four business days. A rain gauge will not be required when using Schedule 2.

The inspection schedule (1 or 2) is to be selected prior to the beginning of land disturbance. Once an inspection schedule is selected, it shall be defined in the appropriate note in the SWPPP General Information Sheets contained in the construction plan set and shall be used for the duration of the project. A business day is defined as Monday through Friday excluding State holidays. A measurable storm event is defined as one producing 0.25 inches of rainfall or greater over a 24 hour time period.

For those areas of the site that have been temporarily stabilized or where land disturbing activities have been suspended due to continuous frozen ground conditions and stormwater discharges are unlikely, the inspection schedule may be reduced to once per month. If weather conditions (such as above freezing temperatures or rain or snow events) make stormwater discharges likely, the Contractor shall immediately resume the regular inspection schedule. Those definable areas where final stabilization has been achieved will not require further inspections provided such areas have been identified in the project's Stormwater Pollution Prevention Plan.

If adverse weather causes the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. Any time inspections are delayed due to adverse weather conditions, evidence of the adverse weather conditions shall be documented in the SWPPP with the dates of occurrence.

6-10-19 (SPCN)

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

**SECTION 512—MAINTAINING TRAFFIC** is amended as follows:

**Section 512.03(h)1 Guardrail barrier service and terminal treatments** is amended to replace the last sentence with the following:

All end terminals used in conjunction with guardrail barrier service shall be from manufacturers on the Materials Division's Approved Products List No. 12 and the VDOT NCHRP 350 or MASH approved list linked in List No. 12. New Guardrail Terminals (GR-7 & GR-9) shall be permanently identified in a location readily visible for inspection that is not susceptible to damage by stamping or engraving. The identification shall include Manufacturer, Date and Site of Manufacture, and Model Number.

**Section 512.03(i) Impact Attenuator Service**, the first paragraph, is amended to replace the last sentence with the following:

New impact attenuators shall be permanently identified in a location readily visible for inspection that is not susceptible to damage by stamping or engraving. The identification shall include Manufacturer, Date and Site of Manufacture, and Model Number.

**Section 512.03(r) Truck-mounted or trailer-mounted attenuators**, the second paragraph, is amended to replace the last sentence with the following:

New truck-mounted and trailer-mounted attenuators shall be permanently identified in a location readily visible for inspection that is not susceptible to damage by stamping or engraving. The identification shall include Manufacturer, Date and Site of Manufacture, and Model Number.

3-18-16; Reissued 7-12-16 (SPCN)

**REMOVE EXISTING SIGN FOUNDATION** shall consist of demolishing and removing concrete foundations to at least two feet below existing ground line and restoring the site in accordance with the Specifications and as directed by the Engineer.

**Remove existing (Type) foundation** will be measured in units of each and will be paid for at the Contract each price. This price shall include excavating, demolishing and removing concrete to at least two feet below existing ground line, disposing of waste materials and backfilling with suitable materials, compacting, and restoring the site (grading, topsoiling, and seeding).

Payment will be made under:

<b>Pay Item</b>	<b>Pay Unit</b>
Remove existing (Type) foundation	Each

4-9-19 (SPCN)

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

**SALVAGE EXISTING DYNAMIC MESSAGE SIGN** shall consist of removing, salvaging, and transporting dynamic message signs in accordance with the Specifications and as directed by the Engineer. The Contractor shall give at least 48 hours prior notice before delivering salvaged DMS.

**Remove and salvage existing dynamic message sign (DMS)** will be measured in units of each and will be paid for at the Contract each price. This price shall include removing and salvaging of the existing DMS sign panel, framing and bracing, conductor cables, and attachment hardware and delivering the salvaged DMS to the VDOT Area Headquarters designated by the Engineer.

All fiber optic work or computer equipment associated with removing and salvaging or relocating of the Dynamic Message Sign will be completed by others before the work will be released to the Contractor. No separate fiber optic work will be required.

Payment will be made under:

<b>Pay Item</b>	<b>Pay Unit</b>
Remove and salvage existing dynamic message sign	Each

6-26-19 (SPCN)

**SECTION 701 – TRAFFIC SIGNS** of the Specifications is amended as follows:

**Section 701.03 - Procedures** is amended to include the following:

Existing sign panels to be salvaged shall be disassembled as directed by the Engineer. The Contractor shall give at least 48 hours prior notice before delivering such equipment.

Existing signs shall be relocated during construction as directed by the Engineer. All existing and relocated signs shall be removed when the new signing system is installed. All new signs in a particular sequence giving similar directions shall be installed before existing signs are removed.

**Section 701.04 - Measurement and Payment** is amended to include the following:

**Ground mounted sign panels** will be measured in square feet and will be paid for at the Contract square foot price. This price shall include background sheeting, sign messages, finishing, framing units, hanger assemblies, bracing, stiffeners, splicing, backing strips, post clips/post clamps, warranty, and labeling.

**Overhead sign panels** will be measured in square feet and will be paid for at the Contract square foot price. This price shall include background sheeting, sign messages, finishing, framing units, hanger assemblies, bracing, stiffeners, splicing, backing strips, post clips/post clip bolts, warranty, and labeling.

The Pay Item Table is amended to include the following:

<b>Pay Item</b>	<b>Pay Unit</b>
Ground Mounted Sign Panels	Square Foot
Overhead Sign Panels	Square Foot

4-9-19 (SPCN)

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

**SITE MOBILIZATION:** Site mobilization shall consist of performing preparatory operations, including moving personnel and equipment to a site or sites within a region, when repair or replacement work is requested for the work listed in the proposal\contract.

Site mobilization will be measured in units of each to mobilize to a site or sites to perform all work identified and will be paid in units of each. Only one mobilization will be paid per task order notice to mobilize issued by the Engineer. The price shall include moving personnel, materials and equipment to the project site, setting up maintenance of traffic items and demobilization when no longer required. The price also includes, but is not limited to, as many return trips as necessary due to holidays, curing time and/or temperature requirements, and manufacture recommendations.

Payment for mobilization will be made on the basis of two installments per task order. The first installment will be made at 65 percent of the contract unit price per each and will be made on the next progress estimate after mobilization. Payment of the remaining 35 percent will be made on the progress estimate following completion and acceptance of the work and demobilization.

Payment will be made under:

<b>Pay Item</b>	<b>Pay Unit</b>
Site mobilization	Each
9-10-15(SPCN)	

**DRUG-FREE WORKPLACE** – The Contractor shall:

- Provide a Drug-Free Workplace for the Contractor’s employees.
- Post in conspicuous places, available to employees and applicants for employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the Contractor’s workplace and specifying the actions that will be taken against employees for violations of such prohibition.
- State in all solicitations or advertisements for employees placed by or on behalf of the Contractor that the Contractor maintains a Drug-Free Workplace.
- Include the provisions of the foregoing clauses in every Subcontract or purchase order of over \$10,000, so that the provisions will be binding upon each Subcontractor or vendor.

For the purposes of this provision, “Drug-Free Workplace” means a site for the performance of work done in connection with the Contract. The Contractors employees, and those of his Subcontractors, shall be prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession, or use of any controlled substance or marijuana during the performance of the Work.  
7-3-19 (SPCN)

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

SP0F0-000100-00

Reissued July 12, 2016

**PREDETERMINED MINIMUM WAGE RATES**

Decision Number: VA190095 01/04/2019 VA95

Superseded General Decision Number: VA20180095

State: Virginia

Construction Type: Highway

Counties: Accomack and Northumberland Counties in Virginia.

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects & railroad construction; bascule, suspension & spandrel arch bridges designed for commercial navigation, bridges involving marine construction; and other major bridges).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.60 for calendar year 2019 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.60 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2019. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).



**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

Modification Number	Publication Date
0	01/04/2019

SUVA2016-031 07/02/2018

	Rates	Fringes
CARPENTER, Includes Form Work....	\$ 21.73	3.06
CEMENT MASON/CONCRETE FINISHER...	\$ 19.35	0.00
IRONWORKER, REINFORCING.....	\$ 20.80	0.00
LABORER: Asphalt, Includes Raker, Shoveler, Spreader and Distributor.....	\$ 18.28	0.00
LABORER: Common or General.....	\$ 16.60	0.00
LABORER: Pipelayer.....	\$ 16.75	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 19.97	0.00
OPERATOR: Broom/Sweeper.....	\$ 16.15	0.23
OPERATOR: Bulldozer.....	\$ 17.66	0.00
OPERATOR: Crane.....	\$ 26.68	0.00
OPERATOR: Grader/Blade, Includes Finishing.....	\$ 26.13	0.00
OPERATOR: Loader.....	\$ 17.80	2.78
OPERATOR: Mechanic.....	\$ 19.15	0.00
OPERATOR: Milling Machine.....	\$ 21.13	0.00
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 20.15	0.00
OPERATOR: Roller.....	\$ 19.16	0.00
OPERATOR: Asphalt Spreader and Distributor.....	\$ 21.53	0.00

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

TRAFFIC CONTROL:    Flagger.....	\$ 11.99	0.00
TRUCK DRIVER : HEAVY 7CY & UNDER.....	\$ 16.69	0.00
TRUCK DRIVER:    HEAVY    OVER 7 CY.....	\$ 17.74	0.00
TRUCK DRIVER: Single & Multi Axle.....	\$ 19.48	0.00
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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

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Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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END OF GENERAL DECISION

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

General Decision Number: VA190096 01/04/2019 VA96

Superseded General Decision Number: VA20180096

State: Virginia

Construction Type: Highway

Counties: Charlotte, Emporia\*, Greensville and Surry Counties in Virginia.

\*including the independent city of Emporia

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects & railroad construction; bascule, suspension & spandrel arch bridges designed for commercial navigation, bridges involving marine construction; and other major bridges).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.60 for calendar year 2019 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.60 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2019. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

Modification Number	Publication Date
0	01/04/2019

SUVA2016-032 07/02/2018

	Rates	Fringes
CARPENTER, Includes Form Work....	\$ 17.77	0.96
CEMENT MASON/CONCRETE FINISHER...	\$ 19.35	0.00
IRONWORKER, REINFORCING.....	\$ 20.80	0.00
LABORER: Asphalt, Includes Raker, Shoveler, Spreader and Distributor.....	\$ 17.79	0.00
LABORER: Common or General.....	\$ 14.60	0.00
LABORER: Pipelayer.....	\$ 16.75	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 17.74	0.00
OPERATOR: Broom/Sweeper.....	\$ 16.15	0.23
OPERATOR: Bulldozer.....	\$ 17.66	0.00
OPERATOR: Crane.....	\$ 26.68	0.00
OPERATOR: Grader/Blade, Includes Finishing.....	\$ 26.13	0.00
OPERATOR: Loader.....	\$ 18.18	0.00
OPERATOR: Mechanic.....	\$ 19.15	0.00
OPERATOR: Milling Machine.....	\$ 21.13	0.00
OPERATOR: PAVEMENT PLANER.....	\$ 15.95	0.00
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 18.10	0.00
OPERATOR: Roller (Finishing)....	\$ 16.55	0.00

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

OPERATOR: Roller.....	\$ 16.38	0.00
OPERATOR: TRACTOR (UTILITY).....	\$ 13.94	0.00
OPERATOR: Asphalt Spreader and Distributor.....	\$ 17.34	0.00
PAVEMENT MARKING TRUCK DRIVER.....	\$ 21.40	0.00
TRAFFIC CONTROL: Flagger.....	\$ 11.99	0.00
TRUCK DRIVER : HEAVY 7CY & UNDER.....	\$ 16.69	0.00
TRUCK DRIVER: 1/Single Axle Truck.....	\$ 15.79	0.00
TRUCK DRIVER: HEAVY OVER 7 CY.....	\$ 17.74	0.00
TRUCK DRIVER: MULTI AXLE.....	\$ 16.36	0.00

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WELDERS - Receive rate prescribed for craft performing  
operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.



**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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END OF GENERAL DECISION

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

General Decision Number: VA190097 01/04/2019 VA97

Superseded General Decision Number: VA20180097

State: Virginia

Construction Type: Highway

Counties: Cumberland, Franklin\* and Southampton Counties in Virginia.

\*including the independent city of Franklin

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects & railroad construction; bascule, suspension & spandrel arch bridges designed for commercial navigation, bridges involving marine construction; and other major bridges).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.60 for calendar year 2019 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.60 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2019. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

Modification Number	Publication Date
0	01/04/2019

SUVA2016-033 07/02/2018

	Rates	Fringes
CARPENTER, Includes Form Work....	\$ 17.77	0.96
CEMENT MASON/CONCRETE FINISHER....	\$ 19.35	0.00
IRONWORKER, REINFORCING.....	\$ 20.80	0.00
LABORER: Asphalt, Includes Raker, Shoveler, Spreader and Distributor.....	\$ 17.79	0.00
LABORER: Common or General.....	\$ 14.60	0.00
LABORER: Pipelayer.....	\$ 16.75	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 17.74	0.00
OPERATOR: Broom/Sweeper.....	\$ 16.15	0.23
OPERATOR: Crane.....	\$ 26.68	0.00
OPERATOR: Grader/Blade, Includes Finishing.....	\$ 26.13	0.00
OPERATOR: Loader.....	\$ 18.18	0.00
OPERATOR: Mechanic.....	\$ 19.15	0.00
OPERATOR: Milling Machine.....	\$ 21.13	0.00
OPERATOR: PAVEMENT PLANER.....	\$ 15.95	0.00
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 18.10	0.00
OPERATOR: Roller (Finishing)....	\$ 16.55	0.00
OPERATOR: Roller.....	\$ 16.38	0.00

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

OPERATOR: TRACTOR (UTILITY).....\$ 13.94	0.00
OPERATOR: Asphalt Spreader and Distributor.....\$ 17.34	0.00
OPERATOR: Bulldozer, Including Utility.....\$ 17.66	0.00
PAVEMENT MARKING TRUCK DRIVER....\$ 21.40	0.00
TRAFFIC CONTROL: Flagger.....\$ 11.99	0.00
TRUCK DRIVER : HEAVY 7CY & UNDER.....\$ 16.69	0.00
TRUCK DRIVER: 1/Single Axle Truck.....\$ 15.79	0.00
TRUCK DRIVER: HEAVY OVER 7 CY.....\$ 17.74	0.00
TRUCK DRIVER: MULTI AXLE.....\$ 16.36	0.00

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WELDERS - Receive rate prescribed for craft performing  
operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

**Survey Rate Identifiers**

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

**Union Average Rate Identifiers**

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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END OF GENERAL DECISION

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

General Decision Number: VA190098 01/04/2019 VA98

Superseded General Decision Number: VA20180098

State: Virginia

Construction Type: Highway

Counties: Essex, King And Queen, Lancaster, Middlesex, Northampton, Richmond and Westmoreland Counties in Virginia.

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects & railroad construction; bascule, suspension & spandrel arch bridges designed for commercial navigation, bridges involving marine construction; and other major bridges).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.60 for calendar year 2019 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.60 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2019. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

Modification Number	Publication Date
0	01/04/2019

SUVA2016-034 07/02/2018

	Rates	Fringes
CARPENTER, Includes Form Work.....	\$ 21.73	3.06
CEMENT MASON/CONCRETE FINISHER....	\$ 19.35	0.00
IRONWORKER, REINFORCING.....	\$ 20.80	0.00
LABORER: Asphalt, Includes Raker, Shoveler, Spreader and Distributor.....	\$ 18.28	0.00
LABORER: Common or General.....	\$ 16.60	0.00
LABORER: Pipelayer.....	\$ 16.75	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 19.97	0.00
OPERATOR: Broom/Sweeper.....	\$ 16.15	0.23
OPERATOR: Bulldozer.....	\$ 17.66	0.00
OPERATOR: Crane.....	\$ 26.68	0.00
OPERATOR: Grader/Blade, Includes Finishing.....	\$ 26.13	0.00
OPERATOR: Loader.....	\$ 17.80	2.78
OPERATOR: Mechanic.....	\$ 19.15	0.00
OPERATOR: Milling Machine.....	\$ 21.13	0.00
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 20.15	0.00
OPERATOR: Roller.....	\$ 19.16	0.00
OPERATOR: Asphalt Spreader and Distributor.....	\$ 21.53	0.00



**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

TRAFFIC CONTROL:    Flagger.....\$ 11.99	0.00
TRUCK DRIVER : HEAVY 7CY & UNDER.....\$ 16.69	0.00
TRUCK DRIVER:   HEAVY   OVER 7 CY.....\$ 17.74	0.00
TRUCK DRIVER: Single & Multi Axle.....\$ 19.48	0.00
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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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END OF GENERAL DECISION

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

General Decision Number: VA190127 01/04/2019 VA127

Superseded General Decision Number: VA20180127

State: Virginia

Construction Type: Highway

County: Isle of Wight County in Virginia.

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects & railroad construction; bascule, suspension & spandrel arch bridges designed for commercial navigation, bridges involving marine construction; and other major bridges).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.60 for calendar year 2019 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.60 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2019. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

Modification Number	Publication Date
0	01/04/2019

ELEC0080-011 06/01/2018

	Rates	Fringes
ELECTRICIAN, Includes Traffic Signalization.....	\$ 27.94	12.56%+6.95

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SUVA2016-063 07/02/2018

	Rates	Fringes
CARPENTER, Includes Form Work....	\$ 20.21	0.00
CEMENT MASON/CONCRETE FINISHER...	\$ 16.03	0.00
IRONWORKER, REINFORCING.....	\$ 24.03	0.00
IRONWORKER, STRUCTURAL.....	\$ 27.38	0.00
LABORER: Asphalt, Includes Raker, Shoveler, Spreader and Distributor.....	\$ 18.62	2.62
LABORER: Common or General.....	\$ 13.81	0.00
LABORER: Grade Checker.....	\$ 14.88	0.00
LABORER: Pipelayer.....	\$ 17.76	0.00
LABORER: Power Tool Operator....	\$ 15.69	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 20.74	0.00
OPERATOR: Bobcat/Skid Steer/Skid Loader.....	\$ 19.16	4.45
OPERATOR: Broom/Sweeper.....	\$ 17.40	2.01
OPERATOR: Crane.....	\$ 24.42	4.69
OPERATOR: Drill.....	\$ 24.66	0.00

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

OPERATOR: Gradall.....	\$ 19.26	0.00
OPERATOR: Grader/Blade.....	\$ 23.21	0.00
OPERATOR: Hydroseeder.....	\$ 16.64	0.00
OPERATOR: Loader.....	\$ 17.86	0.00
OPERATOR: Mechanic.....	\$ 21.43	0.00
OPERATOR: Milling Machine.....	\$ 23.12	3.60
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 20.12	3.81
OPERATOR: Piledriver.....	\$ 21.83	4.08
OPERATOR: Roller.....	\$ 21.32	0.00
OPERATOR: Screed.....	\$ 22.13	4.89
OPERATOR: Asphalt Spreader and Distributor.....	\$ 19.09	1.81
OPERATOR: Bulldozer, Including Utility.....	\$ 19.43	0.00
TRAFFIC CONTROL: Flagger.....	\$ 12.89	0.00
TRUCK DRIVER : HEAVY 7CY & UNDER.....	\$ 15.53	0.00
TRUCK DRIVER: 1/Single Axle Truck.....	\$ 18.26	4.88
TRUCK DRIVER: Fuel and Lubricant Service.....	\$ 18.25	0.00
TRUCK DRIVER: HEAVY OVER 7 CY.....	\$ 16.98	0.00
TRUCK DRIVER: MULTI AXLE.....	\$ 18.77	4.63

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**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.



**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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END OF GENERAL DECISION

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

General Decision Number: VA190195 01/04/2019 VA195

Superseded General Decision Number: VA20180206

State: Virginia

Construction Type: Highway

Counties: Chesapeake\*, Gloucester, Hampton\*, James\*, Mathews, Newport News\*, Norfolk\*, Poquoson\*, Portsmouth\*, Suffolk\*, Virginia Beach\* and York Counties in Virginia.

\*including the independent cities of Chesapeake, Hampton, Newport News, Norfolk, Portsmouth, Poquoson, Suffolk and Virginia Beach

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects & railroad construction; bascule, suspension & spandrel arch bridges designed for commercial navigation, bridges involving marine construction; and other major bridges).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.60 for calendar year 2019 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.60 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2019. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

Modification Number	Publication Date
0	01/04/2019

ELEC0080-011 06/01/2018

	Rates	Fringes
ELECTRICIAN, Includes Traffic Signalization.....	\$ 27.94	12.56%+6.95

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SUVA2016-080 07/02/2018

	Rates	Fringes
CARPENTER, Includes Form Work....	\$ 20.21	0.00
CEMENT MASON/CONCRETE FINISHER...	\$ 16.03	0.00
IRONWORKER, REINFORCING.....	\$ 24.03	0.00
IRONWORKER, STRUCTURAL.....	\$ 27.38	0.00
LABORER: Asphalt, Includes Raker, Shoveler, Spreader and Distributor.....	\$ 18.62	2.62
LABORER: Common or General.....	\$ 14.85	0.00
LABORER: Grade Checker.....	\$ 14.88	0.00
LABORER: Pipelayer.....	\$ 17.76	0.00
LABORER: Power Tool Operator....	\$ 15.69	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 20.74	0.00
OPERATOR: Bobcat/Skid Steer/Skid Loader.....	\$ 19.16	4.45
OPERATOR: Broom/Sweeper.....	\$ 17.40	2.01
OPERATOR: Crane.....	\$ 24.42	4.69
OPERATOR: Drill.....	\$ 24.66	0.00

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

OPERATOR: Gradall.....	\$ 19.26	0.00
OPERATOR: Grader/Blade.....	\$ 23.21	0.00
OPERATOR: Hydroseeder.....	\$ 16.64	0.00
OPERATOR: Loader.....	\$ 17.86	0.00
OPERATOR: Mechanic.....	\$ 21.43	0.00
OPERATOR: Milling Machine.....	\$ 23.12	3.60
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 20.12	3.81
OPERATOR: Piledriver.....	\$ 21.83	4.08
OPERATOR: Roller.....	\$ 21.32	0.00
OPERATOR: Screed.....	\$ 22.13	4.89
OPERATOR: Asphalt Spreader and Distributor.....	\$ 19.09	1.81
OPERATOR: Bulldozer, Including Utility.....	\$ 19.43	0.00
TRAFFIC CONTROL: Flagger.....	\$ 12.89	0.00
TRUCK DRIVER : HEAVY 7CY & UNDER.....	\$ 15.53	0.00
TRUCK DRIVER: 1/Single Axle Truck.....	\$ 18.26	4.88
TRUCK DRIVER: Fuel and Lubricant Service.....	\$ 18.25	0.00
TRUCK DRIVER: HEAVY OVER 7 CY.....	\$ 16.98	0.00
TRUCK DRIVER: MULTI AXLE.....	\$ 18.77	4.63

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**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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END OF GENERAL DECISION

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

General Decision Number: VA190196 01/04/2019 VA196

Superseded General Decision Number: VA20180207

State: Virginia

Construction Type: Highway

Counties: King William and Sussex Counties in Virginia.

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects & railroad construction; bascule, suspension & spandrel arch bridges designed for commercial navigation, bridges involving marine construction; and other major bridges).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.60 for calendar year 2019 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.60 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2019. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).



**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

Modification Number	Publication Date
0	01/04/2019

ELEC0080-011 06/01/2018

	Rates	Fringes
ELECTRICIAN, Includes Traffic Signalization.....	\$ 27.94	12.56%+6.95
<hr style="border-top: 1px dashed black;"/>		

SUVA2016-081 07/02/2018

	Rates	Fringes
CARPENTER, Includes Form Work....	\$ 19.22	0.00
CEMENT MASON/CONCRETE FINISHER...	\$ 16.03	0.00
IRONWORKER, REINFORCING.....	\$ 20.80	0.00
IRONWORKER, STRUCTURAL.....	\$ 27.38	0.00
LABORER: Asphalt, Includes Raker, Shoveler, Spreader and Distributor.....	\$ 19.21	2.82
LABORER: Common or General.....	\$ 15.47	0.00
LABORER: Grade Checker.....	\$ 14.88	0.00
LABORER: Pipelayer.....	\$ 17.76	0.00
LABORER: Power Tool Operator....	\$ 15.69	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 18.31	2.91
OPERATOR: Bobcat/Skid Steer/Skid Loader.....	\$ 19.16	4.45
OPERATOR: Broom/Sweeper.....	\$ 17.40	2.01
OPERATOR: Crane.....	\$ 24.42	4.69
OPERATOR: Drill.....	\$ 24.66	0.00
OPERATOR: Gradall.....	\$ 19.26	0.00

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

OPERATOR: Grader/Blade.....	\$ 23.21	0.00
OPERATOR: Hydroseeder.....	\$ 16.64	0.00
OPERATOR: Loader.....	\$ 17.17	0.00
OPERATOR: Mechanic.....	\$ 21.43	0.00
OPERATOR: Milling Machine.....	\$ 23.12	3.60
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 20.32	0.00
OPERATOR: Piledriver.....	\$ 21.83	4.08
OPERATOR: Roller (Finishing)....	\$ 19.05	1.29
OPERATOR: Roller.....	\$ 21.69	0.00
OPERATOR: Screed.....	\$ 22.13	4.89
OPERATOR: Asphalt Spreader and Distributor.....	\$ 19.09	1.81
OPERATOR: Bulldozer, Including Utility.....	\$ 18.22	2.69
TRAFFIC CONTROL: Flagger.....	\$ 12.89	0.00
TRUCK DRIVER : HEAVY 7CY & UNDER.....	\$ 15.53	0.00
TRUCK DRIVER: Fuel and Lubricant Service.....	\$ 18.25	0.00
TRUCK DRIVER: HEAVY OVER 7 CY.....	\$ 16.98	0.00
TRUCK DRIVER: Single & Multi Axle.....	\$ 18.23	0.00

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WELDERS - Receive rate prescribed for craft performing  
operation to which welding is incidental.

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**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

Union Rate Identifiers

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Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

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**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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END OF GENERAL DECISION

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

U.S. DEPARTMENT OF LABOR  
OFFICE OF THE SECRETARY  
WASHINGTON  
**DECISION OF THE SECRETARY**

This case is before the Department of Labor pursuant to a request for a wage predetermination as required by law applicable to the work described.

A study has been made of wage conditions in the locality and based on information available to the Department of Labor the wage rates and fringe payments listed are hereby determined by the Secretary of Labor as prevailing for the described classes for labor in accordance with applicable law.

This wage determination decision and any modifications thereof during the period prior to the stated expiration date shall be made a part of every contract for performance of the described work as provided by applicable law and regulations of the Secretary of Labor, and the wage rates and fringe payments contained in this decision, including modifications, shall be the minimums to be paid under any such contract and subcontractors on the work.

The Contracting Officer shall require that any class of laborers and mechanics which is not listed in the wage determination and which is to be employed under the Contract, shall be classified or reclassified conformably to the wage determination, and a report of the action taken shall be sent by the Federal agency to the Secretary of Labor. In the event the interested parties cannot agree on the proper classification or reclassification of a particular class of laborers and mechanics to be used, the question accompanied by the recommendation of the Contracting Officer shall be referred to the Secretary for determination.

Before using apprentices on the job the contractor shall present to the Contracting Officer written evidence of registration of such employees in a program of a State apprenticeship and training agency approved and recognized by the U.S. Bureau of Apprenticeship and Training. In the absence of such a State agency, the Contractor shall submit evidence of approval and registration by the U.S. Bureau of Apprenticeship and Training.

The Contractor shall submit to the Contracting Officer written evidence of the established apprentice-journeyman ratios and wage in the project area, which will be the basis for establishing such ratios and rates for the project under the applicable contract provisions.

Fringe payments include medical and hospital care, compensation for injuries or illness resulting from occupational activity, unemployment benefits, life insurance, disability and sickness insurance, accident insurance (all designated as health and welfare), pensions, vacation and holiday pay, apprenticeship or other similar programs and other bona fide fringe benefits.

By direction of the Secretary of Labor

A handwritten signature in black ink, appearing to read "E. Irving Manger", is written over a horizontal line.

E. Irving Manger, Associate Administrator  
Division of Wage Determinations  
Wage and Labor Standards Administration

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

**SP0F0-000130-00**

May 1, 2012; Reissued July 12, 2016  
FHWA-1273 (Electronic Version)

The following Form **FHWA-1273** titled **REQUIRED CONTRACT PROVISIONS, FEDERAL-AID CONSTRUCTION CONTRACTS** shall apply to this contract:

FHWA-1273 – Revised May 1, 2012

**REQUIRED CONTRACT PROVISIONS**  
**FEDERAL-AID CONSTRUCTION CONTRACTS**

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

**ATTACHMENTS**

- A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

**I. GENERAL**

- 1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The Contractor (or Subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the Contract by the Contractor's own organization and with the assistance of workers under the Contractor's immediate superintendence and to all work performed on the Contract by piecework, station work, or by subcontract.
3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the Contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.
4. Selection of Labor: During the performance of this contract, the Contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

## **II. NONDISCRIMINATION**

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the Contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.



**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

1. **Equal Employment Opportunity:** Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the Contractor's project activities under this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the Contractor agrees to comply with the following minimum specific requirement activities of EEO:
  - a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the Contract.
  - b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."
2. **EEO Officer:** The contractor will designate and make known to the Contracting Officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.
3. **Dissemination of Policy:** All members of the Contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the Contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:
  - a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the Contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.
  - b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the Contractor's EEO obligations within thirty days following their reporting for duty with the Contractor.
  - c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the Contractor's procedures for locating and hiring minorities and women.
  - d. Notices and posters setting forth the Contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

- e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

- 4. **Recruitment:** When advertising for employees, the Contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the Contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the Contractor for employment consideration.

In the event the Contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the Contractor is expected to observe the provisions of that agreement to the extent that the system meets the Contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the Contractor to do the same, such implementation violates Federal nondiscrimination provisions.

The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

- 5. **Personnel Actions:** Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

- a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.
- b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.
- c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the Contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

**ORDER NO.: B50**  
**CONTRACT ID. NO.: C00114881N01**

- d. The contractor will promptly investigate all complaints of alleged discrimination made to the Contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the Contractor will inform every complainant of all of their avenues of appeal.

**6. Training and Promotion:**

- a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.
- b. Consistent with the Contractor's work force requirements and as permissible under Federal and State regulations, the Contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).
- c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.
- d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

**7. Unions:** If the Contractor relies in whole or in part upon unions as a source of employees, the Contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the Contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

- a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.
- b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.
- c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the Contractor, the Contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.
- d. In the event the union is unable to provide the Contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the

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Contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the Contractor from the requirements of this paragraph. In the event the union referral practice prevents the Contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. **Reasonable Accommodation for Applicants / Employees with Disabilities:** The contractor must be familiar with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.
9. **Selection of Subcontractors, Procurement of Materials and Leasing of Equipment:** The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.
  - a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.
  - b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.
10. **Assurance Required by 49 CFR 26.13(b):**
  - a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.
  - b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the Contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

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- 11. Records and Reports:** The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the Contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.
- a. The records kept by the Contractor shall document the following:
    - (1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;
    - (2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and
    - (3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;
  - b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on [Form FHWA-1391](#). The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the Contractor will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

**III. NONSEGREGATED FACILITIES**

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the Contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

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**IV. Davis-Bacon and Related Act Provisions**

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

**1. Minimum wages**

- a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the Contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the Contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

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- b. (1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the Contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:
- (I) The work to be performed by the classification requested is not performed by a classification in the wage determination; and
  - (II) The classification is utilized in the area by the construction industry; and
  - (III) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.
- (2) If the Contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the Contracting Officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the Contracting Officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the Contracting Officer or will notify the Contracting Officer within the 30-day period that additional time is necessary.
- (3) In the event the Contractor, the laborers or mechanics to be employed in the classification or their representatives, and the Contracting Officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the Contracting Officer shall refer the questions, including the views of all interested parties and the recommendation of the Contracting Officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the Contracting Officer or will notify the Contracting Officer within the 30-day period that additional time is necessary.
- (4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.
- c. Whenever the minimum wage rate prescribed in the Contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the Contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

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- d. If the Contractor does not make payments to a trustee or other third person, the Contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the Contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the Contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

**2. Withholding**

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the Contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the Contractor or any subcontractor the full amount of wages required by the Contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the Contract, the contracting agency may, after written notice to the Contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

**3. Payrolls and basic records**

- a. Payrolls and basic records relating thereto shall be maintained by the Contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the Contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.



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- b. (1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee ( e.g. , the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency.
- (2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the Contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the Contract and shall certify the following:
- (I) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;
  - (II) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the Contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;
  - (III) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the Contract.
- (3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.
- (4) The falsification of any of the above certifications may subject the Contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

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- c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the Contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the Contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

**4. Apprentices and trainees**

- a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the Contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the Contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

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In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the Contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the Contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

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5. **Compliance with Copeland Act requirements.** The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.
6. **Subcontracts.** The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.
7. **Contract termination: debarment.** A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the Contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.
8. **Compliance with Davis-Bacon and Related Act requirements.** All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.
9. **Disputes concerning labor standards.** Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the Contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.
10. **Certification of eligibility.**
  - a. By entering into this contract, the Contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the Contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
  - b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
  - c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

**V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT**

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. **Overtime requirements.** No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
2. **Violation; liability for unpaid wages; liquidated damages.** In the event of any violation of the clause set forth in paragraph (1.) of this section, the Contractor and any

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subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. **Withholding for unpaid wages and liquidated damages.** The FHWA or the contacting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the Contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.
4. **Subcontracts.** The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

**VI. SUBLETTING OR ASSIGNING THE CONTRACT**

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the Contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the Contractor's own organization (23 CFR 635.116).
  - a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

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- (1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;
    - (2) the prime contractor remains responsible for the quality of the work of the leased employees;
    - (3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and
    - (4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.
  - b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the Contract as a whole and in general are to be limited to minor components of the overall contract.
2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the Contractor under the contract provisions.
  3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the Contracting Officer determines is necessary to assure the performance of the Contract.
  4. No portion of the Contract shall be sublet, assigned or otherwise disposed of except with the written consent of the Contracting Officer, or authorized representative, and such consent when given shall not be construed to relieve the Contractor of any responsibility for the fulfillment of the Contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.
  5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

**VII. SAFETY: ACCIDENT PREVENTION**

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the Contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the Contracting Officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the Contract.

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2. It is a condition of this contract, and shall be made a condition of each subcontract, which the Contractor enters into pursuant to this contract, that the Contractor and any subcontractor shall not permit any employee, in performance of the Contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).
3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

**VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS**

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

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**IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT**

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.
2. That the Contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

**X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION**

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

**1. Instructions for Certification – First Tier Participants:**

- a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.
- b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.
- c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.
- d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
- e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered



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Transactions” refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). “Lower Tier Covered Transactions” refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). “First Tier Participant” refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). “Lower Tier Participant” refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

- f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.
- g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.
- h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.
- i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

\* \* \* \* \*

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**2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:**

- a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:
  - (1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;
  - (2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  - (3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and
  - (4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

**3. Instructions for Certification - Lower Tier Participants:**

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

- a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.
- b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
- c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

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- d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).
- e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
- f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.
- g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.
- h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

\* \* \* \* \*

**Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--  
Lower Tier Participants:**

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1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.
2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

\* \* \* \* \*

**XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING**

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:
  - a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
  - b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.
3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

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SP0F0-000150-01

July 17, 2017

VIRGINIA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION FOR  
**NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE  
EQUAL EMPLOYMENT OPPORTUNITY (EXECUTIVE ORDER 11246)**

1. The Offeror's or Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth herein.
2. The goals for female and minority participation, expressed in percentage terms of the Contractor's aggregate work force in each trade on all construction works in the covered area, are as follows:

Females- 6.9%

Minorities - See Attachment "A"

The goals are applicable to all the Contractor's construction work performed in the covered area, whether or not it is Federal or federally assisted. If the Contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the Contractor also is subject to the goals for both its federally involved and non-federally involved construction.

The Contractor's compliance with the Executive Order and the regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications, set forth in 41 CFR 60-4.3(a), and its efforts to meet the goals established herein. The hours of minority and female employment and training must be substantially uniform throughout the length of the Contract, and in each trade, and the Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the Contract, the Executives Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within 10 working days the award of any construction subcontract in excess of \$10,000 at any tier for construction works under this contract. The notification shall list the name, address and telephone number of the subcontractor, employer identification number, estimated dollar amount of the subcontract, estimated starting and completion dates of the subcontract and the geographical area in which the Contract is to be performed.

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**STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY**  
**CONSTRUCTION CONTRACT SPECIFICATIONS (EXECUTIVE ORDER 11246)**

1. As, used in this provision:
  - a. "Covered area" means the geographical area described in the solicitation from which this contract resulted;
  - b. "Director" means Director, Office of Federal Contract Compliance Programs, United States Department of Labor, or any person to whom the Director delegates authority;
  - c. "Employer identification number" means the Federal Social Security number used on the Employer's Quarterly Federal Tax Return, U. S. Treasury Department Form 941;
  - d. "Minority" includes:
    - (i) Black (all persons having origins in any of the Black African racial groups not of Hispanic origin);
    - (ii) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish Culture or origin, regardless of race);
    - (iii) Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands); and
    - (iv) American Indian or Alaskan Native (all persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification).
2. Whenever the Contractor, or any Subcontractor at any tier, subcontracts a portion of the work involving any construction trade, it shall physically include in each subcontract in excess of \$10,000 the provisions of these specifications and the Notice which contains the applicable goals for minority and female participation.
3. If the Contractor is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan approved by the U. S. Department of Labor in the covered area either individually or through an association, its affirmative action obligations on all work in the Plan area (including goals and timetables) shall be in accordance with that Plan for those trades which have unions participating in the Plan. Contractors must be able to demonstrate their participation in and compliance with the provisions of any such Hometown Plan. Each Contractor or Subcontractor participating in an approved Plan is individually required to comply with its obligations under the EEO clause, and to make a good faith effort to achieve each goal under the Plan in each trade in which it has employees. The overall good faith performance by other Contractors and Subcontractors toward a goal in an approved Plan does not excuse any covered Contractor's or Subcontractor's failure to take good faith efforts to achieve the Plan goals and timetables.
4. The Contractor shall implement the specific affirmative action standards provided in paragraphs 7 a through p of these specifications. The goals set forth in the solicitation from which this contract resulted are expressed as percentages of the total hours of employment and training of minority and female utilization the Contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. Covered construction Contractors performing construction work in geographical areas where they do not have a Federal or federally assisted construction contract shall apply the minority and female goals established for the geographical area where the work is being performed. Goals are published periodically in the Federal Register in notice form, and such notices may be obtained from any Office of Federal Contract Compliance Programs office or from Federal procurement contracting officers. The Contractor is expected to make substantially uniform progress in meeting its goals in each craft during the period specified.

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5. Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom the Contractor has a collective bargaining agreement, to refer either minorities or women shall excuse the Contractor's obligations under these specifications, Executive Order 11246, or the regulations promulgated pursuant thereto.
6. In order for the nonworking training hours of apprentices and trainees to be counted in meeting the goals, such apprentices and trainees must be employed by the Contractor during the training period, and the Contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees must be trained pursuant to training programs approved by the U. S. Department of Labor.
7. The Contractor shall take specific affirmative actions to ensure equal employment opportunity. The evaluation of the Contractor's compliance with these specifications shall be based upon its effort to achieve maximum results from its actions. The Contractor shall document these efforts fully, and shall implement affirmative action steps at least as extensive as the following:
  - a. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the Contractor's employees are assigned to work. The Contractor, where possible, shall assign two or more women to each construction project. The Contractor shall specifically ensure that all foreman, superintendents and other on-site supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites in such facilities.
  - b. Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.
  - c. Maintain a current file of the names, addresses and telephone numbers of each minority and female off the street applicant and minority or female referral from a union, a recruitment source or community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the Contractor by the union, or if referred, not employed by the Contractor, this shall be documented in the file with the reason therefore, along with whatever additional actions the Contractor may have taken.
  - d. Provide immediate written notification to the Director when the union or unions which the Contractor has a collective bargaining agreement has not referred to the Contractor a minority person or women sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.
  - e. Develop on-the-job training opportunities and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs funded or approved by the Department of Labor. The Contractor shall provide notice of these programs to the sources complied under 7b above.
  - f. Disseminate the Contractor's EEO policy by providing notice of the policy to unions and training programs and requesting their cooperation in assisting the Contractor in meeting its EEO obligations; by including it in any policy manual and collective bargaining agreement; by publicizing it in the company newspaper or annual report; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.

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- g. Review, at least annually, the company's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignment, layoff, termination, or other employment decisions including specific review of these items with onsite supervisory personnel such as Superintendents and General Foremen prior to the initiation of construction work at any job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed and disposition of the subject matter.
- h. Disseminate the Contractor's EEO policy externally by including in any news media advertisement that the Contractor is "An Equal Opportunity Employer" for minority and female, and providing written notification to and discussing the Contractor's EEO policy with other Contractors and Subcontractors with whom the Contractor does or anticipates doing business.
- i. Directs its recruitment efforts, both oral and written, to minority, female and community organizations, to schools with minority and female students and to minority and recruitment and training organizations serving the Contractor's recruitment area and employment needs. Not later than one month prior to the date for the acceptance of applications for apprenticeship or other training by recruitment source, the Contractor shall send written notification to organizations such as the above, describing the openings, screening procedures and tests to be used in the selection process.
- j. Encourage present minority and female employees to recruit other minority persons and women and, where reasonable, provide after school, summer and vacation employment to minority and female youth both on the site and in other areas of Contractor's workforce.
- k. Validate all tests and other selection requirements where there is an obligation to do so under 41 CFR Part 60-3.
- l. Conduct, at least annually, an inventory and evaluation of all minority and female personnel for promotional opportunities and encourage these employees to seek or to prepare for such opportunities through appropriate training or other means.
- m. Ensure that seniority practices, job classifications, work assignments and other personnel practices, do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the EEO policy and the Contractor's obligations under these specifications are being carried out.
- n. Ensure that all facilities and company activities are nonsegregated, except that separate or single-user toilet and necessary changing facilities shall be provided to assure privacy between the sexes.
- o. Document and maintain a record of all solicitations of offers for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.
- p. Conduct a review, at least annually, of all supervisors' adherence to and performance under the Contractor's EEO policies and affirmative action obligations.



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8. Contractors are encouraged to participate in voluntary associations which assist in fulfilling one or more of their affirmative action obligations (7a through p). The efforts of a contractor association, joint contractor-union, contractor-community, or other similar group of which the Contractor is a member and participant, may be asserted as fulfilling any one or more of its obligations under 7a through p of these Specifications provided that the Contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensures that the concrete benefits of the program are reflected in the Contractor's minority and female workforce participation, makes a good faith effort to meet its individual goals and timetables and can provide access to documentation which demonstrates the effectiveness of actions taken on behalf of the Contractor. The obligation to comply, however, is the Contractor's and failure of such a group to fulfill an obligation shall not be a defense for the Contractor's noncompliance.
9. Goals for women have been established. However, the Contractor IS required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female and all women, both minority and non-minority. Consequently, the Contractor may be in violation of the Executive Order if a particular group is employed in a substantially disparate manner, that is even though the Contractor has achieved its goals for women, the Contractor may be in violation of the Executive Order if a specific minority group of women is underutilized.
10. The Contractor shall not use the goals and timetables or affirmative action standards to discriminate against any person because of race, color, religion, sex, sexual orientation, gender identity, or national origin.
11. The Contractor shall not enter into any Subcontract with any person or firm debarred from Government contracts pursuant to Executive Order 11246.
12. The Contractor shall carry out such sanctions and penalties for violation of these specifications and the Equal Opportunity Clause, including suspension, termination and cancellation of existing subcontracts as may be imposed or ordered pursuant to Executive Order 11246, as amended, and its implementing regulations by the Office of Federal Contract Compliance Programs. Any Contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Executive Order 11246, as amended.
13. The Contractor, in fulfilling its obligations under these specifications shall implement specific affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of these specifications, so as to achieve maximum results from its efforts to ensure equal employment opportunity. If the Contractor fails to comply with the requirements of the Executive Order, the implementing regulations, or these specifications, the Director will proceed in accordance with 41 CFR 60-4.8.
14. The Contractor shall designate and make known to the Department a responsible official as the EEO Officer to monitor all employment related activity, to ensure that the company EEO policy is being carried out, to submit reports relating to the provisions hereof as may be required by the Government and to keep records. Records shall at least include for each employee the name, address, telephone numbers, construction trade, union affiliation if any, employee identification number when assigned, social security number, race, sex, status (e.g., mechanic, apprentice, trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in an easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, Contractors will not be required to maintain separate records.
15. Nothing herein provided shall be construed as a limitation upon the application of other laws which establish different standards of compliance or upon the application of requirements for the hiring of local or other area residents (e.g., those under the Public Works Employment Act of 1977 and the Community Development Block Grant Program).

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**ATTACHMENT A**

<u>Economic Area</u>	<u>Goal (Percent)</u>
Virginia:	
021 Roanoke-Lynchburg, VA	
SMSA Counties:	
4640 Lynchburg, VA .....	19.3
VA Amherst; VA Appomattox; VA Campbell; VA Lynchburg	
6800 Roanoke, VA .....	10.2
VA Botetourt; VA Craig; VA Roanoke; VA Roanoke City; VA Salem	
Non-SMSA Counties .....	12.0
VA Alleghany; VA Augusta; VA Bath; VA Bedford; VA Bland; VA Carroll;	
VA Floyd; VA Franklin; VA Giles; VA Grayson; VA Henry; VA Highland;	
VA Montgomery; VA Nelson; VA Patrick; VA Pittsylvania; VA Pulaski;	
VA Rockbridge; VA Rockingham; VA Wythe; VA Bedford City; VA Buena	
Vista:	
VA Clifton Forge; VA Covington; VA Danville; VA Galax; VA Harrisonburg;	
VA Lexington; VA Martinsville; VA Radford; VA Staunton; VA Waynesboro;	
WV Pendleton.	
022 Richmond, VA	
SMSA Counties:	
6140 Petersburg - Colonial Heights - Hopewell, VA .....	30.6
VA Dinwiddie; VA Prince George; VA Colonial Heights; VA Hopewell;	
VA Petersburg.	
6760 Richmond, VA .....	24.9
VA Charles City; VA Chesterfield; VA Goochland, VA Hanover; VA	
Henrico; VA New Kent; VA Powhatan; VA Richmond.	
Non-SMSA Counties .....	27.9
VA Albemarle; VA Amelia; VA Brunswick; VA Buckingham, VA Caroline;	
VA Charlotte; VA Cumberland; VA Essex; VA Fluvanna; VA Greene; VA	
Greensville; VA Halifax; VA King and Queen; VA King William; VA	
Lancaster; VA Louisa; VA Lunenburg; VA Madison; VA Mecklenburg; VA	
Northumberland; VA Nottoway; VA Orange; VA Prince Edward; VA Richmond	
VA Sussex; VA Charlottesville; VA Emporia; VA South Boston	
023 Norfolk - Virginia Beach - Newport News VA:	
SMSA Counties:	
5680 Newport News- Hampton, VA .....	27.1
VA Gloucester; VA James City; VA York; VA Hampton; VA Newport	
News; VA Williamsburg.	
5720 Norfolk - Virginia Beach - Portsmouth, VA - NC .....	26.6
NC Currituck; VA Chesapeake; VA Norfolk; VA Portsmouth; VA	
Suffolk; VA Virginia Beach.	
Non-SMSA Counties .....	29.7
NC Bertie; NC Camden; NC Chowan; NC Gates; NC Hertford;	
NC Pasquotank; NC Perquimans; VA Isle of Wight; VA Matthews;	
VA Middlesex; VA Southampton; VA Surry; VA Franklin.	
Washington, DC:	
020 Washington, DC.	
SMSA Counties:	
8840 Washington, DC - MD - VA .....	28.0
DC District of Columbia; MD Charles; MD Montgomery MD Prince	
Georges; VA Arlington; VA Fairfax; VA Loudoun; VA Prince William	
VA Alexandria; VA Fairfax City; VA Falls Church.	

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Non- SMSA Counties .....	25.2
MD Calvert; MD Frederick; MD St. Marys; MD Washington; VA Clarke; VA Culpeper; VA Fauquier; VA Frederick; VA King George; VA Page; VA Rappahannock; VA Shenandoah; VA Spotsylvania; VA Stafford; VA Warren; VA Westmoreland; VA Fredericksburg; VA Winchester WV Berkeley; WV Grant; WV Hampshire; WV Hardy; WV Jefferson; WV Morgan.	
Tennessee:	
052 Johnson City - Kingsport - Bristol, TN - VA	
SMSA Counties:	
3630 Johnson City - Kingsport -Bristol, TN-VA .....	2.6
TN Carter; TN Hawkins; TN Sullivan; TN Washington; VA Scott: VA Washington; VA Bristol.	
Non-SMSA Counties .....	3.2
TN Greene; TN Johnson; VA Buchanan; VA Dickenson; VA Lee; VA Russell; VA Smyth; VA Tazewell; VA Wise; VA Norton; WV McDowell; WV Mercer.	
Maryland:	
019 Baltimore MD	
Non-SMSA Counties .....	23.6
MD Caroline; MD Dorchester; MD Kent; MD Queen Annes; MD Somerset; MD Talbot; MD Wicomico; MD Worchester; VA Accomack; VA Northampton.	

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[SP102-000510-02](#)

VIRGINIA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION FOR  
**USE OF DOMESTIC MATERIAL**

December 19, 2018

**SECTION 102.05 PREPARATION OF BID** of the Specifications is amended to include the following:

In accordance with the provisions of Section 635.410(b) of Title 23 CFR, hereinafter referred to as "Buy America", except as otherwise specified, all iron and steel (including miscellaneous items such as fasteners, nuts, bolts and washers) to be permanently incorporated for use on federal aid projects shall be produced in the United States of America. This applies to any iron or steel item brought onto the project, regardless of the percentage of iron or steel that exists in the pay item or in the final form they take; however, electrical components (i.e., combination products such as signal controllers and similar products which are only sold as a unit) are not subject to Buy America provisions if the product as purchased by the Contractor is less than 50% steel and iron. "Produced in the United States of America" means all manufacturing processes occur in one of the 50 United States, the District of Columbia, Puerto Rico or in the territories and possessions of the United States. "Manufacturing processes" are defined as any process which alters or modifies the chemical content, physical size or shape, or final finish of iron or steel material (such as rolling, extruding, bending, machining, fabrication, grinding, drilling, finishing, or coating). For the purposes of satisfying this requirement "coating" is defined as the application of epoxy, galvanizing, painting or any other such process that protects or enhances the value of the material to which the coating is applied. Non-iron and non-steel materials used in the coating process do not need to be produced in the United States as long as the application of the coating occurred in the United States. The manufacturing process is considered complete when the resultant product is ready for use as an item in the project (e.g. fencing, posts, girders, pipe, manhole covers, etc.) or is incorporated as a component of a more complex product by means of further manufacturing. Final assembly of a product may occur outside of the United States of America provided no further manufacturing processes take place.

For the purposes of this provision, all steel or iron material meeting the criteria as produced in the United States of America will be considered as "Domestic Material." All iron and steel items not meeting the criteria as produced in the United States of America will be considered "Non-Domestic Material."

A minimal amount of "Non-Domestic" steel or iron material may be incorporated in the permanent work on a federal-aid contract provided that the cost of such materials or products does not exceed one-tenth of one percent of the Contract amount or \$2500, whichever is greater. The cost of the "Non-Domestic Material" is defined as its monetary value delivered to the job site and supported by invoices or bill of sale to the Contractor. This delivered-to-site cost must include transportation, assembly, installation and testing.

Buy America provisions do not apply to iron or steel products used temporarily in the construction of a project such as temporary sheet piling, temporary bridges, steel scaffolding, falsework or such temporary material or product or material that remains in place for the Contractor's convenience.

Raw materials such as iron ore, pig iron, processed, pelletized and reduced iron ore, waste products (including scrap, that is, steel or iron no longer useful in its present form from old automobiles, machinery, pipe, railroad rail, or the like and steel trimmings from mills or product manufacturing) and other raw materials used in the production of steel and/or iron products may, however, be imported. Extracting, handling, or crushing the raw materials which are inherent to the transporting the materials for later use in the manufacturing process are exempt from Buy America.

Any items containing foreign source steel or iron billet shall be considered "Non-Domestic Materials." Additionally, iron or steel ingots or billets produced in the United States, but shipped outside the United

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States of America for any manufacturing process and returned for permanent use in a project shall be considered "Non-Domestic Materials."

**Waivers:**

The process for receiving a waiver for Buy America provisions is identified in 23 CFR 635.410(c). The Contractor shall not anticipate that any Buy America provisions will be waived.

**Certification of Compliance:**

The Contractor is required to submit a Certificate of Compliance prior to incorporating any items containing iron or steel items into the project. This shall be accomplished by the Contractor submitting the Form C-76 Certificate of Compliance to the Department when the items are delivered to the project site. The Certification of Compliance will certify whether the items are considered "Domestic Material" or "Non-Domestic Material" as referenced in this Special Provision. The certificate must be signed and dated by the Prime Contractor's Superintendent and include a Buy America Submittal Number. The Buy America Submittal Number is simply the Contractor's project specific sequential numbering system that will allow the Contractor and Department to track the total number of certificates provided and the individual items containing iron or steel associated with each certificate.

**Supporting Documentation:**

Supporting documentation to demonstrate compliance with Buy America provisions (such as mill test reports manufacturer/supplier certifications, etc.) shall be organized by Buy America Submittal Number and maintained by the Contractor from the date of delivery until three years after project acceptance. The Contractor may maintain this documentation electronically or in paper format.

The Department or FHWA may review the Contractor's supporting documentation to verify compliance with the Buy America provisions at any time. Supporting documentation shall be provided within five business days of the request. The burden of proof to meet the Buy America provisions rests with the Contractor. If the supporting documentation does not undeniably demonstrate to FHWA or the Department that the "Domestic Materials" identified in the Certificates of Compliance were produced in the United States of America, then the Department may deduct payment from moneys due the Contractor for the value of the iron and steel that did not meet the Buy America provisions.

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SP105-000100-00

VIRGINIA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION FOR  
**INFORMAL PARTNERING**

January 14, 2008c; Reissued July 12, 2016

**I. DECLARATION AND DESCRIPTION**

The Virginia Department of Transportation (VDOT) is firmly committed to the formation of a partnering relationship with the Contractor, all subcontractors, suppliers, FHWA representatives; where appropriate, other federal agencies, local government officials, utilities representatives, law enforcement and public safety officials, consultants, and other stakeholders to effectively and efficiently manage and complete each construction or maintenance contract to the mutual and individual benefits and goals of all parties. Partnering is an approach to fulfilling this commitment where all parties to the contract, as well as individuals and entities associated with or otherwise affected by the contract, willingly agree to dedicate themselves by working together as a team to fulfill and complete the construction or maintenance contract in cost effective ways while preserving the highest standards of safety and quality called for by the Contract combined with the goals of on time/on budget completion. The approach must still allow for the fact that the members of the team share many common interests yet have differing authorities, interests, and objectives that must be accommodated for the project to be viewed as successful by all parties. It is recognized by VDOT that partnering is a relationship in which:

- Trust and open communications are encouraged and expected by all participants
- All parties move quickly to address and resolve issues at the lowest possible level by approaching problems from the perspectives and needs of all involved
- All parties have identified common goals and at the same time respect each other's individual goals and values
- Partners create an atmosphere conducive to cooperation and teamwork in finding better solutions to potential problems and issues at hand

**II. INFORMAL PARTNERING STRUCTURE**

It is the business intent of the Department that **informal** partnering will be required on **this** project, whereby the spirit and principles of partnering are practiced from onsite field personnel to executive level owners and employees. The VDOT Field Guide to Partnering available on the VDOT website <http://www.virginiadot.org/business/resources/partnerfinalallowres.pdf> will be the standard reference guide utilized to structure and guide partnering efforts. This guide will be systematically evaluated to incorporate better practices as our partnering efforts evolve. Of particular note is the need for effective and responsive communication between parties to the partnering relationship as emphasized in Section 105.03(d) of the Specifications.

Informal partnering need not require the services of a professional facilitator and may be conducted by the actual partnering participants themselves. Informal partnering, and more specifically the Partnering Charter, will not change the legal relationship of the parties to the Contract nor relieve either party from any of the terms of the Contract.

**III. PROCEDURES**

The following are general procedures for informal partnering and are not to be considered as inclusive or representative of procedural requirements for all projects. Participants shall consult the VDOT Field Guide for Partnering for assistance in developing specific guidelines to those efforts required for their individual projects.

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**Prior To Project Construction:** At least 5 days prior to or in connection with the preconstruction conference the Contractor shall attend a conference with the Engineer at which time he and the Engineer shall discuss the extent of the informal partnering efforts required for the project, how these have been accommodated in the Contractor's bid and the identity of expectations and stakeholders associated with the project. Informal partnering efforts require the Department and the Contractor to mutually choose a single person from among their collective staffs, or a trained facilitator to be responsible for leading all parties through the VDOT Field Guide to Partnering and any subsequent partnering efforts.

**Partnering Meetings During Project Construction:** In informal partnering efforts the Contractor shall provide a location for regularly scheduled partnering meetings during the construction period. Such meetings will be scheduled as deemed necessary by either party. The Contractor and VDOT will require the attendance of their key decision makers, including subcontractors and suppliers. Both the Contractor and VDOT shall also encourage the attendance of affected utilities, concerned businesses, local government and civic leaders or officials, residents, and consultants, which may vary at different times during the life of the Contract. The Department and the Contractor are to agree upon partnering invitees in advance of each meeting. Follow-up partnering workshops may be held throughout the duration of the project as deemed necessary by the Contractor and the Engineer.

**IV. MEASUREMENT AND PAYMENT**

**Informal Partnering**, because the extent to which certain partnering activities are pursued is at the Contractor's option, and may vary according to project complexity, work history between the parties, project duration, the Contractor's own unique methods, means, and schedule to execute and complete the work, etc.; will not be paid for as a separate bid item but all the costs associated with informal partnering efforts for the duration of the work shall be considered inclusive and incidental to the cost of other appropriate items.

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[SP107-001510-01](#)

VIRGINIA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION FOR  
**DBE REQUIREMENTS**

August 18, 2017

**SECTION 107 – LEGAL RESPONSIBILITIES** of the Specifications is revised as follows:

**Section 107.15 – Use of Small, Women-Owned, and Minority-Owned Business** is renamed **Use of Disadvantaged Business Enterprises (DBEs)** and replaced with the following:

**(a) Disadvantaged Business Enterprise (DBE) Program Requirements**

Any Contractor, subcontractor, supplier, DBE firm, and contract surety involved in the performance of work on a federal-aid contract shall comply with the terms and conditions of the United States Department of Transportation (USDOT) DBE Program as the terms appear in Part 26 of the Code of Federal Regulations (49 CFR as amended), the USDOT DBE Program regulations; and the Virginia Department of Transportation's (VDOT or the Department) Road and Bridge Specifications and DBE Program rules and regulations.

For the purposes of this provision, Contractor is defined as the Prime Contractor of the Contract; and sub-contractor is defined as any DBE supplier, manufacturer, or subcontractor performing work or furnishing material, supplies or services to the Contract. The Contractor shall physically include this same contract provision in every supply or work/service subcontract that it makes or executes with a subcontractor having work for which it intends to claim credit.

In accordance with 49 CFR Part 26 and VDOT's DBE Program requirements, the Contractor, for itself and for its subcontractors and suppliers, whether certified DBE firms or not, shall commit to complying fully with the auditing, record keeping, confidentiality, cooperation, and anti-intimidation or retaliation provisions contained in those federal and state DBE Program regulations. By bidding on this contract, and by accepting and executing this contract, the Contractor agrees to assume these contractual obligations and to bind the Contractor's subcontractors contractually to the same at the Contractor's expense.

The Contractor or subcontractor shall not discriminate on the basis of race, color, sex, sexual orientation, gender identity, or national origin in the performance of this contract. The Contractor shall carry out applicable requirements of 49 CFR Part 26 in the award, administration, and performance of this contract. Failure by the Contractor to carry out these requirements is a material breach of this contract, which will result in the termination of this contract or other such remedy, as VDOT deems appropriate.

All administrative remedies noted in this provision are automatic unless the Contractor exercises the right of appeal within the required timeframe(s) specified herein. Appeal requirements, processes, and procedures shall be in accordance with guidelines stated herein and current at the time of the proceedings. Where applicable, the Department will notify the Contractor of any changes to the appeal requirements, processes, and procedures after receiving notification of the Contractor's desire to appeal.

All time frames referenced in this provision are expressed in business days unless otherwise indicated. Should the expiration of any deadline fall on a weekend or holiday, such deadline will automatically be extended to the next normal business day.



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**(b) DBE Certification**

The only DBE firms eligible to perform work on a federal-aid contract for DBE contract goal credit are firms certified as Disadvantaged Business Enterprises by the Virginia Department of Small Business and Supplier Diversity (DSBSD) or the Metropolitan Washington Airports Authority (MWAA) in accordance with federal and VDOT guidelines. DBE firms must be certified in the specific work listed for DBE contract goal credit. A directory listing of certified DBE firms can be obtained from the Virginia Department of [Small Business and Supplier Diversity website: www.sbsd.virginia.gov](http://www.sbsd.virginia.gov).

**(c) Bank Services**

The Contractor and each subcontractor are encouraged to use the services of banks owned and controlled by socially and economically disadvantaged individuals. Such banking services and the fees charged for services typically will not be eligible for DBE Program contract goal credit. Such information is available from the VDOT's Internet Civil Rights Division website: [http://www.virginiadot.org/business/resources/Civil\\_Rights/VDOT\\_DB\\_E\\_Program\\_Plan.pdf](http://www.virginiadot.org/business/resources/Civil_Rights/VDOT_DB_E_Program_Plan.pdf)

**(d) DBE Program-Related Certifications Made by Bidders\Contractors**

By submitting a bid and by entering into any contract on the basis of that bid, the bidder/Contractor certifies to each of the following DBE Program-related conditions and assurances:

1. That the management and bidding officers of its firm agree to comply with the bidding and project construction and administration obligations of the USDOT DBE Program requirements and regulations of 49 CFR Part 26 as amended, and VDOT's Road and Bridge Specifications and DBE Program requirements and regulations.
2. Under penalty of perjury and other applicable penal law that it has complied with the DBE Program requirements in submitting the bid, and shall comply fully with these requirements in the bidding, award, and execution of the Contract.
3. To ensure that DBE firms have been given full and fair opportunity to participate in the performance of the Contract. The bidder certifies that all reasonable steps were, and will be, taken to ensure that DBE firms had, and will have, an opportunity to compete for and perform work on the Contract. The bidder further certifies that the bidder shall not discriminate on the basis of race, color, age, sex, sexual orientation, gender identity, or national origin in the performance of the Contract or in the award of any subcontract. Any agreement between a bidder and a DBE whereby the DBE promises not to provide quotations for performance of work to other bidders is prohibited.
4. As a bidder, good faith efforts were made to obtain DBE participation in the proposed contract at or above the goal for DBE participation established by VDOT. It has submitted as a part of its bid true, accurate, complete, and detailed documentation of the good faith efforts it performed to meet the Contract goal for DBE participation. The bidder, by signing and submitting its bid, certifies the DBE participation information submitted within the stated time thereafter is true, correct, and complete, and that the information provided includes the names of all DBE firms that will participate in the Contract, the specific line item(s) that each listed DBE firm will perform, and the creditable dollar amounts of the participation of each listed DBE. The specific line item must reference the VDOT line number and item number contained in the proposal.

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5. The bidder further certifies, by signing its bid, it has committed to use each DBE firm listed for the specific work item shown to meet the Contract goal for DBE participation. Award of the Contract will be conditioned upon meeting these and other listed requirements of 49 CFR Part 26.53 and the contract documents. By signing the bid, the bidder certifies on work that it proposes to sublet; it has made good faith efforts to seek out and consider DBEs as potential subcontractors. The bidder shall contact DBEs to solicit their interest, capability, and prices in sufficient time to allow them to respond effectively, and shall retain on file proper documentation to substantiate its good faith efforts. Award of the Contract will be conditioned upon meeting these and other listed requirements of 49 CFR Part 26.53 and the contract documents.
6. Once awarded the Contract, the Contractor shall make good faith efforts to utilize DBE firms to perform work designated to be performed by DBEs at or above the amount or percentage of the dollar value specified in the bidding documents. Further, the Contractor understands it shall not unilaterally terminate, substitute for, or replace any DBE firm that was designated in the executed contract in whole or in part with another DBE, any non-DBE firm, or with the Contractor's own forces or those of an affiliate of the Contractor without the prior written consent of VDOT as set out within the requirements of this provision.
7. Once awarded the contract, the Contractor shall designate and make known to the Department a liaison officer who is assigned the responsibility of administering and promoting an active and inclusive DBE program as required by 49 CFR Part 26 for DBEs. The designation and identity of this officer need be submitted only once by the Contractor during any twelve (12) month period at the preconstruction conference for the first contract the Contractor has been awarded during that reporting period. The Department will post such information for informational and administrative purposes at VDOT's Internet Civil Rights Division website.
8. Once awarded the Contract, the Contractor shall comply fully with all regulatory and contractual requirements of the USDOT DBE Program, and that each DBE firm participating in the Contract shall fully perform the designated work items with the DBE's own forces and equipment under the DBE's direct supervision, control, and management. Where a contract exists and where the Contractor, DBE firm, or any other firm retained by the Contractor has failed to comply with federal or VDOT DBE Program regulations and/or their requirements on that contract, VDOT has the authority and discretion to determine the extent to which the DBE contract regulations and/or requirements have not been met, and will assess against the Contractor any remedies available at law or provided in the Contract in the event of such a contract breach.
9. In the event a bond surety assumes the completion of work, if for any reason VDOT has terminated the prime Contractor, the surety shall be obligated to meet the same DBE contract terms and requirements as were required of the original prime Contractor in accordance with the requirements of this specification.

**(e) Disqualification of Bidder**

Bidders may be disqualified from bidding for failure to comply with the requirements of this Special Provision, the Contract specifications, and VDOT Road and Bridge Specifications.

**(f) Bidding Procedures**

The following bidding procedures shall apply to the Contract for DBE Program compliance purposes:

1. **Contract Goal, Good Faith Efforts Specified:** All bidders evidencing the attainment of DBE goal commitment equal to or greater than the required DBE goal established for the project

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must submit completed Form C-111, Minimum DBE Requirements, and Form C-48, Subcontractor/Supplier Solicitation and Utilization, as a part of the bid documents.

Form C-111 may be submitted electronically or may be faxed to the Department, but in no case shall the bidder's Form C-111 be received later than 10:00 a.m. the next business day after the time stated in the bid proposal for the receipt of bids. Form C-48 must be received within ten (10) business days after the bid opening.

If, at the time of submitting its bid, the bidder knowingly cannot meet or exceed the required DBE contract goal, it shall submit Form C-111 exhibiting the DBE participation it commits to attain as a part of its bid documents. The bidder shall then submit Form C-49, DBE Good Faith Efforts Documentation, within two (2) business days after the bid opening.

The lowest responsive and responsible bidder must submit its properly executed Form C-112, Certification of Binding Agreement, within three (3) business days after the bids are received. DBEs bidding as prime contractors are not required to submit Form C-112 unless they are utilizing other DBEs as subcontractors.

If, after review of the apparent lowest bid, VDOT determines the DBE requirements have not been met, the apparent lowest successful bidder must submit Form C-49, DBE Good Faith Efforts Documentation, which must be received by the Contract Engineer within two (2) business days after official notification of such failure to meet the aforementioned DBE requirements.

Forms C-48, C-49, C-111, and C-112 can be obtained from the VDOT website at:  
<http://vdotforms.vdot.virginia.gov/>

Instructions for submitting Form C-111 can be obtained from the VDOT website at:  
[http://www.virginiadot.org/business/resources/const/Exp\\_DBE\\_Commitments.pdf](http://www.virginiadot.org/business/resources/const/Exp_DBE_Commitments.pdf)

2. **Bid Rejection:** The failure of a bidder to submit the required documentation within the timeframes specified in the **Contract Goal, Good Faith Efforts Specified** section of this Special Provision may be cause for rejection of that bidder's bid.

If the lowest bidder is rejected for failure to submit the required documentation in the specified time frames, the Department may award the work to the next lowest bidder, or re-advertise the proposed work at a later date or proceed otherwise as determined by the Commonwealth.

3. **Good Faith Efforts Described:** In order to award a contract to a bidder that has failed to meet DBE contract goal requirements, VDOT will determine if the bidder's efforts were adequate good faith efforts, and if given all relevant circumstances, those efforts were made actively and aggressively to meet the DBE requirements. Efforts to obtain DBE participation are not good faith efforts if they could not reasonably be expected to produce a level of DBE participation sufficient to meet the DBE Program and contract goal requirements.

Good faith efforts may be determined through use of the following list of the types of actions the bidder may make to obtain DBE participation. This is not intended to be a mandatory checklist, nor is it intended to be exclusive or exhaustive. Other factors or types of efforts of similar intent may be relevant in appropriate cases:

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- a. Soliciting through reasonable and available means, such as but not limited to, attendance at pre-bid meetings, advertising, and written notices to DBEs who have the capability to perform the work of the Contract. Examples include: advertising in at least one daily/weekly/monthly newspaper of general circulation, as applicable; phone contact with a completely documented telephone log, including the date and time called, contact person, or voice mail status; and internet contacts with supporting documentation, including dates advertised. The bidder shall solicit this interest no less than five (5) business days before the bids are due so that the solicited DBEs have enough time to reasonably respond to the solicitation. The bidder shall determine with certainty if the DBEs are interested by taking reasonable steps to follow up initial solicitations as evidenced by documenting such efforts as requested on Form C-49, DBE Good Faith Efforts Documentation.
- b. Selecting portions of the work to be performed by DBEs in order to increase the likelihood that the DBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the Contractor might otherwise prefer to completely perform all portions of this work in its entirety or use its own forces;
- c. Providing interested DBEs with adequate information about the plans, specifications, and requirements of the Contract in a timely manner, which will assist the DBEs in responding to a solicitation;
- d. Negotiating for participation in good faith with interested DBEs;
  - (1) Evidence of such negotiation shall include the names, addresses, and telephone numbers of DBEs that were considered; dates DBEs were contacted; a description of the information provided regarding the plans, specifications, and requirements of the Contract for the work selected for subcontracting; and, if insufficient DBE participation seems likely, evidence as to why additional agreements could not be reached for DBEs to perform the work;
  - (2) A bidder using good business judgment should consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and should take a firm's price, qualifications, and capabilities, as well as contract goals, into consideration. However, the fact that there may be some additional costs involved in finding and using DBEs is not sufficient reason for a bidder's failure to meet the Contract goal for DBE participation, as long as such costs are reasonable and comparable to costs customarily appropriate to the type of work under consideration. Also, the ability or desire of a bidder to perform the work of a contract with its own organization does not relieve the bidder of the responsibility to make diligent good faith efforts. Bidders are not, however, required to accept higher quotes from DBEs if the price difference can be shown by the bidder to be excessive, unreasonable, or greater than would normally be expected by industry standards;
- e. A bidder cannot reject a DBE as being unqualified without sound reasons based on a thorough investigation of the DBE's capabilities. The DBE's standing within its industry, membership in specific groups, organizations, associations, and political or social affiliations, and union vs. non-union employee status are not legitimate causes for the rejection or non-solicitation of bids in the bidder's efforts to meet the project goal for DBE participation;
- f. Making efforts to assist interested DBEs in obtaining bonding, lines of credit, or insurance as required by VDOT or by the bidder/Contractor;

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- g. Making efforts to assist interested DBEs in obtaining necessary equipment, supplies, materials, or related assistance or services subject to the restrictions contained in these provisions;
- h. Effectively using the services of appropriate personnel from VDOT and from DMBE; available minority/women community or minority organizations; contractors' groups; local, state, and Federal minority/ women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and utilization of qualified DBEs.

**(g) Documentation and Administrative Reconsideration of Good Faith Efforts**

**During Bidding:** As described in the **Contract Goal, Good Faith Efforts Specified** section of this Special Provision, the bidder must provide Form C-49, DBE Good Faith Efforts Documentation, of its efforts made to meet the DBE contract goal as proposed by VDOT within the time frame specified in this provision. The means of transmittal and the risk for timely receipt of this information shall be the responsibility of the bidder. The bidder shall attach additional pages to the certification, if necessary, in order to fully detail specific good faith efforts made to obtain the DBE firms participation in the proposed contract work.

However, regardless of the DBE contract goal participation level proposed by the bidder or the extent of good faith efforts shown, all bidders shall timely and separately file their completed and executed forms C-111, C-112, C-48, and C-49, as aforementioned, or face potential bid rejection.

If a bidder does not submit its completed and executed forms C-111, or C-112, when required by this Special Provision, the bidder's bid will be considered non-responsive and may be rejected.

Where the Department upon initial review of the bid results determines the apparent low bidder has failed or appears to have failed to meet the requirements of the **Contract Goal, Good Faith Efforts Specified** section of this Special Provision and has failed to adequately document that it made a good faith effort to achieve sufficient DBE participation as specified in the bid proposal, that firm upon notification of the Department's initial determination will be offered the opportunity for administrative reconsideration before VDOT rejects that bid as non-responsive. The bidder shall address such request for reconsideration in writing to the Contract Engineer within five (5) business days of receipt of notification by the Department and shall be given the opportunity to discuss the issue and present its evidence in person to the Administrative Reconsideration Panel. The Administrative Reconsideration Panel will be made up of VDOT Division Administrators or their designees, none of who took part in the initial determination that the bidder failed to make the goal or make adequate good faith efforts to do so. After reconsideration, VDOT shall notify the bidder in writing of its decision and explain the basis for finding that the bidder did or did not meet the goal or make adequate good faith efforts to do so.

If, after reconsideration, the Department determines the bidder has failed to meet the requirements of the Contract goal and has failed to make adequate good faith efforts to achieve the level of DBE participation as specified in the bid proposal, the bidder's bid will be rejected.

If sufficient documented evidence is presented to demonstrate that the apparent low bidder made reasonable good faith efforts, the Department will award the Contract and reduce the DBE requirement to the actual commitment identified by the lowest successful bidder at the time of its bid. The Contractor is still encouraged to seek additional DBE participation during the life of the Contract.

However, such action will not relieve the Contractor of its responsibility for complying with the reduced DBE requirement during the life of the Contract or any administrative sanctions as may be appropriate.

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**During the Contract:** If a DBE, through no fault of the Contractor, is unable or unwilling to fulfill his agreement with the Contractor, the Contractor shall immediately notify the Department and provide all relevant facts. If a Contractor relieves a DBE subcontractor of the responsibility to perform work under their subcontract, the Contractor is encouraged to take the appropriate steps to obtain a DBE to perform an equal dollar value of the remaining subcontracted work. In such instances, the Contractor is expected to seek DBE participation towards meeting the goal during the performance of the Contract.

If the Contractor fails to conform to the schedule of DBE participation as shown on the progress schedule, or at any point at which it is clearly evident that the remaining dollar value of allowable credit for performing work is insufficient to obtain the scheduled participation, and the Contractor has not taken the preceding actions, the Contractor and any aforementioned affiliates may be subject to disallowance of DBE credit until such time as conformance with the schedule of DBE participation is achieved.

**Project Completion:** If the Contractor fails upon completion of the project to meet the required participation, the Contractor and any prime contractual affiliates, as in the case of a joint venture, may be enjoined from bidding as a prime Contractor, or participating as a subcontractor on VDOT projects for a period of 90 days.

Prior to enjoinder from bidding or denial to participate as a subcontractor for failure to comply with participation requirements, as provided hereinbefore, the Contractor may submit documentation to the State Construction Engineer to substantiate that failure was due solely to quantitative underrun(s), elimination of items subcontracted to DBEs, or to circumstances beyond their control, and that all feasible means have been used to obtain the required participation. The State Construction Engineer upon verification of such documentation shall make a determination whether or not the Contractor has met the requirements of the Contract.

If it is determined that the aforementioned documentation is insufficient or the failure to meet required participation is due to other reasons, the Contractor may request an appearance before the Administrative Reconsideration Panel to establish that all feasible means were used to meet such participation requirements. The decision of the Administrative Reconsideration Panel shall be administratively final. If the decision is made to enjoin the Contractor from bidding on other VDOT work as described herein, the enjoinder period will begin upon the Contractor's failure to request a hearing within the designated time frame or upon the Administrative Reconsideration Panel's decision to enjoin, as applicable.

**(h) DBE Participation for Contract Goal Credit**

1. Cost-plus subcontracts will not be considered to be in accordance with normal industry practice and will not normally be allowed for credit.
2. The applicable percentage of the total dollar value of the Contract or Subcontract awarded to the DBE will be counted toward meeting the Contract goal for DBE participation in accordance with the **DBE Program-Related Certifications Made by Bidders\Contractors** section of this Special Provision for the value of the work, goods, or services that are actually performed or provided by the DBE firm itself or subcontracted by the DBE to other DBE firms.
3. When a DBE performs work as a participant in a joint venture with a non-DBE firm, the Contractor may count toward the DBE goal only that portion of the total dollar value of the Contract equal to the distinctly defined portion of the Contract work that the DBE has performed with the DBE's own forces or in accordance with the provisions of this Section. The Department shall be contacted in advance regarding any joint venture involving both a DBE firm and a non-DBE firm to coordinate Department review and approval of the joint venture's organizational structure and proposed operation where the Contractor seeks to claim the DBE's credit toward the DBE contract goal.

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4. When a DBE subcontracts part of the work of the Contract to another firm, the value of that subcontracted work may be counted toward the DBE contract goal only if the DBE's subcontractor at a lower tier is a certified DBE. Work that a DBE subcontracts to either a non-DBE firm or to a non-certified DBE firm will not count toward the DBE contract goal. The cost of supplies and equipment a DBE subcontractor purchases or leases from the prime Contractor or the prime's affiliated firms will not count toward the Contract goal for DBE participation.
5. The Contractor may count expenditures to a DBE subcontractor toward the DBE contract goal only if the DBE performs a Commercially Useful Function (CUF) on that contract.
6. A Contractor may not count the participation of a DBE subcontractor toward the Contractor's final compliance with the DBE contract goal obligations until the amount being counted has actually been paid to the DBE. A Contractor may count sixty (60) percent of its expenditures actually paid for materials and supplies obtained from a DBE certified as a regular dealer, and one hundred (100) percent of such expenditures actually paid for materials and supplies obtained from a certified DBE manufacturer.
  - a. For the purposes of this Special Provision, a regular dealer is defined as a firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials, supplies, articles, or equipment required and used under the Contract are bought, kept in stock, and regularly sold or leased to the public in the usual course of business. To be a regular dealer, the DBE firm shall be an established business that regularly engages, as its principal business and under its own name, in the purchase and sale or lease of the products or equipment in question. Packagers, brokers, manufacturers' representatives, or other persons who arrange or expedite transactions will not be considered regular dealers.
  - b. A DBE firm may be a regular dealer in such bulk items as petroleum products, steel, cement, gravel, stone, or asphalt without owning, operating, or maintaining a place of business where it keeps such items in stock if the DBE both owns and operates distribution equipment for the products it sells and provides for the Contract work. Any supplementation of a regular dealer's own distribution equipment shall be by a long-term lease agreement and not on an *ad hoc* or contract-by-contract basis to be eligible for credit to meet the DBE contract goal.
  - c. If a DBE regular dealer is used for DBE contract goal credit, no additional credit will be given for hauling or delivery to the project site goods or materials sold by that DBE regular dealer. Those delivery costs shall be deemed included in the price charged for the goods or materials by the DBE regular dealer, who shall be responsible for their distribution.
  - d. For the purposes of this Special Provision, a manufacturer will be defined as a firm that operates or maintains a factory or establishment that produces on the premises the materials, supplies, articles, or equipment required under the Contract and of the general character described by the project specifications. A manufacturer shall include firms that produce finished goods or products from raw or unfinished material, or purchase and substantially alter goods and materials to make them suitable for construction use before reselling them.

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- e. A Contractor may count toward the DBE contract goal the following expenditures to DBE firms that are not regular dealers or manufacturers for DBE program purposes:
  - (1) The entire amount of fees or commissions charged by a DBE firm for providing a bona fide service, such as professional, technical, consultant or managerial services, or for providing bonds or insurance specifically required for the performance of the federal-aid contract, if the fee is reasonable and not excessive or greater than would normally be expected by industry standards for the same or similar services.
  - (2) The entire amount of that portion of the construction contract that is performed by the DBE's own forces and equipment under the DBE's supervision. This includes the cost of supplies and materials ordered and paid for by the DBE for contract work, including supplies purchased or equipment leased by the DBE, except supplies and equipment a DBE subcontractor purchases or leases from the prime Contractor or its affiliates.
- f. A Contractor may count toward the DBE contract goal one hundred (100) percent of the fees paid to a DBE trucker or hauler for the delivery of material and supplies required on the project job site, but not for the cost of those materials or supplies themselves, provided that the trucking or hauling fee is determined by VDOT to be reasonable, as compared with fees customarily charged by non-DBE firms for similar services. A Contractor shall not count costs for the removal or relocation of excess material from or on the job site when the DBE trucking company is not the manufacturer of or a regular dealer in those materials and supplies. The DBE trucking firm shall also perform a Commercially Useful Function (CUF) on the project and not operate merely as a pass through for the purposes of gaining credit toward the DBE contract goal. Prior to submitting a bid, the Contractor shall determine, or contact the VDOT Civil Rights Division or its district Offices for assistance in determining, whether a DBE trucking firm will meet the criteria for performing a CUF on the project. See section on **Miscellaneous DBE Program Requirements; Factors used to Determine if a DBE Trucking Firm is Performing a CUF.**
- g. The Contractor will receive DBE contract goal credit for the fees or commissions charged by and paid to a DBE broker who arranges or expedites sales, leases, or other project work or service arrangements provided that those fees are determined by VDOT to be reasonable and not excessive as compared with fees customarily charged by non-DBE firms for similar services. For the purposes of this Special Provision, a broker is defined as a person or firm that regularly engages in arranging for delivery of material, supplies, and equipment, or regularly arranges for the providing of project services as a course of routine business but does not own or operate the delivery equipment necessary to transport materials, supplies, or equipment to or from a job site.



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(i) **Performing a Commercially Useful Function (CUF)**

No credit toward the DBE contract goal will be allowed for contract payments or expenditures to a DBE firm if that DBE firm does not perform a CUF on that contract. A DBE performs a CUF when the DBE is solely responsible for execution of a distinct element of the Contract work and the DBE actually performs, manages, and supervises the work involved with the firm's own forces or in accordance with the provisions of the **DBE Participation for Contract Goal Credit** section of this Special Provision. To perform a CUF the DBE alone shall be responsible and bear the risk for the material and supplies used on the Contract, selecting a supplier or dealer from those available, negotiating price, determining quality and quantity, ordering the material and supplies, installing those materials with the DBE's own forces and equipment, and paying for those materials and supplies. The amount the DBE firm is to be paid under the Contract shall be commensurate with the work the DBE actually performs and the DBE credit claimed for the DBE's performance.

**Monitoring CUF Performance:** It shall be the Contractor's responsibility to ensure that all DBE firms selected for subcontract work on the Contract, for which he seeks to claim credit toward the Contract goal, perform a CUF. Further, the Contractor is responsible for and shall ensure that each DBE firm fully performs the DBE's designated tasks with the DBE's own forces and equipment under the DBE's own direct supervision and management or in accordance with the provisions of the **DBE Participation for Contract Goal Credit** section of this Special Provision. For the purposes of this provision the DBE's equipment will mean either equipment directly owned by the DBE as evidenced by title, bill of sale or other such documentation, or leased by the DBE, and over which the DBE has control as evidenced by the leasing agreement from a firm not owned in whole or part by the prime Contractor or an affiliate of the Contractor under this contract.

VDOT will monitor the Contractor's DBE involvement during the performance of the Contract. However, VDOT is under no obligation to warn the Contractor that a DBE's participation will not count toward the goal.

**DBEs Must Perform a Useful and Necessary Role in Contract Completion:** A DBE does not perform a commercially useful function if the DBE's role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of DBE participation.

**DBEs Must Perform The Contract Work With Their Own Workforces:** If a DBE does not perform and exercise responsibility for at least thirty (30) percent of the total cost of the DBE's contract with the DBE's own work force, or the DBE subcontracts a greater portion of the work of a contract than would be expected on the basis of normal industry practice for the type of work involve, VDOT will presume that the DBE is not performing a CUF and such participation will not be counted toward the Contract goal.

**VDOT Makes Final Determination On Whether a CUF Is Performed:** VDOT has the final authority to determine whether a DBE firm has performed a CUF on a federal-aid contract. To determine whether a DBE is performing or has performed a CUF, VDOT will evaluate the amount of work subcontracted by that DBE firm or performed by other firms and the extent of the involvement of other firms' forces and equipment. Any DBE work performed by the Contractor or by employees or equipment of the Contractor shall be subject to disallowance under the DBE Program, unless the independent validity and need for such an arrangement and work is demonstrated.

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**(j) Verification of DBE Participation and Imposed Damages**

Within fourteen days after contract execution, the Contractor shall submit to the Responsible Engineer, with a copy to the District Civil Rights Office (DCRO), a fully executed subcontract agreement for each DBE used to claim credit in accordance with the requirements stated on Form C-112. The subcontract agreement shall be executed by both parties stating the work to be performed, the details or specifics concerning such work, and the price which will be paid to the DBE subcontractor. Because of the commercial damage that the Contractor and its DBE subcontractor could suffer if their subcontract pricing, terms, and conditions were known to competitors, the Department staff will treat subcontract agreements as proprietary Contractor trade secrets with regard to Freedom of Information Act requests. In lieu of subcontract agreements, purchase orders may be submitted for haulers, suppliers, and manufacturers. These too, will be treated confidentially and protected. Such purchase orders must contain, as a minimum, the following information: authorized signatures of both parties; description of the scope of work to include contract item numbers, quantities, and prices; and required federal contract provisions.

The Contractor shall also furnish, and shall require each subcontractor to furnish, information relative to all DBE involvement on the project for each quarter during the life of the Contract in which participation occurs and verification is available. The information shall be indicated on Form C-63, DBE and SWAM Payment Compliance Report. The department reserves the right to request proof of payment via copies of cancelled checks with appropriate identifying notations. Failure to provide Form C-63 to the District Civil Rights Office (DCRO) within five (5) business days after the reporting period may result in delay of approval of the Contractor's monthly progress estimate for payment. The names and certification numbers of DBE firms provided by the Contractor on the various forms indicated in this Special Provision shall be exactly as shown on the DMBE's or MWAA's latest list of certified DBEs. Signatures on all forms indicated herein shall be those of authorized representatives of the Contractor as shown on the Prequalification Application, Form C-32 or the Prequalification/Certification Renewal Application, Form C-32A, or authorized by letter from the Contractor. If DBE firms are used which have not been previously documented with the Contractor's bid and for which the Contractor now desires to claim credit toward the project goal, the Contractor shall be responsible for submitting necessary documentation in accordance with the procedures stipulated in this Special Provision to cover such work prior to the DBE beginning work.

Form C-63 can be obtained from the VDOT website at: <http://vdotforms.vdot.virginia.gov/>

The Contractor shall submit to the Responsible Engineer its progress schedule with a copy to the DCRO, as required by Section 108.03 of the Specifications or other such specific contract scheduling specification that may include contractual milestones, i.e., monthly or VDOT requested updates. The Contractor shall include a narrative of applicable DBE activities relative to work activities of the Contractor's progress schedule, including the approximate start times and durations of all DBE participation to be claimed for credit that shall result in full achievement of the DBE goal required in the Contract.

On contracts awarded on the basis of good faith efforts, narratives or other agreeable format of schedule information requirements and subsequent progress determination shall be based on the commitment information shown on the latest Form C-111 as compared with the appropriate Form C-63.

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Prior to beginning any major component or quarter of the work, as applicable, in which DBE work is to be performed, the Contractor shall furnish a revised Form C-111 showing the name(s) and certification number(s) of any current DBEs not previously submitted who will perform the work during that major component or quarter for which the Contractor seeks to claim credit toward the Contract DBE goal. The Contractor shall obtain the prior approval of the Department for any assistance it may provide to the DBE beyond its existing resources in executing its commitment to the work in accordance with the requirements listed in the **Good Faith Efforts Described** section of this Special Provision. If the Contractor is aware of any assistance beyond a DBE's existing resources that the Contractor, or another subcontractor, may be contemplating or may deem necessary and that have not been previously approved, the Contractor shall submit a new or revised narrative statement for VDOT's approval prior to assistance being rendered.

If the Contractor fails to comply with correctly completing and submitting any of the required documentation requested by this provision within the specified time frames, the Department will withhold payment of the monthly progress estimate until such time as the required submissions are received VDOT. Where such failures to provide required submittals or documentation are repeated the Department will move to enjoin the Contractor and any prime contractual affiliates, as in the case of a joint venture, from bidding as a prime Contractor, or participating as a subcontractor on VDOT projects until such submissions are received.

**(k) Documentation Required for Semi-final Payment**

On those projects nearing completion, the Contractor must submit Form C-63 marked "Semi-Final" within twenty (20) days after the submission of the last regular monthly progress estimate to the DCRO. The form must include each DBE used on the Contract work and the work performed by each DBE. The form shall include the actual dollar amount paid to each DBE for the accepted creditable work on the Contract. The form shall be certified under penalty of perjury, or other applicable law, to be accurate and complete. VDOT will use this certification and other information available to determine applicable DBE credit allowed to date by VDOT and the extent to which the DBEs were fully paid for that work. The Contractor shall acknowledge by the act of filing the form that the information is supplied to obtain payment regarding a federal participation contract. A letter of certification, signed by both the prime Contractor and appropriate DBEs, will accompany the form, indicating the amount, including any retainage, if present, that remains to be paid to the DBE(s).

**(l) Documentation Required for Final Payment**

On those projects that are complete, the Contractor shall submit a final Form C-63 marked "Final" to the DCRO, within thirty (30) days of the final estimate. The form must include each DBE used on the Contract and the work performed by each DBE. The form shall include the actual dollar amount paid to each DBE for the creditable work on the Contract. VDOT will use this form and other information available to determine if the Contractor and DBEs have satisfied the DBE contract goal percentage specified in the Contract and the extent to which credit was allowed. The Contractor shall acknowledge by the act of signing and filing the form that the information is supplied to obtain payment regarding a federal participation contract.

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**(m) Prompt Payment Requirements**

The Contractor shall make prompt and full payment to the subcontractor(s) of any retainage held by the prime Contractor after the subcontractor's work is satisfactorily completed.

For purposes of this Special Provision, a subcontractor's work is satisfactorily completed when all the tasks called for in the subcontract have been accomplished, documented, and accepted as required by the contract documents by VDOT. When VDOT has made partial acceptance of a portion of the prime contract, the Department will consider the work of any subcontractor covered by that partial acceptance to be satisfactorily completed. Payment will be made in accordance with the requirements of Section 107.01, Section 109.08, and Section 109.09 of the Specifications.

Upon VDOT's payment of the subcontractor's portion of the work as shown on the monthly progress estimate and the receipt of payment by the Contractor for such work, the Contractor shall make compensation in full to the subcontractor for that portion of the work satisfactorily completed and accepted by the Department. For the purposes of this Special Provision, payment of the subcontractor's portion of the work shall mean the Contractor has issued payment in full, less agreed upon retainage, if any, to the subcontractor for that portion of the subcontractor's work that VDOT paid to the Contractor on the monthly progress estimate.

The Contractor shall make payment of the subcontractor's portion of the work within seven (7) days of the receipt of payment from VDOT in accordance with the requirements of Section 107.01, Section 109.08, and Section 109.09 of the Specifications.

If the Contractor fails to make payment for the subcontractor's portion of the work within the time frame specified herein, the subcontractor shall contact the Responsible Engineer and the Contractor's bonding company in writing. The bonding company and VDOT will investigate the cause for non-payment and, barring mitigating circumstances that would make the subcontractor ineligible for payment, ensure payment in accordance with the requirements of Section 107.01, Section 109.08, and Section 109.09 of the Specifications.

By bidding on this contract, and by accepting and executing this contract, the Contractor agrees to assume these contractual obligations, and to bind the Contractor's subcontractors contractually to those prompt payment requirements.

Nothing contained herein shall preclude the Contractor from withholding payment to the subcontractor in accordance with the terms of the subcontract in order to protect the Contractor from loss or cost of damage due to a breach of agreement by the subcontractor.

**(n) Miscellaneous DBE Program Requirements**

1. **Loss of DBE Eligibility:** When a DBE firm has been removed from eligibility as a certified DBE firm, the following actions will be taken:
  - a. When a Bidder/Contractor has made a commitment to use a DBE firm that is not currently certified, thereby making the Contractor ineligible to receive DBE participation credit for work performed, and a subcontract has not been executed, the ineligible DBE firm does not count toward either the Contract goal or overall goal. The Contractor shall meet the Contract goal with a DBE firm that is eligible to receive DBE credit for work performed, or must demonstrate to the Contract Engineer that it has made good faith efforts to do so.

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- b. When a Bidder/Contractor has executed a subcontract with a certified DBE firm prior to official notification of the DBE firm's loss of eligibility, the Contractor may continue to use the firm on the Contract and shall continue to receive DBE credit toward its DBE goal for the subcontractor's work.
  - c. When VDOT has executed a prime contract with a DBE firm that is certified at the time of contract execution but that is later ruled ineligible, the portion of the ineligible firm's performance on the Contract before VDOT has issued the notice of its ineligibility shall count toward the Contract goal.
2. **Termination of DBE:** If a certified DBE subcontractor is terminated, or fails, refuses, or is unable to complete the work on the Contract for any reason, the Contractor must promptly request approval to substitute or replace that firm in accordance with this section of this Special Provision.

The Contractor, as aforementioned in **DBE Program-Related Certifications Made by Bidders/Contractors**, shall notify VDOT in writing before terminating and/or replacing the DBE that was committed as a condition of contract award or that is otherwise being used or represented to fulfill DBE contract obligations during the Contract performance period. Written consent from the Department for terminating the performance of any DBE shall be granted only when the Contractor can demonstrate that the DBE is unable, unwilling, or ineligible to perform its obligations for which the Contractor sought credit toward the Contract DBE goal. Such written consent by the Department to terminate any DBE shall concurrently constitute written consent to substitute or replace the terminated DBE with another DBE. Consent to terminate a DBE shall not be based on the Contractor's ability to negotiate a more advantageous contract with another subcontractor whether that subcontractor is, or is not, a certified DBE.

- a. All Contractor requests to terminate, substitute, or replace a certified DBE shall be in writing, and shall include the following information:
  - (1) The date the Contractor determined the DBE to be unwilling, unable, or ineligible to perform.
  - (2) The projected date that the Contractor shall require a substitution or replacement DBE to commence work if consent is granted to the request.
  - (3) A brief statement of facts describing and citing specific actions or inaction by the DBE giving rise to the Contractor's assertion that the DBE is unwilling, unable, or ineligible to perform;
  - (4) A brief statement of the affected DBE's capacity and ability to perform the work as determined by the Contractor;
  - (5) A brief statement of facts regarding actions taken by the Contractor which are believed to constitute good faith efforts toward enabling the DBE to perform;
  - (6) The current percentage of work completed on each bid item by the DBE;
  - (7) The total dollar amount currently paid per bid item for work performed by the DBE;
  - (8) The total dollar amount per bid item remaining to be paid to the DBE for work completed, but for which the DBE has not received payment, and with which the Contractor has no dispute;

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- (9) The total dollar amount per bid item remaining to be paid to the DBE for work completed, but for which the DBE has not received payment, and over which the Contractor and/or the DBE have a dispute.
- b. Contractor's Written Notice to DBE of Pending Request to Terminate and Substitute with another DBE.

The Contractor shall send a copy of the "request to terminate and substitute" letter to the affected committed DBE firm, in conjunction with submitting the request to the DCRO. The affected DBE firm may submit a response letter to the Department within two (2) business days of receiving the notice to terminate from the Contractor. The affected DBE firm shall explain its position concerning performance on the committed work. The Department will consider both the Contractor's request and the DBE's response and explanation before approving the Contractor's termination and substitution request, or determining if any action should be taken against the Contractor.

If, after making its best efforts to deliver a copy of the "request to terminate and substitute" letter, the Contractor is unsuccessful in notifying the affected DBE firm, the Department will verify that the affected, committed DBE firm is unable or unwilling to continue the Contract. The Department will immediately approve the Contractor's request for a substitution.

- c. Proposed Substitution of Another Certified DBE

Upon termination of a DBE, the Contractor shall use reasonable good faith efforts to replace the terminated DBE. The termination of such DBE shall not relieve the Contractor of its obligations pursuant to this section, and the unpaid portion of the terminated DBE's contract will not be counted toward the Contract goal.

When a DBE substitution is necessary, the Contractor shall submit an amended Form C-111 with the name of another DBE firm, the proposed work to be performed by that firm, and the dollar amount of the work to replace the unfulfilled portion of the work of the originally committed DBE firm. The Contractor shall furnish all pertinent information including the Contract I.D. number, project number, bid item, item description, bid unit and bid quantity, unit price, and total price. In addition, the Contractor shall submit documentation for the requested substitute DBE as described in this section of this Special Provision.

Should the Contractor be unable to commit the remaining required dollar value to the substitute DBE, the Contractor shall provide written evidence of good faith efforts made to obtain the substitute value requirement. The Department will review the quality, thoroughness, and intensity of those efforts. Efforts that are viewed by VDOT as merely superficial or pro-forma will not be considered good faith efforts to meet the Contract goal for DBE participation. The Contractor must document the steps taken that demonstrated its good faith efforts to obtain participation as set forth in the **Good Faith Efforts Described** section of this Special Provision.

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**3. Factors Used to determine if a DBE Trucking Firm is performing a CUF:**

The following factors will be used to determine whether a DBE trucking company is performing a CUF:

- a. To perform a CUF the DBE trucking firm shall be completely responsible for the management and supervision of the entire trucking operation for which the DBE is responsible by subcontract on a particular contract. There shall not be a contrived arrangement, including, but not limited to, any arrangement that would not customarily and legally exist under regular construction project subcontracting practices for the purpose of meeting the DBE contract goal;
- b. The DBE must own and operate at least one fully licensed, insured, and operational truck used in the performance of the Contract work. This does not include a supervisor's pickup truck or a similar vehicle that is not suitable for and customarily used in hauling the necessary materials or supplies;
- c. The DBE receives full contract goal credit for the total reasonable amount the DBE is paid for the transportation services provided on the Contract using trucks the DBE owns, insures, and operates using drivers that the DBE employs and manages;
- d. The DBE may lease trucks from another certified DBE firm, including from an owner-operator who is certified as a DBE. The DBE firm that leases trucks from another DBE will receive credit for the total fair market value actually paid for transportation services the lessee DBE firm provides on the Contract;
- e. The DBE may also lease trucks from a non-DBE firm, including an owner-operator. The DBE who leases trucks from a non-DBE is entitled to credit for the total value of the transportation services provided by non-DBE lessees, *not to exceed the value of transportation services provided by DBE-owned trucks on the Contract*. For additional participation by non-DBE lessees, the DBE will only receive credit for the fee or commission it receives as a result of the lease arrangement.

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*EXAMPLE*

DBE Firm X uses two (2) of its own trucks on a contract. The firm leases two (2) trucks from DBE Firm Y and six (6) trucks from non-DBE Firm Z.

		<b>Value of Trans. Serv.</b>
<b><u>Firm X</u></b>		(For Illustrative Purposes Only)
Truck 1	Owned by DBE	\$100 per day
Truck 2	Owned by DBE	\$100 per day
<b><u>Firm Y</u></b>		
Truck 1	Leased from DBE	\$110 per day
Truck 2	Leased from DBE	\$110 per day
<b><u>Firm Z</u></b>		
Truck 1	Leased from Non DBE	\$125 per day
Truck 2	Leased from Non DBE	\$125 per day
Truck 3	Leased from Non DBE	\$125 per day
Truck 4	Leased from Non DBE	\$125 per day
Truck 5	Leased from Non DBE*	\$125 per day
Truck 6	Leased from Non DBE*	\$125 per day

DBE credit would be awarded for the total transportation services provided by DBE Firm X and DBE Firm Y, and may also be awarded for the total value of transportation services by four (4) of the six (6) trucks provided by non-DBE Firm Z (not to exceed the value of transportation services provided by DBE-owned trucks).

**Credit = 8 Trucks**  
**Total Value of Transportation Services = \$820**

In all, full DBE credit would be allowed for the participation of eight (8) trucks (twice the number of DBE trucks owned and leased) and the dollar value attributable to the Value of Transportation Services provided by the 8 trucks.

\* With respect to the other two trucks provided by non-DBE Firm Z, DBE credit could be awarded only for the fees or commissions pertaining to those trucks that DBE Firm X receives as a result of the lease with non-DBE Firm Z.

- f. For purposes of this section, the lease must indicate that the DBE firm leasing the truck has exclusive use of and control over the truck. This will not preclude the leased truck from working for others during the term of the lease with the consent of the DBE, provided the lease gives the DBE absolute priority for and control over the use of the leased truck. Leased trucks must display the name and identification number of the DBE firm that has leased the truck at all times during the life of the lease.



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4. **Data Collection:** In accordance with 49CFR Section 26.11, all firms bidding on prime contracts and bidding or quoting subcontracts on federal-aid projects shall provide the following information to the Contract Engineer annually.

- Firm name
- Firm address
- Firm's status as a DBE or non-DBE
- The age of the firm and
- The annual gross receipts of the firm

The means of transmittal and the risk for timely receipt of this information shall be the responsibility of the bidder. However, the above information can be submitted by means of the Annual Gross Receipts Survey as required in the Prequalification/Certification application.

All bidders, including DBE prime Contractor bidders, shall complete and submit to the Contract Engineer the Subcontractor/Supplier Solicitation and Utilization Form C-48 for each bid submitted; to be received within ten (10) business days after the bid opening. Failure of bidders to submit this form in the time frame specified may be cause for disqualification of the bidder and rejection of their bid in accordance with the requirements of this Special Provision, the Contract specifications, and VDOT Road and Bridge specifications.

**(o) Suspect Evidence of Criminal Behavior**

Failure of a bidder, Contractor, or subcontractor to comply with the Virginia Department of Transportation Road and Bridge Specifications and these Special Provisions wherein there appears to be evidence of criminal conduct shall be referred to the Attorney General for the Commonwealth of Virginia and/or the FHWA Inspector General for criminal investigation and, if warranted, prosecution.

**Suspected DBE Fraud**

In appropriate cases, VDOT will bring to the attention of the U. S. Department of Transportation (USDOT) any appearance of false, fraudulent, or dishonest conduct in connection with the DBE program, so that USDOT can take the steps, e.g., referral to the Department of Justice for criminal prosecution, referral to the USDOT Inspector General, action under suspension and debarment or Program Fraud and Civil Penalties rules provided in 49CFR Part 31.

**(p) Summary of Remedies for Non-Compliance with DBE Program Requirements**

Failure of any bidder\Contractor to comply with the requirements of this Special Provision for Section 107.15 of the Virginia Road and Bridge Specifications, which is deemed to be a condition of bidding, or where a contract exists, is deemed to constitute a breach of contract shall be remedied in accordance with the following:

**1. Disadvantaged Business Enterprise (DBE) Program Requirements**

The Contractor shall carry out applicable requirements of 49 CFR Part 26 in the award, administration, and performance of this contract. Failure by the Contractor to carry out these requirements is a material breach of this contract, which will result in the termination of this contract or other such remedy, as VDOT deems appropriate.

All administrative remedies noted in this provision are automatic unless the Contractor exercises the right of appeal within the required timeframe(s) specified herein.

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**2. DBE Program-Related Certifications Made by Bidders\Contractors**

Once awarded the contract, the Contractor shall comply fully with all regulatory and contractual requirements of the USDOT DBE Program, and that each certified DBE firm participating in the Contract shall fully perform the designated work items with the DBE's own forces and equipment under the DBE's direct supervision, control, and management. Where a contract exists and where the Contractor, DBE firm, or any other firm retained by the Contractor has failed to comply with federal or VDOT DBE Program regulations and/or their requirements on that contract, VDOT has the authority and discretion to determine the extent to which the DBE contract requirements have not been met, and will assess against the Contractor any remedies available at law or provided in the Contract in the event of such a contract breach.

**3. Disqualification of Bidder**

Bidders may be disqualified from bidding for failure to comply with the requirements of this Special Provision, the Contract specifications, and VDOT Road and Bridge Specifications.

**4. Bidding Procedures**

The failure of a bidder to submit the required documentation within the timeframes specified in the **Contract Goal, Good Faith Efforts Specified** section of this Special Provision may be cause for rejection of that bidder's bid. If the lowest bidder is rejected for failure to submit required documentation in the specified time frames, the Department may either award the work to the next lowest bidder, or re-advertise and construct the work under contract or otherwise as determined by the Commonwealth.

In order to award a contract to a bidder that has failed to meet DBE contract goal requirements, VDOT will determine if the bidder's efforts were adequate good faith efforts, and if given all relevant circumstances, those efforts were to the extent a bidder actively and aggressively seeking to meet the requirements would make. Regardless of the DBE contract goal participation level proposed by the bidder or the extent of good faith efforts shown, all bidders shall timely and separately file their completed and executed Forms C-111, C-112, C-48, and Form C-49, as aforementioned, or face potential bid rejection. If a bidder does not submit its completed and executed C-111, or C-112, when required by this Special Provision, the bidder's bid will be considered non-responsive and may be rejected. If, after reconsideration, the Department determines the bidder has failed to meet the requirements of the Contract goal and has failed to make adequate good faith efforts to achieve the level of DBE participation as specified in the bid proposal, the bidder's bid will be rejected. If sufficient documented evidence is presented to demonstrate that the apparent low bidder made reasonable good faith efforts, the Department will award the Contract and reduce the DBE requirement to the actual commitment identified by the lowest successful bidder at the time of its bid. The Contractor is encouraged to seek additional participation during the life of the Contract.

If the Contractor fails to conform to the schedule of DBE participation as shown on the progress schedule, or at any point at which it is clearly evident that the remaining dollar value of allowable credit for performing work is insufficient to obtain the scheduled participation, the Contractor and any aforementioned affiliates may be enjoined from bidding for 60 days or until such time as conformance with the schedule of DBE participation is achieved. In such instances, the Contractor is expected to seek DBE participation towards meeting the goal during the prosecution of the Contract.

If the Contractor fails upon completion of the project to meet the required participation, the Contractor and any prime contractual affiliates, as in the case of a joint venture, may be

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enjoined from bidding as a prime Contractor, or participating as a subcontractor on VDOT projects for a period of 90 days.

Prior to enjoinder from bidding or denial to participate as a subcontractor for failure to comply with participation requirements, as provided hereinbefore, the Contractor may submit documentation to the State Construction Engineer to substantiate that failure was due solely to quantitative underrun(s) or elimination of items subcontracted to DBEs, and that all feasible means have been used to obtain the required participation. The State Construction Engineer upon verification of such documentation shall make a determination whether or not the Contractor has met the requirements of the Contract.

If it is determined that the aforementioned documentation is insufficient or the failure to meet required participation is due to other reasons, the Contractor may request an appearance before the Administrative Reconsideration Panel to establish that all feasible means were used to meet such participation requirements. The decision of the Administrative Reconsideration Panel shall be administratively final. The enjoinder period will begin upon the Contractor's failure to request a hearing within the designated time frame or upon the Administrative Reconsideration Panel's decision to enjoin, as applicable.

**5. Verification of DBE Participation and Imposed Damages**

If the Contractor fails to comply with correctly completing and submitting any of the required documentation requested by this provision within the specified time frames, the Department will withhold payment of the monthly progress estimate until such time as the required submissions are received by VDOT. Where such failures to provide required submittals or documentation are repeated the Department will move to enjoin the Contractor and any prime contractual affiliates, as in the case of a joint venture, from bidding as a prime Contractor, or participating as a subcontractor on VDOT projects until such submissions are received.

**(q) Suspect Evidence of Criminal Behavior**

In addition to the remedies described heretofore in this provision VDOT also exercises its rights with respect to the following remedies:

- Failure of a bidder, Contractor, or subcontractor to comply with the Virginia Department of Transportation Road and Bridge Specifications and these Special Provisions wherein there appears to be evidence of criminal conduct shall be referred to the Attorney General for the Commonwealth of Virginia and/or the FHWA Inspector General for criminal investigation and, if warranted prosecution.
- In appropriate cases, VDOT will bring to the attention of the U. S. Department of Transportation (USDOT) any appearance of false, fraudulent, or dishonest conduct in connection with the DBE program, so that USDOT can take the steps, e.g., referral to the Department of Justice for criminal prosecution, referral to the USDOT Inspector General, action under suspension and debarment or Program Fraud and Civil Penalties rules provided in 49CFR Part 31.

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[SP108-000140-00](#)

VIRGINIA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION FOR  
**SCHEDULE OF OPERATIONS FOR CATEGORY M PROJECTS**

May 12, 2008; Reissued July 12, 2016

**Section 103.06(e) Progress Schedule** of the Specifications is deleted and replaced by this provision.

**Section 108.03 Progress Schedule** of the Specifications is deleted and replaced by this provision.

**General Requirements** – The Contractor shall plan and schedule the work and shall submit his overall work plan in the form of a written Schedule of Operations as described herein, for the Engineer's review and acceptance. The accepted Schedule of Operations will be used by the Engineer for planning and coordination of the Department activities, resources, and expenditures.

When preparing the Schedule of Operations, the Contractor shall consider all known constraints and restrictions such as holidays, seasonal, weather, traffic, utility, railroad, right-of-way, environmental, permits, or other known or specified limitations to the work.

At the Pre-Construction Conference the Contractor shall be prepared to discuss his planned or contemplated operations relative to the contract requirements and this special provision.

Delays resulting from the Contractor's failure to provide the Schedule of Operations will not be considered just cause for extension of the contract time limit or for additional compensation.

**Schedule of Operations** – The Contractor shall submit to the Engineer three (3) copies of the written Schedule of Operations at least seven (7) calendar days prior to beginning work. The Schedule of Operations shall represent the Contractor's overall work plan to accomplish the entire scope of work according to the Contract. The Schedule of Operations shall include all work including, as applicable, the work to be performed by sub-contractors, the Department, or others. The Schedule of Operations submittal shall consist of a written Narrative to:

- (a) Describe the Contractor's proposed general sequence to accomplish the work;
- (b) Indicate the general schedule of work to be completed each month in terms of the major operations, routes, or segments of work as delineated in the Contract or in the absence of such delineations, as agreed to by the Contractor and the Engineer. A bar-chart schedule may be substituted at the Contractor's option.

**Two Week Look-ahead (TWLA) Schedule of Operations** – At least seven (7) calendar days prior to beginning work, the Contractor shall submit to the Engineer, an initial written TWLA Schedule of Operations for any work planned for the first two weeks. Every week thereafter, on a day agreed to by the Contractor and the Engineer, the Contractor shall submit to the Engineer, a written TWLA Schedule of Operations for the following two-week period. The TWLA schedule shall provide a detailed list of operations to indicate the type of operation, location(s) of the work, proposed working days and hours, and the start and finish dates for any work planned, started, in progress, or scheduled for completion during the two-week period. The TWLA Schedule of Operations shall also indicate any critical stage(s) of work requiring VDOT oversight or inspection. The Contractor shall submit three (3) copies of the TWLA Schedule of Operations to the Engineer in any legible format.

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The Contractor may revise his TWLA Schedule of Operations at his discretion. However, the Contractor shall notify the Engineer at least forty-eight (48) working hours in advance of any changes in the Contractor's planned operations or critical stage work requiring Department oversight or inspection. In the event of extenuating circumstances deemed by the Engineer to be beyond the Contractor's control, the Engineer may grant verbal concurrence of changes in the Contractor's planned operations with less advance notice, as the need arises.

**Revised Schedule of Operations** – The Contractor may revise his overall plan of operations at any time, however, the Contractor shall submit a Revised Schedule of Operations to reflect any changes in his overall sequence of operations or general schedule. The Contractor may be required, as determined by the Engineer to submit a Revised Schedule of Operations. Circumstances that may prompt the Engineer's decision to request a Revised Schedule of Operations may include deviations from the overall sequence of operations or if the actual progress of work varies by one month or more from the currently accepted Schedule of Operations.

When required by the Engineer, the Revised Schedule of Operations shall be submitted within seven (7) calendar days of receipt of the Engineer's written request. The Revised Schedule of Operations shall be submitted in the form of the Schedule of Operations as defined herein, to reflect the changes in the Contractor's overall work plan. The accepted Revised Schedule of Operations will replace any previously accepted Schedule of Operations for the remainder of the work.

**Review and Acceptance** – The Engineer will review the Initial or subsequent Revised Schedule of Operations submittals for acceptance within seven (7) calendar days of receipt of the Contractor's complete submittal. Review and acceptance by the Engineer will be based on conformance with this provision and the Contract.

Review and acceptance by the Engineer will not constitute a waiver of any contract requirements and will in no way assign responsibilities of the work plan, scheduling assumptions, and validity of the work plan or schedule to the Department. Failure of the Contractor to include in the Schedule of Operations any element of work required by the Contract for timely completion of the Contract shall not excuse the Contractor from his contractual obligations.

**Measurement and Payment** – Category M Schedule of Operations including the Initial and any subsequent Revised Schedule of Operations requested by the Engineer or originated by the Contractor, will not be measured or paid for separately. All associated costs to prepare, update, revise, and/or furnish the Schedule of Operations for Category M projects according to the requirements herein shall be considered incidental to the work.

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[SP109-000120-00](#)

VIRGINIA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION FOR  
**PRICE ADJUSTMENT FOR STEEL**

June 15, 2015; Reissued July 12, 2016

The Department will adjust monthly progress payments up or down as appropriate for cost changes in steel used on specific items of work identified in the Contract according to this provision. This Special Provision provides a master listing of standard bid items the Department has determined are eligible for steel price adjustment.

An automatically generated project-specific listing of standard bid items the Department has identified as eligible for steel price adjustment is included with the bidding proposal. Only items on this listing will be eligible for steel price adjustment. Generally, non-standard pay items will not be eligible for steel price adjustment unless such steel items are project-specific modifications of items normally eligible, are clearly and specifically identified by a separate and distinct steel pay item and the quantities present on the project constitute major items of the work. These items may be addressed by project specific provisions and their related pay items designated as being eligible in the bid proposal. Items eligible for steel price adjustment for a particular project will be shown on Form C-21C "Bid Items Eligible for Steel Price Adjustment" and included with the bidding documents. The Bidder may choose to have steel price adjustment applied to any, all or none of the eligible items shown on Form C-21C. The Bidder's selection of items for steel price adjustment or non-selection (non-participation) may not be changed once he has submitted Form C-21C to the Department

The Contractor shall use Form C-21C to submit to the State Contract Engineer, no later than 15 calendar days after the date of Contract Award letter, those pay items he chooses to have steel price adjustment applied on. Items the Contractor chooses for steel price adjustment must be designated by writing the word "Yes" in the column titled "Option" by each bid item chosen for adjustment. The Contractor's designations on Form C-21C must be written in ink or typed, and signed by the Contractor to be considered complete. Items not properly designated, or designated with "No" or left blank on the Contractor's C-21C "Bid Items Eligible for Steel Price Adjustment" form will automatically not be considered for adjustment. No steel items will be eligible for steel price adjustment on this project if the Contractor fails to return his Form C-21C on time.

**Please note:** Inventoried materials from the listing of eligible items are specifically excluded for consideration. Items from the listing of eligible items for which the Contractor has requested payment as Material on Hand according to Section 109.09 are also specifically excluded for consideration past the delivery date to the fabricator. This provision also does not allow for price adjustment for embedded steel where the steel item is a component of the finished bid item and there is no separate or distinct payment for the steel item or for steel used for pre-tensioned or post-tensioned precast components where furnishing steel is included in the unit price of the finished bid item.

This provision shall apply only to material cost changes that occur between the date of the receipt of bids by the Department and the date the material is shipped to the fabricator. The Contractor, subcontractor and/or supplier are required to place their purchase order for the steel items designated in this contract for price adjustment within 30 calendar days after the date of execution of this contract with the Department. The timeliness of the Contractor's response is also to ensure the receipt of such items in a timely manner that shall not adversely affect his progress schedule or contract completion date. The items shall further be specifically stored, labeled, or tagged, recognizable by color marking, and identifiable by project for inspection and audit verification immediately upon arrival at the fabricator.

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The Contractor shall submit documentation to the appropriate District Construction Engineer for all items listed in the Contract for which it is requesting a steel price adjustment. This documentation shall consist of material price quotes, bid papers, or other similar type of documentation satisfactory to the Department, and support the completion of the form establishing the average price per pound for the eligible steel bid item. The Contractor must use the format as shown with this provision; no other format for presenting this information will be permitted. The Contractor shall certify that all items of documentation are original and were used in the computation of the amount bid for the represented eligible pay items for the month bids were opened. This documentation shall support the base line material price ("Base Price") of the steel item only. No adjustment will be made for changes in other components of the contract unit bid price, including, but not limited to, fabrication, shipping, storage, handling, and erection.

The Contractor will not be eligible for price adjustment of steel items if he fails to submit specifically required information (i.e., purchase order, price data, bill of lading, material information or other requested information) as noted herein.

Price adjustment of each qualifying item will only be considered if there is an increase or decrease in the cost of eligible steel materials in excess of 10 percent up to a maximum of 60 percent from the Base Price when compared with the latest published price index ("Price Index") in effect at the time material is shipped to the fabricator.

The Price Index the Department is using is based on The U.S. Department of Labor, Bureau of Labor Statistics, Producers Price Index (PPI), which measures the average price change over time of the specific steel eligible item from the perspective of the seller of goods. The specific Producers Price Index (PPI) to be used to adjust the price for the eligible VDOT steel items is shown in the table below. **Please note:** The Producers Price Index (PPI) is subject to revision 4 months after original publication, therefore, price adjustments and payments will not be made until the index numbers are finalized.

Items under consideration for price adjustment will be compared to the steel category index items and the corresponding I.D. numbers shown in the table attached to the end of this provision.

The price adjustment will be determined by comparing the percentage of change in index value beyond 10 percent above or below the index on the bid date to the index value on the date the steel material is shipped to the fabricator (Please see included sample examples). Weights and date of shipment must be documented by a bill of lading provided to the Department. The final price adjustment dollar value will be determined by multiplying this percent increase or decrease in the index (after 10%) by the represented quantity of steel shipped, by the Base Price per pound subject to the limitations herein.

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**Price increase/decrease will be computed as follows:**

$$A = B \times P \times Q$$

Where;

- A = Steel price adjustment in lump sum dollars
- B = Average weighted price of steel submitted with bid on project in \$ per pound
- P = Adjusted percentage change in PPI average from shipping date to bid date minus 10% (0.10) threshold
- Q = Total quantity of steel in pounds shipped to fabricator for specific project

Delays to the work caused by steel shortages may be justification for a contract time extension but will not constitute grounds for claims for standby equipment, extended office overhead, or other costs associated with such delays.

The Engineer will determine, and specify in the Work Order, the need for application of the adjustments herein to extra work on an individual basis.

This price adjustment is capped at 60 percent. This means the maximum "P" value for increase or decrease that can be used in the above equation is 50% (60%-10% threshold).

Calculations for price adjustment shall be shown separate from the monthly progress estimate and will not be included in the total cost of work for determination of progress or for extension of contract time.

Any apparent attempt to unbalance bids in favor of items subject to price adjustment may result in rejection of the bid proposal.



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20-Jan-05

**Sample Form to be turned in for Steel Price Adjustment Provision**  
(All prices to be supported by project-specific quotes)

**BID DATE**

28-Apr-04

Bid Item 61720 High Strength Structural Steel

Supplier	Description of material	Unit price f.o.b supplier \$/lbs	Quantity In lbs.	Price Extension	Date of Quote
XYZ mill	Structural beams Various sizes (see quote)	\$0.28	1,200,000	\$336,000.00	21-Apr-04
ABC distributing	Various channel & angle shapes (see quote)	\$0.32	35,000	\$11,200.00	20-Apr-04

Total	1,235,000	\$347,200.00
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Average weighted price =	\$0.2816
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Note: All prices are to include any surcharges on materials quoted as if they are shipped in the month the bid is submitted. Vendors must include this surcharge along with their base price on their quotes.

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20-Jan-05

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**Sample Calculation of a Price Adjustment (increase)**

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Project bid on April 28, 2004.

Project has 450,000 lb. of structural steel.

Orders placed in timely manner and according to contract.

Contractor's \*f.o.b. supplier price for the structural steel in bid is \$0.2816 per pound.                      \*free on board

Adjusted\*\* BLS Producers Price Index (PPI) most recently published average at time of bid is 139.6.

\*\* final change  
after 4 months

All steel shipped to fabricator in same month, October 2004.

Adjusted BLS Producers Price Index (PPI) most recently published average for month of October is 161.1

Adjustment formula is as follows:

$$A = B \times P \times Q$$

Where;

- A = Steel price adjustment in lump sum dollars
- B = Average weighted price of steel submitted with bid on project in \$ per pound
- P = Adjusted percentage change in PPI average from shipping date to bid date minus 10% (0.10) threshold
- Q = Total quantity of steel shipped to fabricator in October 2004 for this project in pounds

$$B = \$0.2816$$

$$P = (161.1 - 139.6) / 139.6 - 0.10 = 0.054$$

$$Q = 450,000 \text{ lb.}$$

$$A = 0.2816 \times 0.054 \times 450,000$$

$$A = \$6,842.88 \text{ pay adjustment to Contractor}$$

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20-Jan-05

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**Sample Calculation of a Price Adjustment (decrease)**

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Project bid on April 28, 2004.

Project has 450,000 lb. of structural steel.

Orders placed in timely manner and according to contract.

Contractor's \*f.o.b. supplier price for structural steel in bid is \$0.2816 per pound. \*free on board

Adjusted BLS Producers Price Index (PPI) most recently published average at time of bid is 156.6.

All steel shipped to fabricator in same month, October 2004.

Adjusted BLS Producers Price Index (PPI) most recently published average for month of October is 136.3

Adjustment formula is as follows:

$$A = B \times P \times Q$$

Where;

- A = Steel price adjustment in lump sum dollars
- B = Average weighted price of steel submitted with bid on project in \$ per pound
- P = Adjusted percentage change in PPI average from shipping date to bid date minus 10% (0.10) threshold
- Q = Total quantity of steel shipped to fabricator in October 2004 for this project in pounds

$$B = \$0.2816$$

$$P = (156.6 - 136.3) / 156.6 - 0.10 = 0.030$$

$$Q = 450,000 \text{ lb.}$$

$$A = 0.2816 \times 0.030 \times 450,000$$

$$A = \$3,801.60 \text{ credit to Department}$$

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**MASTER LISTING**

**STANDARD BID ITEMS ELIGIBLE FOR STEEL PRICE ADJUSTMENT**

Sept. 24, 2008 rev # 1 added 4 corrosion resistant re-bar items.  
 Dec. 4, 2008 rev # 2 deleted item 68138 straighten structural steel  
 January 14, 2009 rev # 3 identified BLS WPU used in \$ adjustment  
 March 18, 2009 added items 61813, 68109 & 68110

**BLS Series I. D.**

ITEM NUMBER	ITEM DESCRIPTION	UNITS	Number WPU used in \$ adjust.
00519	SHEET PILE, STEEL	SF	avg. 1017 & 101
00540	REINF. STEEL	LB	101704
00541	CORROSION RESISTANT REINF. STEEL CL. I	LB	101704
00542	EPOXY COATED REINF. STEEL	LB	101704
00560	STRUCTURAL STEEL JB-1	LB	avg. 1017 & 101
11030	REINF. STEEL BRIDGE APPR. SLAB	LB	101704
11181	PATCH. HYDR. CEM. CONC. PAVE.	SY	101704
13290	GUARDRAIL GR-8 (NCHRP 350 TL-3)	LF	avg. 1017 & 101
13292	GUARDRAIL GR-8A (NCHRP 350 TL-3)	LF	avg. 1017 & 101
13294	GUARDRAIL GR-8B (NCHRP 350 TL-3)	LF	avg. 1017 & 101
13310	GUARDRAIL TERMINAL GR-6 (NCHRP 350)	LF	avg. 1017 & 101
13312	GUARDRAIL TERMINAL GR-7 (NCHRP 350)	EA	avg. 1017 & 101
13315	GUARDRAIL TERMINAL GR-11	EA	avg. 1017 & 101
13320	GUARDRAIL GR-2	LF	avg. 1017 & 101
13323	GUARDRAIL GR-2A	LF	avg. 1017 & 101
13331	RAD. GUARDRAIL GR-2	LF	avg. 1017 & 101
13333	RAD. GUARDRAIL GR-2A	LF	avg. 1017 & 101
13335	GUARDRAIL GR-3	LF	avg. 1017 & 101
13345	ALTERNATE BREAKAWAY CABLE TERMINAL (GR-9)	EA	avg. 1017 & 101
13351	GUARDRAIL GR-8	LF	avg. 1017 & 101
13352	GUARDRAIL GR-8A	LF	avg. 1017 & 101
13353	GUARDRAIL GR-8B	LF	avg. 1017 & 101
13355	GUARDRAIL GR-10	LF	avg. 1017 & 101
13421	MEDIAN BARRIER MB-3	LF	avg. 1017 & 101
13450	MEDIAN BARRIER MB-5	LF	avg. 1017 & 101
13451	MEDIAN BARRIER MB-5A	LF	avg. 1017 & 101
13452	MEDIAN BARRIER MB-5B	LF	avg. 1017 & 101
13545	REINF. STEEL	LB	101704
13594	TRAF. BARR. SER. GUARD RAIL TER. GR-7	EA	avg. 1017 & 101
13594	TRAF. BAR. SER. GD. RAIL TER. GR-7	EA	avg. 1017 & 101
14502	REINFORCING STEEL	LB	101704
15290	PATCH. CEM. CONC. PAVE. TY. CRCP-A	SY	101704
15302	PATCH. CEM. CONC. PAVE. TY. II	SY	101704
15305	PATCH. CEM. CONC. PAVE. TY. IV-A	SY	101704
17323	GUARDRAIL BEAM	LF	avg. 1017 & 101
17325	RADIAL GUARDRAIL BEAM	LF	avg. 1017 & 101
17327	RUB RAIL	LF	avg. 1017 & 101
17342	STEEL TUBE GR-7	EA	avg. 1017 & 101
17348	BREAKAWAY POST GR-7	EA	101704
17353	CABLE GR-3	LF	avg. 1017 & 101
17381	POST (BENT PLATE OR S 75 X 8.5 STEEL) GR	EA	avg. 1017 & 101
22501	FENCE FE-W1	LF	avg. 1017 & 101
22643	FENCE FE-CL	LF	avg. 1017 & 101
22645	FENCE FE-CL VINYL COATED	LF	avg. 1017 & 101
23043	WATER GATE FE-4 TY. III	LF	avg. 1017 & 101

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23501	FENCE FE-W1 (FABRIC ONLY)	LF	avg. 1017 & 101
45522	4" STEEL ENCASE. PIPE	LF	101706
45532	6" STEEL ENCASE. PIPE	LF	101706
45562	16" STEEL ENCASE. PIPE	LF	101706
45572	18" STEEL ENCASE. PIPE	LF	101706
45582	24" STEEL ENCASE. PIPE	LF	101706
45584	24" JACKED STEEL ENCASUREMENT PIPE	LF	101706
45592	30" STEEL ENCASE. PIPE	LF	101706
50402	SIGN POST STEEL 3"	LF	101706
50404	SIGN POST STEEL 4"	LF	101706
50406	SIGN POST STEEL 6"	LF	101706
50410	SIGN POST STEEL 10"	LF	101706
50412	SIGN POST STEEL 12"	LF	101706
50414	SIGN POST STEEL 14"	LF	101706
50416	SIGN POST STEEL 16"	LF	101706
50418	SIGN POST STEEL 18"	LF	101706
51317	SIG. POLE MP-1 20' ONE ARM 30'	EA	101706
51319	SIG. POLE MP-1 20' ONE ARM 32'	EA	101706
51325	SIG. POLE MP-1 20' ONE ARM 38'	EA	101706
51327	SIG. POLE MP-1 20' ONE ARM 40'	EA	101706
51329	SIG. POLE MP-1 20' ONE ARM 42'	EA	101706
51331	SIG. POLE MP-1 20' ONE ARM 44'	EA	101706
51337	SIG. POLE MP-1 20' ONE ARM 50'	EA	101706
51339	SIG. POLE MP-1 20' ONE ARM 52'	EA	101706
51341	SIG. POLE MP-1 20' ONE ARM 54'	EA	101706
51344	SIG. POLE MP-1 20' ONE ARM 56'	EA	101706
51346	SIG. POLE MP-1 20' ONE ARM 58'	EA	101706
51347	SIG. POLE MP-1 20' ONE ARM 60'	EA	101706
51348	SIG. POLE MP-1 20' ONE ARM 62'	EA	101706
51368	SIG.POLE MP-1 20'TWO ARMS 36'& 42'	EA	101706
51400	SIG.POLE MP-1 CO.LU.ONE ARM 38	EA	101706
51402	SIG.POLE MP-1 CO.LU.ONE ARM 40	EA	101706
51408	SIG.POLE MP-1 CO.LU.ONE ARM 46	EA	101706
51412	SIG.POLE MP-1 CO.LU.ONE ARM 50	EA	101706
51414	SIG.POLE MP-1 CO.LU.ONE ARM 52	EA	101706
51416	SIG.POLE MP-1 CO.LU.ONE ARM 54	EA	101706
51418	SIG.POLE MP-1 CO.LU.ONE ARM 56	EA	101706
51420	SIG.POLE MP-1 CO.LU.ONE ARM 58	EA	101706
51422	SIG.POLE MP-1 CO.LU.ONE ARM 60	EA	101706
55162	LIGHTING POLE LP-1 30'-4'	EA	101706
55163	LIGHTING POLE LP-1 30'-6'	EA	101706
55166	LIGHTING POLE LP-1 30'-12'	EA	101706
55169	LIGHTING POLE LP-1 35'-6'	EA	101706
55171	LIGHTING POLE LP-1 35'-10'	EA	101706
55176	LIGHTING POLE LP-1 40'-8'	EA	101706
55185	LIGHTING POLE LP-2 TYPE A	EA	101706
55186	LIGHTING POLE LP-2 TYPE B	EA	101706
55187	LIGHTING POLE LP-2 TYPE C	EA	101706
55188	LIGHTING POLE LP-2 TYPE D	EA	101706
55189	LIGHTING POLE LP-2 TYPE E	EA	101706
55190	LIGHTING POLE LP-2 TYPE F	EA	101706
55192	LIGHTING POLE LP-2 TYPE H	EA	101706
60452	REINF. STEEL BRIDGE APPR. SLAB	LB	101704
61700	REINF. STEEL	LB	101704
61704	CORROSION RESISTANT REINF. STEEL	LB	101704
61705	EPOXY COATED REINF. STEEL	LB	101704
61711	CORROSION RESISTANT REINF.STEEL CL. I	LB	101704

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61712	CORROSION RESISTANT REINF.STEEL CL. II	LB	101704
61713	CORROSION RESISTANT REINF.STEEL CL. III	LB	101704
61750	STRUCT.STEEL HIGH STRG.PLT.GIRDERS	LB	avg. 1017 & 101
61811	STR.STEEL PLATE GIRDER ASTM A709 GRADE50	LB	avg. 1017 & 101
61812	STR.STEEL PLATE GIRDER ASTM A709 GRADE50	LB	avg. 1017 & 101
61813	STR.STEEL PLATE GIRDER ASTM A709 GRADEHPS50W	LB	avg. 1017 & 101
61814	STR.STEEL PLATE GIRDER ASTM A709 GRADEHPS70W	LB	avg. 1017 & 101
61820	STR.STEEL ROLLED BEAM ASTM A709 GRADE 36	LB	avg. 1017 & 101
61821	STR.STEEL ROLLED BEAM ASTM A709 GRADE50	LB	avg. 1017 & 101
61822	STR.STEEL ROLLED BEAM ASTM A709 GRADE50W	LB	avg. 1017 & 101
61990	STEEL GRID FLOOR	SF	avg. 1017 & 101
64110	STEEL PILES 10"	LF	avg. 1017 & 101
64112	STEEL PILES 12"	LF	avg. 1017 & 101
64114	STEEL PILES 14"	LF	avg. 1017 & 101
64768	DRIVING TEST FOR 12" STEEL PILE	LF	avg. 1017 & 101
64778	DRIVING TEST FOR 14" STEEL PILE	LF	avg. 1017 & 101
65200	REINF. STEEL	LB	101704
65204	CORROSION RESISTANT REINF. STEEL	LB	101704
65205	EPOXY COATED REINF. STEEL	LB	101704
65211	CORROSION RESISTANT REINF.STEEL CL. I	LB	101704
65212	CORROSION RESISTANT REINF.STEEL CL. II	LB	101704
65213	CORROSION RESISTANT REINF.STEEL CL. III	LB	101704
67086	PED. FENCE 6'	LF	avg. 1017 & 101
67088	PED. FENCE 8'	LF	avg. 1017 & 101
67089	PED. FENCE 10'	LF	avg. 1017 & 101
68091	CORROSION RESISTANT REINF.STEEL CL. I	LB	101704
68092	CORROSION RESISTANT REINF.STEEL CL. II	LB	101704
68093	CORROSION RESISTANT REINF.STEEL CL. III	LB	101704
68100	REINF. STEEL	LB	101704
68104	CORROSION RESISTANT REINF. STEEL	LB	101704
68105	EPOXY COATED REINF. STEEL	LB	101704
68107	STR.STEEL PLATE GIRDER ASTM A709 GRADE50	LB	avg. 1017 & 101
68108	STR. STEEL PLATE GIRDER ASTM A709 GR50W	LB	avg. 1017 & 101
68109	STR. STEEL PLATE GIRDER ASTM A709 GR.HPS50W	LB	avg. 1017 & 101
68110	STR. STEEL PLATE GIRDER ASTM A709 GR.HPS70W	LB	avg. 1017 & 101
68112	STR.STEEL ROLLED BEAM ASTM A709 GR.36	LB	avg. 1017 & 101
68113	STR.STEEL ROLLED BEAM ASTM A709 GR.50	LB	avg. 1017 & 101
68114	STR.STEEL ROLLED BEAM ASTM A709 GR. 50W	LB	avg. 1017 & 101
68115	STRUCT. STEEL	LB	avg. 1017 & 101
68270	REINF. STEEL BRIDGE APPR. SLAB	LB	101704
69060	SHEET PILES, STEEL	SF	avg. 1017 & 101
69091	CORROSION RESISTANT REINF.STEEL CL. I	LB	101704
69092	CORROSION RESISTANT REINF.STEEL CL. II	LB	101704
69093	CORROSION RESISTANT REINF.STEEL CL. III	LB	101704
69100	REINF. STEEL	LB	101704
69104	CORROSION RESISTANT REINF. STEEL	LB	101704
69105	EPOXY COATED REINF. STEEL	LB	101704
69110	STEEL PILES 10"	LF	avg. 1017 & 101
69112	STEEL PILE 12"	LF	avg. 1017 & 101
69113	DRIVING TEST FOR 12" STEEL PILE	LF	avg. 1017 & 101

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[SP700-000180-02](#)

VIRGINIA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION FOR  
**MODIFICATIONS TO AASHTO'S SIGN STRUCTURE SPECIFICATION**

May 2, 2018

**I. GENERAL REQUIREMENTS**

Lighting (conventional and high mast), signal (overhead, mast arm and span wire), pedestal poles, overhead (span, cantilever and butterfly) sign structures, and ITS structures (camera poles, dynamic message signs (DMS), etc.) shall conform to the requirements of the AASHTO *Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 6<sup>th</sup> Edition (LTS-6), 2013 with 2015 interims* as modified by this Special Provision. Any AASHTO Specification optional design parameter noted as "may be used at the discretion of the owner" that are not addressed in this document shall not be used for design.

Modifications to span or height limits shown on the plans shall be approved by the Regional Traffic Engineer.

**II. WIND LOADING (LTS-6 Article 3.8 and Appendix C)**

1. The alternate method for wind pressures provided in AASHTO Appendix C shall be used. Linear interpolation between wind contours is not permitted. The next higher contour shall be used for design. Reduced forces shall not be used for free swinging traffic signal and free swinging sign wind loadings.
2. **LTS-6 Article C.2** is supplemented with the following: Wind speeds using 50-year mean recurrence shall be used for all conventional light poles, high mast light poles, ITS device support poles, and overhead sign structures (span, cantilever and butterfly).
3. Mast arm signal poles, mast arms, and strain poles shall be designed using the following wind speeds:

<b>VDOT Traffic Operations Region</b>	<b>VDOT Districts Within That Region</b>	<b>Design Wind Speed for strain poles, mast arms, and mast arm poles</b>
Southwest	Bristol, Salem, and Lynchburg	70 MPH
Northwest	Staunton and Culpeper	70 MPH
Northern	Northern Virginia	80 MPH
Central	Richmond and Fredericksburg	80 MPH
Eastern	Hampton Roads	90 MPH

Mast arm signal pole and strain pole foundations shall be designed for wind speeds at the foundation location using the 25-year mean recurrence.

4. For special wind regions in Bristol District shown in Figure 3.8.3-2 of LTS-6, the selection of the design wind speed shall consider localized effects. The minimum design wind speed for 50 year mean in these areas is 90 MPH, 25 year mean in these areas is 80 MPH and 10 year mean in these areas is 70 MPH.

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5. For structures elevated above the surrounding terrain (e.g. bridge mounted light pole, overhead sign, and other structures), the height factor shall be increased to account for the increased wind effects.

**III. STEEL DESIGN**

1. **Laminated Structures (LTS-6 Article C5.1):** Laminated or multi-ply structures shall only be used in tapered sections.
2. **Holes and Cutouts, Unreinforced and Reinforced (LTS-6 Article 5.14.5):** The location and size of hand holes and cutouts shall be in accordance with the details shown in the Standard Drawings. For high mast light poles, the width of unreinforced and reinforced holes and cutouts in the cross-sectional plane of the tube shall not be greater than 50 percent of the tube diameter at that section.
3. **Welding:** A connection detail using a full penetration groove weld with a backing ring may be considered for all traffic structures. For tubes 18" diameter and greater, the backing ring shall be attached at the top and bottom face of the ring using a continuous fillet weld. For tubes less than 18" diameter, the backing ring shall be attached at the bottom face using a continuous fillet weld and the top shall be caulked to provide a thick durable continuous seal. The caulk shall be a durable material approved by the Engineer which is formulated for this type of Industrial application..
4. **Diameter:** Mast arm signal pole structures shall have the following maximum column and arm outside diameters, unless otherwise approved by the Engineer.

Configuration	Arm Length	Design Loading	Max. column diameter at base of column	Max. arm diameter at base of arm
Dual arm	Length of one arm exceeds 70 feet or total length of both arms exceeds 130 feet	Varies (Project specific loads will be provided on the Plans)	22 inches	20 inches
	All other dual-arm structures	Design loading does not exceed Standard Drawing MP-3	20 inches	18 inches
Single arm	> 75 feet	Varies (Project specific loads will be provided on the Plans)	22 inches	20 inches
	≤ 75 feet	"Case 2" loading as per Standard Drawing MP-3	22 inches	20 inches
		"Case 1" loading as per Standard Drawing MP-3	20 inches	18 inches



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**IV. FATIGUE DESIGN**

1. **Fatigue Importance Categories (LTS-6 Article 11.6):** The following fatigue importance categories shall apply to structures:

<b>Fatigue Importance Categories</b>		
<b>Structure Type</b>	<b>Span Length<sup>1</sup>, ft.</b>	<b>Fatigue Category</b>
All structures supporting dynamic message signs or partial dynamic message signs <sup>3</sup>	All span lengths	Category I
Overhead sign span structure	> 150	Category I
	≤ 150	Category II
Overhead sign cantilever structure	> 50	Category I
	≤ 50	Category II
Overhead sign butterfly structure	All span lengths	Category II
Signal mast arm structure <sup>2</sup>	> 75	Category I
	50 to ≤ 75	Category II
	< 50	No fatigue design required
Overhead signal structure	> 190	Category I
	≤ 190	Category II
High mast light poles	All lengths	Category I
Signal span wires, conventional lights poles and ITS device support poles (excluding DMS)		No fatigue design required

<sup>1</sup>Span length is defined as center-to-center of column(s) for span structure and face-of-column to tip of arm for cantilever and signal structures.

<sup>2</sup>For twin mast arms, the pole, arms and connections shall be designed for the applicable fatigue category for the longest arm attached.

<sup>3</sup>Partial dynamic message signs may be treated as static signs for the purposes of determining Fatigue Category if the dynamic message portion of the sign does not exceed the thickness or weight of an equivalently-sized extruded aluminum sign.

2. **Mitigation Devices (LTS-6 Article 11.6 and 11.7.1):** Mitigation devices shall not be used in lieu of designing for fatigue.
3. **Aluminum light poles (LTS-6 Article 11.6 and 11.7.1):** Internal first and second mode vibration dampeners shall be provided and installed according to the manufacturer's instructions in all cases. External dampeners may be used if approved by the Engineer.
4. **Galloping Loads (LTS-6 Article 11.7.1):** Galloping loads shall not be considered in the design of overhead sign cantilevered structures with four chord trusses, signal mast arm structures, and multi-chord overhead signal structures.
5. **Truck-Induced Gust Loads (LTS-6 Article 11.7.1.3):** Truck induced gust loads shall not be considered in the design of signal mast arm and overhead signal structures.
6. **Vertical Deflection (LTS-6 Article 11.8):** The vertical deflection of the free end of the arm for overhead sign cantilevered structures due to the wind load effects of galloping or truck-induced gusts shall not exceed 8".

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**V. FOUNDATION DESIGN**

The AASHTO Standard Specifications for Highway Bridges, 1996, and the 1997 and 1998 Interim Specifications, as referenced in the AASHTO *Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals*, are modified as follows:

1. **Geotechnical Design:** The factor of safety shall be as follows:

<b>MINIMUM FACTORS OF SAFETY<sup>1</sup></b>			
	<b>Drilled Shaft</b>		
	<b>Overhead Sign Structures and all other types of ancillary structures except for Mast arm traffic Signals</b>	<b>Mast arm traffic Signals</b>	<b>Spread Footing</b>
Tip resistance/ Bearing pressure	1.75	1.75	2.0
Torsion/Sliding/Skin Friction	2.0 <sup>2</sup>	1.3 <sup>2</sup>	1.2 <sup>3</sup>
Overturning (Broms Method)	2.25	2.25	1.5

<sup>1</sup>The factors of safety shown above already account for the 1.33/1.40 group overload/overstress factor. No reduction shall be applied to the design loading used in the analysis.

<sup>2</sup>Torsion Resistance shall be evaluated as specified by the AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS (Seventh Edition, 2014) Section 10.8.3.5- Nominal Axial Compression Resistance of Single Drilled Shafts. A value of 1.0 shall be used in lieu of the resistance factors as shown in Table 10.5.5.2.4-1.

<sup>3</sup>Passive resistance shall be reduced by 50% to limit foundation movement.

In capacity calculations for the foundation design of a drilled shaft, the soil resistance of the top 1.5 feet shall be neglected in the analysis for torsion/skin friction/tip resistance. The full length of the shaft from the ground surface to the tip may be used in overturning/horizontal deflection. The remainder of the shaft may be assumed to be fully effective in supporting applied loads.

2. **Horizontal Deflection:** In lieu of Broms method, COM624P or other commercially available software may be used to evaluate the overturning of shafts and to estimate shaft deflections. For mast arm signals and span wire signals, the total horizontal deflection shall be limited to 0.75 inches at the ground level and the tip of the pile deflection shall not exceed -0.25 inches. For other structures, the total horizontal deflection shall be limited to 0.50 inches at the ground level and the tip of the pile deflection shall not exceed -0.15 inches. The loading used in the analysis shall not be reduced by the allowable overload/overstress factor. The shafts shall be modeled such that the nonlinear flexural rigidity (non-linear EI, or "cracked" section) is accounted for when the horizontal deflections are calculated.
3. **Reinforcement:** Where tremie placement of concrete is anticipated, a minimum spacing of 5 inches or 10 times the size of the largest coarse aggregate whichever is greater shall be provided in both horizontal and vertical direction. For dry shafts, a smaller space of 5 times the size of the largest coarse aggregate may be considered. A dry shaft is when the amount of standing water in the base of the shaft prior to concreting is less than or equal to 3 inches and water is entering the shaft at a rate of less than 12 inches/hour.

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SP801-000100-01

VIRGINIA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION FOR  
**LANE CLOSURE COORDINATION (LCC)/LANE CLOSURE IMPLEMENTATION (LCI)**

September 20, 2017

**I. General Requirements**

This work shall consist of coordinating and communicating lane closure operations through the local Transportation Operations Centers (TOC's). The Contractor shall coordinate lane closures in accordance with this Special Provision, and only implement lane closures with approval from the Department.

**II. Training**

The Contractor shall have individuals trained to input work-zone information into the Department's LCC/LCI system, currently LCAMS and VaTraffic, on a weekly basis and to update as needed. These individuals shall be able to speak, understand, read, and write English, and be able to operate a computer. No advanced computer skills are needed to use the LCAMS or VaTraffic systems. The Contractor shall have a computer with internet connectivity and email capability.

The Contractor shall contact the Regional TOC Work Zone Lane Closure (LCAMS/VaTraffic) Coordinator to initiate system access and schedule training, when necessary. The Department requires a 10 business-day notice to schedule classroom training for LCAMS. The Contractor's designated individuals shall complete the courses Introduction to VaTraffic, VaTraffic Reports, VaTraffic Planned Events, and VaTraffic Work Zones. LCAMS and VaTraffic training for the individuals shall be completed prior to the Notice to Proceed date.

**III. Lane Closure Process**

1. **Lane Closure Coordination Process.** All lane closures shall be entered as precisely as possible into the Lane Closure Advisory Management System (LCAMS) and VaTraffic no later than 8 AM on Thursday of the week prior to the planned lane closure, and updated as needed. For the purposes of this Special Provision, a week starts on Sunday. If this submission deadline changes (e.g., for weeks involving a holiday), the Engineer will notify the Contractor at least one week in advance. Final approval for the lane closure will be issued by the Engineer. All fields in LCAMS and VaTraffic must be properly filled out.

A. **Point of Contact.** The data fields labeled "Requesting Org POC" in LCAMS and "Point of Contact" in VaTraffic shall contain the name and email address of the person physically entering the request into LCAMS.

B. **Conflict Resolution.** LCAMS will identify and flag most conflicts, and will automatically assign priority as first-come, first-serve. The Contractor has the right to contact the higher-priority party and attempt resolution with them, provided the Contractor submits the final resolution to the Engineer no later than 5 PM on Thursday of the week prior to the planned lane closure. The Engineer will handle all unresolved conflicts between requests and other events according to the priorities listed below, with the highest priority item first. If some or all requests involved in the conflict are the same priority level, conflict resolution will be on a first-come, first-serve basis.

(1) **Emergency Work.** Work that if not done "*will result*" in damage to a motorist vehicle or infrastructure, or danger to public health and safety.

(2) **Lower Priority Items Previously Delayed.** Work that while considered a lower priority, if perpetually delayed could result in severe consequences.

(3) **Urgent Work.** Work that if not done "*may result*" in damage to the motorist vehicle or infrastructure, or danger to public health and safety.

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- (4) **Contractual Obligated Work.** Work that is expected to be accomplished “*on-time, on-budget*”.
  - (5) **Weather Dependent Work.** Work that is dependent on the temperature and clear or dry conditions.
  - (6) **Routine Maintenance Work.** Work that is routine in nature that can be rescheduled and moved around, within limits, without undue risk.
- C. The request shall be supported by the Schedule of Record, and the Engineer may deny requests which are not. The Contractor will be allowed to request lane closures to accommodate potential weather delays.
- D. The Contractor may revise his entries in LCAMS and VaTraffic after the Thursday deadline subject to the approval of the Engineer and the conflict resolution requirements herein.
2. **Lane Closure Implementation Process.** The Contractor shall notify the Regional TOC no later than 15 minutes, but no earlier than 45 minutes, prior to installing the lane closure, or no later than 15 minutes prior to scheduled start time if lane closure is delayed or canceled. The Contractor shall notify the TOC and update VaTraffic of any changes in lane-closure impact during the execution of work. The Contractor shall notify the Regional TOC no later than 15 minutes after the lane is reopened to traffic.
3. **Emergency Lane Closure.** If an Emergency Lane Closure is required, the Contractor shall coordinate directly with the TOC regarding the lane closure as soon as the location and size of the lane closure is known. An Emergency Lane Closure is defined as road work which could not have been anticipated and is required to protect the public from immediate, severe harm, and has a priority as defined by Section III-1B(1).

#### **IV. Measurement and Payment**

Lane closure coordination will not be measured or paid for separately, but the cost thereof shall be included in the price of other items.

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VIRGINIA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION FOR  
**SECTION 105.06—SUBCONTRACTING**  
**(FEDERAL FUNDED PROJECTS)**

February 9, 2017

**SECTION 105.06—Subcontracting** of the Specifications is amended to include the following:

- (d) According to Commonwealth of Virginia Executive Order 20, the Contractor is encouraged to seek out and consider Small, Women-owned, and Minority-owned (SWaM) businesses certified by the Department of Small Business and Supplier Diversity (DSBSD) as potential subcontractors and vendors. Further, the Contractor shall furnish and require each subcontractor (first-tier) to furnish information relative to subcontractor and vendor involvement on the project.

For purposes of this provision, the term “vendor” is defined as any consultant, manufacturer, supplier or hauler performing work or furnishing material, supplies or services for the contract. The Contractor and, or subcontractor (first-tier) must insert this provision in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services). The applicable requirements of this provision are incorporated by reference for work done by vendors under any purchase order, rental agreement or agreement for other services for the contract. The Contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or vendor.

The submission of a bid will be considered conclusive evidence that the Contractor agrees to assume these contractual obligations and to bind subcontractors contractually to the same at the Contractor’s expense.

When an approved Form C-31 “Subletting Request” is required according to IIM-CD-2013-06.01, the Contractor shall indicate on the Subletting Request if a subcontractor is a certified DBE or SWaM business.

The Contractor shall report all DBE, SWaM, and Non SWaM vendor payments quarterly to the District Civil Rights Office. The Contractor shall provide the information in a format consistent with Form C-63, Vendor Payment Compliance Report, subject to the approval of the Engineer.

DBE Participation and reporting shall be in accordance with the Special Provision for Section 107.15 (Use of Disadvantaged Business Enterprises).

If the Contractor fails to provide the required information, the Department may delay final payment according to Specification Section 109.10 of the Specifications.

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SS106-002016-02

July 6, 2018

VIRGINIA DEPARTMENT OF TRANSPORTATION  
2016 ROAD AND BRIDGE SUPPLEMENTAL SPECIFICATIONS  
**SECTION 106 – CONTROL OF MATERIAL**

**SECTION 106 – CONTROL OF MATERIAL** of the Specifications is amended as follows:

**Section 106.03 – Local Material Sources (Pits and Quarries)** is replaced with the following:

The requirements set forth herein apply exclusively to non-commercial pits and quarries from which materials are obtained for use on contracts awarded by the Department.

Local material sources shall be concealed from view from the completed roadway and any existing public roadway. Concealment shall be accomplished by selectively locating the pit or quarry and spoil pile, providing environmentally compatible screening between the pit or quarry site and the roadway, or using the site for another purpose after removal of the material, or restoration equivalent to the original use (such as farm land, pasture, turf, etc.). The foregoing requirements shall also apply to any pit or quarry opened or reopened by a subcontractor or supplier. However, the requirements will not apply to commercial sand and gravel and quarry operations actively processing material at the site prior to the date of the Notice of Advertisement.

The Contractor shall furnish the Engineer a statement signed by the property owner in which the property owner agrees to the use of his property as a source of material for the project. Upon completion of the use of the property as a material source and before Final Acceptance, the Contractor shall furnish the Engineer a release signed by the property owner indicating that the property has been satisfactorily restored. The requirements for a signed statement and release will not apply to commercial sources, sources owned by the Contractor, or sources furnished by the Department.

Local material pits and quarries that are not operated under a local or State permit shall not be opened or reopened without authorization by the Engineer.

Topsoil on Department owned or furnished borrow sites shall be stripped and stockpiled as directed by the Engineer for use as needed within the construction limits of the project or in the reclamation of borrow and disposal areas.

If payment is to be made for material measured in its original position, material shall not be removed until Digital Terrain Model (DTM) or cross-sections have been taken. The material shall be reserved exclusively for use on the project until completion of the project or until final DTM or cross-sections have been taken.

If the Contractor fails to provide necessary controls to prevent erosion and siltation the Department may direct the Contractor to cease all other operations and direct his efforts toward corrective action in accordance with Section 105.03(a), or may perform the work with state forces or other means determined by the Engineer using the same procedure as Section 105.14(e).

Costs for applying seed, fertilizer, lime, mulch, and for restoration of drainage, erosion and siltation control, regrading haul roads, and screening for this work will not be paid for under those Pay Items, but shall be included in the Contract price for the type of excavation or other appropriate Contract items.

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The Contractor shall be liable for penalties, fines, or the Department's costs or damages that result from his failure to prevent erosion or siltation and take restorative action.

After removing all the material needed from the local material sources, the Contractor shall remove metal, lumber, and other debris resulting from his operations and shall shape and landscape the area in accordance with the Contractor's agreement with the property owner.

- (a) Sources Furnished by the Department will be made available to the Contractor together with the right to use such property as may be required for a plant site, stockpiles, or haul roads. The Contractor shall confine his excavation operations to those areas of the property specified in the Contract. The Contractor shall be responsible for excavation that shall be performed in order to furnish the specified material.
- (b) Sources Furnished by the Contractor: The use of material from sources other than those furnished by the Department will not be permitted until test results have been approved by the Engineer and written authority for its use has been issued by the appropriate agency, organization, or individual.

The Contractor shall acquire the necessary rights to take material from sources he locates and shall pay all related costs, including costs that may result from an increase in the length of the haul. Costs of exploring, sampling, testing, and developing such sources shall be borne by the Contractor. The Contractor shall obtain representative samples from at least two borings in parcels of 10 acres or less and at least three additional borings per increment of 5 acres or portion thereof to ensure that lateral changes in material are recorded. Drill logs for each test shall include a soil description and the moisture content at intervals where a soil change is observed or at least every 5 feet of depth for consistent material. Samples obtained from the boring shall be tested by an approved laboratory for grading, Atterberg limits, CBR, maximum density, and optimum moisture. The Department will review and evaluate the material based on test results provided by the Contractor. The Department will reject any material from a previously approved source that fails a visual examination or whose test results show that it does not conform to the specific Contract requirements.

**Section 106.04(a) – Disposal Areas** is replaced with the following:

**Disposal Areas**

The Contractor shall dispose of materials not used on the project off the right of way. The Contractor's selection and use of off-right-of-way disposal areas shall comply with the Contract requirements and federal, state and local laws and regulations.

If an approved disposal area is not designated in the Contract, the Contractor shall obtain the necessary rights to property to be used as an approved disposal area. If the Contractor, having shown reasonable effort, is unsuccessful in obtaining the necessary rights to property to be used as an approved disposal area, the Department will obtain rights for a disposal area. Compensation will be in accordance with Sections 104.02 and 109.05.

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Disposal areas shall be cleared without damaging grass, shrubs, or vegetation outside the limits of the approved area and haul roads thereto, but do not need to be grubbed. After the material has been deposited, the area shall be shaped to minimize erosion and siltation of nearby streams and landscaped in accordance with the Contractor's agreement with the property owner

If the Contractor fails to provide and maintain necessary controls to prevent erosion and siltation, the Department may direct the Contractor to cease all other operations and direct his efforts toward corrective action in accordance with Section 105.03(a), or may perform the work with state forces or other means determined by the Engineer using the same procedure as Section 105.14(e).

The Contractor shall furnish the Engineer a statement signed by the property owner in which the owner agrees to the use of his property for the deposit of material from the project. Upon completion of the use of the property as an approved disposal area and before Final Acceptance, the Contractor shall furnish the Engineer a release signed by the property owner indicating that the property has been satisfactorily restored. This requirement will not apply to commercial sources, sources owned by the Contractor, or sources furnished by the Department.

**Section 106.08 – Storing Materials** is amended to replace the third paragraph with the following:

Chemicals, fuels, lubricants, bitumens, paints, raw sewage, and other potential pollutant-generating materials as determined by the Engineer or defined in the *VPDES General Permit For Discharge of Stormwater from Construction Activities* shall not be stored within any flood-prone area unless no other location is available. A flood-prone area is defined as the area adjacent to the main channel of a river, stream or other waterbody that is susceptible to being inundated by water during storm events and includes, but is not limited to, the floodplain, the flood fringe, wetlands, riparian buffers or other such areas adjacent to the main channel. If stored in a flood-prone area, the material shall be stored in one or more secondary containment structures with an impervious liner and be removed entirely from the flood-prone area at least 24 hours prior to an anticipated storm event that could potentially inundate the storage area. Any storage of these materials outside of a flood-prone area that is in proximity to natural or man-made drainage conveyances where the materials could potentially reach a river, stream, or other waterbody if a release or spill were to occur, must be stored in a bermed or diked area or inside a secondary containment structure capable of preventing a release. Any spills, leaks or releases of such materials shall be addressed according to Sections 107.16 (b) and (e). Accumulated rain water shall be pumped out of impoundment or containment areas into approved filtering devices. All proposed pollution prevention measures and practices must be identified by the Contractor in his Pollution Prevention Plan as required by the Specifications, other Contract documents or the *VPDES General Permit for Discharge of Stormwater from Construction Activities*.



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SS244-002016-02

April 15, 2019

VIRGINIA DEPARTMENT OF TRANSPORTATION  
2016 ROAD AND BRIDGE SUPPLEMENTAL SPECIFICATIONS  
**SECTION 244 – ROADSIDE DEVELOPMENT MATERIALS**

**SECTION 244 – ROADSIDE DEVELOPMENT MATERIALS** of the Specifications is amended as follows:

**Section 244.02(b) – Topsoil** is amended by replacing the first paragraph with the following:

Topsoil may be naturally occurring or may be manufactured and shall be free of foreign objects such as refuse, woody vegetation, stumps, roots, brush, stone larger than 3/4 inches, viable noxious weeds or weed seed, plant propagules, and any other material toxic or deleterious to plant growth. Maximum size of other foreign objects shall be 2 inches. Topsoil shall conform to the following:

**Section 244.02(b)1 – Class A topsoil** is replaced by the following:

**Class A topsoil** shall be stockpiled topsoil that has been salvaged from within the project limits in accordance with Section 303.04(a). It shall be the original layer of the soil profile formed under natural conditions, and its physical, chemical, and biological characteristics shall be consistent with the “A” horizon soil profile as defined by the United States Department of Agriculture–Natural Resources Conservation Service (USDA–NRCS) Soil Survey Division.

**Section 244.02(b)2 – Class B topsoil** is amended by replacing the first paragraph with the following:

Class B topsoil shall be topsoil furnished from sources outside the project limits and shall be either the original top layer of a soil profile formed under natural conditions, or manufactured top soil. Regardless of the source, all topsoil shall have the physical, chemical, and biological characteristics consistent with the “A” horizon soil profile as defined by USDA–NRCS Soil Survey Division. If the topsoil is not manufactured topsoil, then it shall consist of natural, friable, loamy soil without admixtures of subsoil or foreign materials. The Contractor shall provide to the Engineer a source of materials for topsoil planned for use on the project prior to use.

**Section 244.02(l) – Rolled Erosion Control Products** is replaced by the following:

Rolled Erosion Control Products:

1. Rolled Erosion Control Products (Standard EC-2) shall conform to Table II-22C and the following requirements. EC-2 products shall be designed for use on geotechnically stable slopes and channels as detailed herein.
  - a. EC-2, Type 1 shall be a relative short-term single-net erosion control blanket or open weave textile. EC-2, Type 1 shall be one of the following materials: (1) an erosion control blanket composed of processed degradable natural or polymer fibers mechanically-bound together by a single degradable synthetic or natural fiber netting to form a continuous matrix; or (2) an open weave textile composed of processed degradable natural or polymer yarns or twines woven into a continuous matrix. EC-2, Type 1 shall typically have a 12-month functional longevity from the date of installation and be designed for shear stresses up to 1.50 pounds per square foot, for use on up to 1V:3H slopes and channels.

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- b. EC-2, Type 2 shall be a relative short-term double-net erosion control blanket. The blanket shall be composed of processed natural or polymer fibers mechanically bound between two natural fiber or synthetic nettings to form a continuous matrix. EC-2, Type 2 materials shall typically have a 12-month functional longevity from the date of installation and be designed for shear stresses up to 1.75 pounds per square foot, for use on up to 1V:2H slopes and channels.
  - c. EC-2, Type 3 shall be an extended term erosion control blanket or open weave textile. EC-2, Type 3 blankets shall be one of the following materials: 1) an erosion control blanket composed of processed slow degrading natural or polymer fibers mechanically-bound together between two slow degrading synthetic or natural fiber nettings to form a continuous matrix; or 2) an open weave textile composed of processed slow degrading natural or polymer yarns or twines woven into a continuous matrix. EC-2, Type 3 material shall typically have a 24-month functional longevity from the date of installation and be designed for shear stresses up to 2.00 pounds per square foot, for use on slopes up to 1V:1.5H and channels.
  - d. EC-2 Type 4 shall be a long-term erosion control blanket or open weave textile. EC-2, Type 4 blankets shall be one of the following materials: (1) an erosion control blanket composed of processed slow degrading natural or polymer fibers mechanically-bound together between two slow degrading synthetic or natural fiber nettings to form a continuous matrix; or (2) an open weave textile composed of processed slow degrading natural or polymer yarns or twines woven into a continuous matrix. EC-2, Type 4 material shall typically have a 36-month functional longevity from the date of installation and be designed for shear stresses up to 2.25 pounds per square foot, for use on up to 1V:1H slopes and channels with.
2. **Permanent Rolled Erosion Control Products (Standard EC-3)** shall be permanent turf reinforcement mats conforming to Table II-22D and the following:
- a. **EC-3, Type 1** shall be a non-degradable mat of sufficient thickness, strength and void space for permanent erosion protection and vegetation reinforcement on geotechnically stable slopes with gradients up to 1V:1.5H, channels with design shear stresses up to 6.0 pounds per square foot, and on other areas where design flow conditions exceed the limits of sustainability for mature natural vegetation.
  - b. **EC-3, Type 2** shall be a non-degradable mat with sufficient thickness, strength and void space for permanent erosion protection and vegetation reinforcement on geotechnically stable slopes with gradients up to 1V:1H, channels with design shear stresses up to 8.0 pounds per square foot, and other areas where design flow conditions exceed the limits of sustainability for mature natural vegetation.
  - c. **EC-3, Type 3** shall be a non-degradable mat with sufficient thickness, strength and void space for permanent erosion protection and vegetation reinforcement for use on geotechnically stable slopes up to 1V:0.5H, channels with design shear stresses up to 10.0 pounds per square foot, and other areas where design flow conditions exceed the limits of sustainability for mature natural vegetation.

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**Section 244.02(o) – Sediment Tubes** is replaced with the following:

Sediment Tubes shall be composed of compacted material such as certified 100% weed free curled excelsior wood with 80% of the fiber being at least 4 inches in length, natural coconut fibers (bristle and mattress form obtained from freshwater cured coconut husk.), certified 100% weed free agricultural straw, certified 100% weed free hardwood mulch, or a mix of these materials or other VDOT-accepted materials enclosed by a tubular flexible outer netting material consisting of one of the following:

- Seamless, photo-degradable, high-density, polyethylene, polyester, or ethyl vinyl acetate, treated with ultraviolet stabilizers.
- Seamless, non-degradable, high-density polyethylene.
- Seamless, non-degradable, high-density polypropylene.
- Coir netting or coir fastening twine.

Sediment tubes of washed shredded recycled rubber particles with a minimum of 98% of metal removed contained in seamless, non-degradable, high-density polypropylene may be used for Inlet Protection and Temporary Check Dams in accordance with the Standard Drawings.

Straw, curled excelsior wood, or natural coconut products that are rolled up to create a sediment tube without an outer netting will not be allowed. Natural pine needles, leaf mulch, and grass clipping-filled sediment tubes will not be permitted.

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SS247-002016-01

March 6, 2019

VIRGINIA DEPARTMENT OF TRANSPORTATION  
2016 ROAD AND BRIDGE SUPPLEMENTAL SPECIFICATIONS  
**SECTION 247 – REFLECTIVE SHEETING**

**SECTION 247 – REFLECTIVE SHEETING of the Specifications is replaced with the following:**

**247.01 – Description**

This specification covers reflective sheeting used on traffic control devices to provide a retroreflective surface or message. The color of the reflective sheeting shall be as specified in the Contract. Reflective sheeting shall be certified in accordance with Section 106.06.

**247.02 – Detail Requirements**

Reflective sheeting shall be selected from the Department's Approved List 46. Except where outdoor testing is not required (as noted herein), the sheeting and any applied coatings including inks, overlay films, and all other coatings shall be tested by either NTPEP, the Department, or other Department-approved facilities, to ensure all the materials and the completed sign meet the outdoor weathering requirements in ASTM D4956 for both Retroreflectivity and Daytime Color (Chromaticity and Luminance Factor %).

Reflective inks and overlay films shall be approved by the sheeting manufacturer.

All orange and pink sheeting shall be fluorescent (except where noted).

- (a) **ASTM D4956, Type IX and XI Reflective Sheeting** shall be used for **Overhead Permanent Signs** as specified in Section 701.

Retroreflectivity and Color requirements shall be maintained for the values listed in ASTM D4956 after 3 years on the outdoor weathering test rack.

- (b) **ASTM D4956, Type IV, IX and XI Reflective Sheeting** shall be used for **Non-Overhead Permanent Signs** as specified in Section 701.

Retroreflectivity and Color requirements shall be maintained for the values listed in ASTM D4956 after 3 years on the outdoor weathering test rack.

- (c) **ASTM D4956 Type IX or XI Reflective sheeting** shall be used on **rigid devices that are not permanent signs or object markers**, including but not limited to the following:

- Temporary rigid (non-rollup) signs
- Delineators (Standard ED-2, Standard ED-3, barrier, and guardrail)
- Permanent impact attenuators (except permanent sand barrels)
- Guardrail end terminals
- Type 3 barricades (Orange sheeting does not have to be Fluorescent)
- Group 2 channelizing device vertical panels
- Directional indicator barricades
- STOP/SLOW hand paddles
- Rear panels of truck- and trailer-mounted attenuators
- Barrier panels temporarily installed on traffic barrier service

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The yellow portions of such devices shall be fluorescent.

Retroreflectivity and Color requirements for all colors (except fluorescent orange and fluorescent pink) shall be maintained for the values listed in ASTM D4956 after 3 years on the outdoor weathering test rack.

The retroreflectivity of fluorescent orange and fluorescent pink sheeting after 1 year on the outdoor weathering test rack shall be at least 50% of the retroreflectivity values specified for new (non-weathered) sheeting.

Color requirements for fluorescent orange and fluorescent pink sheeting shall be maintained after 1 year on the outdoor weathering test rack.

- (d) **ASTM D4956 Type IV reflective sheeting** meeting the ASTM D4956 Supplementary Requirements (S2) shall be used on the following traffic control devices:

- Tubular markers
- Flexible post delineators
- Drums (See Note 1 below)
- Temporary sand barrels (See Note 1 below)
- Permanent sand barrels
- Cones

Note 1 - Reflective sheeting on temporary sand barrels and drums shall also conform to the following table:

**Table 1 - Minimum Coefficient of Retroreflection  $R_A$**   
**( $R_A$  =Candelas per foot-candle per square foot)**

Observation Angle (°)	Entrance Angle (°)	White	Fluorescent Orange
0.2	-4	400	175
0.2	+30	200	100
0.2	+40	135	60
0.2	+45	120	40
0.5	-4	150	70
0.5	+30	50	30
0.5	+40	45	25
0.5	+45	40	20

The retroreflectivity of the sheeting after 1 year on the outdoor weathering test deck shall be at least 50 percent of the retroreflectivity values specified for new (non-weathered) sheeting, except that outdoor weathering testing is not required for reflective sheeting on cones.

- (e) Color requirements shall be maintained after 1 year on the outdoor weathering test rack, except that outdoor weathering testing is not required for reflective sheeting on cones. **Grade DOT-C2 Conspicuity Tape** shall conform to the retroreflectivity requirements of 49 CFR 571.108 and shall be used to delineate the back frame of trailer mounted traffic control devices (including, but not limited to, Portable Changeable Message Signs, Automatic Flagger Assistance Devices, electronic arrow boards, speed trailers, camera trailers, and portable lights) and traffic control devices equipped with gate arms. **Daytime Color shall conform to the requirements of ASTM D4956.**

Outdoor weathering testing is not required for Grade DOT-C2 conspicuity tape.

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- (f) **Reflective sheeting used on Retroreflective Rollup Signs** shall conform to the following:

<b>Minimum Coefficient of Retroreflection <math>R_A</math> (<math>R_A</math> =Candelas per foot-candle per square foot)</b>					
<b>Observation Angle (°)</b>	<b>Entrance Angle (°)</b>	<b>White</b>	<b>Green</b>	<b>Fluorescent Orange</b>	<b>FluorescentPink</b>
0.2	-4	500	60	200	200
0.2	+30	200	24	80	100
0.5	-4	225	-	90	100
0.5	+30	85	27	35	35
1.0	-4	20	10	10	10
1.0	+30	15	-	8	10
1.5	-4	5	-	3	2
1.5	+30	4	-	1.5	2

Outdoor weathering testing is not required for reflective sheeting used on rollup signs.

- (g) **Reflective sheeting on hand signaling flags and gate-arm flags** shall conform to the following:

<b>Minimum Coefficient of Retroreflection <math>R_A</math></b>		
<b>Observation Angle (°)</b>	<b>Entrance Angle (°)</b>	<b>Orange/Red Sheeting (<math>R_A</math>)</b>
0.2	-4	50

#### 247.03 – Reflective Sheeting Warranty Requirements

The minimum values of retroreflectivity maintained during the warranty period shall be the same as those required for the maintained coefficient of retroreflection values as indicated in ASTM D4956 for Outdoor Weathering Photometric Requirements for All Climates.

Loss of colorfastness is considered to have occurred if the color of the sheeting is not within the color specification limits in ASTM D4956 during the full duration of the warranty period.

Warranty periods shall begin on the date of installation. Contractor shall label permanent signs with date of installation as per Section 701.

- (a) **Permanent Devices with ASTM D4956 Types IX or XI sheeting:** 12-year warranty with 7 years being 100% full replacement covering all material and labor costs associated with fabrication and installation of the sign or device and the final 5 years being 100% sheeting material replacement cost.
- (b) **Permanent Devices with ASTM D4957 Types IV sheeting:** 10-year warranty with 7 years being 100% full replacement covering all material and labor costs associated with fabrication and installation of the sign or device and the final 3 years being 100% sheeting material replacement cost.
- (c) **Temporary rigid signs, rollup signs, and other temporary devices:** 3-year full replacement covering all material and labor costs associated with fabrication of the sign or device.

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SS303-002016-04

March 14, 2019

VIRGINIA DEPARTMENT OF TRANSPORTATION  
2016 ROAD AND BRIDGE SUPPLEMENTAL SPECIFICATIONS  
**SECTION 303 – EARTHWORK**

**SECTION 303 – EARTHWORK** of the Specifications is amended as follows:

**Section 303.02(c) – Geotextile materials used for embankment stabilization** is replaced with the following:

**Geotextile materials used for embankment stabilization** shall conform to Section 245.03(d).

**Section 303.02(f) – Fabric used for Turbidity Curtains** is inserted as follows:

**Fabric used for Turbidity Curtains** shall conform to Section 245.03(k).

**Section 303.03(b) – Soil Stabilization** is amended by replacing the first paragraph with the following:

**Soil Stabilization:** The Contractor shall begin soil stabilization as soon as practicable, but no later than the end of the next business day, following the day when the land-disturbing activities on any portion of the Project have permanently or temporarily ceased for an anticipated duration of greater than 14 days. The Contractor shall complete soil stabilization within seven days of reaching final grade or from when land-disturbing activities have permanently or temporarily ceased for an anticipated duration of greater than 14 days. Initiation of soil stabilization includes, but is not limited to, prepping the soil for vegetative or non-vegetative stabilization, applying mulch or other non-vegetative product to exposed soil, and seeding or planting the exposed area. The Contractor can initiate soil stabilization activities on a portion of the area to be stabilized and not on the entire area, so long as the initiation and completion of stabilization activities occurs on the entire disturbed area within the allowable timeframe for soil stabilization. Areas within 100 feet of the limits of ordinary high water or a delineated wetland are excluded from this requirement, but the work shall be continuously prosecuted until completed, and then stabilized immediately upon completion of the work in each impacted area. Soil stabilization includes: temporary and permanent seeding, riprap, aggregate, sod, mulching, and soil stabilization blankets and matting in conjunction with seeding. The applicable type of soil stabilization shall depend upon the location of areas requiring stabilization, time of year, weather conditions, and stage of construction operations.

**Section 303.03(c) – Check Dams** is replaced with the following:

**Check Dams:** The Contractor shall install required check dams at the interval and locations shown on the Plans in accordance with the standard specified. When the Plans do not provide locations or intervals the Contractor shall install check dams below the outfall end of drainage structures and other necessary locations in consultation with the Engineer and in accordance the check dam standard specified.

Temporary Check Dams conforming to Standard Drawing EC-16 for temporary erosion control shall conform to Section 244.02(o). Only products on the Department's Approved List 83 may be used for temporary check dams. Substitutions for Standard Drawing EC-4 Rock Check Dams, Type I or II are not permitted.



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**Section 303.03(e)1 – Temporary Silt Fences** is replaced with the following:

Temporary silt fences: Silt fences will be specified by type and shall be erected at locations shown on the Plans or as determined by the Engineer. Posts shall be driven no less than 24 inches into the ground uniformly installed with an inclination toward the potential silt load area of at least 2 degrees but not more than 20 degrees. Geotextile fabric used for silt fences shall be provided and erected at a height of 24 inches above original ground. The bottom of the fabric shall be entrenched in the ground 12 inches (6 inches vertically and 6 inches horizontally) in a minimum 6-inch by 6-inch trench. Silt fence may also be entrenched using a slicing method with a minimum of 8 inches sliced into the ground. A continuous roll of fabric cut to the length of the silt fence is preferred to avoid the use of joints. When joints are unavoidable, fabric shall be spliced together only at a support post, with a minimum 6-inch overlap, and securely sealed by double folding ends together. Attaching fabric to existing trees will not be permitted.

- a. Type A silt fence usage is limited to a fill height of 20 feet or less. Posts shall not be spaced more than 4 feet apart and shall be oak wood with nominal dimensions of 2 inch by 2 inch.
- b. Type B silt fence is required for fill heights greater than 20 feet. Post shall not be spaced more than 4 feet apart and shall be steel with a minimum weight of 1.25 pounds per linear foot. Type A and B Silt Fence post shall have a finished height of no less than 6 inches above the fabric. The fabric shall be firmly secured to the post at both the top and vertical midpoint of the fabric. The top of the fabric shall be installed with a 1-inch tuck or reinforced top end section.

Type A and B Silt Fence shall be in accordance with the Standard Drawing EC-5.

**Section 303.03(e)3 – Temporary Filter Barriers** is deleted.

**Section 303.03(g) – Erosion Control Mulch** is amended by replacing the second paragraph with the following:

Mulch shall be applied to exposed slopes requiring mulch or to areas to be stabilized or paved within 48 hours after performance of grading operations in accordance with Section 603.03(e).

**Section 303.03(i) – Turbidity Curtain** is replaced with the following:

Turbidity Curtain: This work consists of installation, maintenance, and removal of a turbidity curtain, including all necessary cables, weights, and floats in accordance with this provision and in conformity with the lines, grades and details shown on the Plans or established by the Engineer. The curtain shall be provided as a temporary measure to minimize the drift of suspended material during construction of the Project.

Type I turbidity curtain shall be used in protected areas that are sheltered from waves; and exposed only to light winds, and to current velocities of less than one foot per second.

Type II turbidity curtain shall be used in areas subject to small to moderate current velocities (up to 2 knots or 3.5 feet per second) or moderate wind and wave action.

**TYPE III** turbidity curtain shall be used in areas subject to considerable current (up to 3 knots or 5 feet per second), tidal action, or where the curtain is potentially subject to wind and wave action.

In locations with currents greater than 3 knots (5 feet per second) perpendicular to the barrier, or weather conditions that cause a turbidity barrier to be ineffective, a turbidity barrier shall not be used.



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Floatation shall be flexible, buoyant units contained in a floatation sleeve or collar attached to the curtain. Buoyancy provided by the floatation units shall be sufficient to support the required width of the curtain and maintain a freeboard of at least 3 inches above the water surface level, to a minimum of one foot above the bottom or a maximum ten foot depth at all stages of water levels.

Load lines shall be fabricated into the top and bottom of the curtain. The top load line shall consist of woven webbing or vinyl-sheathed steel cable and shall have a minimum break-strength of 9,800 pounds. The bottom load line shall consist of a chain incorporated into the bottom hem of the curtain of sufficient weight to serve as ballast to hold the curtain in a vertical position. Additional anchorage shall be provided if necessary to top load lines. The load lines shall have suitable devices, which develop the full breaking strength for connecting to load lines in adjacent sections.

The Contractor shall submit Working Drawings to the Engineer for review in accordance with Section 105.

The curtain shall be placed at the locations shown on the Plans and in accordance with the approved Working Drawings. The Contractor shall maintain the turbidity curtain in order to ensure the continuous protection of the waterway.

The curtain shall extend the entire depth of the watercourse whenever the watercourse is not subject to tidal action or significant wind or wave action.

In tidal or wind-and-wave action situations, the curtain shall never touch the bottom. A minimum 1-foot gap shall be established between the weighted lower end of the skirt and the bottom at the mean low water.

Turbidity curtains installed in a navigable waterway shall be marked with lighted buoys that conform to U.S. Coast Guard regulations.

When the curtain is no longer required as determined by the Engineer, the curtain and related components shall be removed in such a manner as to minimize turbidity. The curtain and related components shall become the property of the Contractor and shall be removed from the project.

**Section 303.03(j) – Inlet Protection** is inserted as follows:

When sediment retention rolls are used in accordance with the EC-6 standard for Type A or Type B inlet protection they shall conform to Section 244.02(o). Only sediment retention roll products on the Department's Approved List 83 may be used for inlet protection Type A or B.

**Section 303.04(i)1 – Settlement plates** is amended to replace the third paragraph with the following:

Settlement plates shall remain in place until settlement has been completed as indicated by elevation readings taken by the Engineer at approximately 2-week intervals. Evaluation of the readings by the Engineer will be the final and sole governing factor for releasing embankments for grading operations. Upon written release by the Engineer, extensions of settlement plate pipe shall be removed to at least 2 feet below the subgrade, the pipe filled with lean grout, and the area backfilled and compacted. Other types of settlement gauges (e.g. Manometer Settlement Gauge) may be used as approved by the Engineer.

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**Section 303.06(e)4 – Check dams** is replaced with the following:

Check dams (Rock Check and Temporary) will be measured in units of each and will be paid for at the contract unit price per each. This price shall include furnishing, excavating, constructing, maintaining and removing the check dams if, or when, no longer required.

**Section 303.06(e)5 – Temporary silt fence type A** is renamed **Temporary silt fence type A or B** and replaced with the following:

Temporary silt fence type A or B will be measured in linear feet from edge of the fabric to edge of fabric, complete-in-place, excluding laps, and will be paid for at the Contract linear foot price. Decomposed or ineffective geotextile fabric replaced after 6 months from the installation date will be measured in linear feet of temporary silt fence type A or B and paid for at 1/2 the contract unit price for temporary silt fence. Decomposed geotextile fabric required to be replaced prior to 6 months after installation will not be measured for payment. This price shall include furnishing, installing and maintaining the silt fence, including fabric and posts; removing and disposing of these materials, and dressing and stabilizing the area.

Section 303.06(e)6 – Temporary silt fence type B is deleted.

**Section 303.06(e)8 – Temporary Filter Barriers** is deleted.

**Section 303.06(e)16c – Inlet Protection Type C** is deleted.

**Section 303.06(e)20 – Turbidity Curtain** is replaced with the following:

Turbidity curtain will be measured in linear feet from edge of the curtain along the support cable. Turbidity curtain will be paid for at the contract unit price per linear foot for the type specified. This price shall include design details, furnishing, installing, maintaining, and removal of all materials necessary to complete the work.

Section 303.06 – Measurement and Payment is amended by revising the Pay Item Table as follows:

The following Pay Items are removed:

<b>Pay Item</b>	<b>Pay Unit</b>
Check dam (Type) (Log, rock, or straw)	Each

The following Pay Items are inserted:

<b>Pay Item</b>	<b>Pay Unit</b>
Check dam (Type) (Temporary(Size) rock, or straw)	Each

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SS407-002016-01

May 11, 2018

VIRGINIA DEPARTMENT OF TRANSPORTATION  
2016 ROAD AND BRIDGE SUPPLEMENTAL SPECIFICATIONS

**SECTION 407 – STEEL AND OTHER METAL STRUCTURES**

**SECTION 407 – STEEL AND OTHER METAL STRUCTURES** of the Specifications is amended as follows:

**Section 407.04(a) – Welds** is replaced with the following:

**Welds:** Only welding or tack welding noted on the Plans shall be performed on structural steel, reinforcing steel, or aluminum units.

Partial penetration welding shall not be allowed without the written permission of the Engineer.

Preheat shall be applied in accordance with the applicable AWS code for the thickness and grade of material, but in no case shall be less than 70°F.

Structural units shall not be used as a worktable. Welding on other work shall be completed before parts are installed on units.

Groove welds in flange plates, cover plates, and longitudinal stiffeners shall be ground flush. Groove welds in legs of rigid frames, webs of exterior girders, and beams shall be ground flush on the exposed side. Cope holes shall not be filled. The perimeter of cope holes shall be ground smooth. Temporary erection bolt holes shall be filled with high-strength bolts and tightened in accordance with the specifications herein.

Electroslag welding (ESW-NG) will not be allowed on Fracture Critical members. ESW-NG will only be allowed in other cases with written approval of the Engineer and in accordance with AWS D1.5. All ESW-NG shall be inspected in accordance with VTM 29 and VTM 30. Electro gas welding will not be allowed.

Welds that do not conform to the specifications as determined by visual inspection or nondestructive testing shall be repaired, or if not repairable, removed and replaced by the Contractor by methods permitted in the specifications or the Engineer will reject the entire piece. The Engineer will re-inspect repaired or replaced welds in accordance with the applicable nondestructive testing method.

The Contractor shall submit or shall have the fabricator submit to the Engineer a copy of the certificate of qualifications for each welder, welding operator, or tacker employed in the work. The Contractor shall also submit to the Engineer a certificate stating that the welder, welding operator, or tacker has not exceeded any period of 3 months since the date of qualification without performing satisfactory welding in the required process. The qualification certification shall state the name of the welder, operator, or tacker; name and title of the person who conducted the examination; type of specimens; position of welds; results of tests; and date of the examination. The qualification certification shall be made by a Department approved agency.

Welds for reinforcing steel, including tack welds, shall conform to AWS D1.4.

Welding of aluminum shall conform to AWS D1.2.

Welds for tubular structures shall conform to AWS D1.1 for cyclically loaded tubular structures, unless using ESW-NG.

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**CONTRACT ID. NO.: C00114881N01**

SS701-002016-01

March 11, 2019

VIRGINIA DEPARTMENT OF TRANSPORTATION  
2016 ROAD AND BRIDGE SUPPLEMENTAL SPECIFICATIONS  
**SECTION 701 – TRAFFIC SIGNS**

**SECTION 701 – TRAFFIC SIGNS** of the Specifications is amended as follows:

**Section 701.02 – Materials** is replaced with the following:

- (a) **Reflective sheeting** shall conform to Section 24 7 and shall be selected from the Department's Approved List 46. The color for the legend and background shall be in accordance with the MUTCD and as specified in the Plans.
1. **Overhead Permanent Signs** (signs attached to sign structures which overhang travel lanes) that are not illuminated with sign lighting shall use ASTM D4956 Type XI reflective sheeting. Overhead permanent signs that are illuminated with sign lighting shall use ASTM D4956 Type IX sheeting.
  2. **Non-Overhead Permanent Signs** (including ground-mount signs, signs attached to traffic signal supports, and signs attached to sign structures that do not overhang travel lanes) shall use ASTM D4956 reflective sheeting as follows:

Background Color of Sign	Sheeting Type <sup>1</sup>
White	ASTM D4956 Type XI
Red	ASTM D4956 Type XI
Yellow	ASTM D4956 Type XI <sup>2</sup>
Fluorescent Yellow-Green	ASTM D4956 Type XI <sup>3</sup>
Green	ASTM D4956 Type XI
Black	ASTM D4956 Type XI
Purple	ASTM D4956 Type XI
Brown	ASTM D4956 Types IV, IX, or XI
Blue	ASTM D4956 Types IV, IX, or XI

<sup>1</sup>The following signs may use ASTM D4956 Types IV, IX, or XI, regardless of color: Pushbutton education signs (R10-series signs mounted adjacent to pedestrian pushbuttons), Signs erected on bikeways physically separated from adjacent roads, R7- or R8-series parking restriction signs located on non-limited-access highways, D10-series Reference Location Signs (mile markers) and Intermediate Reference Location Signs, and Post-mounted street name signs.

<sup>2</sup>The yellow portions of all yellow W1-series (horizontal change of alignment) signs, W10-series (railroad warning) signs, and object markers, including supplemental plaques erected beneath those signs, shall be fluorescent. All other yellow sheeting on signs may be fluorescent or non-fluorescent.

<sup>3</sup>All temporary and permanent warning signs related to school zones, pedestrians, or bicyclists (including associated supplemental plaques) shall use fluorescent yellow-green sheeting where required by the VA Supplement to the MUTCD unless otherwise specified on the Plans.

- (b) **Sign panel rivets** for overhead signs attached to cantilever, butterfly, or truss sign structures shall be powder coated to match the color of the portion of the sign sheeting from which the rivets will protrude. The rivets shall be fabricated in accordance with Standard Drawing SPD-1.

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- (c) **Sign panel substrates for permanent flat sheet signs** shall be in accordance with the below table, and shall be smooth, flat, and free of metal burrs and splinters.

<b>Sign width<sup>1</sup></b>	<b>Allowable substrate</b>
47 inches and less	0.080 or 0.100 inch aluminum
48 inches and more	0.100 inch aluminum
Overlay panel	0.063 inch aluminum

<sup>1</sup>For diamond-shaped signs, width is measured along the sign's edge.

Aluminum substrates for permanent flat sheet signs and overlay panels shall be aluminum alloy in accordance with Section 229.02(a).

- (d) **Extruded sign panels** shall conform to the Standard Drawings and Section 229.02(c).

- (e) **Temporary signs** shall conform to Section 512.02.

**Section 701.03(a)2 – Sign Panels** is deleted.

**Section 701.03(a)3 – Applying retroreflective background sheeting** is replaced with the following:

**Applying retroreflective background sheeting:** Sheeting shall be applied according to the manufacturer's instructions and the detailed requirements herein.

The Contractor shall fabricate sign panels 16 square feet or less from a single piece of applied sheeting with no joints, splices, or laps, except that one factory splice from each roll is permitted..

When applying more than one width of reflective sheeting to a sign panel, sheeting edges shall form a clean vertical joint. Sheeting edges shall be applied in accordance with manufacturer's installation instructions to prevent edge lifting and allow for sheeting expansion under high temperature and humidity conditions.

The finished sign shall be free from cracks, gaps, streaks, wrinkles, blisters, discoloration, buckles, and warps and shall have a smooth surface of uniform color.

**Section 701.03(a)4 – Letters, numerals, arrows, symbols, borders, and other features of the sign message** is amended to replace the first paragraph with the following:

**Letters, numerals, arrows, symbols, borders, and other features of the sign message:** Features of the sign message shall conform to the MUTCD and the Virginia Standard Highway Signs Book. Units of the sign message shall be formed to provide a continuous stroke width with smooth edges and a flat surface free from warps, blisters, wrinkles, burrs, and splinters. Features shall also conform to the following:

**Section 701.03(b) – Transportation and Storing Signs from the Fabricator** is amended to replace the third paragraph with the following:

The Contractor may remove signs from storage and install them on their structural supports before the structure is erected; however signs and structural supports placed in the field prior to erection shall be supported and stored at a sufficient angle to facilitate water runoff from the sign while preventing the sign from coming in contact with the ground and preventing sign structure elements from sitting in standing water.

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**Section 701.03(d) – Erection** is amended to replace the first paragraph with the following:

**Erection:** The Contractor shall install sign panels on overhead sign structures with the required minimum and maximum vertical clearances as shown on Standard Drawing OSS-1, and with the lateral and vertical placement shown on the Plans.

**Section 701.03(d) – Erection** is amended to replace the fifth paragraph with the following:

Vertical and horizontal spacing between installed signs shall be approximately 1 inch where multiple signs are installed on the same structure, unless shown otherwise on the Plans.

**Section 701.03(d) – Erection** is amended to replace the thirteenth paragraph with the following:

Overlay panels shall be erected with aluminum rivets no less than 3/16 inch in diameter and of such length as to fasten the panels securely and form a compressed head conforming to the manufacturer's recommendations. Rivets shall be located on 12-inch centers for 0.080 inch aluminum overlays and on 15-inch centers for 0.063 inch aluminum overlays, positioned 1 inch from each panel's edges, completely around the sign's perimeter. Where overlayment panels are 30 inches or greater in width, a column of rivets shall be installed on 12-inch centers for 0.080 inch aluminum overlays or 15-inch centers for 0.063 inch aluminum overlays down the centerline of the panel. Rivets shall be installed in such a sequence as to prevent buckling of the panels. When overlaying extruded aluminum signs, rivets shall be arranged to go through the flat part of the extrusion.

**Section 701.03(f) – Documentation Requirements** is replaced with the following:

1. **Labels.** All new permanent signs shall include fabrication labels, and a VDOT Identification Label. Labels may be made of either a self-adhesive, permanent weather resistant material or permanent sign material, and shall be a minimum 4-inch by 4-inch in size.

All information on such signs shall be indicated with sign ink or other permanent means capable of resisting weathering for the full duration of the sign sheeting warranty period, except that dates may be indicated with punching out of appropriate squares. All new signs shall be indicated "new" on the VDOT Identification Label.

Prior to applying the labels, the area shall be thoroughly cleaned to ensure proper adhesion or application of ink. Labels shall be placed on the back side of the sign panel in a location where they will not be obscured by sign supports or mounting hardware.

- a. **Fabrication labels.** Labels provided by the sign fabricator that indicates sheeting manufacturer's name or logo, sheeting product designations, lot numbers, sign fabricator's name or logo, and month and year the sign was fabricated. All text and logos shall be at least 1 inch in height. For signs with multiple sheeting designations and/or multiple lot numbers, additional labels or supplemental labels are permitted.
- b. **VDOT Identification Label.** VDOT's standard 4.5-inch by 4.5-inch label shall be affixed to all new permanent traffic control device signs, as per the Virginia Supplement to the MUTCD.

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2. **Inventory Sheet.** The Contractor shall provide an .xlsx formatted file to the Engineer, using a sign inventory template provided by the Engineer. The file shall include the information required above for the label, as well as the following:

- a. Route no.
- b. Project UPC no. (if applicable).
- c. Station or milepost information.
- d. Lane designation.
- e. *MUTCD*, if applicable and if denoted on the plans.
- f. Sign message.
- g. Sign width.
- h. Sign height.

The cost of preparing and submitting the .xlsx formatted file shall be included with the cost of the sign panel pay items.

**Section 701.04 – Measurement and Payment** is amended to replace the first paragraph with the following:

**Sign panels** will be measured in square feet and will be paid for at the Contract square foot price. This price shall include sign substrate, background sheeting, sign messages, finishing, framing units, hanger assemblies, bracing, stiffeners, splicing, backing strips, post clips/post clamps, warranty, and labeling.

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**CONTRACT ID. NO.: C00114881N01**

VIRGINIA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION FOR  
**BRIDGE PARAPET AND CONCRETE MEDIAN BARRIER SIGN MOUNT ASSEMBLIES**

June 27, 2019

**I. DESCRIPTION**

This work shall consist of installing Concrete Barrier Mount sign mounting assemblies on existing bridge parapets and concrete median barriers, which have reinforced steel in accordance with this provision, the bracket manufacturer's recommendations and as directed by the Engineer. The sign mounting on the sign posts and the bracing shall be in accordance with the Concrete Barrier Mounting Assembly detail drawing in the No Plan Assembly. These requirements supersede the 2015 requirements

This Special Provision shall not be used on any project that the locations of the attachment has not been reviewed and approved by the District Traffic Engineer, or designee, to determine that the sign is critical and that there is no alternate location such as a bridge column, existing sign structure or a blistered median barrier.

The Department will evaluate all sign placements to establish if an alternate location exists to avoid structural attachments to median barrier walls, bridges and bridge elements such as parapets. The Department will document the need to make the attachment and that there is not another option. The Engineer will obtain approval from District Structure & Bridge to attach to any bridge barrier wall, railing, parapet, MSE wall, noise wall or bridge mounted structure.

**II. MATERIALS**

Hydraulic cement mortar and Grout shall conform to the requirements of Section 218.

Anchor bolts shall be 5/8" dia. X 6" length case hardened carbon steel wedge bolts that are zinc coated in accordance with ASTM B633. Other mechanical anchors from Materials Division approved products list may be used if approved by the Engineer. Chemical and mechanical anchors are not to be used in direct tension or overhead applications.

Welds shall be in accordance with Section 407 of the Specifications.

Concrete barrier mount assembly shall consist of:

Post receiver bracket shall be fabricated from a post receiver socket consisting of a minimum 7 gauge ASTM A500 Grade B tube and a post receiver base plate consisting of a 5/8" thick ASTM A572 Steel Plate.

Unless otherwise specified, a 10" or an 18" receiver with slots for four (4) or two (2) anchor bolts, as shown in the Special Design Drawing, shall be used on all concrete barriers that show no evidence of cracking or spalling. A minimum 18" receiver with slots for two (2) or four (4) anchor bolts shall be used on concrete barriers with evidence of limited cracking or spalling and only after inspection by the Engineer determines that the barrier wall can be repaired and the barrier wall is successfully repaired before receiver installation.

Shoulder bolt shall be a minimum 3/8" - 16 x 3 1/2" GR-8, SAE J429 zinc coated in accordance with ASTM B633.



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**III. PROCEDURES**

Sign Panels and Sign Mounting Assemblies to include bolts will be furnished by The Department for Contractor installation. Sign Panels and Sign Mounting Assemblies shall be picked up from the Hampton Roads District Office , located at 1700 N. Main Street, Suffolk, VA 23434. Notify Dennis Bailey, Construction Manager, at 757-818-1971, to arrange pick up of sign panels and sign mounting assemblies at least 7 days in advance. The Contractor shall furnish sign posts, sign bracing and all other materials necessary to complete the installation. All materials required to complete the installation and not covered by a separate contract item shall be considered incidental to installation and shall be included in the contract unit price for the "Install" item.

Concrete Barrier Mount sign mounting assemblies shall be installed at locations designated on the plans or at locations designated by the Engineer. The Department will be responsible for documenting that there is not an alternate location and obtain any necessary approval. The sign mounting assembly shall be installed in sound concrete (with no cracking or spalling) in accordance with the bracket assembly manufacturer's recommendations and as directed by the Engineer.

The Engineer will preapprove all locations requiring the drilling of holes in bridge parapets and concrete median barriers for installation of sign mounting assemblies. The Contractor shall repair any spalling due to drilling operations in concrete bridge parapets, walls, railing and concrete median barriers. All holes for the new anchors shall be cleaned out with five (5) or more passes of high pressure air. Then followed by thorough cleaning-out of holes with lightly damp clean swabs or other method. Cleaning shall be all the way into the holes to wipe out all the remaining concrete dust and 100 percent of any loose particles. Up to five (5) to seven (7) clean swabs each per hole may be needed, before installing the anchors. Existing holes in concrete shall be cleaned out with high pressure air and then patched with materials conforming to Section 218 of the Specifications. The Contractor may request the approval of the Engineer to modify the methods and process for cleaning out all holes and for the anchor attachment, due to field conditions or location.

Standard ANSI bits shall be used to drill holes in the concrete.

Aluminum sign bracing for any concrete barrier and bridge mount assembly shall be in accordance with Standard STP-1, except as dimensioned on the Special Drawing. The sign mounting assembly shall have additional and modified length bracing per the sign panel requirements on the Special Drawing.

**IV. MEASUREMENT AND PAYMENT**

**Concrete Barrier Sign Mounting Assembly** will be measured in units of each and paid for at the contract price per each. The price shall include installing post receiver bracket, bolts, all anchors, welding, drilling concrete structure, clean-out all holes, patching, and repairing concrete spalls.

Sign posts will be measured and paid for separately.

Payment will be made under:

<b>Pay Item</b>	<b>Pay Unit</b>
Install Concrete Barrier Sign Mounting Assembly	Each

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VIRGINIA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION FOR  
**INSTALL SIGN MOUNTING ASSEMBLIES ON EXISTING POLES AND SURFACE MOUNT ASSEMBLIES ON  
CONCRETE MEDIANS**

November 12, 2014

**I. DESCRIPTION**

This work shall consist of installing Department furnished sign mounting assemblies on existing pole structures, and Department furnished surface mount assemblies on concrete medians in accordance with this provision, the manufacturer's recommendations and as directed by the Engineer.

**II. MATERIALS**

Hydraulic cement mortar and Grout shall conform to the requirements of Section 218.

Adhesive anchor bolts shall be from Materials Division approved products list.

**III. PROCEDURES**

Pole mounted sign assemblies, for installation on existing light poles, signal poles, sign structures, shall be installed at locations designated on the plans or at locations designated by the Engineer. The Department furnished sign mounting assembly shall be installed in accordance with the manufacturer's recommendations and as directed by the Engineer.

Surface mount assemblies shall be installed on concrete medians and at locations designated on the plans or at locations designated by the Engineer. The Department furnished sign mounting assembly shall be installed in accordance with the manufacturer's recommendations and as directed by the Engineer.

The Engineer will preapprove all locations requiring the drilling of holes in concrete surfaces prior to installation of surface mounted sign assemblies. The Contractor shall repair any spalling due to the drilling operations in concrete surfaces and existing holes in concrete shall be patched with materials conforming to Section 218 of the Specifications. The Contractor may need to modify the method of attachment due to field conditions with the approval of the Engineer.

**IV. MEASUREMENT AND PAYMENT**

**Install Pole Mounted Sign Mounting Assembly** will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for installing the pole mounted assembly, installing bracing to sign panel, and for all materials, labor, tools, equipment and incidentals necessary to complete the work.

**Install Surface Mounted Sign Assembly** will be measured in units of each and paid for at the contract price per each, which price shall be full compensation for installing surface mounted sign assemblies, drilling of the concrete surfaces and for all materials, labor, tools, equipment and incidentals necessary to complete the work.

The sign post and sign panel will be measured and paid for separately.

Payment will be made under:

**Pay Item**

Install Pole Mounted Sign Assembly  
Install Surface Mounted Sign Assembly

**Pay Unit**

Each  
Each

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VIRGINIA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION FOR  
**RENEWABLE ON CALL CONTRACT GENERAL PROVISIONS**

August 8, 2017

This On-Call Contract will consist of multiple Task Orders that will be assigned to the Contractor at the discretion of the Department. The following will apply for all Task Orders. If the Department, at its discretion, extends the terms and conditions of work under contract by way of renewing this contract, then the following will also apply for Task Orders issued subsequent to renewal.

**SECTION 101—DEFINITIONS OF ABBREVIATIONS, ACRONYMS, AND TERMS**

**Section 101.02—Terms** of the Specifications is amended to include the following:

**Renewable Contract.** A contract that may be extended for additional terms.

**Task Order.** A work schedule or plan details depicting work to be performed at a location or locations defined by milepost-to-milepost or other physical description. Each Task Order will be issued with a Notice to Proceed specifying the Task Order value, work commencement date, the Liquidated Damages, and the completion date/days of the Task Order. The Task Order will include a description of the work to be performed with plan details or schedules, estimated quantities and site specific limitations of operations.

**Term.** The time limit and conditions of the Contract in force from the date of contract execution until the first of either the original contract completion date, including any authorized extensions thereto, or the date on which the cumulative payments for completed and accepted work reaches the original Contract amount.

**SECTION 103—AWARD AND EXECUTION OF CONTRACTS**

**Section 103.02—Award of Contract** of the Specifications is renamed **Award of Contract and Contract Renewal** and amended to include the following:

The Department may extend the Contract in order for the Contractor to complete scheduled work or work underway. In addition, the Department may renew the Contract after the completion of the original Term for two additional Terms of one year each, provided the Department and Contractor are in agreement and the following conditions are met:

1. the Contractor's bonding agency provides written proof that it is in agreement with the Contract Renewal
2. there are no increases in unit prices or to unit prices added to the original contract by any authorized work order thereto as a condition of the renewal
3. no new work items are added as a condition of the renewal beyond those authorized in accordance with item 2. herein
4. the Contractor provides proof of insurance for the Contract Renewal Term in accordance with Section 103.06 of the Specifications

**Section 103.05(a) REQUIREMENTS OF CONTRACT BOND** is of the Specifications replaced with the following:

A performance bond, valued at the lesser of the Contract Value or **\$1,000,000.00**, conditioned upon the faithful performance of the Contract in strict conformity with the plans, the Specifications and conditions of the Contract, and

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**Section 103.05(b) REQUIREMENTS OF CONTRACT BOND** of the Specifications is replaced by the following:

A payment bond, valued at the lesser of the Contract Value or **\$1,000,000.00**, conditioned upon the prompt payment for all labor, materials, public utility services and rental of equipment used in the prosecution of the work for the Contract.

**Section 103.06(e) Progress Schedule** for Category M Project of the Specifications is as follows:

Work is detailed in task orders as released by the Department. All other requirements shall apply except as amended by this provision.

**Schedule of Operations** – The first and second sentences are replaced by the following:

The Contractor shall submit to the Engineer three (3) copies of the written Schedule of Operations at least seven (7) calendar days before beginning work on each Task Order. The Schedule of Operations shall represent the Contractor's overall work plan to accomplish the Task Order in accordance with the requirements of the Contract.

The first sentence of (b) is replaced by the following:

Indicate the general schedule of work to be completed each week in terms of major operations, routes, or segments of work for each Task Order released by the Department or in the absence of such delineation, as agreed to by the Contractor and the Engineer.

**Two Week Look-ahead (TWLA) Schedule of Operations** is amended to permit the submission of the detailed Two Week Look-ahead (TWLA) schedule in either .pdf or spreadsheet format. The TWLA shall indicate all current task orders, their start dates and anticipated construction completion dates. In addition, if applicable, the TWLA shall include any outstanding issues associated with each task order that may, for example, affect\impact operations schedule, completion dates, equipment, other stakeholders, etc. The Contractor shall submit the TWLA to the Engineer via email with copies to other stakeholders as mutually agreed upon.

**SECTION 104—SCOPE OF WORK**

**Section 104.01—Intent of Contract** of the Specifications is amended to replace the first sentence with the following:

The intent of this Contract is to provide for furnishing sufficient labor and equipment, delivering goods and services, and maintaining adequate material on hand to respond to the Department's need for timely completion of the contract work by Task Order in one or more of the Department's Construction Districts. This Contract shall be in accordance with Task Order plans and sketches and the Specifications and provisions herein. The estimated bid quantities are based on existing conditions or quantities historically used in the geographic area of the Contract. Renewable On Call contracts will serve as a cost effective and timely response contracting method when the Department anticipates the need for a variety of goods or services for specific purposes; however, the actual demand is not known and delivery of the goods or services is made when a requirement arises. Work on this Contract is to be performed, completed, and accepted within Task Order time limits and within the Term of the Contract. During the Term of the Contract, the Department will issue Task Orders to the Contractor with a cumulative value will equal or exceed 70 percent of the original value of the Contract, unless the Contract is terminated according to Section 108.08 of the Specifications.

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**Section 104.02—Alteration of Quantities or Character of Work** of the Specifications is amended to include the following:

Quantity changes in an On Call Contract shall not be construed as a *significant change*.

Budgetary constraints may be imposed by the Department at any time during the life of the Contract. The Contractor will be notified if the Engineer determines that the cost of completing the contract work will exceed available funding or budget as may be adjusted by the Department. Task Orders with work underway shall be completed or the work shall be suspended and the work site restored as directed by the Engineer. The Engineer will specify which previously issued Task Order(s) will be rescinded according to the Department's predetermined priorities.

If further analysis indicates that the cost of work underway will fall below the limits of the budgeted funds, the Engineer may issue additional Task Order(s) to be completed by the Contractor at contract unit prices.

**SECTION 105—CONTROL OF WORK**

**Section 105.01—Notice to Proceed** of the Specifications is amended to include the following:

Task Orders will be issued to the Contractor specifying the location, value, time limit, liquidated damages, and description of work or design plans of work to be performed. During the project, the Engineer will coordinate with the Contractor on anticipated Task Orders to assist inventory control.

**Section 105.03(a) Authority of the Engineer** of the Specifications is amended to include the following:

The Engineer may extend the contract time limit or renew the contract in accordance with Section 103.02 herein.

**SECTION 107—LEGAL RESPONSIBILITIES**

**Section 107.02—Permits, Certifications, and Operations** of the Specifications is amended to include the following:

All contract work shall conform to permit conditions and regulatory approvals as detailed in the proposal or provided to the Contractor with a Task Order.

**SECTION 108—PROSECUTION AND PROGRESS OF WORK**

**Section 108.01—Prosecution of Work** of the Specifications is amended to include the following:

The Contractor shall be prepared to begin work on a Task Order on the date specified in the Notice to Proceed, unless otherwise approved by the Engineer.

Once work begins on a Task Order, the Contractor shall provide enough qualified personnel along with the proper equipment to continuously prosecute the work to completion.

If the Contractor opts to suspend work temporarily on a Task Order or portion thereof, the Contractor shall notify the Engineer at least 24 hours in advance of the time and date he plans to pull off the work site. The Contractor shall ensure the work site has been properly and safely secured to protect the traveling public in accordance with the provisions of the *Virginia Work Area Protection Manual*, the *MUTCD*, or specific language in the Contract prior to leaving the work site. Temporary suspension of the work does not relieve the Contractor of the obligation to complete the Task Order on or before the date specified in the Notice to Proceed nor will it delay Liquidated Damages assessment.

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**Section 108.02—Limitation of Operations** of the Specifications is amended to replace (a) **General** with the following:

(a) **General**

Contract work not detailed in the proposal shall not proceed until the Engineer issues the Contractor a written Task Order releasing the work. No work requiring shop drawings, catalog cuts, pre-approval items, or materials certifications will be released until all applicable items have been reviewed by the Engineer.

The Contractor shall conduct the work in a manner and sequence that will ensure its expeditious completion with the least interference to traffic and shall have due regard for the location of detours and provisions for handling traffic. The Contractor shall not open any work to the prejudice or detriment of work already started. The Engineer may require the Contractor to finish a Task Order or portion thereof before work is started on any other Task Order or portion thereof.

Limitations specific to individual Task Order locations will be provided to the Contractor with the Task Order Notice to Proceed.

**Section 108.03—Progress Schedule General Requirements** of the Specifications is amended to include the following:

The Contractor shall submit and maintain Task Order Schedules of Operations in accordance with Section 103.06(e) herein.

**Section 108.06(b) Liquidated Damages** of the Specifications is amended as follows:

The first paragraph is replaced with the following:

Liquidated Damages, representing the cost of administration, engineering, supervision, inspection, and other expenses will be charged against the Contractor for each calendar day beyond the fixed time/days that a Task Order remains in an incomplete state. A daily Liquidated Damage amount will be calculated for each Task Order in accordance with Table I-1. Liquidated Damages will be assessed concurrently for each individual Task Order. If multiple Task Orders remain incomplete; Liquidated Damages will be assessed on all incomplete Task Orders concurrently.

**Original Contract Amount in Dollars** in Table I-1 is replaced with **Task Order Value in Dollars**.

**Section 108.07—Default of Contract** of the Specifications is amended to replace condition (a) with the following:

- (a) fails to begin the work under the Contract within 15 calendar days of issuance of a Task Order Notice to Proceed, except as otherwise permitted by specific contract language or the provisions of Section 105.01 or Section 108.02 of the Specifications or if the Contractor does not complete a Task Order within the notice to proceed time limit.

**SECTION 109—MEASUREMENT AND PAYMENT**

**Section 109.05(a) Work Orders** of the Specifications is amended to include the following:

If the Engineer determines that this Contract should be renewed for another term and the Contractor agrees to the renewal, a bilateral Work Order will be executed to authorize the work for an additional term.

**Section 109.09—Payment for Material on Hand** of the Specifications is replaced with the following:

No payment for material on hand will be made for this contract.

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**SECTION 510—RELOCATING OR MODIFYING EXISTING MISCELLANEOUS ITEMS**

**Section 510—Relocating or Modifying Existing Miscellaneous Items** of the Specifications is amended to include the following:

When the contract specifies an "Install" item, the Contractor shall furnish all other materials necessary to complete the installation. All materials required to complete the installation and not covered by a separate contract item shall be considered incidental to installation and shall be included in the contract unit price for the "Install" item.

Equipment or materials furnished by VDOT to be installed by the Contractor shall be picked up by the Contractor at a VDOT facility designated by the Engineer between the hours of 8:00 a.m. and 3:30 p.m. Monday through Friday. The Contractor shall notify the Department at least 24 hours prior to picking up equipment or materials.

Equipment or material to be returned to VDOT by the Contractor shall be delivered to a VDOT facility designated by the Engineer between the hours of 8:00 a.m. and 3:30 p.m. Monday through Friday. The Contractor shall notify the Department at least 24 hours prior to delivering equipment.

Equipment supplied by a municipality to be installed by the Contractor shall be picked up at a facility within the municipality.

**SECTION 512—MAINTAINING TRAFFIC**

**Section 512.03—Procedures** of the Specifications is amended to include the following:

The Contractor shall submit a Maintenance of Traffic Plan with quantities for each Task Order work zone and any planned lane or shoulder closures for review by the Engineer, prior to commencement of work. The maintenance of traffic plan shall be in accordance with the *Virginia Work Area Protection Manual* and the MUTCD.

If conditions dictate, the Engineer may incorporate the use of law enforcement personnel within the work zone.

**Section 512.04—Measurement and Payment** of the Specifications is amended to replace the twenty fourth paragraph with the following:

**Temporary (Construction) signs** installed for Detours as defined by the VWAPM, will be measured in square feet and will be paid for at the contract unit price per square foot. This price shall include furnishing, installing, maintaining; covering, uncovering, relocating and removing temporary signs, temporary sign panels, sign panel bracing, sign supports, hardware, delineators, and flags. Payment based on square footage shall be compensation for the sign(s) for the duration of the project; multiple payments for the same sign used more than once will not be allowed. The Contractor shall furnish, install, maintain, relocate, cover, uncover, and remove all temporary construction sign panels, sign supports, hardware, delineators, and flags not used for detours. The cost thereof shall be included in the price bid for other appropriate items. All signs shall be in accordance with Section 512 of the Specifications, *VWAPM*, and MUTCD.

**Section 512.04—Measurement and Payment** of the Specifications is amended to replace **Temporary (Construction) Signs** with the following:

The Contractor shall furnish, install, maintain, relocate, cover, uncover, and remove all temporary construction sign panels, sign supports, hardware, delineators, and flags. The cost thereof shall be included in the price bid for other appropriate items. All signs shall be in accordance with Section 512 of the Specifications, *VWAPM*, and MUTCD.

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**CONTRACT ID. NO.: C00114881N01**

VIRGINIA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION FOR  
**ROADSIDE DEVELOPMENT AND EROSION CONTROL**

February 22, 2018

**I. DESCRIPTION:**

This work shall consist of providing erosion and siltation control for areas disturbed by excavation, trenching, grading or construction operations in accordance with this provision, *Virginia Erosion and Sediment Control Law, Regulations and Certification Regulations* and as directed by the Engineer.

**II. MATERIALS:**

Silt fence shall be in accordance with Section 245 of the Specifications.

Seed shall be in accordance with Section 244 of the Specifications. The second sentence of the first paragraph of Section 244.02 (c) is deleted.

Fertilizer shall be in accordance with Section 244 of the Specifications.

Mulch shall be in accordance with Section 244 of the Specifications.

**III. PROCEDURES:**

Prior to commencing excavation or grading operations the Engineer will review the area and direct the Contractor when and where any required erosion and siltation control devices shall be installed. All temporary silt fence specified will be measured and paid for in accordance with Section 303 of the Road and Bridge Specifications.

The Contractor shall exercise care when performing open trench or foundation excavations, the excavated material shall be confined along the open trench or foundation and all excavated material shall be used as backfill or removed from the construction site at the end of the day. Disposal of unsuitable material shall be in accordance with Section 106 of the Specifications. In the event the Contractor does not use the material as backfill or remove the material from the site at the end of the day, the Contractor shall install temporary silt fence at no additional cost to the Department to prevent erosion.

The Contractor shall restore and seed areas disturbed by excavation, grading, or construction operations. Seeding shall be in accordance with Section 603 of the Specifications with the following seed mixes at the listed rates per acre:

<b>Bristol, Culpepper, Fredericksburg, Lynchburg, Richmond, NOVA, Salem and Staunton Districts</b>		
<b>FALL – WINTER</b> <b>9-5 to 4-1</b>		<b>SPRING – SUMMER</b> <b>4-1 to 9-5</b>
20 lbs. Winter Wheat or Barley (Nurse Crop)		10 lbs. Annual Ryegrass (Nurse Crop)
100 lbs. Tall Fescue		100 lbs. Tall Fescue

Slopes 2:1 or greater – Add 20 pounds of Crownvetch or Sericea Lespedeza to the above mix



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Hampton Roads District		
FALL – WINTER 9-5 to 4-1		SPRING – SUMMER 4-1 to 9-5
20 lbs. Winter Wheat or Barley (Nurse Crop)		10 lbs. Annual Ryegrass (Nurse Crop)
100 lbs. Tall Fescue		100 lbs. Tall Fescue
50 lbs. Bermudagrass (Unhulled)		50 lbs. Bermudagrass (Hulled)

Slopes 2:1 or greater – Add 20 pounds of Sericea Lespedeza to the above mix

NOTE: Hard Fescue may be substituted for Tall Fescue

Mulch shall be applied at a rate of two-tons per acre in accordance with Section 603 of the Specifications.

Fertilizer shall be 15-30-15 equivalent applied at a rate of 600-pounds per acre in accordance with Section 603 of the Specifications.

**IV. MEASUREMENT AND PAYMENT:**

Roadside Development Materials furnished and applied will be measured and paid for in accordance with Section 603 of the Specifications.

**TIER 1 PROJECT**  
**"NO PLAN" RAAP (CONSTRUCTION & MAINTENANCE) PROJECTS**  
**COMMONWEALTH OF VIRGINIA**  
**DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION:** \_\_\_\_\_ **MAINTENANCE:**   X  

DISTRICT:   Hampton Roads   CITY/COUNTY:   Various   UPC NO.:   114881  

FUNCTIONAL CLASS   Interstate   FHWA 534 DATA   43121   TYPE CODE   N/A  

ROUTE:   9999   PROJ.   (NFO)SN05-965-364, N501   FEDERAL NO.:   NHPP-TS05(304)  

FROM:   District Wide   TO:   District Wide  

LENGTH (FEET):   N/A   MILES   N/A  

TOPO:   N/A   DESIGN SPEED (MPH):   N/A   VPD (YEAR)   N/A  

PROJECT MGR:   Jennifer Posey   RW DONATION:   N/A  

Utilities   N/A   and/or Railroads   N/A   are involved in the construction of this project.

This project is to be constructed in accordance with the Department's 2016 Road and Bridge Specifications, 2019 Supplement to the 2016 Road and Bridge Specifications, 2016 Road and Bridge Standards, 2009 MUTCD Rev 2 May 2012, 2011 Virginia Supplement to the MUTCD Rev 1 Sept 2013, 2011 Virginia Work Area Protection Manual Rev 1 April 2015 and as amended by contract provisions and the complete plan assembly.

Design features relating to construction or to regulation and control of traffic may be subject to change as deemed necessary by the department.

RECOMMENDED FOR APPROVAL FOR CONSTRUCTION	
6/5/2019	Dawn V. Odom
DATE	DISTRICT PLANNING AND INVESTMENT MANAGER
6/5/2019	Christopher Eggleston, P.E.
DATE	DISTRICT PROJECT DEVELOPMENT ENGINEER
APPROVED FOR CONSTRUCTION	
6/11/2019	Christopher G. Hall, P.E.
DATE	DISTRICT ADMINISTRATOR

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**Temporary Traffic Control Plan  
State Project No. SN05-965-364, N501  
UPC No. 114881**

**Introduction**

The Regional Operations Maintenance Section of the Eastern Region proposes a Type A Project, On-Call Sign Installation Contract on the Interstate, Primary and Secondary Routes throughout the Hampton Roads District/Eastern Region. This project will consist of the replacement of ground mounted sign structures and sign panels to include overhead sign panel removal and replacement as designated by the Eastern Regional Manager or Designee.

**General Notes**

**General**

- All temporary traffic control work and devices shall be in accordance with Section 512 of the 2016 Virginia Road and Bridge Specifications, 2011 Virginia Work Area Protection Manual (WAPM) Revision 1 and as amended by contract provisions.
- It is not the intent of this temporary traffic control plan to enumerate every detail which must be considered in the construction of this project, but only to show the general handling of traffic.

**Lane Closure Restrictions**

- The following restrictions will apply, except in cases where the Engineer determines they are not in the best interest of the Department and/or the traveling public.
  - Traffic shall be maintained in accordance with the following typical applications from the 2011 Virginia WAPM, Revision 1:
    - **To be determined when Individual Tasks are assigned**
    - **For triple lane closures refer to TTC 18.1 (Multi-Lane Closure Operation) – 2 signs, 1 arrow board and drums and cones (as needed, minimum 27) will be required in addition to what is shown on TTC 18.1**
  - As per the Virginia Work Area Protection Manual Page 6E-13 Section 6E.07 Paragraph 11, only uniformed law enforcement officers are allowed to direct traffic through an operating traffic signal (see section 46.2-834 of the Highway Laws of Virginia). Flaggers do not have the authority and shall not direct vehicles through an operating traffic signal at an intersection.
  - All travel lanes in both directions shall be open to traffic at the end of each workday.
  - In the event of a holiday(s): The Contractor must adhere to VDOT 2016 Road and Bridge Specification section 108.02-b.
  - The Contractor shall not conduct operations when the weather causes unsafe conditions for the traveling public as determined by the Engineer.
  - It is the intent to minimize the impact to the traveling public. Lane closures or restrictions over segments of the project, in which no work is anticipated within a reasonable time frame, as determined by the Engineer, shall not be permitted.
  - No lane closure signing or other disruptive work is to be initiated prior to the beginning closure time specified. The removal of all signs, equipment, and materials will be accomplished prior to the ending closure time specified.
  - Traffic shall be maintained in accordance with the following allowable lane closure hours:
    - **To be determined when Individual Tasks are assigned**
- [http://www.virginiadot.org/business/hampton\\_roads\\_district\\_allowable\\_lane\\_closure\\_hours.asp](http://www.virginiadot.org/business/hampton_roads_district_allowable_lane_closure_hours.asp)

Minimum Lane Width

- **To be determined when Individual Tasks are assigned**

Access Requirements

- The Contractor shall provide and maintain safe and adequate access to all intersecting roadways and driveways at all times to the satisfaction of the Engineer. All cost for providing and maintaining access shall be included in the price bid for other items in the contract and no additional compensation will be allowed.

Law Enforcement Officers

- The Engineer shall determine whether or not the use of law enforcement officers is needed during this temporary traffic control work.
- The Contractor shall not be responsible for any coordination or payment for any use of law enforcement officers.

**TRANSPORTATION OPERATIONS PLAN**

Project No. SN05-965-364, N501  
UPC No. 114881

**PUBLIC COMMUNICATIONS PLAN**

*Revised 1/18/18*

Each lane closure will be governed by the times established by the Regional Traffic Engineer and the Traffic Operations Center as shown within the contract. The Contractor and VDOT are to coordinate in notifying the public of proposed lane closures. The process developed by the Traffic Operations Center for the purpose is outlined in SP801-00100-00 in the Contract.

The Hampton Roads District Public Affairs Office will use various media publications to announce planned lane closures based on LCAMS reporting.

In addition, VA511 is updated with real time conditions being reported by the VaTraffic entries. It is important to update VaTraffic entries daily with any schedule or lane closure changes.

**TRANSPORTATION OPERATIONS PLAN**

1. The process for notifying the Project Manager, Facility Manager, HRTOC, and the Residency Administrator of scheduled work plans and traffic delays is as follows:

- a) Based on the submitted weekly communication plan, the Project Manager is to update the Construction Manager, Regional Traffic Operations Center, Elizabeth River Tunnel Facility Manager, Hampton Roads Bridge Tunnel Facility Manager, Monitor Merrimac Memorial Bridge Tunnel Facility Manager and Residency Administrator daily of all scheduled work and lane closures twenty-four hours (24) in advance of any proposed lane closures.
- b) The process for notifying the HRTOC and Public Affairs staff for unscheduled traffic delays, Project Manager shall notify HRTOC Control Room Shift Supervisor at the following numbers:

HRTOC, Shift Supervisor	(757) 424-9920
Public Affairs Staff	(757) 956-3032

- c) The HRTOC shall update the 511 systems and VA-Traffic on scheduled closures and add unscheduled traffic delays to these systems as necessary.

2. The following is a list of local emergency contact agencies:

Virginia State Police dispatch	(757) 424-6800
911 Center for all locations	911
Haz-Mat Center (if spill involved)	911

3. Procedures to respond to traffic incidents that may occur in the Work Zone:

- a) Contractor to notify State Police and VDOT Inspector in Charge.
- b) Depending upon the severity of the incident, the Contractor may have to cease work.
- c) Upon arrival on the scene, State Police will determine the response necessary to allow the traveling public around incident.
- d) The Inspector in Charge shall notify the Residency Administrator and Area Construction Manager of incident and take pictures as necessary, especially pictures of the Contractor's Work Zone, to verify the proper setup.

4. Process of notification of incident to be followed is :  
Contractor to call:
- a) Project Maintenance of Traffic Coordinator (Inspector) (to be determined).
  - b) Construction Manager, Dennis Bailey, (757) 818-1971
  - c) Area Construction Engineer, Cheryl Tate, P.E. (757) 925-6017
  - d) Residency Administrator Responsible City/County
    - Interstate Maintenance Administrator, Joe E. Lomax, (757) 494-2447
    - Williamsburg Residency Administrator, C.R. 'Rossie' Carroll, (757) 253-4611
    - Franklin Residency Administrator, Tommy Catlett, (757) 346-3078
    - Accomack Residency Administrator, Christopher S. Isdell, (757) 787-5858
  - e) District Work Zone Safety Coordinator, John Sabato, (757) 956-3142
  - f) Facility/Tunnel Mgr. (HRBT) & (MMMBT), Kenneth Reynard, (757) 727-4811
  - g) Operations Mgr. (ERC) Tim Berkhimer, (757) 956-3140
  - h) Regional Traffic Engineer, Mike Corwin, (757) 956-3137
  - i) Regional Operations Maintenance Manager, Charles "Chuck" Dixon, (757) 925-1679
  - j) District Public Affairs Office (757) 956-3032
5. The State Police will take control of the incident and direct its clearing and restoration to normal traffic conditions.

The State Police report of the incident will be reviewed by the Area Construction Engineer to determine if any modifications of the Temporary Traffic Control Plan are necessary. If it is determined that it is necessary to alter the plan, then, a meeting will be called with the Contractor, VDOT project personnel, VDOT traffic safety representatives and the State Police (if necessary) to discuss modification and implementation of an improved traffic control plan.

## Scope of Work

Contract UPC: 114881

State Project Number: (NFO) SN05-965-364, N501

Federal Project: NHPP-TS05(287)

**Purpose and Need:** The Eastern Region has developed this project for the purpose of maintaining all traffic related ground mounted signs and structures as well as all overhead sign panels for the traveling motorist. This process will ensure signing is effectively placed and/or maintained to give the road user the necessary regulatory, warning, guidance, and other informational instruction to safely maneuver on the traveling roadway. The On-Call Sign Installation Contract will be on the Interstate, Primary and Secondary Routes throughout the Hampton Roads District/Eastern Region.

This project will consist of the replacement of ground mounted sign structures and sign panels to include overhead sign panel removal and replacement as designated by the Eastern Regional Manager or Designee. Individual projects will be set-up in the future where funding will be allocated and added as a task order that meet current State and Federal safety standards. This work may be assigned in various Cities and Counties as designated by the Eastern Region Manager or Designee. At each location, the work will be within the existing right-of-way.

Anticipated task assignments for the next 24 months will involve the following:

ROAD SYSTEMS	SCOPE OF WORK
Interstate	Express Lanes Phase II – Furnish & Install O/H Sign Panels, Furnish & Install Ground Mounted Sign Panels & Sign Structures
Primary	Route 13 Safety Study – Install Ground Mounted Sign Panels & Sign Structures
Secondary	Curve Warning, Phase VI – Install Ground Mounted Sign Panels & Sign Structures
Interstate	Curve Warning, Phase VII – Install Ground Mounted Sign Panels & Sign Structures
Interstate	Remove 4 O/H Sign Structures per Str. & Bridge Recommendations

## General Notes

**Project #** (NFO) SN05-965-364, N501

1. All Work performed under this contract shall conform to the conditions of the permits and regulatory approvals and be in accordance with the Section 107.02 of the Road and Bridge Specifications.
2. The Eastern Regional Manager or Designee section reserves the rights to perform other Sign Maintenance work within the location limits stated whenever the Department determines that such work is in the public safety and interest.
3. After two (2) occurrences of failures to perform work within specified time frames, the Department may consider the contractor in default of the contract in accordance with Section 108.07 of the 2016 Road and Bridge Specifications.
4. Unless otherwise approved by the Engineer, existing traffic signs that are to be removed shall remain in place until the new sign structure and critical sign message are in place.
5. Unless otherwise indicated by the Engineer, all sign structures shall be located within 50 feet of the signs current field condition.



*General Notes Continued*

6. In addition to contacting Ms. Utility per specifications, the contractor will be responsible to notify various VDOT representatives to have VDOT underground property marked. A two (2) week notice will be required. In addition, VDOT Regional Operations Maintenance needs to be notified to review proposed sign placement for any missing or new sign location.
7. All cost associated with tolls in conjunction with the sign work shall be in the price bid for other items.
8. Ground Mounted Structures and Sign Panels are to be installed in accordance with the Typical Details for Type STP-1, VA and Type VIA Structures as shown in the 2016 Road and Bridge Standards and contract insertable sheets herein.
9. Overhead Sign Panels are to be installed in accordance with the Typical Details for Type SPD-1 as shown in the 2016 Road and Bridge Standards and contract insertable sheets herein.
10. All sign work is to be accordance with the 2016 Road and Bridge Standards. Additional information on standard sign colors and Virginia Standard Signs can be obtained from the Virginia Supplement to the Manual of Uniform Traffic Control Devices for Streets and Highways.
11. To stabilize slopes, Protective Covering EC-2 is to be applied with Roadside Development items per section 606 of the Road and Bridge Specifications.
12. The contractor shall not use any crossover that is designated for authorized vehicles only. The contractor is subject to all crossover restrictions and is not permitted to use any crossover, except those that are intended for normal public use.
13. This project will involve Informal Partnering activities as defined in the special provision for Informal Partnering dated July 12, 2016. The contractor should plan accordingly. The special provision is located through the index page.
14. As noted in section 105.09 of the specifications, the Sign Installation contractor will be required to coordinate with other contractors. Various projects are known to be going within the proposed work area of this contract. They include, but not limited to the following:
  - a. I-64 Southside Widening and High-Rise Bridge Ph 1 (UPC 106692)
  - b. I-264 Witchduck Rd Interchange & Ramp Extension (UPC 17630)
  - c. District Wide Pavement Marking Contract.
  - d. Various Overlay Projects.
14. Lane Closure Notes:
  - In addition to the restrictions listed in the Allowable Lane Closure document, the time limits shall also apply to shoulder closures unless otherwise approved by the Engineer.
  - During construction, lane closures will be limited to off-peak hours. A Transportation Management Plan has been developed to specify the periods of lane closures and to notify stakeholders such as State Police, local governments, and the media prior to lane closures. There are no unique physical impacts associated with this work other than the contractor having to perform work only during off-peak periods of time pertaining to traffic conditions.
  - For a triple lane closure refer to TTC 18.1 (Multi-Lane Closure Operation) – 2 signs, 1 arrow board and drums and cones (as needed) will be needed in addition to what is shown on TTC 18.1
  - Payment will be made within the Items shown in the Contract.
  - DETOUR Signage, if required, will be paid through Temporary (Construction) Signs, Detour.

*General Notes Continued*

15. Stationary Lane Closure Notes:

- Length of a lane closure shall not exceed two (2) miles unless otherwise approved.
- Group II Channelizing Devices shall be used on all transitions in both daytime and nighttime operations.
- Portable Changeable Message sign (PCMS) may be required during lane closures at the Engineer's discretion. The Portable Changeable Message sign may not be used if the Engineer determines that the anticipated work time is too short, there is insufficient shoulder, or that the PCMS will be a traffic hazard.

**Underground Utilities:**

VDOT is not a member of Ms. Utility. In addition to contacting Ms. Utility per specifications, the contractor will be responsible to notify various VDOT representatives to have VDOT underground property marked.

When requesting services for the first time, please contact Loren Reid or Steven Pearson; they are considered the Eastern Region "Gate Keepers" for VDOT utility locates. Their contact information is as follows:

- Loren Reid ([loren.reid@vdot.virginia.gov](mailto:loren.reid@vdot.virginia.gov)),
- Steve Pearson ([Steven.Pearson@VDOT.Virginia.gov](mailto:Steven.Pearson@VDOT.Virginia.gov))

They will provide detailed instructions on obtaining locate of VDOT underground property.

DEFINITION OF TYPES  
PROJECT NO. (NFO) SN05-965-364, N501

TYPE	DESCRIPTION	SIZE
BM	O/H BRIDGE MOUNT	EA.
MBM	MEDIAN BARRIER MOUNT	EA.
VMS	O/H VARIABLE MESSAGE SIGN	EA.
I	NON-BREAKAWAY SINGLE METAL POLE	EA.
II	NON-BREAKAWAY TWO METAL POLES	EA.
III	NON-BREAKAWAY THREE METAL POLES	EA.
V	BREAKAWAY SINGLE ROUND METAL POLE	EA.
VA	BREAKAWAY SINGLE METAL POLE	EA.
VIA	BREAKAWAY TWO METAL POLES	EA.
VIA3	BREAKAWAY THREE METAL POLES	EA.
VI 1A	3-1/2" ROLLED RAIL STEEL POLE	EA.
WP-1	SINGLE WOOD POST	EA.
WP-2	TWO WOOD POSTS	EA.
STP-1	SQUARE TUBE SIGN POST – 1 POST	EA.
STP-2	SQUARE TUBE SIGN POST – 2 POSTS	EA.
STP-3	SQUARE TUBE SIGN POST – 3 POSTS	EA.
SP-1	SIGN PANEL	0 – 100 S.F.
SP-2	SIGN PANEL	101 – 200 S.F.
SP-3	SIGN PANEL	201 – 300 S.F.
SP-4	SIGN PANEL	301 – 400 S.F.
SP-5	SIGN PANEL	401 – 500 S.F.
SP-6	SIGN PANEL	501 – 600 S.F.
UPS-1	"U" TYPE ROLLED RAIL STEEL	EA.

PROJECT NO. (NFO) SN05-965-364, N501

The following Work Codes will be referenced in the Maintenance Schedule and describes the type work required at each sign structure location within proposed Task Order assignments.

**WORK CODES**

<b>CODE</b>	<b>DESCRIPTION OF WORK REQUIRED</b>
<b>A</b>	REMOVE & DISPOSE OF GROUND MOUNTED SIGN PANEL(S); REPLACE WITH NEW SIGN PANEL(S).
<b>B</b>	REMOVE & DISPOSE OF EXISTING GROUND MOUNTED SIGN STRUCTURE AND SIGN PANEL(S); INSTALL NEW GROUND MOUNTED SIGN STRUCTURE AND SIGN PANEL(S).
<b>C</b>	GROUND MOUNTED SIGN STRUCTURE AND SIGN PANEL(S) MISSING; INSTALL NEW GROUND MOUNTED SIGN STRUCTURE AND SIGN PANEL(S).
<b>D</b>	INSTALL NEW GROUND MOUNTED SIGN STRUCTURE AND SIGN PANEL(S).
<b>E</b>	REMOVE EXISTING CONC. FOUNDATION GRD. MNT. STR.
<b>F</b>	REMOVE & DISPOSE OF GROUND MOUNTED SIGN STRUCTURE; NO REPLACEMENT REQUIRED.
<b>G</b>	OVERLAY EXISTING SIGN PANEL(S) WITH NEW SIGN PANEL(S).
<b>H</b>	REMOVE & DISPOSE OF GROUND MOUNTED STRUCTURE. RELOCATE EXISTING SIGN PANEL(S) TO NEW GROUND MOUNTED STRUCTURE.
<b>I</b>	REMOVE & DISPOSE OF SIGN PANEL(S) FROM LIGHT POLE. INSTALL NEW GROUND MOUNTED SIGN STRUCTURE AND SIGN PANEL(S).
<b>J</b>	GROUND MOUNTED SIGN PANEL(S) MISSING. INSTALL NEW SIGN PANEL(S) TO EXISTING SIGN STRUCTURE.
<b>K</b>	INSTALL NEW SIGN PANEL(S) TO EXISTING SIGNAL POLE UPRIGHT.
<b>L</b>	RELOCATE EXISTING SIGN PANEL(S) TO NEW GROUND MOUNTED STRUCTURE.
<b>M</b>	REMOVE & DISPOSE OF EXISTING OVERHEAD SIGN PANEL(S). INSTALL NEW OVERHEAD SIGN PANEL(S).
<b>N</b>	REMOVE & DISPOSE OF EXISTING OVERHEAD SIGN PANEL(S). NO REPLACEMENT REQUIRED.
<b>O</b>	REMOVE & DISPOSE OF EXISTING OVERHEAD SIGN STRUCTURE & SIGN PANEL(S). NO REPLACEMENT REQUIRED.
<b>P</b>	INSTALL NEW SIGN PANEL TO EXISTING GROUND MOUNT SIGN STRUCTURE.
<b>Q</b>	REMOVE AND DISPOSE OF GROUND MOUNTED SIGN PANEL(S); NO REPLACEMENT REQUIRED.

The following is a list of Standard and Non Standard Pay Items that could be utilized on Task Order assignments during the life of this On Call Contract. Quantities will vary.

**SUMMARY OF QUANTITIES**  
PROJECT NO. (NFO) SN05-965-364, N501

LINE NO.	ITEM #	SPEC	ITEM DESCRIPTION	UNIT	QTY
10	00096	ATTD	NS MOBILIZATION SITE	EA.	6
20	24160	512 ATTD	TEMPORARY (CONSTRUCTION) SIGNS, DETOUR	SF	1000
30	24272	512	TRUCK MOUNTED ATTENUATOR	HR	2000
40	24278	512	GROUP 2 CHANNELIZING DEVICES	DAY	1000
50	24279	512	PORTABLE CHANGEABLE MESSAGE SIGN	HR	25
60	24281	512	ELECTRONIC ARROW	HR	1000
70	24282	512	FLAGGER SERVICE	HR	150
80	24502	510	NS REMOVE EXIST. & RESET SIGN POST	EA.	5
90	24502	510 ATTD	NS REMOVE EXIST & SALVAGE DMS	EA.	1
100	24502	510 ATTD	NS REMOVE EXIST. CONC. FOUNDATION, GRD. MNT. STR.	EA.	2
110	24502	510 ATTD	NS REMOVE EXIST. CONC. FOUNDATION, O/H SIGN STR.	EA.	2
120	27321	606	ROLLED EROSION CTRL PRODUCT EC-2 TYPE 4	S.Y.	250
130	27325	606	ROLLED EROSION CTRL PRODUCT EC-3 TYPE 1	S.Y.	250
140	27504	303	TEMP. SILT FENCE TYPE B	L.F.	200
150	50012	702	ROAD EDGE DELINEATOR, ED-2	EA.	25
160	50110	701	OVERLAY SIGN PANEL	S.F.	150
170	50204	700	SIGN POST WOOD 4" X 4"	LF	2
180	50206	700	SIGN POST WOOD 6" X 6"	LF	2
190	50404	700	VA SIGN POST, W4 x 13	LF	36
200	50406	700	VA SIGN POST, W6 x 12	LF	96
210	50410	700	VIA SIGN POST, W10 X 12	LF	34
220	50411	700	VIA SIGN POST, W12 X 14	LF	40
230	50414	700	VIA SIGN POST, W14 X 22	LF	50
240	50415	700	VIA SIGN POST, W14 X 26	LF	50
250	50416	700	VIA SIGN POST, W16 X 26	LF	55
260	50430	700	SIGN POST STP-1, 2", 14 GAGE	LF	3000
270	50432	700	SIGN POST STP-1, 2 3/16", 10 GAGE	LF	600
280	50434	700	SIGN POST STP-1, 2 1/2", 10 GAGE	LF	2250
290	50436	700	SIGN POST STP-1, 2 1/2", 12 GAGE	LF	3200
300	50485	700	CONC. SIGN FOUNDATION STP-1, TYPE A	EA	500
310	50486	700	CONC. SIGN FOUNDATION STP-1, TYPE B	EA	160
320	50489	700	CONC. SIGN FOUNDATION STP-1, TYPE E	EA	5
330	50501	700	CONC.SIGN FOUND. SSP-V A 2'6" DIA. X 7' DEPTH	EA	6
340	50502	700	CONC.SIGN FOUND.SSP-V A 1'9" DIA.X 4'6" DEPTH	EA	1
350	50503	700	CONC.SIGN FOUND. SSP-V A 2'6" DIA. X 6' DEPTH	EA	1
360	50506	700	CONC.SIGN FOUND.SSP-VI A 2'3" DIA.X 4'6"	EA	2
370	50528	700	CONC.SIGN FOUND.SSP-VI A 3'0" DIA.X 7' DE	EA	4
380	50544	700	CONC.SIGN FOUND.SSP-VI A 3'6" DIA.X 9' DE	EA	2
390	50558	700	CONC.SIGN FOUND.SSP-VI A 4' DIA.X 9'6" DE	EA	3
400	50900	700	NS TRAFFIC SIGN SIGN POST, UPS-1,2 LB/LF	LF	300
410	50901	700 ATTD	NS TRAFFIC SIGN GROUND MOUNTED SIGN PANELS	S.F.	6700
420	50901	700 ATTD	NS TRAFFIC SIGN OVERHEAD SIGN PANELS	S.F.	6000
430	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. MBM	EA.	16
440	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. O/H BRIDGE MT	EA.	6
450	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. O/H BUTTERFLY	EA.	1

LINE NO.	ITEM #	SPEC	ITEM DESCRIPTION	UNIT	QTY
460	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. O/H CANTILEVER	EA.	2
470	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. O/H SPAN 0' - 75'	EA	2
480	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. O/H SPAN 151' - 225'	EA	2
490	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. O/H SPAN 76' - 150'	EA	1
500	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. STP-1	EA	30
510	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. STP-2	EA	15
520	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. STP-3	EA	5
530	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. UPS-1	EA.	30
540	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. V A	EA.	40
550	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. VI A	EA.	2
560	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. WP-1	EA.	95
570	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. WP-2	EA.	5
580	51931	700	NS REMOVE EXISTING SIGN PANEL TY. SP-1 FROM GRD. MNT. STR.	EA.	72
590	51931	700	NS REMOVE EXISTING SIGN PANEL TY SP-1 FROM O/H SIGN STR.	EA	30
600	51931	700	NS REMOVE EXISTING SIGN PANEL TY. SP-2 FROM GRD. MNT. STR.	EA.	1
610	51931	700	NS REMOVE EXISTING SIGN PANEL TY SP-2 FROM O/H SIGN STR.	EA	4
620	51931	700	NS REMOVE EXISTING SIGN PANEL TY SP-3 FROM O/H SIGN STR.	EA	2
630	51931	700	NS REMOVE EXISTING SIGN PANEL TY SP-4 FROM O/H SIGN STR.	EA	12
640	51932	700	NS RELOCATE EXISTING SIGN PANEL TY. GRD. MNT. SP-1	EA	5
650	51932	700	NS RELOCATE EXISTING SIGN PANEL TY. O/H SP-1	EA.	11
660	51960	ATTD	NS INSTALL CONCRETE BARRIER SIGN MOUNTING ASSEMBLY	EA.	8
670	51960	ATTD 510	NS INSTALL SIGN PANEL SP-1 TO GRD. MNT. STR.	EA.	10
680	51960	ATTD 510	NS INSTALL SIGN PANEL TY. SP-1 TO O/H STR.	EA.	20
690	51960	ATTD 510	NS INSTALL SIGN PANEL SP-2 TO GRD. MNT. STR.	EA.	4
700	51960	ATTD 510	NS INSTALL SIGN PANEL TY. SP-2 TO O/H STR.	EA.	2
710	51960	ATTD 510	NS INSTALL SIGN PANEL TY. SP-3 TO O/H STR.	EA.	2
720	51960	ATTD 510	NS INSTALL SIGN PANEL TY. SP-4 TO O/H STR.	EA.	12

Anticipated Summary of Quantities listed below for the anticipated task assignments for the next 24 months. Quantities may vary.

ROAD SYSTEMS	SCOPE OF WORK
Interstate	Express Lanes Phase II – Furnish & Install O/H Sign Panels, Furnish & Install Ground Mounted Sign Panels & Sign Structures
Primary	Route 13 Safety Study – Install Ground Mounted Sign Panels & Sign Structures
Secondary	Curve Warning, Phase VI – Install Ground Mounted Sign Panels & Sign Structures
Interstate	Curve Warning, Phase VII – Install Ground Mounted Sign Panels & Sign Structures
Interstate	Remove 4 O/H Sign Structures per Str. & Bridge Recommendations

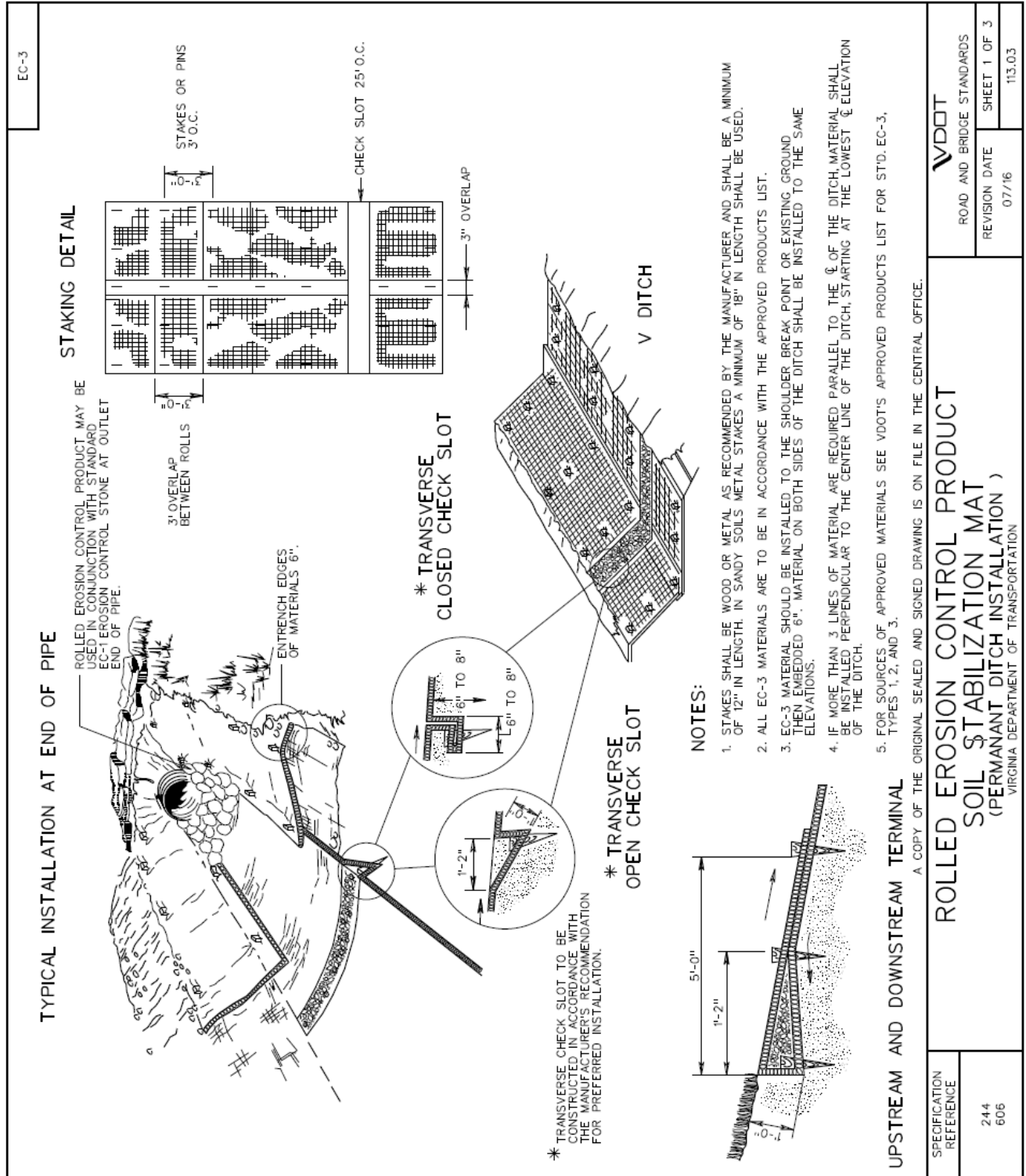
LINE NO.	ITEM #	SPEC	ITEM DESCRIPTION	UNIT	Rte 13	Express Lanes PH II	Curve VI	Curve VII	Remove OH Str	114881 TOTAL
10	00096	ATTD	NS MOBILIZATION SITE	EA.	1	1	1	1	1	5
20	24160	512 ATTD	TEMPORARY (CONSTRUCTION) SIGNS, DETOUR	SF		*		*	*	0
30	24272	512	TRUCK MOUNTED ATTENUATOR	HR	325	*	300	*	792	1417
40	24278	512	GROUP 2 CHANNELIZING DEVICES	DAY	125	*	74	*	300	499
60	24281	512	ELECTRONIC ARROW	HR	175	*	300	*	144	619
70	24282	512	FLAGGER SERVICE	HR			150			150
120	27321	606	ROLLED EROSION CTRL PRODUCT EC-2 TYPE 4	S.Y.					*	0
130	27325	606	ROLLED EROSION CTRL PRODUCT EC-3 TYPE 1	S.Y.					*	0
150	50012	702	ROAD EDGE DELINEATOR, ED-2	EA.	6					6
200	50406	700	VA SIGN POST, W6 x 12	LF		96				96
210	50410	700	VIA SIGN POST, W10 X 12	LF		33				33
220	50411	700	VIA SIGN POST, W12 X 14	LF		36				36
240	50415	700	VIA SIGN POST, W14 X 26	LF		43				43
260	50430	700	SIGN POST STP-1, 2", 14 GAGE	LF	84		1640	810	12	2546
270	50432	700	SIGN POST STP-1, 2 3/16", 10 GAGE	LF	312		36	150	42	540
280	50434	700	SIGN POST STP-1, 2 1/2", 10 GAGE	LF	676		84	1288	112	2160
290	50436	700	SIGN POST STP-1, 2 1/2", 12 GAGE	LF	1200		1870	113		3183
300	50485	700	CONC. SIGN FOUNDATION STP-1, TYPE A	EA	107		295	95	1	498
310	50486	700	CONC. SIGN FOUNDATION STP-1, TYPE B	EA	53		6	92	7	158

LINE NO.	ITEM #	SPEC	ITEM DESCRIPTION	UNIT	Rte 13	Express Lanes PH II	Curve VI	Curve VII	Remove OH Str	114881 TOTAL
330	50501	700	CONC.SIGN FOUND. SSP-V A 2'6" DIA. X 7' DEPTH	EA		6				6
360	50506	700	CONC.SIGN FOUND.SSP-VI A 2'3" DIA.X 4'6"	EA		2				2
370	50528	700	CONC.SIGN FOUND.SSP-VI A 3'0" DIA.X 7' DE	EA		4				4
400	50900	700	NS TRAFFIC SIGN SIGN POST, UPS-1,2 LB/LF	LF	276					276
410	50901	700 ATTD	NS TRAFFIC SIGN GROUND MOUNTED SIGN PANELS	S.F.	1598.23	472.25	2015.5	2190	320.63	6596.61
420	50901	700 ATTD	NS TRAFFIC SIGN OVERHEAD SIGN PANELS	S.F.		5837.5				5837.5
430	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. MBM	EA.		16				16
440	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. O/H BRIDGE MT	EA.		6				6
460	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. O/H CANTILEVER	EA.		2				2
470	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. O/H SPAN 0' - 75'	EA					2	2
480	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. O/H SPAN 151' - 225'	EA					2	2
500	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. STP-1	EA	2		18	8		28
530	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. UPS-1	EA.	24					24
540	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. V A	EA.		19		21		40
560	51930	700	NS REMOVE EXISTING SIGN STRUCTURE TY. WP-1	EA.	47	1	38	4		90
580	51931	700	NS REMOVE EXISTING SIGN PANEL TY. SP-1 FROM GRD. MNT. STR.	EA.	9	10	5	48		72
590	51931	700	NS REMOVE EXISTING SIGN PANEL TY SP-1 FROM O/H SIGN STR.	EA		27				27
600	51931	700	NS REMOVE EXISTING SIGN PANEL TY. SP-2 FROM GRD. MNT. STR.	EA.		1				1
610	51931	700	NS REMOVE EXISTING SIGN PANEL TY SP-2 FROM O/H SIGN STR.	EA		1				1
620	51931	700	NS REMOVE EXISTING SIGN PANEL TY SP-3 FROM O/H SIGN STR.	EA		1				1
630	51931	700	NS REMOVE EXISTING SIGN PANEL TY SP-4 FROM O/H SIGN STR.	EA		11				11
650	51932	700	NS RELOCATE EXISTING SIGN PANEL TY. O/H SP-1	EA.				11		11
660	51960	ATTD	NS INSTALL CONCRETE BARRIER SIGN MOUNTING ASSEMBLY	EA.				7		7
670	51960	ATTD 510	NS INSTALL SIGN PANEL SP-1 TO GRD. MNT. STR.	EA.		9				9



LINE NO.	ITEM #	SPEC	ITEM DESCRIPTION	UNIT	Rte 13	Express Lanes PH II	Curve VI	Curve VII	Remove OH Str	114881 TOTAL
680	51960	ATTD 510	NS INSTALL SIGN PANEL TY. SP-1 TO O/H STR.	EA.		20				20
690	51960	ATTD 510	NS INSTALL SIGN PANEL SP-2 TO GRD. MNT. STR.	EA.		1				1
710	51960	ATTD 510	NS INSTALL SIGN PANEL TY. SP-3 TO O/H STR.	EA.		1				1
720	51960	ATTD 510	NS INSTALL SIGN PANEL TY. SP-4 TO O/H STR.	EA.		11				11

\*Quantities unknown at this time.



ROLLED EROSION CONTROL PRODUCT  
SOIL STABILIZATION MAT  
(PERMANENT DITCH INSTALLATION)

ROAD AND BRIDGE STANDARDS

REVISION DATE 07/16

SHEET 1 OF 3

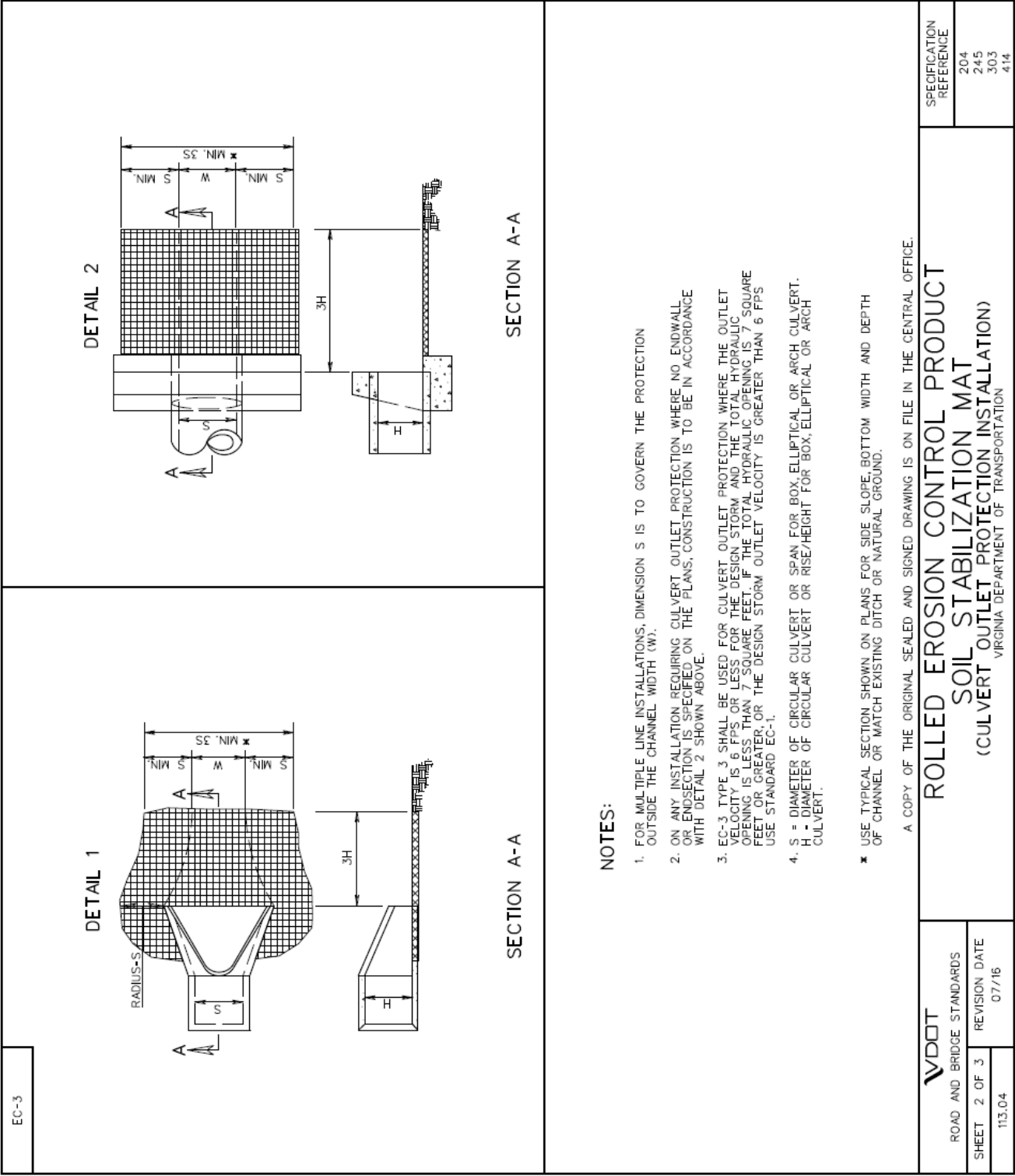
113.03

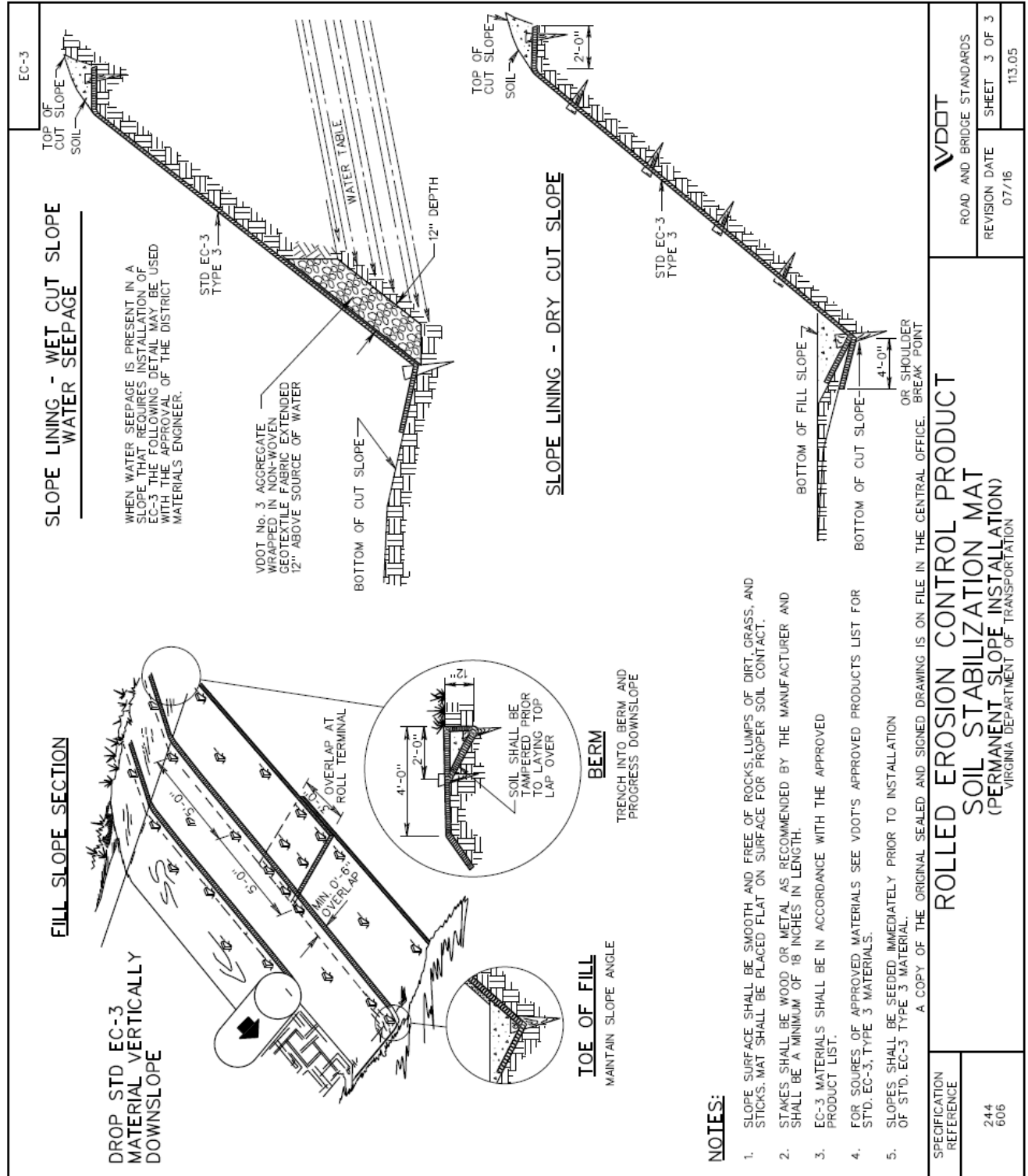
UPSTREAM AND DOWNSTREAM TERMINAL

A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE.

NOTES:

1. STAKES SHALL BE WOOD OR METAL AS RECOMMENDED BY THE MANUFACTURER AND SHALL BE A MINIMUM OF 12" IN LENGTH. IN SANDY SOILS METAL STAKES A MINIMUM OF 18" IN LENGTH SHALL BE USED.
2. ALL EC-3 MATERIALS ARE TO BE IN ACCORDANCE WITH THE APPROVED PRODUCTS LIST.
3. EC-3 MATERIAL SHOULD BE INSTALLED TO THE SHOULDER BREAK POINT OR EXISTING GROUND ELEVATIONS.
4. IF MORE THAN 3 LINES OF MATERIAL ARE REQUIRED PARALLEL TO THE CL OF THE DITCH, MATERIAL SHALL BE INSTALLED PERPENDICULAR TO THE CENTER LINE OF THE DITCH, STARTING AT THE LOWEST CL ELEVATION OF THE DITCH.
5. FOR SOURCES OF APPROVED MATERIALS SEE VDOT'S APPROVED PRODUCTS LIST FOR STD. EC-3, TYPES 1, 2, AND 3.





**NOTES:**

1. SLOPE SURFACE SHALL BE SMOOTH AND FREE OF ROCKS, LUMPS OF DIRT, GRASS, AND STICKS. MAT SHALL BE PLACED FLAT ON SURFACE FOR PROPER SOIL CONTACT.
2. STAKES SHALL BE WOOD OR METAL AS RECOMMENDED BY THE MANUFACTURER AND SHALL BE A MINIMUM OF 18 INCHES IN LENGTH.
3. EC-3 MATERIALS SHALL BE IN ACCORDANCE WITH THE APPROVED PRODUCT LIST.
4. FOR SOURCES OF APPROVED MATERIALS SEE VDOT'S APPROVED PRODUCTS LIST FOR STD, EC-3, TYPE 3 MATERIALS.
5. SLOPES SHALL BE SEDED IMMEDIATELY PRIOR TO INSTALLATION OF STD, EC-3 TYPE 3 MATERIAL.

A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE, BREAK POINT

**ROLLED EROSION CONTROL PRODUCT**  
**SOIL STABILIZATION MAT**  
**(PERMANENT SLOPE INSTALLATION)**  
VIRGINIA DEPARTMENT OF TRANSPORTATION

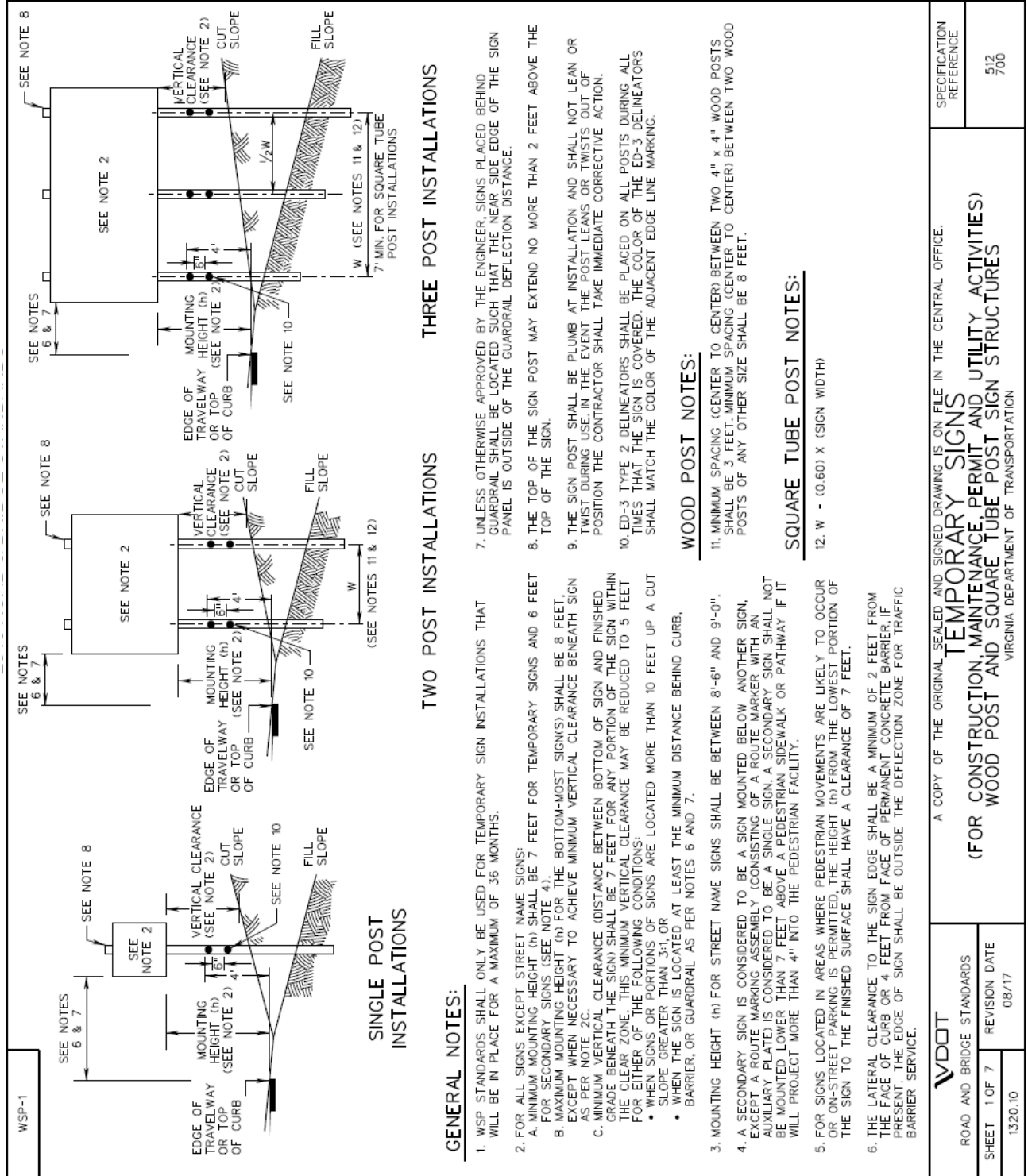
**VDOT**

ROAD AND BRIDGE STANDARDS

REVISION DATE  
07/16

SHEET 3 OF 3  
113.05

2016 ROAD & BRIDGE STANDARDS



<div>WSP-1</div>		<div>METHOD OF POST DRILLING</div>	
<div><div><div><div><div><div>GROUND LINE</div><div>WOOD POST</div><div>80 LBS OF CEMENTITIOUS MATERIAL SHALL BE MIXED WITH THE EXCAVATED MATERIAL AND THEN BACKFILLED IN 6" LIFTS WITH TAMPING.</div><div>1'-0"</div><div>3' MIN. FOR 4"x4" POST.</div><div>4' MIN. FOR ALL OTHER POSTS.</div></div></div><div><div>WOOD POST</div><div>STANDARD BITUMINOUS SURFACE COURSE</div><div>3' MIN. FOR 4"x4" POST.</div><div>4' MIN. FOR ALL OTHER POSTS.</div><div>1'-0"</div><div>BACKFILL MATERIAL TO BE TAMPED. NO CONCRETE USED.</div></div></div><div>SET IN EARTH</div></div><div><div><div><div><div>SIGN FACE</div><div>BOTTOM OF SIGN</div><div>WOOD POST</div><div>GROUND LINE</div><div>GROUND LINE</div></div><div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD POST</div><div>WOOD 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WSP-1

DESIGN TABLE FOR WOOD POST					
SIZE OF POST	CENTROID (FT)	MAXIMUM AREA (TOTAL OF SIGNS) (FT <sup>2</sup> )			COMMENTS
		SINGLE-POST	TWO-POST	THREE-POST	
4" X 4"	8	7	13	20	SEE NOTE 1
	9	6	12	18	
	10	5	11	16	
	11	5	10	15	
	12	4	9	13	
4" X 6" (SEE NOTE 2)	8	18	37	55	
	9	16	33	49	
	10	15	29	44	
	11	13	27	40	
	12	12	25	37	
5" X 5"	8	15	31	46	
	9	14	27	41	
	10	12	24	37	
	11	11	22	33	
	12	10	20	31	
6" X 6"	8	29	58	87	
	9	26	51	77	
	10	23	46	69	
	11	21	42	63	
	12	19	39	58	
6" X 8" (SEE NOTE 2)	13	18	36	53	
	8	52	103	155	
	9	46	92	138	
	10	41	83	124	
	11	38	75	113	
	12	34	69	103	
	13	32	64	95	
	14	22	44	66	

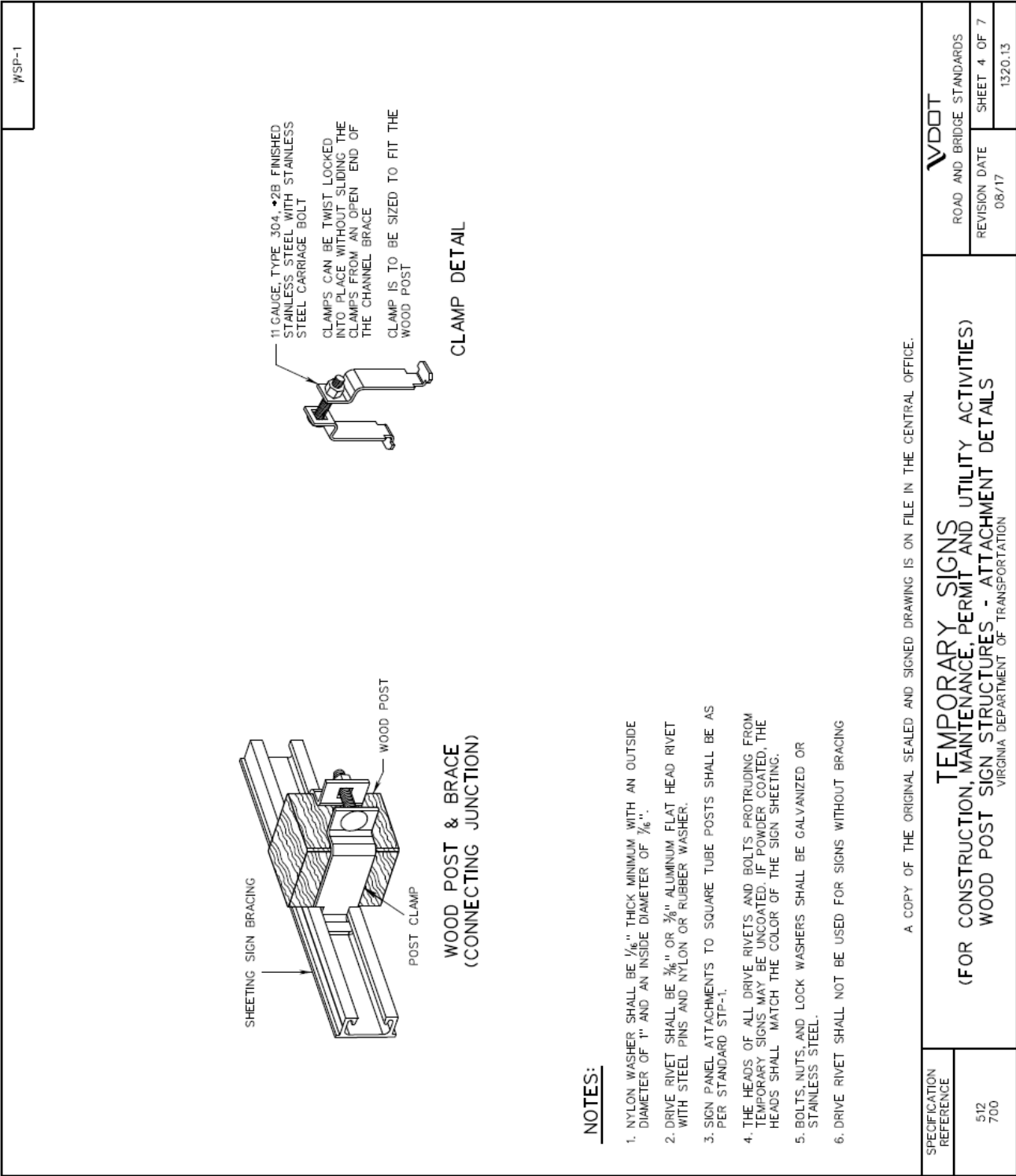
**NOTES:**

- FOR A SINGLE 4" X 4" POST THE MAXIMUM TOTAL SIGN CAN BE INCREASED TO 16 SQUARE FEET PROVIDED:
  - THE MAXIMUM VERTICAL CLEARANCE BETWEEN THE GROUND LEVEL AND BOTTOM OF THE SIGN DOES NOT EXCEED 7'-6" WHILE MAINTAINING A 7'-0" MINIMUM MOUNTING HEIGHT (h) BETWEEN BOTTOM OF SIGN AND TOP OF ROADWAY SURFACE AT THE EDGE OF TRAVEL LANE.
- CONTRACTOR SUPPLIES DEPARTMENT WITH MATERIALS CERTIFICATION FOR WOOD POSTS TO ENSURE CONFORMANCE WITH SECTION 236 OF THE SPECIFICATIONS.
- LARGER DIMENSION OF WOOD POST SHALL BE IN DIRECTION OF (PARALLEL TO) TRAFFIC.
- CENTROID SHALL BE DETERMINED IN ACCORDANCE WITH STANDARD POS-1.

A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE.

 ROAD AND BRIDGE STANDARDS SHEET 3 OF 7 1320.12		TEMPORARY SIGNS (FOR CONSTRUCTION, MAINTENANCE, PERMIT AND UTILITY ACTIVITIES) WOOD POST SIGN STRUCTURES VIRGINIA DEPARTMENT OF TRANSPORTATION 2016 ROAD & BRIDGE STANDARDS		SPECIFICATION REFERENCE
				512 700







WSP-1	<p style="text-align: center;"><b>WOOD POSTS NOT REQUIRING BRACING</b></p> <p style="text-align: center;"><b>SINGLE SIGN PANEL DETAIL</b></p> <p style="text-align: center;"><b>SINGLE SIGN PANEL ALTERNATE METHOD DETAIL</b></p> <p style="text-align: center;"><b>BACK-TO-BACK SIGN PANEL DETAIL</b></p>	<p style="text-align: center;"><b>WOOD POSTS REQUIRING BRACING</b></p> <p style="text-align: center;"><b>SIGN PANEL ATTACHMENT DETAIL</b></p> <p style="text-align: center;"><b>SINGLE SIGN PANEL ALTERNATE METHOD DETAIL</b></p>
<p><b>NOTES:</b></p> <p>1. SEE SHEET 4 OF 7 FOR NOTES.</p>		<p style="text-align: center;"><b>BACK-TO-BACK SIGN PANEL DETAIL</b></p>
<p style="text-align: center;"><b>WOOD POSTS NOT REQUIRING BRACING</b></p>		<p style="text-align: center;"><b>WOOD POSTS REQUIRING BRACING</b></p>
<p style="text-align: center;"><b>TEMPORARY SIGNS</b> (FOR CONSTRUCTION, MAINTENANCE, PERMIT AND UTILITY ACTIVITIES) WOOD POST SIGN STRUCTURES - ATTACHMENT DETAILS</p> <p style="text-align: right;">VIRGINIA DEPARTMENT OF TRANSPORTATION</p>		<p style="text-align: center;"><b>TEMPORARY SIGNS</b> (FOR CONSTRUCTION, MAINTENANCE, PERMIT AND UTILITY ACTIVITIES) WOOD POST SIGN STRUCTURES - ATTACHMENT DETAILS</p> <p style="text-align: right;">VIRGINIA DEPARTMENT OF TRANSPORTATION</p>
<p style="text-align: center;"><b>ROAD AND BRIDGE STANDARDS</b></p> <p>SHEET 5 OF 7      REVISION DATE 08/17</p> <p>1320.14</p>		<p style="text-align: center;"><b>ROAD AND BRIDGE STANDARDS</b></p> <p>SHEET 5 OF 7      REVISION DATE 08/17</p> <p>1320.14</p>
<p style="text-align: center;"><b>2016 ROAD &amp; BRIDGE STANDARDS</b></p>		<p style="text-align: center;"><b>2016 ROAD &amp; BRIDGE STANDARDS</b></p>

WSP-1

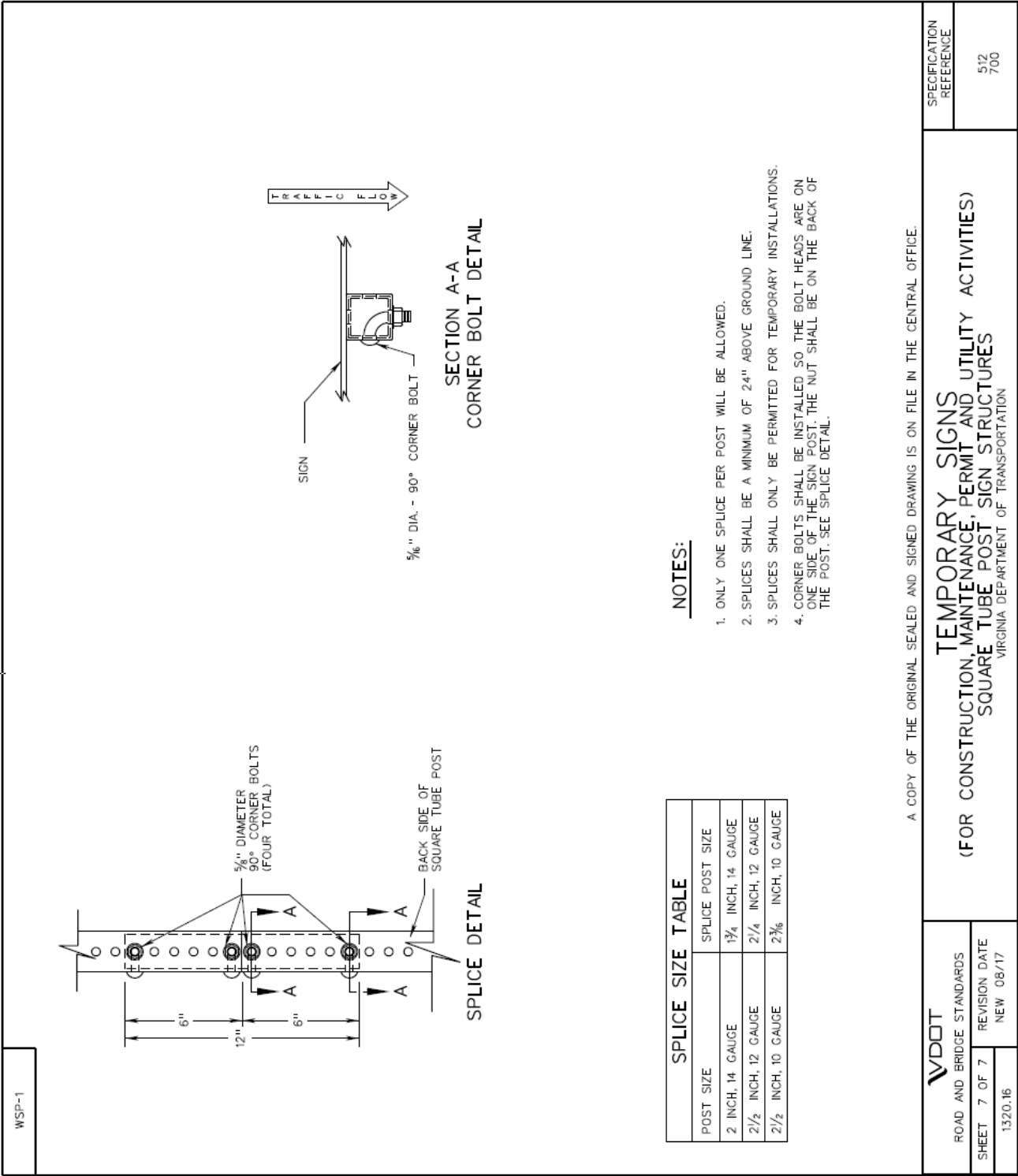
DESIGN TABLE FOR SQUARE TUBE POST					
SIZE OF POST	CENTROID (FT)	MAXIMUM AREA (TOTAL OF SIGNS) (FT <sup>2</sup> )			COMMENTS
		SINGLE POST	TWO POST	THREE POST	
2 INCH 14 GA.	8	10.7	21.4	TYPE A, TYPE D, OR TYPE F FOUNDATION (SEE NOTE 4)	
	9	9.5	19.0		
	10	8.5	17.0		
	11	7.7	15.4		
	12	7.1	14.2		
	13	6.5	13.0		
	14	6.1	12.2		
2 1/2 INCH 12 GA.	8	21.5	TYPE A OR TYPE E FOUNDATION (SEE NOTE 4)		
	9	19.1			
	10	17.2			
	11	15.6			
	12	14.3			
	13	13.2			
	14	12.3			
2 1/2 INCH 10 GA.	8	24.8	49.6	74.4	TYPE B OR TYPE C FOUNDATION (SEE NOTE 4)
	9	22.0	44.0	66.0	
	10	19.8	39.6	59.4	
	11	18.0	36.0	54.0	
	12	16.5	33.0	49.5	
	13	15.2	30.4	45.6	
	14	14.1	28.2	42.3	
2 1/2 INCH 10 GA. WITH 2 3/8 INCH 10 GA. INNER POST (SEE NOTE 1)	8	43.4	86.8	130.2	TYPE B OR TYPE C FOUNDATION (SEE NOTE 4)
	9	38.6	77.2	115.8	
	10	34.7	69.4	104.1	
	11	31.6	63.2	94.8	
	12	28.9	57.8	86.7	
	13	26.7	53.4	80.1	
	14	24.8	49.6	74.4	

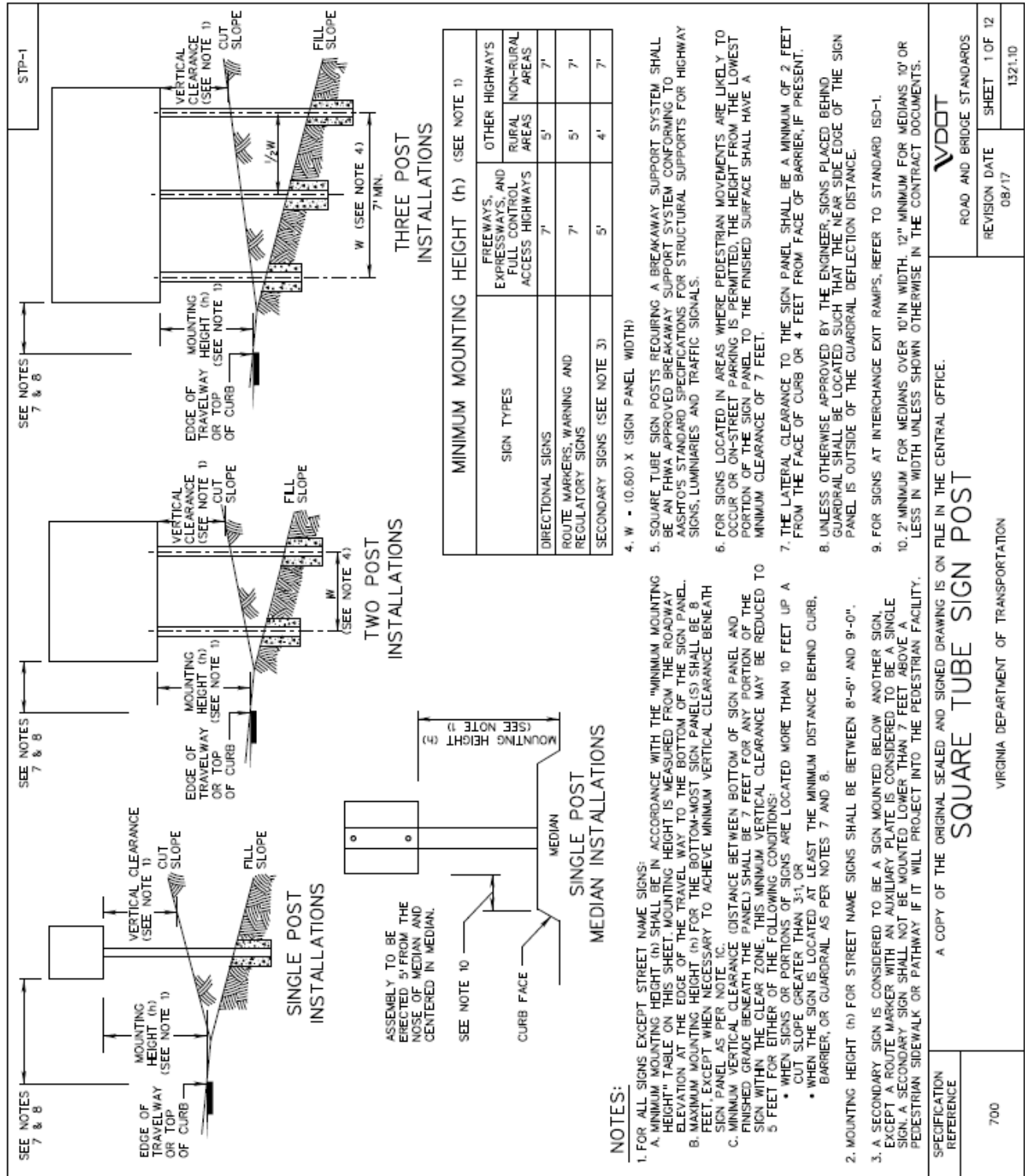
**NOTES:**

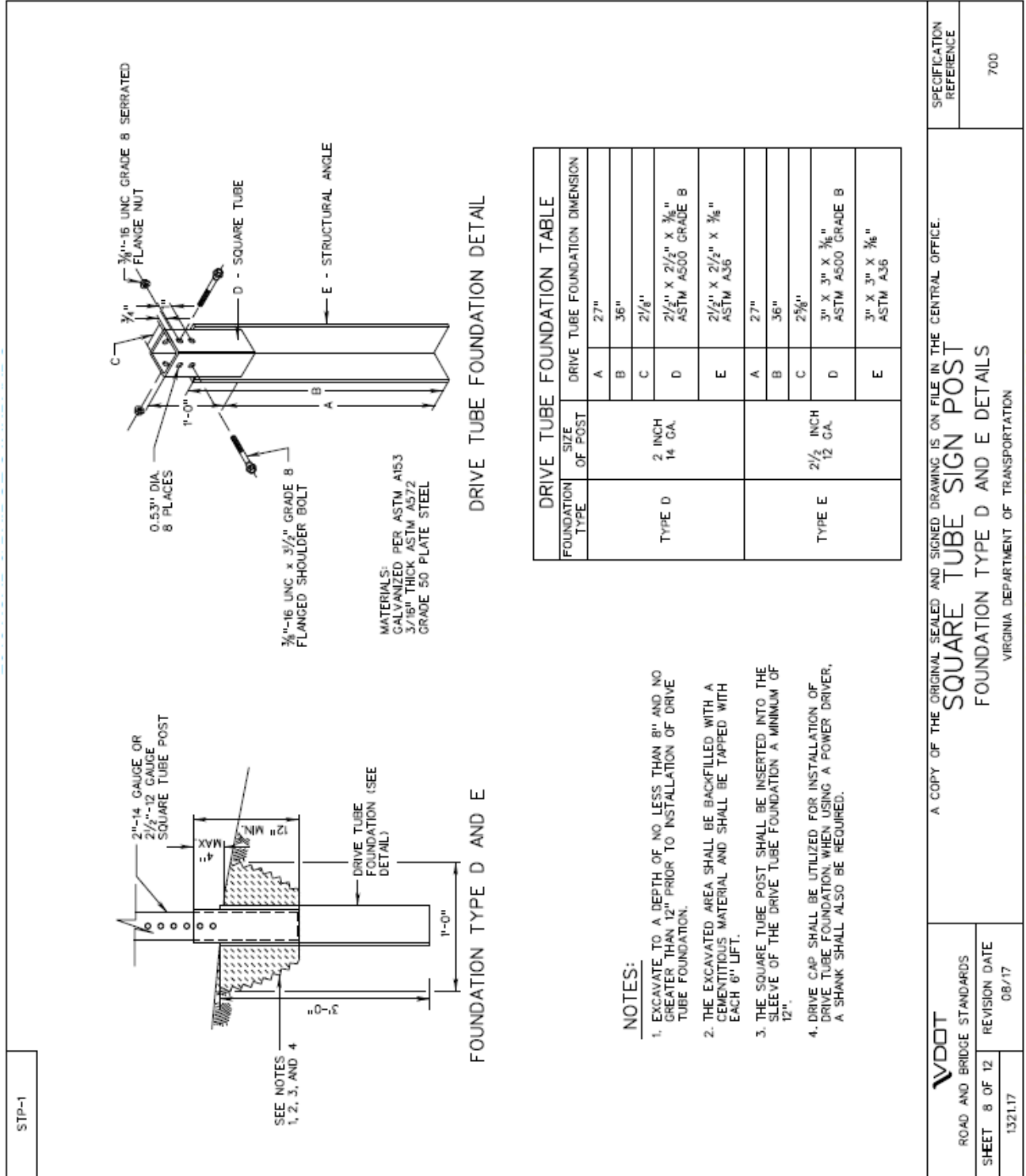
1. THE INNER POST SHALL BE 6 FEET IN LENGTH.
2. CENTROID SHALL BE DETERMINED IN ACCORDANCE WITH PCS-1.
3. MINIMUM COLD FORMED YIELD STRENGTH SHALL BE:  
14 GA AND 12 GA - 60 KSI  
10 GA - 55 KSI
4. TYPE A, B, C, D, E, AND F FOUNDATIONS SHALL BE IN ACCORDANCE WITH STANDARD STP-1.

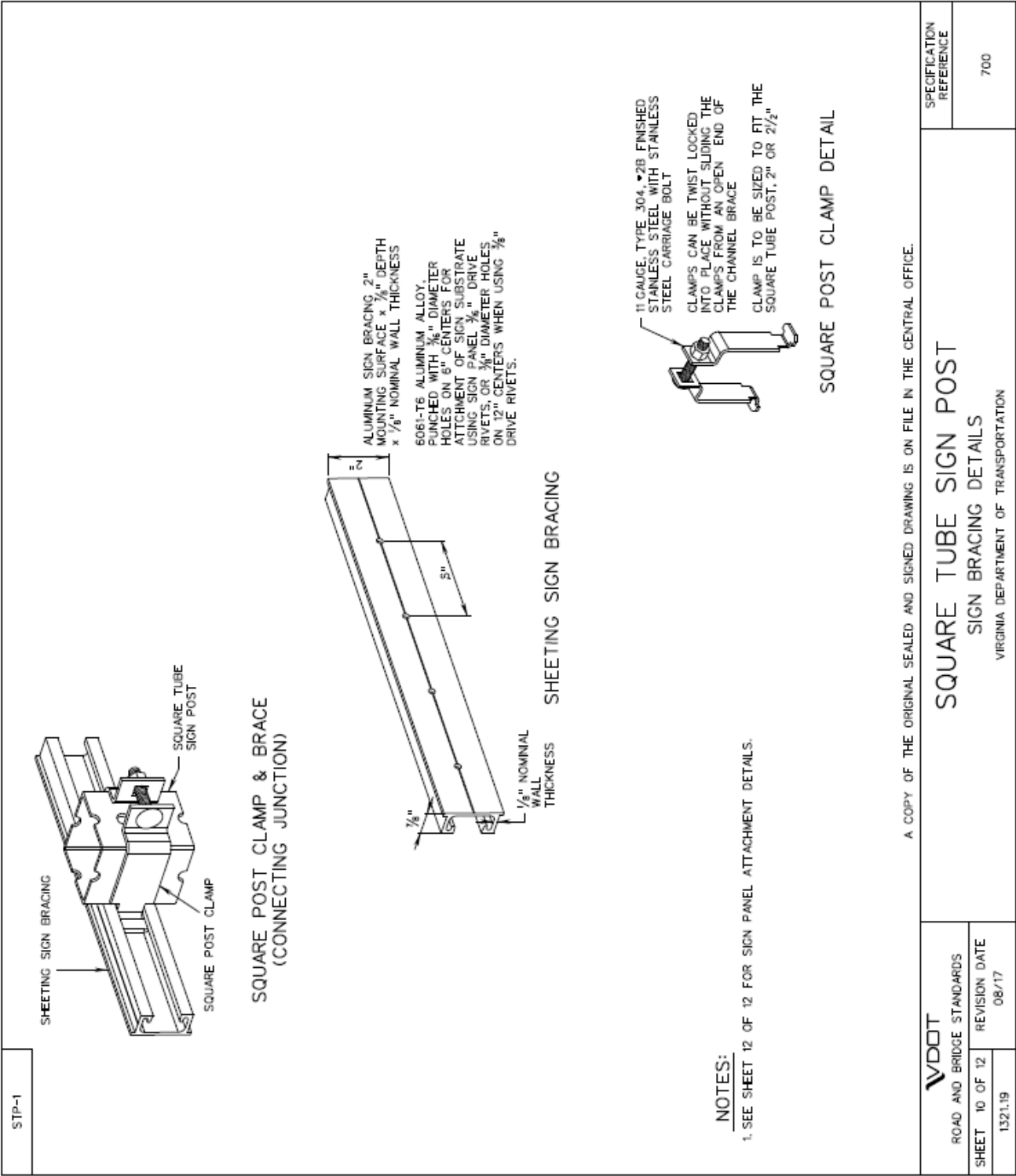
A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE.

SPECIFICATION REFERENCE	TEMPORARY SIGNS  (FOR CONSTRUCTION, MAINTENANCE, PERMIT AND UTILITY ACTIVITIES)  SQUARE TUBE POST SIGN STRUCTURES  VIRGINIA DEPARTMENT OF TRANSPORTATION			VDOT  ROAD AND BRIDGE STANDARDS	
	512 700	REVISION DATE	08/17	SHEET 6 OF 7	1320.15



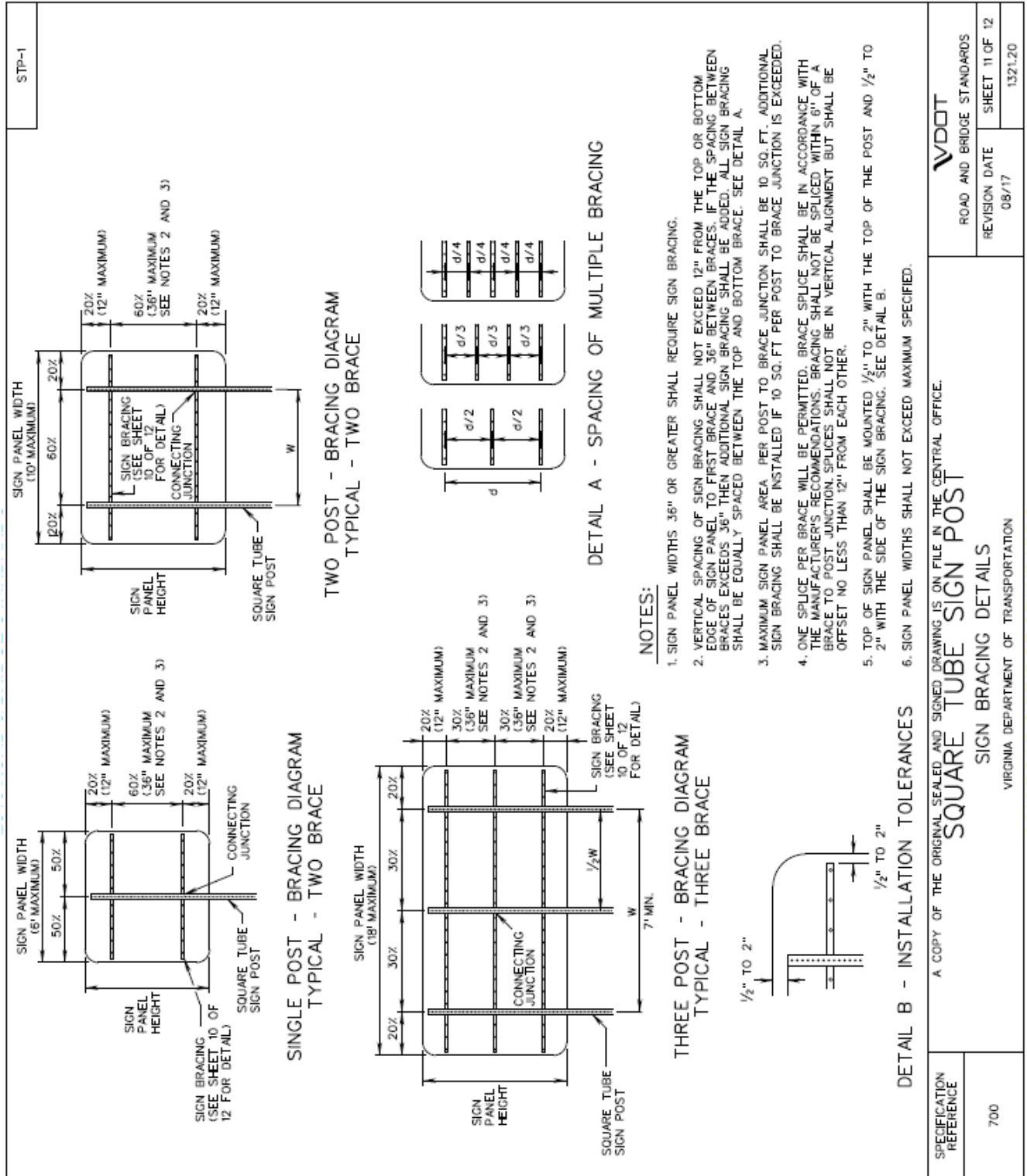




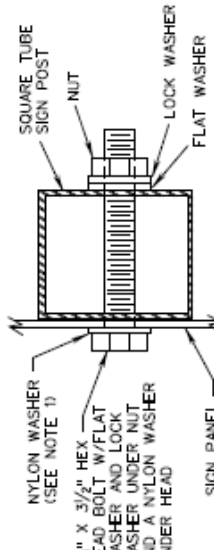
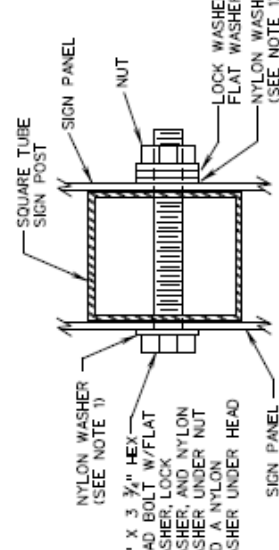
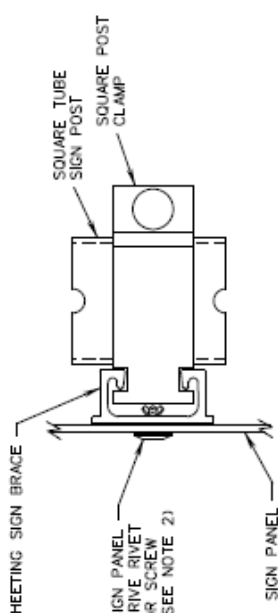
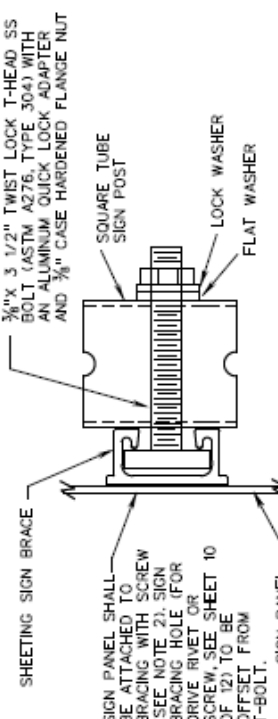
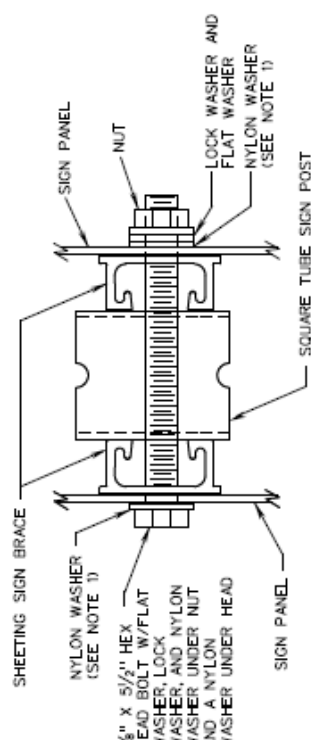


A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE.

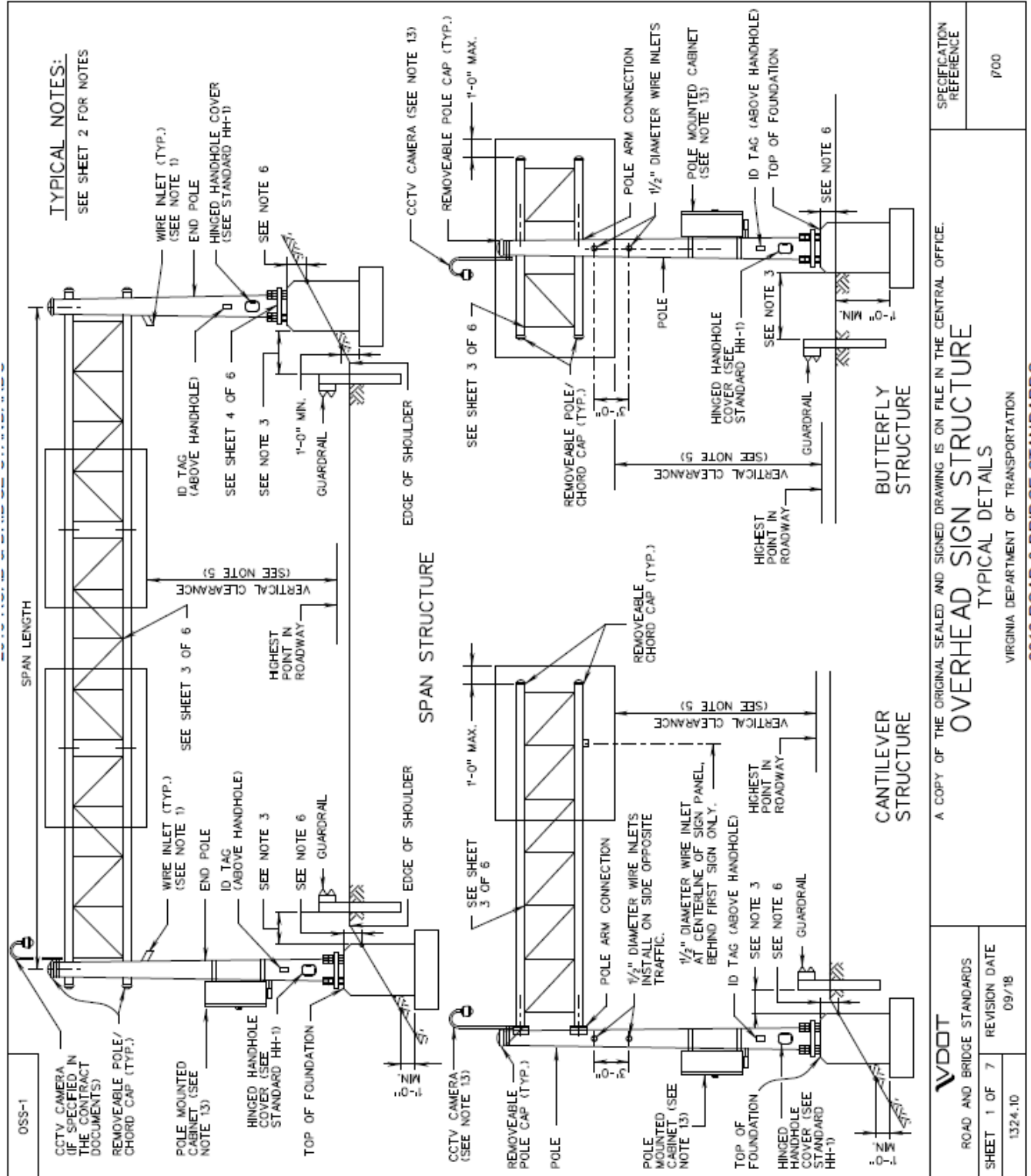
VDOT ROAD AND BRIDGE STANDARDS		SQUARE TUBE SIGN POST SIGN BRACING DETAILS		SPECIFICATION REFERENCE
SHEET 10 OF 12	REVISION DATE 08/17	VIRGINIA DEPARTMENT OF TRANSPORTATION		700
1321.19		2016 ROAD & BRIDGE STANDARDS		

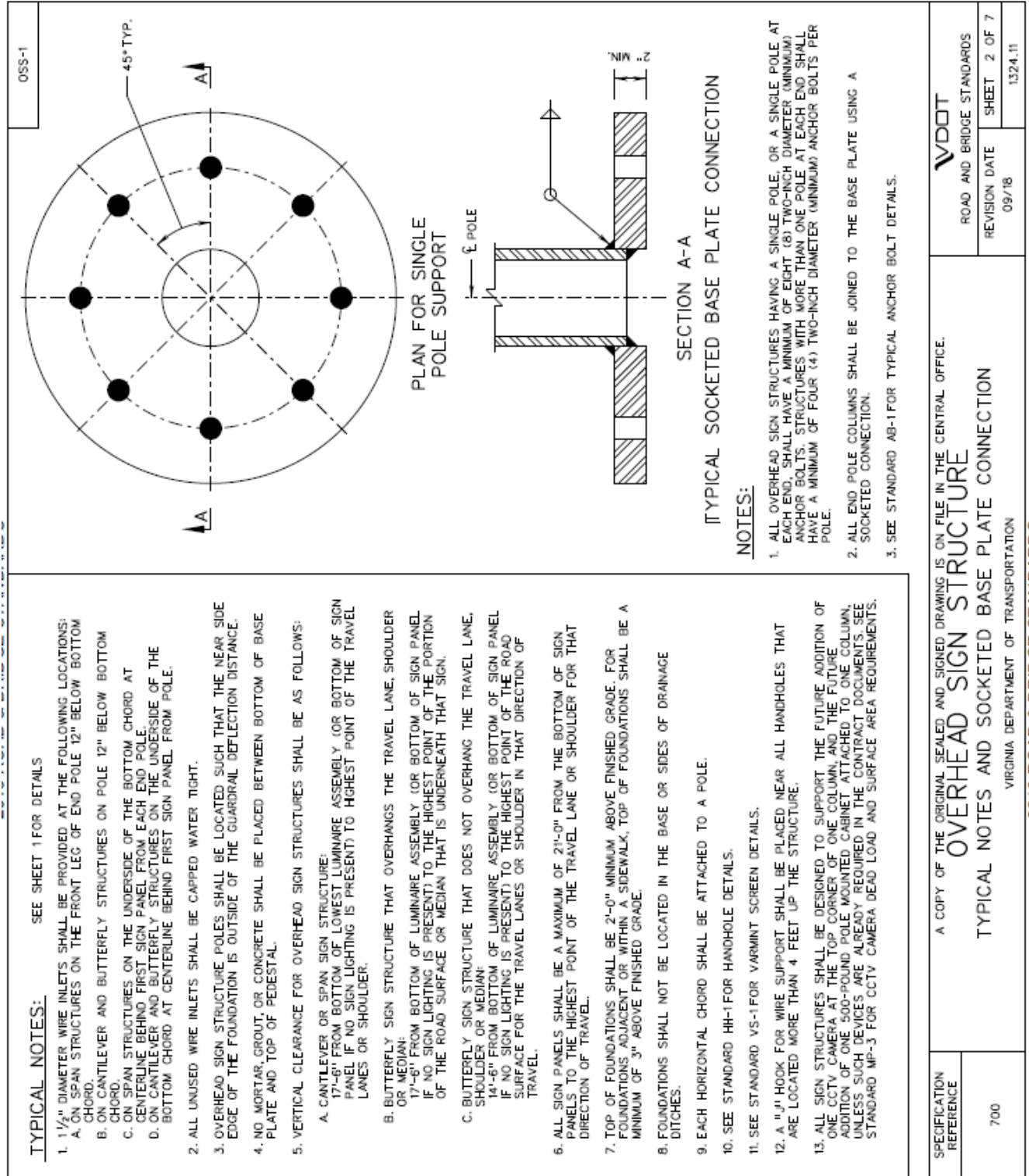




<p>STP-1</p>	<p><b>SIGN POSTS NOT REQUIRING BRACING</b></p>  <p>SINGLE SIGN PANEL DETAIL</p>  <p>BACK-TO-BACK SIGN PANEL DETAIL</p> <p><b>NOTES:</b></p> <ol style="list-style-type: none"> <li>1. NYLON WASHER SHALL BE <math>\frac{1}{8}</math>" THICK MINIMUM WITH AN OUTSIDE DIAMETER OF 1" AND AN INSIDE DIAMETER OF <math>\frac{7}{8}</math>".</li> <li>2. DRIVE RIVET SHALL BE <math>\frac{3}{16}</math>" OR <math>\frac{1}{8}</math>" ALUMINUM FLAT HEAD RIVET WITH STEEL PINS AND NYLON OR RUBBER WASHER.</li> <li>3. THE HEADS OF ALL DRIVE RIVETS AND HEX HEAD BOLTS SHALL BE POWDER COATED TO MATCH THE COLOR OF THE SIGN SHEETING.</li> <li>4. DRIVE RIVET SHALL NOT BE USED FOR SIGNS WITHOUT BRACING.</li> </ol>	<p><b>SIGN POSTS REQUIRING BRACING</b></p>  <p>SINGLE SIGN PANEL DETAIL</p>  <p>SINGLE SIGN PANEL ALTERNATE METHOD DETAIL</p>  <p>BACK-TO-BACK SIGN PANEL DETAIL</p>	<p>A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE.</p> <p><b>SQUARE TUBE SIGN POST</b></p> <p><b>SIGN PANEL ATTACHMENT DETAILS</b></p> <p>VIRGINIA DEPARTMENT OF TRANSPORTATION</p> <p><b>2016 ROAD &amp; BRIDGE STANDARDS</b></p> <p>ROAD AND BRIDGE STANDARDS</p> <p>SHEET 12 OF 12</p> <p>REVISION DATE 08/17</p> <p>1321.21</p> <p>SPECIFICATION REFERENCE</p> <p>700</p>
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VDOT

ROAD AND BRIDGE STANDARDS

REVISION DATE 09/18

SHEET 2 OF 7

1324.11

A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE.

OVERHEAD SIGN STRUCTURE

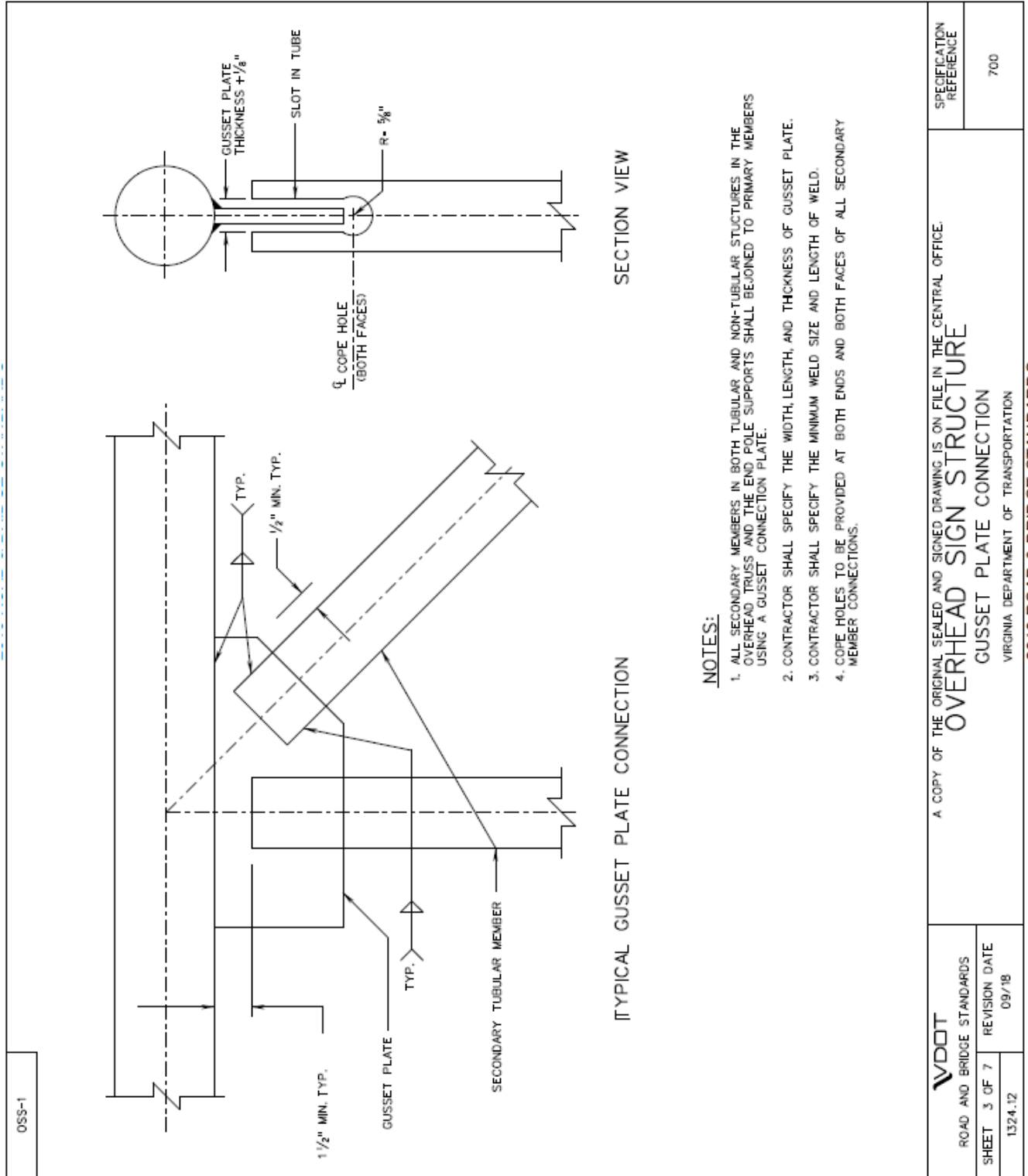
TYPICAL NOTES AND SOCKETED BASE PLATE CONNECTION

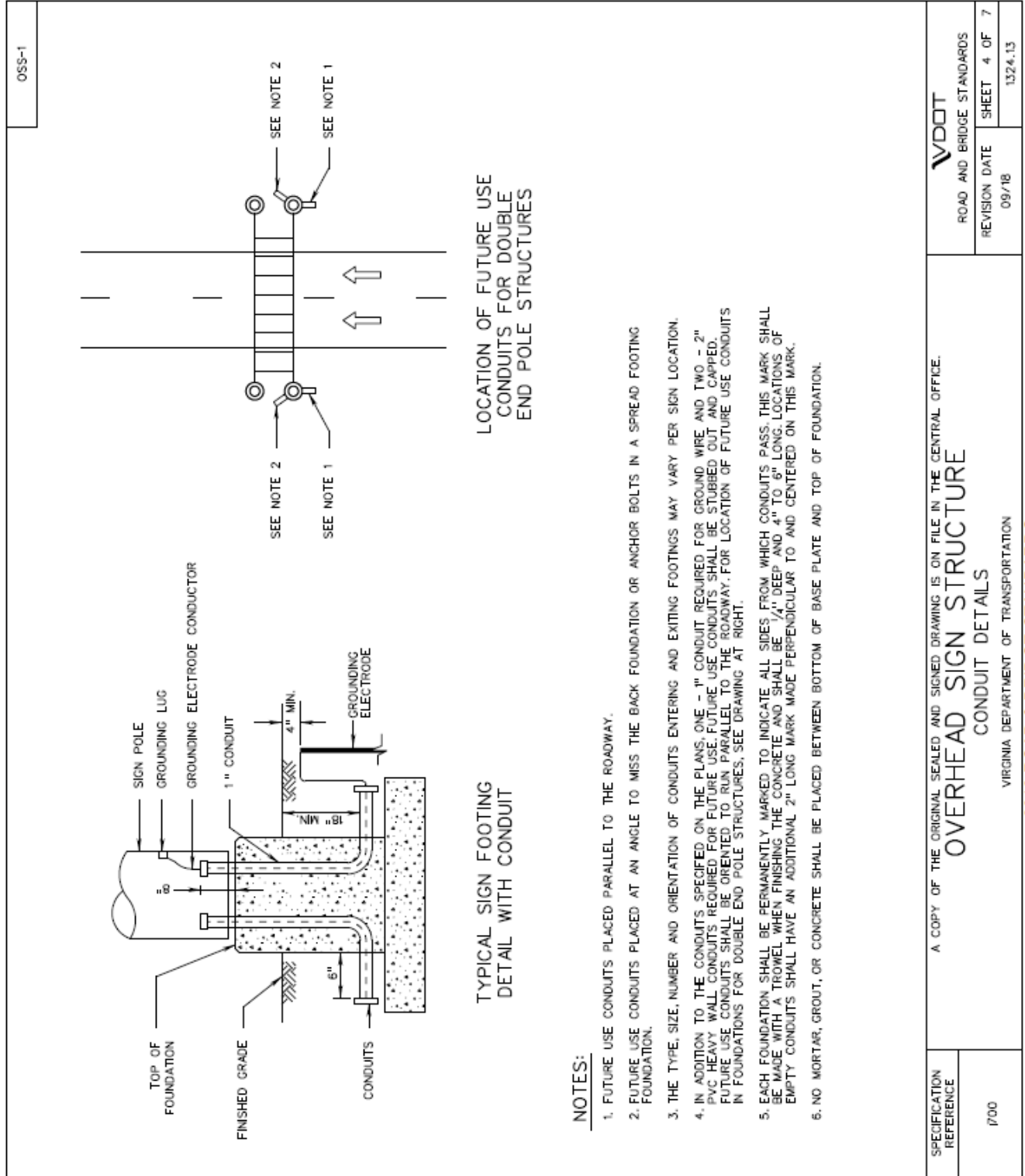
VIRGINIA DEPARTMENT OF TRANSPORTATION

2016 ROAD & BRIDGE STANDARDS

SPECIFICATION REFERENCE

700





OSS-1

VDOT

ROAD AND BRIDGE STANDARDS

REVISION DATE  
09/18

SHEET 4 OF 7

1324.13

A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE.

OVERHEAD SIGN STRUCTURE

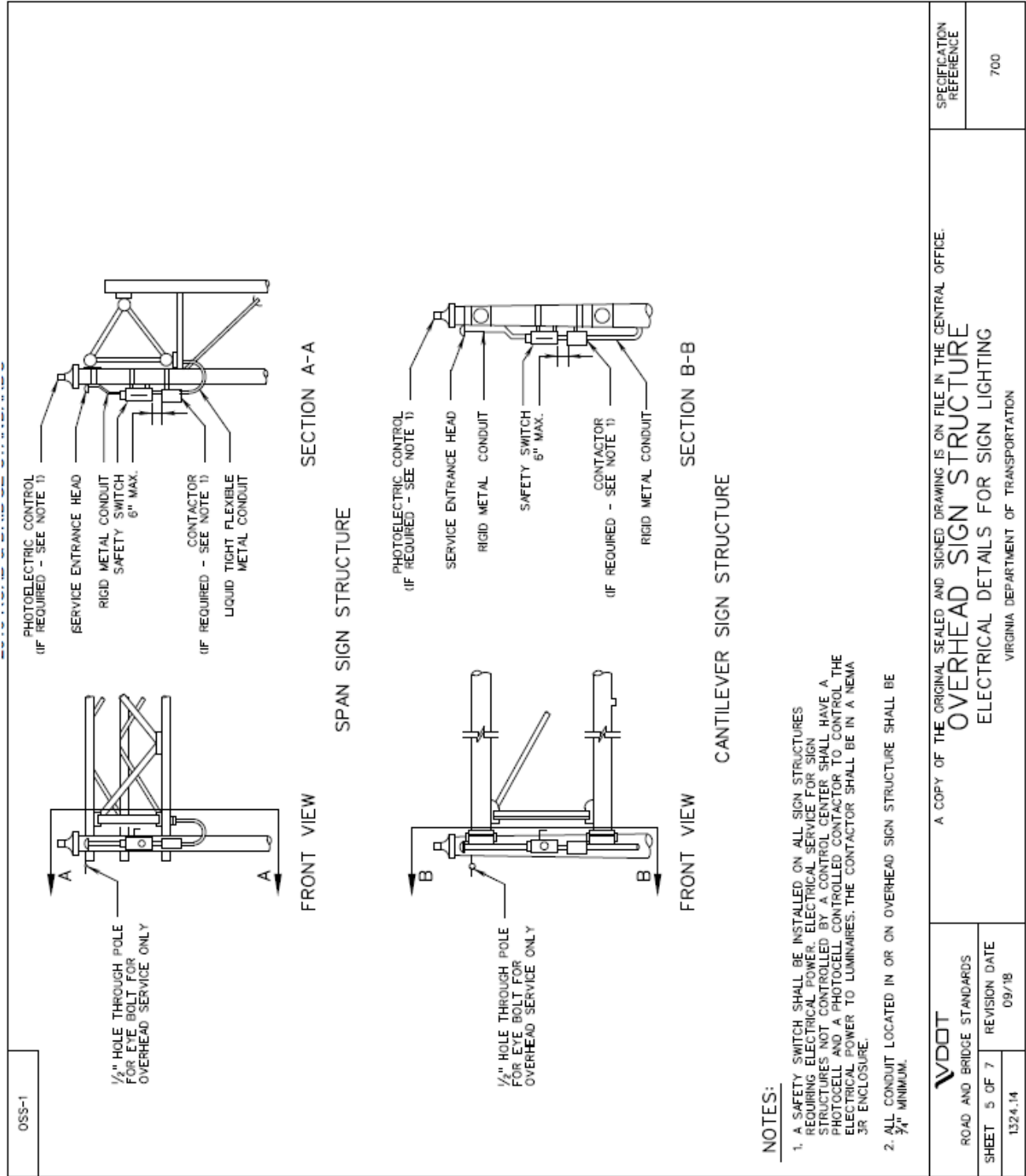
CONDUIT DETAILS

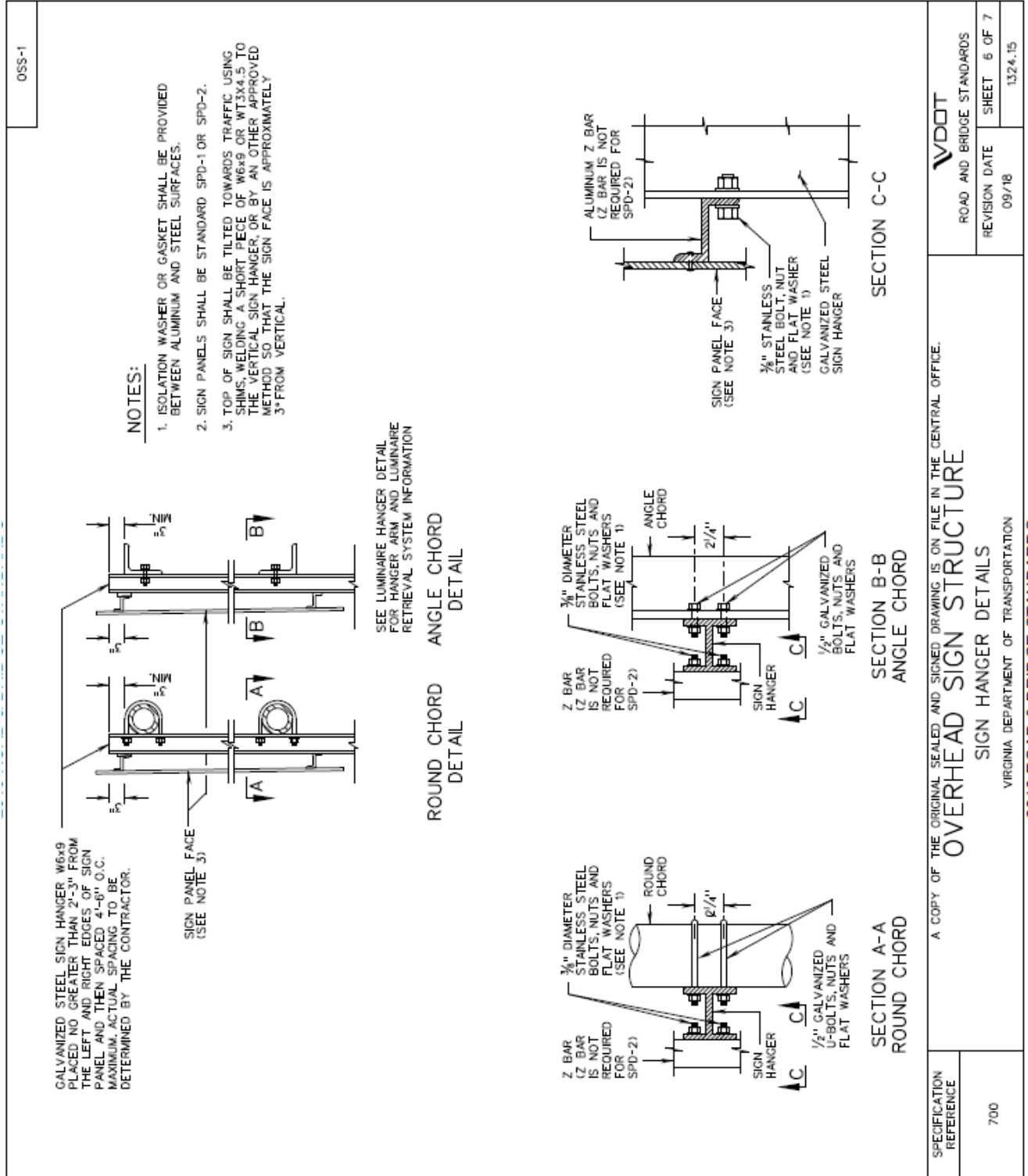
VIRGINIA DEPARTMENT OF TRANSPORTATION

2016 ROAD & BRIDGE STANDARDS

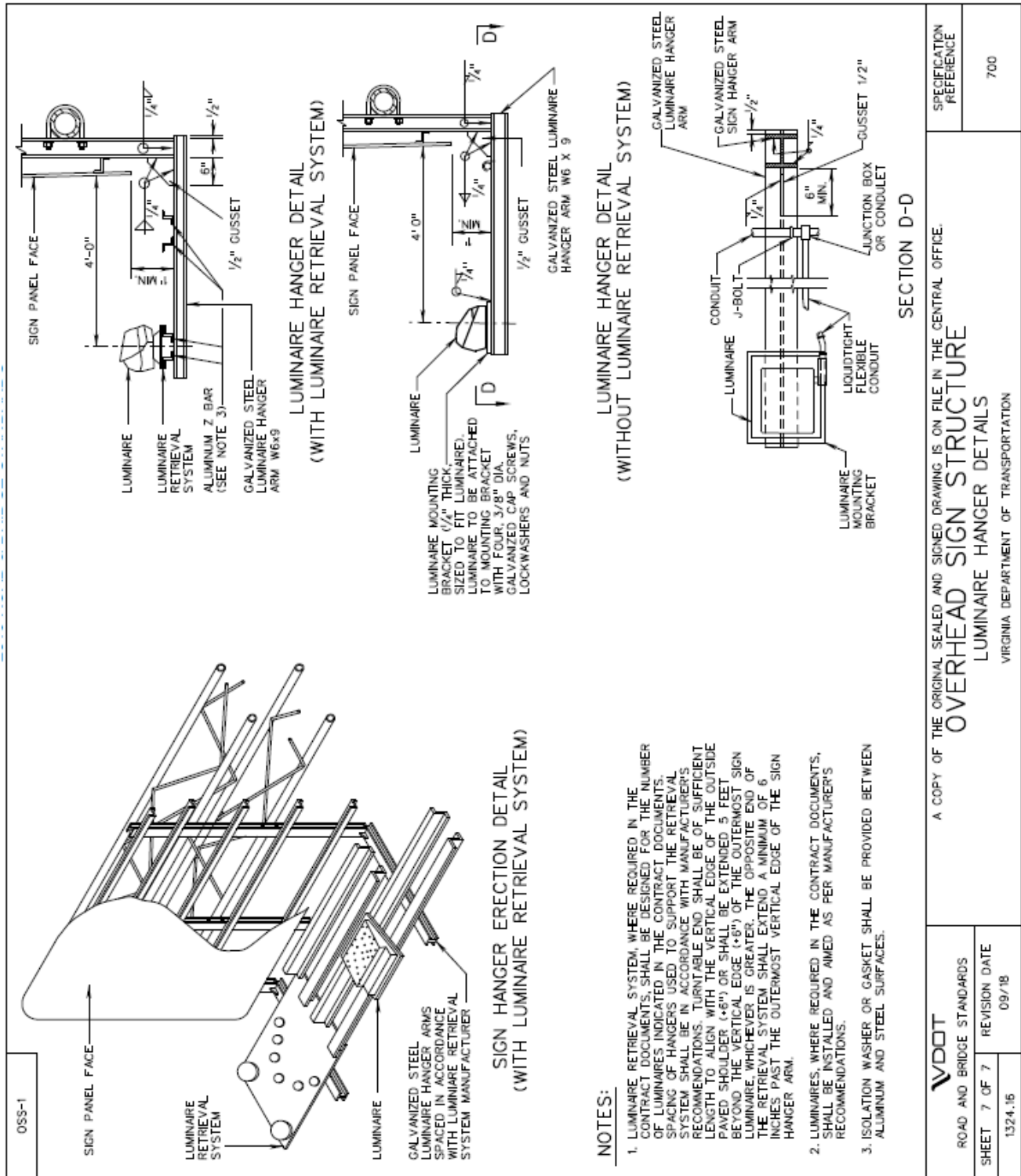
SPECIFICATION  
REFERENCE

I700











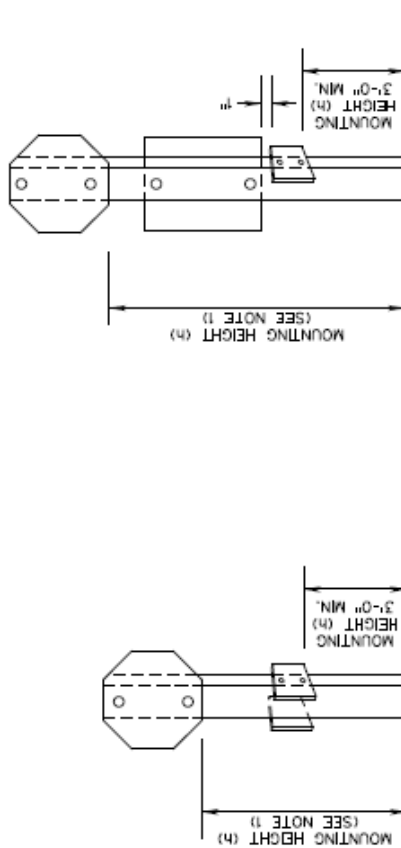


SPD-1									
SIGN PANEL DIMENSIONS				SIGN PANEL DIMENSIONS				SIGN PANEL DIMENSIONS	
W	H	C *	d *	W	H	C *	d *	W	H
12'	4'	14"	20"	26'	10'	18"	3'-6"	30'	14'
11'	5'	16"	28"	28'	10'	18"	3'-6"	16'	16'
10'	6'	12"	4'-0"	30'	10'	18"	3'-6"	18'	16'
12'	6'	12"	4'-0"	10'	9'	18"	3'-0"	20'	16'
14'	6'	12"	4'-0"	12'	9'	18"	3'-0"	22'	16'
16'	6'	12"	4'-0"	14'	9'	18"	3'-0"	24'	16'
18'	6'	12"	4'-0"	16'	9'	18"	3'-0"	26'	16'
20'	6'	12"	4'-0"	18'	9'	18"	3'-0"	28'	16'
22'	6'	12"	4'-0"	20'	9'	18"	3'-0"	30'	16'
24'	6'	12"	4'-0"	22'	9'	18"	3'-0"	VARIES	2'-6"
26'	6'	12"	4'-0"	24'	9'	18"	3'-0"	9"	12"
28'	6'	12"	4'-0"	26'	9'	18"	3'-0"		
30'	6'	12"	4'-0"	28'	9'	18"	3'-0"		
10'	8'	12"	3'-0"	30'	9'	18"	3'-0"		
12'	8'	12"	3'-0"	12'	12'	18"	3'-0"		
14'	8'	12"	3'-0"	14'	12'	18"	3'-0"		
16'	8'	12"	3'-0"	16'	12'	18"	3'-0"		
18'	8'	12"	3'-0"	18'	12'	18"	3'-0"		
20'	8'	12"	3'-0"	20'	12'	21"	4'-3"		
22'	8'	12"	3'-0"	22'	12'	21"	4'-3"		
24'	8'	12"	3'-0"	24'	12'	21"	4'-3"		
26'	8'	12"	3'-0"	26'	12'	21"	4'-3"		
28'	8'	12"	3'-0"	28'	12'	21"	4'-3"		
30'	8'	12"	3'-0"	30'	12'	21"	4'-3"		
10'	10'	18"	3'-6"	14'	14'	18"	3'-8"		
12'	10'	18"	3'-6"	16'	14'	18"	3'-8"		
14'	10'	18"	3'-6"	18'	14'	18"	3'-8"		
16'	10'	18"	3'-6"	20'	14'	18"	3'-8"		
18'	10'	18"	3'-6"	22'	14'	18"	3'-8"		
20'	10'	18"	3'-6"	24'	14'	18"	3'-8"		
22'	10'	18"	3'-6"	26'	14'	18"	3'-8"		
24'	10'	18"	3'-6"	28'	14'	18"	3'-8"		

ZEE BAR

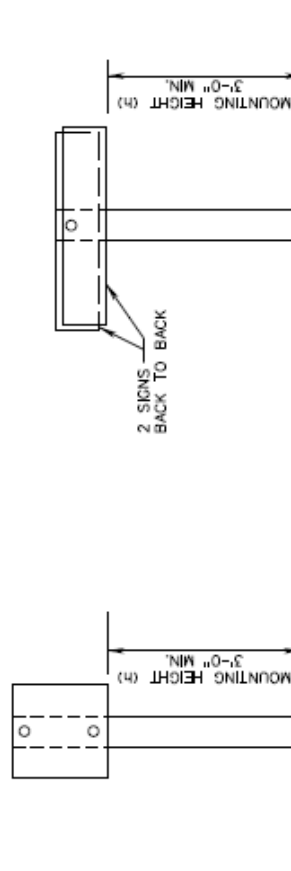
\* DIMENSIONS "c" AND "d" ARE MEASURED TO CENTER OF RIVET OR CARRIAGE BOLT

ISD-1



ONE WAY SIGN  
ON EXIT RAMP  
WITH STOP SIGN

STOP OR YIELD SIGN AND  
DO NOT ENTER SIGN  
(AT EXIT RAMP ONLY)



WRONG WAY SIGN/  
DO NOT ENTER SIGN  
(AT EXIT RAMP ONLY)

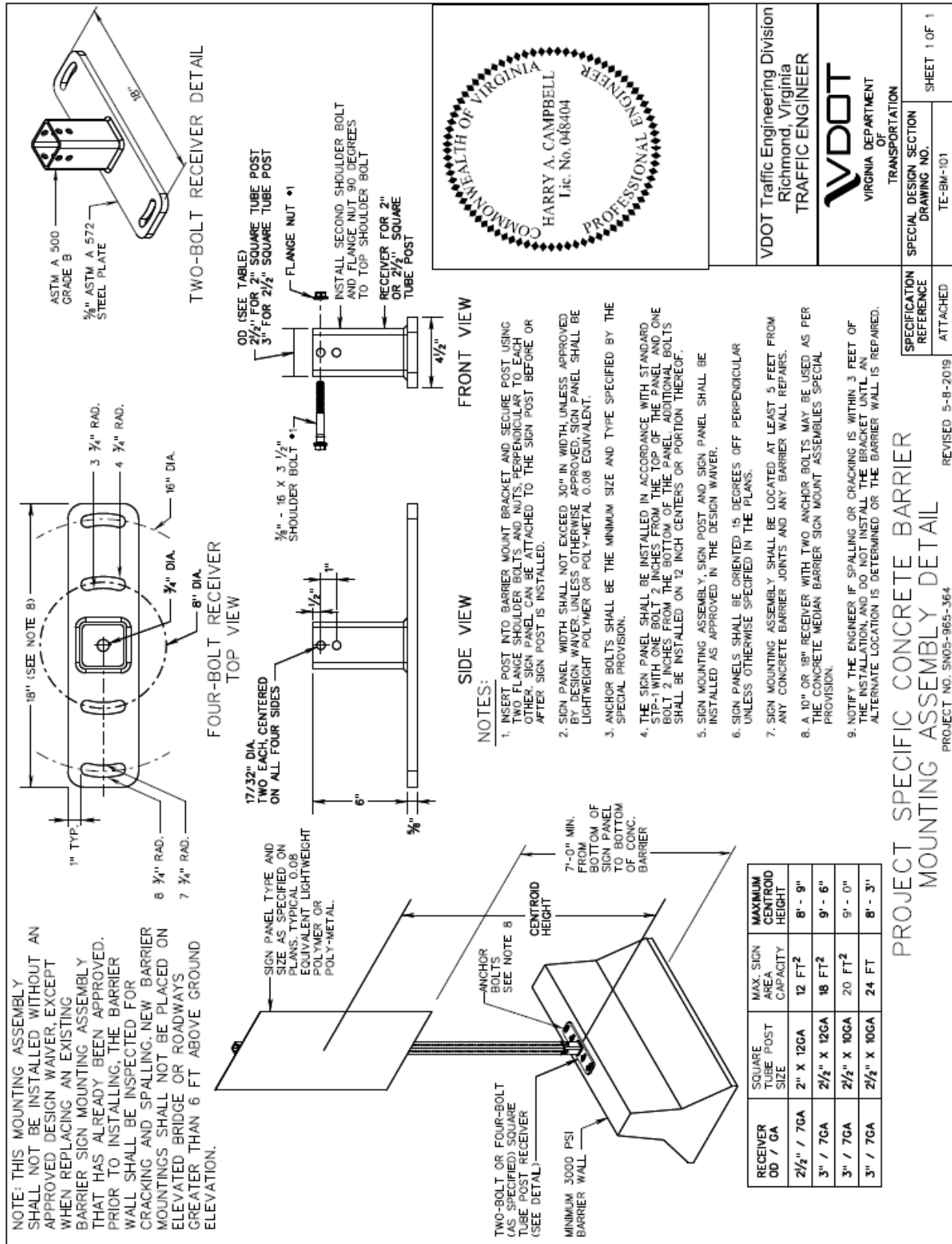
ONE WAY SIGN  
ON EXIT RAMP

**NOTES:**

1. MOUNTING HEIGHT (h) SHALL BE IN ACCORDANCE WITH STP-1 SHEET 1 OF 12 EXCEPT AS NOTED ON THIS SHEET.
2. MOUNTING HEIGHTS (h) ARE MEASURED FROM BOTTOM OF SIGN PANEL TO ROADWAY ELEVATION AT EDGE OF TRAVELWAY OR TOP OF CURB.

A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE.

VDOT		INTERCHANGE EXIT RAMP SIGNING DETAILS		SPECIFICATION REFERENCE
ROAD AND BRIDGE STANDARDS				
SHEET 1 OF 1	REVISION DATE	MOUNTING HEIGHTS OF SIGN INSTALLATIONS		
1329.10	NEW 08/17			
		VIRGINIA DEPARTMENT OF TRANSPORTATION		
		700		



COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION

**TASK ORDER**  
**for Regional On Call Sign Contract**  
**Construction Authorization Request**

UPC No.: 115756 FHWA No.: 13121 Task Order No.: SN 1

State Project No.: 0013-965-350, N501 Category: New

Task Order Value: \$TBD

The Task Order is referenced to REGIONAL CONTRACT UPC No.: 114881

CONTRACT ID No. : C0001148811N01

FHWA. No.: 43121 State Project No.: (NFO) SN05-965-364, N501

TOTAL OF OTHER TASK ORDERS IN CURRENT TERM/ YEAR (INCLUDING THIS TASK ORDER): \$ TBD

**NOTE:** If additional space is needed, use an additional sheet(s) and label as Supplemental Attachment #.

**I. LOCATION AND DESCRIPTION OF PROPOSED WORK:**

Upgrade signs as shown in the Rte. 13 Safety study and TE recommendations, Loc's 3-6, 15, 17-20 & 25

**II. FUNDING SOURCE/CHARGE** Maintenance Funds

**III. ATTACH ESTIMATE OF PROPOSED WORK:** See "*Task Order # SN 1 Assembly*"

**IV. ATTACH PLAN DETAIL OR SCHEDULE:** See "*Task Order # SN 1 Assembly*"

This work will be performed at the unit prices set forth in the Regional Contract and that such work shall be performed in accordance with the contract provisions and specifications in the Regional Contract and the plans or schedule herein. The quantities set forth herein will be subject to adjustment.

Completion deadline: Work must be complete on or before **TBD**.

Liquidated Damages, representing the cost of administration, engineering, supervision, inspection, and other expenses will be charged against the Contractor for each calendar day beyond the fixed time/days that the Task Order remains in an incomplete state. The Liquidated damages for this task will be \$350.00 per calendar day as calculated based on Table I-1.

This work is assigned to:

Contractor \_\_\_\_\_  
(Firm's Name) (Officer of the Firm)

**APPROVED BY: VDOT PROJECT MANAGER**

**Mark S. Winslow**

**PRINTED NAME**

**SIGNATURE**

**TITLE**

**DATE**



**COMMONWEALTH of VIRGINIA**  
**DEPARTMENT OF TRANSPORTATION**  
**EASTERN REGIONAL ON CALL SIGN CONTRACT**  
**TASK ORDER # SN 1**

VDOT Traffic Engineering Suffolk, Virginia Traffic Engineer

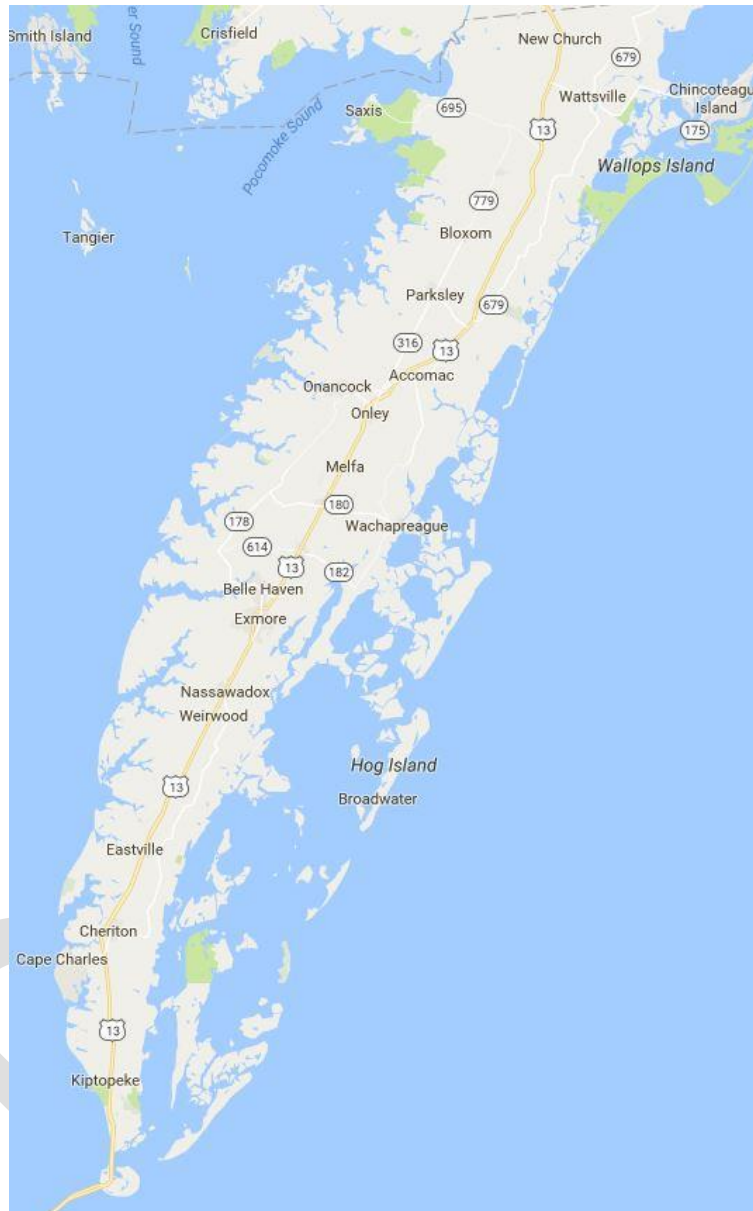
**Responsible for Pages**

VDOT Traffic Engineering Suffolk, Virginia Traffic Engineer

**Responsible for Pages**

**Project Description:** Upgrade signs as shown in the Rte. 13 Safety study and Traffic Engineering recommendations  
**From:** VARIOUS  
**To:** VARIOUS  
**Project UPC No.:** 115756

**Location Map**  
**PROJECT UPC # 115756**



Work may be assigned within the Cities and Counties of the Hampton Roads District maintained by the Virginia Department of Transportation.

Routes	County/City
13	Northampton Co.
13	Accomack County

**Contract UPC #114881  
Task Order UPC # 115756  
Task # SN 1  
Temporary Traffic Control Plans**

General

**General Notes**

- All temporary traffic control work and devices shall be in accordance with Section 512 of the 2007 Virginia Road and Bridge Specifications, 2011 Virginia Work Area Protection Manual, Revision 1 (WAPM) and as amended by contract provisions.
- It is not the intent of this temporary traffic control plan to enumerate every detail which must be considered in the construction of this project, but only to show the general handling of traffic.

Lane Closure Restrictions

- The following restrictions will apply, except in cases where the Engineer determines they are not in the best interest of the Department and/or the traveling public.
- Traffic shall be maintained in accordance with the following typical applications from the 2011 Virginia WAPM, Revision 1:
  - TTC-1.1 – Work Beyond the Shoulder Operation
  - TTC-3.1 – Mobile or Short Duration Shoulder Operation
  - TTC-4.1 – Stationary Operation on a Shoulder
  - TTC-5.1 – Shoulder Operation with Minor Encroachment
  - TTC-15.1 – Short Duration Operation on a Multi-Lane Roadway
  - TTC-16.1 – Outside Lane Closure Operation on a Four Lane Roadway
- All travel lanes in both directions shall be open to traffic at the end of each workday.
- Restrictions to traffic shall be removed by 5:00 am the day before a holiday(s) and shall not be restricted again until 8:00 pm the day after the holiday(s). When a holiday falls on Monday, restrictions shall be removed by 5:00 am the preceding Friday. When a holiday falls on a Friday, restrictions shall not be placed until 8:00 pm the following Monday.
- The Contractor shall not conduct operations when the weather causes unsafe conditions for the traveling public as determined by the Engineer.
- It is the intent to minimize the impact to the traveling public. Lane closures or restrictions over segments of the project, in which no work is anticipated within a reasonable time frame, as determined by the Engineer, shall not be permitted.
- Traffic shall be maintained in accordance with the following allowable lane closure hours:

**Route 13 NB - Chesapeake Bay Bridge-Tunnel through Maryland State Line**

From	To	Segment	# of Existing Lanes (ML/CD)	# of Lanes Closed	Allowable Lane Closure Hours Summer (April 15-October 15)				Allowable Lane Closure Hours Non-Summer (October 16-April 14)			
					Monday - Thursday	Friday	Saturday	Sunday	Monday - Thursday	Friday	Saturday	Sunday
Chesapeake Bay Bridge-Tunnel	Maryland State Line	1	2 ML	1	All Hours	12A - 12P	None	8P - 12A	All Hours	12A - 8P	None	8P - 12A

**Route 13 SB - Maryland State Line through Chesapeake Bay Bridge Tunnel**

From	To	Segment	# of Existing Lanes (ML/CD)	# of Lanes Closed	Allowable Lane Closure Hours Summer (April 15-October 15)				Allowable Lane Closure Hours Non-Summer (October 16-April 14)			
					Monday - Thursday	Friday	Saturday	Sunday	Monday - Thursday	Friday	Saturday	Sunday
Maryland State Line	Chesapeake Bay Bridge-Tunnel	1	2 ML	1	All Hours	12A - 12P	None	8P - 12A	All Hours	12A - 8P	None	8P - 12A



**Route 175** – Lane closures (one-lane, two-way condition) are allowed between 8pm Sunday and 3 pm Friday. Restrictions to traffic should be removed at least 12 hours before all scheduled launches at NASA's Wallops Island Facility, and traffic should not be restricted again until at least 12 hours after the launch.

**Minimum Lane Width**

- For roadways with existing lane widths less than 11', existing lane widths can be maintained, except when the existing width is less than 9 feet. In no case shall a lane width be less than 9 feet. If a minimum lane width of 9 feet cannot be maintained, the road shall be closed to thru traffic in accordance with TTC-48.1 of the 2011 Virginia WAPM, Revision 1.

**Access Requirements**

- The Contractor shall provide and maintain safe and adequate access to all intersecting roadways and driveways at all times to the satisfaction of the Engineer. All cost for providing and maintaining access shall be included in the price bid for other items in the contract and no additional compensation will be allowed.

**Law Enforcement Officers**

- The Engineer shall determine whether or not the use of law enforcement officers is needed during this temporary traffic control work.
- The Contractor shall not be responsible for any coordination or payment for any use of law enforcement officers.

**Contractor will need to coordinate with:**

- **Christopher S. Isdell, Accomack Residency Administrator for days that construction may be restricted due to Accomack or Northampton County events.**



### **SCOPE OF WORK**

This project consists of installing/upgrading ground mounted signs on Route 13 in Northampton and Accomack Counties per the Route 13 Safety Study and Traffic Engineering recommendations.

### **GENERAL NOTES**

All Work performed under this contract shall conform to the conditions of the permits and regulatory approvals and be in accordance with the Section 107.02 of the Road and Bridge Specifications.

See Sign Template Attachment for Sketches of Sign Placement per Location.

See the Contract Document for the following:

- Public Communications Plan
- Transportation Operation Plan

### **Underground Utilities**

VDOT is not a member of Ms. Utility. In addition to contacting Ms. Utility per specifications, the contractor will be responsible to notify various VDOT representatives to have VDOT underground property marked.

When requesting services for the first time, please contact Loren Reid or Steven Pearson; they are considered the Eastern Region "Gate Keepers" for VDOT utility locates. Their contact information is as follows:

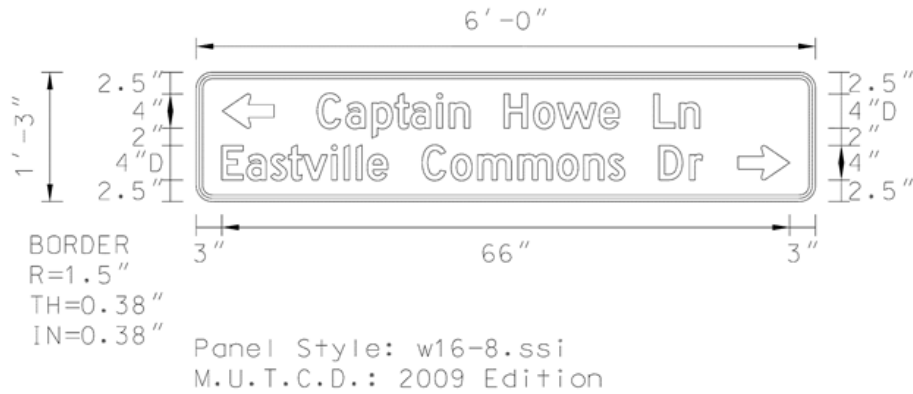
- Loren Reid ([loren.reid@vdot.virginia.gov](mailto:loren.reid@vdot.virginia.gov)),
- Steve Pearson ([Steven.Pearson@VDOT.Virginia.gov](mailto:Steven.Pearson@VDOT.Virginia.gov))

They will provide detailed instructions on obtaining utility markings for VDOT underground property.

### Work Codes

CODE	DESCRIPTION OF WORK REQUIRED
<b>A</b>	REMOVE & DISPOSE OF GROUND MOUNTED SIGN PANEL(S); REPLACE WITH NEW SIGN PANEL(S).
<b>B</b>	REMOVE & DISPOSE OF EXISTING GROUND MOUNTED SIGN STRUCTURE AND SIGN PANEL(S); INSTALL NEW GROUND MOUNTED SIGN STRUCTURE AND SIGN PANEL(S).
<b>C</b>	GROUND MOUNTED SIGN STRUCTURE AND SIGN PANEL(S) MISSING; INSTALL NEW GROUND MOUNTED SIGN STRUCTURE AND SIGN PANEL(S).
<b>D</b>	INSTALL NEW GROUND MOUNTED SIGN STRUCTURE AND SIGN PANEL(S).
<b>E</b>	REMOVE EXISTING CONC. FOUNDATION GRD. MNT. STR.
<b>F</b>	REMOVE & DISPOSE OF GROUND MOUNTED SIGN STRUCTURE; NO REPLACEMENT REQUIRED.
<b>G</b>	OVERLAY EXISTING SIGN PANEL(S) WITH NEW SIGN PANEL(S).
<b>H</b>	REMOVE & DISPOSE OF GROUND MOUNTED STRUCTURE. RELOCATE EXISTING SIGN PANEL(S) TO NEW GROUND MOUNTED STRUCTURE.
<b>I</b>	REMOVE & DISPOSE OF SIGN PANEL(S) FROM LIGHT POLE. INSTALL NEW GROUND MOUNTED SIGN STRUCTURE AND SIGN PANEL(S).
<b>J</b>	GROUND MOUNTED SIGN PANEL(S) MISSING. INSTALL NEW SIGN PANEL(S) TO EXISITING SIGN STRUCTURE.
<b>K</b>	INSTALL NEW SIGN PANEL(S) TO EXISTING SIGNAL POLE UPRIGHT.
<b>L</b>	RELOCATE EXISTING SIGN PANEL(S) TO NEW GROUND MOUNTED STRUCTURE.
<b>M</b>	REMOVE & DISPOSE OF EXISTING OVERHEAD SIGN PANEL(S). INSTALL NEW OVERHEAD SIGN PANEL(S).
<b>N</b>	REMOVE & DISPOSE OF EXISTING OVERHEAD SIGN PANEL(S). NO REPLACEMENT REQUIRED.
<b>O</b>	REMOVE & DISPOSE OF EXISTING OVERHEAD SIGN STRUCTURE & SIGN PANEL(S). NO REPLACEMENT REQUIRED.
<b>P</b>	INSTALL NEW SIGN PANEL TO EXISTING GROUND MOUNT SIGN STRUCTURE.
<b>Q</b>	REMOVE AND DISPOSE OF GROUND MOUNTED SIGN PANEL(S); NO REPLACEMENT REQUIRED.

### Sign Design #1



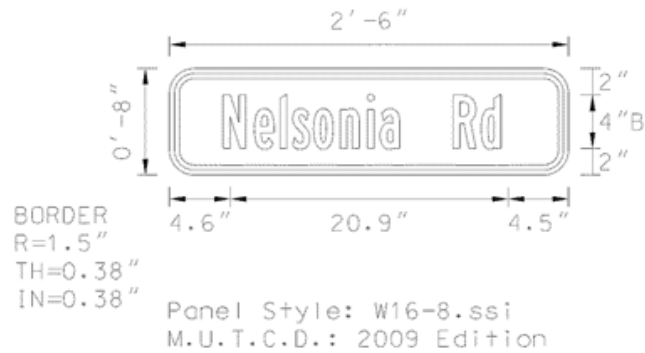
### Sign Design #2



### Sign Design #3



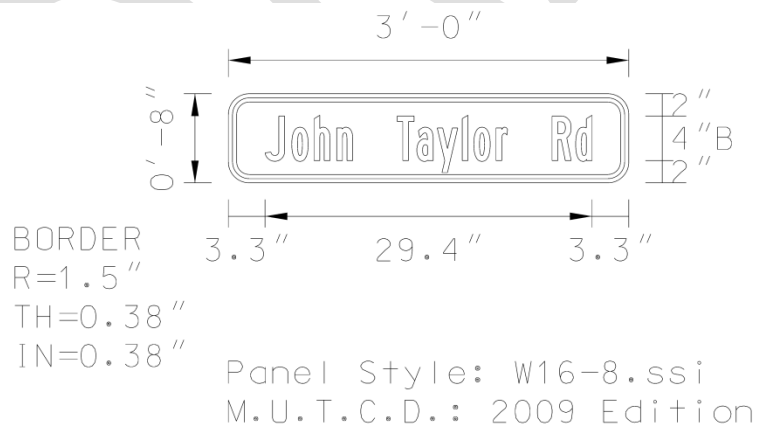
**Sign Design #4**



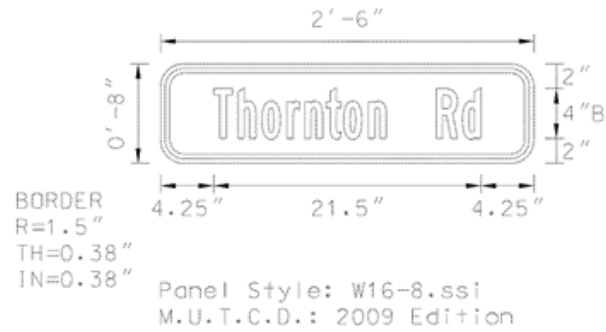
**Sign Design #5**



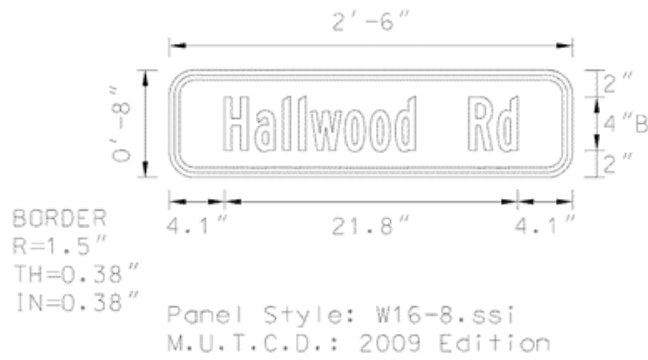
**Sign Design #6**



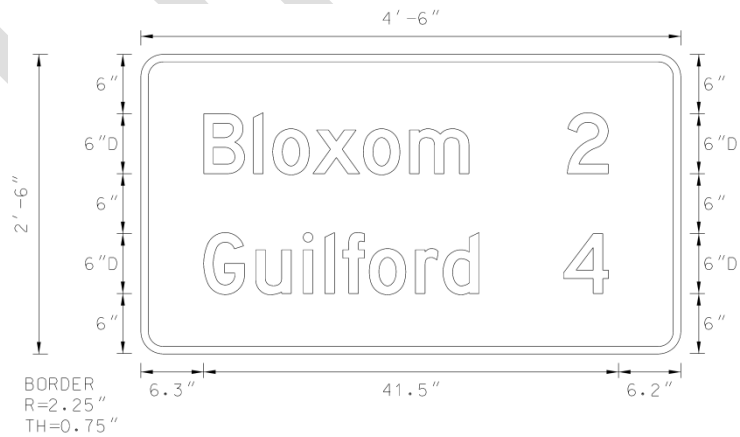
**Sign Design #7**



**Sign Design #8**

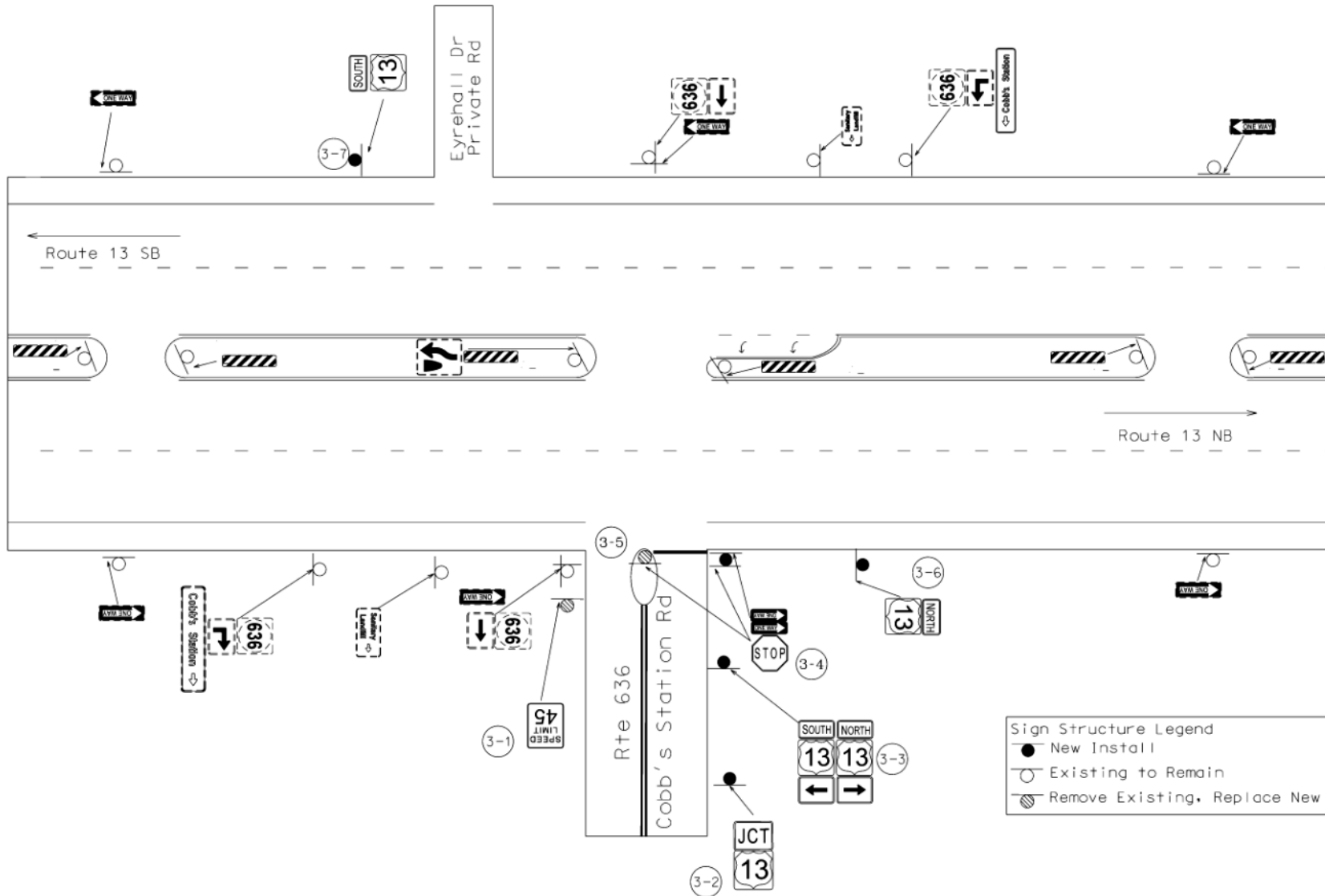


**Sign Design #9**

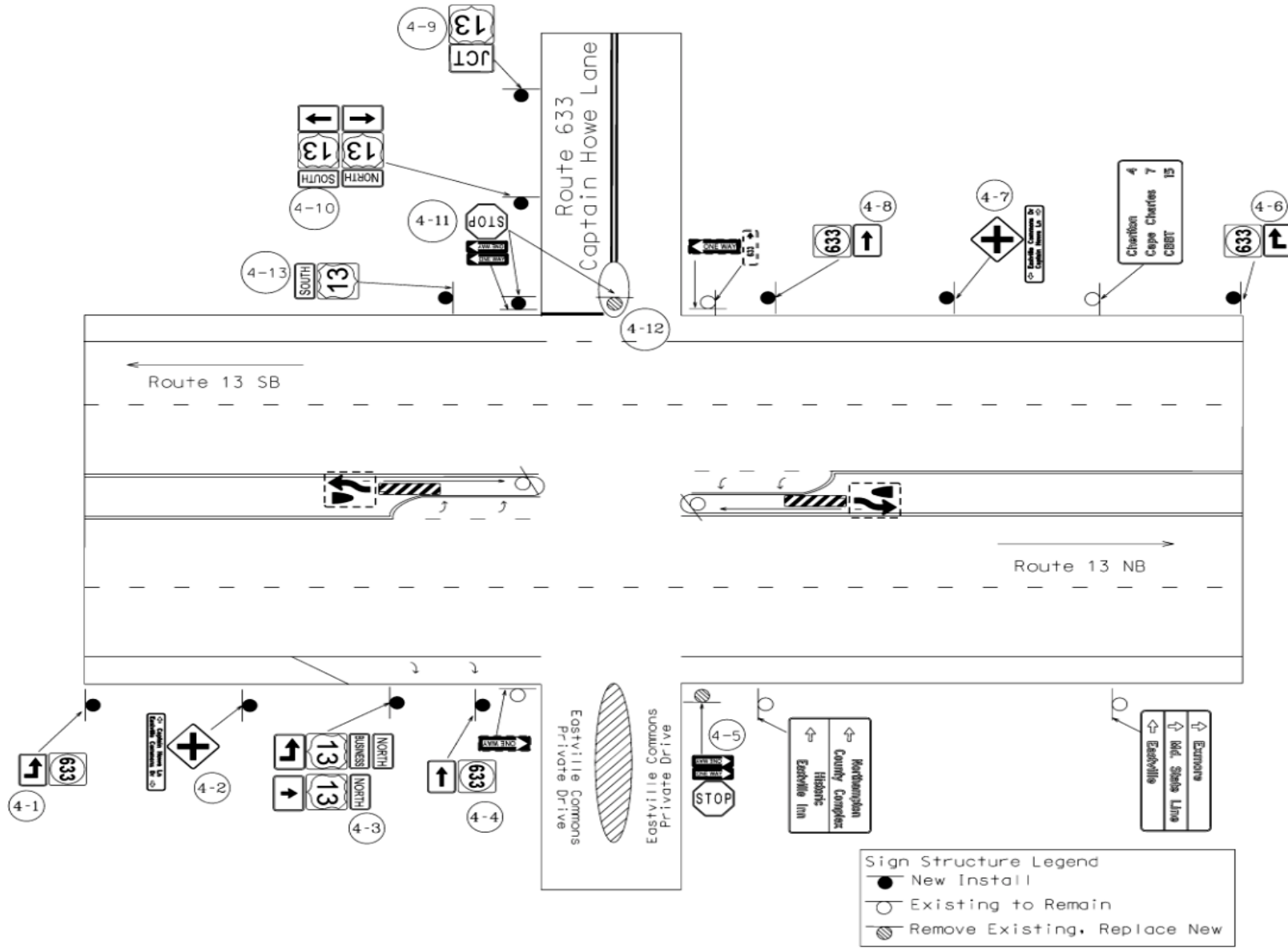




# Location #3 - Section 6.4.4 (MP 82.40)

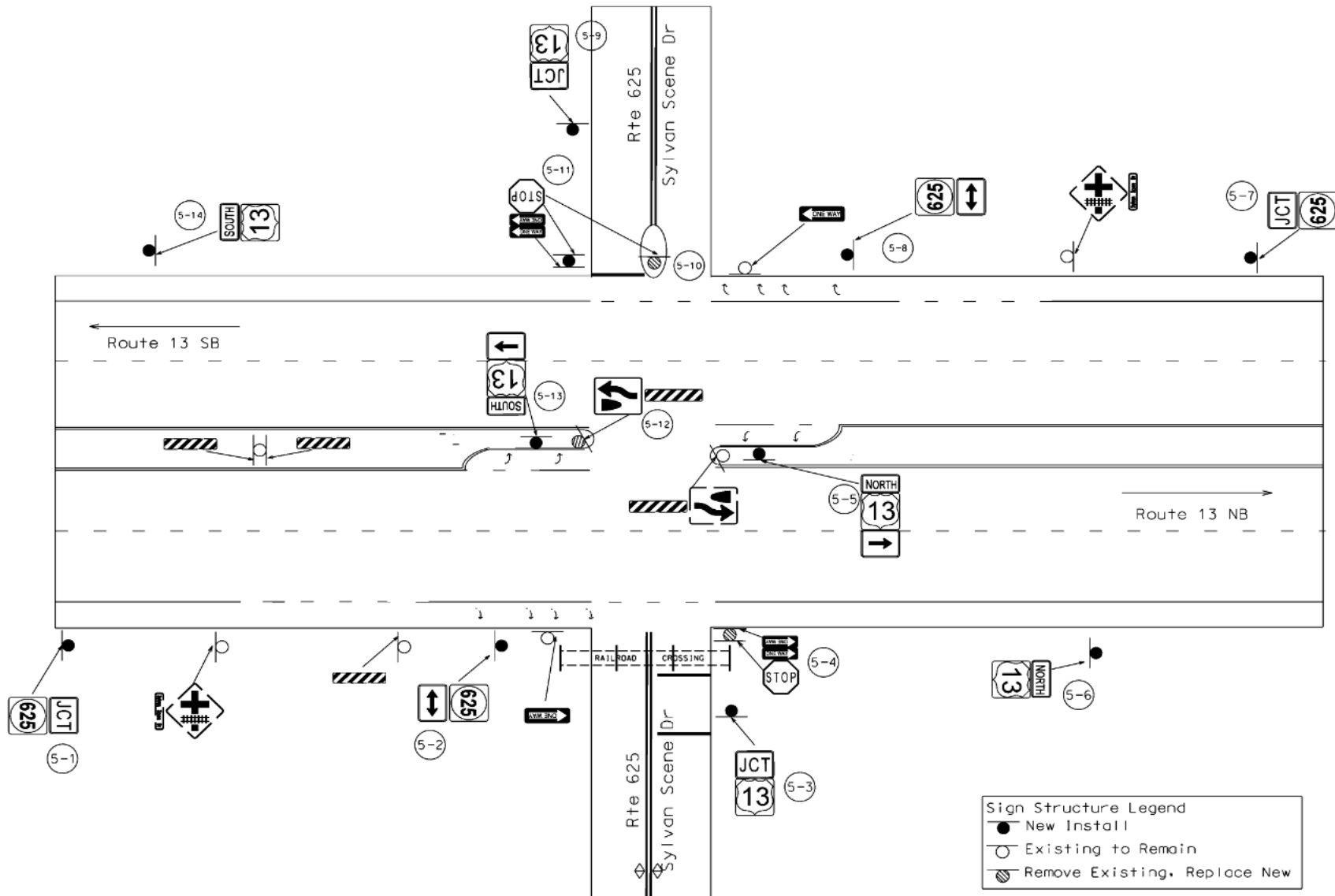


# Location #4 - 6.5 (MP 84.14)

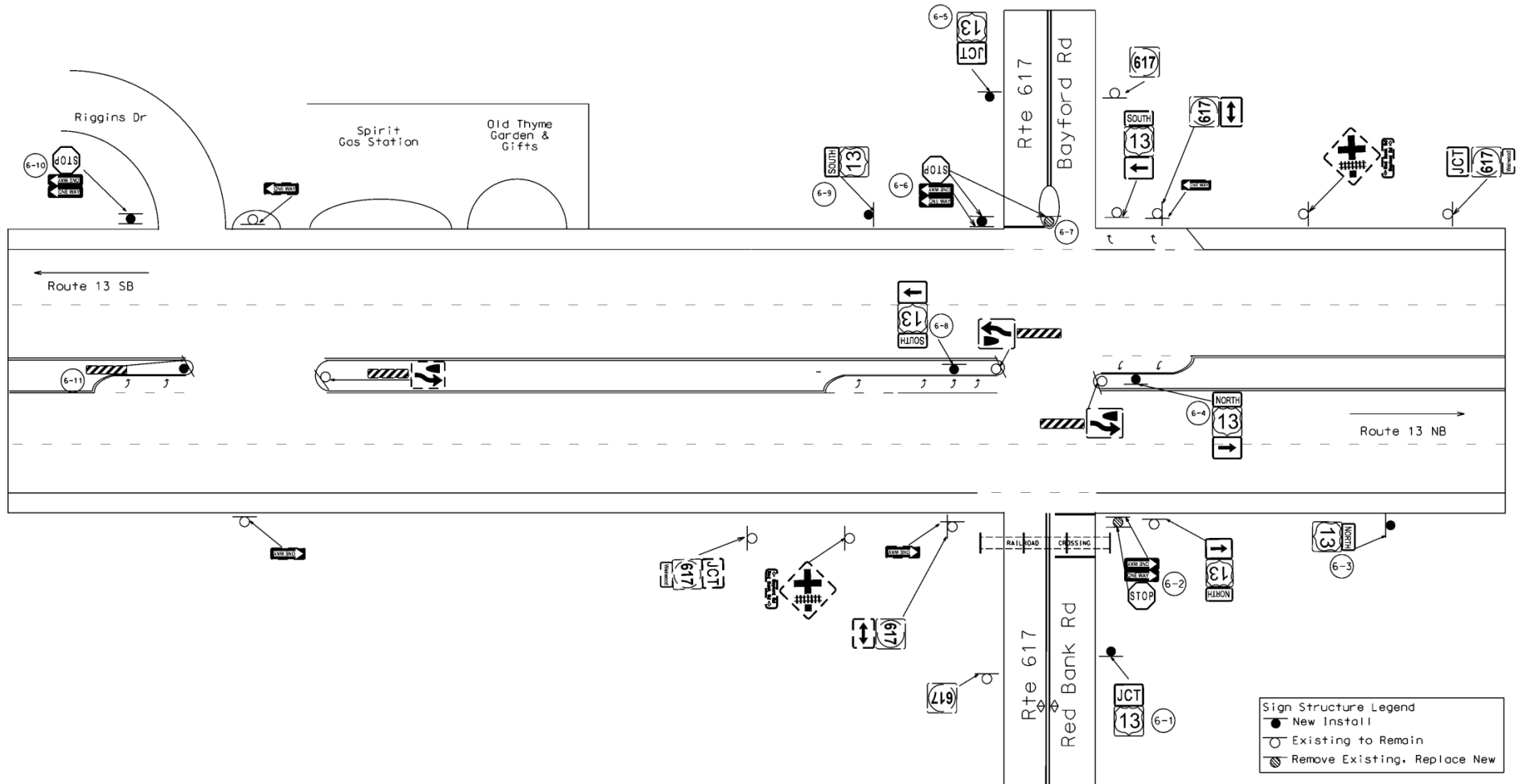




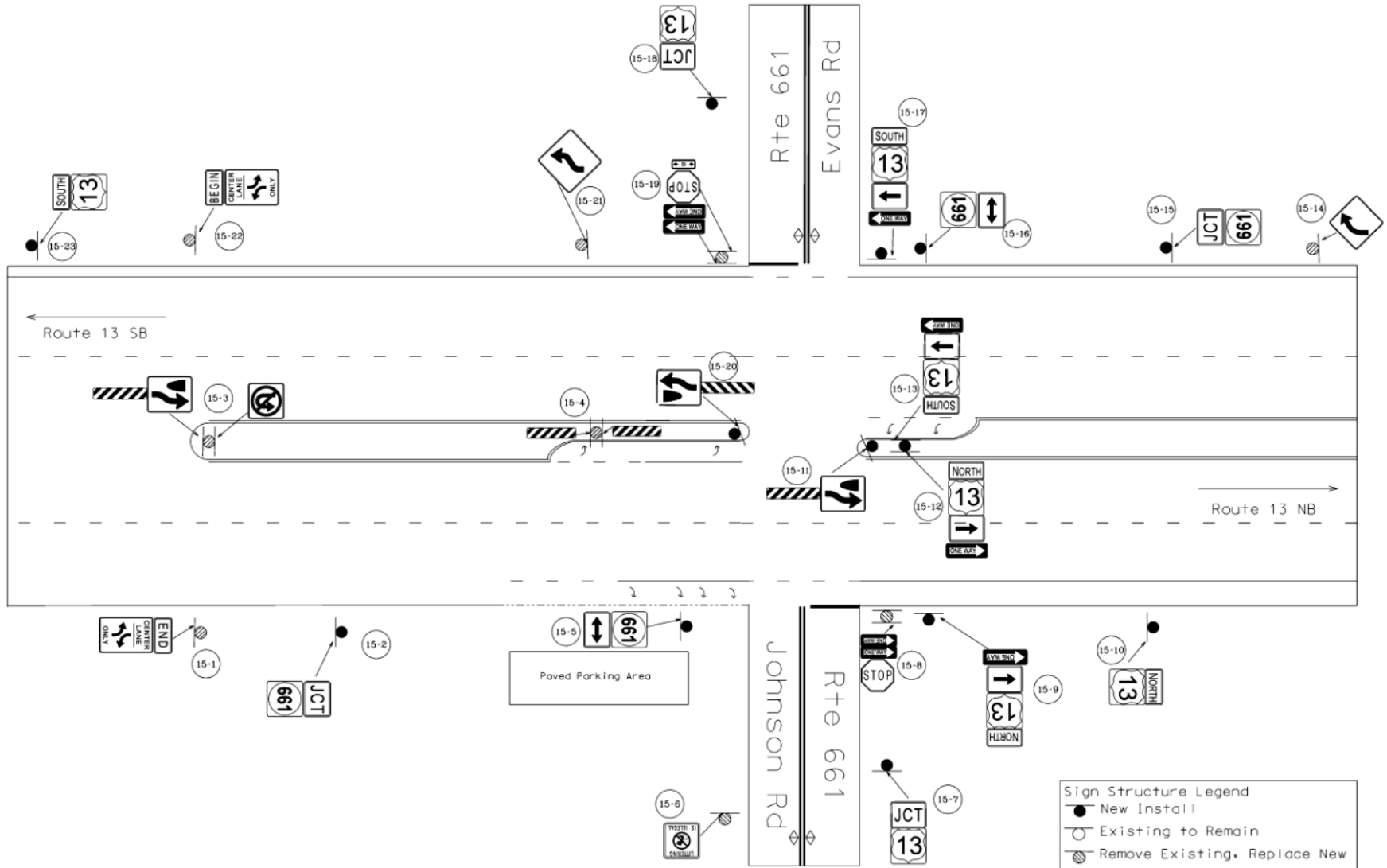
# Location #5 - 6.6 (MP 90.50 - 90.99)



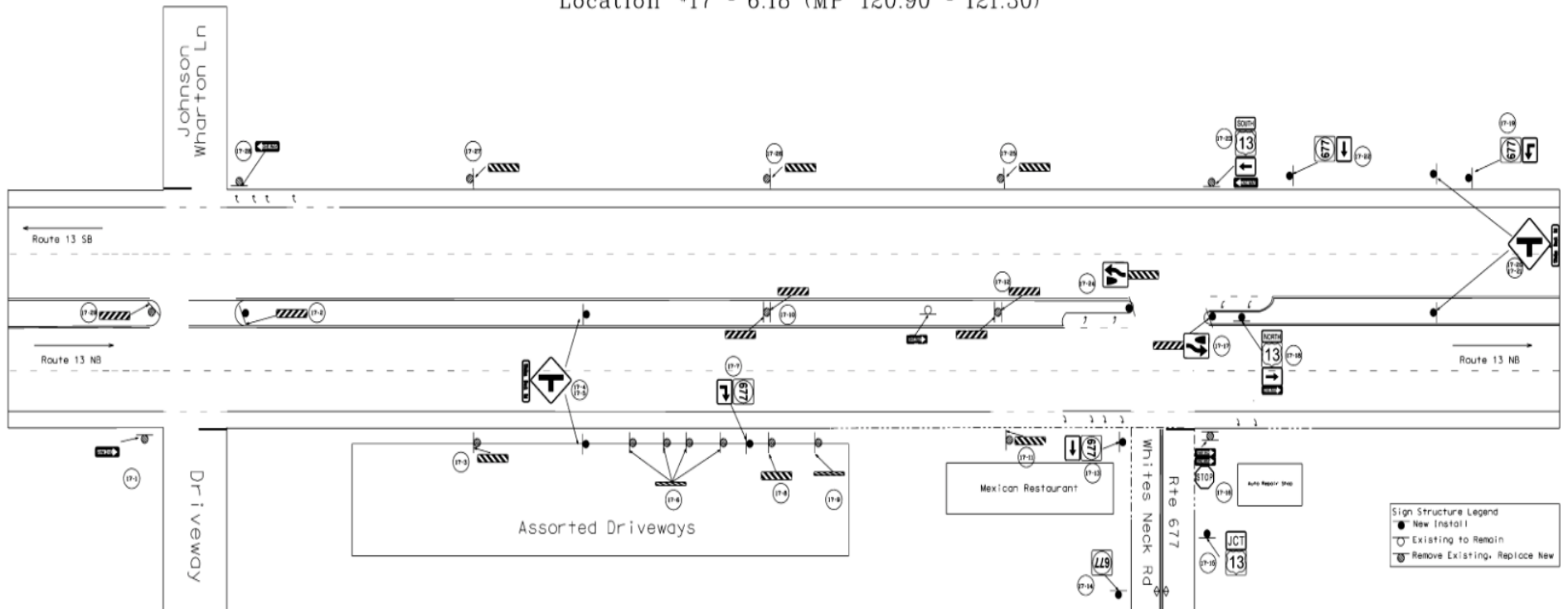
Location #6 - 6.7 (MP 93.28 - 94.04)



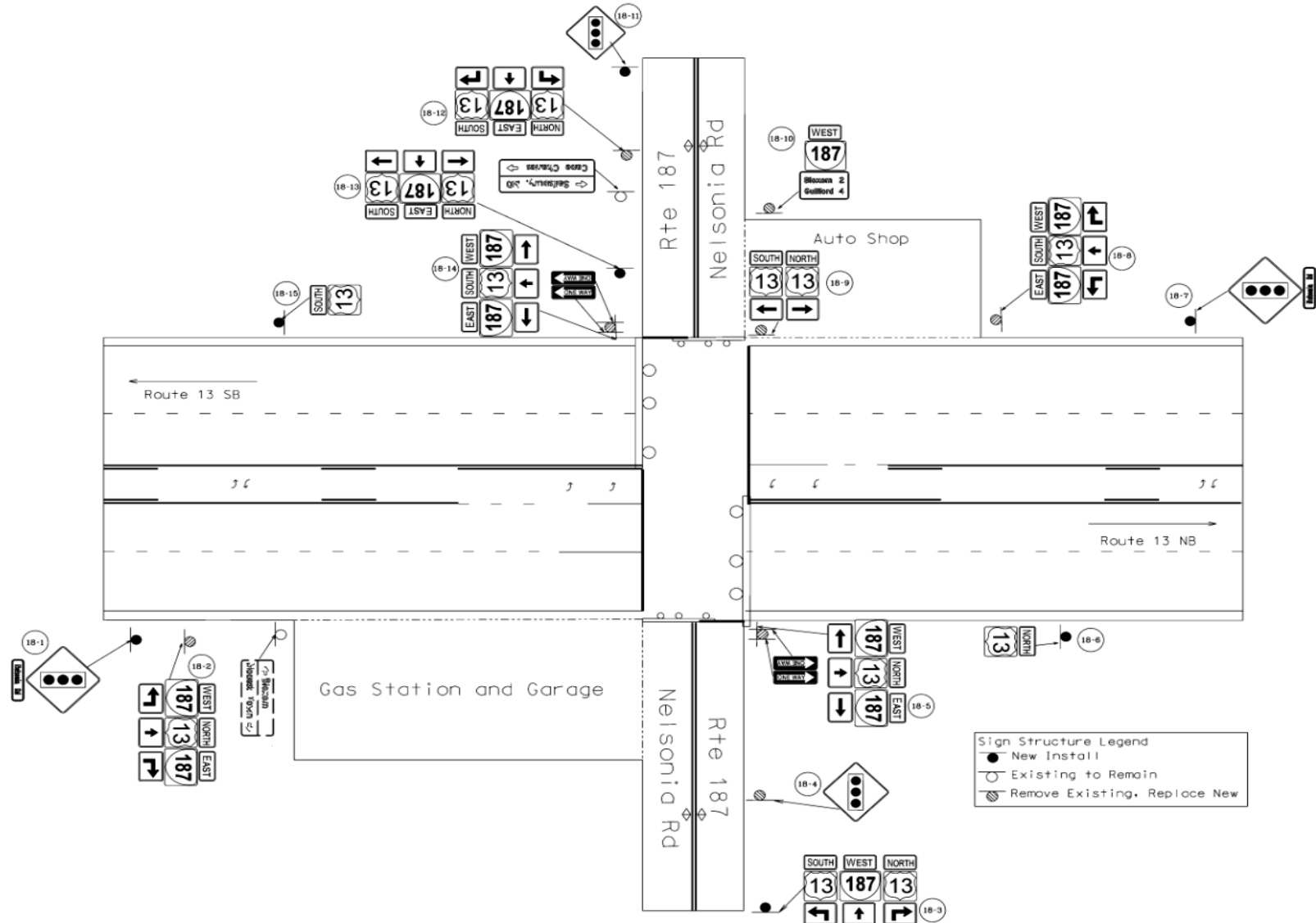
# Location #15 - 6.16 (MP 118.83)



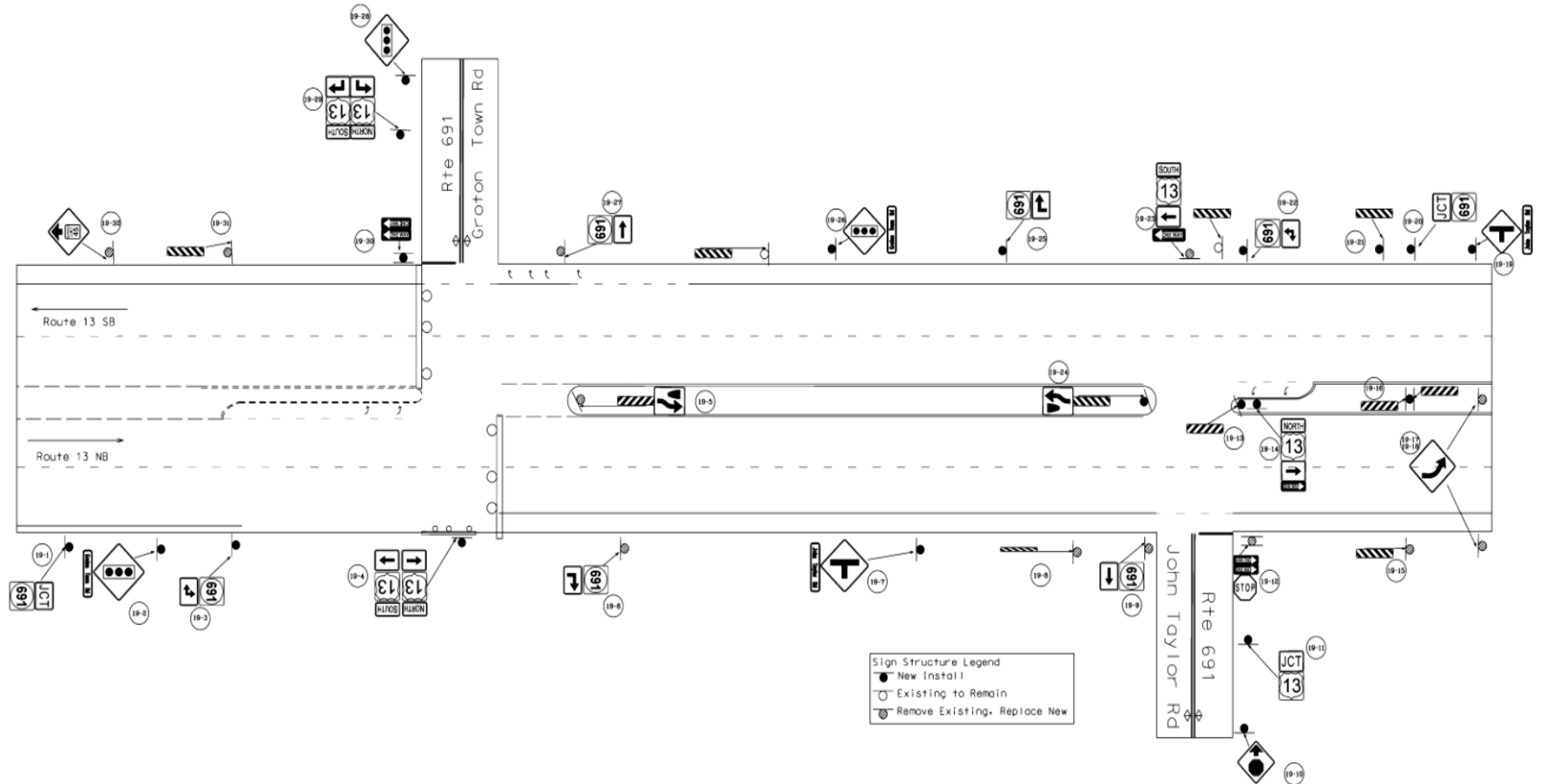
Location #17 - 6.18 (MP 120.90 - 121.30)



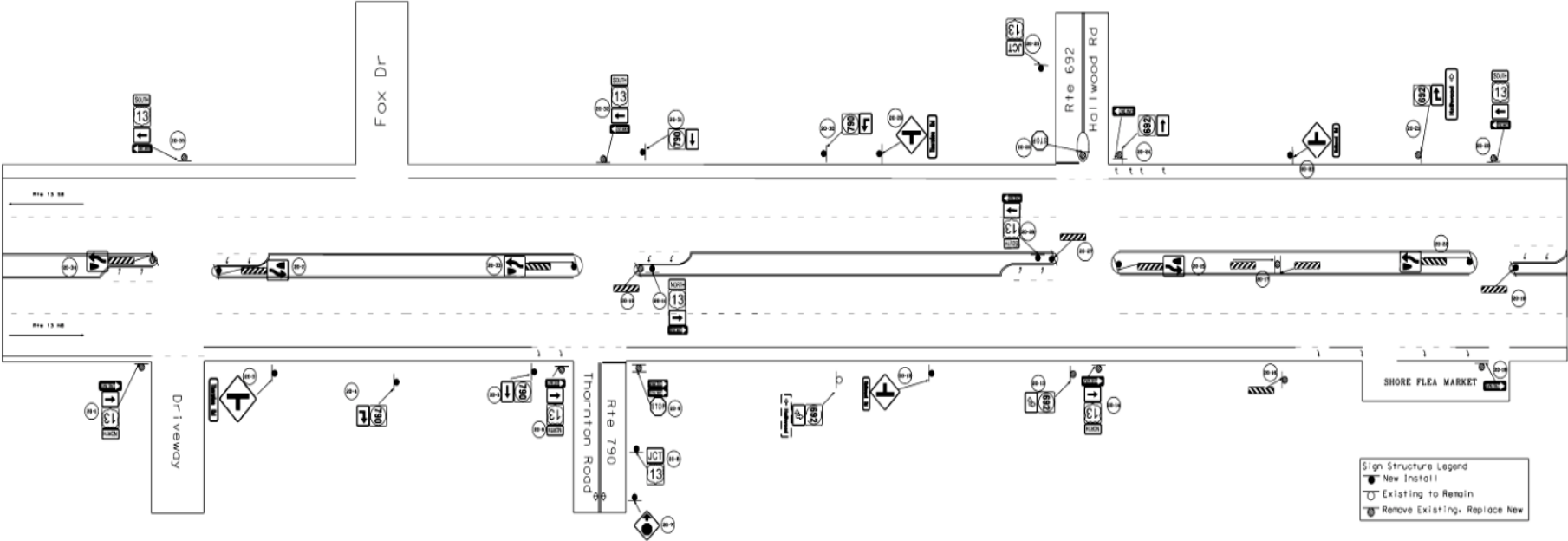
Location #18 - 6.19 (MP 124.23)



Location #19 - 6.20 (MP 126.74 - 127.33)



Location #20 - 6.21 (MP 128.23 - 128.37)







**SUMMARY OF QUANTITIES TASK #SN-1**

ROUTE	COUNTY	LOCATION NUMBER	GROUND MT SIGN PANEL	ROAD EDGE DELINEATOR, ED-2	REMOVE - DISPOSE SIGN STR. TY. WP-1	TRAFFIC SIGN SIGN POST, UPS-1, 2 LB/LF	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 1/2" - 12 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 3/16" - 10 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2" - 14 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 1/2" - 10 GA.	CONC. FOUN. SQUARE TUBE POST FOUNDATION TYPE A	CONC. FOUN. SQUARE TUBE POST FOUNDATION TYPE B	NS REM & DIS SIGN TY. SP-1 FROM GRD. MNT. STR.	REMOVE & DIS SIGN STR. TY. URS	REMOVE & DIS SIGN STR. TY. STP-1
			50901	50012	51930	50900	50436	50432	50430	50434	50485	50486	51931	51930	51930
			S.F.	EA	EA	L.F.	L.F.	L.F.	L.F.	L.F.	EA	EA	EA	EA	EA
636	Northampton	3-1	5		1				12		1				
636	Northampton	3-2	6.19				12				1				
636	Northampton	3-3	16.38					6		12		1			
636	Northampton	3-4	12.25		1		12				1				
636	Northampton	3-5	6.25				12				1				
13	Northampton	3-6	6				12				1				
13	Northampton	3-7	6				12				1				
13	Northampton	4-1	6.19				12				1				
13	Northampton	4-2	16.5					6		12		1			
13	Northampton	4-3	18.38					6		12		1			
13	Northampton	4-4	6.19				12				1				
13	Northampton	4-5	12.25				12				1				1
13	Northampton	4-6	6.19				12				1				
13	Northampton	4-7	16.5					6		12		1			
13	Northampton	4-8	6.19				12				1				
633	Northampton	4-9	6.19				12				1				
633	Northampton	4-10	16.38					6		12		1			
633	Northampton	4-11	12.25				12				1				
633	Northampton	4-12	6.25		1		12				1				
13	Northampton	4-13	6				12				1				
13	Northampton	5-1	6.19				12				1				
13	Northampton	5-2	6.19				12				1				
625	Northampton	5-3	6.19				12				1				
625	Northampton	5-4	12.25		1		12				1				

ROUTE	COUNTY	LOCATION NUMBER	GROUND MT SIGN PANEL	ROAD EDGE DELINEATOR, ED-2	REMOVE - DISPOSE SIGN STR. TY. WP-1	TRAFFIC SIGN SIGN POST, UPS-1, 2 LB/LF	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 1/2" - 12 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 3/16" - 10 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2" - 14 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 1/2" - 10 GA.	CONC. FOUND. SQUARE TUBE POST FOUNDATION TYPE A	CONC. FOUND. SQUARE TUBE POST FOUNDATION TYPE B	NS REM & DIS SIGN TY. SP-1 FROM GRD. MNT. STR.	REMOVE & DIS SIGN STR. TY. URS	REMOVE & DIS SIGN STR. TY. STP-1
			50901	50012	51930	50900	50436	50432	50430	50434	50485	50486	51931	51930	51930
			S.F.	EA	EA	L.F.	L.F.	L.F.	L.F.	L.F.	EA	EA	EA	EA	EA
13	Northampton	5-5	8.19				12				1				
13	Northampton	5-6	6				12				1				
13	Northampton	5-7	6.19				12				1				
13	Northampton	5-8	6.19				12				1				
625	Northampton	5-9	6.19				12				1				
625	Northampton	5-10	6.25		1		12				1				
625	Northampton	5-11	12.25				12				1				
13	Northampton	5-12	8		1		12				1			1	
13	Northampton	5-13	8.19				12				1				
13	Northampton	5-14	6				12				1				
617	Northampton	6-1	6.19				12				1				
617	Northampton	6-2	12.25		1		12				1				
13	Northampton	6-3	6				12				1				
13	Northampton	6-4	8.19				12				1				
617	Northampton	6-5	6.19				12				1				
617	Northampton	6-6	12.25				12				1				
13	Northampton	6-7	6.25		1		12				1				
13	Northampton	6-8	8.19				12				1				
13	Northampton	6-9	6				12				1				
13	Northampton	6-10	12.25				12				1				
13	Northampton	6-11	3			12									
13	Accomack	15-1	8		1		12				1				
13	Accomack	15-2	6.19				12				1				
13	Accomack	15-3	14.25		1		12				1				
13	Accomack	15-4	6			24								1	

ROUTE	COUNTY	LOCATION NUMBER	GROUND MT SIGN PANEL	ROAD EDGE DELINEATOR, ED-2	REMOVE - DISPOSE SIGN STR. TY. WP-1	TRAFFIC SIGN SIGN POST, UPS-1,2 LB/LF	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 1/2" - 12 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 3/16" - 10 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2" - 14 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 1/2" - 10 GA.	CONC. FOUN. SQUARE TUBE POST FOUNDATION TYPE A	CONC. FOUN. SQUARE TUBE POST FOUNDATION TYPE B	NS REM & DIS SIGN TY. SP-1 FROM GRD. MNT. STR.	REMOVE & DIS SIGN STR. TY. URS	REMOVE & DIS SIGN STR. TY. STP-1
			50901	50012	51930	50900	50436	50432	50430	50434	50485	50486	51931	51930	51930
			S.F.	EA	EA	L.F.	L.F.	L.F.	L.F.	L.F.	EA	EA	EA	EA	EA
13	Accomack	15-5	6.19				12				1				
661	Accomack	15-6	6.25		1		12				1				
13	Accomack	15-7	6.19				12				1				
661	Accomack	15-8	12.25		1		12				1				
13	Accomack	15-9	11.19					6		14		1			
13	Accomack	15-10	6				12				1				
13	Accomack	15-11	8				12				1				
13	Accomack	15-12	11.19					6		14		1			
13	Accomack	15-13	11.19												
13	Accomack	15-14	9		1		12				1				
13	Accomack	15-15	6.19				12				1			1	
13	Accomack	15-16	6.19				12				1				
13	Accomack	15-17	11.19					6		14		1			
661	Accomack	15-18	6.19				12				1				
661	Accomack	15-19	13.75		1					12		1			
13	Accomack	15-20	8				12				1				
13	Accomack	15-21	9		1		12				1				
13	Accomack	15-22	8		1		12				1				
13	Accomack	15-23	6				12				1				
13	Accomack	17-1	3		1				12		1				
13	Accomack	17-2	3			12									
13	Accomack	17-3	3			12								1	
13	Accomack	17-4	10.98					6		12		1			
13	Accomack	17-5	10.98					6		12		1			
13	Accomack	17-6	8	4										4	

ROUTE	COUNTY	LOCATION NUMBER	GROUND MT SIGN PANEL	ROAD EDGE DELINEATOR, ED-2	REMOVE - DISPOSE SIGN STR. TY. WP-1	TRAFFIC SIGN SIGN POST, UPS-1,2 LB/LF	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 1/2" - 12 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 3/16" - 10 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2" - 14 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 1/2" - 10 GA.	CONC. FOUND. SQUARE TUBE POST FOUNDATION TYPE A	CONC. FOUND. SQUARE TUBE POST FOUNDATION TYPE B	NS REM & DIS SIGN TY. SP-1 FROM GRD. MNT. STR.	REMOVE & DIS SIGN STR. TY. URS	REMOVE & DIS SIGN STR. TY. STP-1
			50901	50012	51930	50900	50436	50432	50430	50434	50485	50486	51931	51930	51930
			S.F.	EA	EA	L.F.	L.F.	L.F.	L.F.	L.F.	EA	EA	EA	EA	EA
13	Accomack	17-7	6.19				12				1				
13	Accomack	17-8	3			12								1	
13	Accomack	17-9	2	1										1	
13	Accomack	17-10	6			12								1	
13	Accomack	17-11	3			12								1	
13	Accomack	17-12	6			12								1	
13	Accomack	17-13	6.19				12				1				
677	Accomack	17-14	4					12			1				
677	Accomack	17-15	6.19				12				1				
677	Accomack	17-16	12.25		1		12				1				
13	Accomack	17-17	8				12				1				
13	Accomack	17-18	11.19					6		14		1			
13	Accomack	17-19	6.19				12				1				
13	Accomack	17-20	10.98					6		12		1			
13	Accomack	17-21	10.98					6		12		1			
13	Accomack	17-22	6.19				12				1				
13	Accomack	17-23	11.19		1			6		14		1			
13	Accomack	17-24	8				12				1				
13	Accomack	17-25	3			12								1	
13	Accomack	17-26	3			12								1	
13	Accomack	17-27	3			12								1	
13	Accomack	17-28	3		1				12		1				
13	Accomack	17-29	3			12								1	
13	Accomack	18-1	10.65					6		12		1			
13	Accomack	18-2	25.57		1			12		24		2			

ROUTE	COUNTY	LOCATION NUMBER	GROUND MT SIGN PANEL	ROAD EDGE DELINEATOR, ED-2	REMOVE - DISPOSE SIGN STR. TY. WP-1	TRAFFIC SIGN SIGN POST, UPS-1,2 LB/LF	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 1/2" - 12 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 3/16" - 10 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2" - 14 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 1/2" - 10 GA.	CONC. FOUND. SQUARE TUBE POST FOUNDATION TYPE A	CONC. FOUND. SQUARE TUBE POST FOUNDATION TYPE B	NS REM & DIS SIGN TY. SP-1 FROM GRD. MNT. STR.	REMOVE & DIS SIGN STR. TY. URS	REMOVE & DIS SIGN STR. TY. STP-1
			50901	50012	51930	50900	50436	50432	50430	50434	50485	50486	51931	51930	51930
			S.F.	EA	EA	L.F.	L.F.	L.F.	L.F.	L.F.	EA	EA	EA	EA	EA
187	Accomack	18-3	25.57					12		24		2			
187	Accomack	18-4	9		1		12				1				
13	Accomack	18-5	32.57		1			12		28		2			
13	Accomack	18-6	6				12				1				
13	Accomack	18-7	10.65					6		12		1			
13	Accomack	18-8	26.57		1			12		24		2			
13	Accomack	18-9	16.38										6		
187	Accomack	18-10	18.25										3		
187	Accomack	18-11	9				12				1				
187	Accomack	18-12	25.57		1			12		24		2			
187	Accomack	18-13	25.57					12		24		2			
13	Accomack	18-14	32.57		1			12		28		2			
13	Accomack	18-15	6				12				1				
13	Accomack	19-1	6.19				12				1				
13	Accomack	19-2	10.98					6		12		1			
13	Accomack	19-3	6.19				12				1				
13	Accomack	19-4	16.38					6		12		1			
13	Accomack	19-5	8				12				1				1
13	Accomack	19-6	6.19		1		12				1				
13	Accomack	19-7	10.98					6		12		1			
13	Accomack	19-8	2	1										1	
13	Accomack	19-9	6.19		1		12				1				
691	Accomack	19-10	9				12				1				
691	Accomack	19-11	6.19				12				1				
691	Accomack	19-12	12.25		1		12				1				

ROUTE	COUNTY	LOCATION NUMBER	GROUND MT SIGN PANEL	ROAD EDGE DELINEATOR, ED-2	REMOVE - DISPOSE SIGN STR. TY. WP-1	TRAFFIC SIGN SIGN POST, UPS-1,2 LB/LF	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 1/2" - 12 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 3/16" - 10 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2" - 14 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 1/2" - 10 GA.	CONC. FOUND. SQUARE TUBE POST FOUNDATION TYPE A	CONC. FOUND. SQUARE TUBE POST FOUNDATION TYPE B	NS REM & DIS SIGN TY. SP-1 FROM GRD. MNT. STR.	REMOVE & DIS SIGN STR. TY. URS	REMOVE & DIS SIGN STR. TY. STP-1
			50901	50012	51930	50900	50436	50432	50430	50434	50485	50486	51931	51930	51930
			S.F.	EA	EA	L.F.	L.F.	L.F.	L.F.	L.F.	EA	EA	EA	EA	EA
13	Accomack	19-13	3			12									
13	Accomack	19-14	11.19					6		14		1			
13	Accomack	19-15	3			12								1	
13	Accomack	19-16	6			12									
13	Accomack	19-17	9		1		12				1				
13	Accomack	19-18	9		1		12				1				
13	Accomack	19-19	10.98					6		12		1			
13	Accomack	19-20	6.19				12				1				
13	Accomack	19-21	3			12								1	
13	Accomack	19-22	6.19		1		12				1				
13	Accomack	19-23	11.19					6		14		1			
13	Accomack	19-24	8				12				1				
13	Accomack	19-25	6.19				12				1				
13	Accomack	19-26	10.98					6		12		1			
13	Accomack	19-27	6.19		1		12				1				
691	Accomack	19-28	9				12				1				
691	Accomack	19-29	16.38					6		12		1			
13	Accomack	19-30	6						12		1				
691	Accomack	19-31	3			12								1	
13	Accomack	19-32	9		1		12				1				
13	Accomack	20-1	11.19		1			6		14		1			
13	Accomack	20-2	8				12				1				
13	Accomack	20-3	10.65					6		12		1			
13	Accomack	20-4	6.19				12				1				
13	Accomack	20-5	6.19				12				1				

ROUTE	COUNTY	LOCATION NUMBER	GROUND MT SIGN PANEL	ROAD EDGE DELINEATOR, ED-2	REMOVE - DISPOSE SIGN STR. TY. WP-1	TRAFFIC SIGN SIGN POST, UPS-1,2 LB/LF	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 1/2" - 12 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 3/16" - 10 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2" - 14 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 1/2" - 10 GA.	CONC. FOUND. SQUARE TUBE POST FOUNDATION TYPE A	CONC. FOUND. SQUARE TUBE POST FOUNDATION TYPE B	NS REM & DIS SIGN TY. SP-1 FROM GRD. MNT. STR.	REMOVE & DIS SIGN STR. TY. URS	REMOVE & DIS SIGN STR. TY. STP-1
			50901	50012	51930	50900	50436	50432	50430	50434	50485	50486	51931	51930	51930
			S.F.	EA	EA	L.F.	L.F.	L.F.	L.F.	L.F.	EA	EA	EA	EA	EA
13	Accomack	20-6	11.19		1			6		14		1			
790	Accomack	20-7	9				12				1				
790	Accomack	20-8	6.19				12				1				
790	Accomack	20-9	12.25		1		12				1				
13	Accomack	20-10	3			12								1	
13	Accomack	20-11	11.19					6		14		1			
13	Accomack	20-12	10.65					6		12		1			
13	Accomack	20-13	6.19				12				1				
13	Accomack	20-14	11.19		1			6		14		1			
13	Accomack	20-15	8				12				1				
13	Accomack	20-16	3			12								1	
13	Accomack	20-17	6			12								1	
13	Accomack	20-18	3		1				12		1				
13	Accomack	20-19	3			12									
13	Accomack	20-20	11.19					6		14		1			
13	Accomack	20-21	13.69		1			6		12		1			
13	Accomack	20-22	8				12				1				
13	Accomack	20-23	10.65					6		12		1			
13	Accomack	20-24	9.19		1		12				1				
692	Accomack	20-25	6.19				12				1				
692	Accomack	20-26	6.25		1		12				1				
13	Accomack	20-27	3			12									
13	Accomack	20-28	11.19					6		14		1			
13	Accomack	20-29	10.65					6		12		1			
13	Accomack	20-30	6.19				12				1				

ROUTE	COUNTY	LOCATION NUMBER	GROUND MT SIGN PANEL	ROAD EDGE DELINEATOR, ED-2	REMOVE - DISPOSE SIGN STR. TY. WP-1	TRAFFIC SIGN SIGN POST, UPS-1,2 LB/LF	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 1/2" - 12 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 3/16" - 10 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2" - 14 GA.	TRAFFIC SIGN SQUARE TUBE STEEL POST, 2 1/2" - 10 GA.	CONC. FOUND. SQUARE TUBE POST FOUNDATION TYPE A	CONC. FOUND. SQUARE TUBE POST FOUNDATION TYPE B	NS REM & DIS SIGN TY. SP-1 FROM GRD. MNT. STR.	REMOVE & DIS SIGN STR. TY. URS	REMOVE & DIS SIGN STR. TY. STP-1
			50901	50012	51930	50900	50436	50432	50430	50434	50485	50486	51931	51930	51930
			S.F.	EA	EA	L.F.	L.F.	L.F.	L.F.	L.F.	EA	EA	EA	EA	EA
13	Accomack	20-31	6.19		1		12				1				
13	Accomack	20-32	11.19					6		14		1			
13	Accomack	20-33	8				12				1				
13	Accomack	20-34	8		1		12				1				
13	Accomack	20-35	11.19		1			6		14		1			
13	Accomack	25-1	12		1			6		14		1			
13	Accomack	25-2	3		1				12		1				
TOTALS			1598.23	6	47	276	1200	312	84	676	107	53	9	24	2