

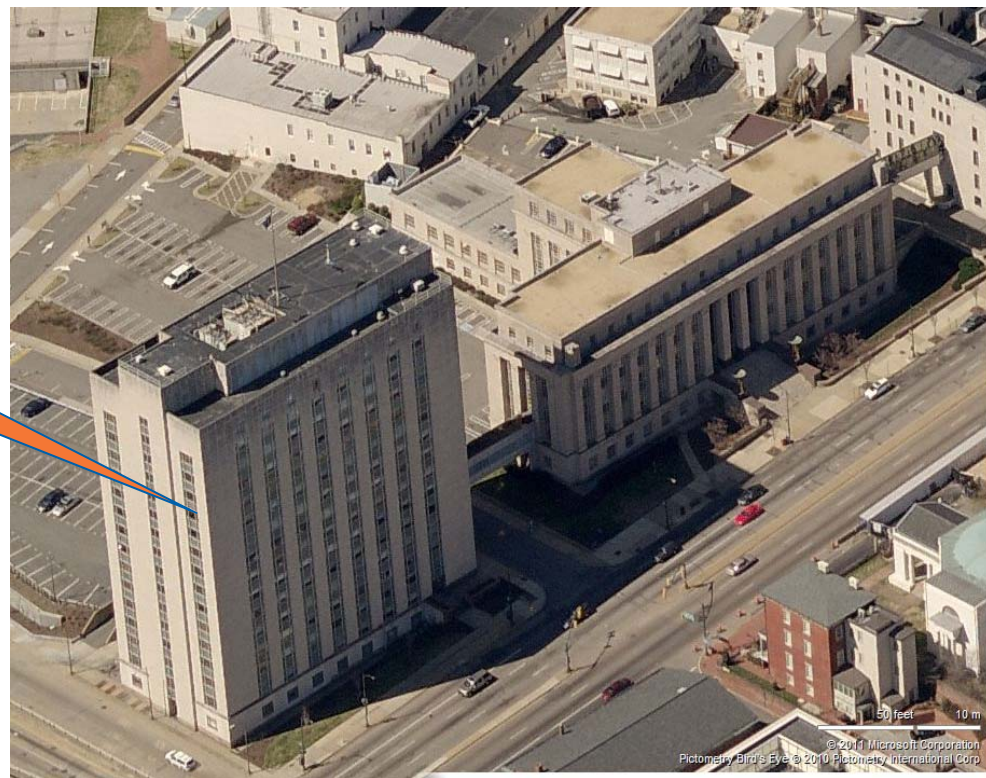


## Schedule & Contracts Division

April 2011

**Mark E. Cacamis, P.E., CCM**  
State Construction Engineer

12<sup>th</sup>  
Floor



Scheduling & Contracts (Construction) Division				
<i>Procurement</i>				
Construction Contracts	Professional Services Contracts (CEI)		Emergency Contracts	
<b><u>Finances</u></b>				
Federal, State, Local Funding	CEI Budgets, Modifications, Work Orders		Estimating-PCES, Transport	
<b><u>Contract Management/Administration</u></b>				
Finals-Closeout	Technical-Contractual Assistance		Claims	Construction Engineering & Inspection (CEI)
<b><u>Quality Management</u></b>				
Plan Review		Construction Quality Improvement Program-CQiP & CQiP <sup>360</sup>		
<b><u>Products &amp; Services</u></b>				
Specifications	Project Management	Value Engineering	Scheduling	Railroad

# 2011 Paving Season Lane Miles and Contract Values

<i>District</i>	<i>Lane Miles</i>	<i>Contracts Values</i>
<i>Bristol</i>	<i>311.5</i>	<i>\$36,205,808.27</i>
<i>Salem</i>	<i>1435.6</i>	<i>\$41,894,310.85</i>
<i>Lynchburg</i>	<i>1252.2</i>	<i>\$19,877,939.18</i>
<i>Richmond</i>	<i>970.8</i>	<i>\$57,478,682.64</i>
<i>Hampton Roads</i>	<i>880.0</i>	<i>\$36,507,652.73</i>
<i>Fredericksburg</i>	<i>1301.3</i>	<i>\$50,233,513.51</i>
<i>Culpeper</i>	<i>635.8</i>	<i>\$19,972,382.50</i>
<i>Staunton</i>	<i>1262.8</i>	<i>\$60,629,681.61</i>
<i>NOVA</i>	<i>722.3</i>	<i>\$77,757,167.78</i>
<b><i>TOTAL</i></b>	<b><i>8,772.30</i></b>	<b><i>\$400,557,139.07</i></b>

# Procurement-Construction Contracts

(VA Public Procurement Act § 2.2-4303, D.)

## **Award and Execution Phase**

**Commissioner's or Commonwealth Transportation Board Approval-Code of VA § 33.1-12**

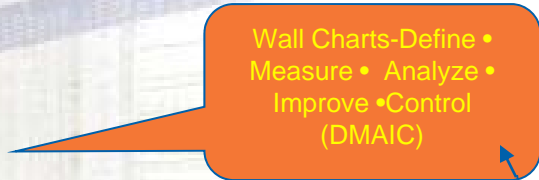
**Award → Execute → Notice to Proceed → Initialize Project → Districts**

**Jan. 26 & Feb. 2 Lettings-**

**176 Projects 300 % of previous maximum throughput**

**13 Pending Issue Resolution-Bonds, DBE other issues**

**163 Contracts Awarded and Executed in 60 Days (103.02 Award of Contract)**

An orange callout box with a white border and a blue arrow pointing to the right. It contains text about Wall Charts and DMAIC.

Wall Charts-Define •  
Measure • Analyze •  
Improve •Control  
(DMAIC)

# CONSTRUCTION PROJECTS-Dynamic Totals

## 4<sup>th</sup> Quarter FY2011

(Construction & Maintenance Funded)

CONSTRUCTION PHASE-  
CURRENT CONTRACTS (All  
Delivery Methods), ±\$

AWARD & EXECUTION  
PHASE-Jan. 26, Feb 2, Feb.  
23 LETTINGS, ±\$

LETTING PHASE (Mar. 23,  
April 26), ±\$

DISTRICT	PROJ	VALUE	PROJ	VALUE	PROJ	VALUE
*Bristol	47	\$ 157,304,980.00	17	\$ 56,406,688.00	5	\$ 7,037,271.00
Culpeper	20	\$ 22,532,271.00	17	\$ 24,450,459.00	2	\$ 2,930,835.00
*Fredericksburg	35	\$ 42,361,746.00	21	\$ 49,917,325.00	7	\$ 12,112,110.00
*Hampton Roads	47	\$ 160,843,340.00	14	\$ 37,414,125.00	11	\$ 39,952,200.00
*Lynchburg	35	\$ 31,286,705.00	21	\$ 22,986,571.00	0	
*Northern Virginia	35	\$ 203,939,954.00	24	\$153,404,630.00	9	\$ 42,297,421.00
Richmond	44	\$ 127,149,708.00	23	\$104,002,662.00	3	\$ 12,007,529.00
*Salem	57	\$ 155,850,568.00	27	\$ 41,578,928.00	6	\$ 6,828,524.00
*Staunton	40	\$ 122,588,042.00	35	\$ 51,204,462.00	4	\$ 3,400,839.00
Regional	6	\$ 25,285,766.00	0		0	
	366	\$ 1,049,143,080.00	199	\$541,365,850.00	47	\$ 126,566,729.00

**Grand Total: 612 Projects Valued at \$1,717,075, 659**

# Procurements

(VA Public Procurement Act § 2.2-4303, D.)

*TYPE*

*ADVERTISE*

*LETTING*

<i>Surface Treatment</i>	<i>October</i>	<i>November</i>
<i>Slurry Seal &amp; Latex Overlay</i>	<i>November</i>	<i>December</i>
<i>Plan Mix Schedules</i>	<i>December</i>	<i>January</i>

A nighttime photograph of a road construction site. The scene is illuminated by bright work lights, creating a high-contrast environment. In the foreground, a thick yellow line of paint is being applied to the dark asphalt. Further back, red and yellow reflective safety lines are visible. A yellow sign with the number "50" and a right-pointing arrow is positioned on the right side of the road. The background shows more construction equipment and lights, slightly out of focus.

*Type B Class VI  
PAVEMENT  
MARKINGS*

Shoulder Joint in  
Travel Lane





Bridge

Shoulder Joint in  
Travel Lane



## Type B Class VI Tape 2007 Road & Bridge Specifications

704.03 (d) **Plastic-backed preformed tape** shall be installed in accordance with the **manufacturer's recommendations** and as denoted herein. Tape may be applied to asphalt concrete and hydraulic cement concrete pavements. Tape may be installed immediately following the final rolling of the new asphalt concrete surface. Tape shall not be applied over existing pavement markings of other materials unless the existing marking is 90 percent removed. Primer/adhesive shall be used for all installations except when tape is applied immediately following the final rolling of the new asphalt concrete surface and shall be from the same manufacturer as the tape. Tape for pavement line markings shall be applied by an application cart as recommended by the manufacturer. Tape shall be tamped into place with a tamper cart with the weight as recommended by the manufacturer. The use of a vehicle to ride over the markings for tamping will not be permitted. [See Table VII-1]

# S704E01-0309-SPECIAL PROVISION FOR TYPE B, CLASS VI PAVEMENT LINE MARKING

November 21, 2008

## III. INSTALLATION

Surface preparation, use of solvents and primers, and equipment used in the application of the markings shall be in accordance with the manufacturer's recommendations. Marking configurations shall be in accordance with the 2003 edition of the "Manual on Uniform Traffic Control Devices". Unless otherwise indicated, markings installed on new asphalt concrete roadway surfaces shall be inlaid into the surface with the last pass of the asphalt roller (if allowed by tape manufacturer) or directly after the asphalt roller utilizing a separate roller for the tape whereby the marking becomes embedded within the pavement. Temperature requirements of the asphalt and the type of roller allowed shall be in accordance with the tape manufacturer's recommendations. *The Contractor shall ensure that inlaid markings are not degraded by the pavement operation.*

**S704I01-1210-SPECIAL PROVISION FOR  
SECTION 704—PAVEMENT MARKING AND  
MARKERS (Plant Mix)  
October 25, 2010**

**Permanent pavement markings are durable pavement markings that, when installed, provide final traffic guidance after all operations related to the project are complete in accordance with the provisions herein, Section 704 of the Specifications and as specified elsewhere in the Contract.**

**Permanent Pavement Markings: The type, class, installation procedures and time limits of permanent pavement markings shall be in accordance with the provisions specified herein and Section 704 of the Specifications.**

## Manufacturer's Recommendation

- Premark and apply tape as per instructions in IF 5.7, "Stamark™ Tapes Pavement Surface Preparation and Application Techniques."
- All normal requirements for overlay application as defined in the 3M Climate Guide, product bulletins and information folders for the product being used should be followed.
- DO NOT use surface preparation adhesive P-50 or SPA-60 on new asphalt less than four days old. Surface preparation adhesive may be used on asphalt surfaces four days old or older.
- Tamp with the RTC-2 tamper cart with 200 pound weight as for normal overlay application:
  - Do not twist or turn the tamper cart on the tape.
  - Make six passes (three passes back and forth) over each part of the tape.
  - Make sure all edges are firmly adhered.



# Davis Bacon Wage Rates

For conflicts, anomalies, reviews, changes: Contact the District's Civil Rights Manager

For wage classifications submit to the District's Civil Rights Manager the form entitled:

**U.S. DEPARTMENT OF  
TRANSPORTATION  
FEDERAL HIGHWAY  
ADMINISTRATION**

**ADDITIONAL CLASSIFICATION AND  
WAGE RATE REQUEST**

Found

[at: http://vdotforms.vdot.virginia.gov/SearchResults.aspx?searchText=&searchAll=True&searchAny=False](http://vdotforms.vdot.virginia.gov/SearchResults.aspx?searchText=&searchAll=True&searchAny=False)

Scroll to Item 151, Form C-51

# Questions ??

**Schedule & Contracts Division**

**April, 2011**

**Mark E. Cacamis, P.E., CCM**

**State Construction Engineer**