

#### **DEPARTMENT OF TRANSPORTATION**

CHARLES A. KILPATRICK, P.E.

4975 Alliance Drive Fairfax, VA 22030

September 29, 2016

# **MEMORANDUM**

TO:

**NOVA District Staff** 

FROM:

Hari Sripathi, P.E.

Regional Operations Director

SUBJECT:

Lane Closures in Nova District

As a follow up to the Lane Closures in Nova District memorandum dated April 27, 2012, enclosed are the updated guidelines for lane closures.

These updated guidelines will be effective immediately. All existing and previously approved projects are encouraged to review their respective contract documents and make adjustments if possible.

ATTACHMENT - VDOT Lane Closure Guidelines

# Lane Closure Guidelines

# -For Northern Virginia-



Virginia Department of Transportation Northern Region Operations

**September 21, 2016** 

#### Instruction

The purpose of this memorandum is to present guidelines for lane closure hours for construction, maintenance, permits, and special events in Northern Virginia.

The first version of the lane closure guidelines was issued in April 2012. In the past four years, there have been completed and on-going roadway construction projects in the NoVA District, such as I-495 and I-95 express lanes and the I-66 spot improvements. As these guidelines are applied and implemented, modifications and updates to these guidelines have become necessary. Same as the previous version, the modifications were made based on traffic volume; roadway characteristics; comments from staff; and considering the public tolerance for the lane closure during certain time periods of the day.

It should be noted that these guidelines must be used as a starting point for discussion at the project level. On large scale projects with robust community outreach and a Traffic Management Plan, these hours could be extended. If project staff would like to modify these hours for interstate or major arterials, they must work with NRO Traffic Operations staff for recommendations and obtain final approval from their functional Assistant District Administrator (ADA).

Please review the existing contracts and discuss the deviations from these hours with your functional ADA.

#### **Restriction of Operations:**

In addition to the allowable lane closure hours specified in the tables, the restrictions listed below shall be followed.

#### 1. Peak Hours Lane Closures

Any lane reductions (temporary or permanent) during the peak periods (Monday to Friday, 6:00AM to 9:00AM and 3:30PM to 6:30PM) on roads with an AADT above or equal to 10,000 vehicles requires consultation with the Regional Operations Director (ROD) and Public Affairs Manager.

# 2. Complete Roadway Closures

If there are complete road closures on any road for construction or maintenance work, the ROD and Public Affairs Manager must be consulted.

Complete Roadway Closures shall be limited to 20 to 30 minutes intermittent stoppage for some specific work activities.

If the closure duration is above 30 minutes, it shall be approved separately with full Maintenance of Traffic and Traffic Management Plans.

### 3. Construction in Residential Subdivisions

Road work within residential subdivisions and/or cul-de-sac streets should be conducted during daytime hours to avoid night time noise issues.

# 4. Express Lanes (I-95 & I-495)

All I-95 and I-495 Express Lane closures shall be coordinated with the Express Lanes Operations Center at least 5 business days in advance using their Authorization to Work form (available from the Express Lanes Operations Center at (571) 419-6046. Complete road closures on the I-95 Express Lanes and I-495 Express Lanes will be limited to 30 minutes or less

#### 5. Holiday

In addition to the Sunday or Holiday work limitations, mobile, short duration, short-term stationary or intermediate-term stationary temporary traffic control zone lane closures on mainline lanes, shoulders or ramps shall not be performed during the following Holiday time periods without the written permission of the Engineer. Additionally, long-term stationary temporary traffic control zones shall not be initially put in place, adjusted, or removed during the following Holiday time periods without the written permission of the Engineer (VDOT 2016 Standard Specifications, updated 7/2016):

- **January 1:** From Noon on the preceding day until Noon on the following day, except as indicated below.
- Martin Luther King, Jr. Day and Lee Jackson Day\*: From Noon on the preceding Thursday to Noon on the following Tuesday.
- Presidents Day\*: As indicated below.
- Easter\*: As indicated below.
- Memorial Day: As indicated below.
- **July 4:** From Noon on the preceding day until Noon on the following day, except as indicated below.
- Labor Day: As indicated below.
- Columbus Day\*: As indicated below.
- Veterans Day\*: From Noon on the preceding day until Noon on the following day, except as indicated below.
- **Thanksgiving Day:** From Noon on the Wednesday proceeding Thanksgiving Day until Noon on the Monday following Thanksgiving Day.
- Christmas Day: From Noon on the preceding day until Noon on the following day, except as indicated below.

**If the Holiday occurs on a Friday or Saturday**: From Noon on the preceding Thursday to Noon on the following Monday.

**If the Holiday occurs on a Sunday or Monday**: From Noon on the preceding Friday to Noon on the following Tuesday.

#### \*Note:

For low volume roadways (minor arterial), lane closures will not be allowed during the holidays; however, there will be no restriction to the preceding day and the following day.

| INTERSTATE 395 & INTERSTATE 95                  |   |                                  |                              |                        |                       |  |  |
|---|---|----------------------------------|------------------------------|------------------------|-----------------------|--|--|
|   |   | Northbound                       |                              |                        |                       |  |  |
|   | WEEKDAY                                     | Single-Lane Closures or Shoulder | Two-Lane Closures            | Multiple-Lane Closures | Complete Road Closure |  |  |
| Segment 1                                       | 14 <sup>th</sup> St. Bridge to              | 10:00AM to 3:00PM                | 10:00PM to 5:00AM            | 11:00PM to 5:00AM      | 40.004114- 4.00414    |  |  |
| Segment i                                       | <b>Springfield Interchange</b>              | 9:00PM to 5:00AM                 | TO.OUPINI to S.OUAINI        | TT.00PW to 5.00AW      | 12:00AM to 4:00AM     |  |  |
| Segment 2                                       | Springfield Interchange to                  | 9:30AM to 3:30PM                 | 10:00PM to 5:00AM            | 11:00PM to 5:00AM      | 12:00AM to 4:00AM     |  |  |
| Segment 2                                       | Rt.123                                      | 9:00PM to 5:00AM                 | TO.OOF IN to 3.00AIN         | TT.001 IVI to 3.00AIVI | 12.00AW (0 4.00AW     |  |  |
| Segment 3                                       | Rt.123 to Prince William /                  | 9:30AM to 3:30PM                 | 10:00PM to 4:30AM            | 11:00PM to 4:00AM      | 12:00AM to 4:00AM     |  |  |
| ocyment o                                       | Stafford County line                        | 9:00PM to 5:00AM                 | 10.001 W to 4.00/W           | 11.001 W to 4.00/W     | 12.00AW to 4.00AW     |  |  |
| Segment 4                                       | Prince William /<br>Stafford County line to | 9:30AM to 3:30PM                 | 10:00PM to 4:30AM            | n/a                    | 12:00AM to 4:00AM     |  |  |
| 3   | Rt.3 Exit 130                               | 9:00PM to 4:30AM                 |                              |                        |                       |  |  |
| Rt.3 Exit 130 to Caroline / Hanover County line |   | 9:00AM to 3:30PM                 | 10:00PM to 4:30AM            | n/a                    | 12:00AM to 4:00AM     |  |  |
|   |   | 9:00PM to 5:30AM                 | 10.001 111 10 1.007 1111     | 1770                   |                       |  |  |
|   |   | All lanes                        | open at 12:00 noon on Friday |                        |                       |  |  |
|   | WEEKBAW                                     | Southbound                       |                              |                        |                       |  |  |
|   | WEEKDAY                                     | Single-Lane Closures or Shoulder | Two-Lane Closures            | Multiple-Lane Closures | Complete Road Closure |  |  |
| Segment 1                                       | 14 <sup>th</sup> St. Bridge to              | 10:00AM to 2:30PM                | 10:00PM to 5:00AM            | 11:00PM to 5:00AM      | 12:00AM to 4:00AM     |  |  |
| ocginent i                                      | Springfield Interchange                     | 9:30PM to 5:00AM                 | 10.001 W to 0.007 W          | 11.001 W to 0.007 W    | 12.00AW (0 4.00AW     |  |  |
| Segment 2                                       | Springfield Interchange to                  | 9:00AM to 2:00PM                 | 10:00PM to 5:00AM            | 11:00PM to 5:00AM      | 12:00AM to 4:00AM     |  |  |
| Segment 2                                       | Rt.123                                      | 9:30PM to 5:00AM                 | 10.001 W to 3.00AW           | 11.001 W to 3.00AW     | 12.00AW (0 4.00AW     |  |  |
| Segment 3                                       | Rt.123 to Prince William /                  | 9:00AM to 2:00PM                 | 10:00PM to 5:00AM            | 11:00PM to 5:00AM      | 12:00AM to 4:00AM     |  |  |
| Segment 3                                       | Stafford County line                        | 9:30PM to 6:00AM                 | 10.001 W to 3.00AW           | TT.001 WI to 3.00AW    | 12.00AW (0 4.00AW     |  |  |
|   | Prince William /                            | 9:00AM to 2:00PM                 |                              |                        |                       |  |  |
| Segment 4                                       | Stafford County line to<br>Rt.3 Exit 130    | 9:30PM to 6:00AM                 | 10:00PM to 5:30AM            | n/a                    | 12:00AM to 4:00AM     |  |  |
| Segment 5                                       | Rt.3 Exit 130 to                            | 9:00AM to 3:00PM                 | 10:00PM to 5:30AM            | n/a                    | 12:00AM to 4:00AM     |  |  |
| Segment 3                                       | Caroline / Hanover<br>County line           | 9:30PM to 6:00AM                 | TO.OUT IN IO S.SUAIN         | 11/4                   | 12:00AM to 4:00AM     |  |  |

All lanes open at 11:00am on Friday

| INTERSTATE 395 & INTERSTATE 95   |                                  |  |                       |  |  |  |
|--|----------------------------------|--|-----------------------|--|--|--|
|  |                                  | Northbound/Southbound*                       |                       |  |  |  |
| WEEKEND  | Single-Lane Closures or Shoulder | Multiple-Lane Closures                       | Complete Road Closure |  |  |  |
| Friday to Saturday   | 10:00PM to 7:00AM                | 11:00PM to 6:00AM                            | 12:00AM to 5:00AM     |  |  |  |
| Saturday to Sunday   | 10:00PM to 7:00AM                | 11:00PM to 6:00AM                            | 12:00AM to 5:00AM     |  |  |  |
| Sunday to Monday 10:00PM to 5:00AM 11:00PM to 4:00AM 12:00AM to 4:00AM |                                  |  |                       |  |  |  |
| * For special operations, depending on                                 | time of year, additional hours   | may be allowed with proper ADA/ROD approval. |                       |  |  |  |

|   | REVERSIBLE LANES (HOV & EXPRESS LANES)*  Single-Lane Closures or Shoulder Complete Road Closure** |                   |  |  |  |
|---|---|-------------------|--|--|--|
|   |   |                   |  |  |  |
| WEEKDAY9:30PM (Sunday to Thursday) to 4:00AM (Monday to Friday)11:00PM to 4           |   | 11:00PM to 4:00AM |  |  |  |
| WEEKEND 11:00PM (Friday to Saturday) to 9:00AM (Saturday to Sunday) 11:00PM to 4:00AM |   |                   |  |  |  |
| WEEKEND 11:00PM (Friday to Saturday) to 9:00AM (Saturday to Sunday) 11:00PM to 4:00AM |   |                   |  |  |  |

Direction of traffic control for all lane closures in reversible lanes will need to be adjusted as necessary to face direction of traffic. Complete Road Closure on Express Lanes limited to 30 minutes or less.

| INTERSTATE 495 (BELTWAY) |  |                                  |                           |                        |                       |  |
|--------------------------|--|----------------------------------|---------------------------|------------------------|-----------------------|--|
|                          |  | Inner Loop                       |                           |                        |                       |  |
|                          | WEEKDAY                                    | Single-Lane Closures or Shoulder | Two-Lane Closures         | Multiple-Lane Closures | Complete Road Closure |  |
| Segment 1                | A. L. Bridge to                            | 10:00AM to 3:00PM                | 10:00PM to 5:00AM         | 11:00PM to 5:00AM      | 12:00AM to 5:00AM     |  |
| Segment                  | <b>Springfield Interchange</b>             | 9:30PM to 5:00AM                 | TO.OUPINI TO 5.OUAINI     | 11.00PW to 5.00AW      | 12.00AW (0 5.00AW     |  |
| Comment 0                | Springfield Interchange                    | 10:00AM to 3:00PM                | 10.00DM to 5.00AM         | 11.00DM to 5.00AM      | 10:00 AM to 5:00 AM   |  |
| Segment 2                | to W.W. Bridge                             | 9:30PM to 5:00AM                 | 10:00PM to 5:00AM         | 11:00PM to 5:00AM      | 12:00AM to 5:00AM     |  |
|                          |  | All lanes oper                   | n at 12:00 noon on Friday |                        |                       |  |
|                          |  |                                  | Oute                      | er Loop                |                       |  |
|                          | WEEKDAY                                    | Single-Lane Closures or Shoulder | Two-Lane Closures         | Multiple-Lane Closures | Complete Road Closure |  |
| Commont 1                | A. L. Bridge to<br>Springfield Interchange | 9:30AM to 2:30PM                 | 10:00PM to 5:00AM         | 11:00PM to 5:00AM      | 12:00AM to 5:00AM     |  |
| Segment 1                |  | 9:30PM to 5:00AM                 |                           |                        |                       |  |
| Segment 2                | Springfield Interchange                    | 10:00AM to 3:00PM                | 10:00PM to 5:00AM         | 11:00PM to 5:00AM      | 12:00AM to 5:00AM     |  |
| Segment 2                | to W.W. Bridge                             | 9:30PM to 5:00AM                 | TO.OUP IN TO S.OUAIN      |                        |                       |  |
|                          |  | All lanes oper                   | n at 12:00 noon on Friday |                        |                       |  |
|                          |  |                                  | Inner/O                   | uter Loop              |                       |  |
| WEEKEND                  |  | Single-Lane Closures or Shoulder | Multiple-Lane Closures    |                        | Complete Road Closure |  |
| F                        | riday to Saturday                          | 10:00PM to 8:00AM                | 11:00PM to 7:00AM         |                        | 12:00AM to 5:00AM     |  |
| S                        | aturday to Sunday                          | 10:00PM to 9:00AM                | 11:00PM                   | to 8:00AM              | 12:00AM to 5:00AM     |  |
| S                        | Sunday to Monday                           | 9:30PM to 5:00AM                 | 11:00PM                   | to 5:00AM              | 12:00AM to 5:00AM     |  |

|  | EXPRESS LANES   |                   |  |  |  |
|--|---|-------------------|--|--|--|
|  | Single-Lane Closures or Shoulder Complete Road Closure**                              |                   |  |  |  |
| WEEKDAY  | 9:30PM (Sunday to Thursday) to 4:00AM (Monday to Friday)                              | 11:00PM to 4:00AM |  |  |  |
| WEEKEND  | WEEKEND 11:00PM (Friday to Saturday) to 9:00AM (Saturday to Sunday) 11:00PM to 4:00AM |                   |  |  |  |
| ** Complete Road Closure on Express Lanes limited to 30 minutes or less. |   |                   |  |  |  |

| INTERSTATE 66                  |   |                                  |                           |                        |                       |  |  |
|--------------------------------|---|----------------------------------|---------------------------|------------------------|-----------------------|--|--|
|                                |   | Eastbound                        |                           |                        |                       |  |  |
| WEEKDAY                        |   | Single-Lane Closures or Shoulder | Two-Lane Closures         | Multiple-Lane Closures | Complete Road Closure |  |  |
| Segment 1                      | Prince William County line to Route 286 | 10:00AM to 3:30PM                | 9:00PM to 5:00AM          | 10:00PM to 5:00AM      | 12:00AM to 4:00AM     |  |  |
| Segment                        |   | 8:00PM to 5:00AM                 |                           |                        |                       |  |  |
| Segment 2                      | Route 286 to Beltway                    | 11:00AM to 3:30PM                | 10:00PM to 5:00AM**       | 11:00PM to 5:00AM**    | 12:00AM to 4:00AM     |  |  |
| ocginent 2                     | Route 200 to Beitway                    | 9:00PM to 5:00AM                 | 10.001 W to 3.007W        | 11.001 W to 3.00/W     | 12.00AW 10 4.00AW     |  |  |
| Segment 3 Beltway to TR Bridge |   | 9:30PM to 5:00AM                 | n/a                       | n/a                    | 12:00AM to 4:00AM     |  |  |
| Segment 3                      | (Inside Beltway)                        | 9.30FW to 3.00AW                 | II/a                      | TI/a                   | 12.00AW to 4.00AW     |  |  |
|                                |   | All lanes ope                    | n at 12:00 noon on Friday |                        |                       |  |  |

| WEEKDAY   |                              | Westbound                        |                        |                        |                       |  |
|-----------|------------------------------|----------------------------------|------------------------|------------------------|-----------------------|--|
|           |                              | Single-Lane Closures or Shoulder | Two-Lane Closures      | Multiple-Lane Closures | Complete Road Closure |  |
| Commont 1 | <b>Prince William County</b> | 9:00AM to 2:30PM                 | 0.000011 +- 0.00414    | 10:00DM to 5:00AM      | 12:00AM to 4:00AM     |  |
| Segment 1 | line to Route 286            | 9:00PM to 6:00AM                 | 9:30PM to 6:00AM       | 10:30PM to 5:00AM      |                       |  |
| Segment 2 | Route 286 to Beltway         | 9:00AM to 2:00PM*                | 10:00PM to 5:00AM**    | 11:00PM to 5:00AM**    | 12:00AM to 4:00AM     |  |
| Segment 2 | Route 280 to Beltway         | 9:30PM to 5:00AM                 | TO.OUT IVI TO S.OUAIVI | TT.00F W to 5.00AW     | 12.00AW (0 4.00AW     |  |
| Comment 2 | Beltway to TR Bridge         | 9:30AM to 2:00PM*                | 40.000041- 5.00404*    |                        | 12:00AM to 4:00AM     |  |
| Segment 3 | (Inside Beltway)             | 10:00PM to 5:00AM                | 10:00PM to 5:00AM**    | n/a                    |                       |  |

All lanes open at 12:00 noon on Friday

| WEEKEND            |                                  | Eastbound/Westbound    |                       |  |  |  |
|--------------------|----------------------------------|------------------------|-----------------------|--|--|--|
| Outside Beltway    | Single-Lane Closures or Shoulder | Multiple-Lane Closures | Complete Road Closure |  |  |  |
| Friday to Saturday | 9:00PM to 9:00AM                 | 10:00PM to 6:00AM      | 12:00AM to 5:00AM     |  |  |  |
| Saturday to Sunday | 9:00PM to 9:00AM                 | 10:00PM to 6:00AM      | 12:00AM to 5:00AM     |  |  |  |
| Sunday to Monday   | 8:00PM to 5:00AM                 | 9:00PM to 5:00AM       | 12:00AM to 4:00AM     |  |  |  |
| Inside Beltway     | Single-Lane Closures or Shoulder | Multiple-Lane Closures | Complete Road Closure |  |  |  |
| Friday to Saturday | 10:00PM to 6:00AM                | n/a                    | 12:00AM to 5:00AM     |  |  |  |
| Saturday to Sunday | 10:00PM to 6:00AM                | n/a                    | 12:00AM to 5:00AM     |  |  |  |
| Sunday to Monday   | 9:30PM to 5:00AM                 | n/a                    | 12:00AM to 4:00AM     |  |  |  |

<sup>\*</sup> Only be considered for three lane segment.

\*\* Consider opening shoulder lane, where Applicable.

| ROUTE 267 CONNECTOR |  |                       |   |                     |  |  |  |
|---------------------|--|-----------------------|---|---------------------|--|--|--|
|                     | East                                   | bound                 | Westbound   |                     |  |  |  |
| WEEKDAY             | Single-Lane Closures or<br>Shoulder    | Complete Road Closure | Single-Lane Closures or Shoulder Complete Road Clos |                     |  |  |  |
| Manday to Friday    | 11:00AM to 3:00PM                      | 10:00 AM to 4:00 AM   | 9:30AM to 3:00PM                                    | 10:00 AM to 4:00 AM |  |  |  |
| Monday to Friday    | 9:30PM to 5:00AM                       | 12:00AM to 4:00AM     | 9:00PM to 5:00AM                                    | 12:00AM to 4:00AM   |  |  |  |
|                     | All lanes open at 12:00 noon on Friday |                       |   |                     |  |  |  |

|                    | Eastbound/Westbound                 |                       |  |  |
|--------------------|-------------------------------------|-----------------------|--|--|
| WEEKEND            | Single-Lane Closures or<br>Shoulder | Complete Road Closure |  |  |
| Friday to Saturday | 10:00PM to 8:00AM                   | 12:00AM to 5:00AM     |  |  |
| Saturday to Sunday | 11:00PM to 8:00AM                   | 12:00AM to 5:00AM     |  |  |
| Sunday to Monday   | 9:00PM to 5:00AM                    | 12:00AM to 4:00AM     |  |  |

| Single-Lane Closures* or Shoulder |                    |                    |                    |                    |                   |  |  |
|-----------------------------------|--------------------|--------------------|--------------------|--------------------|-------------------|--|--|
| ARTERIAL                          | WEEKDAY            |                    | WEEKEND            |                    |                   |  |  |
| ANIENIAL                          | Monday to Thursday | Friday             | Friday to Saturday | Saturday to Sunday | Sunday to Monday  |  |  |
| Maior Artorialo**                 | 9:30AM to 3:00PM   | 9:30AM to 2:00 PM  | 10:00PM to 9:00AM  | 10:00PM to 8:00AM  | 10:00PM to 5:00AM |  |  |
| Major Arterials**                 | 10:00PM to 5:00AM  |                    |                    |                    |                   |  |  |
| All Other Roadways                | 9:00AM to 3:30PM   | 0,00 AM to 0,00 DM | 10:00DM to 0:00AM  | 0:00DM to 0:00AM   | 10:00PM to 5:00AM |  |  |
|                                   | 9:00PM to 5:00AM   | 9:00AM to 2:00 PM  | 10:00PM to 9:00AM  | 9:00PM to 9:00AM   |                   |  |  |

| Multiple-Lane Closures |                    |                           |                    |                    |                   |  |
|------------------------|--------------------|---------------------------|--------------------|--------------------|-------------------|--|
| ARTERIAL               | WEE                | KDAY                      | WEEKEND            |                    |                   |  |
| ANTENIAL               | Monday to Thursday | Friday                    | Friday to Saturday | Saturday to Sunday | Sunday to Monday  |  |
| Major Arterials**      | 10:00PM to 5:00AM  | Not allowed until 11:00PM | 11:00PM to 5:00AM  | 11:00PM to 6:00AM  | 11:00PM to 5:00AM |  |
| All Other Roadways     | 9:00PM to 5:00AM   | Not allowed until 10:00PM | 10:00PM to 6:00AM  | 10:00PM to 6:00AM  | 10:00PM to 5:00AM |  |

<sup>\*</sup>Single-lane closures only permitted for multiple-lane roadways.

\*\*Major Arterials defined as Primary Roads, high volume Secondary Roads, and all other routes that connect directly to Interstates.