

**VIRGINIA DEPARTMENT OF TRANSPORTATION STANDARD NOTES**

**HAMPTON ROADS DISTRICT**

October 2011

**1.0 GENERAL INFORMATION**

1.1 These plans were prepared in accordance with the requirements of (select one):  
VDOT Subdivision Street Requirements (SSR)  
VDOT Subdivision Street Acceptance Requirements (SSAR)  
N/A

1.2 VDOT Approved Exceptions (select one):  
Access Management                      Date of Approval \_\_\_\_\_  
SSAR    Date of Approval \_\_\_\_\_  
Other: \_\_\_\_\_                      Date of Approval \_\_\_\_\_  
N/A

1.3 Trip Generation Data:  
Use: \_\_\_\_\_  
ITE Code: \_\_\_\_\_  
Total Daily Trips: \_\_\_\_\_ vpd  
AM Peak Hour Trips: \_\_\_\_\_ vph  
PM Peak Hour Trips: \_\_\_\_\_ vph

1.4 A Land Use Permit must be obtained from VDOT before any construction is started within State maintained right of way limits. Contact the VDOT District Office at (757) 925-2500 for the permit fee and bond amount. All Land Use Permit applications must have one (1) set of approved plans, a copy of the plan approval letter, a check for the processing fee made payable to Treasurer of Virginia, and surety or bond in the required amount.

1.5 The VDOT District Office is to receive written notification 48 hours prior to the start of any work within State maintained right of way. A pre-construction meeting should be held at least one week prior to any land disturbance or when construction activities will affect traffic operations of any arterial corridor.

1.6 All construction methods and materials within State maintained right of way shall comply with the current standards and specifications of the Virginia Department of Transportation.

1.7 The contractor shall have available a copy of the Land Use Permit(s), final approved plans, any approved revisions, and a copy of the approval letter on site.

1.8 Any errors, conflicts, or discrepancies found on the approved plans shall be reported to the developer's engineer. The VDOT District Office should be notified for resolution before proceeding further with the work if the State maintained right of way is affected.

1.9 The developer is responsible for any damage to existing roads, utilities, and any other installations already in place which occur as a result of project construction within or contiguous to State right of way limits.

1.10 The Commonwealth Transportation Board members of the Board, the Commonwealth and all Commonwealth employees, agents, and offices, shall be absolved from all responsibilities, damages and liabilities as a result of work arising from the exercise of the privileges granted by plan and/or permit approval.

## **2.0 DRAINAGE & EROSION CONTROL**

2.1 VDOT shall not be responsible for the maintenance of any stormwater management facility or outfall structure located outside of State maintained right of way limits and shall be absolved from all responsibilities, damages and liabilities as a result of such.

2.2 All erosion and sediment control measures shall be the responsibility of the contractor in accordance with the Virginia Erosion & Sediment Control Handbook and Virginia Stormwater Management Program. An individual certified by the Virginia Department of Conservation and Recreation, holding a Responsible Land Disturber Certification, is to be in charge of the land disturbing activity and on the work site at all times.

2.3 Temporary drainage measures shall be installed during construction to prevent ponding and divert sediment laden water.

2.4 All necessary precautions shall be taken to ensure against siltation of adjacent properties, ditches, streams, etc. Additional ditch linings or siltation and erosion control measures shall be provided as determined necessary by VDOT and/or the county/town during field review. All costs shall be assumed by the developer.

2.5 All disturbed areas shall be stabilized immediately upon the end of each day's work and reseeded in accordance with VDOT Road and Bridge Specifications.

## **3.0 MATERIALS**

3.1 When unsuitable materials are encountered during construction such materials shall be undercut and backfilled with VDOT Type II Select Material Minimum CBR 20 according to VDOT specifications.

- 3.2 Pavement design shall be provided in accordance with the Pavement Design Guide for Subdivision and Secondary Roads in Virginia. For primary roads and interstate highways where truck traffic exceeds 5%, pavement design shall be provided in accordance with AASHTO guidelines. Typical pavement sections shall depict the top 6" of the subgrade immediately under the pavement structure compacted to 100% of the theoretical maximum dry density.
- 3.3 Asphalt pavement widening shall conform to VDOT Standard WP-2.
- 3.4 Installation of pipe culverts and storm sewers shall conform to VDOT Standard PB-1.
- 3.5 The Department usually prohibits the open-cutting of hard-surfaced roads except in extenuating circumstances. Therefore, all underground utilities within State maintained right of way, as determined necessary by good engineering practice to serve the complete development of adjacent properties, shall be installed during the streets initial construction and prior to the application of its final pavement surface course. This shall include extensions of all necessary cross-street connections or service lines to an appropriate location beyond the pavement and preferably the right of way line. In the event it is necessary to open the street pavement to work on utilities after the surface has been placed, additional compaction tests and paving as necessary to restore the integrity and appearance of the roadway may be required.

#### **4.0 RIGHT OF WAY & UTILITIES**

- 4.1 All fixed objects such as utility cabinets, pedestals, and streetlights shall be located in accordance with clear zone requirements, as noted in the Road Design Manual or AASHTO Roadside Design Guide. There shall not be any cabinets, pedestals, or fire hydrants located on the shoulder.
- 4.2 Flowers, shrubs, and trees shall not be placed within State maintained right of way limits without an approved set of plans and an approved planting agreement. No irrigation (sprinkler) systems, brick columns, endwalls, and/or brick mailboxes will be constructed or installed within State maintained right of way limits without a permit. Any of the above items found in the right of way without a permit will be removed, and all costs of the removal will be borne by the owner and/or developer.
- 4.3 The contractor shall be responsible for locating and protecting all underground and overhead utilities, whether or not they are shown on the plans, prior to construction. The contractor will be responsible for repairs at his own expense of any utilities damaged by his construction methods. MISS UTILITY must be contacted at **811** at least 72 hours prior to the commencement of construction.
- 4.4 Authorized underground utility installations shall maintain a minimum of 36 inches of cover.
- 4.5 Overhead utility installations within limited access and non limited access right of way shall be installed in accordance with VDOT Land Use Permit Regulations.

- 4.6 All roadway lighting shall be designed in accordance with IESNA lighting criteria and installed in accordance with VDOT Road and Bridge Specifications. All roadway lighting shall adhere to the Virginia Lighting Law.

## **5.0 TRAFFIC**

- 5.1 Contact Traffic Engineering Operations at (757) 925-1659 or (757) 925-1653 a minimum of 48 hours in advance whenever excavation is within 500 feet of a traffic signal, so the lines can be marked. Failure to do so could be a costly repair for the developer.
- 5.2 Contact Roadway Lighting Operations at (757) 484-9015 or (757) 484-8940 a minimum of 48 hours in advance whenever planned construction activities are located within Limited Access Highways. Failure to do so could be a costly repair for the developer.
- 5.3 Contact Traffic Operations Center Maintenance Manager at (757) 424-9903 a minimum of 48 hours in advance of all construction activities located within Limited Access Highways. Failure to do so could be a costly repair for the developer.
- 5.4 Sight distances at entrances and intersections shall be maintained at all times during and after construction. Any object or landscaping that obstructs driver view shall be relocated at the developer's expense or the entrance may be closed at VDOT's discretion.
- 5.5 During construction, the maintenance of traffic shall conform to the requirements in the most recent version of the Virginia Work Area Protection Manual and the MUTCD.

## **6.0 ENVIRONMENTAL**

- 6.1 The permittee is responsible for pursuing and obtaining any and all environmental clearances and/or permits, including, but not limited to, water quality, threatened and endangered species, hazardous materials, and cultural resources, required to pursue the proposed activity before any construction is started within State maintained right of way limits. Documents related to these activities shall be submitted with the Land Use Permit application.