

May-2011

I. Traffic Signal Retiming

1. Photo Safe “Red Light Camera” Intersection Recertification

- VDOT requires an annual recertification of signal timings at intersections used in the program to ensure they are the same as when they were initially set in the program.
- Recertifications were done at three(3) intersections:
 1. Holland Road/Rosemont Road
 2. Damneck Road/General Booth Boulevard
 3. Virginia Beach Boulevard/Great Neck Road

II. Meeting Hosted or Attended

1. VDOT Lane Closure Advisory Management (LCAMS) Training - May 24

VDOT staff members visited the TMC and trained TMC staff on the Lane Closure Entry and Management program. This program will allow TMC staff:

1. To view existing lane closures in the VDOT right-of-way (statewide)
2. To enter lane closure requests on VDOT controlled roads (I-264 and I-64)
3. To enter local/secondary road closures to be viewed on statewide area map

2. Road Safety Audit Training - May 31- June 1

Public Works Traffic Engineering hosted The Federal Highway Administration Road Safety Audit (RSA) training on May 31st and June 1st at the Virginia Beach Advanced Technology Center. The two day training was conducted by Craig Allred, who is a Transportation Specialist with FHWA. A Road Safety Audit (RSA) is the formal safety performance examination of an existing or future road or intersection by an independent, multidisciplinary team. This training is in high demand throughout the United States because RSA results are often part of the information used when applying for federal grants.

III. Traffic Management Operations Division Response Information

Some of the vital statistics we address each month

1. Number of Traffic Counts Scheduled/Completed – 33/33

- *In addition, we collected turning movement counts at 6 intersections*

2. Number of Hits on the Traffic Data Database (at www.VBgov.com/TCDS)

- 213 hits for the month of May 2011
- 3683 hits since program inception (July 2009)

3. Number of Utility Locate Tickets (Miss Utility) Received/Checked/Marked – 2118/226/240

4. Number of Traffic Signal Preventive Maintenance Actions completed –47

5. Number of Traffic Signal Work Orders Received – 172 (64 storm related)

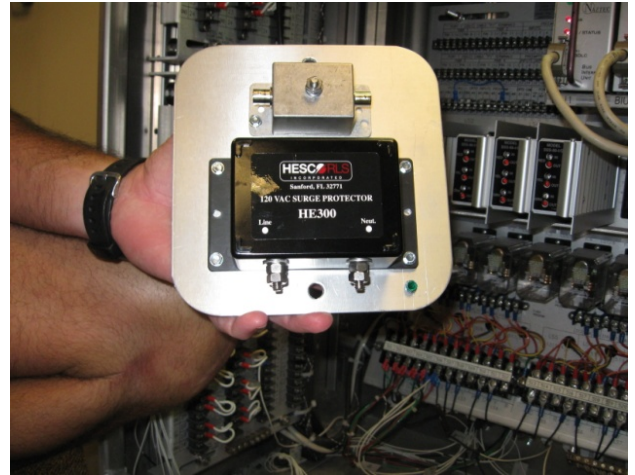
6. *Number of Traffic Sign Work Orders Completed – 485*

7. *Linear feet of Thermoplastic Applied to Roadway – 17,700*

Innovative Staff Developments

Lightning Strike Dissipation

Lightning strikes and random electrical surges can cause considerable damage to field equipment that is continuously exposed to the elements. This is no small issue since we typically have damage to 2-3 cabinets per year due to electrical surge issues and a fully equipped cabinet can cost in excess of \$50,000. Traffic signal cabinets contain electronics including: traffic signal controllers; Cisco ethernet switches; port serving devices; video encoders. It is an ongoing battle to protect the devices inside the cabinet.



Staff member Jeff Staylor (Traffic Signal Electronics Technician I) crafted a device panel board to protect the closed circuit television (CCTV) cameras from electrical surges.