



TRAFFIC MANAGEMENT CENTER *NEWSLETTER*

March – 2012

I. Traffic Management Center Tour for New Castle Elementary School Fourth Grade Class, February 21, 2012

The Traffic Management Center (TMC) staff hosted a tour of the TMC facilities for the school's entire fourth grade class. New Castle is a local elementary that is a few miles west of the TMC, on Dam Neck Road. The turnout for the tour was much greater than expected. The TMC staff was surprised when four school buses appeared the Dam Neck Maintenance Yard parking lot. The fourth graders were taken, in shifts, to several departments in the TMC organization.

Steve Smith, a Traffic Signals Electronics Technician, showed the students the TMC control room. Steve gave a demonstration of the video wall and explained the TMC's traffic control functions. Steve answered all the students' questions and kept their attention with demonstrations of the control room capabilities.

The next visit was to the Sign Computer Room. Joseph Magary, a Traffic Signs and Marking Mechanic, showed the students the procedures used in making computer generated traffic sign markings.

The student's last visit was to the Carpenter Shop. Wayne Smith, a Traffic Signal Electronics Technician, showed the students the functions of the traffic signal equipment. Wayne demonstrated various types of traffic control equipment, such as a traffic surveillance camera, LED traffic signal, and loop detectors.



Steve Smith answers questions in front of the TMC Control Room video wall.

Joseph Magary demonstrates the Sign Computer Room equipment.



Wayne Smith demonstrates the Carpenter Shop traffic signal equipment.

II. Fiber Splicing Trailer, March 2012

Staff took delivery of a much needed fiber splicing trailer in March 2012. In anticipation of expanding the fiber optic cable network, fourteen staff members were sent to training and certified in fiber optic cable splicing. Staff renovated a late model van to serve as the field splicing vehicle. This converted vehicle was not ergonomically ideal for the job; the interior was small, unconditioned, and required staff to work in very close proximity. The splicing trailer has: a generator for heating and air conditioning; anti-glare windows and fluorescent lighting to provide better work area lighting; side and floor fiber optic cable access ports; exterior flood lamps for night work.



Lead fiber optic cable splicers John Buonomo and Steve Smith



IV. Traffic Management Operations Division Response Information

Some of the vital statistics we address each month

- 1. Number of Traffic Counts Scheduled/Completed – 15/15**
 - *In addition, we collected turning movement counts at 6 intersections*
- 2. Number of Hits on the Traffic Data Database (at www.VBgov.com/TCDS)**
 - *214 hits for the month of March 2012*
 - *5891 hits since program inception (July 2009)*
- 3. Number of Utility Locate Tickets (Miss Utility) Received/Checked/Marked – 2965/364/249**
- 4. Number of Traffic Signal Preventive Maintenance Actions completed –59**
- 5. Number of Traffic Signal Work Orders Received – 103**
- 6. Number of Traffic Sign Work Orders Completed – 341**
- 7. Linear feet of Thermoplastic Applied to Roadway – 1,327**