



TRAFFIC MANAGEMENT CENTER *NEWSLETTER*

May- 2012

I. Dynamic Message Sign & Systems Detectors Project, May 2012

The Dynamic Message Sign & System Detector project began construction in February 2012. The goal of this project is quickly disseminate real-time traffic information on 8 dynamic message signs installed on critical arterials and collector roads around the city. This project will also install in-pavement traffic sensors to detect traffic volumes and speeds. These sensors will detect real-time traffic conditions and will allow our traffic signal controllers to select the appropriate timing plan for the present condition.

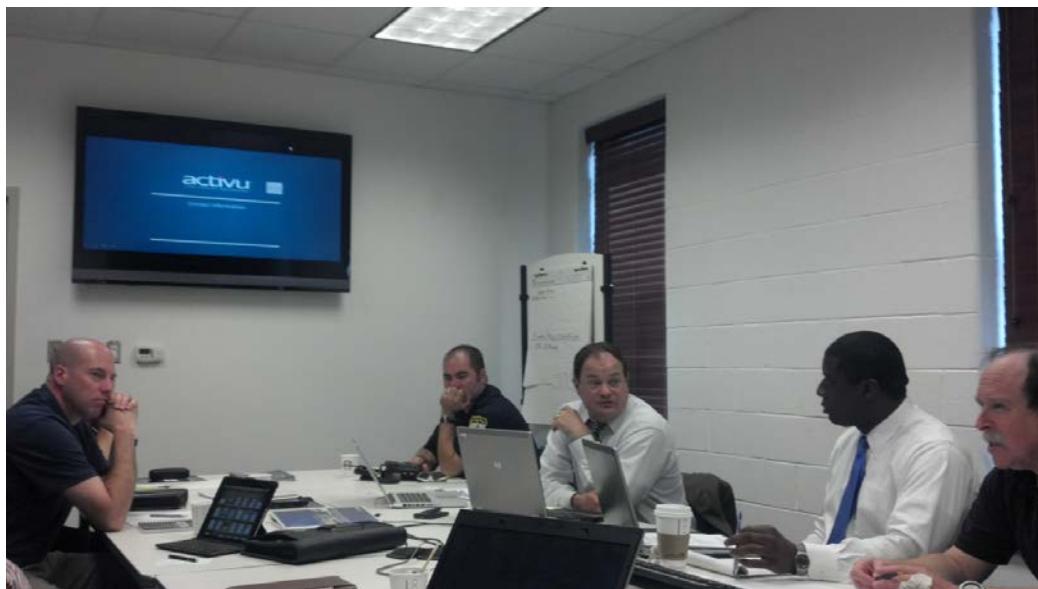
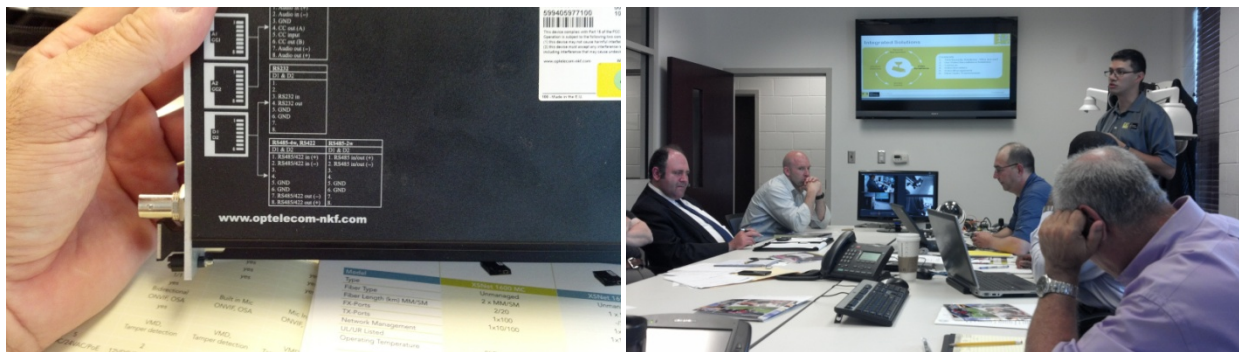
Use of this type of sensor is relatively new to the city. The prime contractor, Midasco LLC, has completed the installation at over 50 locations. Installation is very quick, no more than 15 minutes per unit. Photographs of the installation **below**.



II. Video Distribution Software Product Demonstration May 17-18 2012

On May 17-18, 2012, Grice Consulting hosted a video distribution software product demonstration at the Traffic Management Center. Also participating was Transcore (Grice sub-consultant), the City of Virginia Beach Police Department, and ComIT. Three (3) vendors (Optibase, NKV Optelcom, and Activu) participated in the demonstration. Features that we were particularly interested in were: availability of a map-based graphical interphase; ability to stream video to a smart phone (Android, I-Pad, I-Phone, First Responder Mobile Data Unit); maintenance packages available; licensing requirements.

Our goal is to use this type of technology as a force multiplier, as it has been used by other TMCs throughout the country. Send the video to call centers (like 911 center, VDOT Traffic Operations center), manned continuously, that can alert the TMC to congestions issues. The TMC can then respond and alter signal timings to flush affected corridors.



IV. Traffic Management Operations Division Response Information

Some of the vital statistics we address each month

- 1. Number of Traffic Counts Scheduled/Completed – 30/30**
- 2. Number of Hits on the Traffic Data Database (at www.VBgov.com/TCDS)**
 - 254 hits for the month of May 2012
 - 6410 hits since program inception (July 2009)
- 3. Number of Utility Locate Tickets (Miss Utility) Received/Checked/Marked – 2987/335/221**
- 4. Number of Traffic Signal Preventive Maintenance Actions completed –49**
- 5. Number of Traffic Signal Work Orders Received – 106**
- 6. Number of Traffic Sign Work Orders Completed – 322**
- 7. Linear feet of Thermoplastic Applied to Roadway – 4,600**