

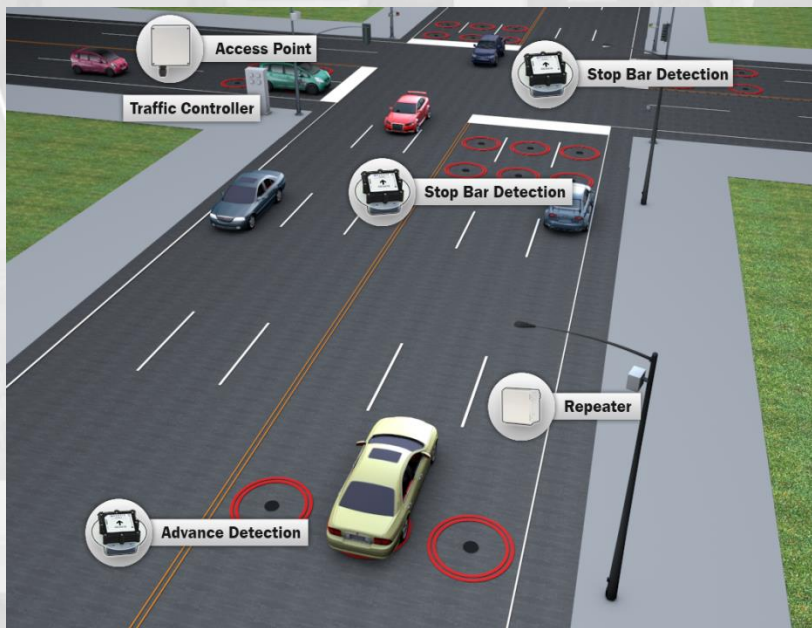


TRAFFIC MANAGEMENT CENTER NEWSLETTER

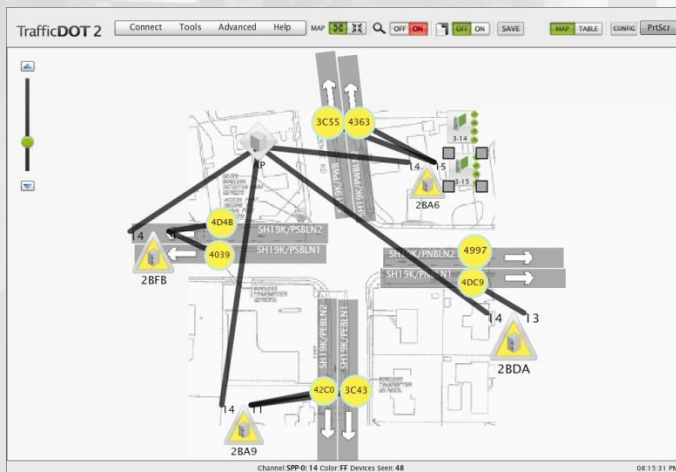
January/February/March– 2015

Wireless Vehicle Detection System Training, Public Works Operations Yard, March XX, 2015

Staff hosted a regional training workshop on wireless vehicle detection systems. The training involved configuring computers, access points and wireless detectors to capture real-time vehicle counts, occupancy and speed information.



The training, sponsored by Sensys Networks Inc, was attended by 35 participants fromVDOT and the cities of Chesapeake, Hampton,Newport News, Norfolk, and Virginia Beach.



Wireless Detection Provides:

- Support of traffic signal timing through volume and turn count collection
- Traffic Adaptive System support
- Safe traffic data collection

Fiber Optic Cable Repair During Octavia Snow Event, February 18, 2015

Staff was notified by the Dispatchers of an accident at GB/Birdneck shortly after midnight on Feb 18.

A vehicle crash took out the fiber connection hubs at the intersection.

The crash disrupted the service at the following sites:

- CVB Convention Center
- CVB Visitor Center
- CVB Towne bank
- MOCA
- Police 2nd Precinct
- Oceanfront Library
- Fire Station 11
- Oceanfront Treasurer
- Police Animal Control
- Police LETA
- DHS Detox
- Fire/EMS Training
- Fire Station 12
- 29th Street water tower
- Police Ocean Front cameras
access via Police 2nd Precinct



Public Works Traffic Operations staff deployed at 0700 2/18 and had the services fully restored (functionality returned) by 1100 on 2/18.

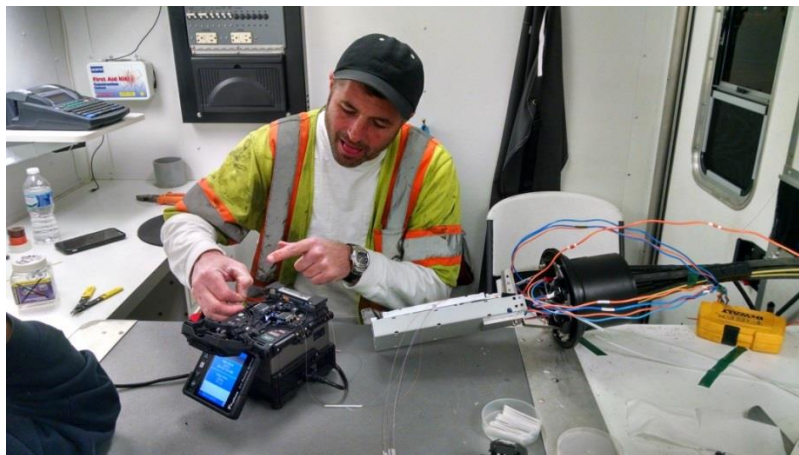
Staff involved (Signal Electronics technicians) were: Jeff Staylor, John Buonomo, Steve Bender, Noah Teeter.

Estimate cost of repairs is \$10,000.



Full repair (return to original condition) was completed late night on March 27,2015 with the splicing fiber trunks lines:

- 48 count fiber lines (2) heading north and south on General Booth Boulevard
- 48 count fiber optic cable heading north on Birdneck Road
- 12 count fiber optic drop cable to the traffic signal cabinet at Birdneck Rd/general Booth Boulevard



Traffic Management Operations Division Response Information

Some of the vital statistics we address January thru March 2015

- 1. Number of Traffic Counts Scheduled/Completed – 20/20**
- 2. Number of Hits on the Traffic Data Database**
<http://vbgov.ms2soft.com>
 - 1279 hits from January thru March 2015
 - 14,003 hits since program inception (July 2009)
- 3. Number of Utility Locate Tickets (Miss Utility) Received/Checked/Marked – 7027/736/730**
- 4. Number of Traffic Signal Preventive Maintenance Actions completed –160**
- 5. Number of Traffic Signal Work Orders Received – 687**
- 6. Number of Traffic Sign Work Orders Completed – 829**
- 7. Linear feet of Thermoplastic Applied to Roadway – none (winter season)**