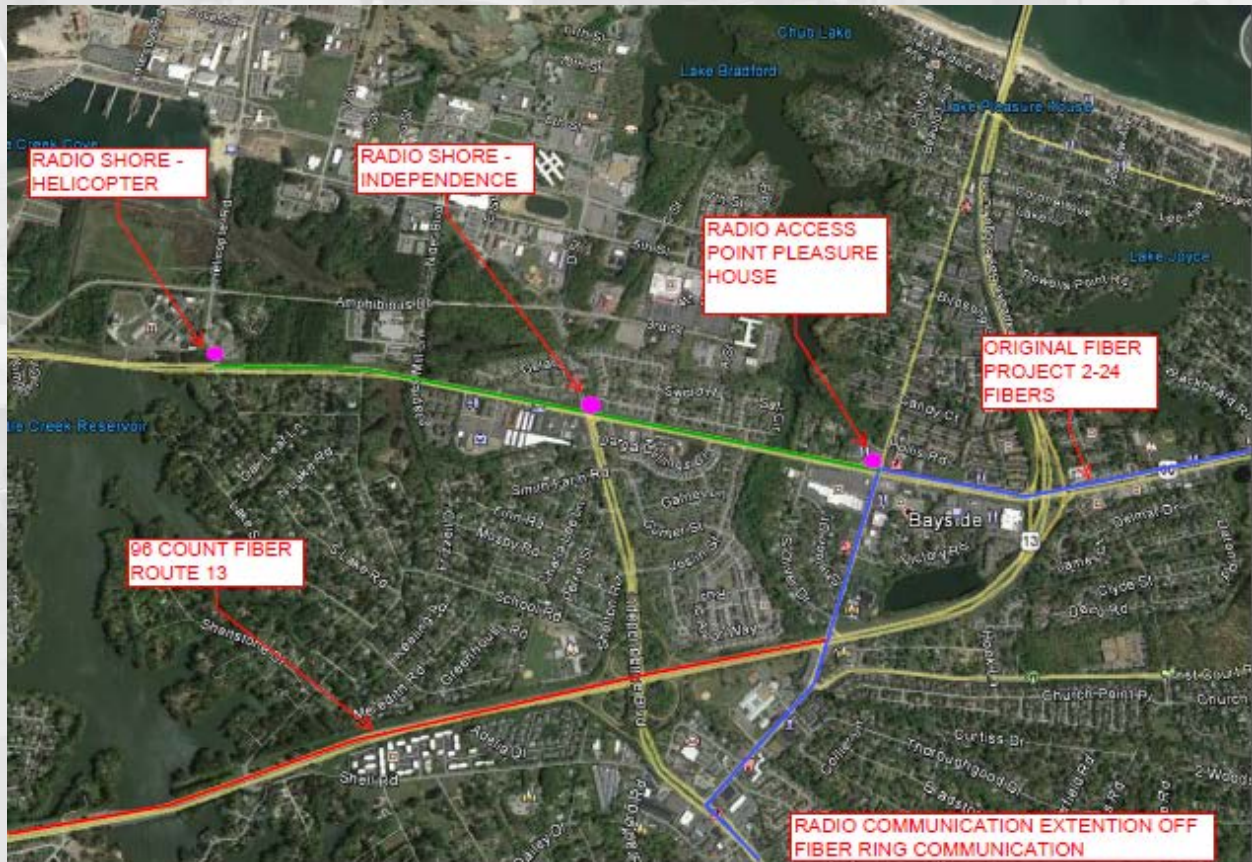


July/August/September– 2014

**Wireless Signal System Network Extension on Shore Drive at Joint Expeditionary Base Little Creek-Fort Story, September 2014**



The traffic signal network never had connectivity to the three signals on Shore Drive serving the Joint Expeditionary Base Little Creek-Fort Story. Any timing modifications or equipment operating assessments required field visits requiring 60 minutes of round trip travel time.

Staff installed GE MDS spread spectrum radios at the Pleasure House Road, Independence Boulevard, and Helicopter Road intersections on Shore Drive. The radios transmit east/west along Shore Drive and enter the ITS fiber network through an access point at the Shore Drive-Pleasure House Road intersection.



The GE MDS communication system provides a wireless, long range (up to 30 miles) IP/Ethernet solution to data transfer.

The radio solution provided a viable alternative to expanding the fiber optic cable infrastructure along Shore Drive.

The radio solution provided a 75% cost savings versus a fiber optic network expansion.



Traffic Signal Electronics Technician II Steve Smith installing a radio on site at Shore Drive/Helicopter Road.

**FHWA Class, “Successful Traffic Signal Management: The Basic Service Approach”, July 29-30, 2014**

Several staff members attend the subject class hosted by the Hampton Roads Transportation Operations Subcommittee at the Hampton Roads Planning District Commission Building, in Chesapeake Virginia.

This was a two-day course aimed at helping agencies achieve good basic service by evaluating and prioritizing their traffic signal program management decisions and day-to-day operations in support of agency directives.



**Traffic Management Operations Division Response Information**

*Some of the vital statistics we address July thru September 2014*

- 1. Number of Traffic Counts Scheduled/Completed – 100/100**
- 2. Turning Movement Counts Completed - 6**
- 3. Number of Hits on the Traffic Data Database**  
<http://vbgov.ms2soft.com>
  - 1040 hits from July thru September 2014
  - 14,489 hits since program inception (July 2009)
- 4. Number of Utility Locate Tickets (Miss Utility) Received/Checked/Marked – 8,493/771/666**
- 5. Number of Traffic Signal Preventive Maintenance Actions completed –150**
- 6. Number of Traffic Signal Work Orders Received – 543**
- 7. Number of Traffic Sign Work Orders Completed – 1086**
- 8. Linear feet of Thermoplastic Applied to Roadway – 33,295**