

January-2011

**I. Signal Retiming Accomplished/Installed/Verified**

*This topic involves the resolving signal timing issues at certain intersections based on citizen suggestions and staff observations.*

- 1. Laskin Road Gateway Project intersections*
- 2. Indian River Road and West Neck Road*
- 3. Laskin Road & Hilltop East Shopping Center*
- 4. Indian River Road & Reon Drive*

**II. Significant Meeting Hosted or Attended**

**1. January 19, 2011 Virginia Tech Tour of the Traffic Management Center**

*Virginia Tech has been contracted to develop the City's Energy Assurance Plan. A team led by Lori Herrick (City's Energy Management Administrator) and Mark Marchbank (City's Deputy Coordinator of Emergency Management) visited the TMC to discuss with staff how energy loss affects operations of the TMC.*

**2. January 12, 2011 – Public Works Snow Event After Action Meeting**

*This meeting was to discuss the events of the December 25<sup>th</sup> snow storm. Issues discussed were: GIS coverage maps/NIMS training/ Snow Event training/WEB EOC.*

**III. Community Service Event - Boy Scout Troop 179 at the TMC**

*On Sunday, January 9, 2011 TMC Staff hosted 15 members of Boy Scout Troop 179 and 6 parents. The scouts were working on their Engineering Merit badge. They spent the afternoon in the TMC Conference Room and video wall area discussing engineering project development, scheduling, problem solving and measureable results. (Photos attached)*

**IV. Traffic Management Operations Division Response Information**

*Some of the vital statistics we address each month*

- 1. Number of Traffic Counts Scheduled/Completed – 7/7***
  - In addition, we collected turning movement counts at 12 intersections*
- 2. Number of Hits on the Traffic Data Database (at [www.VBgov.com/TCDS](http://www.VBgov.com/TCDS))***
  - 270 hits for the month of January 2011*
  - 2697 hits since program inception (July 2009)*
- 3. Number of Utility Locate Tickets (Miss Utility) Received/Checked/Marked – 2281/173/133***
- 4. Number of Traffic Signal Preventive Maintenance Actions completed – 41***
- 5. Number of Traffic Signal Work Orders Received - 125***
- 6. Number of Traffic Sign Work Orders Completed – 420***

# Boy Scout Troop 179 at the Traffic Management Center

Done January 9, 2011



## What is Engineering?

- Engineering is the application of science and mathematics to improve society
- Engineers exist to design, construct, operate, or maintain the systems and devices that drive our society, making them as effective and efficient as possible
- The bottom line: engineering is problem solving

Engineering is the art or science of making practical.  
~ Samuel C. Florman

A slide with a background image of a bridge structure. The text is white and black, providing a definition of engineering and a quote by Samuel C. Florman.

