Emergency Vehicle Preemption of Hampton Roads Traffic Signals

Hampton Roads MPO Meeting April 15, 2009

WHEN SECONDS ARE CRITICAL,

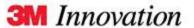






3M° OPTICOM° SYSTEMS GET YOU THERE SAFELY AND QUICKLY.

3M* Opticom* Priority Control Systems clear intersections to get first responders to the scene fast. By providing signal priority for emergency vehicles at the intersection, Opticom priority control systems can improve response time by an average of 20% and also help to reduce intersection accidents. To request a 3M* Opticom* Priority Control Systems informational DVD, visit www.3M.com/opticom or call 1-866-839-0122.



- Scope of participating Hampton Roads communities.
- List of Approved Standard Equipment
- Operating and Deactivation Requirements

- Equipment Standards
 - Card Rack Opticom Model 760
 - Phase Selector Opticom Model 752 or 754
 - Optical Detector Opticom Model 711,721 or 722
 - Detector Cable Opticom Model 138
 - Vehicle Emitter Opticom Model 792

- Policy on coding scheme maintenance: Coding use will be a voluntary participation element by all communities. Each community to deactivate and remove any emitters that are now longer in official use.
- Each Community to assign vehicle IDs within assigned range
- Additional funding sources on a Regional basis will be sought for the following items:
 - Additional equipment for upgrading existing signals and fire apparatus.
 - HRPDC Staff to maintain the master file (funds needed to support this task)
 - Operational and maintenance equipment and training for system for community staffs.

- Proposal reviewed and endorsed by Hampton Roads Fire Chiefs Association on September 3, 2008.
- Proposal reviewed and endorsed by Hampton Roads Traffic Engineers on January 28, 2009.
- Proposal reviewed and endorsed by the Hampton Roads Transportation Operations Working Group (HRTO) on February 10, 2009.
- Proposal reviewed and endorsed by Hampton Roads Transportation Technical Committee on April 1, 2009.

Approve standardized equipment and operating protocols for Emergency Vehicle Traffic Signal Preemption