



***Vehicle Probe Project
Presentation to:
Maine and Connecticut
DOTs***



Background

- Multi-state traffic monitoring project
 - RFP developed starting in 2006
 - Based on vehicle probe technology
 - Includes freeways and arterials
 - RFP Released 4/27/2007
- Traffic speed and travel time data service
 - A three year initial project
 - Options to extend up to an additional 7 years (10 year total)
 - Individual members can purchase additional coverage, consulting services and extend project duration



Objectives

- To acquire travel times and speeds to support the dissemination of travel information using:
 - 511 & websites
 - Travel time on signs
- Support of ICAT and ISN
- Support management of major incidents
- Provide data to members for planning, engineering and operations
- Provide a contract vehicle for expansion of traffic monitoring coverage
- Support regional performance measurement



Technical Specs & Details

- Travel Time and Speed Data
 - Maximum average absolute error of 10 MPH in each of the following speed ranges: 0-30 MPH, 30-45 MPH, 45-60 MPH and > 60 MPH (space-mean-speed)
 - For flows exceeding 500 VPH
 - Maximum latency of 8 minutes
- INRIX ...
 - Provides update every five minutes
 - Based primarily on fleet GPS data, though any source data can be integrated
 - INRIX also includes an expected/predicted speed based on historical data



Data Rights and Data Licensing

- Vendor Retains Ownership of Data
- Coalition and Member Organizations
 - Full Rights for all internal applications
 - Access to Data Archive
 - External apps supported
 - Travel time on CMS, Web, 511
 - Limits on granularity of data displayed
- See section 6.0 of RFP



Timeline

- History
 - RFP released : 4/27/2007
 - Received proposals : 6/22/07
 - Proposal evaluation : 8/07 – 11/07
 - Recommendation for award : 11/6/07
 - Contract award : 12/14/07
- Projected Implementation
 - NTP (initial task order) : 2/1/08
 - Core System Data Available : 7/1/08
 - Accuracy evaluation complete : 10/1/08

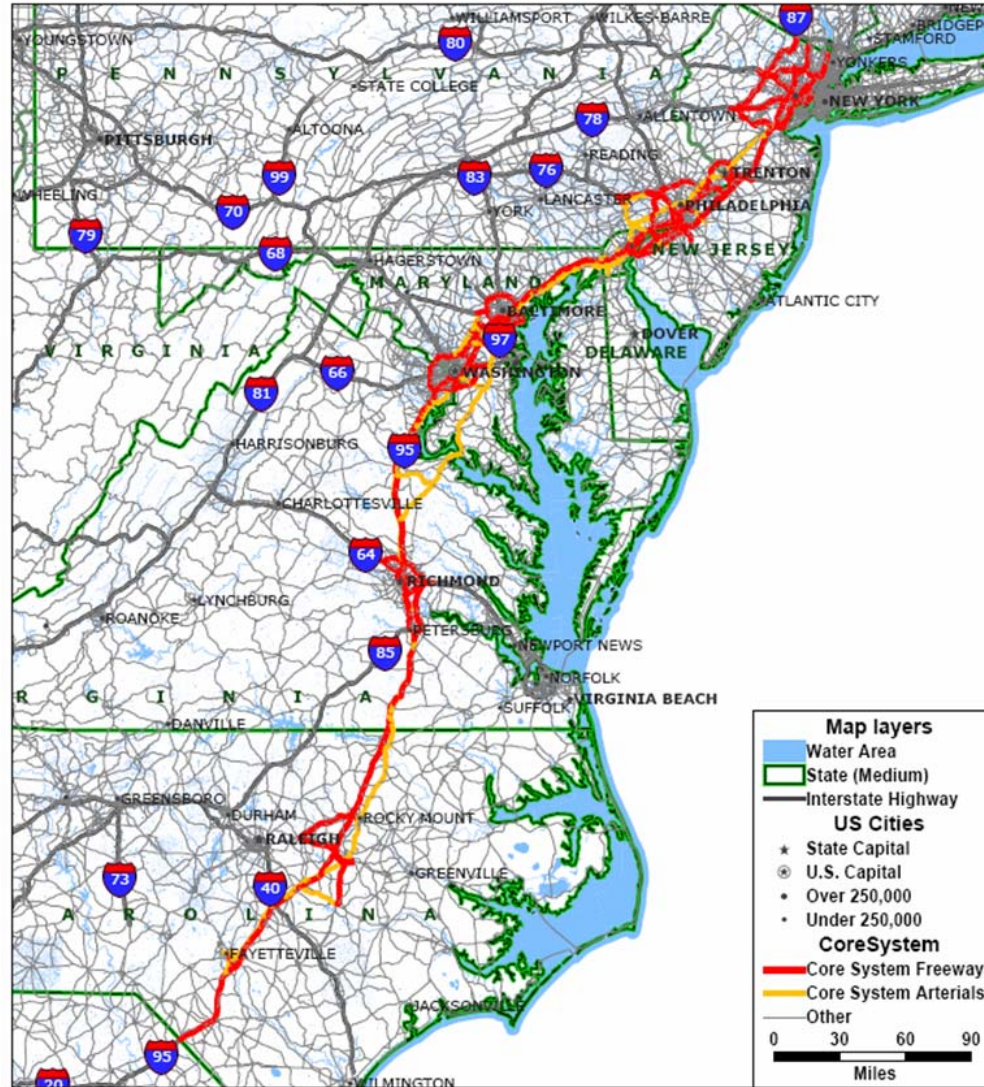


Network Coverage Summary

- Initial Coverage
 - ~1500 miles of Freeway, ~1000 Arterials
 - Spans New Jersey to North Carolina
 - Results of member survey
- Expansion of Coverage
 - States can utilize contract to expand coverage
 - Implemented through task orders
 - Coordinate through University of Maryland
 - Consulting services also available



Initial Network Coverage





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Thank You



**I-95 CORRIDOR
COALITION**