



I-95 CORRIDOR
COALITION

Vehicle Probe Project Team Web Conference

April 2, 2008



Introductions and Meeting Purpose

- Webcast does and don'ts
- Roll call
- Meeting Purpose
 - Project Update
 - Required Actions



AGENDA

Introductions and purpose for the meeting	Bill Stoeckert
NDA with the University of Maryland	Stan Young
INRIX Status report	Rick Schuman
Road link color coding	Rick Schuman
Data use/licensing	Bill Stoeckert
Project Team/Member Password Protected website	Bill Stoeckert
SAFE TRIP-21	Bill Stoeckert
Year 17 Projects	Karen Jehanian
Coverage and Application Status	All



NDA with the University of Maryland

- All participants must sign and return the Non-disclosure Agreement
- This will be required to gain access to the documents on the password protected site



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INRIX Status Report

- Coverage
- Documentation
- Monitoring Site



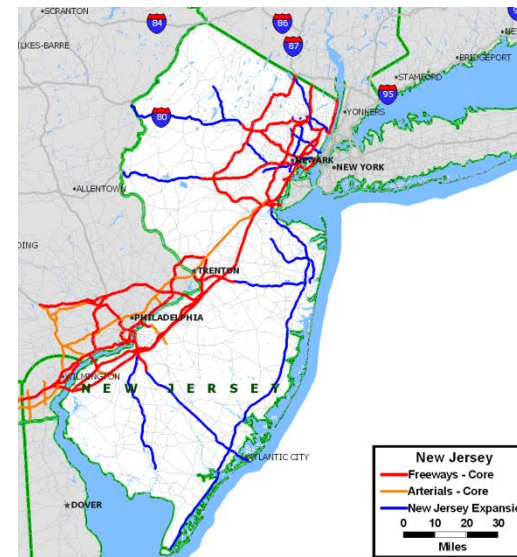
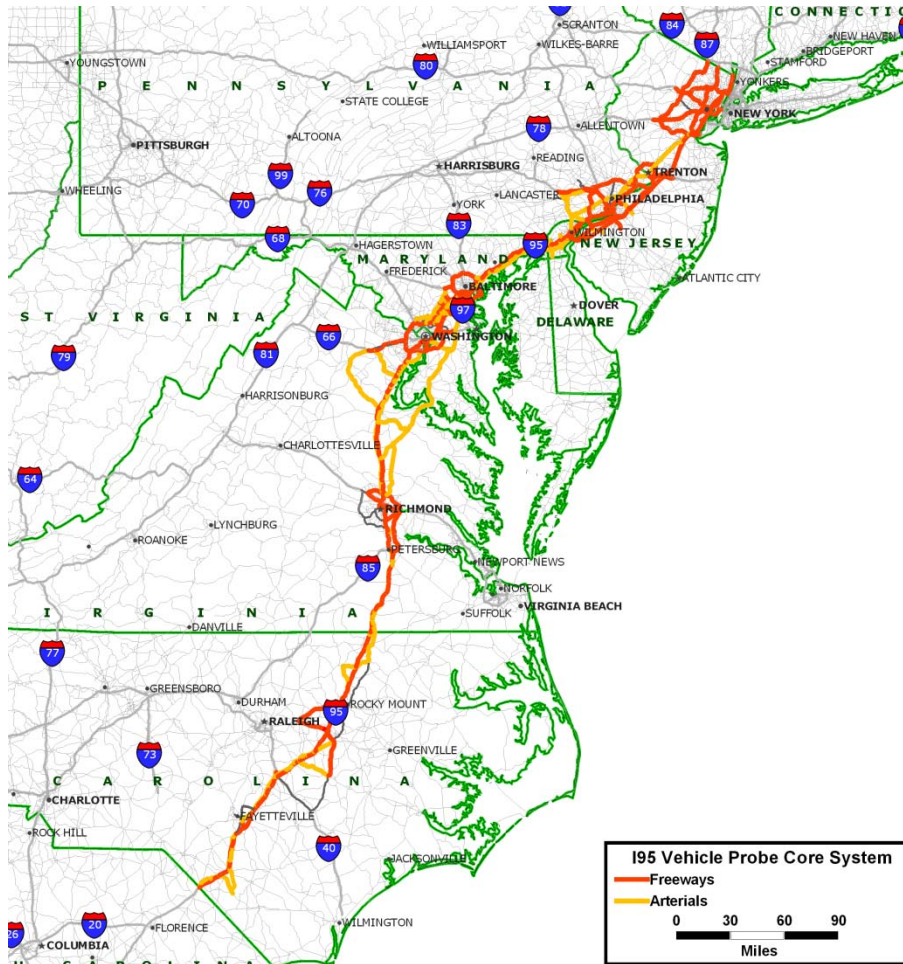
Coverage

- Core Coverage desired to be concluded this week
 - Freeways AND Arterials
 - Thanks Stan and agencies!
- INRIX review of complete coverage TMC coding ongoing
 - Potential for some TMC issues – particularly new roads and arterials
 - Will review with UMD as soon as analysis is complete
- Expansion coverage – can include in 7/1 release if received by April 30
 - May be possible to include if later date, but April 30 is definite



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Latest Coverage Drafts



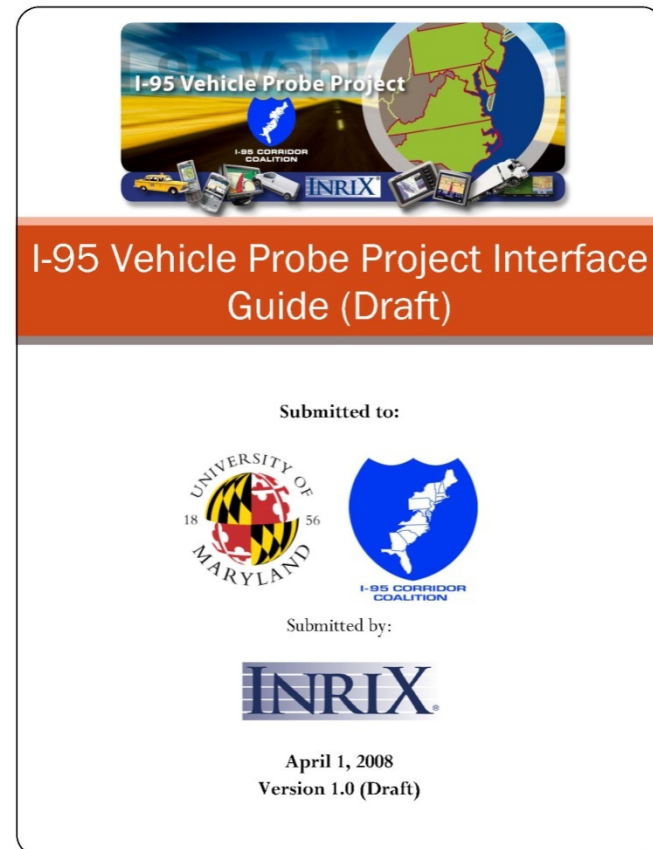
Initial Estimate of TMC Codes

State	Freeway	Arterials
VA	692	191
PA	365	348
NJ	1386	163
NC	354	235
DE	94	129
MD	879	702
Total	3770	1768



Project Interface Guide

- Draft delivered 4/1 (yesterday)
- Major Sections
 - Data Access
 - Data Format
 - Location Referencing
- Will review with UMD/Coalition before finalizing
 - NJDOT site visit may assist
- Possible webinar once finalized
 - Interest?

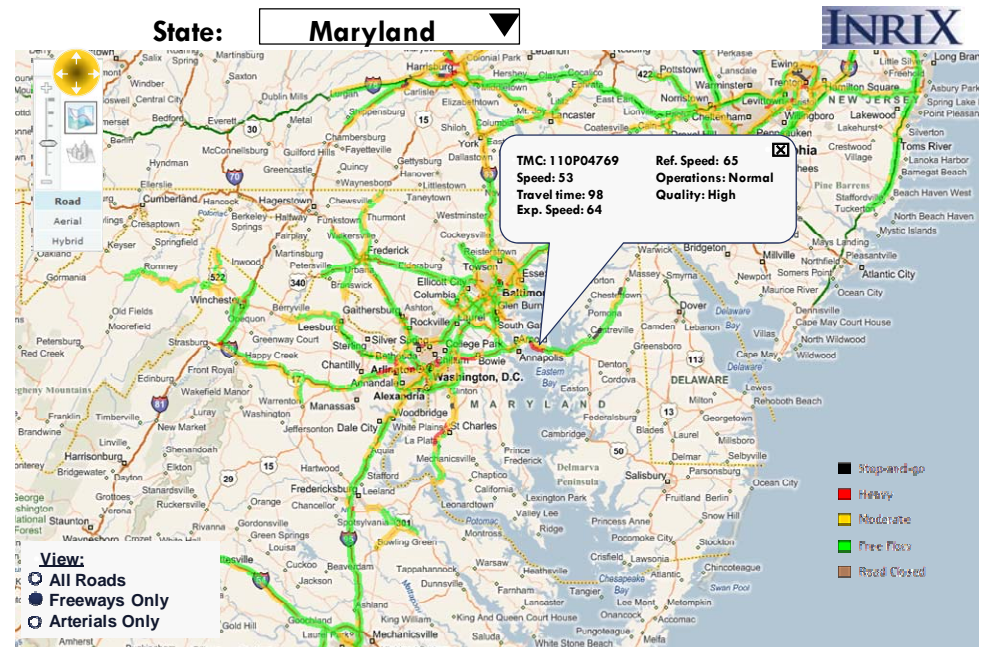




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Monitoring Site

- Agency accessible site to view data
 - Not public web site
- Design/Build underway
 - Demo @ Annual Meeting
 - Live on July 1 with data
- Usual pan/zoom features
- Color-coded links w/ pop-up bubble for details
 - Segment colors an issue
 - *Need direction today/ASAP*





Road Link Color Coding

- Big Picture Options
 - Relative Speed
 - Compare real-time data to reference (free flow) speed for each segment
 - Establish n bins based on ranges of % of reference speed
 - A benefit: Tends to highlight only “congestion” even on arterials where slow speeds might not equal congestion
 - Absolute Speed
 - No comparison to reference speed
 - Establish n bins based on absolute ranges of speed



Road Link Color Coding

- Current INRIX Approach – 4 bin relative speed
 - 4 colors – based on % of computed reference speed (85th percentile of all data for that segment – capped at 65 MPH)
 - Ranges in table below
 - Based on color/scheme used by Washington State DOT

Speed Range*	Color	Description	Example**
0 – .31RS	Black	Stop and Go	0 – 18
.31RS - .62RS	Red	Extremely Slow	19 – 37
.62RS - .92 RS	Yellow	Slowing	38 – 55
.92RS	Green	Wide Open	56 and over
Manual Override	Brown	Road Closed	NULL

* as a % of Reference Speed (RS)

** Based on RS = 60 MPH



Road Link Color Coding Options

- Relative Speed
 - Option 1 – Current INRIX Approach (4 colors)
 - Option 2 – (3 colors):
 - 0-.33RS, .33-.67RS, .67RS and above
- Absolute Speed
 - Option 3 – Any coalition derived approach
 - # of colors, ranges, colors
 - However
 - Must be same for all roads in project
 - Could add schedule risk to monitoring site delivery



Data Use/Licensing

- Updating Section 6 of RFP
- Incorporating clarifications/suggestions from INRIX proposal
- Aim:
 - Eliminate granularity limitations placed on agencies for their travel info apps – full agency use rights
 - Clarify no automated redistribution to 3rd parties
 - Includes copyright language to allow INRIX to pursue firms if/when they screen scrape from agency sites/systems to conduct commercial business to a “material” degree



Project Team/Member Password Protected Website

- Password protected site is now available
 - repository for documents falling under the NDA
- Discussion on site control
 - Single password
 - Password will be changed periodically



SAFE TRIP-21 BAA Public Web Site Proposal

- RITA Solicitation
- Demonstrate VII-like applications
 - Focus on World Congress (Nov 08 – New York City)
- Coalition proposed:
 - Public web site for project
 - Temporary coverage expansion to NY and CT
 - Operational on 10/1/08
 - Operational for 2 years
- Rationale
 - Current project is VII-like probe demo
 - Proposal puts a visible front-end to the project – leverages investment
- RITA to make decisions by end of April





Year 17 Projects

- Use of Archived Probe Data
 1. Ease of use compared with point source data
 2. Ability to capture/draw trends
 3. Travel Time Predictability
 4. Measuring the effect of incidents



Year 17 Projects cont'd

- Provide Corridor-wide Information at Airports
 - Follows on either BWI or PHL Airport information projects
- Develop KML Translation



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Coverage and Application Status

- Agency updates on their respective status
- Issues/obstacles



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Action Items

- **Initiate processing of NDA**



Questions?

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- Rick Schuman at 407.298.4346 or rick@inrix.com