

Project S-03

Roadway Measurement System Evaluation - Project Update

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S-03 Research Team



Project Accomplishments

- Rodeo Web Site Created
(www.s03rodeo.com)
- Rodeo Data Elements List Created
- Rodeo Test Site Selection Criteria Developed
- Rodeo Location and Base of Operations Determined
- Rodeo Specific Test Sites Selected.
- Rodeo Survey Loops Developed.

Project Activities Underway

- Registering Rodeo Participants
- Collecting Test Site Reference Data Sets.
- Reviewing and Finalizing Rodeo Data Evaluation Procedures
- Finalizing Experiment Design & Data Collection Plan
- Preparing for Rodeo

Rodeo Data Elements

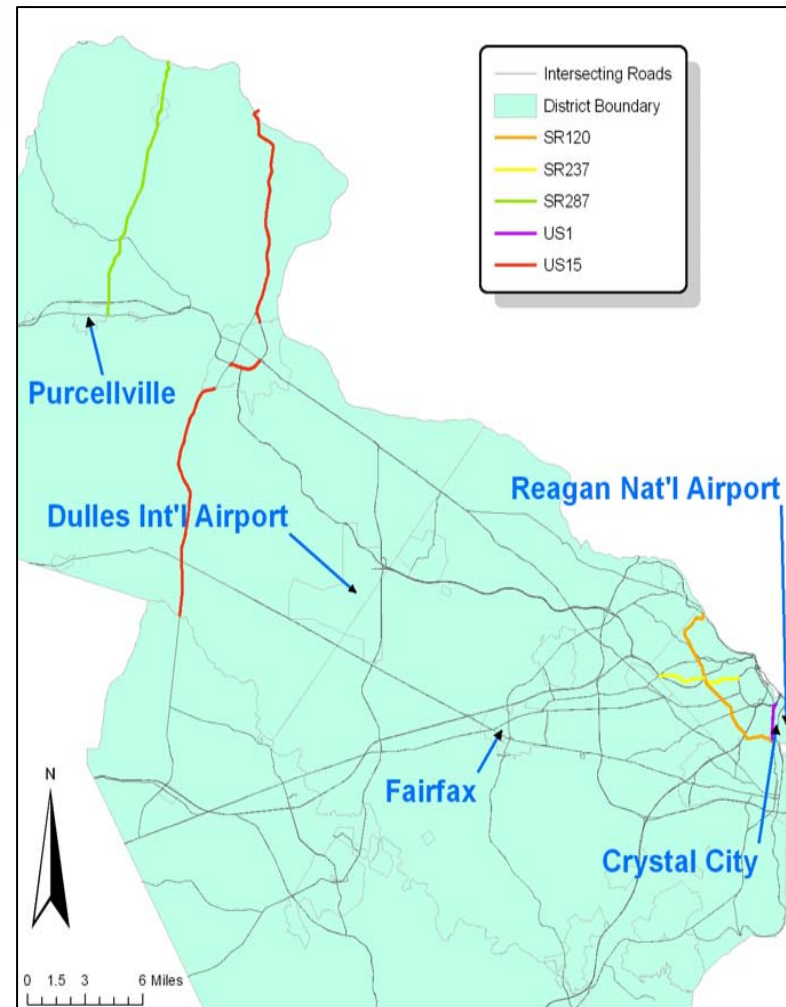
- Developed Universal Data Elements list from the original RFP Appendix A list with input from the Safety TCC, SHRP Researchers & MMIRE Data Elements
- Prioritized through input from Safety TCC, SHRP Researchers, Research Team & Safety Benefit analysis (countermeasures & crash reduction)
- Resulting list currently contains 25 roadway features with a total of 113 attributes, or data elements.
- Participants may not be able to collect all of the data elements.

Rodeo Test Site Selection Criteria

- Physical Characteristics
 - Terrain
 - Land use
 - Cover
 - Roadway type
- Logistical concerns – Rodeo support facilities
- Rodeo Data Elements List

Rodeo Location

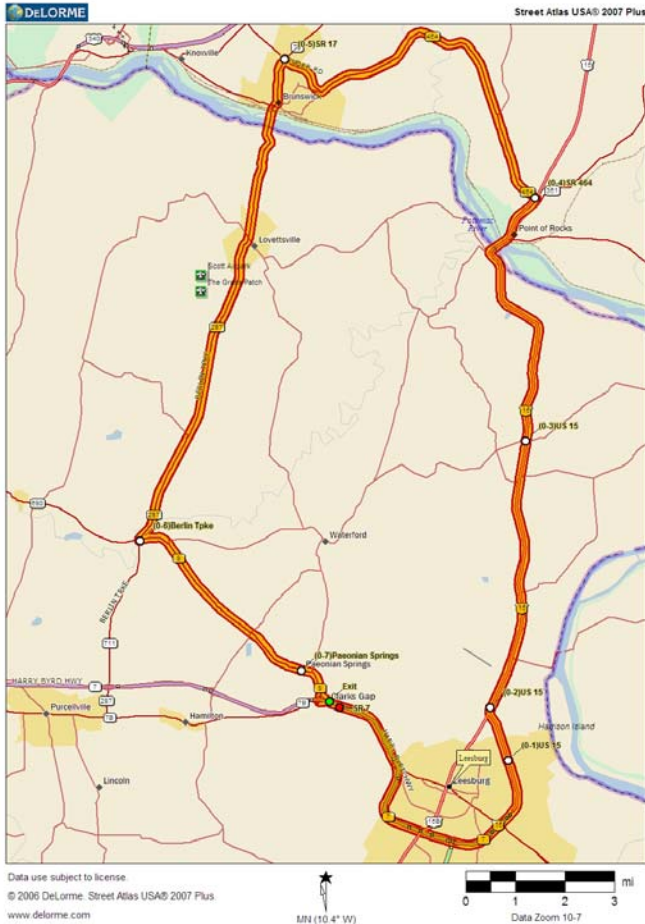
- Northern Virginia
- Rodeo Base of Operations
 - Comfort Inn - University Center, Fairfax, VA
- Two Survey Loops
 - Arlington area
 - Leesburg area



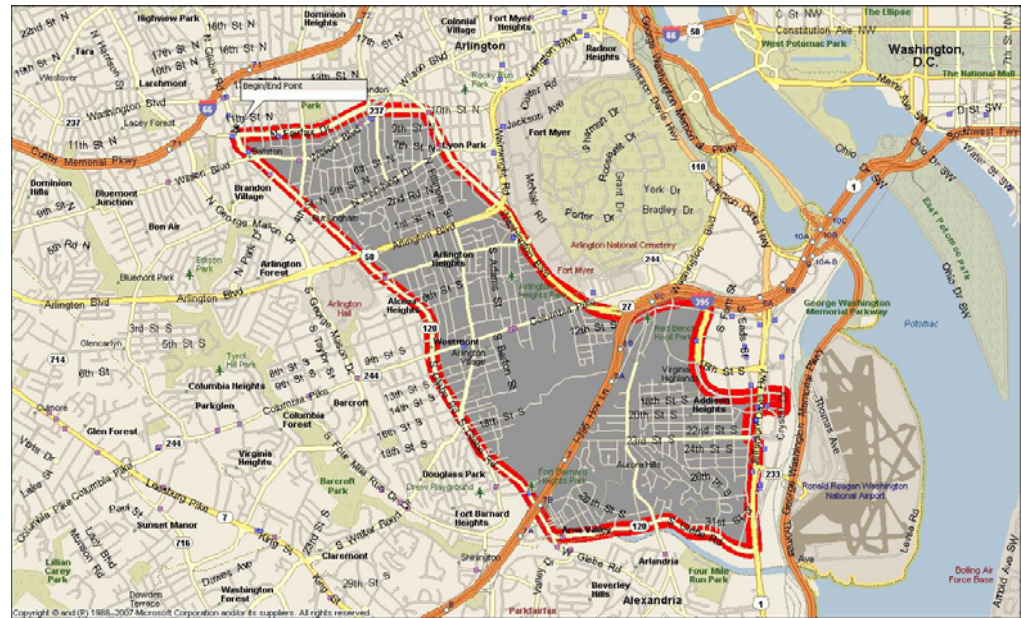
Test Sites Selected

- Identified seven, 2500-ft, directional, test sections which are contained within two survey loops
- The seven test sections will be used for detailed data analysis.
- Sections include multiple terrain, land use, cover and roadway types.
- Selected sections to include as many of the items from the Rodeo Data Elements List as possible.

Rodeo Survey Loops



Western Loop (43 miles)



Eastern Loop (11 miles)



Next Steps

- Complete Activities Currently Underway
- **Conduct Rodeo – Sept. 14-20, 2008**
- Analyze Rodeo Data
- Develop S-04 Data Elements List and Specifications
- Prepare & Deliver Data Evaluation Report
- Prepare & Deliver Project Final Report

Questions?

