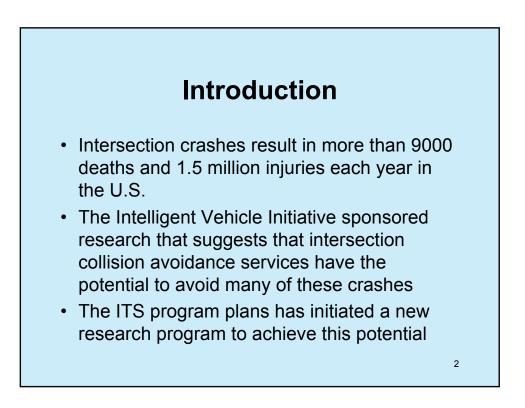
4. 付録 (APPENDEX)

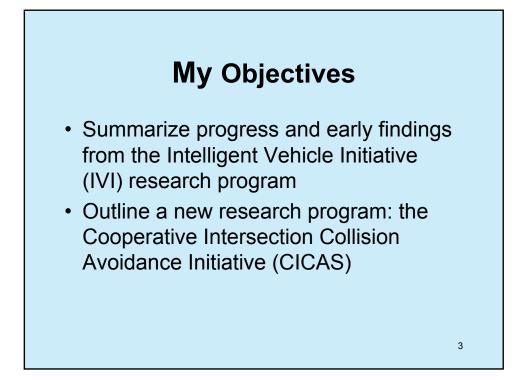
4.1 ITSの近況 (Exchange of Information on Recent ITS Activities) :U.S.A.

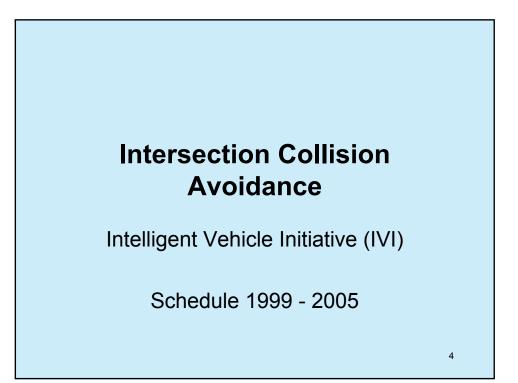
Plans for Intersection Collision Avoidance Research and Development

U.S. – Japan ITS Workshop Nagoya, Japan October 19, 2004

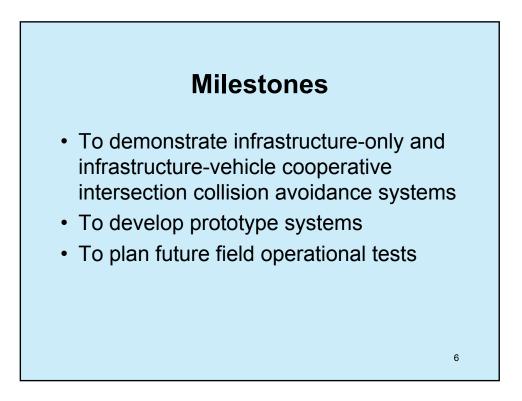
Robert Ferlis Federal Highway Administration



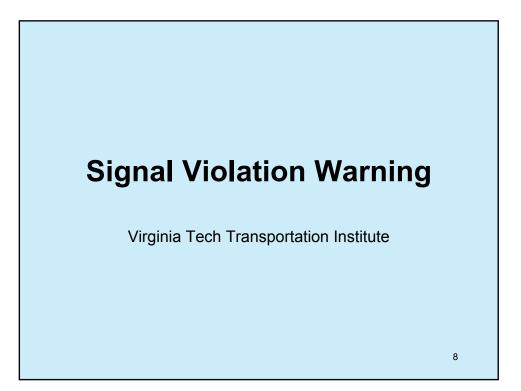








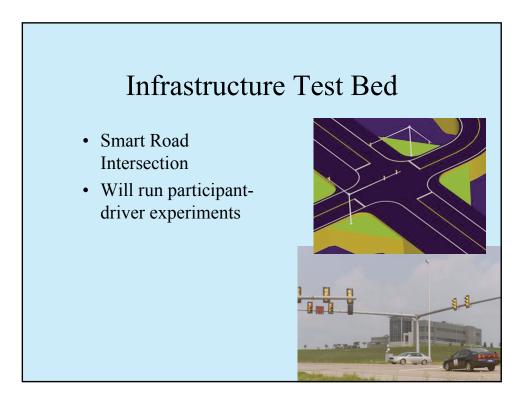


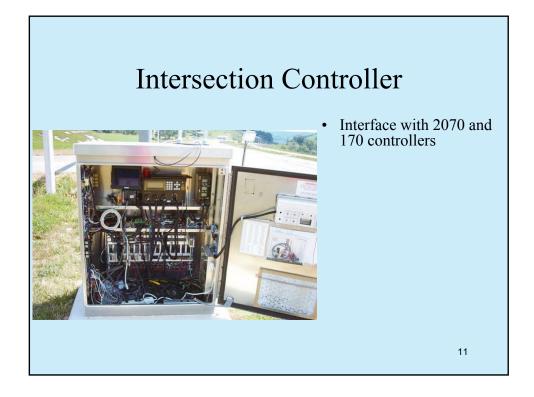


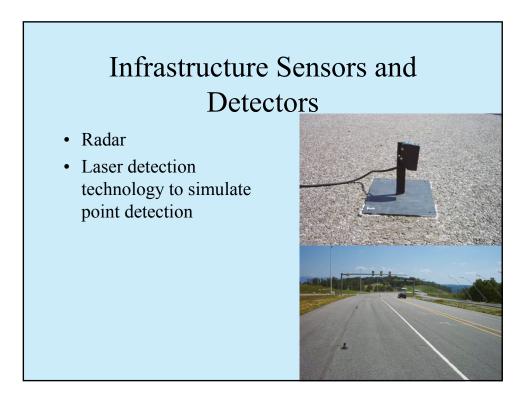
Signal and Stop Sign Violation Warning Application

- Objective is to develop systems to avoid crashes due to signal and stop sign violations
- VTTI has developed an over-performing test bed

- Test bed will support architectures for:
 - Infrastructure only
 - Infrastructure-vehicle cooperative
 - Totally vehicle based



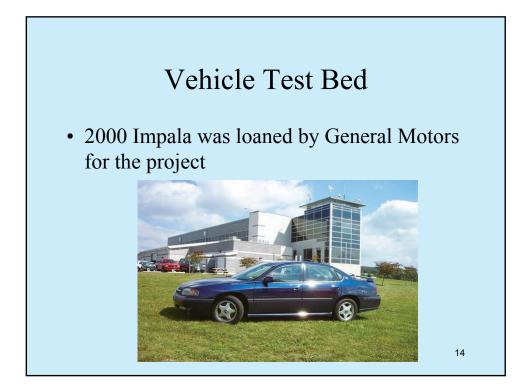


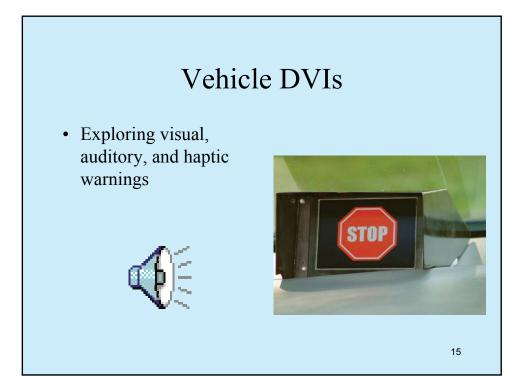


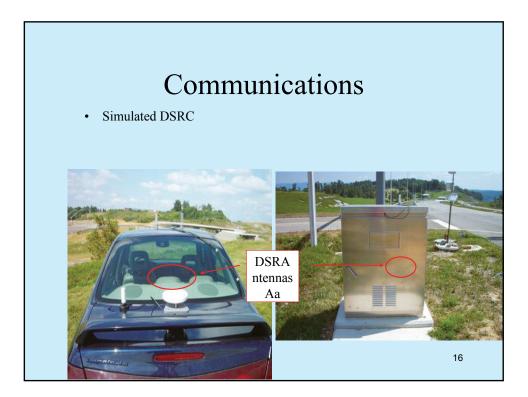
Infrastructure DIIs

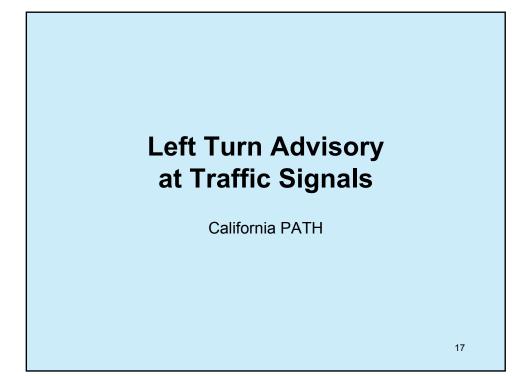
- Visual via external signs
- Haptic to simulate an intelligent rumble strip

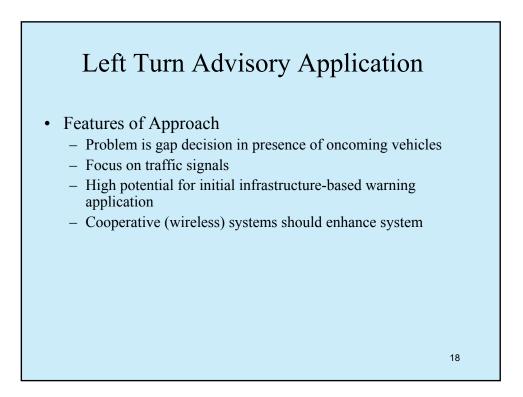






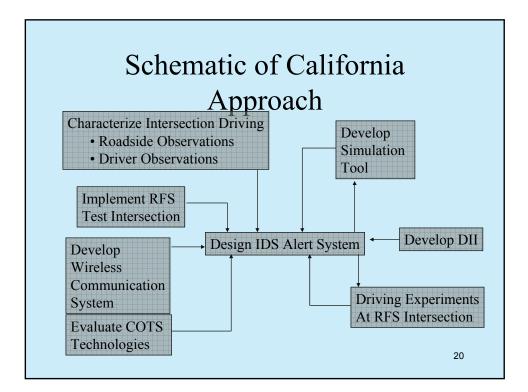


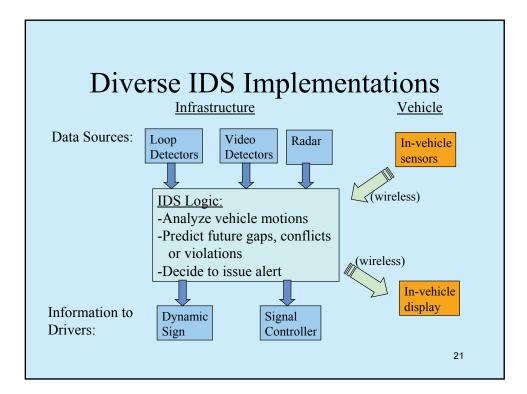


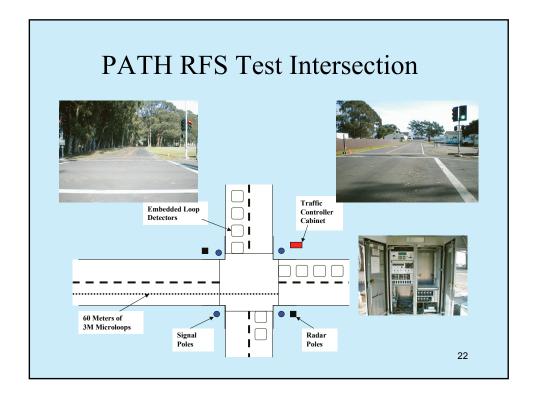


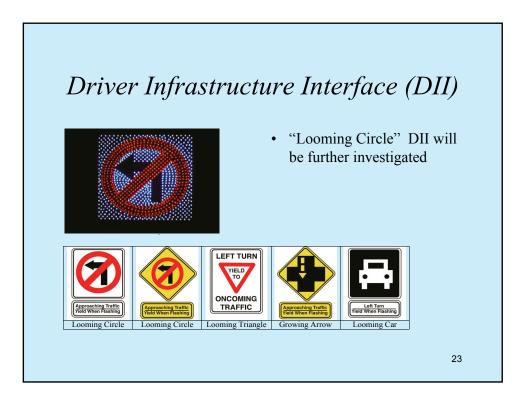
Definition: Left Turn Across Path / Opposite Direction (LTAP/OD)



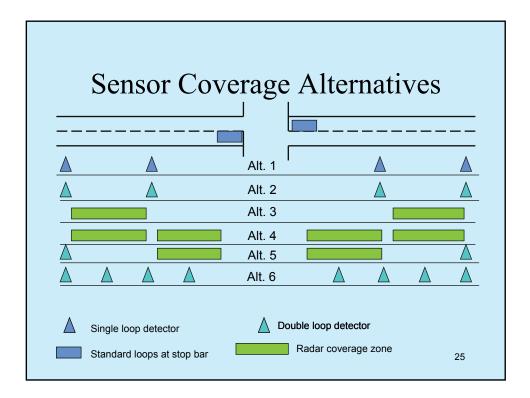


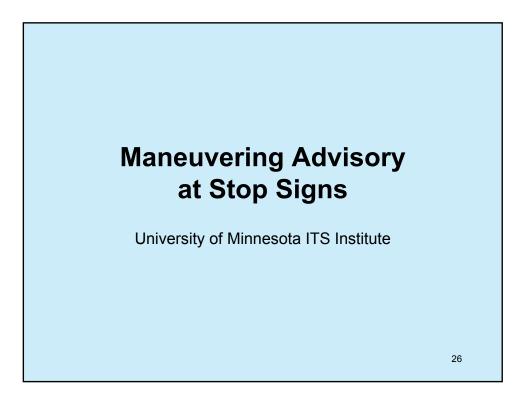


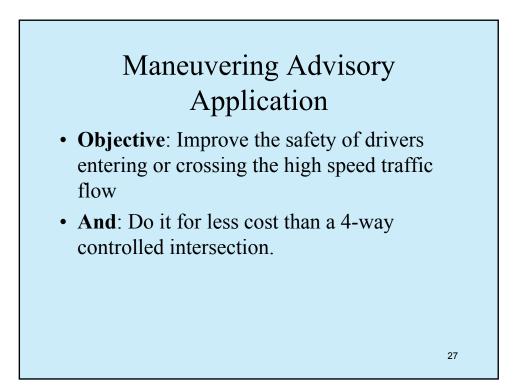


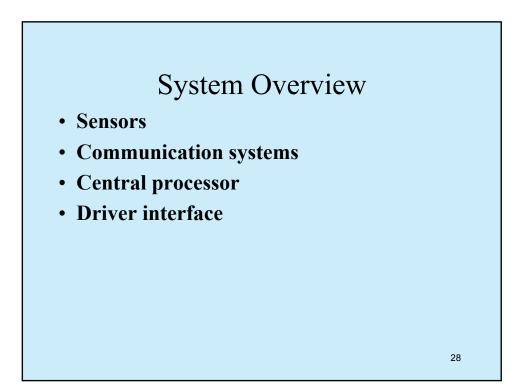


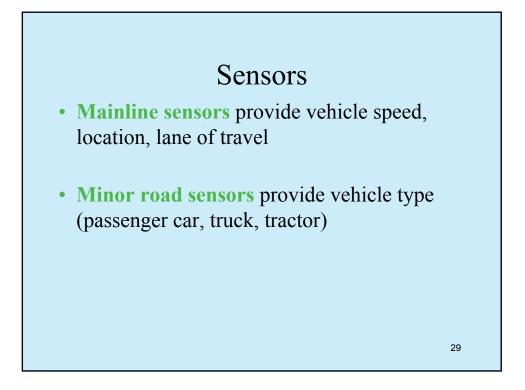


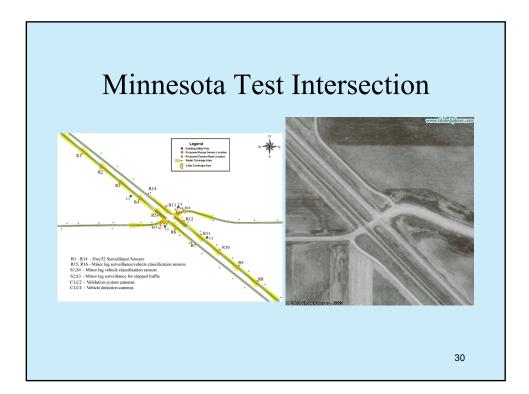


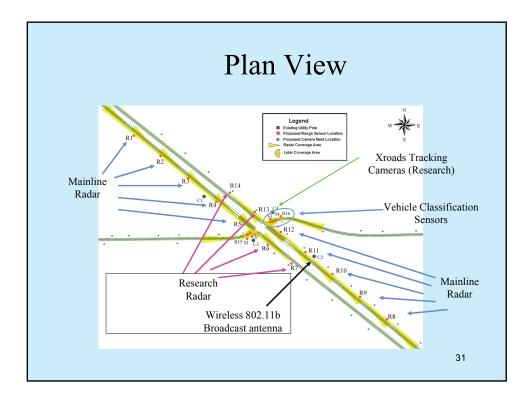


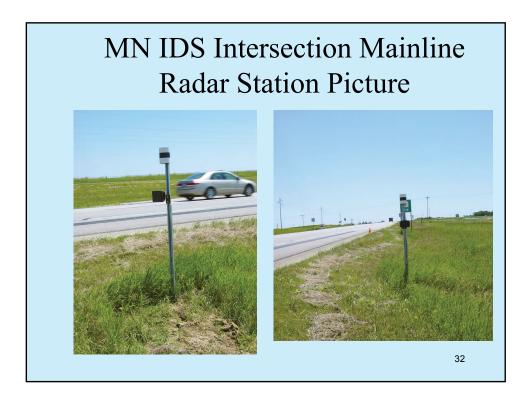


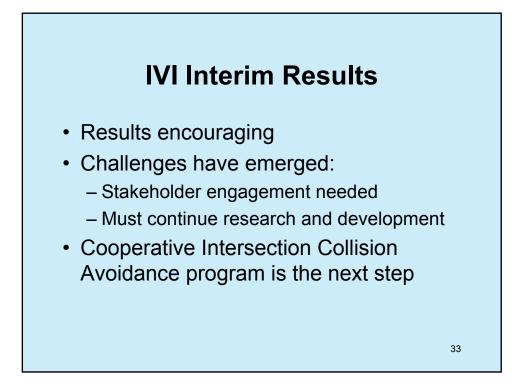


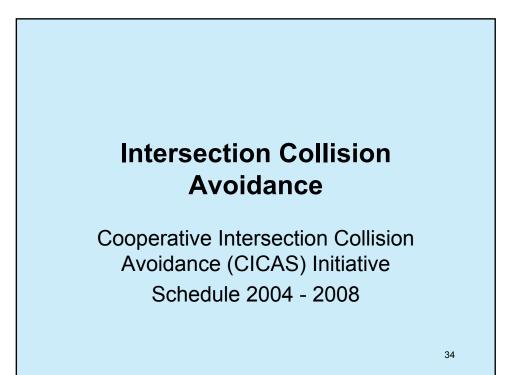




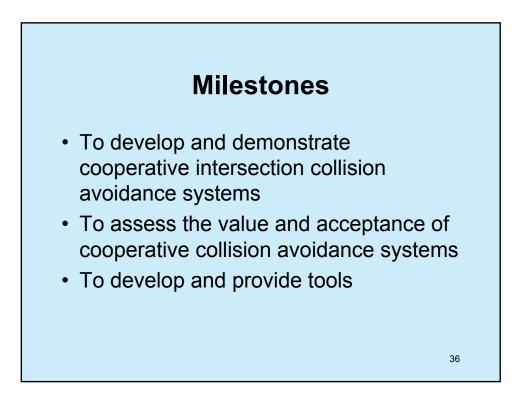


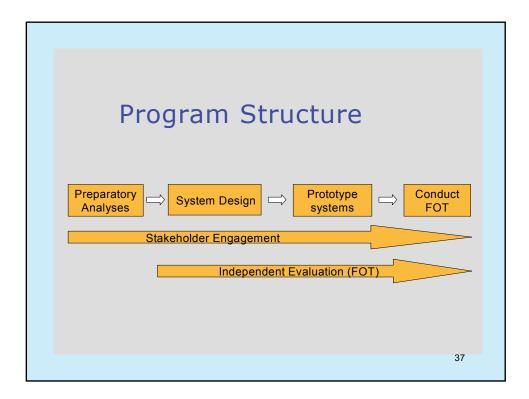


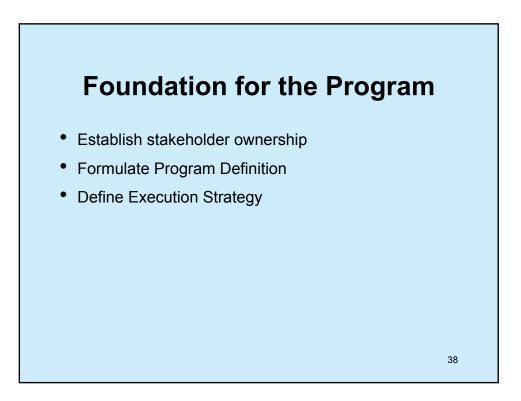


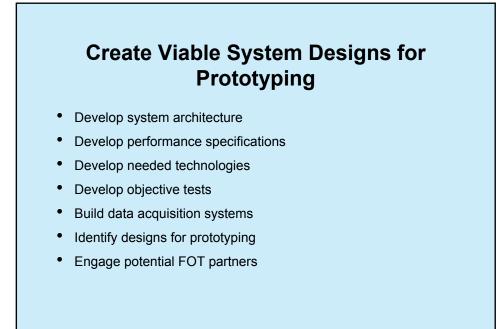


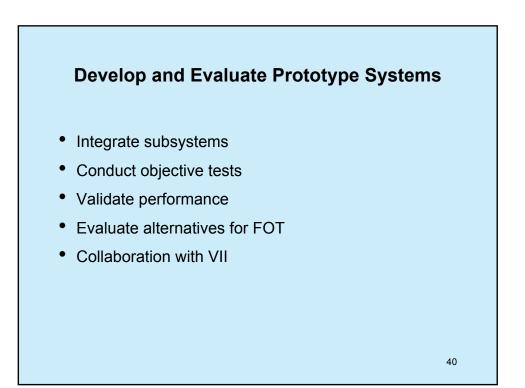












Demonstrate and Quantify Effectiveness

- Identify FOT partners and locations
- Build FOT ready systems
- Craft evaluation strategy
- Develop analysis methods
- Install systems
- Conduct tests
- Analyze data

