

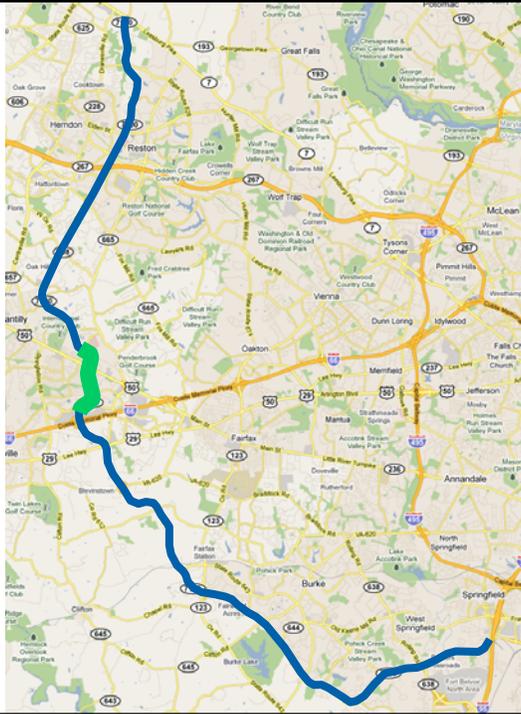
**Fairfax County Parkway
Franconia-Springfield Parkway
Traffic Safety Study**

February 23, 2011



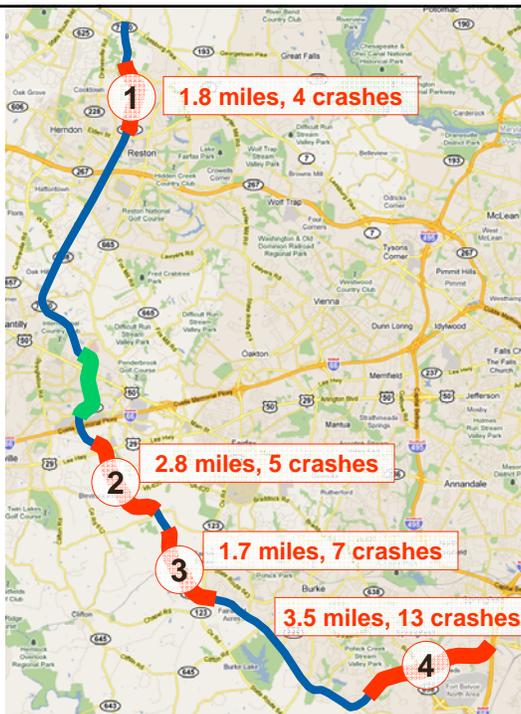
Study Area

- 28.3 miles
- Speed limit: 50 mph
- 52 intersections
 - 30 signalized
 - 19 unsignalized
 - 3 crossovers
- 50,000 – 80,000 vehicles per day
- Excludes Fair Lakes Parkway area



Crossover crashes

- From 2007 – 2009:
- 36 crossover crashes
 - 33 injury crashes
 - 3 fatal crashes
- 4 crash clusters: Account for 29 of 36 crashes



Median Barrier: Pros and Cons

- Reduces chances of crossing the median
- Reduces head-on crashes
- Does not reduce crashes
- May increase crashes:
 - Loss of recovery area
 - Can deflect vehicles back into travel lanes
 - Barrier is a hazard itself
- May impede sight distance
- Not effective near intersections

Stopping Sight Distance



Intersection Sight Distance

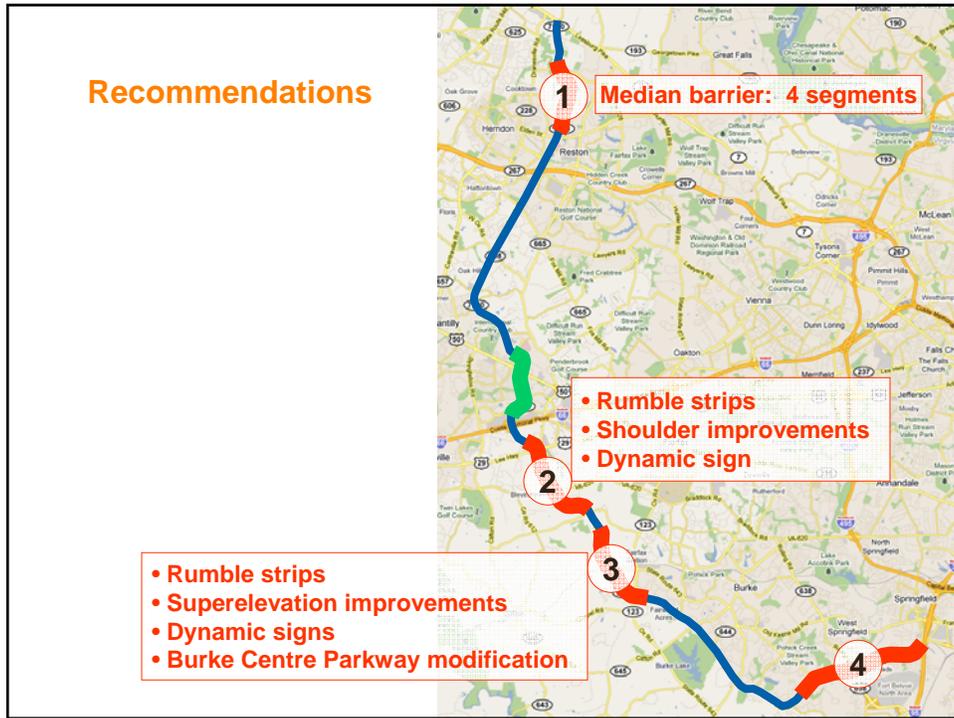


Other Measures Considered

- Left shoulder improvements
- Superelevation changes
- Intersection modifications
- Rumble strips
- Improved pavement markings
- Dynamic signal warning sign



Recommendations



Recommendations



Next Steps

- Median barrier: design underway, construction fall 2011
- Further consideration of Popes Head Road intersection
- Evaluating/seeking funds for other improvements
- Public reaction to Burke Centre Parkway idea

Questions?

Comments?

Suggestions?