

George Mason University – Braddock District Community Forum

Route 123 / Braddock Road Conceptual Interchange Study

INTERIM IMPROVEMENTS

Route 123

January 7, 2009



Braddock Rd.





Agenda



- ◆ Purpose of Today's Presentation
- ◆ Traffic Operations Summary
- ◆ Interim Improvements
- ◆ Next Steps
- ◆ Questions





Traffic Operations Summary



Existing Traffic Conditions

- ◆ Unacceptable level of service (LOS) for numerous movements
- ◆ Vehicle queues extend back through the adjacent intersections
- ◆ Thru traffic often requires more than one signal cycle to cross intersection
- ◆ Evening peak period is generally worse than morning peak period

2030 Future No-Build Traffic Conditions

- ◆ Route 123 / Braddock Road Intersection
 - Projected 40% increase in AM peak delay and 20% increase in PM peak delay
 - Excessive delays and extremely long queue lengths due to traffic growth





Interim Improvements



Near-Term Improvements with No Right-of-Way Impacts

- ◆ **Route 123 / Braddock Intersection**
 - Add 2nd left turn lane on NB and combine right turn lane with thru lane
 - Add 2nd left turn lane along SB approach
 - Extend EB left turn storage area
- ◆ **Braddock / Roanoke River Intersection**
 - Add separate SB left turn lane
 - Provide separate NB left turn lane and combine right turn lane with thru lane
 - Extend EB left turn storage area
 - Close WB left turn into western-most mall entrance
- ◆ **Significant reduction in delays at Roanoke River**
- ◆ **Minimal improvement at Route 123/Braddock**

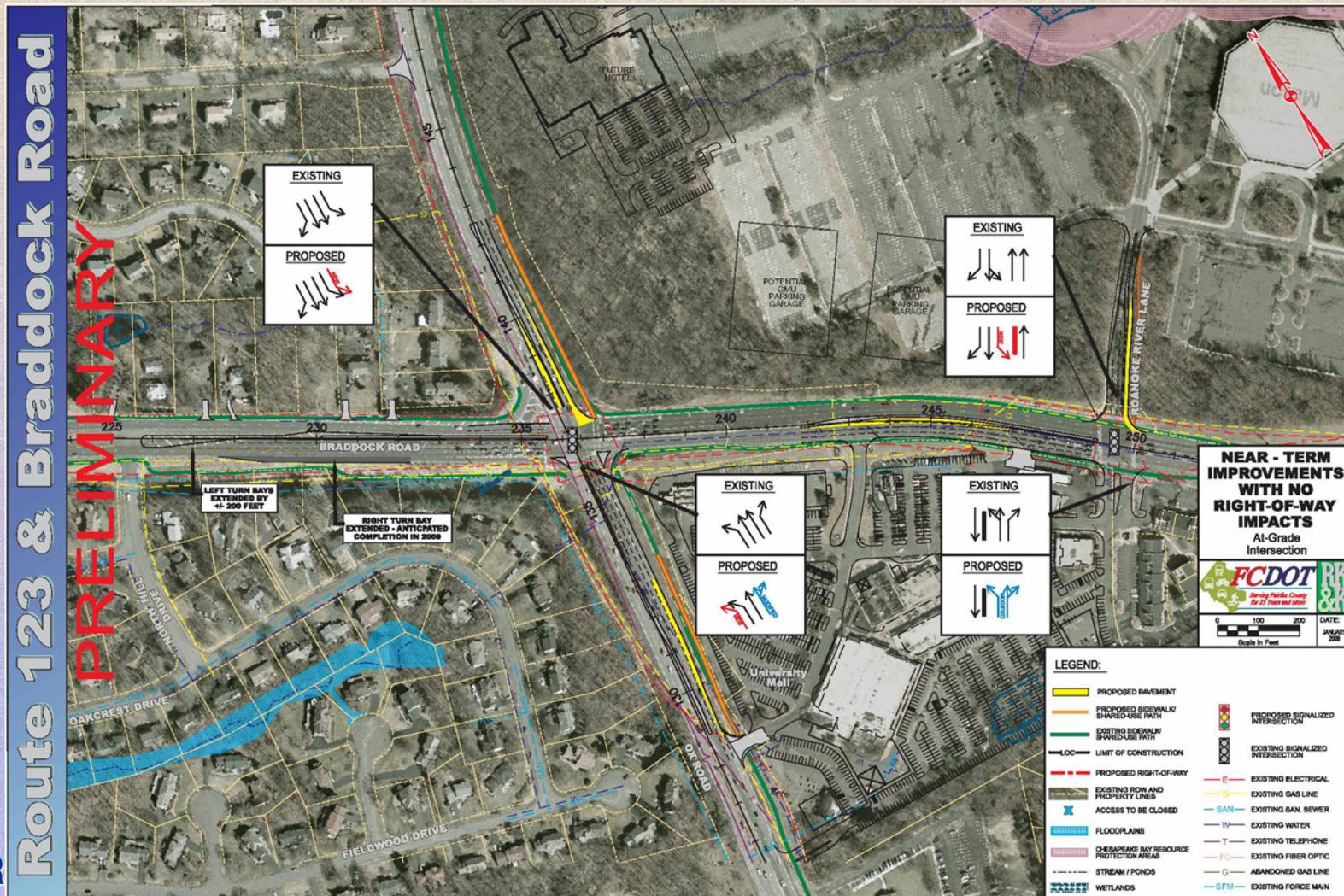




Interim Improvements



Near-Term Improvements with No Right-of-Way Impacts





Interim Improvements



Future Improvements with Right-of-Way Impacts

- ◆ **Route 123 / Braddock Intersection**
 - Add 3rd thru lane on all approaches
 - Add 2nd left turn lane along NB, SB, and WB approaches
- ◆ **Braddock / Roanoke River Intersection**
 - Add 3rd thru lane on EB and WB approaches
 - Add 2nd left turn lane on WB approach
 - Add separate SB left turn lane
 - Provide separate NB left, thru, and right turn lanes
 - Close WB left turn into western-most mall entrance
- ◆ **Significant reduction in delays at Route 123 / Braddock, but still LOS F with long queues**

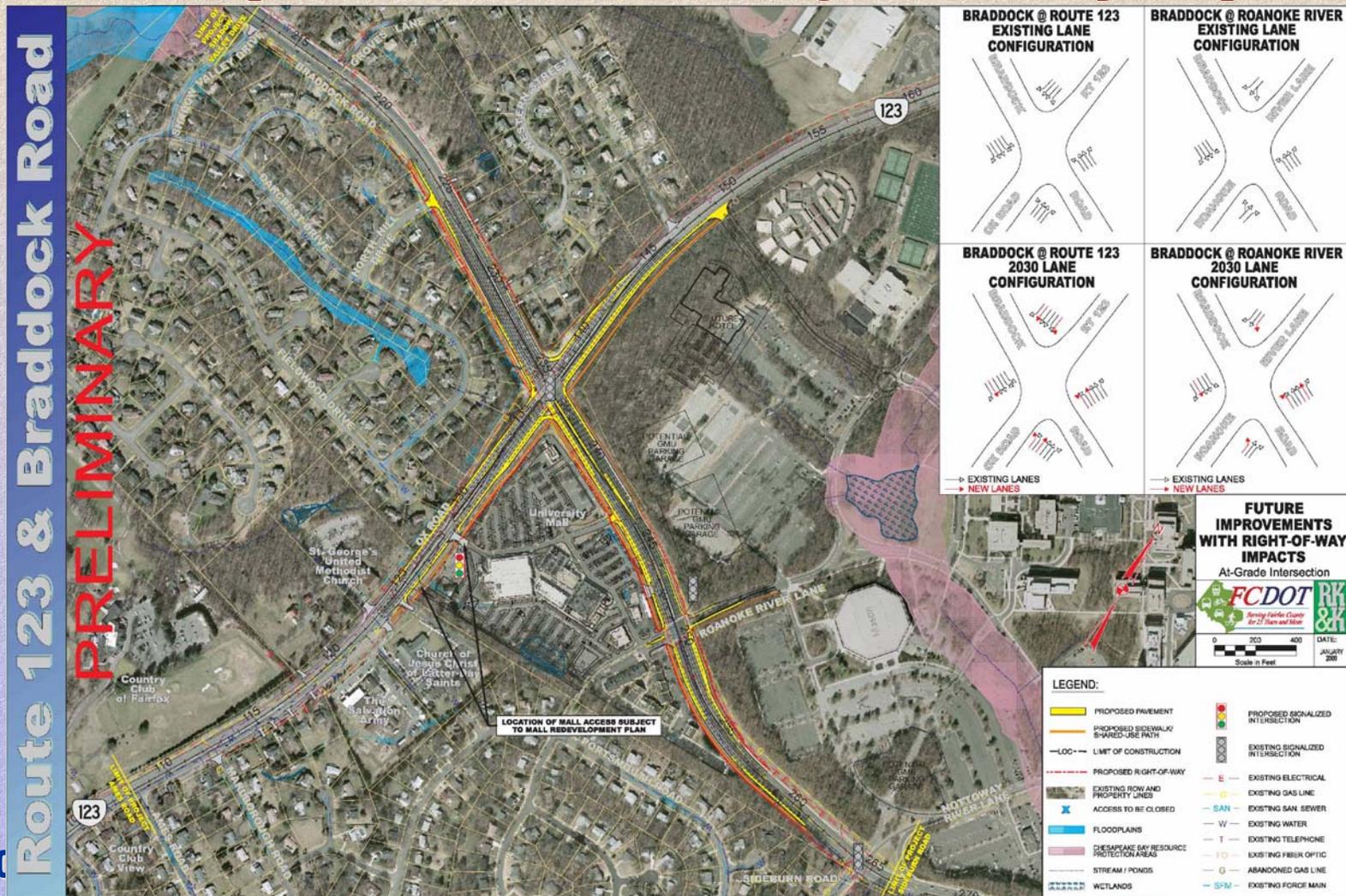




Interim Improvements



Future Improvements with Right-of-Way Impacts





Next Steps



- ◆ February 2009: Continue to Finalize Interim Improvements and Interchange Alternatives
- ◆ March 2009: Hold Public Meeting to Obtain Feedback on All Improvements
- ◆ April / May 2009: Review Public Comments and Evaluate Interchange Alternatives

www.fairfaxcounty.gov/fcdot/braddock_r123.htm

