Route 15 Congestion Report
(Battlefield Parkway to Whites Ferry Road)
Congestion Report

- Study Area – Battlefield Parkway to Whites Ferry Road/Raspberry Drive
- Existing Conditions, 2020, and 2040 Conditions
- Weekday AM and PM peak periods
Report Objectives

- Build upon previous studies
- Identify improvements to alleviate existing congestion
- Pursue lower cost and context sensitive solutions
Countywide Transportation Plan

Rural, 2-lane, north of Tutt Lane

Urban, 4-lane, south of Tutt Lane
Coordination To Date

- Board of Supervisors
- Town of Leesburg Staff and Council
- VDOT
- Journey Through Hallowed Ground
- Catoctin Coalition
- LCPS
- Bike Loudoun

1st Round of Public Input
June 26th Leesburg
July 8th Lucketts
July 15th Lucketts
Development of Recommendations

• 10 initial concepts analyzed
• Combined elements of concepts → refined alternatives
• Analyzed traffic for the refined alternatives
• Recommendations based upon traffic performance
Route 15 Congestion Report Conclusions

• Additional capacity (4-lanes) along Route 15 is necessary from Battlefield Parkway to north of Whites Ferry Road

• Intersection modifications at Whites Ferry Road and at King Street

• Consider a phased implementation to provide some congestion relief as soon as possible
Recommendations

- Widening to 4 Lanes
- Intersection Modification
King Street - Traffic Signal
King Street – Roundabout(s)
*Further study required
King Street – Grade Separation

All movements are free flow
Whites Ferry Road – Traffic Signal
Whites Ferry Road - Roundabout

All approaches yield
• Insert Bow-tie Roundabouts
Interim Phases

Phase 1: Northbound auxiliary lane between King Street and Tutt Lane

Phase 3: US Route 15/King Street intersection modification

Phase 2: Widening from Battlefield Parkway to south of the King Street merge

Phase 4: Widening to north of Whites Ferry Road and intersection modifications