

Route 15 Congestion Report Improvements

Board of Supervisors

Business Meeting

September 20, 2018



Decision Points

- Widening: Yes or No; and if Yes, limits of widening
- Intersection Improvement(s):
 - North King Street
 - Whites Ferry Road/Raspberry Drive
 - Montresor Road
- Limestone School Road: Should the road be realigned to connect to Route 15 at Montresor Road?
- Context Sensitive Design features

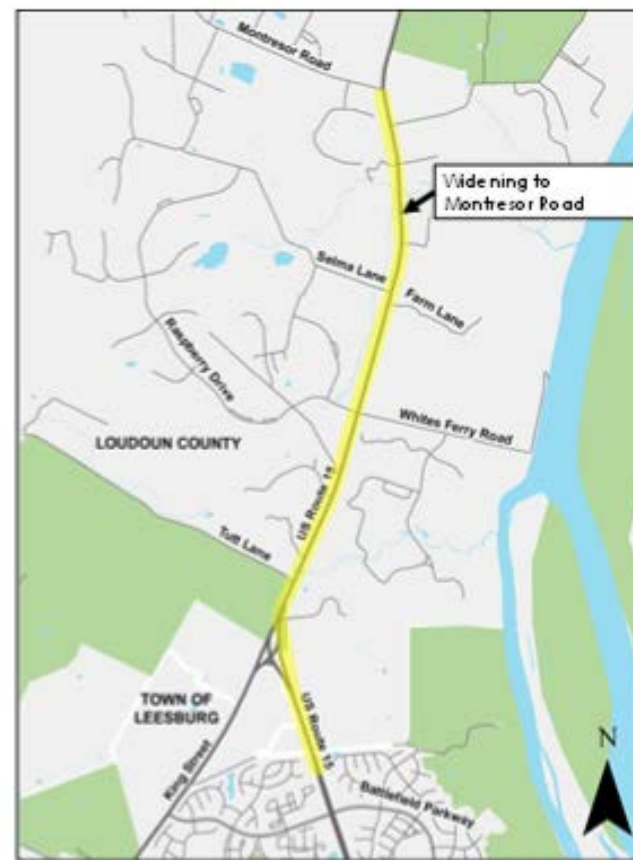


Extent of Widening on Route 15

**Battlefield Parkway to
2,000 feet north of Whites Ferry Road**

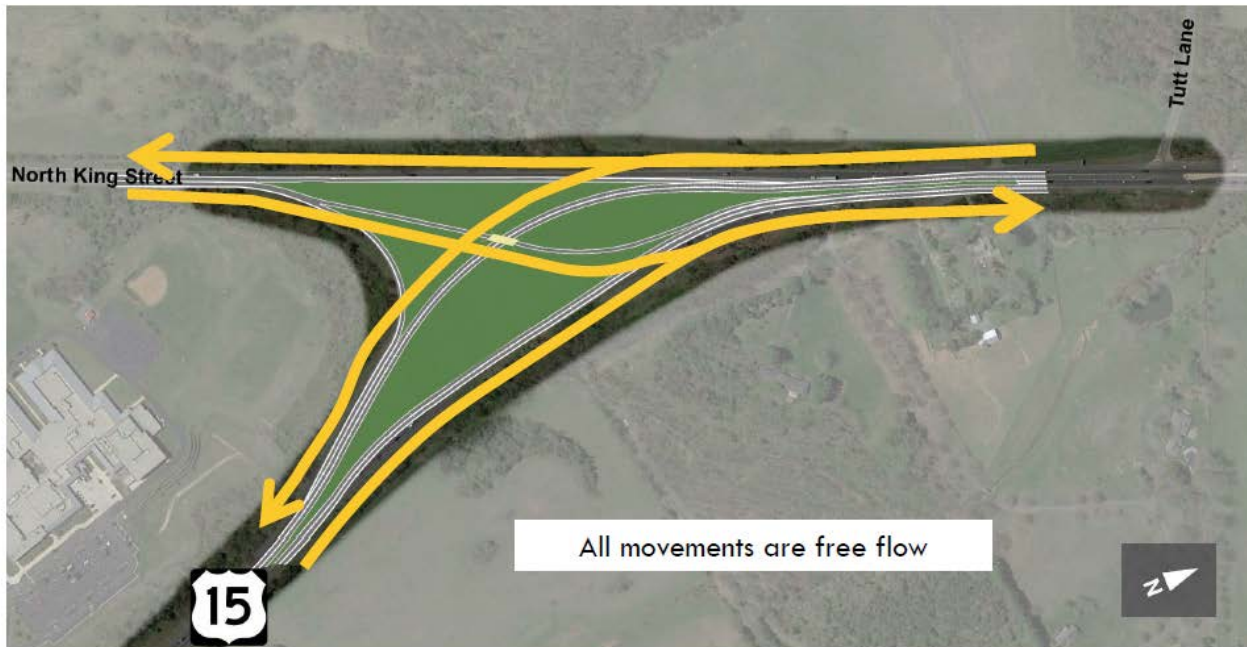


**Battlefield Parkway to
Montresor Road**

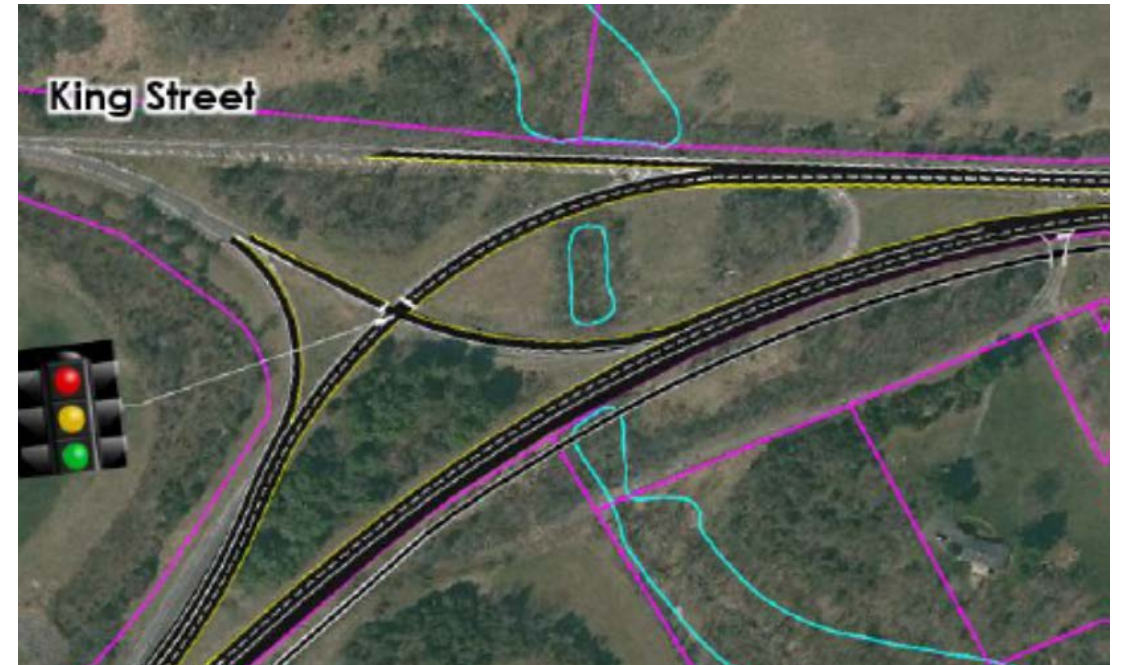


Route 15/North King Street Intersection Options

Flyover Ramp



Continuous Green-T Intersection



Route 15/Whites Ferry Road/Raspberry Drive

New signal to accommodate 4-lane median divided roadway



Route 15/Whites Ferry Road/Raspberry Drive

Two lane roundabout

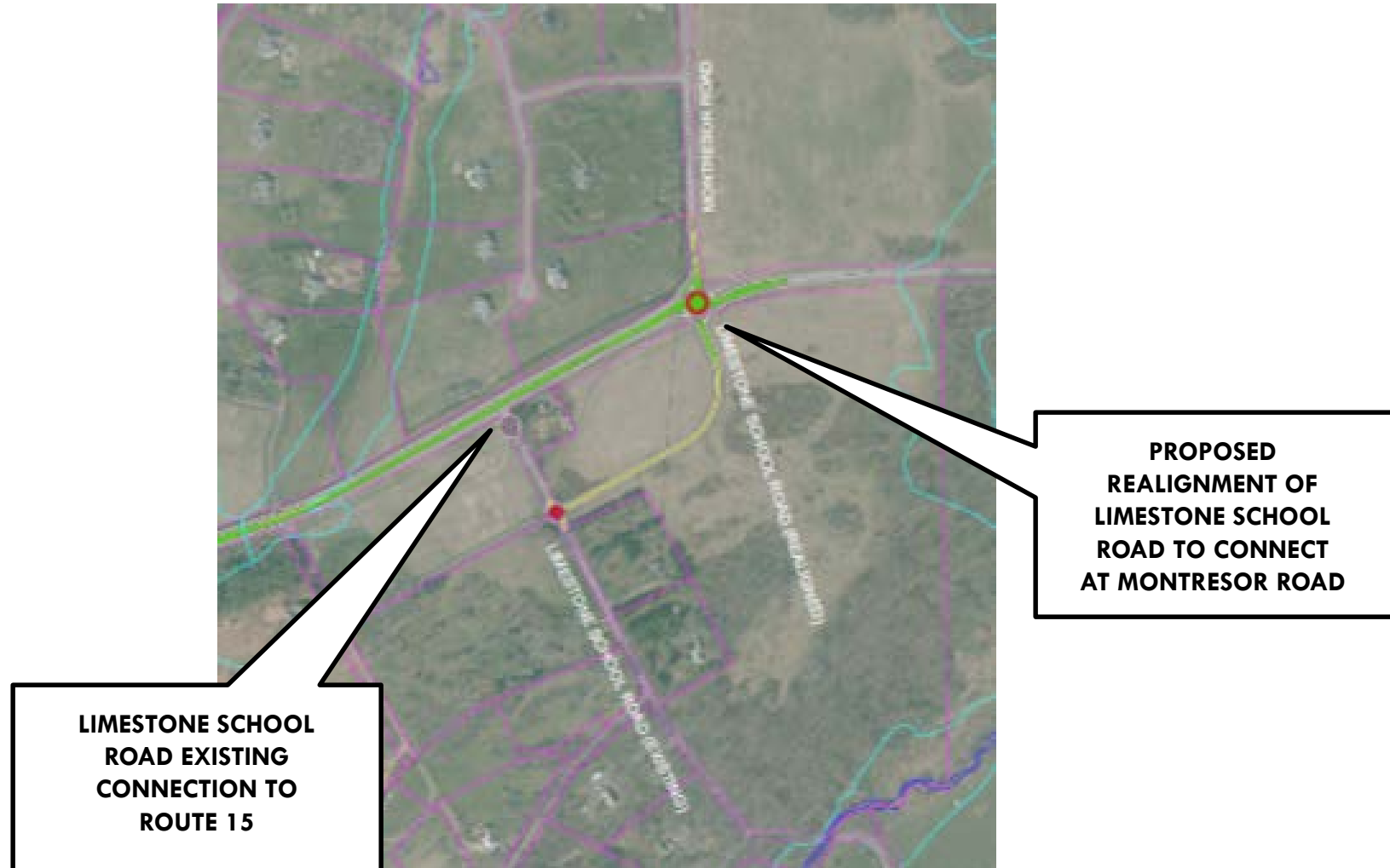


Route 15/Whites Ferry Road/Raspberry Drive

Bow tie roundabout



Realignment of Limestone School Road to Connect with Montresor Road with 2-lane Roundabout



Context Sensitive Design Features

- ❖ Collaborative involvement during the Design Process
- ❖ Roadway features such as:
 - Landscaping
 - Stone face walls
 - Fencing
 - Textured painted paved shoulders



Staff Recommendations

1. Widening: from Battlefield Parkway NE and Montresor Road, 4 lane median divided
2. North King Street: Continuous Green-T Intersection
3. Whites Ferry Road: Replace existing traffic signal with a new signal to accommodate 4-lane median divided roadway
4. Montresor Road: Realign Limestone School Road to connect to Route 15 at Montresor Road
5. Montresor Road: 2-Lane roundabout
6. Incorporate context sensitive design methodology and the Journey Through Hallowed Ground's design guidelines where feasible

