I-81 Exit 150
I-81 Exit 150 (Troutville): A Critical Link

• I-81, Routes 11, 220, 460 and the Appalachian Trail come together in this area.

• One of the most important connections between central VA, western VA, and the Shenandoah Valley

• More than 85,000 vehicles travel through this area each day.

• All through one signal!

• Continued growth is expected.
Exit 150 Truck Stop
Exit 150: Previous Concept

- The original improvement concept included relocating Route 11 away from I-81.

- By 2007, the cost for Exit 150 solutions had grown to more than half a billion dollars.
Exit 150: Fresh Approach

- A fresh approach is needed.
- What will access management look like?
Exit 150: Context Sensitive Solutions

• VDOT met with the Botetourt County Board of Supervisors to identify problems at the exit.

• In June 2007, a citizen information meeting was held to gather feedback on which safety improvements are most important to the public.

• Based on that feedback, VDOT is looking at a family of solutions.
Exit 150: Applying Access Management Principles

Recent Safety Improvements

• Optimized signal timing to allow for better traffic flow.

• Reconfigured existing lanes to allow for dual left turning movements from Route 220 southbound to Route 11 northbound. This minimizes exit ramp back up.
Exit 150: Short-Term Safety Improvements

Improvements to be completed in the next six months

- Create dual left turn lanes from Route 11 northbound onto Route 220.
- Remove a 10-foot section of median barrier on Route 220.
- Relocate signal and remove guardrail from the island.
Exit 150: Future Plans

Access Management

- VDOT will work with a consultant to analyze the entire interchange area in order to develop the most effective operational and access management improvements within the $20.5 million budget allocated for Exit 150 in the FY08-13 SYIP.

- With land use commitments from local government, access management will be the key to improving Exit 150.
To be continued ...