

Old Route 11 and Route 11

A11



Legend

	Stop
	Grass Median
	New Road Pattern
	Stop Bar

Map produced by the NRVPCD using VGIN data. March, 2009

General Notes:

1. The following intersection has been identified as a safety concern as a result of congestion or poor sight distance. The proposed improvements are conceptual only and should be evaluated and designed by a licensed engineer.

2. All sign and roadway improvements shown are conceptual only, and shall be designed in accordance with the latest edition of the Virginia Department of Transportation Roadway Design Manual.

3. Sight Distance is estimated and should be field verified for accuracy.

Site Specific Details:

This intersection has poor sight distance greatly attributed to the poor entry angle of Old Route 11 into Route 11. Currently a yield sign exists for traffic entering Route 11 just before the single lane corridor expands into two lanes where traffic has already begun diverging. The poor angle also inhibits bus and truck traffic maneuverability when traveling east desiring to enter Old Route 11. A very minimal turning radius exits causing the utilization of oncoming traffic lanes to compensate creating unnecessary hazards. The proposed intersection alteration utilizes existing pavement to provide a free right entry for traffic entering Route 11. A proposed perpendicular west bound entry and turning lane are shown that can be designed closer or further away from the existing intersection as deemed appropriate. It is proposed that this intersection be formally evaluated and a LOS be determined to propose potential improvements to this area.



Field photo of existing intersection of Old Route 11 and Route 11. View of photo is south-west from opposite side of roadway.



Field photo of existing intersection of Old Route 11 and Route 11. View of photo is to the west from the center of Old Route 11 exit lane.



Field photo of existing intersection of Old Route 11 and Route 11. View of photo is to the east from the center of Old Route 11 exit lane.

