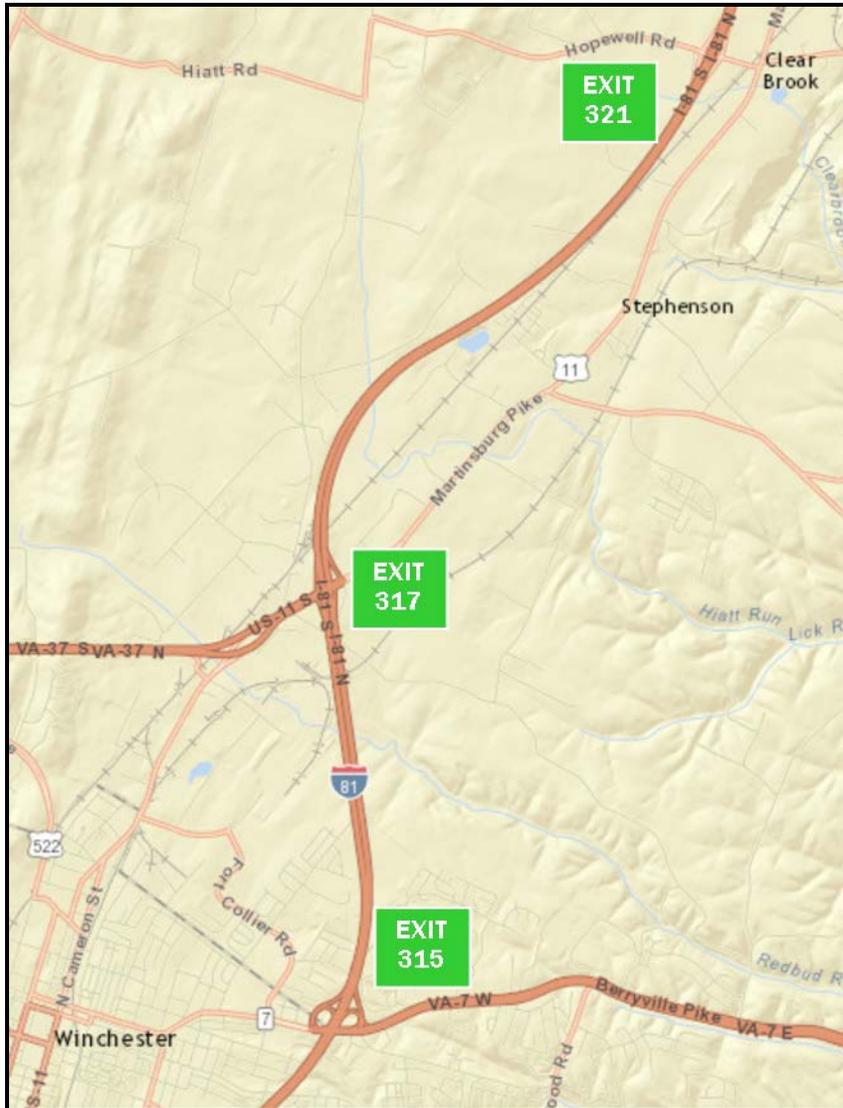


North Winchester Area Study

Objective and Description: The purpose of this consultant-led study is to identify and evaluate feasible modifications to the Interstate 81/US 11-Martinsburg Pike interchange (Exit 317) to accommodate existing and projected future traffic volumes and growth. It is anticipated that the proposed improvements may include but are not limited to the construction of new roadways/ramps and/or modifications to existing roadways and ramps. Improvements may also include the replacement of existing bridges, as well as new signalized intersections.

A consultant will provide project management, quality control, traffic analysis and the development of a report and conceptual alternatives for improvements to the existing interchange, including preliminary interchange concepts. The general study area will encompass the area shown below, between and including exits 315 and 321 as well as the nearby signalized intersections on US Route 11 and VA Route 7. The project was initiated by VDOT.



Products:

- Report: A complete study will be developed in accordance with applicable VDOT and FHWA guidelines. While not an Interchange Modification Report (IMR), this product is intended to substantially complete a future IMR.
- Conceptual Interchange Options: Up to three (3) conceptual options, with planning-level cost estimates and phased improvement scenarios, will be developed and presented in schematic roll-plot format.
- Displays: Three (3) mounted color displays will be produced using aerial photography to depict the conceptual interchange options. Large scale displays of conceptual typical sections will also be produced. Updated planning level cost estimates and other supporting planning level data will be developed as appropriate.

Work to be performed by consultant.

Project duration: June 2016 – December 2017 (18 months)