

Public Workshop

Novak Drive Connector Study

Blue Ridge CTC Technology Center, Room T04

June 27, 2017

6:00 – 8:00 p.m.

The West Virginia Department of Transportation, Division of Highways (WVDOH), in conjunction with the Hagerstown / Eastern Panhandle Metropolitan Planning Organization (HEPMPO) is holding an informational public workshop concerning the Novak Drive Connector Study in Berkeley County, West Virginia.

This is a preliminary planning-level workshop through which WVDOH, HEPMPO and the Consultant Team will present information and seek public input regarding the need for a new access road between WV 9 and Novak Drive.

No formal presentation will be made during this evening's workshop. Information identifying the study area, study goals and objectives, traffic and crash analysis results, and the preliminary alternative corridors will be displayed for discussion. Written comments will be accepted during tonight's meeting or can be mailed to the address below by July 28, 2017. A comment sheet is attached for your convenience.

Individuals can also provide input through an online survey located at <https://novak.metroquest.com> until July 12th.

Those wishing to file written comments may send them to:

Elwood Penn

West Virginia Department of Highways, Planning Division

Building Five, Room A-450

1900 Kanawha Blvd East

Charleston, WV 25305-0430



Goals and Objectives

Mobility Goal: Improve access between WV 9 and the airport area / I-81 while alleviating congestion on area roadways.

Objectives include:

- Reduce traffic on WV 45 by providing an alternate access to I-81
- Provide additional access to the Tabler Station area
- Improve multimodal connectivity by facilitating improved transit service, bicycle/ pedestrian accommodations and access to the Eastern West Virginia Regional Airport

Safety Goal: Improve the level of safety for motorists in the study area.

Objectives include:

- Reduce truck traffic along WV 45 and other major arterials by providing an alternate route
- Divert traffic away from or make improvements to high crash locations
- Improve bicycle / pedestrian safety by providing appropriate accommodations

Economic Development Goal: Support planned development and promote future growth in the area.

Objectives include:

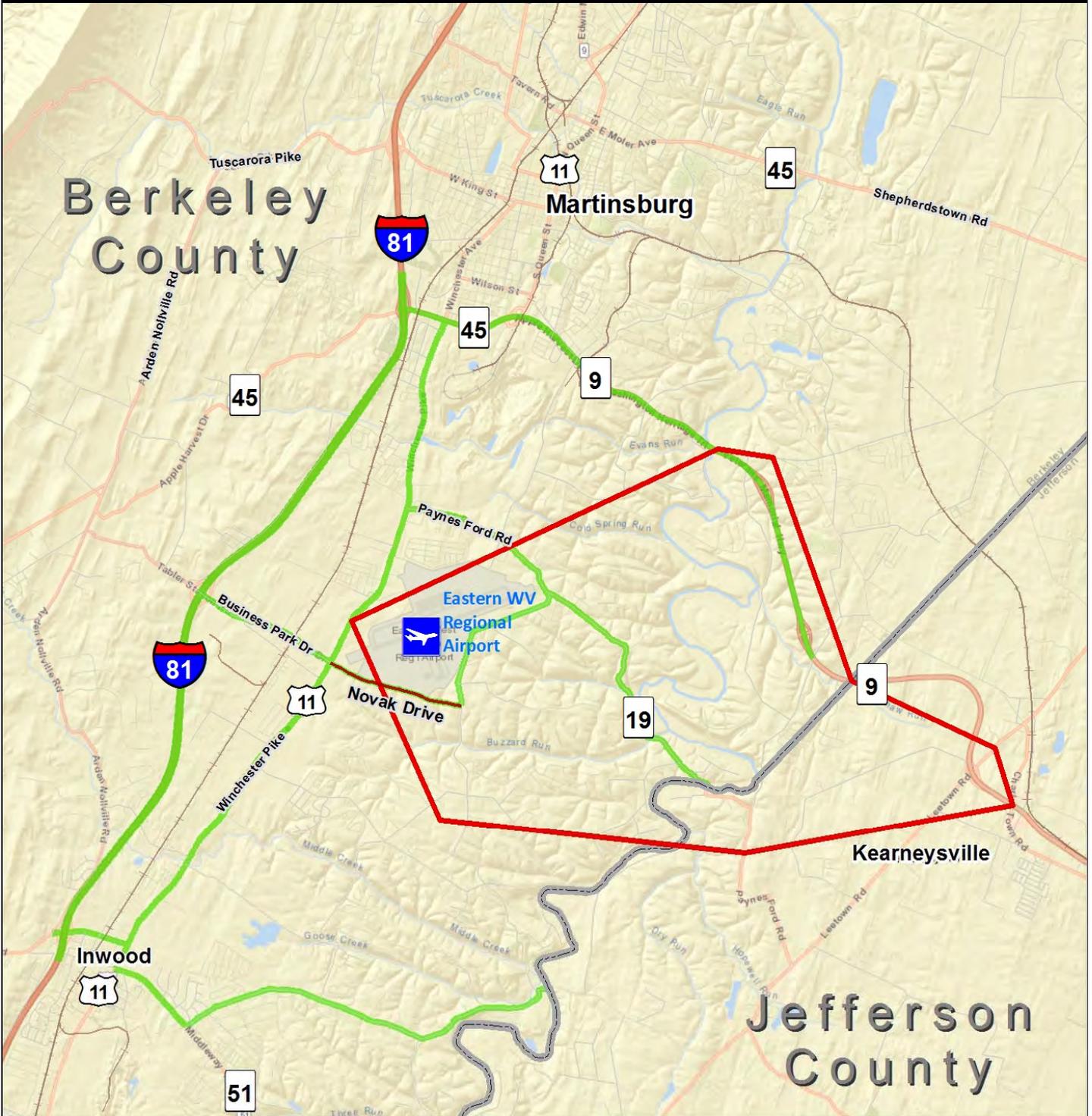
- Provide additional access to the Tabler Station area
- Promote growth in downtown Martinsburg through congestion relief on WV 45 and highway signage for downtown Martinsburg
- Promote freight growth by providing improved access to I-81

Environmental Goal: Protect and preserve the environment in the study area.

Objectives include:

- Minimize impacts to the Opequon Creek and other environmental and cultural resources
- Preserve the rural character of the area by appropriately controlling access
- Minimize noise impacts by avoiding sensitive locations
- Improve air quality by reducing traffic congestion

Environmental and Traffic Analysis Study Areas



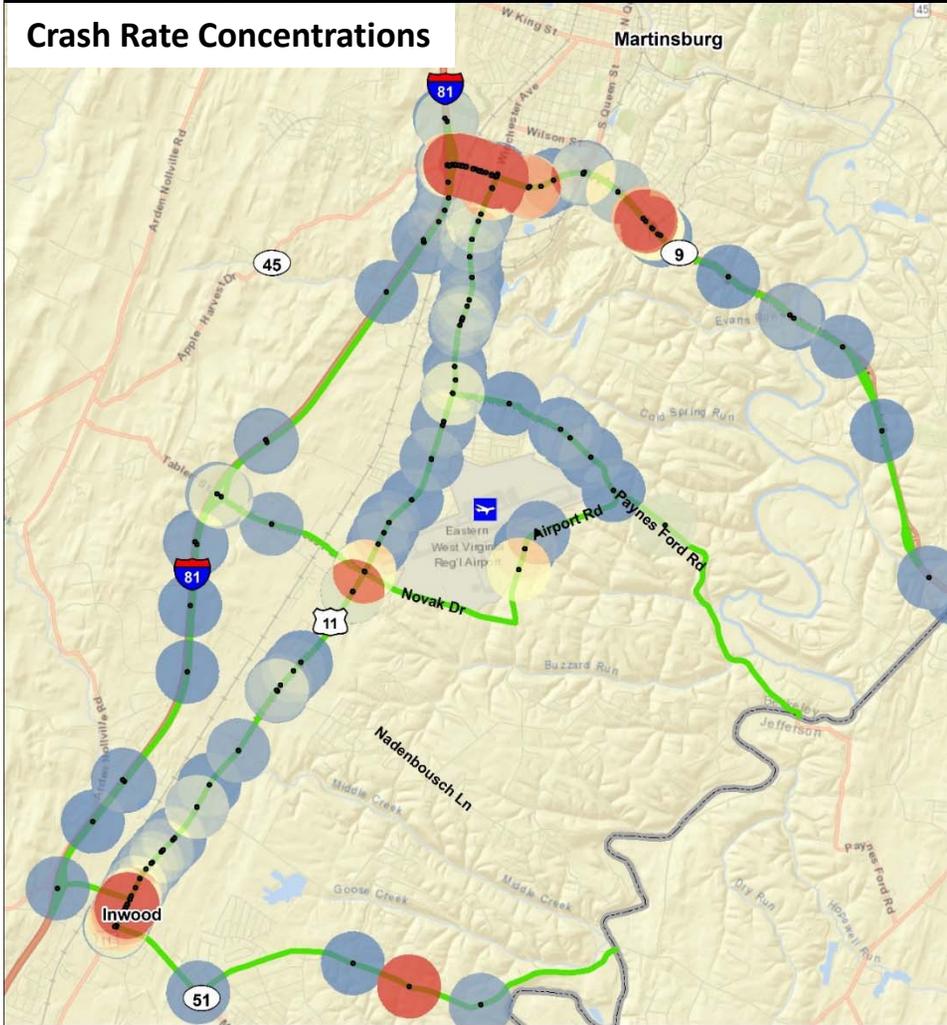
Legend

- Environmental Study Area
- Traffic Analysis Study Area
- Existing Novak Drive



Crash Analysis

Crash Rate Concentrations

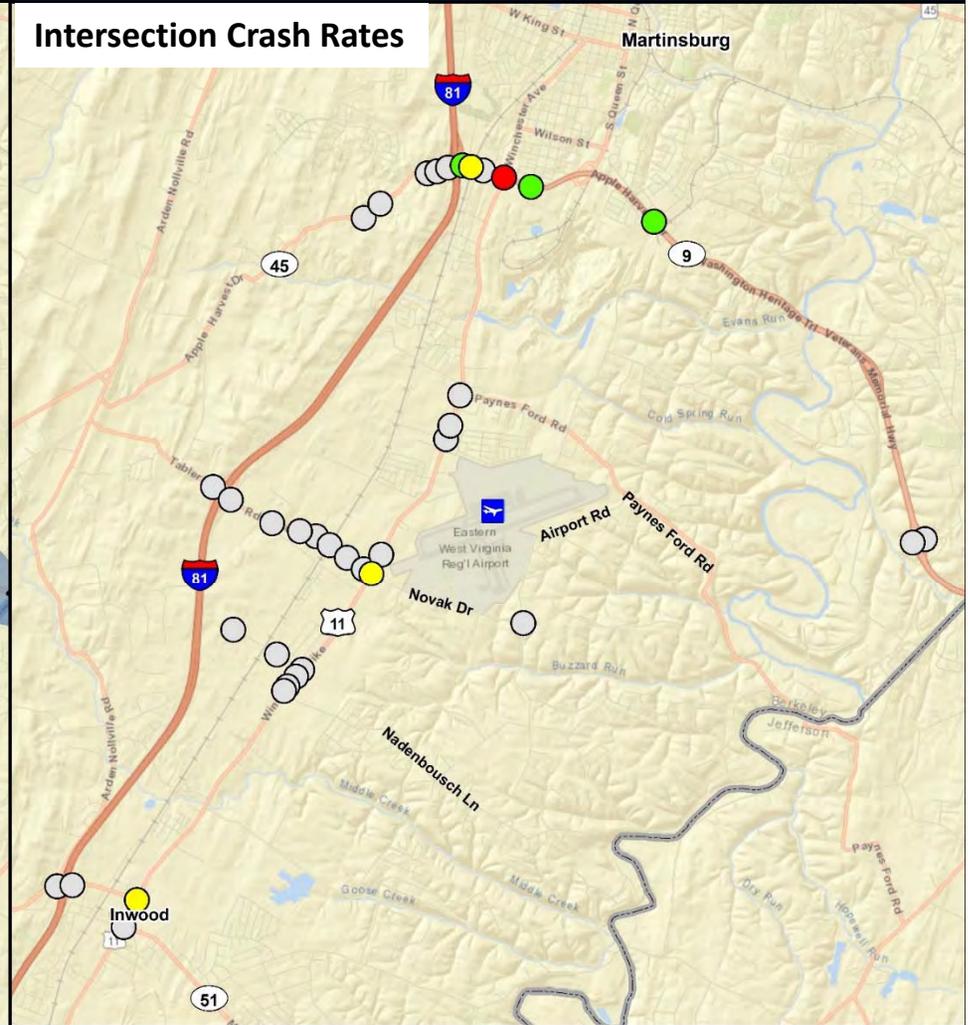


Legend

- Traffic Analysis Study Area
- Crashes
- Crash Density
High
Low



Intersection Crash Rates

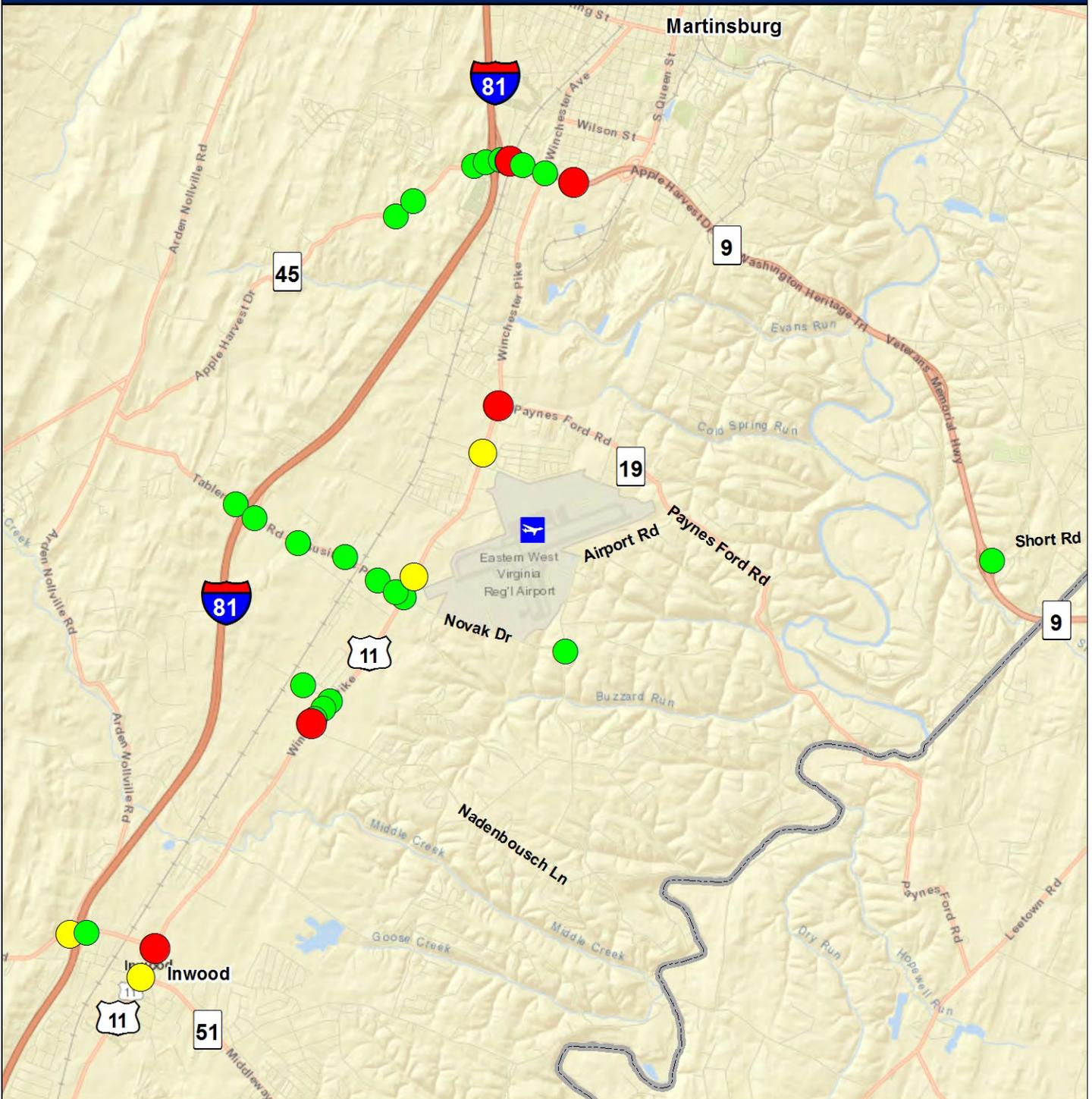


Legend

- <math>< 0.4</math>
- 0.4 - 0.59
- 0.6 - 0.79
- 0.8 - 1.0



Existing Traffic Analysis

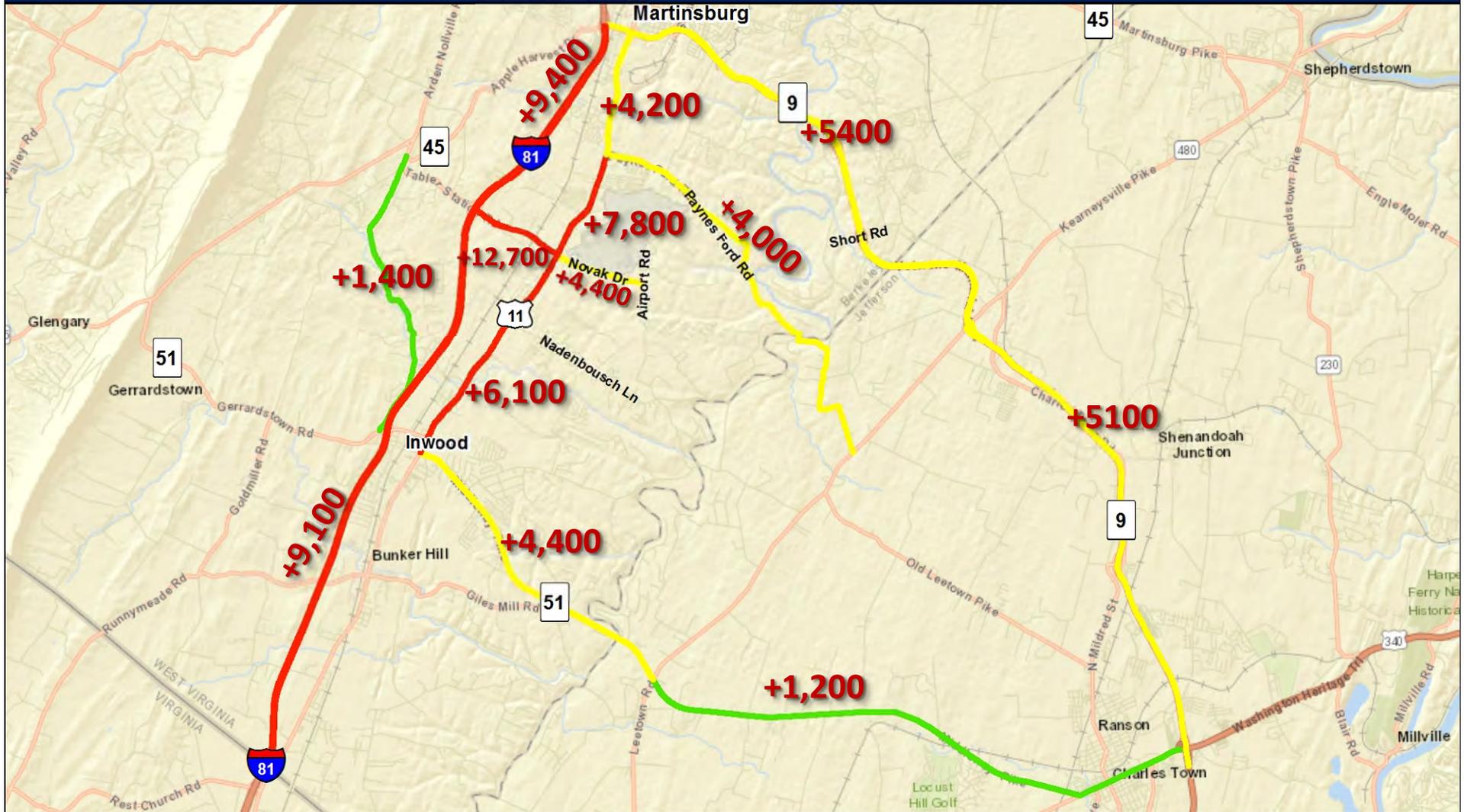


Legend

Existing Level of Service (PM) ● LOS A, B or C ● LOS D ● LOS E or F



Projected Daily Traffic Volume Growth (2017 to 2040)



Legend

Projected Traffic Volume Growth (2017 to 2040) — 0 - 1500 — 1501 - 6000 — 6001 - 13000

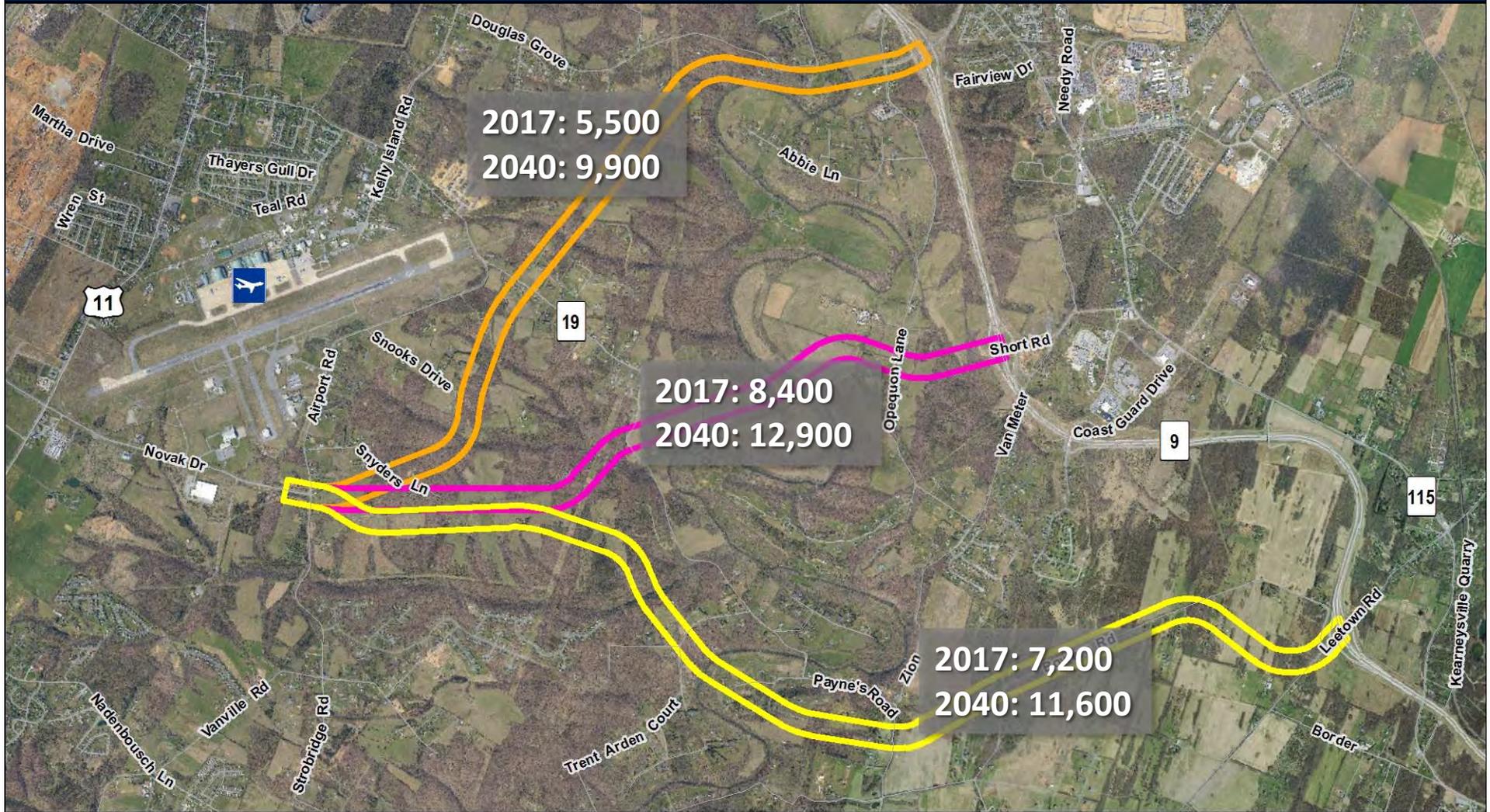


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Projected Daily Traffic Volumes From Travel Model

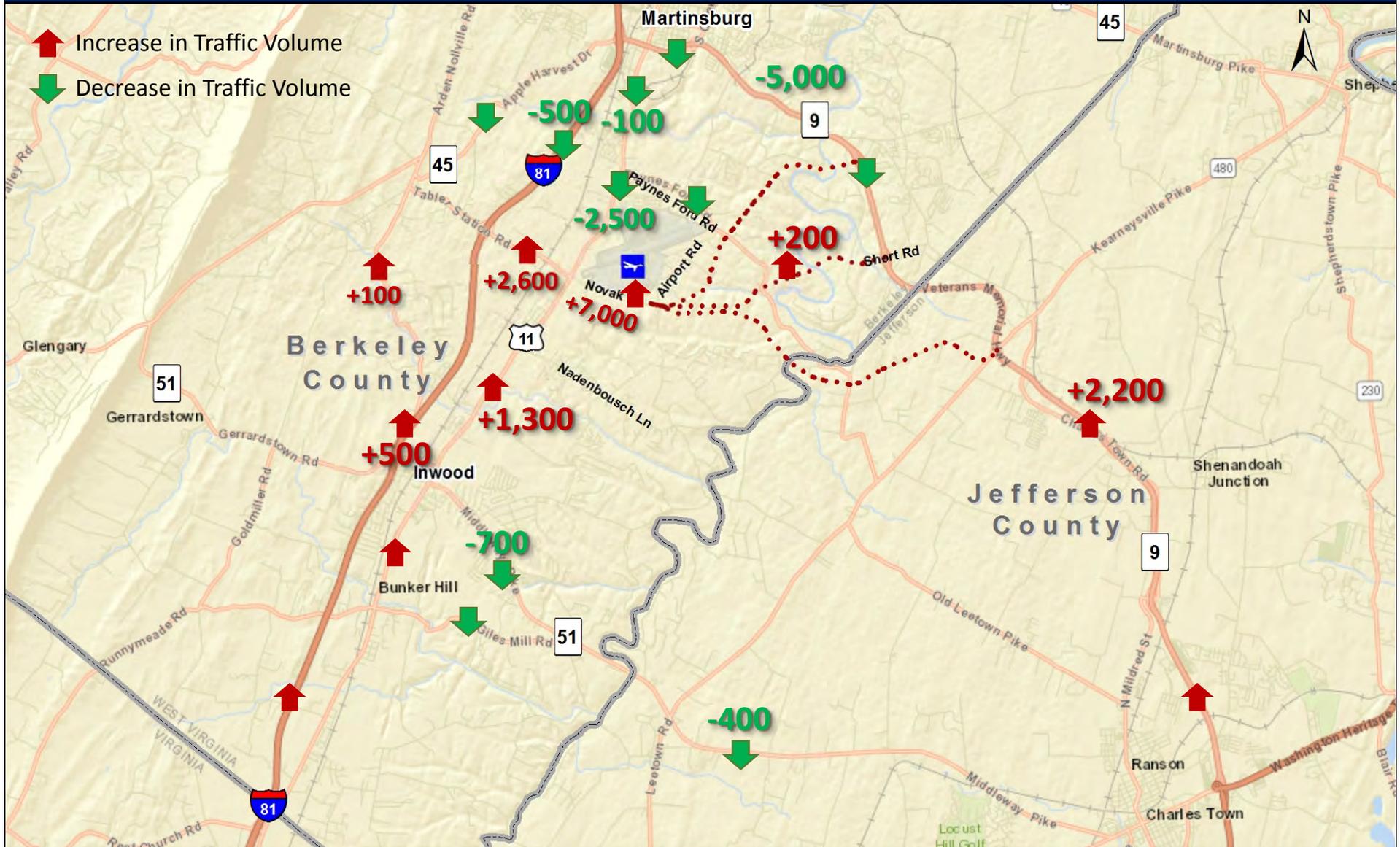


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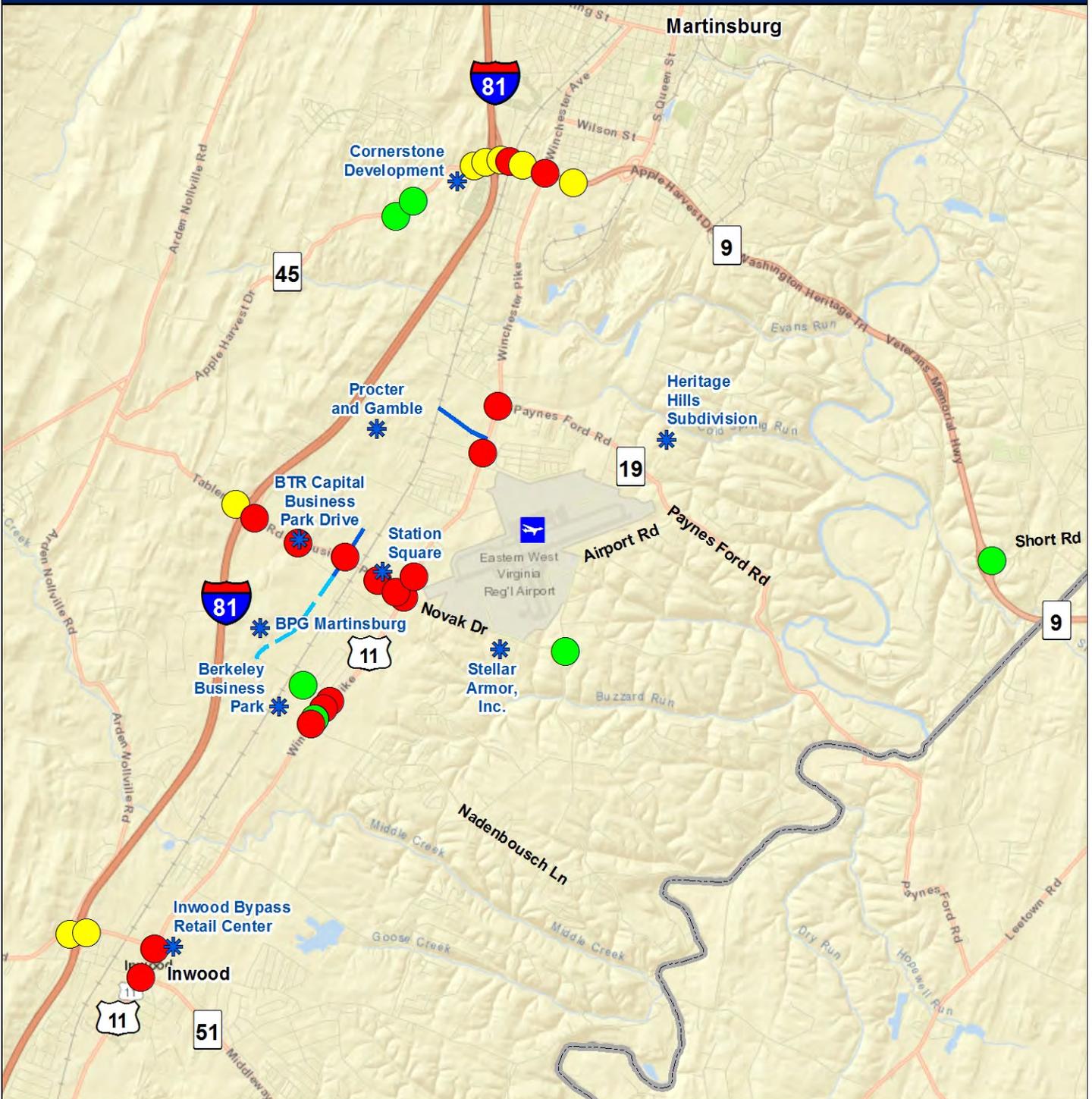
- Alternative 1
- Alternative 2
- Alternative 3



2040 Daily Diversions Due To Novak Drive Extension



Future (2040) No-Build Traffic Analysis



Legend

Future No-Build Level of Service (PM)

● LOS B or C

● LOS D

● LOS E or F



Planned/Proposed Development

— Proposed Improvement

- - - Improvement Under Construction

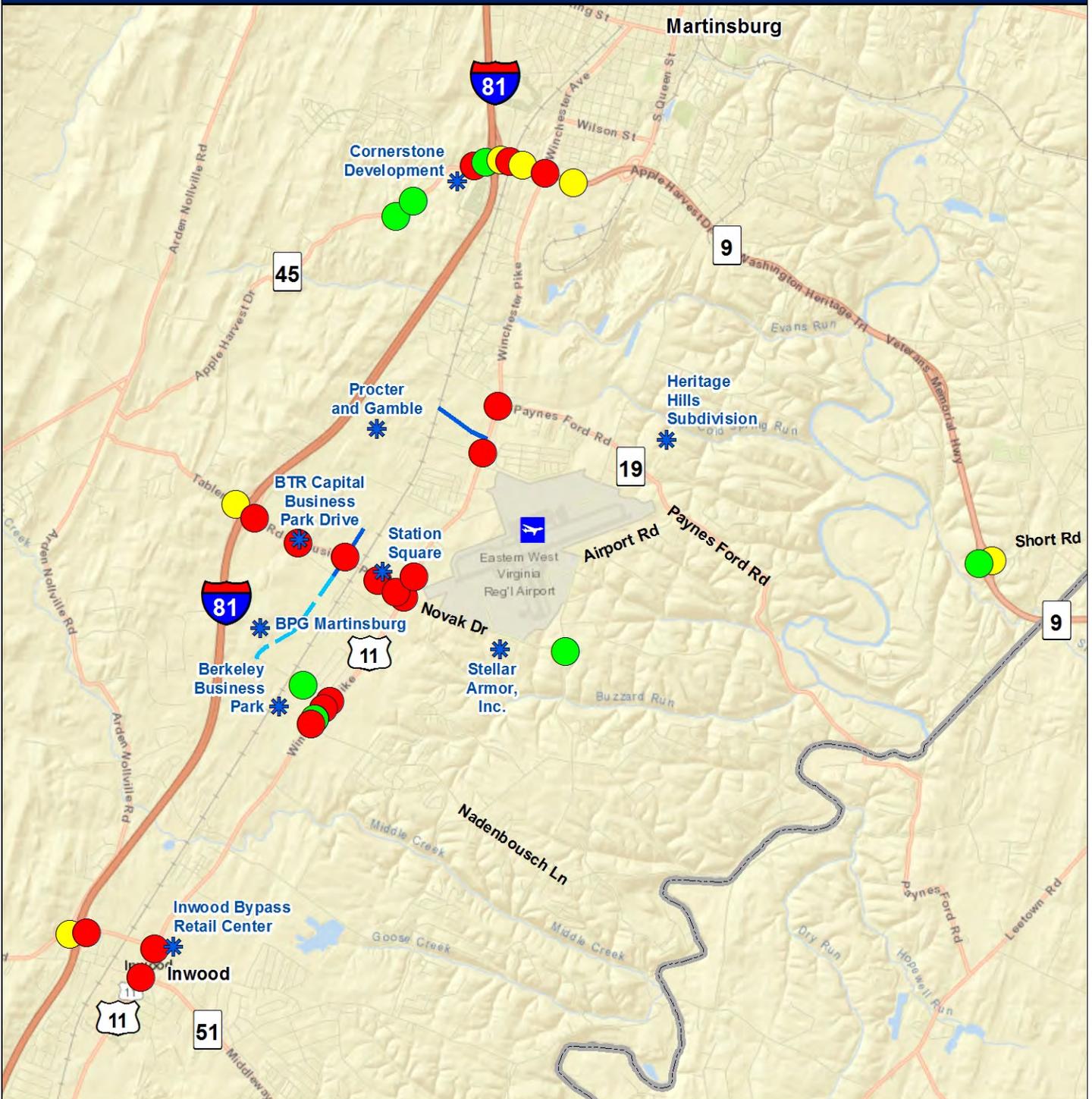


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Future (2040) Build Traffic Analysis



Legend

Future Build Level of Service (PM)

● LOS B or C



● LOS E or F



Planned/Proposed Development

— Proposed Improvement

- - - Improvement Under Construction



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Preliminary Alternative Corridors

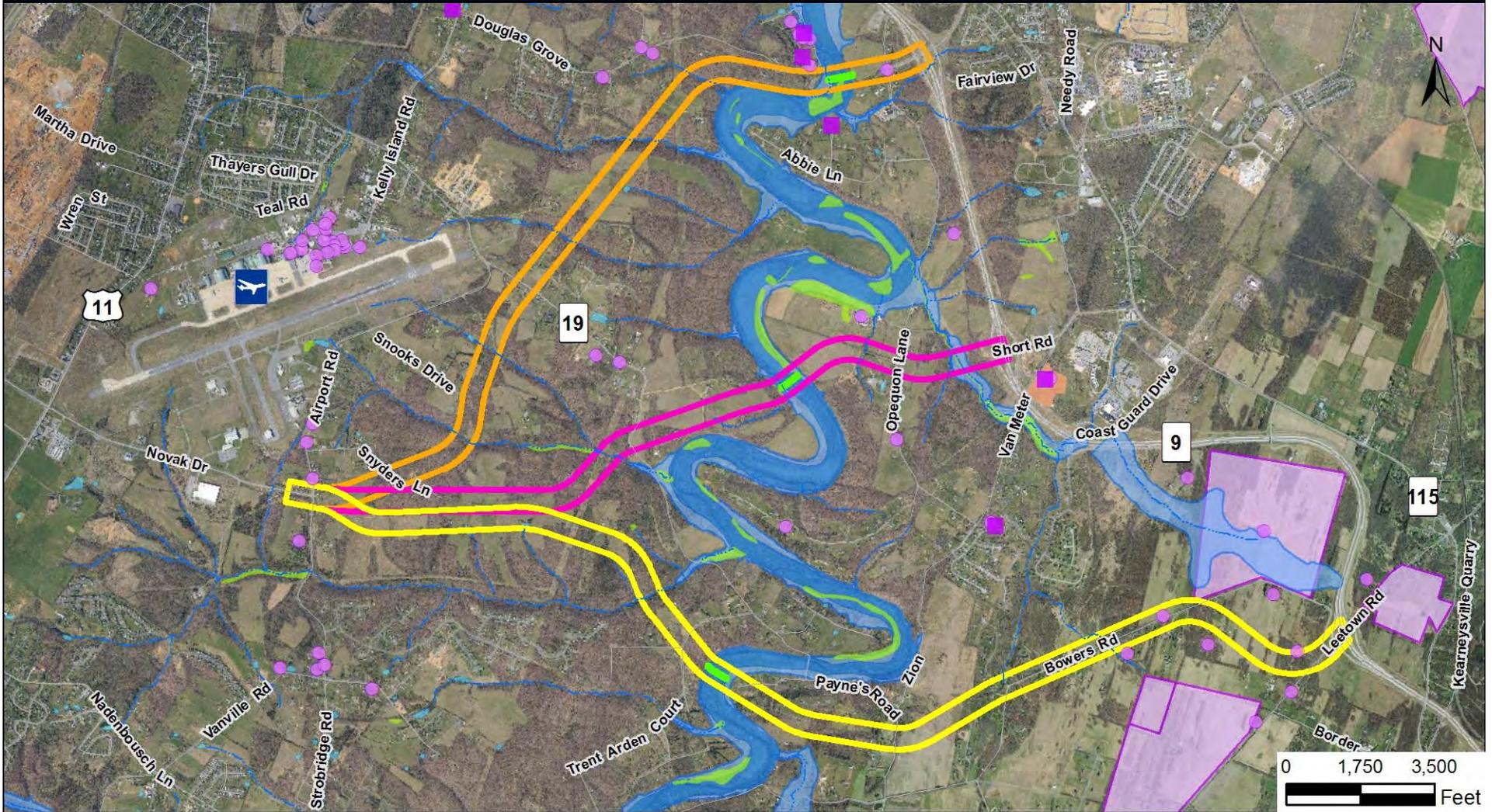
No Build Alternative: The No Build Alternative assumes that a new road connection between Novak Drive and WV 9 would not be constructed and serves as a baseline against which the other alternatives can be compared. Improvements would focus on addressing traffic congestion at key intersections within the study corridor including Novak Drive and US 11.

Alternative 1: Alternative 1 is a new roadway connection from Novak Drive to WV 9 at the existing Opequon Lane / Baker Heights interchange. The alignment is approximately 5.0 miles long, extending northeast from Novak Drive to the existing WV 9 Opequon Lane interchange with a bridge over the Opequon Creek and at-grade intersections with major roadways while minimizing conflicts with environmental and historic resources to the extent possible.

Alternative 2: Alternative 2 is a new roadway connection from Novak Drive to WV 9 at the existing Short Road interchange. The alignment is approximately 3.4 miles long, extending east from Novak Drive to the existing WV 9 Short Road interchange with a bridge over the Opequon Creek and at-grade intersections with major roadways while minimizing conflicts with environmental and historic resources to the extent possible.

Alternative 3: Alternative 3 is a new roadway connection from Novak Drive to WV 9 at the existing Kearneysville / Leetown interchange. The alignment is approximately 5.4 miles long, extending southeast from Novak Drive to the existing WV 9 Kearneysville interchange with a bridge over the Opequon Creek, at-grade intersections with major roadways and upgrade of Bowers Road while minimizing conflicts with environmental and historic resources to the extent possible.

Preliminary Alternative Corridors



Legend							
	Alternative 1		Alternative 3		National Register Site		Historic_District
	Alternative 2		Bridge		Recorded Historic Site		Protected Farmlands
					Floodway		100-year Floodplain
					NW Wetland		Freshwater Pond
					Stream		



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WEST VIRGINIA DEPARTMENT OF HIGHWAYS
c/o ELWOOD PENN
BUILDING FIVE, ROOM A-450
1900 KANAWHA BLVD EAST
CHARLESTON, WV 25305-0430