

# Milepost	Ramp LOS	Mainline LOS	Cross-section	Vertical Deficiencies*	Horizontal Deficiencies*	Safety Deficiencies (2000-2002)
	Ramp MERGE A/B	A/B	SB Shoulder	▲ Grade Exceeds Standard	— Segment	★ Fatal Crash
	Ramp MERGE C Urban	C Urban	SB Roadway	■ Insufficient Sight Distance	● Location	- - - High Crash Segment
	Ramp MERGE C Rural	C Rural	Median	● Substandard Vertical Curve	See Table 3-4 for Interchange Deficiencies	
	Ramp MERGE D	D	NB Roadway	★ Substandard Vertical Clearance		
	Ramp MERGE E/F	E/F	NB Shoulder			

*Source: I-81 Concept Studies

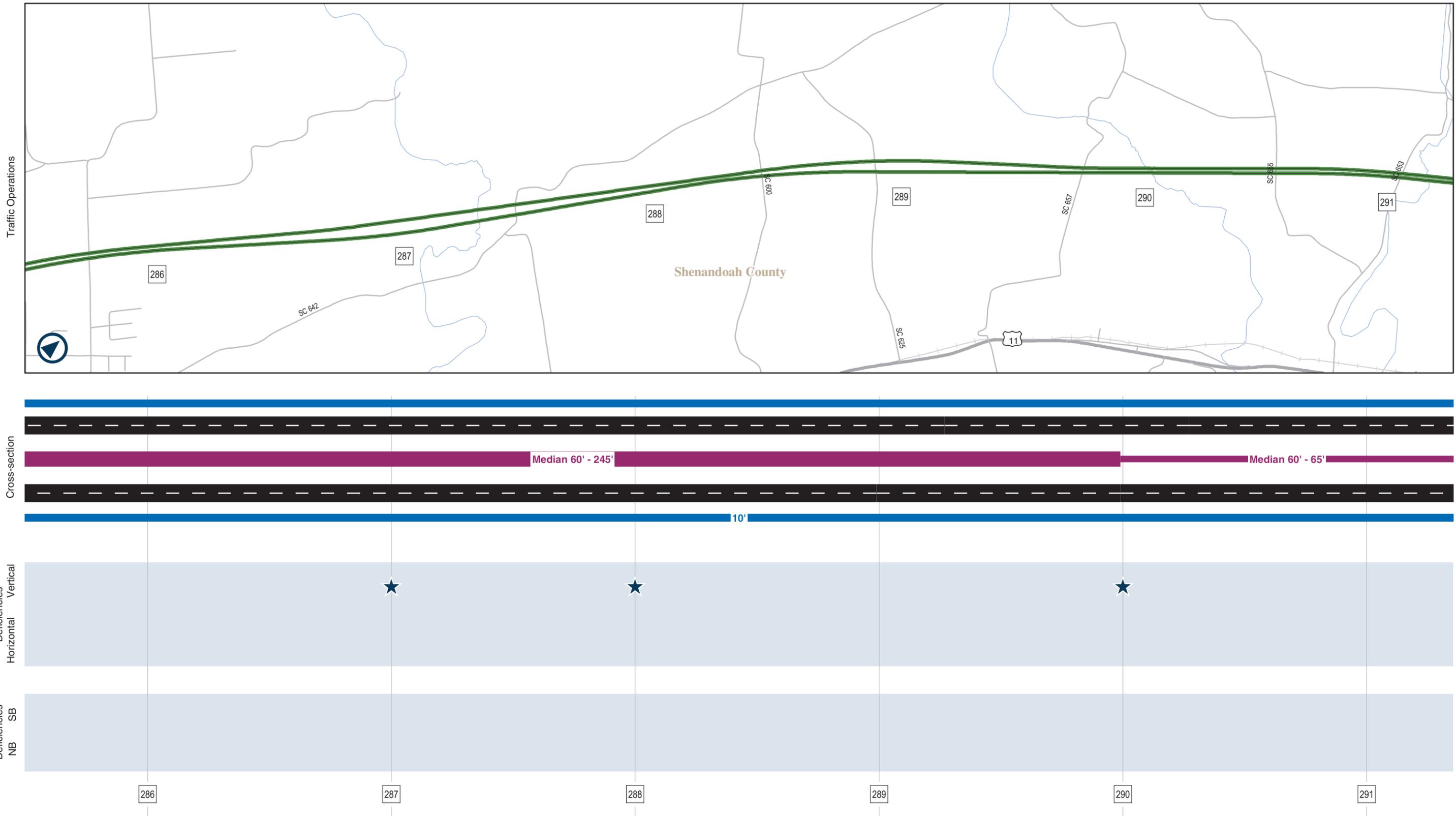


Existing Corridor Conditions

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Figure 3-5



# Milepost	Ramp LOS	Mainline LOS	Cross-section	Vertical Deficiencies*	Horizontal Deficiencies*	Safety Deficiencies (2000-2002)
	Ramp MERGE A/B	A/B	SB Shoulder	▲ Grade Exceeds Standard	— Segment	★ Fatal Crash
	Ramp MERGE C Urban	C Urban	SB Roadway	■ Insufficient Sight Distance	● Location	--- High Crash Segment
	Ramp MERGE C Rural	C Rural	Median	● Substandard Vertical Curve	See Table 3-4 for Interchange Deficiencies	
	Ramp MERGE D	D	NB Roadway	★ Substandard Vertical Clearance		
	Ramp MERGE E/F	E/F	NB Shoulder			

*Source: I-81 Concept Studies

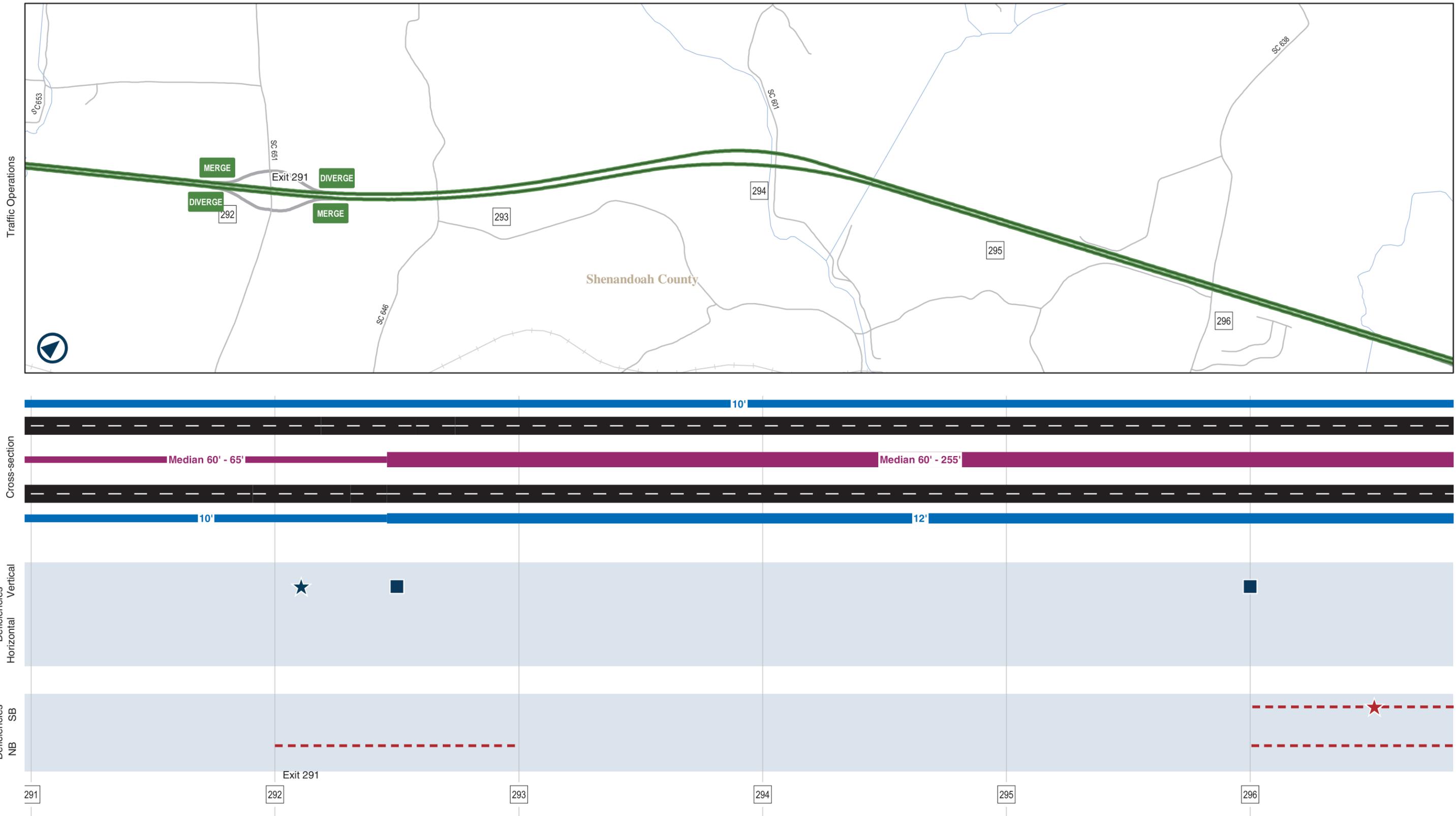


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Figure 3-5



# Milepost	Ramp LOS	Mainline LOS	Cross-section	Vertical Deficiencies*	Horizontal Deficiencies*	Safety Deficiencies (2000-2002)
	Ramp MERGE A/B	A/B	SB Shoulder	▲ Grade Exceeds Standard	— Segment	★ Fatal Crash
	Ramp MERGE C Urban	C Urban	SB Roadway	■ Insufficient Sight Distance	● Location	- - - High Crash Segment
	Ramp MERGE C Rural	C Rural	Median	● Substandard Vertical Curve	See Table 3-4 for Interchange Deficiencies	
	Ramp MERGE D	D	NB Roadway	★ Substandard Vertical Clearance		
	Ramp MERGE E/F	E/F	NB Shoulder			

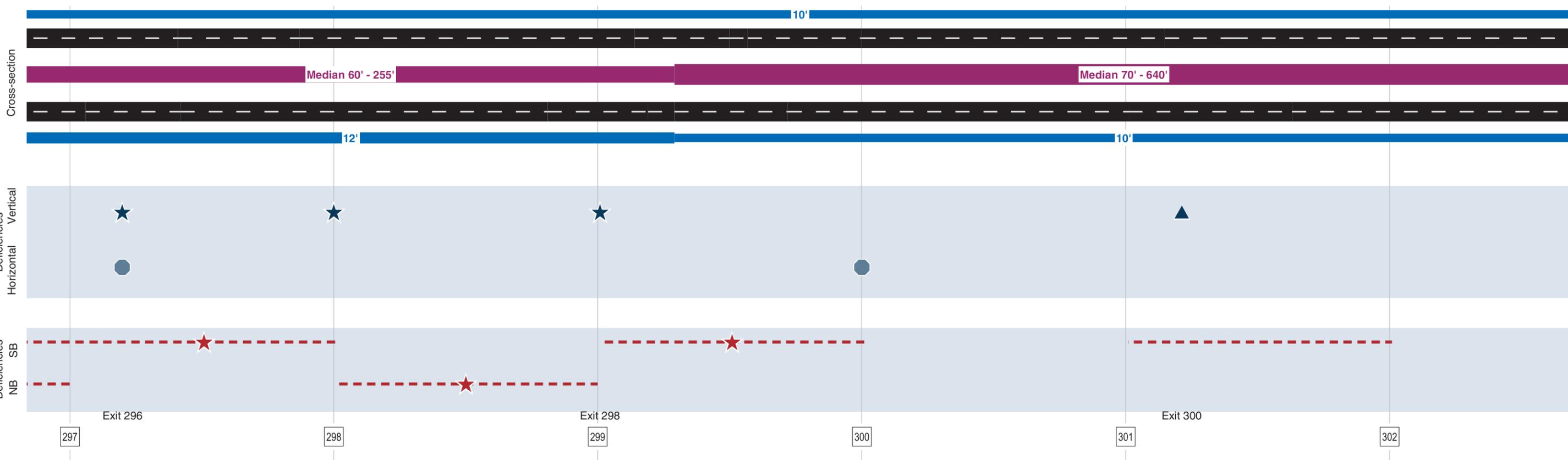
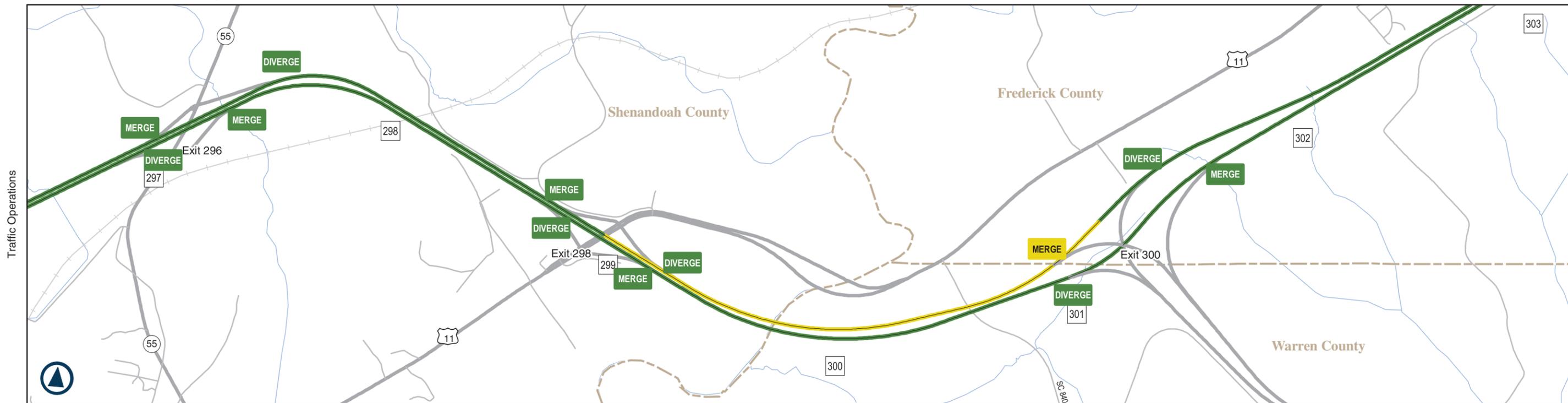
*Source: I-81 Concept Studies



Existing Corridor Conditions

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*Source: I-81 Concept Studies

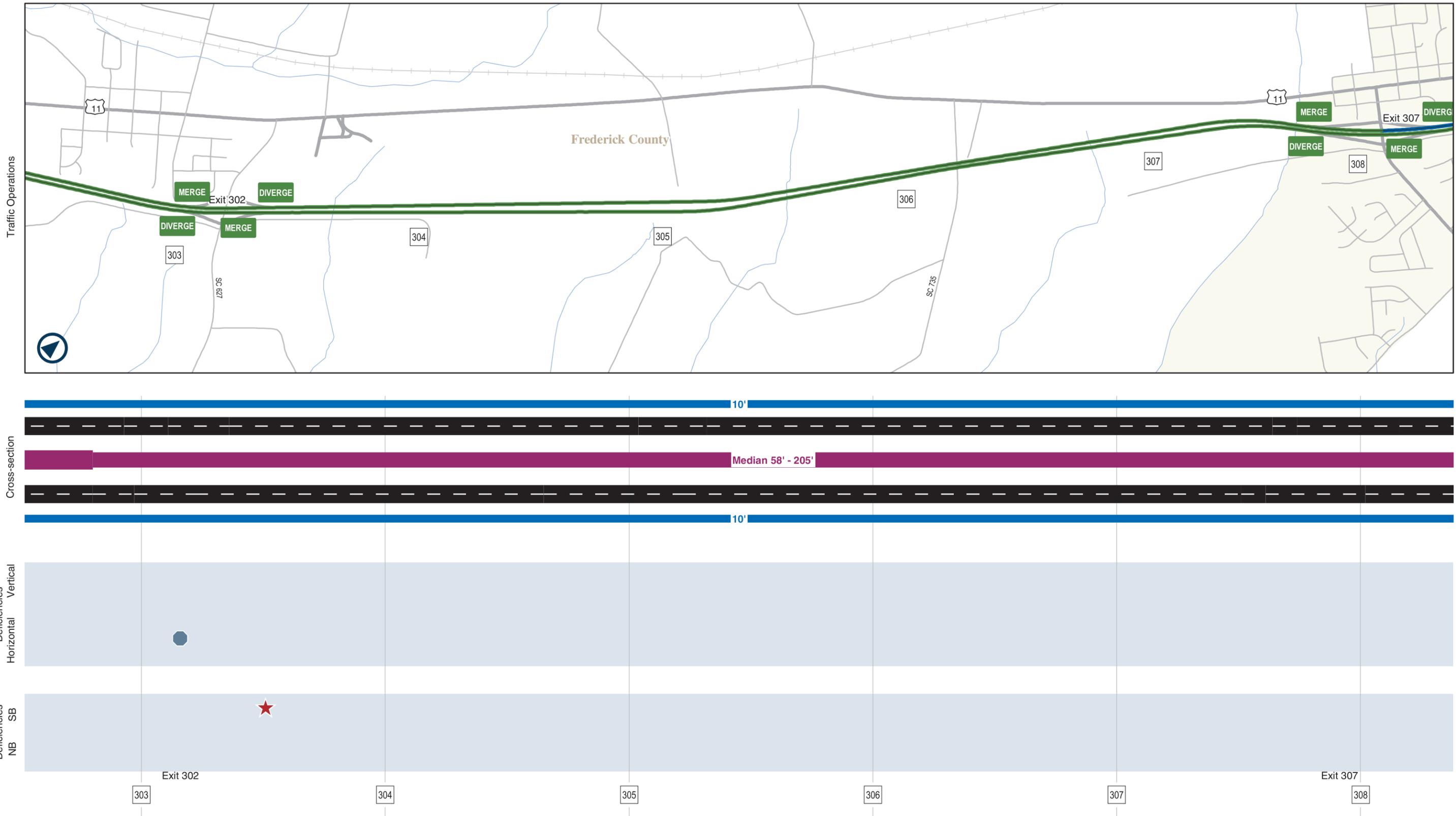


Existing Corridor Conditions

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Figure 3-5



# Milepost	Ramp LOS	Mainline LOS	Cross-section	Vertical Deficiencies*	Horizontal Deficiencies*	Safety Deficiencies (2000-2002)
	Ramp MERGE A/B	A/B	SB Shoulder	▲ Grade Exceeds Standard	— Segment	★ Fatal Crash
	Ramp MERGE C Urban	C Urban	SB Roadway	■ Insufficient Sight Distance	● Location	--- High Crash Segment
	Ramp MERGE C Rural	C Rural	Median	● Substandard Vertical Curve	See Table 3-4 for Interchange Deficiencies	
	Ramp MERGE D	D	NB Roadway	★ Substandard Vertical Clearance		
	Ramp MERGE E/F	E/F	NB Shoulder			

*Source: I-81 Concept Studies

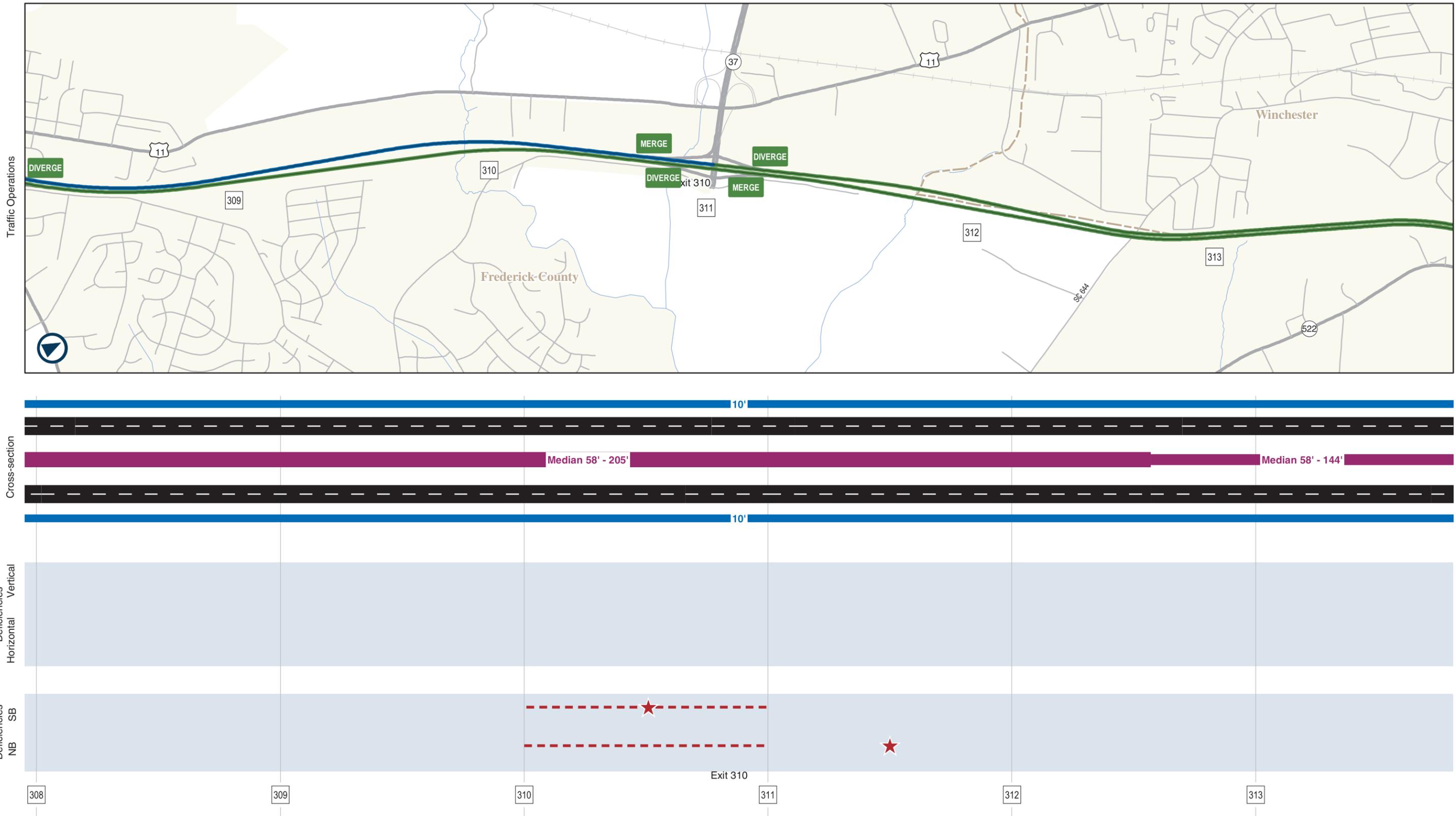


Existing Corridor Conditions

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Figure 3-5



# Milepost	Ramp LOS	Mainline LOS	Cross-section	Vertical Deficiencies*	Horizontal Deficiencies*	Safety Deficiencies (2000-2002)
	Ramp MERGE A/B	A/B	SB Shoulder	▲ Grade Exceeds Standard	— Segment	★ Fatal Crash
	Ramp MERGE C Urban	C Urban	SB Roadway	■ Insufficient Sight Distance	● Location	- - - High Crash Segment
	Ramp MERGE C Rural	C Rural	Median	● Substandard Vertical Curve	See Table 3-4 for Interchange Deficiencies	
	Ramp MERGE D	D	NB Roadway	★ Substandard Vertical Clearance		
	Ramp MERGE E/F	E/F	NB Shoulder			

*Source: I-81 Concept Studies

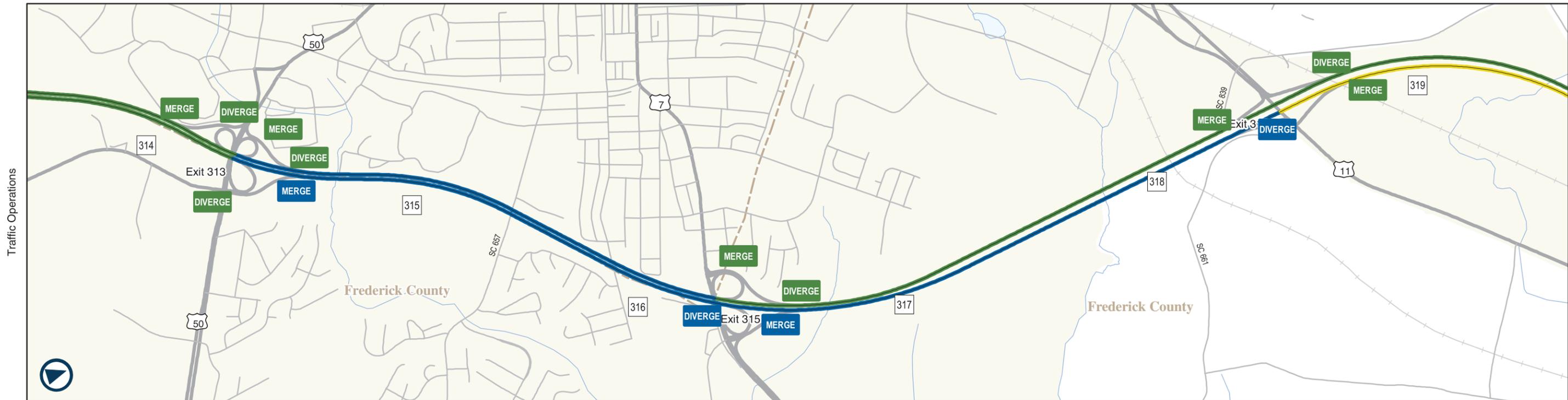


Existing Corridor Conditions

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Figure 3-5



- # Milepost
- Ramp LOS**
 - MERGE A/B
 - MERGE C Urban
 - MERGE C Rural
 - MERGE D
 - MERGE E/F
- Mainline LOS**
 - A/B
 - C Urban
 - C Rural
 - D
 - E/F
- Cross-section**
 - SB Shoulder
 - SB Roadway
 - Median
 - NB Roadway
 - NB Shoulder
- Vertical Deficiencies***
 - ▲ Grade Exceeds Standard
 - Insufficient Sight Distance
 - Substandard Vertical Curve
 - ★ Substandard Vertical Clearance
- Horizontal Deficiencies***
 - Segment
 - Location

See Table 3-4 for Interchange Deficiencies
- Safety Deficiencies (2000-2002)**
 - ★ Fatal Crash
 - - - High Crash Segment

*Source: I-81 Concept Studies

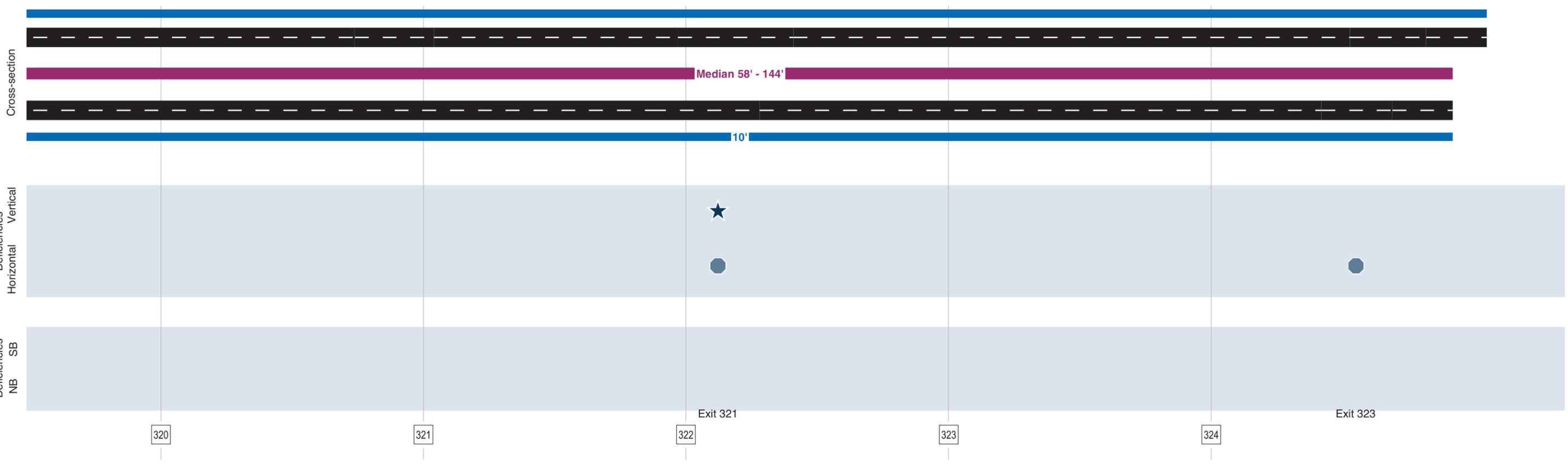
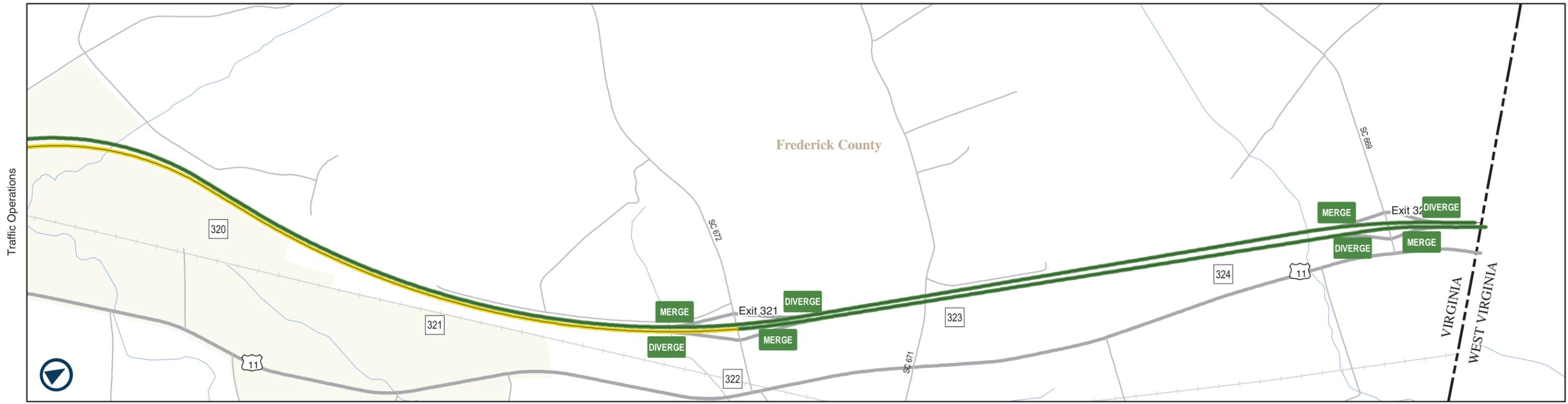


Existing Corridor Conditions

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Figure 3-5



# Milepost	Ramp LOS	Mainline LOS	Cross-section	Vertical Deficiencies*	Horizontal Deficiencies*	Safety Deficiencies (2000-2002)
	Ramp MERGE A/B	— A/B	— SB Shoulder	▲ Grade Exceeds Standard	— Segment	★ Fatal Crash
	Ramp MERGE C Urban	— C Urban	— SB Roadway	■ Insufficient Sight Distance	● Location	--- High Crash Segment
	Ramp MERGE C Rural	— C Rural	— Median	● Substandard Vertical Curve	See Table 3-4 for Interchange Deficiencies	
	Ramp MERGE D	— D	— NB Roadway	★ Substandard Vertical Clearance		
	Ramp MERGE E/F	— E/F	— NB Shoulder			

*Source: I-81 Concept Studies



Existing Corridor Conditions

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Figure 3-5

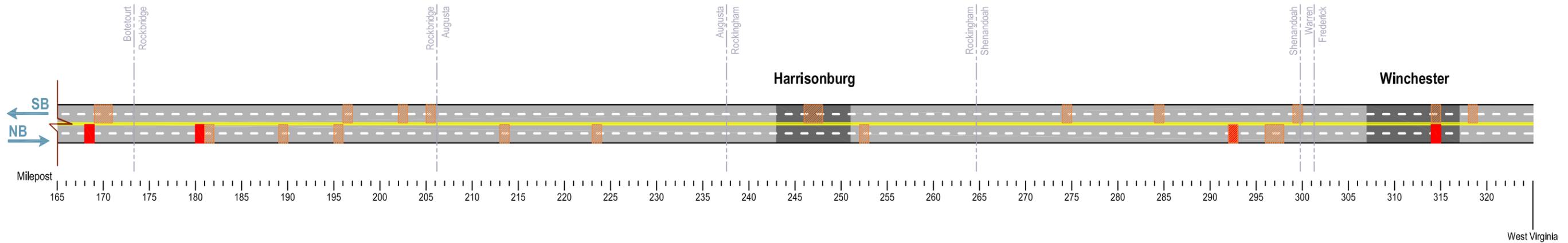
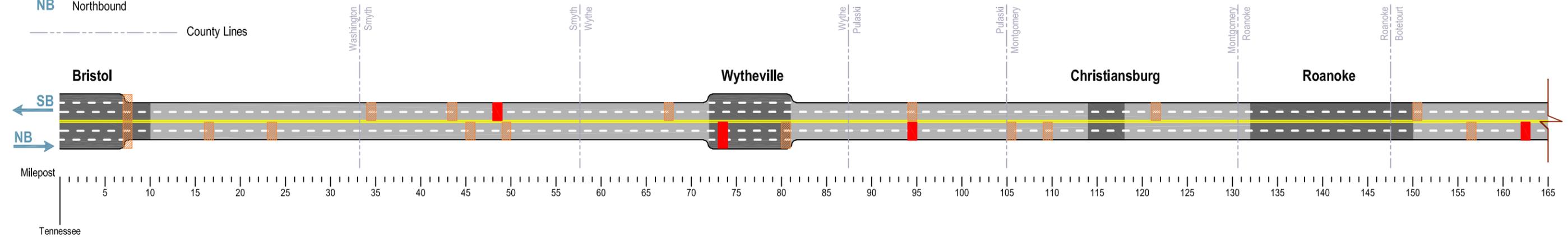
- Segments identified with crash rates more than double the statewide weighted average
- Segments identified with crash rates more than 25% higher than the statewide weighted average

Urban Area

SB Southbound

NB Northbound

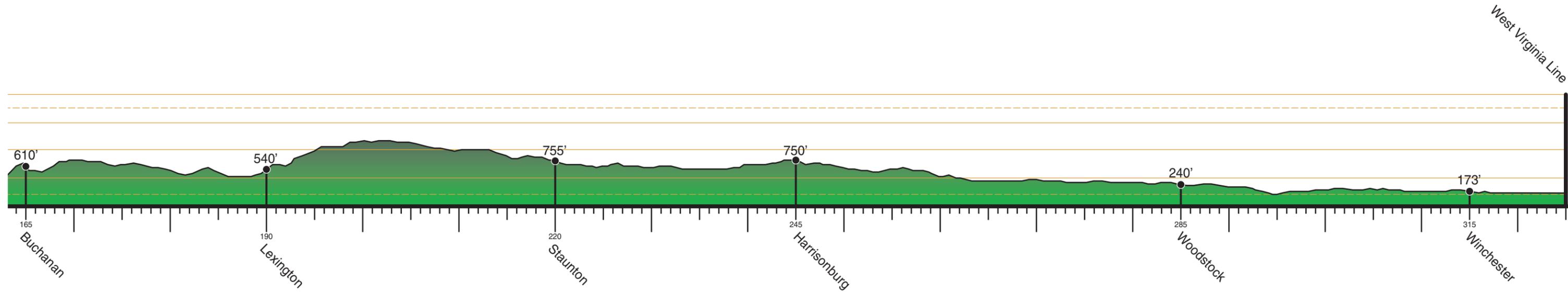
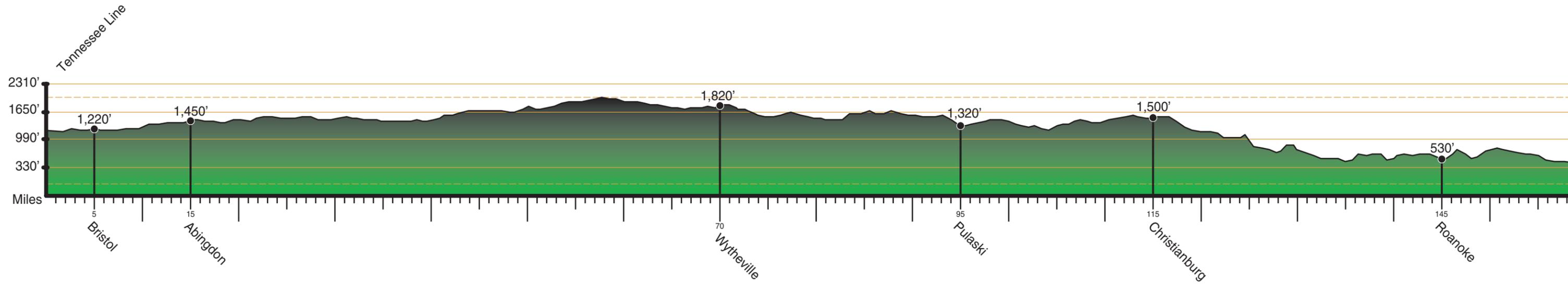
County Lines



Note: The cross-section shown above represents the existing I-81 cross-section.



I-81 High Crash Rate Locations



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Existing Elevation Profile