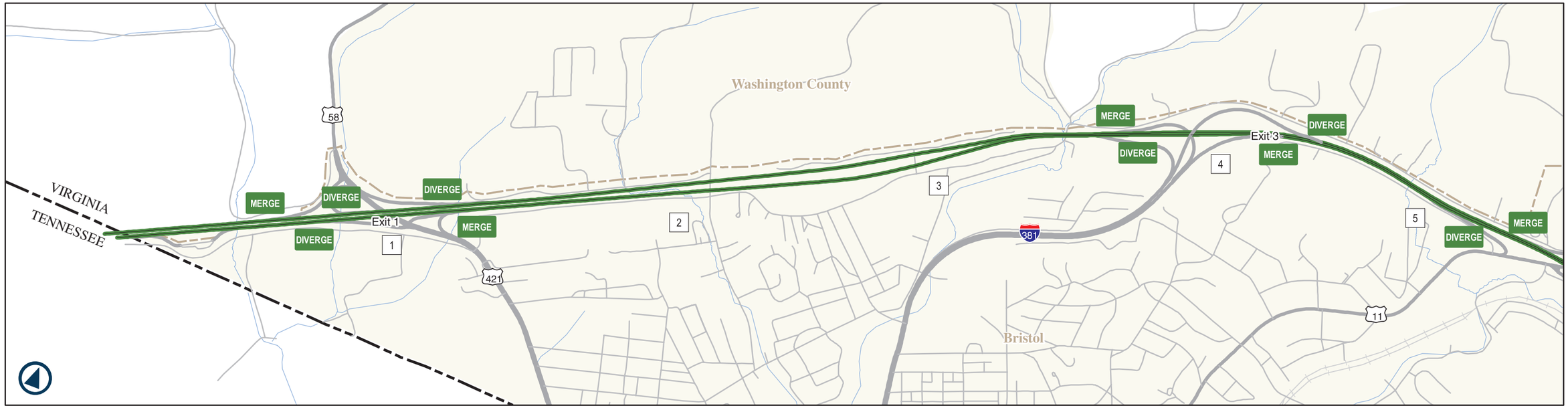
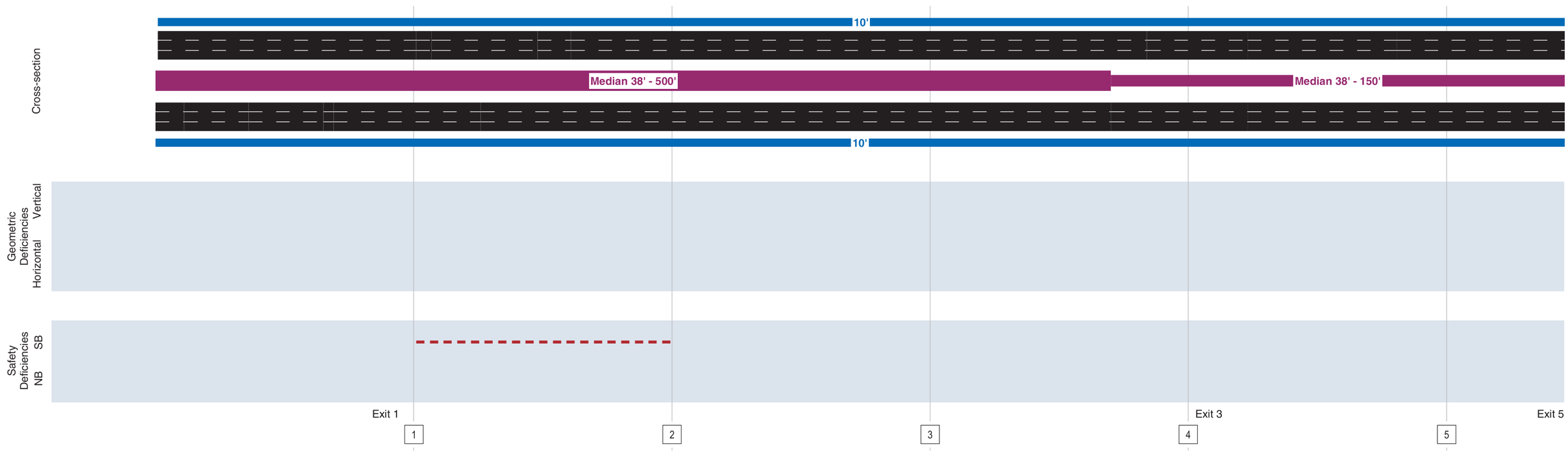
\\Mawald\checkin\31698\GIS\project\I81-2000-existing-final-mod.mxd





Milepost

Ramp LOS
- Ramp MERGE A/B
- Ramp MERGE C Urban
- Ramp MERGE C Rural
- Ramp MERGE D
- Ramp 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

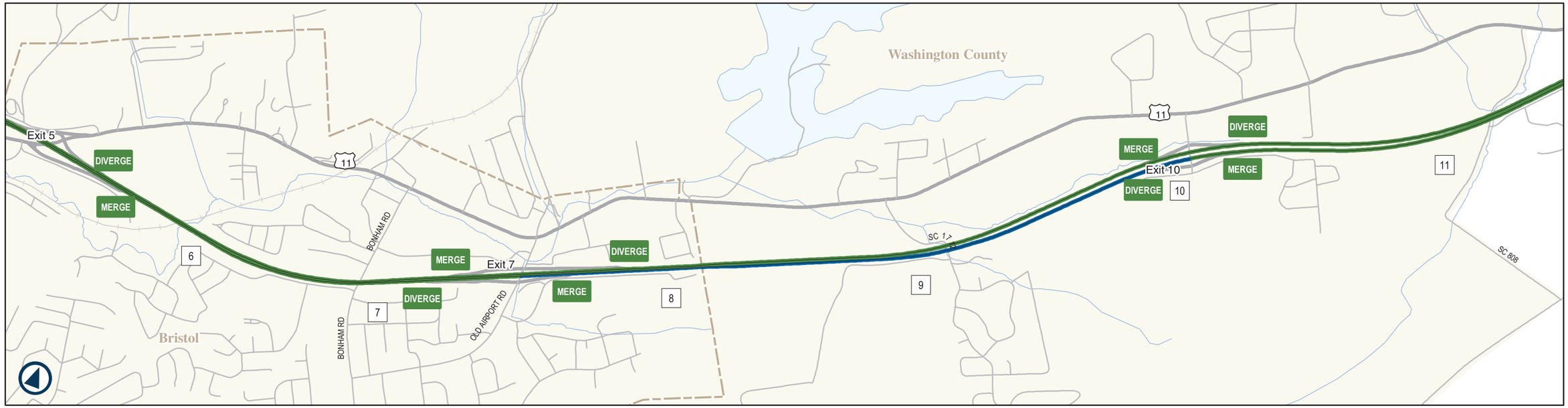
Sheet 1 of 57

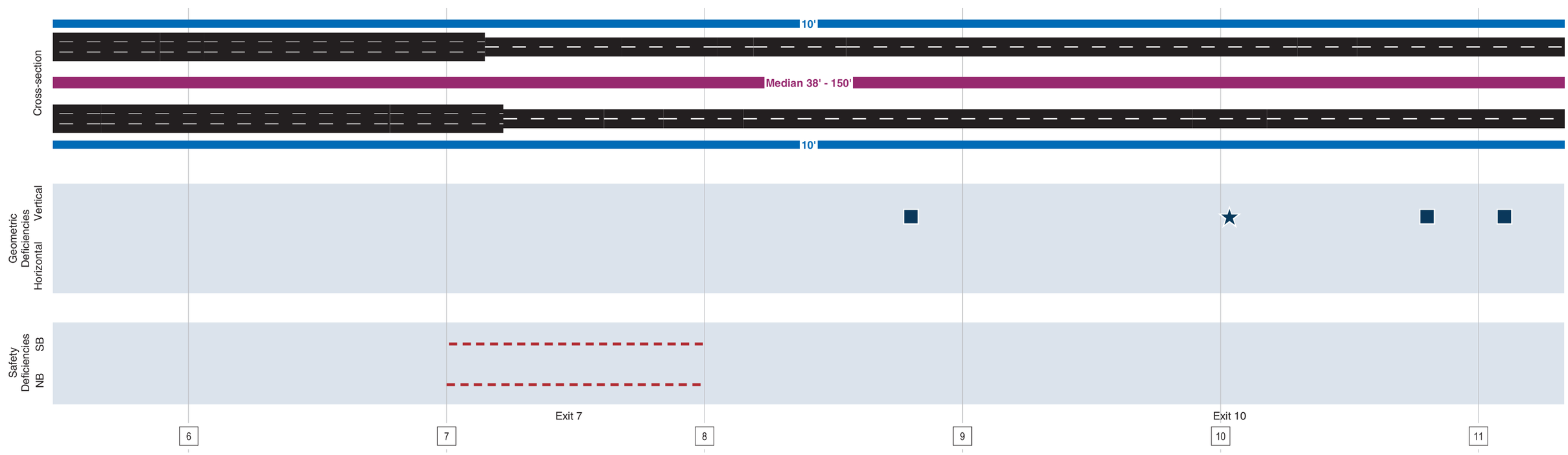
0 1,000 2,000 Feet

Figure 3-5

I-81 CORRIDOR IMPROVEMENT STUDY

\\Mawald\checkin\31698\GIS\project\I81-2000-existing-final-mod.mxd





Milepost

Ramp LOS
- Ramp MERGE A/B
- Ramp MERGE C Urban
- Ramp MERGE C Rural
- Ramp MERGE D
- Ramp 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

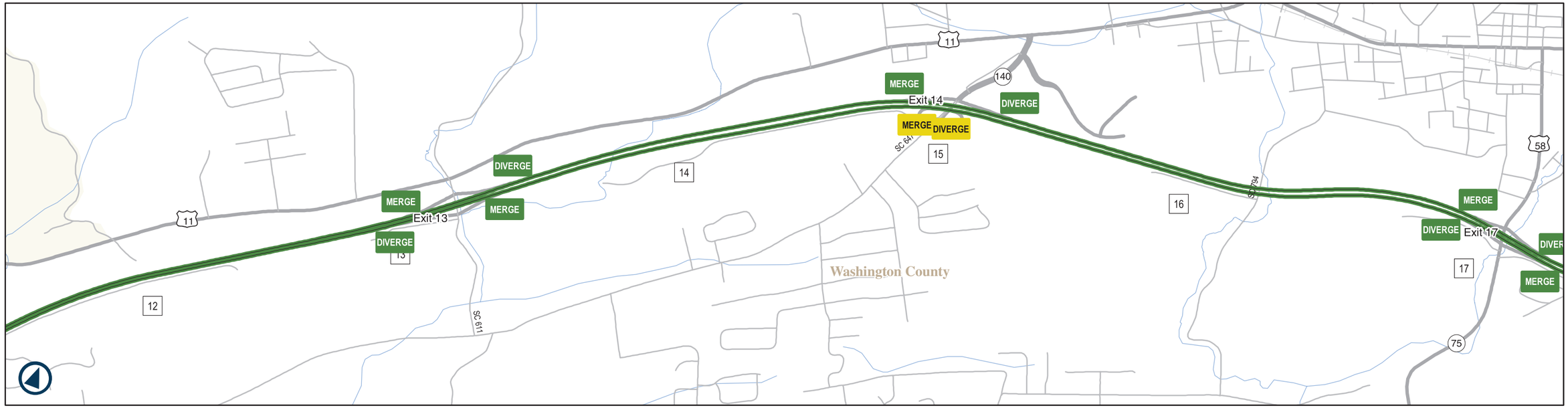
Sheet 2 of 57

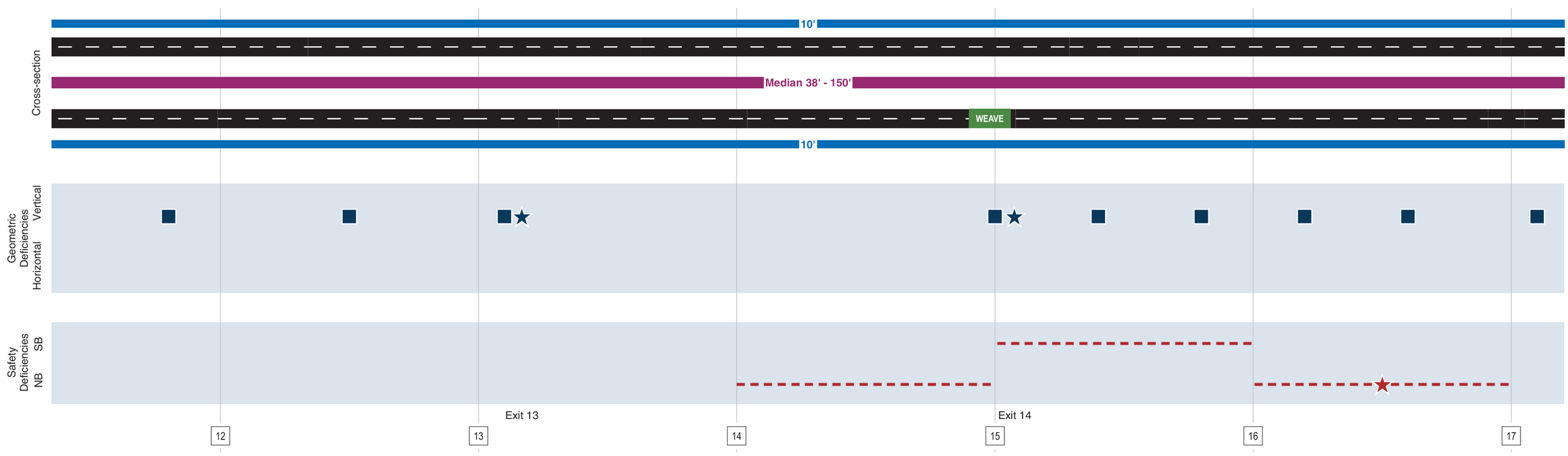
0 1,000 2,000 Feet

Figure 3-5

I-81 CORRIDOR IMPROVEMENT STUDY

\\Mawald\checkin\31698\GIS\project\I81-2000-existing-final-mod.mxd





Milepost

Ramp LOS

- Ramp MERGE A/B
- Ramp MERGE C Urban
- Ramp MERGE C Rural
- Ramp MERGE D
- Ramp 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

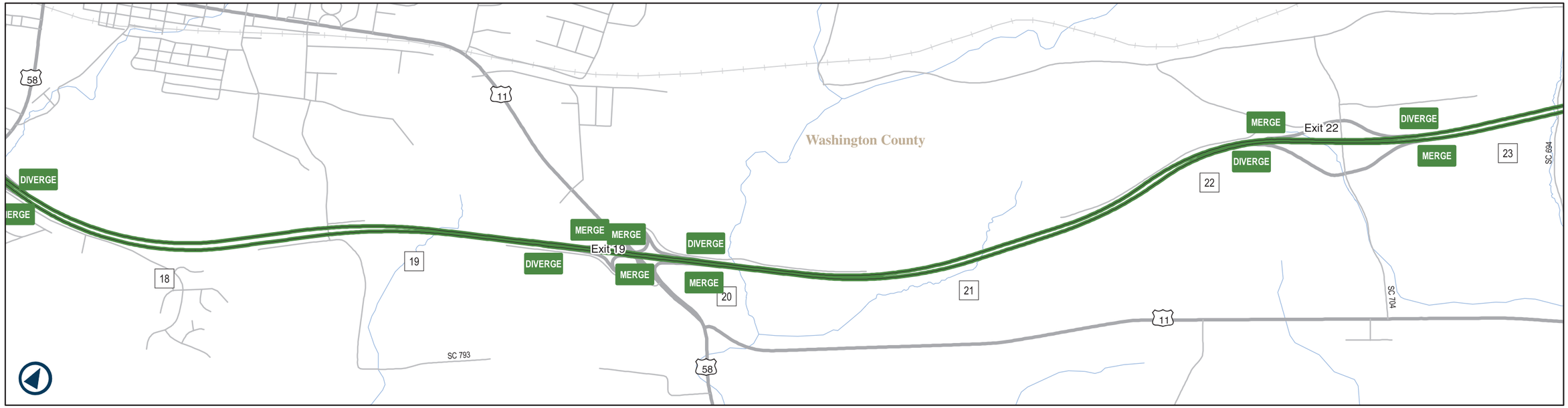
Sheet 3 of 57

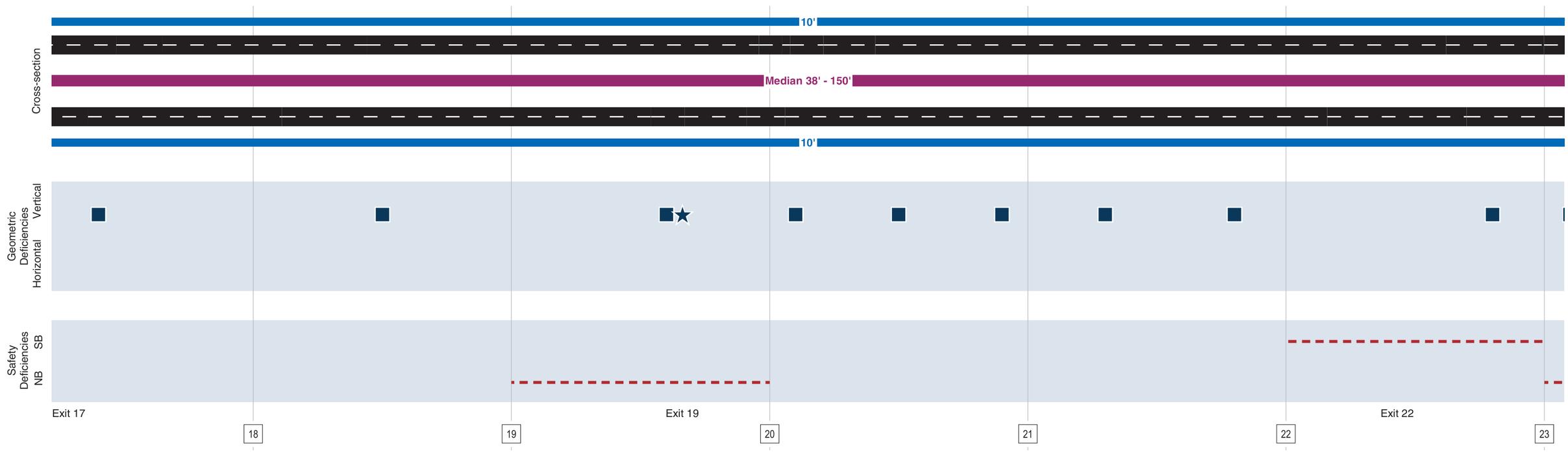
0 1,000 2,000 Feet

Figure 3-5

I-81 CORRIDOR IMPROVEMENT STUDY

\\Mawald\checkin\31698\GIS\project\I81-2000-existing-final-mod.mxd





#	Milepost

Ramp LOS

Ramp	MERGE	A/B
Ramp	MERGE	C Urban
Ramp	MERGE	C Rural
Ramp	MERGE	D
Ramp	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

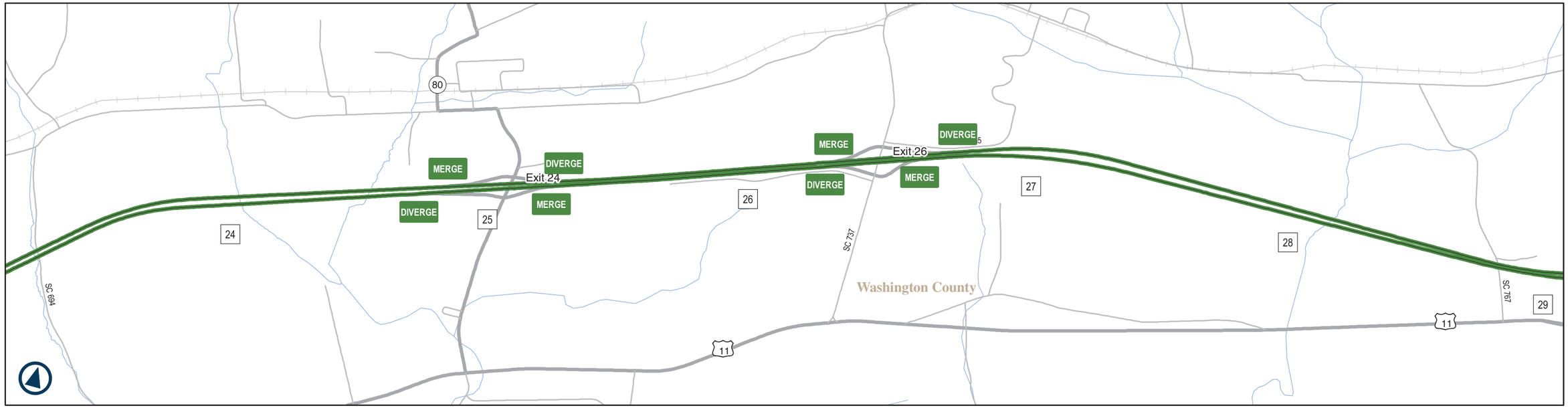
Sheet 4 of 57

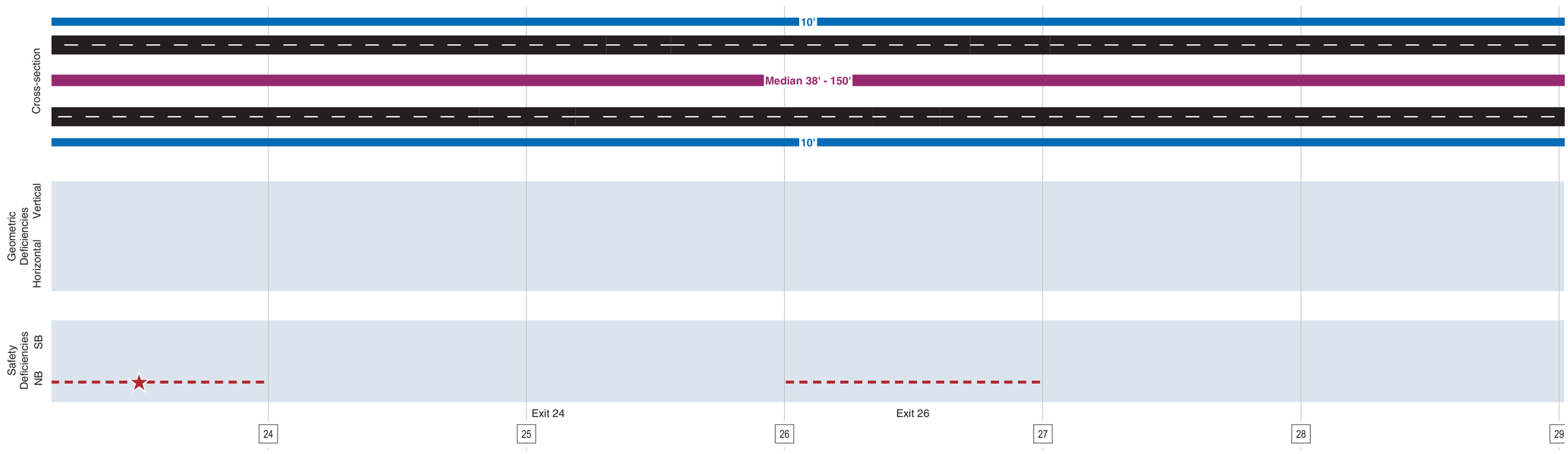
0 1,000 2,000 Feet

Figure 3-5

I-81 CORRIDOR IMPROVEMENT STUDY

\\Mawald\checkin\31698\GIS\project\I81-2000-existing-final-mod.mxd





Milepost

Ramp LOS
- Ramp MERGE A/B
- Ramp MERGE C Urban
- Ramp MERGE C Rural
- Ramp MERGE D
- Ramp 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

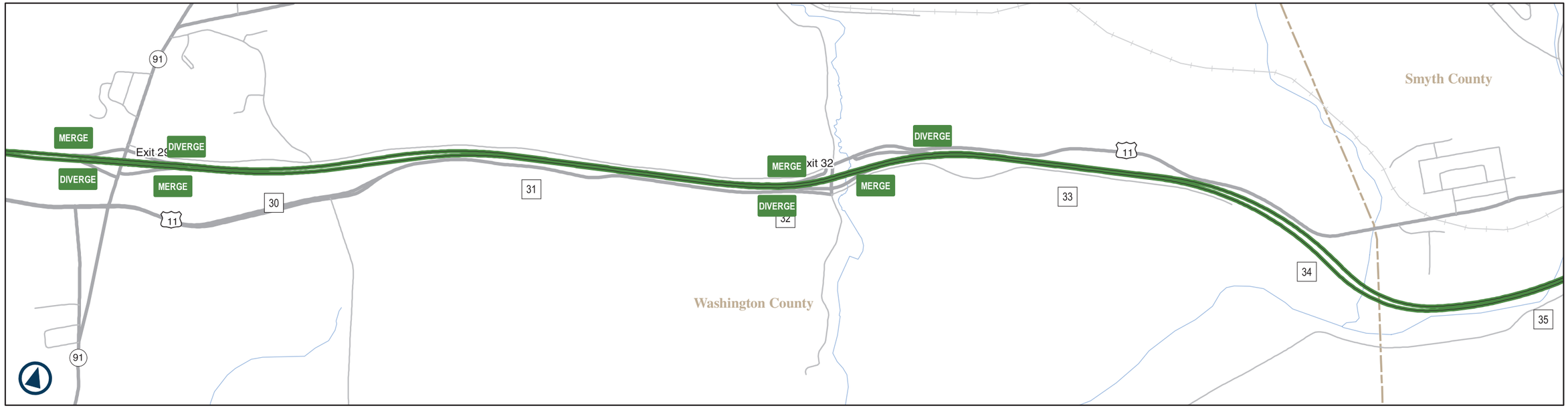
Sheet 5 of 57

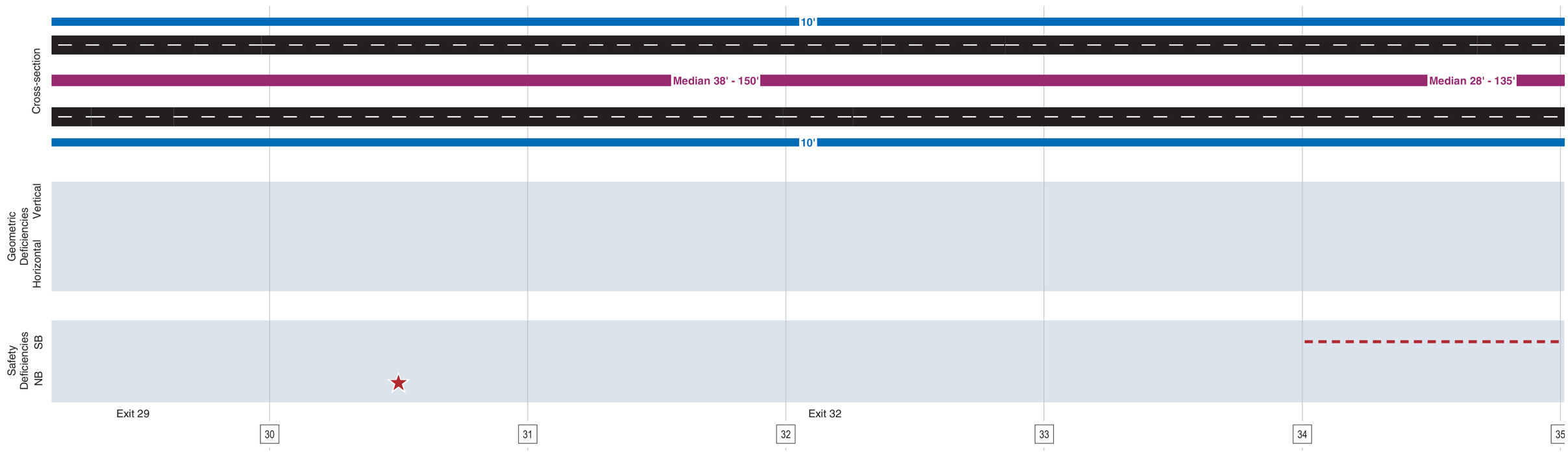
0 1,000 2,000 Feet

Figure 3-5

I-81 CORRIDOR IMPROVEMENT STUDY

\\Mawald\checkin\31698\GIS\project\I81-2000-existing-final-mod.mxd





Milepost

Ramp LOS
- Ramp MERGE A/B
- Ramp MERGE C Urban
- Ramp MERGE C Rural
- Ramp MERGE D
- Ramp 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

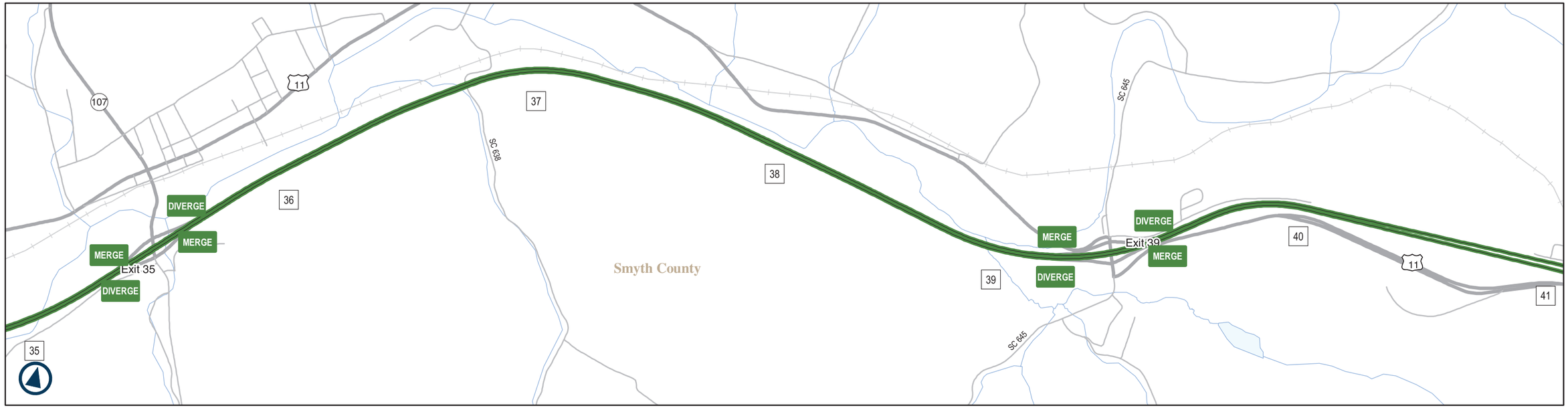
Sheet 6 of 57

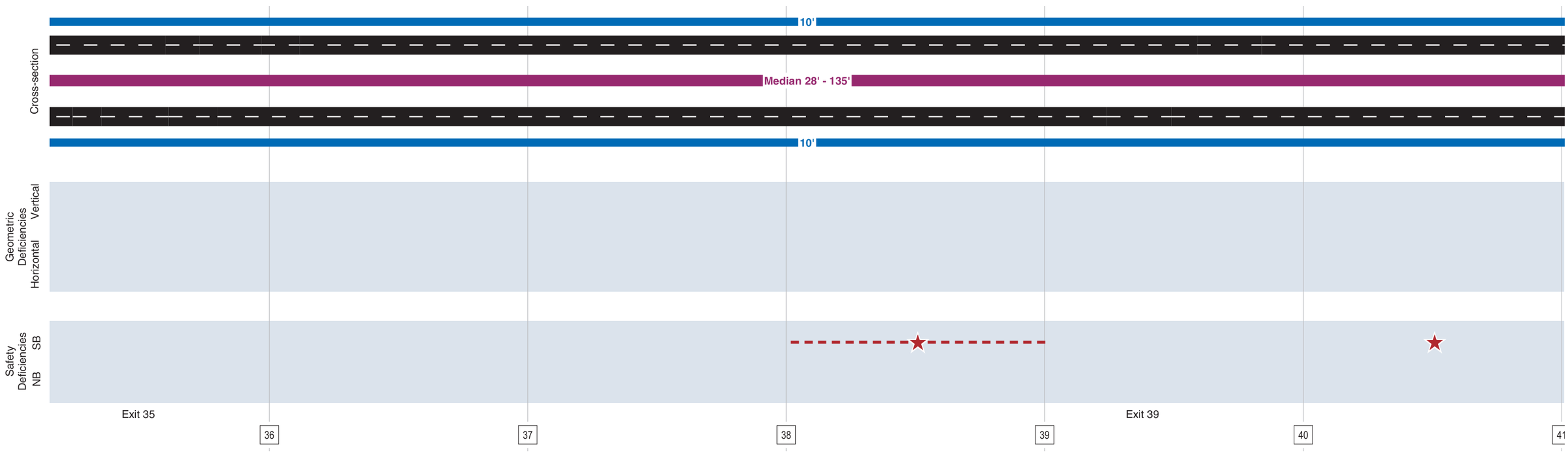
0 1,000 2,000 Feet

Figure 3-5

I-81 CORRIDOR IMPROVEMENT STUDY

\\Mawald\checkin\31698\GIS\project\I81-2000-existing-final-mod.mxd





Milepost

Ramp LOS

- Ramp MERGE A/B
- Ramp MERGE C Urban
- Ramp MERGE C Rural
- Ramp MERGE D
- Ramp 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

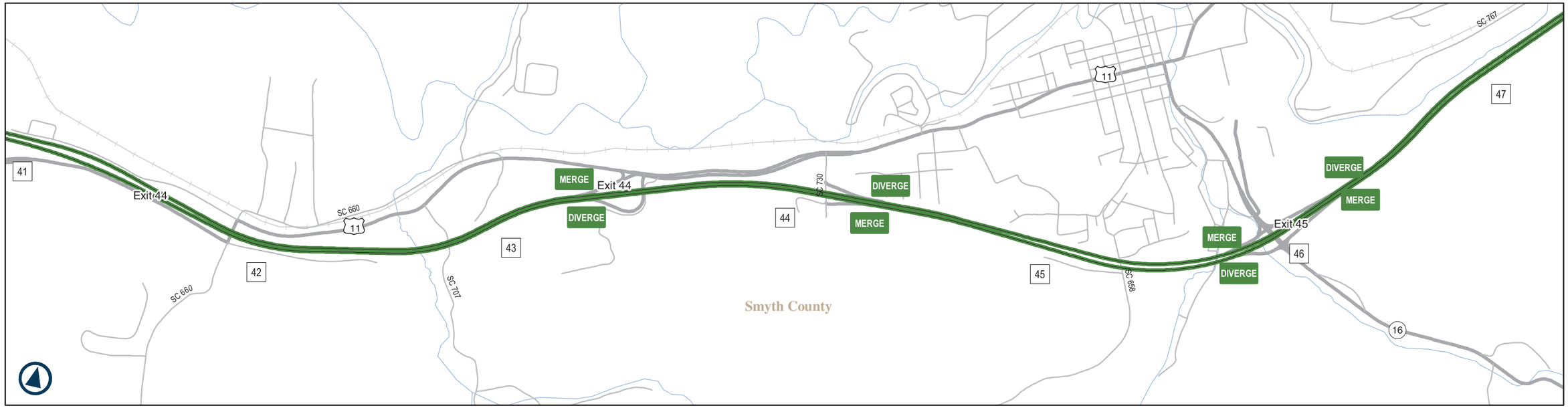
Sheet 7 of 57

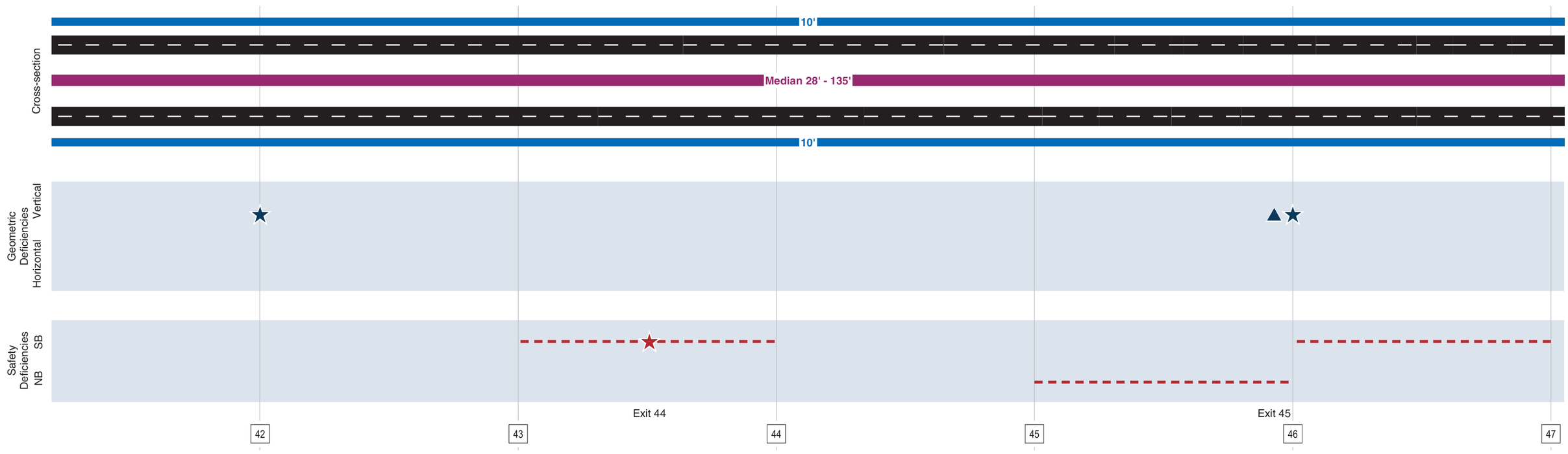
0 1,000 2,000 Feet

Figure 3-5

I-81 CORRIDOR IMPROVEMENT STUDY

\\Mawald\checkin\31698\GIS\project\I81-2000-existing-final-mod.mxd





#	Milepost

Ramp LOS

Ramp	MERGE	A/B
Ramp	MERGE	C Urban
Ramp	MERGE	C Rural
Ramp	MERGE	D
Ramp	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

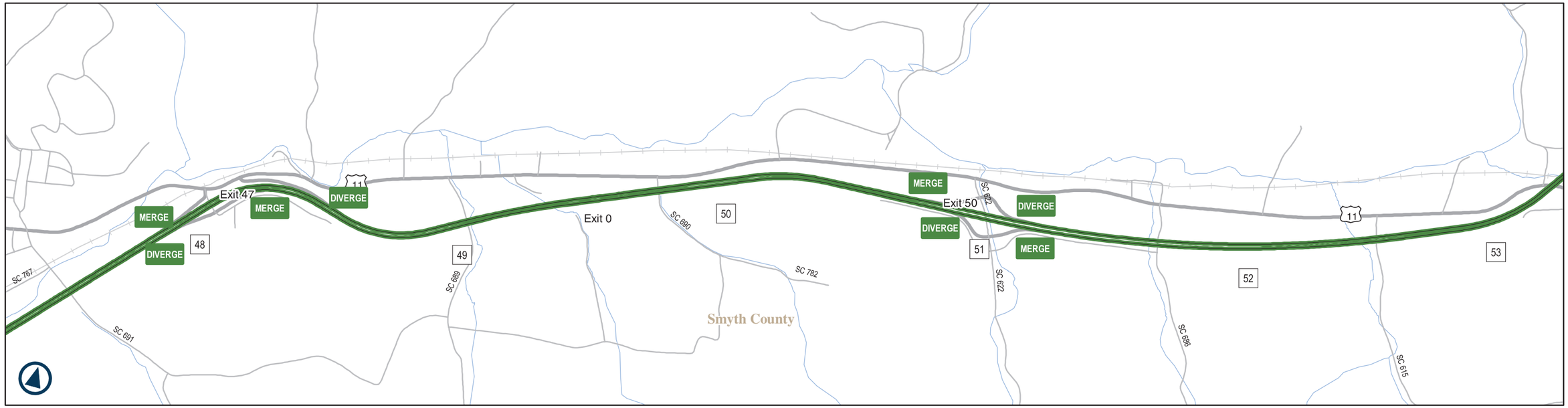
Sheet 8 of 57

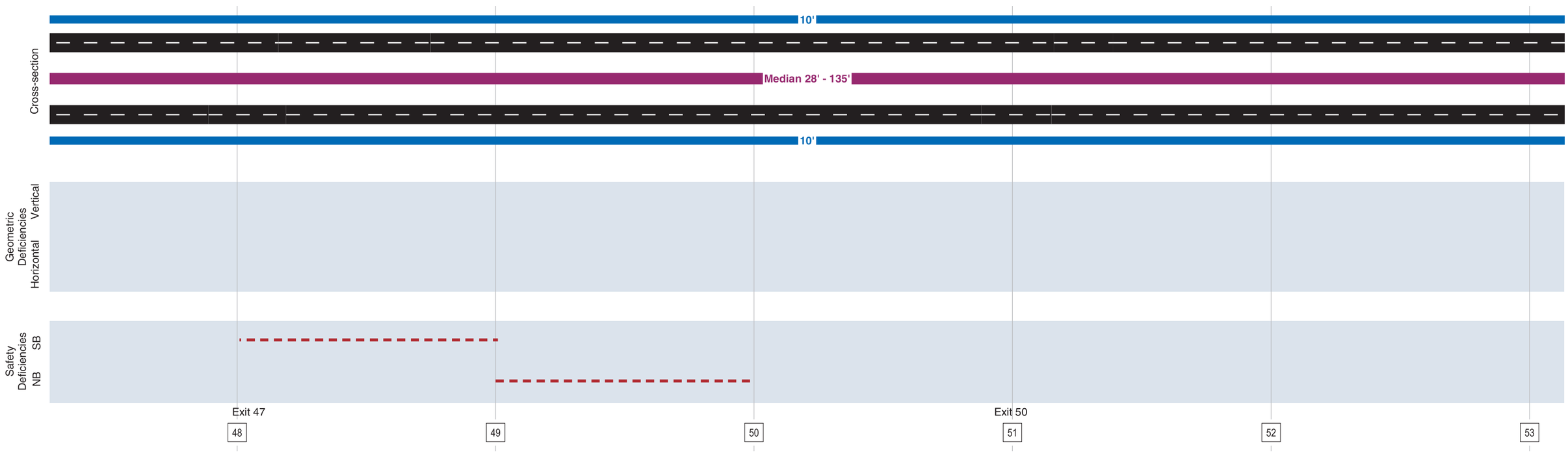
0 1,000 2,000 Feet

Figure 3-5

I-81 CORRIDOR IMPROVEMENT STUDY

\\Mawald\checkin\31698\GIS\project\I81-2000-existing-final-mod.mxd





Milepost

Ramp LOS
- Ramp MERGE A/B
- Ramp MERGE C Urban
- Ramp MERGE C Rural
- Ramp MERGE D
- Ramp 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

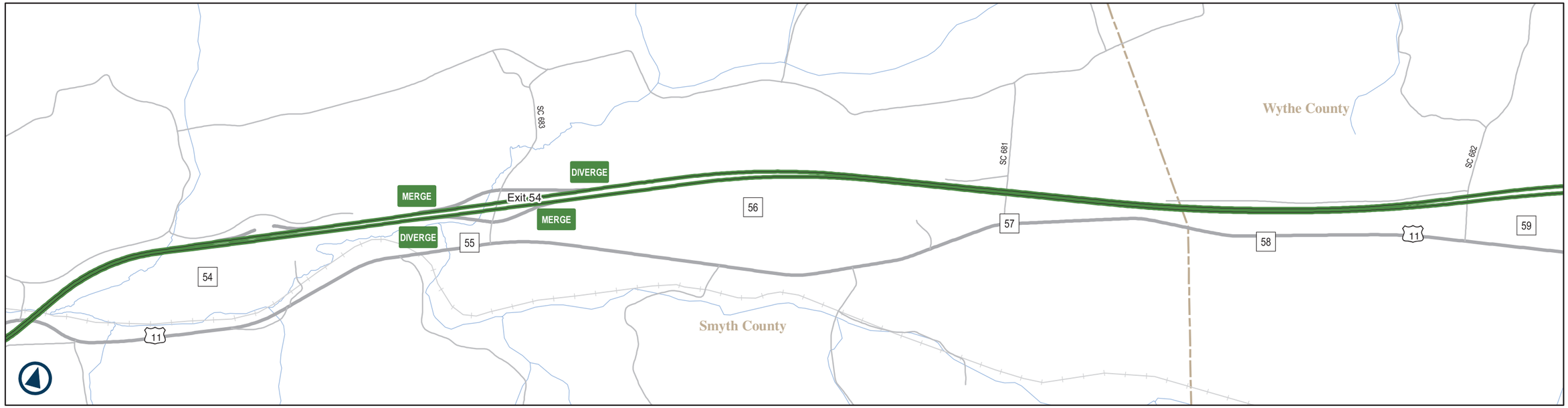
Sheet 9 of 57

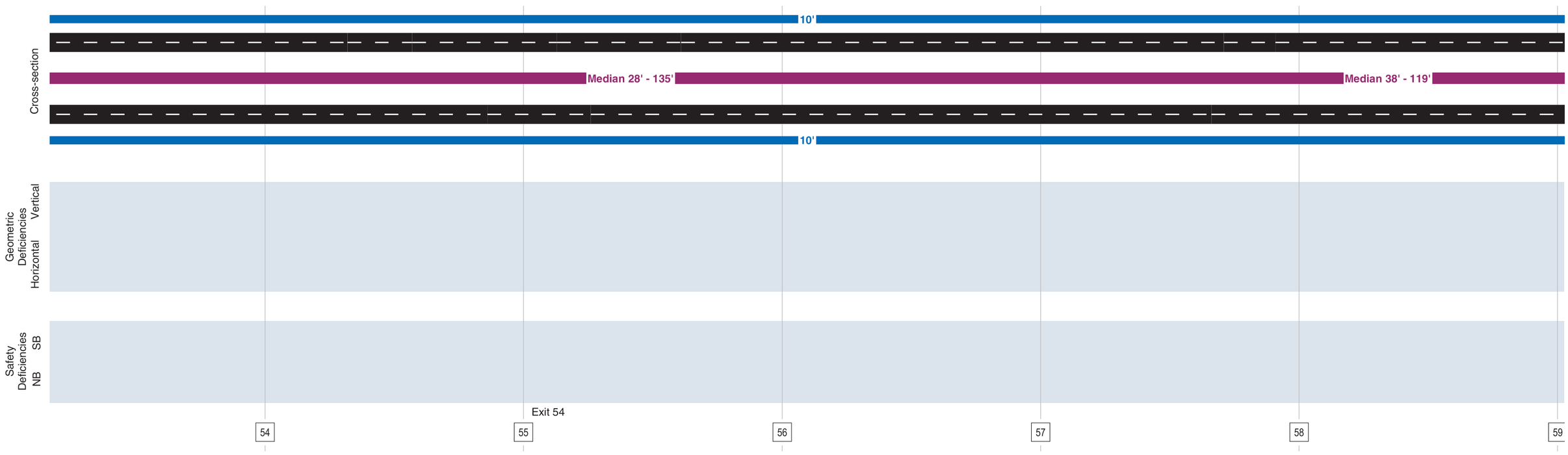
0 1,000 2,000 Feet

Figure 3-5

I-81 CORRIDOR IMPROVEMENT STUDY

\\Mawald\checkin\31698\GIS\project\I81-2000-existing-final-mod.mxd





Milepost

Ramp LOS

- Ramp MERGE A/B
- Ramp MERGE C Urban
- Ramp MERGE C Rural
- Ramp MERGE D
- Ramp 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

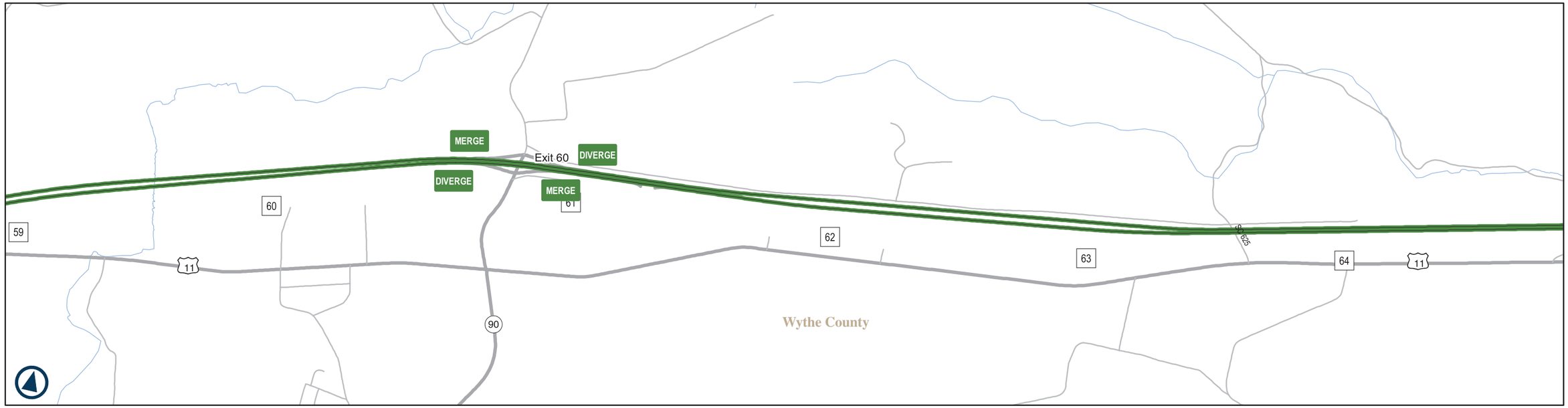
Sheet 10 of 57

0 1,000 2,000 Feet

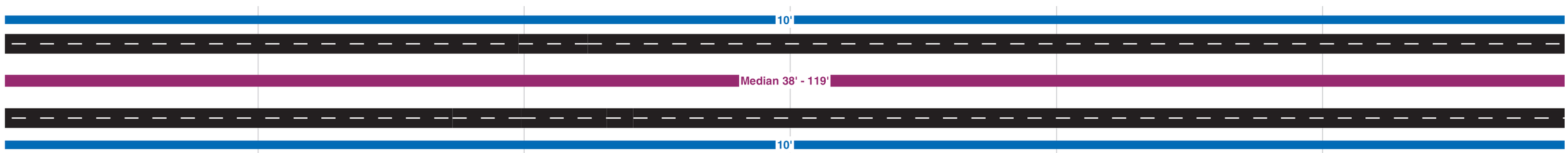
Figure 3-5

I-81 CORRIDOR IMPROVEMENT STUDY

\\Mawald\checkin\31698\GIS\project\I81-2000-existing-final-mod.mxd



Traffic Operations



Cross-section

Geometric Deficiencies
Vertical
Horizontal

Safety Deficiencies
SB
NB

Exit 60

60 61 62 63 64

#	Milepost

Ramp LOS

Ramp	MERGE	A/B
Ramp	MERGE	C Urban
Ramp	MERGE	C Rural
Ramp	MERGE	D
Ramp	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

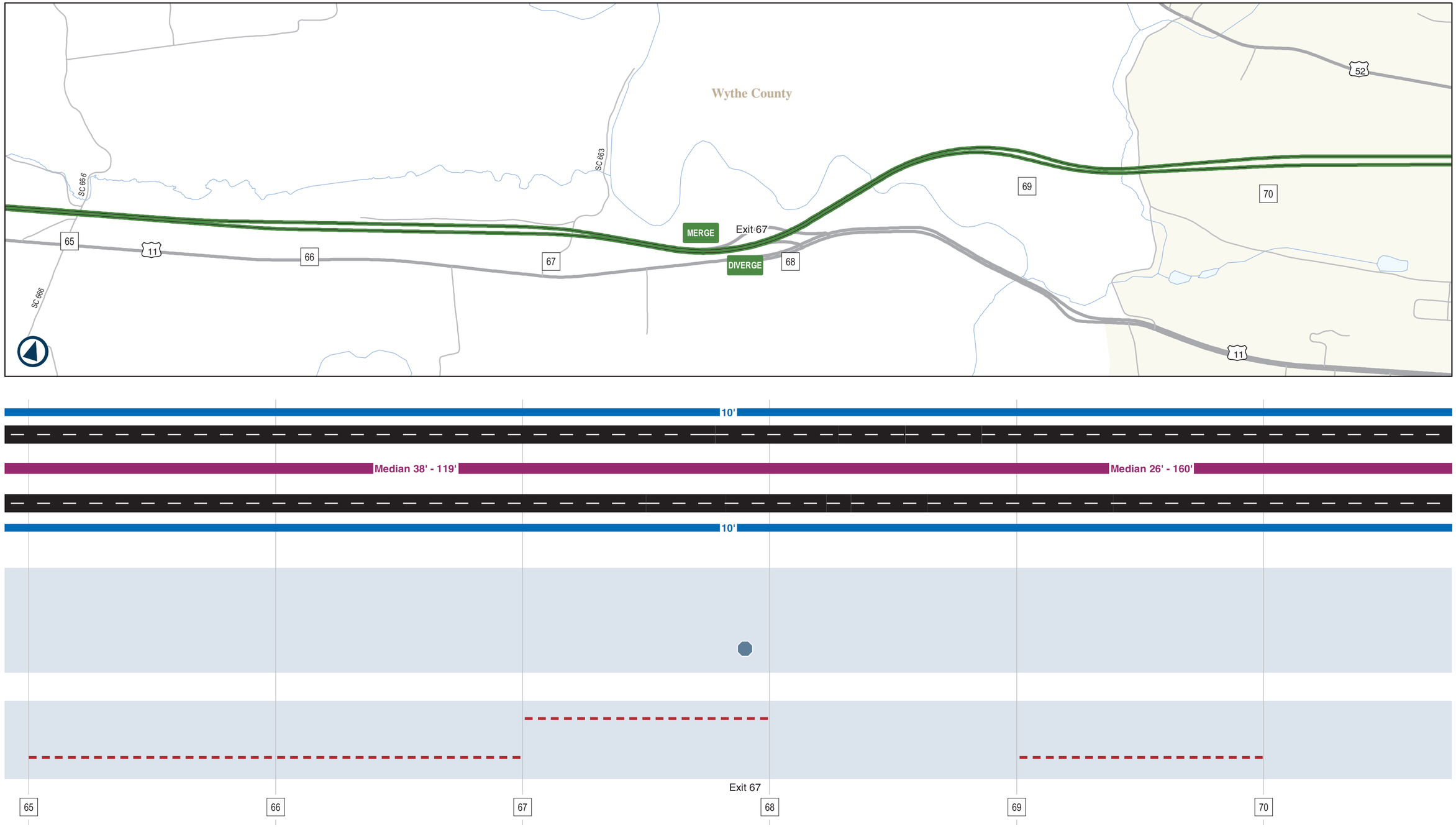
Sheet 11 of 57

0 1,000 2,000 Feet

Figure 3-5

I-81 CORRIDOR IMPROVEMENT STUDY

\\Mawald\checkin\31698\GIS\project\I81-2000-existing-final-mod.mxd



Milepost

Ramp LOS
- Ramp MERGE A/B
- Ramp MERGE C Urban
- Ramp MERGE C Rural
- Ramp MERGE D
- Ramp 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

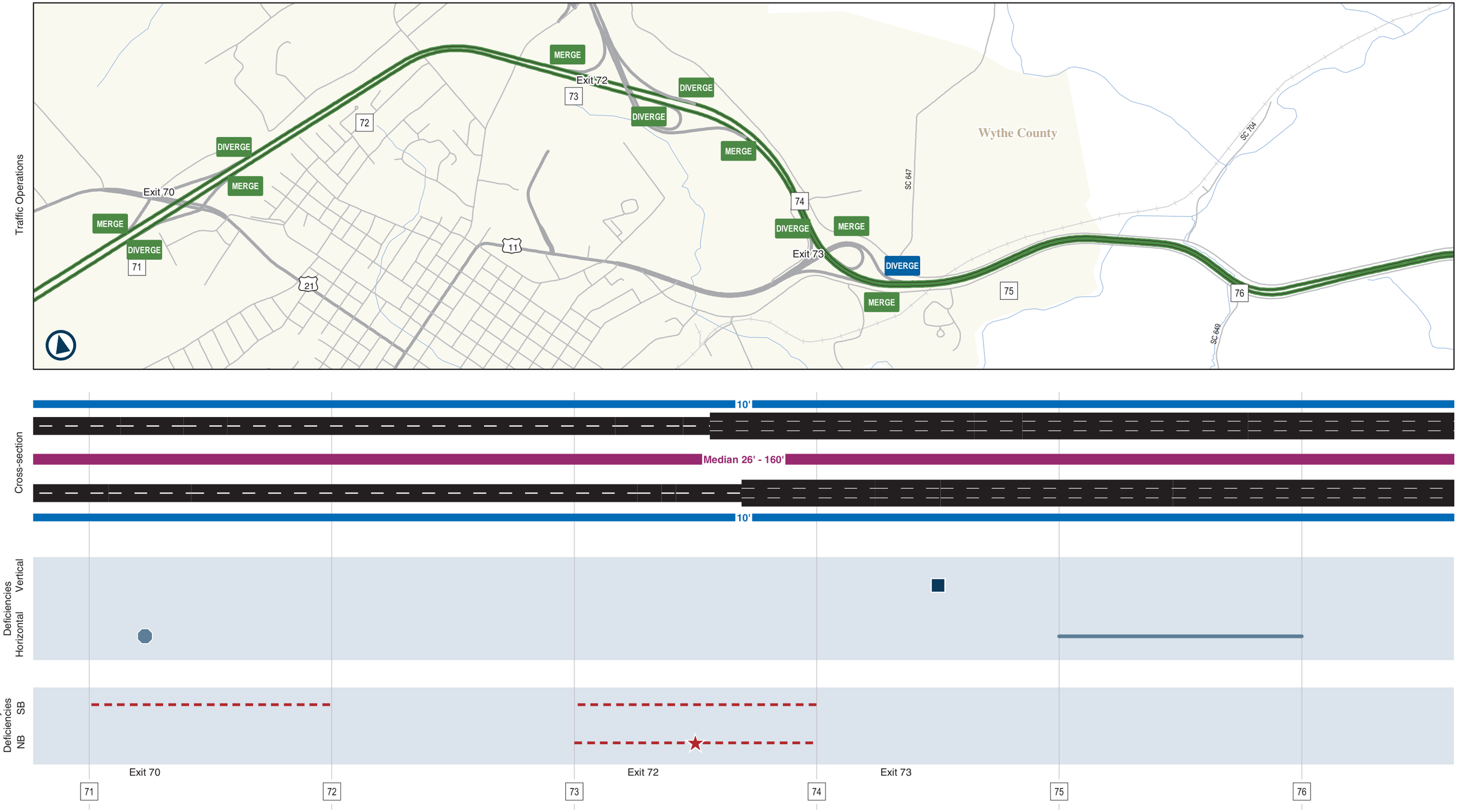
Sheet 12 of 57

0 1,000 2,000 Feet

Figure 3-5

I-81 CORRIDOR IMPROVEMENT STUDY

\\Mawald\checkin\31698\GIS\project\I81-2000-existing-final-mod.mxd



Milepost

Ramp LOS

- Ramp MERGE A/B
- Ramp MERGE C Urban
- Ramp MERGE C Rural
- Ramp MERGE D
- Ramp 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

Sheet 13 of 57

0 1,000 2,000 Feet

Figure 3-5

I-81 CORRIDOR IMPROVEMENT STUDY