



Corridor Improvements

FUTURE TRAFFIC

Projected 2039 Level of Service (LOS) Conditions at Intersections Along the Hwy 78 Corridor

LEGEND

LOS

- A
- D
- F
- Better than No Build
- Worse than No Build
- No Significant Change

LEVEL OF SERVICE (LOS)

LOS A
Free Flow

LOS D
Approaching Unstable Flow

LOS F
Forced Flow



- Alternative 1**
- Intersection Improvements
 - 10' MUP and 5' sidewalk throughout corridor
- Alternative 2**
- Intersection Improvements
 - 3 Lane Widening from BGM to Fairground
 - 10' MUP and 5' sidewalk throughout corridor
- Alternative 3**
- Intersection Improvements
 - 5 Lane Widening from BGM to Fairground
 - 10' MUP and 5' sidewalk throughout corridor
- Alternative 4**
- Intersection Improvements
 - 5 Lane Widening from BGM to Fairground
 - 6 Lane Widening from I-26 to Rivers Ave
 - 10' MUP and 5' sidewalk throughout corridor



Corridor Improvements

TRAFFIC ANALYSIS SUMMARY

Years 2029, 2039 and 2049 analyzed

Incorporated Projects:

- Lowcountry Rapid Transit 30% Design
- Berlin G. Myers Pkwy. Extension

Traffic volumes:

- Approximately 48,000 daily vehicles south of College Park Road/Ladson Road area
- Approximately 16,000 daily vehicles north of College Park Road/Ladson Road area

		Number of Locations where Level of Service Improves or Declines when Compared to the No Build Alternative						
Costs			Year 2029		Year 2039		Year 2049	
\$	Alternative 1 • Intersection Improvements • 10' MUP and 5' sidewalk throughout corridor	Roadway Segments	✓ 9	✗ 2	✓ 11	✗ 0	✓ 5	✗ 0
		Intersections	✓ 2	✗ 2	✓ 5	✗ 1	✓ 4	✗ 2
\$\$	Alternative 2 • Intersection Improvements • 3 Lane Widening from BGM to Fairground • 10' MUP and 5' sidewalk throughout corridor	Roadway Segments	✓ 11	✗ 3	✓ 12	✗ 0	✓ 8	✗ 0
		Intersections	✓ 17	✗ 0	✓ 14	✗ 0	✓ 12	✗ 0
\$\$\$	Alternative 3 • Intersection Improvements • 5 Lane Widening from BGM to Fairground • 10' MUP and 5' sidewalk throughout corridor	Roadway Segments	✓ 7	✗ 4	✓ 5	✗ 1	✓ 3	✗ 1
		Intersections	✓ 18	✗ 0	✓ 15	✗ 2	✓ 9	✗ 3
\$\$\$\$	Alternative 4 • Intersection Improvements • 5 Lane Widening from BGM to Fairground • 6 Lane Widening from I-26 to Rivers Ave • 10' MUP and 5' sidewalk throughout corridor	Roadway Segments	✓ 13	✗ 3	✓ 15	✗ 3	✓ 6	✗ 6
		Intersections	✓ 15	✗ 11	✓ 15	✗ 11	✓ 8	✗ 10

✓ = IMPROVE ✗ = DECLINE