

# MISSISSIPPI GULF COAST UNFUNDED LOCAL ROAD TRANSPORTATION PROJECT NEEDS

PLANNING  
FOR THE NEXT  
**10**  
YEARS



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# Roadway Capacity Projects

This list includes local roadway projects identified by GRPC congestion management planning. Volumes and capacities for each network link were used to develop the V/C ratio, which compares the existing traffic volumes to the capacity the roadways were designed to handle. Segments with a V/C ratio greater than 1.0 are considered over capacity. Most of the roadways identified here will need to have capacity expanded by adding travel lanes, however in some cases, capacity can be increased enough with new turn lanes at the intersections or the installation of a center turn lane.

Dedeaux Road PH III Dede Drive to Jessica Drive		
Agency	AADT	Length
City of Gulfport	16,000	1.4 miles
Crash Rate	Volume/Capacity Ratio	Cost
6.0 per million	1.5	\$11,000,000

Widen to four-lane divided. In 2017-2019 there were six crashes with no moderate injuries. Five pedestrians were struck by vehicles. By 2045, traffic will increase to 19,000 vehicles a day. There is 60 feet of ROW.



Three Rivers Road Seaway Road to Dedeaux Road		
Agency	AADT	Length
City of Gulfport	14,000	1.3 miles
Crash Rate	Volume/Capacity Ratio	Cost
13.9 per million	1.3	\$4,550,000

There is between 50 and 80 feet of ROW on this roadway segment. Six crashes resulted in moderate injuries. Two pedestrians were struck by vehicles. By 2045, traffic will increase to 17,000 vehicles a day.



Canal Road I-10 to 28th Street		
Agency	AADT	Length
City of Gulfport	13,000	2.6 miles
Crash Rate	Volume/Capacity Ratio	Cost
1.0 per million	1.2	\$8,450,000

Nine injury crashes and one bicycle crash occurred between 2017 and 2019. 50 feet of ROW. By 2045, traffic will increase to 18,000 vehicles a day.



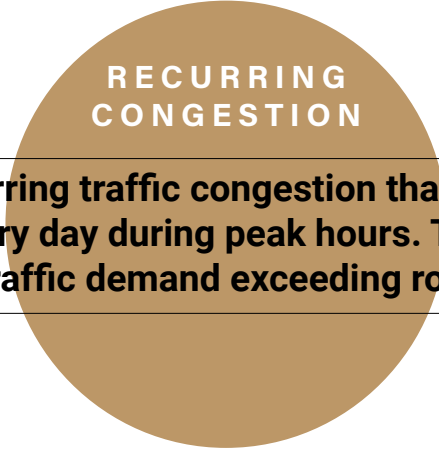
Beachview Drive Old Spanish Trail to Spring Avenue		
Agency	AADT	Length
Jackson County	11,000	1.2 miles
Crash Rate	Volume/Capacity Ratio	Cost
3.7 per million	1.03	\$3,900,000

Add turn lanes at key intersections or install a center turn lane. Between 2017 and 2019 there were two crashes with injury and one pedestrian crash. There is 50 feet of ROW. By 2045, traffic will be 12,000 AADT.



Washington Avenue Airport Road to Hewes Avenue		
Agency	AADT	Length
City of Gulfport	12,000	.53 miles
Crash Rate	Volume/Capacity Ratio	Cost
.6 per million	1.13	\$1,722,500

There was one crash with moderate injuries and no bicycle or pedestrian crashes between 2017 and 2019. There is 100 feet of ROW. By 2045, traffic will increase to 16,000 vehicles a day.



Regularly occurring traffic congestion that happens at the same time every day during peak hours. This congestion occurs due to traffic demand exceeding roadway capacity.



# Roadway Capacity Projects

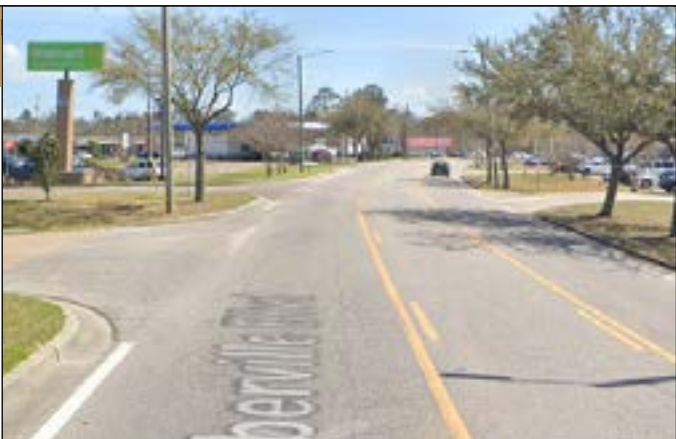
Rodriguez Street Automall Parkway to Boney Avenue		
Agency	AADT	Length
City of D'Iberville	15,000	.22 miles
Crash Rate	Volume/Capacity Ratio	Cost
2.77	1.07	\$715,000



Gex Drive I-10 to Aloha Drive		
Agency	AADT	Length
City of Diamondhead	15,000	.1 miles
Crash Rate	Volume/Capacity Ratio	Cost
20.87 per million	1.25	\$350,000



D'Iberville Boulevard Boney Avenue to Central Avenue		
Agency	AADT	Length
City of D'Iberville	14,000	.38 miles
Crash Rate	Volume/Capacity Ratio	Cost
1.89 per million	1.0	\$1,330,000



There were no moderate or serious injury crashes and no bicycle or pedestrian crashes between 2017 and 2019. There is a minimum of 45 feet of ROW.

There were 2 moderate or serious injury crashes and no bicycle or pedestrian crashes between 2017 and 2019. There is 90 feet of ROW. By 2045, traffic will increase to 18,000 vehicles a day.

There were no crashes with injuries and no bicycle or pedestrian crashes between 2017 and 2019. There is 100 feet of available ROW. By 2045, traffic will increase to 16,000 vehicles a day.

Klondyke Road 28th Street to Commission Road		
Agency	AADT	Length
City of Long Beach	14,000	1.01 miles
Crash Rate	Volume/Capacity Ratio	Cost
1.29 per million	1.10	\$3,282,500



There were no crashes with injuries and one pedestrian crashes between 2017 and 2019. There is only 40 feet of ROW. By 2045, traffic will increase to 16,000 vehicles a day

28th Street Canal Road to 34th Avenue		
Agency	AADT	Length
City of Gulfport	11,000	2 miles
Crash Rate	Volume/Capacity Ratio	Cost
2.8 per million	1.12	\$7,00,000



There is 60 to 90 feet of available ROW. There were five injury crashes, and two crashes involving pedestrians between 2017 and 2019. By 2045, traffic will increase to 15,000 vehicles a day

Canal Road I-10 to Landon Road		
Agency	AADT	Length
City of Gulfport	15,000	.84 miles
Crash Rate	Volume/Capacity Ratio	Cost
2.9 per million	1.4	\$4,900,000



Traffic has increased significantly on this road over the past few years. Improvements need to be made to accommodate the current traffic. By 2045 the traffic here may be as high as 19,000 vehicles a day.

- CONGESTION MITIGATION**
- Add travel lanes
  - Add a center turn lane (CTL)
  - Add or widen shoulders
  - Provide turn lanes along the corridor

\* 2045 traffic forecast provided by GRPC's travel demand model.  
 \*Crash rate - Crashes per million vehicles 2017-2019 SAMS crash data.  
 \*Cost - Estimates developed using MDOT's Chart for Preliminary Cost Estimates from the 2045 MTP