

EMPHASIS AREA: INTERSECTIONS

GULF COAST VISION ZERO ACTION PLAN

Through a partnership between the Mississippi Department of Transportation (MDOT) and Gulf Regional Planning Commission (GRPC), a Local Road Safety Plan was completed that analyzed crash data to identify intersections with safety concerns. Through this partnership, crash data was analyzed across Hancock, Harrison, and Jackson counties. Emphasis areas were identified, and stakeholders were convened to gather input. Countermeasures were identified to reduce and prevent future crashes.

In 2023 a supplemental planning analysis was completed to make the LRSP meet the criteria established for the SS4A Action Plan.

Crash data from 2019-2022 was analyzed to identify intersections that are experiencing high rates of severe crashes. Using GIS software, fatal and injury crash rates were identified for each intersection in the three county planning area. The intersections with the highest crash rates were identified as high-risk intersections.

The Mississippi Gulf Coast region has an eligible Action Plan in place to apply for Implementation Grants from USDOT's Safe Streets and Roads for All (SS4A) grant program.

SAFETY COUNTERMEASURES

When two or more roads cross at intersections, vehicles, pedestrians, and bicyclists cross paths, which can result in many different crash types. Not all intersection crashes offer the potential for a fatal or serious injury crash. As a result, the strategies to prevent or minimize intersection crashes focus on reducing or eliminating the conflicts that most frequently contributed to severe crashes and consider all modes of travel, including pedestrians and bicyclists. Possible countermeasures that would eliminate or mitigate identified safety concerns were identified based on the crash types that were occurring.

- Traffic control and operational improvements
- Signage, Advanced warning
- Geometric improvements
- Mast arms
- Signal backing plates
- Sight distances at signalized intersections
- Driver awareness of intersections and signal control
- Left and right turn lanes
- Corridor access management
- Reduced left—turn conflict intersections
- Appropriately timed yellow change interval
- Roundabouts
- J-turn

OBJECTIVE

Reduce motor vehicle crash fatalities and serious injuries

STRATEGY

Evaluating and improving the safety of intersections system-wide by considering innovative design changes, improved delineation, advanced warning, roundabouts, and pedestrian crossing improvements.

MEASURE

Number of serious injury and fatality crashes

Rate of serious injury and fatality crashes per 100 million VMT

GRPC Mission

Provide a planning process that identifies, develops, and promotes projects and programs that contribute toward a safe, efficient, and resilient Mississippi Gulf Coast transportation system.



**GULF COAST
INTERSECTIONS
WITH
HIGH-RISK
FOR SEVERE
CRASHES**

HANCOCK COUNTY
Bay St Louis US 90 & Dunbar Avenue
Bay St Louis Hwy 603 & Central Avenue
Bay St Louis US 90 & Drinkwater Road
Waveland US 90 & Kiln-Waveland Cutoff
Waveland US 90 & Lower Bay Road
Hancock County US 90 & Lakeshore Road
Hancock County Kiln-Delisle Road & Kapalama Road

HARRISON COUNTY
Biloxi Popps Ferry Road & Pass Road
Biloxi Popps Ferry Road & Atkinson Road
Biloxi Pass Road & Eisenhower Road
Biloxi Pass Road & Big Lake Road
Biloxi Pass Road & Veterans Avenue
Biloxi Popps Ferry Road & Vee Street
Biloxi Caillavet Street and Division Street

Biloxi Old Hwy 67 & Old Hwy 15
Biloxi I-110 & US 90
Biloxi US 90 & Rodenberg Avenue
Biloxi US 90 & Beauvoir Road
D'Iberville Lamey Bridge Road & Mallet Road
D'Iberville Rodriguez Street & I-110 south- bound exit
D'Iberville Popps Ferry Road & Lamey Street
Gulfport Pass Road & 8th Avenue

**GULF COAST
INTERSECTIONS
WITH
HIGH-RISK
FOR SEVERE
CRASHES**

Gulfport Pass Road & Gulf Avenue
Gulfport Three Rivers Road & Dedeaux Road
Gulfport Pass Road & Hwy 605
Gulfport Pass Road & Courthouse Road
Gulfport Three Rivers Road & Oneal Road
Gulfport US 90 & Hwy 605
Gulfport Hwy 605 & John Ross Road
Gulfport Community Road & David Street

Gulfport Pass Road & Washington Avenue
Gulfport Us 90 & 20th Avenue
Gulfport 30th Avenue & 17th Street
Gulfport Pass Road & 18th Avenue
Gulfport Pass Road & Hewes Avenue
Gulfport 42nd Avenue & West Railroad Street
Gulfport Duckworth Road & Three Rivers Road
Gulfport East Railroad Street & Pratt Ave- nue

Gulfport US 49 & Creosote Road
Gulfport US 49 & 28th Street
Gulfport US 48 & 34th Street
Gulfport US 49 & Hwy 53
Long Beach Pineville Road & Old Pass Road
Long Beach US 90 & Jeff Davis Avenue
Pass Christian US 90 & Menge Avenue
Harrison County MS 605 & Three Rivers Road

**GULF COAST
INTERSECTIONS
WITH
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FOR SEVERE
CRASHES**

Harrison County Vidalia Road & 16th Section Road
Harrison County US 49 & West Wortham Road
Harrison County US 49 & East Wortham Road
Harrison County Saucier-Lizana Road & West Wortham Road
Harrison County Old Hwy 49 & West Wortham Road
JACKSON COUNTY
Gautier Old Spanish Trail & Ladnier Road
Gautier Gautier-Vancleave Road & Valley Wood Drive

Moss Point Jefferson Avenue & Macphelah Street
Moss Point Hwy 63 & Dr. Martin Luther King Jr. Drive
Moss Point Hwy 63 & Dutch Bayou Road
Moss Point Hwy 63 & Grierson Street
Moss Point Hwy 63 & Old Saraccenia Road
Ocean Springs Government Street & Halstead Road
Ocean Springs US 90 & Washington Avenue
Ocean Springs US 90 & Martin Luther King Jr Avenue

Ocean Springs US 90 & Hwy 57
Pascagoula Ingalls Avenue & Chicot Street
Pascagoula Old Mobile Highway & Chicot Street
Pascagoula Orchard Road & Bayou Cassette Parkway
Pascagoula US 90 & 14th Street
Pascagoula Old Mobile Highway & Eden Street
Jackson County Hwy 63 & Hwy 613 Hwy 63 & Hwy 614
Jackson County US 90 & Franklin Creek Road

VISION ZERO ACTION PLAN – INTERSECTIONS

