

GRPC Transportation Performance Planning



Economic Vitality

Objective

Improve the transportation system to enhance economic competition

Improve the mobility of freight by truck, rail, and other modes

Strategy

Address freight bottlenecks

Provide more direct access to developed and undeveloped areas

Performance Measure

Number of impediments on freight connectors

% of freight corridors operating under congested conditions

Value of vehicle operating cost (VMT) and travel time (VHT) in the region

Truck Travel Time Reliability (TTTR) Index

Objective

Improve mobility by reducing traffic congestion and delay

Prepare for technological advances to manage roadway demand

Strategy

Expand roadway capacity

Provide critical linkages for Gulf Coast Mobility Corridors

Provide efficient traffic operations

Performance Measure

Miles of non-interstate roads operating under congested conditions

Average travel time by mobility corridor

Hours of delay in urban area (VHD)

% person-miles traveled on the Interstate that are reliable

% person-miles traveled on the non-Interstate NHS that are reliable

Objective

Improve mobility for underserved communities

Provide a setting for regional transportation decision-making

Minimize adverse impacts to the natural and the human environment

Make the transportation system resilient mitigating stormwater runoff

Use road redundancy to provide emergency alternatives for evacuation

Strategy

Address roadways with stormwater inundation issues

Improve hurricane evacuation

Performance Measure

Number of days that Pollution Standard Index is in unhealthy range

Number of GRPC Facebook followers

Number of comments received from outreach efforts



Mobility & Accessibility



Resilience & Environment



Safety

Objective

Reduce motor vehicle crash fatalities and serious injuries

Strategically enhance corridors for safety and context

Strategy

Improve safety at intersections

Improve nighttime visibility on the Gulf Coast Mobility Corridors

Improve conditions to prevent lane departures

Provide safety education and awareness

Address aggressive driving and speed related problems

Improve railroad crossing safety

Performance Measures

Number of serious injury and fatality crashes

Number of intersections with crash rate above 1 per 100,000 vehicles

% of mobility corridors lighted and number of interchanges lighted

Number of rural lane departure crashes

Number of fatalities and rate of fatalities

Number of serious injuries and rate of serious injuries

Objective

Improve mobility and access for pedestrians and bicyclists

Reduce pedestrian and bicycle crash fatalities and serious injuries

Strategy

Expand biking/walking infrastructure on mobility corridors and each city

Performance Measure

Percent of signalized intersections suitable for pedestrian crossing

Percent of transit stops with suitable pedestrian access

Percent of federal-aid roads suitable for pedestrians and bicyclists

Number of non-motorized crashes

Number of non-motorized fatalities and serious injuries

Objective

Maintain transportation infrastructure in a good state of repair

Strategy

Prioritize maintenance

Performance Measure

% of federal-aid roads with a good (<95) or acceptable (>95 to <170) IRI

% of NHS bridges by deck area in Good condition and Poor condition

% of Interstate pavements in Good condition and Poor condition

% of non-Interstate NHS pavements in Good condition and Poor condition



Multimodal Connectivity



Preservation