

CITY OF DIAMONDHEAD TRAFFIC ENGINEERING STUDY

PROJECT NUMBER STP-0023-00(047) LPA / 106520-711000



PREPARED FOR
CITY OF DIAMONDHEAD & GULF REGIONAL PLANNING COMMISSION

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2012

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Introduction

The City of Diamondhead located in southeastern Hancock County, MS incorporated as Mississippi's newest city in February 2012. Prior to Diamondhead becoming a city, the area was governed and maintained by the Diamondhead Property Owners Association. With the newly incorporated City being required to take over responsibility for services, a structured plan was developed to address the transportation safety aspect of their roadways and to identify improvements to insure compliance with Federal and State Standards.

The City of Diamondhead who partnered with Gulf Regional Planning Commission (GRPC) and the Mississippi Department of Transportation (MDOT) approved a Local Public Agencies (LPA) Project for evaluating the City's roadway system to determine their roadway signs and marking needs. The Final Report presented is to identify the following as requested by the City of Diamondhead:

- Evaluation of Nine (9) selected intersections, identifying deficiencies which may present hazards to the road users and recommend measures that would eliminate such safety concern and improve the overall operational efficiency of the intersection.
- Evaluate each City Street for the purpose of identifying the appropriate traffic signage needs to convey a message to the road user the proper regulatory, warning and guide conditions that will result in the safe, orderly and positive movement of traffic.
- Evaluate existing roadway markings for each City Street to determine the markings current condition, compliance with roadway marking standards and recommend marking needs to communicate the proper delineation and direction to the road user.

The premise for the above mentioned evaluations / recommendations is to insure that the City of Diamondhead comply with the standard specifications outlined in the Manual on Uniform Traffic Control Devices (MUTCD). The MUTCD which was developed for the purpose of insuring uniformity and consistency of communicating messages via traffic signs, markings and or signals was developed by the Federal Highway Administration (FHWA). The current MUTCD (2009 Edition) is the most recent developed by FHWA and is the manual adopted by the Mississippi Department of Transportation (MDOT) and the Mississippi Department of Public Safety (MDPS) for use on all roadways open to the public within the State of Mississippi.