

MCGREGOR AVENUE COMPLETE STREET REVIEW MOBILE, AL

HPE RESPONSIBILITY:

Evaluate draft transportation designs for McGregor Avenue and surrounding streets in the Village of Spring Hill.

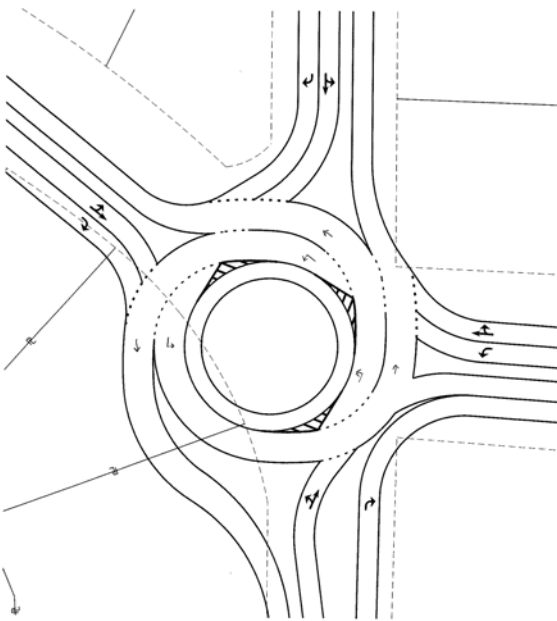
CLIENT'S NAME & ADDRESS:

Nick Amberger, PE, City Engineer
City of Mobile
P. O. Box 1827
Mobile, AL 36633
251-208-7426
nick.amberger@cityofmobile.org

Hall Planning & Engineering, Inc. worked with the City of Mobile in the “complete street” review of roundabout design in the Springhill community located at Dauphin and McGregor. HPE was responsible for the review and analysis of key plans, reports and images related to the transportation features in the surrounding area. City policies and zoning were also considered.

HPE’s analysis resulted in the following findings and recommendations:

- Design traffic volumes used for the roundabout are logically constrained to existing counts since adjacent intersections will remain unchanged.
- The 500+ turning vehicles moving between the southern and eastern legs control the intersection design
- Pedestrians will be better served with sidewalks on both sides of McGregor
- Trees will help cool the street and manage excess traffic speeds
- A center Safety Strip, with rough textured pavement will help manage speeds and facilitate left turn movements
- 10 foot travel lanes will also help manage motor vehicle speeds
- A Shared Use Lane is the recommended bicycle facility type, based on the vehicle speeds managed to 25 mph



**Draft of Proposed Roundabout Design at
McGregor and Dauphin**



Study Area