

# METRO-MOBILITY TALKS

## Traffic Signal Coordination & Development Study

STUDY TO FOCUS ON SIGNAL SYSTEMS IN THE CORPUS CHRISTI STUDY AREA

HDR/WHM Transportation Engineering (HDR/WHM) has been chosen by the Corpus Christi Metropolitan Planning Organization to conduct the Traffic Signal Coordination & Development Study, a comprehensive review of existing and recommended coordinated traffic signal systems in Corpus Christi.

The company, based in Omaha, Nebraska and with offices in Corpus Christi, San Antonio, and Austin, will also develop coordinated signal timing plans for selected signal systems. A final draft of its report will be completed by June 30, 2009. This project is part of the MPO's Fiscal Year 2008-2009 Unified Planning Work Program (UPWP).

HDR/WHM has been providing similar traffic engineering services in Texas since 1984. In 2006, HDR Engineering, Inc. acquired the company, allowing it to expand its traffic services and provide assistance to numerous metropolitan planning organizations throughout the country.

The study will address the following major topics:

- Coordinated Traffic Signal Systems Evaluation to evaluate the current state of signal coordination in the Corpus Christi metropolitan area, including signalized intersections outside the city limits, yet within Nueces County or San Patricio County.
- Upgraded Coordination for Selected Systems to develop coordinated traffic signal system timing plans for the following corridors:
  - Staples Street between McArdle Road and Saratoga Boulevard.
  - Gollihar Road between Ayers Street and Prescott Street.
  - Horne Road between Ayers Street and Prescott Street.
  - Shoreline Boulevard between IH 37 and Louisiana Parkway.
  - FM 624 between U.S. 77 and Wood River, including a new signal at River Hill Drive.
- Long-Term Plan to develop a plan for upgrading the community's coordinated signal systems.
- Signal Systems Expansion to assess the multiple existing coordinated signal systems in the Greater Corpus Christi community, and to look at opportunities for expanding the quantity of signalized intersections that are already part of a coordinated signal system.
- Documentation of Project Findings by preparing an executive summary of the overall project, incorporating appropriate material. The document will include maps to illustrate the community-wide Coordinated Signal Systems Plan as well as signal system improvements to the five corridors listed above. The report also will include tables that will provide comparisons of before and after measures of effectiveness.

If you have any questions regarding this or other Metro-Mobility Talks articles please contact us at [ccmpo@cctxmpo.us](mailto:ccmpo@cctxmpo.us) or visit our website at [www.corpuschristi-mpo.org](http://www.corpuschristi-mpo.org).