

5B. US 90A TRANSIT CORRIDOR STUDY

BACKGROUND

H-GAC, in partnership with the Gulf Coast Rail District (GCRD), conducted a study to develop feasible and reasonable transit alternative(s) for the US 90A corridor. The US 90A corridor parallels the Union Pacific Railroad (UPRR) Glidden Subdivision and passes through some of Fort Bend County's most significant and growing urban developments, including the cities of Missouri City, Stafford, Sugar Land, Richmond, and Rosenberg, as well as communities in Southwest Houston. At the corridor's eastern end is the Texas Medical Center (TMC), a major employment center that is the destination for many Fort Bend County commuters. US 90A itself does not currently have any transit priority infrastructure, even though it provides a key connection between Fort Bend County and the TMC.

The purpose of this study was to assess the technological and economic feasibility of establishing and operating efficient commuter transit service along this corridor, using modal options, including light rail transit (LRT) and bus rapid transit (BRT), which could significantly benefit mobility within the region. The goal of this study was to generate feasible and reasonable transit alternative(s) for this corridor so that the GCRD can advance into a more detailed study and analysis, with an eye toward implementation.

The study screened a variety of alignment options within the corridor, considering characteristics such as environmental factors, population and employment densities, right-of-way need, estimated ridership and high-level capital and operating costs. An alignment that follows US 90A and the Fort Bend County Toll Road was determined to rate the highest.

CURRENT SITUATION

The study is complete and the final report is available on H-GAC's Transit Studies web page (<https://www.h-gac.com/transit>) under the "MPO Transit Studies" tab. The report included recommended next steps for the GCRD to undertake as they move this project into the next phase of analysis and design.

ACTION REQUESTED

Information Update Only.