

HIGHWAY 10 CORRIDOR STUDY
AHTD JOB 061342
HWY. 10 STUDY (LITTLE ROCK)
PULASKI COUNTY

Need for Improvements

Traffic congestion is occurring on several sections of Highway 10 (Cantrell Road) during peak travel times and during incidents on Highway 10 and Interstate 430. Continued growth in the area is expected to contribute to worsening congestion.

Purpose of the Study

The purpose of this study is to determine congestion management needs, develop improvement alternatives and recommend the scope and phasing of future projects. Other long-range transportation needs in the corridor such as transit will also be considered.

Purpose of this Meeting

The purpose of this meeting is to obtain public input on traffic issues in the corridor and identify major constraints and planned developments that must be considered during this study and during the environmental study and design stages that will follow as projects are developed.

Study Area

The study area is the Highway 10 (Cantrell Road) corridor from the intersection at Ferndale Cutoff Road to the intersection of Pleasant Valley Drive. Highway 10 currently has a typical cross section that includes four travel lanes with a continuous, two-way left turn lane from Highway 300 to Rodney Parham Road. Highway 10 has two-lane and three-lane sections west of Highway 300 and four travel lanes with auxiliary lanes between Rodney Parham Road and Pleasant Valley Drive.

Current traffic ranges from approximately 8,000 vehicles per day (vpd) west of Chenal Parkway to as high as 53,000 vpd near Interstate 430. Highway 10 is an important arterial for neighborhoods and businesses in western Little Rock and serves as a main route for commuters.

Study Description

The study will evaluate the Highway 10 corridor to determine current and future (2035) traffic. Recommendations will be made to improve traffic flow through the corridor. Project phasing for corridor construction will also be developed as part of this study.