

**EXECUTIVE SUMMARY
PROGRAMMING STUDY
US 60
UNION COUNTY
STURGIS TO MORGANFIELD
ITEM NO. 4-8102.00**

The project termini are defined as US 60 from milepoint 5.671 (the intersection with KY 109 (Main Street) in Sturgis) to milepoint 16.339 (the intersection with KY 56 (Main Street) in Morganfield). The major part of any reconstruction of this roadway segment is expected to consist of a four-lane roadway with paved shoulders and a median; curb and gutter with sidewalks should be considered for the portions of the roadway that pass through Sturgis and Morganfield. The length of the project along the existing road is 10.7 miles.

Current year traffic ranges from about 4500 vehicles per day just west of Morganfield to more than 8500 vehicles per day within the City of Morganfield. Projected future year (2030) average daily traffic volumes range from about 8700 vehicles just west of Morganfield to nearly 17000 vehicles per day within the City of Morganfield.

The primary goals of this project are to provide corridor and system connectivity between recent and planned future improvements to US 60 from Paducah to Henderson; to increase capacity to handle existing and projected future traffic volumes; to improve safety by correcting horizontal and vertical curvature deficiencies and by providing lane and shoulder widths that meet current standards; and to enhance the regional and local transportation network by improving access to schools and the hospital.

The first priority segment should begin at the Morganfield Bypass and extend westward to the junction with KY 950, a distance of 4.9 miles. The second priority segment would begin at the junction with KY 950 and terminate at the junction with KY 270 west, a distance of 3.3 miles. The exact termini of the third priority section would not be determined until such time that a final Kentucky Transportation Cabinet decision has been made concerning a bypass of Sturgis. The fourth priority segment would begin at Main Street in Morganfield (MP 16.339) and terminate at the Morganfield Bypass (MP 15.412).

Estimated costs are shown in Table ES-1.

**TABLE ES-1
COST DATA BY RECOMMENDED SECTION**

Priority Segment	1	2	3	4
Development Characteristic	Primarily Rural	Rural	Urban Fringe	Urban
Western MP	10.515	7.197	5.671 ⁽²⁾	15.412
Eastern MP	15.412	10.515	7.197	16.339
Length	4.897	3.318	1.526	0.927
Preliminary Design/Location Approval	\$0.50 ⁽¹⁾	\$0.35	\$0.15	\$0.25
Final Design	\$1.50	\$1.00	\$0.40	\$0.40
R/W Acquisition	\$5.00	\$3.50	\$2.50	\$1.50
Utility Relocation	\$3.00	\$2.00	\$2.00	\$1.30
Construction	\$23.00	\$15.00	\$8.40	\$5.10
Total Cost	\$33.00	\$21.85	\$13.45	\$8.55
Total Cost per Mile	\$6.74	\$6.59	\$8.81	\$9.22

(1) All Costs in Millions; (2) Assumed to be junction with KY 109 for cost estimating purposes only.