

## STUDY DEFINITION

The Lee's Summit Road/Douglas Street corridor under assessment is 6.6 miles in length beginning on the north at an intersection with US-40 moving south to an intersection with Colbern Road. The majority of the roadway is within the city limits of Kansas City, Missouri, with the southern 1.25 miles within the City of Lee's Summit. In Kansas City, the roadway is known as Lee's Summit Road; while in Lee's Summit it is Lee's Summit Road until it intersects with Douglas Street at the access to the airport. From this point south, to and through the junction with I-470, the corridor is Douglas Street. A few hundred feet north of the intersection with US-40, Lee's Summit Road enters the city limits of Independence, Missouri. For the majority of the roadway within Kansas City, Missouri, the city limit of Lee's Summit, Missouri is less than 200 feet to the east.

With multiple jurisdictions involved, the study was organized with the City of Kansas City taking the lead in a partnership that includes Jackson County, the City of Lee's Summit, the Missouri Department of Transportation, and Mid-America Regional Council. Representatives of the partners participated on the project team and attended meetings to help meet with the public and answer questions.

### Study Context and Area

The study area follows the existing roadway corridor and encompasses all properties abutting the roadway and typically those properties one-quarter mile east or west of the corridor. In those circumstances where properties are deeper than a one-quarter mile, the entire property is included under review.

Select disciplines require a broader view of existing resources. The transportation modeling effort utilizes a larger area for the transportation network that can be roughly describe as from Noland Road to I-470 and from I-70 to I-470. While these boundaries are included for forecasting purposes the extent of operational analyses is limited to the corridor in question. In a similar manner the environmental review considers resources in the surrounding area.

Exhibit 1 – Study Area Map

