

Study Q&A

Q: Why is this study so important?

A: As the communities along I-470 grow, it is critical for the transportation infrastructure to be maintained and accommodate for future growth. The I-470 Purpose and Need Study will help identify the needs and reasons for further consideration of transportation improvements.

Q: When will the study begin and end?

A: The I-470 Purpose and Need Study began in October 2007. The study will continue throughout the spring and summer and conclude in October 2008.

Q: What happens after the study is completed?

A: After all the study data is collected, it will be compiled into a Purpose and Need Statement. The statement will assist in future MoDOT transportation planning by identifying potential problems within the corridor and need for solutions.

For more information about the project or to express your ideas, you can

Write MoDOT:

I-470 Purpose and Need Study
Attn: Allan Zafft
Missouri Dept. of Transportation
600 NE Colbern Road
Lee's Summit, Mo. 64086

Visit the project Web site:

www.modot.mo.gov/kansascity/major_projects/i-470_study.htm

Call MoDOT:

(816) 622-0687 or 1-888-ASK-MODOT

E-mail MoDOT:

Allan.Zafft@modot.mo.gov



I-470 STUDY NEWS

What is the I-470 Study?

The I-470 corridor is a vital connection between Kansas City, Lee's Summit and Independence. As these communities continue to grow, it is necessary to evaluate the potential for current and future transportation needs.

The I-470 Purpose and Need Study is an effort to gather information on existing and future transportation needs within the I-470 corridor from Blue Ridge Boulevard to 39th Street. Information from the Purpose and Need Study will identify whether there is a purpose and need for further consideration of transportation improvements to the corridor. The study is the first phase for any future transportation improvements that may be developed in accordance with the National Environmental Policy Act.

Goal of the Study

The Purpose and Need Statement will identify transportation issues in terms of underlying root causes that may need to be addressed, such as safety, mobility and access to recreation, employment opportunities and commerce. These issues will be prioritized into short-term and long-term needs for future transportation studies and improvements.

The Purpose and Need Statement will clearly and concisely state what the issues are and indicate the need for solutions to issues identified by the study. However, specific improvements will not be proposed as part of the Purpose and Need Study.

We Want to Hear What You Think!

You're invited to learn about the study and share your thoughts about future needs within the I-470 corridor. Representatives from MoDOT and the study team will be on-hand to answer questions and gather feedback about the corridor at the open house public information meeting.

Thursday, April 10
4 to 7 p.m.

Lee's Summit North High School
901 NE Douglas
Lee's Summit, Mo.

We want the future of the corridor to represent your needs and good ideas. Please come and share your thoughts with us – your participation in this planning effort is important.

Reasons to attend:

- Express concerns about traffic on I-470
- Suggest parts of I-470 you feel need improvement
- Communicate safety issues that need to be addressed
- Learn more about the study



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Understanding the Study Process

The I-470 Purpose and Need Study consists of many different steps. It is important for the public to understand what the study will involve. Tasks to be completed as part of the study include:

Analysis of Corridor Characteristics

- Review of engineering standards that are appropriate for the type of roadway necessary to carry the current and projected traffic levels in the corridor
- Assess the age, condition and issues with pavement in the corridor
- Identify concerns and opportunities for multi-modal services, including passenger rail, bus, bicycle and pedestrian facilities
- Describe how the corridor is used for commerce, freight movement, agriculture and access to recreation, tourism, educational facilities, health care facilities and other essential services
- Identify issues with the current layout of I-470



Environmental Planning

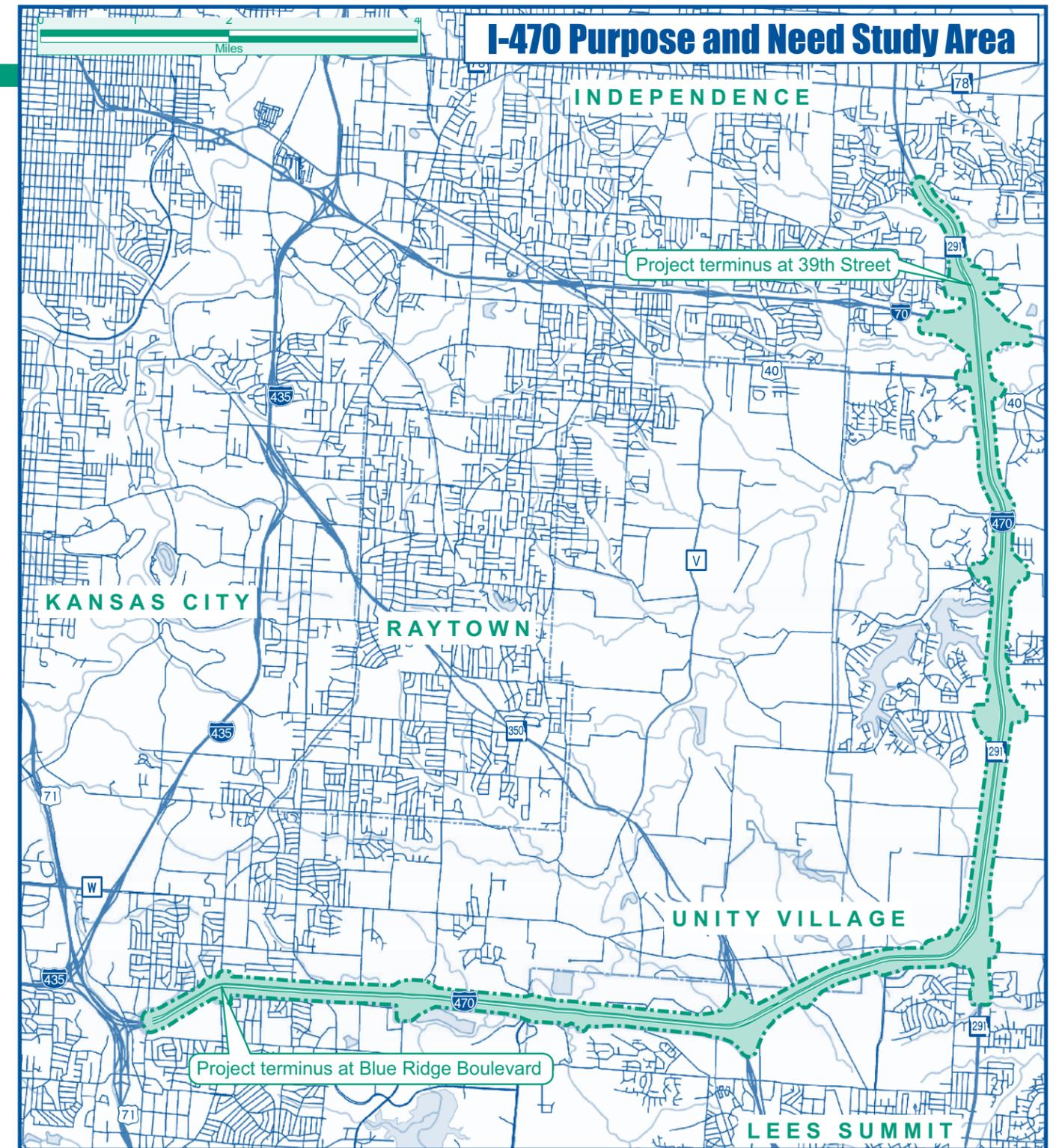
- Review past and present environmental and historic resource studies conducted along the I-470 corridor
- Identify general land use along the I-470 corridor
- Locate all known recreation areas, wildlife refuges, conservation areas, historic properties and natural areas
- Review current and previous noise data surveys along the corridor
- Obtain wetland mapping for the corridor
- Search databases for known hazardous material sites
- High level review of issues related to air quality

Study of Traffic and Safety Data

- Collect morning and evening rush hour traffic counts and turning movements at key locations
- Collect information on traffic levels, travel times and speeds for motorists currently driving on I-470
- Collect data on the number of people in vehicles on I-470 (i.e., one person per car, two people per car, etc.)
- Develop traffic forecasts for 2015, 2020 and 2030
- Calculate crash rates within the corridor over the last five years
- Analyze potential safety concerns including I-470 crash rates vs. statewide rates and high-crash locations

Review Social and Economic Studies

- Examine most recent land use and development plans to summarize development considered or proposed within the area
- Identify population growth/trends and community growth expected between 2008 and 2030
- Review census tracts adjacent to I-470 to identify any sensitive communities
- Identify and analyze transportation issues that adversely affect those who use and depend upon I-470 for business, freight movement, recreation, tourism, agriculture, defense, education and health care



Have Your Voice Heard

Public involvement is a critical element in the I-470 Purpose and Need Study. In addition to the technical data collected throughout the corridor, the study team needs to know what issues local motorists and other users feel are most important. An open house public information meeting will be held 4 to 7 p.m. on Thursday, April 10, 2008 at Lee's Summit North High School to collect community feedback. Input from this meeting will assist the study team with determining the short-term and long-term transportation needs within the corridor. The meeting site is accessible to individuals with disabilities. If you are unable to attend the meeting but would like to share your ideas, please e-mail your comments to Allan.Zafft@modot.mo.gov or call MoDOT at (816) 622-0687. Those with continued interest can request to be included on the project's electronic mailing list to receive updates throughout the project.