



Project Information



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2007 Missouri Quality Award Winner

Project Overview:

The Missouri Department of Transportation has completed a Location Study Report (LSR) identifying a need to improve the Route 45 corridor in Platte County. Route 45 has exceeded its capacity, causing increased congestion, and traffic delays to occur within this corridor. The purpose of the Route 45 improvement project is to construct a safe, efficient, economical, and environmentally sound transportation facility that meets the identified needs for Route 45 from Routes 9 to K.



Project History:

In November 2004, Missouri voters passed Amendment 3, which allowed the funding of new major projects including Route 45 between Route K and Route 9. This segment of Route 45 is included in the current Statewide Transportation Improvement Program (STIP). The Mid-America Regional Council (MARC) has identified the improvement of Route 45 from Route K to Route 9 in their Transportation Improvement Program (TIP). MARC has also identified improvements for Route 45 from I-435 to Route 9 in their Long-Range Transportation Plan (LRTP). In August 2005, the Route 45 project received a federal transportation bill (i.e. SAFETEA-LU) earmark from Graden Road to Route 9.

Identified Needs for Improving Route 45:

- **Capacity improvements:**

Existing traffic volumes within the Route 45 corridor range from 7,000 vehicles per day (vpd) on the west end to 18,000 vpd on the east end. These existing traffic volumes result in undesirable levels of service (LOS), which is the measure of the quality of traffic flow. Anticipated growth within the study area will increase the traffic volume on existing Route 45 to approximately 53,000 vpd by the year 2030.



- **System linkage:** Route 45 is a critical link in this region of Platte County as one of two major east/west routes connecting Interstate 435 and Interstate 29.

- **Transportation demand:** Route 45, between Route 9 and Route K, has been identified as one of MoDOT's Amendment 3 Major projects in its STIP. Route 45 improvements are also included in MARC's TIP, and are being endorsed by the City of Parkville and Platte County.

- **Accommodate economic development:** Projected development for the area along Route 45 is expected to overburden the existing route. The land along the corridor has been zoned primarily for residential development; however, concentrated areas along the corridor are anticipating major commercial development. This includes the expanded residential development at the National golf club community, continued development of the Thousand Oaks residential subdivision, and continued commercial development at Parkville Commons.

- **Safety:** The accident rate for the Route 45 corridor is 26 percent higher than the statewide average accident rate for similar facility types.
- **Undesirable Roadway Features:** There are several areas along the corridor that do not conform to MoDOT's access management guidelines. Access management involves the proper planning and design of points of access to the public roadway system, which include interchanges, public road intersections, and driveways. There have also been areas along the route identified as having undesirable sag and crest vertical curves, grades, and site distance.

We Need Your Help:

Tonight's public meeting is a chance for motorists, area residents and property owners to see the Location Study Report and preliminary design plans for the improvement of Route 45 from routes 9 to K. We encourage you to ask questions of MoDOT's team.

We want to hear your comments, too. The best way to make sure we've received your input is for you to fill out the comment cards provided at this hearing. Make sure we have a contact name, address, phone number and e-mail address so we can get back to you if we have further questions.

Following this public hearing, we will review all written comments and consider the points you made. We may make changes to the design based on information you provided.

Once we have received all comments and amended our plans, we will present the preliminary design to the Missouri Highways and Transportation Commission for approval. As part of that presentation, we will include your comments and how we've responded.

Once the Commission reviews and acts to either further amend or approve them, we can then begin work on right of way and construction plans.



Schedule:

- April 2008 – Public Hearing
- June 2008 – Begin Right of Way Plans
- December 2008 – Begin Final Plans
- May 2010 – Project Letting. Construction begins in summer 2010 and is expected to last two years



Please visit our website at:

http://www.modot.mo.gov/kansascity/major_projects/Route45.htm

