



AGENDA ITEM 6A

K-10 TRANSPORTATION STUDY REPORT TO THE City of De Soto Planning Commission November 16, 2006

Agenda Item:	Discuss text amendment to Comprehensive Plan adopting KDOT's K-10 Transportation Study.
Meeting Date:	November 28, 2006
Report Prepared By:	Mike Brungardt, P.E., City Engineer
Associated Materials:	Exhibit A: Final Report – K-10 Transportation Study Exhibit B: Proposal to Johnson County Park & Recreation for Bike Trail Demonstration project.

A. Background Issues

Attached as Exhibit A is the final report of KDOT's K-10 Transportation Study. Finalized in May of 2005, this study was a joint effort between KDOT, the Mid-America Regional Council (MARC) and the Lawrence Douglas County Metropolitan Planning Office. As outlined in this report, the initial objectives are as follows:

- Determine how and when to widen K-10.
- Determine impacts of widening.
- Establish where new interchanges will be considered.
- Plan for other modes of transportation within the corridor.
- Study bicycle and pedestrian issues along and crossing K-10.

As the study progressed, two additional objectives were added to the above list:

- Provide guidance to local agencies when making land-use decisions.
- Provide guidance to the two MPOs when making transportation planning and programming decisions.

The issue before the Planning Commission is now to consider adopting part of all of the attached transportation study into our Comprehensive Plan for the purposes of guidance on future land use and zoning decisions.

B. Report Summary

The report consists of the body, (27 pages with tables and figures), plus seven appendices A through G. The full report is included on the enclosed CD, and also available online at <http://www.ksdot.org/projects.asp>. The study recommendations are summarized in Section 8 of the report.

Of particular importance for De Soto are the future right-of-way maps in appendix E. I have printed out the right of way maps that pertain to De Soto and they are attached to this report.



C. Comprehensive Plan Text Amendment

If the Planning Commission wishes to adopt, (in total or in part), the K-10 Transportation Study into our Comprehensive Plan, we must do so via a text amendment procedure. The logical portion of the Comprehensive Plan to incorporate the transportation study is within Chapter 8 – "Major Thoroughfare Plan". Map 14 of the Comprehensive Plan already shows K-10 Highway as a major thoroughfare through De Soto. However, there are currently few specific references to K-10 within the text of the plan. There is currently no guidance relating to right-of-way preservation, access management, or future interchange locations. The incorporation of KDOT's Transportation Study will give us this guidance.

In addition, the Transportation Study makes reference to the concept of a multi-use pedestrian and recreation trail within or adjacent to the K-10 right-of-way. In order to accommodate this trail, Section 6.3 of the study makes a recommendation for a 100-foot easement, (primarily along the north side of K-10), outside of the future right-of-way boundaries. It is further recommended for the Cities along the corridor to coordinate the location of the trail with other communities, MARC and the Lawrence-Douglas County Metropolitan Planning Office.

This spring, the Johnson County Park & Recreation District, MARC, and KDOT received an ear-mark from the state for a demonstration project to construct a short section of the K-10 trail. The hope is that this demonstration project will show that such a recreation trail can coexist within (or in close proximity to) the highway right-of-way in a manner that is safe and practical. The ultimate goal is to eventually provide a pedestrian link between Lenexa and Lawrence, as is contemplated in the transportation study. There was a process to select the portion of trail to construct initially. De Soto made an application for the demonstration project to be constructed here. This application is attached as Exhibit B. It defines one potential route for the trail through De Soto. The location chosen for the project is in Lenexa, but the attached application represents the most firm alignment for the trail that we currently have available.

One way to incorporate the entire transportation study into De Soto's plan is to add the following text to the end of Chapter 8:

"K-10 Transportation Study

Understanding the importance of regional transportation planning efforts, the City will assist and promote these efforts whenever possible. The May, 2005 Kansas Department of Transportation report entitled "K-10 Transportation Study" is included herein by reference. The recommendations outlined in this report will be considered when deciding land use, zoning and development issues adjacent to the K-10 corridor."

End of Report

Exhibits to Follow