

Scope of Services
Concept Phase Plan Development
31st Street from O'Connell Road to Route 1057

Project Understanding

The project consists of developing Concept Plans for improvements to 31st Street from O'Connell Road to Route 1057 (E 1900 Road). The 31st Street corridor is designated as a principal arterial roadway in the Lawrence/Douglas County long range transportation plan T2030.

The City of Lawrence is currently under contract with Wilson & Company, Inc. for development of Concept Plans for improvements to 31st Street from Haskell Avenue to O'Connell Road. This project extends those services to include the O'Connell-to-Route 1057 segment.

The overall purpose of this Concept Plan phase is to develop a project "footprint" that meets the capacity needs of the corridor, provides a safe roadway, and incorporates other "soft design" issues where practical. The study will provide Lawrence/Douglas County with cost information and recommended construction phasing information for use in programming funds for improvements. The study will also allow Lawrence/Douglas County and property owners to plan for construction of a principal arterial roadway on a yet-to-be-determined alignment footprint.

Scope of Services

(A skeleton scope of services is shown at this time. Additional tasks and sub-tasks will be added.)

- I. Project initiation
 - A. Kick-off Meeting
 - B. Discuss project work plan

- II. Data Gathering
 - A. Assemble County's GIS data
 - B. Develop TIN from 3D elevation data
 - C. Obtain utility location information for each utility in project area
 - D. Review master plan for future development
 - E. Review Transportation 2030 report
 - F. Obtain City's transportation model
 - G. Review 31st Street study prepared in 2003

- III. Public Information Meetings
 - A. Initial meeting (prior to alternative development)

- B. Second meeting (following development of recommended alternative alignment)
 - C. BOCC meetings
- IV. Develop alternatives
- A. Projected traffic volumes
 - B. Recommended design parameters
 - C. Recommended typical section(s)
 - D. Recommended alignment
 - 1. Horizontal alignment
 - 2. Vertical alignment
 - E. Prepare cross sections
 - F. Required right-of-way
 - G. Drainage structures
- V. Prepare submittal package
- A. Drawings of the recommended alternative alignment alternative
 - B. Report discussing the preferred alignment alternative
 - C. Opinion of probable construction costs
 - D. Recommended construction phasing