

2008 QBS
Request for Statement of Qualifications and Performance Data (SQPD)
and Statement of Interest (SOI) for the
IL 47 Corridor Planning Study

Kane County, McHenry County and the City of Woodstock are in need of professional services from a qualified firm to provide consultant services for the IL 47 Corridor Planning Study.

The attached *Preliminary Scope of Services* provides background, objectives and products that will be required of the consultant.

At this time it is anticipated that work will be started October 2008 with an anticipated completion date of October 2009.

The Statement of Qualifications and Performance Data (SQPD) and Statement of Interest (SOI) shall be **submitted VIA EMAIL no later than 4:00 P.M. on Friday, June 13, 2008** and should be addressed to Heidi Files, AICP, Senior Planner. Heidi Files' email address is filesheidi@co.kane.il.us. If a firm has previously submitted a SQPD, an additional submittal is not required.

Statements of Qualifications and Performance Data (SQPD) and Statements of Interest (SOI) received will be used by County staff to develop a short-list of at least three (3) firms. The County will then submit a Request for Proposal (RFP) and schedule interviews with the short-listed firms.

For more information regarding the content and format of the SQPD and SOI, please reference our QBS document found at <http://www.co.kane.il.us/dot/qbs/csp.pdf>.

Joint ventures and multi disciplinary firms are encouraged. If you plan to enter into a joint venture with another firm for this project please note this on your Statement of Interest (SOI), including the name of the firm you are entering into a joint venture with for this project. An Statement of Qualifications and Performance Data (SQPD) must be submitted or already be on file for each firm enter into a joint venture.

Short-listed firms will be posted on our website at www.co.kane.il.us/dot. Click on the link labeled "Request for Consultant Services", then click on the link labeled "Summary Table".

A Statement of Qualifications and Performance Data (SQPD) and Statement of Interest (SOI) received after the above-noted deadline will not be considered during our consultant selection process.

IL 47 Corridor Planning Study

Preliminary Scope of Services

Part I. Kane and McHenry Counties

IL-47 / 2030 *HEALTHY* CORRIDOR STUDY

Introduction

IL 47 has historically functioned as a two-lane rural highway, running primarily through farmland and open space. Along its span there are historic hamlets, crossroads commercial, new strip malls and big boxes, and low-density residential subdivisions. There are also a limited number of four-lane segments serving fast-growing villages with recently-built, approved and proposed strip malls. Currently much of Illinois 47 is considered to be roughly the divide between encroaching development from the east and the rural/agricultural area to the west.

The goal of the study is to provide a vision for IL 47 as a corridor of the future that provides for a healthy population and economy through the provision of sustainable land uses, safe complete/multi-modal street design, and the implementation of the 10 basic smart growth principles:

1. Mix land uses
2. Take advantage of compact-building design
3. Create a range of housing opportunities and choices
4. Create walkable neighborhoods
5. Foster distinctive, attractive communities with a strong sense of place
6. Preserve open space, farmland, natural beauty, and critical environmental areas
7. Strengthen and direct development towards existing communities
8. Provide a variety of transportation choices
9. Make development decisions predictable, fair and cost effective
10. Encourage community and stakeholder collaboration in development decisions

Proposed Schedule

The anticipated completion date of the study is December 2009.

Scope of Services

The study limits are from the Illinois/Wisconsin State Line at the north end of McHenry County to the US 30 at the south end of Kane County. Illinois 47, itself, may provide the defining structure for the study, but it is just one component. The study shall provide a blueprint for a linear geographic area consisting of historic and emerging centers of various sizes, of farmland and green spaces to be preserved, and for the design of a historic highway. The study shall provide guidance for complete street design and sustainable development of a corridor that will function as a multi-modal main street through the destinations and crossroads, as well as a thoroughfare in between.

The current and projected use of Illinois 47 mainly as a thoroughfare for vehicular traffic should be balanced with design considerations for the existing and emerging destinations along the corridor. The design of these destinations should accommodate the development potential for the various municipalities through the application of the smart growth principles and the sustainable integration of land use and transportation planning. The study shall provide discussion concerning and make recommendations for (but will not be limited to) creating the following desirable conditions:

Condition 1: Reduction in Transportation Infrastructure Costs

Study Components:

- Recommend appropriate examples of multi-modal mobility accommodations that tend to reduce the reliance on single occupancy vehicles, Vehicle Miles Traveled (VMT) and therefore the roadway infrastructure
- Provide roadway and complete street design standards that respond to and enhance the context, whether in the centers along the corridor or the vehicle-oriented thoroughfare segments in between; encourage alternative travel modes within centers, especially walking, and reduce unnecessary roadway infrastructure, rights-of-way and future maintenance costs
- Preserve rights-of-way where necessary for future transportation improvements and non-traditional strategies such as BRT (bus rapid transit or express buses)

Condition 2: Healthy, Livable, and Corridor Supportive Land Uses

Study Components:

- Identify potential sustainable development patterns (based on the implementation of the *D-factors*, including density, distance to transit, diversity of uses and design of streetscapes to improve transportation options, housing choices and job opportunities
- Provide land use and design strategies that encourage densities and mixed uses to encourage walking and biking and support transit initiatives such as Bus Rapid Transit (BRT)
- Identify appropriate size(s) and form(s) for centers that provide sustainable mixed-use, compact developments that will support and achieve the objectives of this study

Condition 3: Strong, Balanced Economic Development

Study Components:

- Define an appropriate sustainable balance of jobs, housing and services within close proximity of each other and access to transportation choices
- Recommend strategies to enhance the relative competitiveness of businesses located within the study area with respect to employee healthcare costs, focusing on implementing smart growth principles.
- Identify specific potential for economic growth along the corridor, based on existing and proposed development patterns

Condition 4: Improved Public Health

Study Components:

- Identify land use strategies and transportation improvements and facilities that will result in reduced carbon emissions and improved air quality.
- Identify land use strategies and transportation improvements and facilities that enhance the area's walkability and bikability.
- Recommend roadway and intersection improvements and facilities and/or equipment that will serve to enhance personal safety within the corridor

Condition 5: Open Space Preservation

Strategies

- Preserve farmland and enhance the benefits of open space within the corridor
- Provide strategies that focus development within dense, mixed use centers in order to maximize protected open space and farmland and protect the environment

Products:

The study should provide both specific design recommendations for a proposed multi-modal corridor and design guidelines for the form and function of the preservation and development of the land within the corridor area. It will also define the development standards that municipalities could apply to potential proposals. These standards should be developed for a hierarchy of centers including hamlets, minor crossroads, major crossroads, main streets and retrofits of arterial-oriented strip commercial.

The consultant will work with the municipalities along the IL 47 corridor to present standards to ensure that the corridor will be developed to function in the short term as it should in the long term. The consultant should consider the long term future of the corridor as a series of rural and urban segments, rather than a consequence of suburban development that will need to be continuously redeveloped.

The consultant should also provide metrics to evaluate development options in the future. These could include indicators or calculators to measure future development proposals for their impact on achieving the objectives for the corridor.

Study Process – Plan Endorsement

An important consideration in this study is to ensure the participation of the various municipalities and the general public in both the process and the implementation of the

study's recommendations. The consultants should be prepared to work closely with municipalities to prepare them for identifying and achieving regional goals that have not been locally prominent. The consultants need to develop and implement a process for municipal and public endorsement of the plan.

Part II. Sub-Scope of Services (City of Woodstock)

To develop a plan identifying locations along IL 47 for traffic improvements with recommendations for corrective action. The plan will include:

1. Field measurements of current traffic counts at key locations along the IL 47 corridor, and preparation of a traffic model at those key locations.
2. Projection of future development and traffic volumes along the IL 47 corridor from Huntley to Hebron.
3. Estimate the impact of a full interchange at IL 47 and I-90 on future traffic volumes and congestion on IL 47 north to Woodstock.
4. Preparation of a traffic model at key locations for 5, 10, 15 and 20 year traffic conditions.
5. Identification of problem areas where action should be taken to address either existing or future traffic safety and congestion problems along the corridor.
6. Suggestions for traffic congestion mitigation for current and future conditions. This step could include the preparation of maps and exhibits to better describe the improvements to be considered with information such as right of way needs, typical lane widths, number of lanes, location of additional turn lanes, and traffic signal locations.
7. Identification of goals, objectives and standards to be used with the review and approval of future development projects and adjacent land use changes along the corridor
8. Establishment of priorities for future roadway improvement projects based on need, cost, and benefits to be received.

Materials Provided to Selected Firm

The following will be provided to the selected firm:

- **IDOT's IL 47 SRA Study**

Reference Material

The following information is available for review at the Kane County Web Site:

- **Kane County 2030 Transportation Plan:**
<http://www.co.kane.il.us/dot/COM/transit.asp>

- **Kane County 2030 Land Resource Management Plan:**
<http://www.countyofkane.org/Pages/2030LRMP.aspx>
- **Kane County Bicycle and Pedestrian Plan:**
<http://www.co.kane.il.us/dot/COM/Bicycle/outline.asp>
- **Kane County Transit Opportunity Assessment Study:**
<http://www.co.kane.il.us/dot/COM/transit.asp>

The following information is available for review at the McHenry County Web Site:

- **McHenry County Long-Range 2020 Transportation Plan and Highway Improvement Program:**
<http://www.co.mchenry.il.us/common/CountyDpt/highway/default.asp>
- **McHenry County Transit Plan:**
<http://www.co.mchenry.il.us/common/CountyDpt/highway/hwyTPlan.asp>
- **McHenry County 2030 Comprehensive Plan:**
<http://www.mchenrycounty2030plan.com>
- **McHenry County Land Use Plan - Year 2010 Update**
<http://www.co.mchenry.il.us/common/CountyDpt/PlanDev/PDLandUse.asp>

The following information is available for review at the City of Woodstock Web Site (www.woodstockil.gov):

- **Woodstock Transportation Plan**
- **Illinois Rt 47 Plan**
 - **Route 47 Improvement Plan report**
 - **Route 47 Railroad Overpass Final report**
 - **Route 47 and Lake Geometry**

Deliverables

The ultimate product is the development of fifty (50) copies of each of the following:

1. Final Report (bound)
 - a. Results of each Condition of Part I and Part II listed above will be summarized in the Final Report
2. Executive Summary with an attached compact disc of the entire Final Report

Six (6) compact discs with Final Report, Executive Summary and all related study information electronically (example: maps, power point presentations etc.)

Contacts

Any questions regarding the project may be directed to Heidi Files, AICP, Senior Transportation Planner, at 630-406-7308 or via email at filesheidi@co.kane.il.us.