

Kansas Aviation System Plan - Pilot Program - Summer 2010

Kansas Airport Improvement Program Application Form

Date	
Pilot Program	ONLY

FY 2011 July 1, 2010-June 30, 2011 (Applications due July 16, 2010)
Applicant/Sponsor: City of Lawrence
Airport Identifier:LWC
Project Category: Preservation X Modernization Facilities & Equipme
Planning
Project Description:Installation of gravity sewer line on airport property for
the development of aviation related industries/businesses.
Total Project Costs \$592,762.00
We understand that if the project is approved, the Kansas Department of Transportation will participate in the cost of construction and construction engineering at a rate of 90 percent for sponsors with a population less than 10,000 or 50 percent for sponsors with a population of 10,000 or greater, not to exceed \$500,000 of state funds (\$1,000,000 for new primary runways; \$750,000 for full-depth reconstruction of existing primary runway), planning grants may be available at a rate of 95 percent for any community. The Sponsor will be responsible for letting the contract for bids and supervising construction. Construction engineering is eligible for KDOT funding.
Sponsor's Contact Person Charles F. Soules, P.E. Title Director of Public Works
Address 6th E. 6th Street, Lawrence, KS 66044
Phone (785) 832-3124 Fax (785) 832-3398 e-mail csoules@ci.lawrence.ks.u
Sponsor's Signature Title
Additional information attached ~ Yes

<u>Project History</u>. Dating back to its dedication in October 1929, the Lawrence Municipal Airport (LWC) is one of the oldest, continuously operating airports in Kansas, and serves Northeast Kansas as a general aviation facility for the business and recreational user. LWC averages more than 120 daily flight operations of single-engine, twin-engine and business jets, including more than 1,000 helicopter operations annually.

With a 5,700 feet runway and CAT I instrument Landing System, LWC is an outstanding all-weather airport for the recreational or business flyer. Lawrence has experienced steady growth the past decade with increased usage at the Airport from business aircraft, including jet operations, and recreational pilots, including flight instruction.

<u>Project Background</u>. The airport is located north of US Route 24/40 about one-half mile east of 3rd Street. It is a valuable asset to the City, currently accommodating over 32,000 operations annually and generating over \$13 million dollars in local revenue for the economy. The airport is approximately 500 acres, has two runways, a terminal, 36 thangars, and several small on-site aviation services and hangars used by local businesses and individuals. The airport is located about a mile north of the City limit.

While the airport provides a valuable service to the community, it is currently underutilized due in part to inadequate City infrastructure. In 2009 the City invested \$700,000 to extend a 12" water main to the airport to provide sufficient water for fire protection and future development. Airport facilities have no sewer services, using septic instead. County regulations prohibit more than one septic and lateral field every three acres. This requires land that could otherwise be used for development to remain as open space for septic.

There is an immediate need for additional sewer facilities at the airport. At least one septic system is failing, and some recent firm inquiries have required greater service capacity. Also, a number of business inquiries have occurred over the last year for locations at the airport that suggest that the airport has more demand for business space than can be accommodated by existing water and sewer service.

Project Status. Forty-five acres have been identified as developable at the airport. An airport study completed in 2009 by Burns & McDonald estimated a build-out scenario of 850 employees generating between 100,000 - 200,000 gallons of wastewater per day.

In 2009 the City received two proposals from firms wanting to locate at the airport. The DAR Corporation proposed to construct a \$3 million facility with a start-up staff of 20 employees with an average salary of \$85,000 (growth potential of 50 employees). The DAR Corporation are/is developing and providing research with KU for prototype aircraft.

The other firm that is currently looking to expand to Lawrence is Hawkeye Helicopter. They provide visual/aerial inspection of major gas and electric facilities. They proposed to build a million dollar hangar and employ 5-8 people initially with up to 12-15 over the next several years.

Project Future. Both firms require adequate public facilities and infrastructure. Potable water and water for fire protection is paramount for the success of any business. The City

installed a 12" water main to the airport in 2009 at a cost of \$700,000. Sanitary sewer is also a critical component for a business to locate a facility. Plans are currently being completed.

The City has undertaken the design of the sewer line. The estimated construction cost of the gravity line and wet well for the force main is \$592,762.00. The request for 50%, of \$296,381.00 will enable the city to proceed with this project.

Finally, the City has also platted (attached) some of the property to be prepared for a quick response when the next business approaches the airport.

Proposed schedule:

July 16, 2010	Application submittal
September 1, 2010	Plans complete
October 1, 2010	Bid letting
October 15, 2010	Construction begins
December 2010 /	Weather permitting, construction will take 90 working days to
January 2011	complete

Attachments



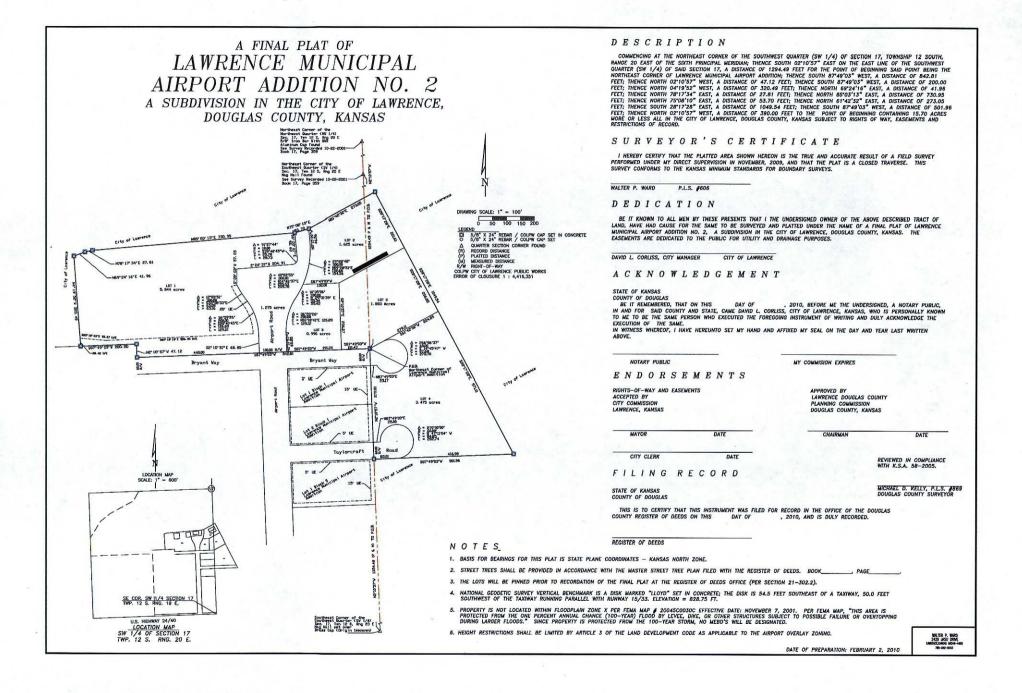
BACKGROUND

Hawkeye Helicopter has been in business for 14 years. We own and operate a fleet of 14 aircraft including 3 helicopters, 10 single-engine Cessna's, and 1 Twin Cessna. We are currently serving 25 major contracts and employ 14 personnel.

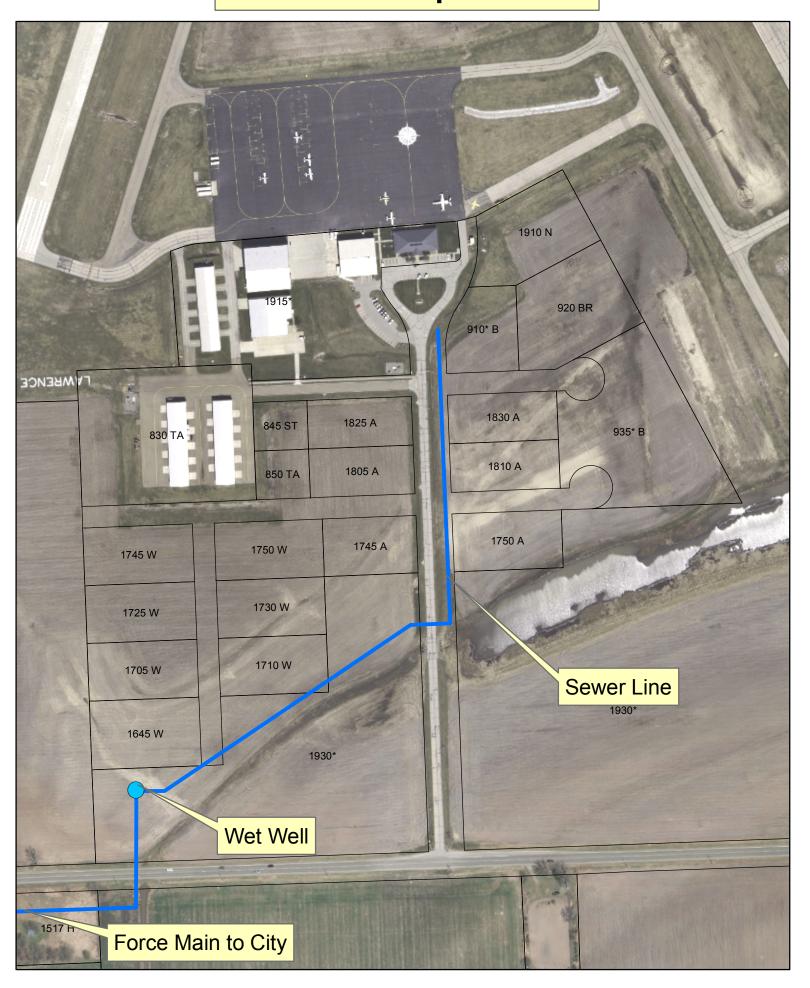
For the past several years, Hawkeye's base operations have taken place in numerous locations simultaneously. We operate a maintenance and storage hangar in Osage City, offices in Ottawa, and hangar rentals at Coffey County Airport. This logistical problem is beginning to hinder efficiency and future growth. Our goal is to establish a new Hawkeye Helicopter headquarters to envelop the full scope of our home base operations.

WHY LAWRENCE

Lawrence provides a geographic location central to our high-demand clients, namely KCP&L, Westar and NPPD. The response from local government has been outstanding and with the exception of sanitary sewer the current services and airport facilities available at the airport are sufficient for our needs. Hawkeye feels that LWC will provide the resources (including sewer) necessary for future growth that will be beneficial to all parties involved.



Sewer Main Improvement



DAR Corporation

Location Proposal for Lawrence Municipal Airport July 1, 2009

City of Lawrence



