



CITY OF URBANA, ILLINOIS
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

MEMORANDUM

TO: Mayor Laurel L. Prussing and Members of the City Council
FROM: William R. Gray, Public Works Director
Gale L. Jamison, Assistant City Engineer
Bradley M. Bennett, Civil Engineer
DATE: February 18, 2010
RE: East Urbana Interceptor Sewer Project Update

Introduction

The purpose of this memo is to update the Mayor and City Council on the East Urbana Interceptor Sewer Project.

Recommended Action

No formal action is required as this memorandum is for informal purposes only.

Background and Facts

The Engineering Division was tasked to work with the Urbana-Champaign Sanitary District (UCSD) to develop a proposed plan for providing sewer service for the undeveloped areas on the east and south sides of Urbana. A detailed analysis of the infrastructure required for sanitary sewers in east Urbana was completed in a preliminary engineering report prepared by Sodemann & Associates for the UCSD in August 2006 and accepted by the City Council on November 21, 2006. The sewer infrastructure proposed to serve the east side of Urbana is described below:

The Proposed East Side Interceptor Project will consist of:

- A new regional pump station to be located on the west side of High Cross Road south of the existing Myra Pump Station.
- New 24-inch interceptor sewer between the existing Myra Pump Station and the new regional pump station.
- New 30-inch force main to the Northeast Wastewater Treatment Plant (WWTP).
- Abandoning the existing Myra Pump Station.
- A new 42-inch diameter interceptor sewer east from the new pump station across High Cross Road.

The new interceptors and pump station would allow for the extension of sanitary sewer service to a 3,100 acre area east of High Cross Road, west of Cottonwood Road, south of I-74 and north of Curtis Road. An area west of High Cross Road to Race Street bounded on the north by Windsor Road and the south by Curtis Road is also included in that service area. The East Urbana Interceptor Sewer Project Service Area is presented in Figure #1. A site plan of the infrastructure included as part of the project is presented in Figure #2.

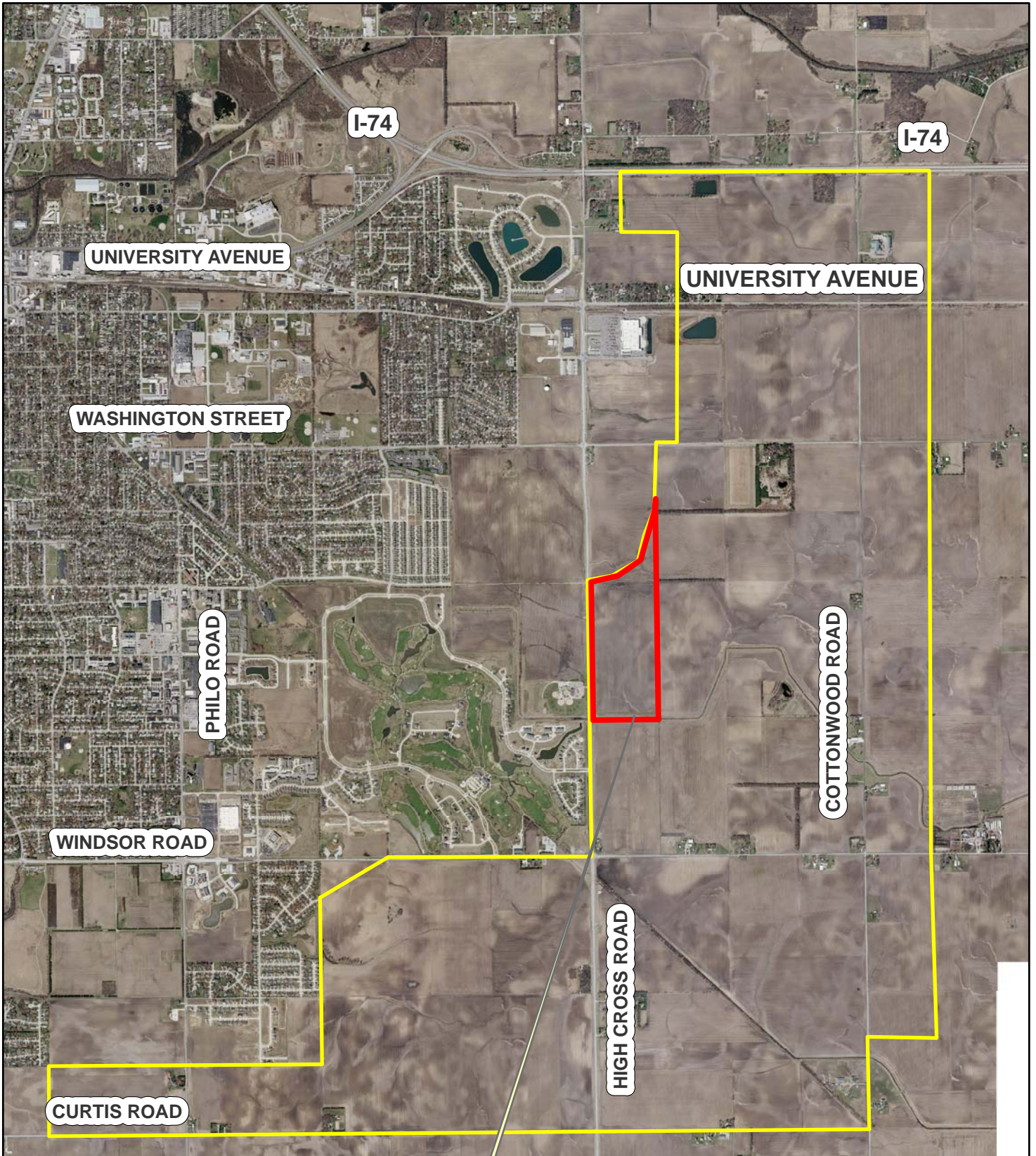
The City Council approved an intergovernmental agreement with the UCSD on March 26, 2007 for the engineering design and easement acquisition required for the Interceptor Project. Sodemann and Associates was retained to complete the engineering design for the Interceptor Project. The engineering design for the project is complete and all easements required for the project have been obtained.

UCSD requested on February 10, 2010 that the East Urbana Interceptor Project be placed on indefinite hold until economic conditions improved and development growth warranted an expansion of the sewer service area. Staff concurs with this inaction.

An area up to one half mile east of High Cross Road and south of US Route 150 to the Saint Joseph Drainage District Ditch may be served by gravity sewer and the existing Myra Pump Station in the interim before the East Urbana Interceptor Project is constructed. Developments outside the area that can be served by gravity from the existing Myra Pump Station would be responsible for installing a pump station and force main for their sanitary sewer systems. UCSD would be responsible for approving the design and operating and maintaining the pump stations and force mains for any new developments after they were constructed.

The easements obtained for the East Urbana Interceptor can be utilized in the future when UCSD and the City decide to proceed with the project. Project drawings and specifications can also be utilized in the future. It would take approximately two years from a decision to proceed with this project until completion. This time frame is usually sufficient to respond to future development once such discussions start.

FIGURE #1 EAST URBANA INTERCEPTOR PROJECT SERVICE AREA



AREA THAT CAN BE SERVED BY GRAVITY
FROM EXISTING MYRA PUMP STATION

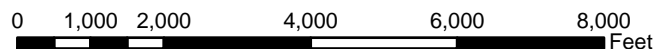


FIGURE #2 EAST URBANA INTERCEPTOR PROJECT INFRASTRUCTURE PLAN

