

City of Lee's Summit

PUBLIC WORKS DEPARTMENT/ENGINEERING DIVISION
220 SE Green Street
Lee's Summit, Missouri 64063
(816) 969-1800 FAX (816) 969-1810

May 09, 2011

Douglas J. Saltsgaver, PE
ENGINEERING RESOURCE GROUP, INC
2413 GRAND AVENUE
DES MOINES, IA 50312
doug@ergcorp.com

Re: Engineering Plan Review
Hyvee Gas Road Improvements
PL2010009

Dear: Mr. Saltsgaver:

The Public Works Department received drawings for this site dated April 8, 2011. These plans were received by our department on April 26, 2011. We have completed our review and offer the following comments.

Engineering Review

1. Reference the City's Design and Construction Manual Section 6900 E.1 for the location of valves and properly show on the plans.
2. Show the proposed fire hydrant and connection on the plan.
3. There are more bends on the proposed line that preferred. The location of the line west of the private drive is acceptable; however, the bend located beneath the private drive is not. The preference would be a straight line continuation of the main not within 2-feet of the sidewalk continuing across the bank driveway and tying in east of the driveway. This will require acquiring additional easement.
4. Revised cost estimate was not included with the last submittal.
5. Submit all revised easements and rights of way to the City, along with a check made payable to the Jackson County Recorder of Deeds prior to the approval of the engineering plans. The City will record the document(s). Visit the following link for recording fees:
<http://www.jacksongov.org/content/3310/3356/3569.aspx>.

Traffic Review

1. Awaiting proof of MoDOT's approval.
2. Address the marking change at Ward/Oldham and 3rd Street, eastbound approach left turn lane stop location
3. There are plan marking errors at the new signal (called out the wrong line width for the northbound stop line, failed to add the crosswalk lines across 3rd, and the location of the stop line is too close to the crosswalk on the westbound approach), but the standards details are in the plan with correct information (albeit conflicting with the drawings).

Feel free to contact Tony Reames at (816) 969-1826 or e-mail to Tony.Reames@cityofls.net should you have any questions or comments.

Sincerely,

Tony Reames, PE
Staff Engineer

C: Barton Reese, Public Works Inspections
 Michael Park, PE, City Traffic Engineer