



AUSTIN MILLER P.A.
ENGINEERING SERVICES

June 5, 2000

Mr. Neil Cable
Wichita Water and Sewer Dept.
8th Floor - City Hall
455 N. Main
Wichita, Kansas 67202

**RE: Hoskinson 2nd Addition
37th & Ridge Road**

Dear Mr. Cable:

Hoskinson Second Addition is a 17-acre development located on the southwest corner of Ridge Road and 37th Street North. This is a commercial development with neighborhood retail and light commercial zoning. The plat has recently been filed, and one lot is already sold. Construction on that lot is to begin very soon. Water lines will be extended from the 20-inch main on the east side of Ridge Road. However, the question that remains is when sanitary sewer will be available to this site.

George Butler and Associates studied the sanitary system in this area. This study was to evaluate the existing and proposed systems, and determine if there was capacity in the existing 10-inch line on the east side of Ridge Road. Another objective of this study was to determine the capacities of existing and proposed pump stations. Upon completion of this study, we reviewed the report, which indicated that there was capacity to tie into the 10-inch pipe. However, no determination was made as to the capacity of the nearest pump station at 29th and Ridge. Although this study showed replacing the pump station, no calculation of the existing pump station capacity was reported. The proposed developed flow to the pump station is 3.5 mgd. The plans for the existing lift station show a capacity of 0.63 mgd. The pump station does not have the required capacity at fully developed conditions.

The Sedgwick County Health Department agreed to allow the use of a temporary sewage holding tank that will be pumped on a regular basis. The lot that is beginning construction will use this system. The holding tank system was approved on the basis of being able to connect to city sewer within 1 to 2 years. The maintenance and pumping of the tank can become rather expensive, and other prospective property owners may not have the ability to install such a system.

Petitions have been filed with the city to construct sewer mains to serve the development. A second petition was filed for the lift station improvements. This petition was filed at the request of City Engineering, and the amount was equivalent to \$0.05 per square foot.

We are also currently working on a multi-family development to the west of Hoskinson 2nd Addition. This development includes 26.5 acres. The property on the northwest corner of 37th and Ridge is

355 N. Waco, Suite 200
Wichita, Kansas 67202
Tel: 316-262-1281
Fax: 316-262-6773

<http://www.austinmiller.com>

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currently being platted by another local firm. The proposed lift station will serve all of these developments. In order to allow these developments to continue, design of this new lift station, along with any other required improvements, need to begin very soon. Also, a timetable needs to be developed for these improvements so that the property owners and potential property owners will know when sewer will be available.

We would appreciate your help in getting this project started. As we have stated above, there is a significant amount of development in this area, and without the required improvements, this development will cease. We have already had many inquiries about when the sewer would be available to the Hoskinson property, and we expect many more in the near future.

Please feel free to call if you have any questions. We would be happy to meet with you and your representatives to discuss this matter in greater detail.

Respectfully,
Austin Miller, P. A.



Kirk Miller, P.E.

Cc: Mike Boyd
Don Arnold, Jr.