

KANSAS GEOLOGICAL SURVEY

1930 Constant Ave., Campus West
The University of Kansas
Lawrence, Kansas 66047-3726
Phone: 785-864-3965
Fax: 785-864-5317

Scott Alisoglu
City of Topeka
Department of Public Works
620 SE Madison
Topeka, KS 66603

Dear Mr. Alisoglu,

I have reviewed the information sent to me concerning the preparation of the application to the KDHE Kansas Water Pollution Control Revolving Loan Fund program. The project appears sound and is unlikely to affect the surface or ground water in the area.

The comments above are based on the information that the Kansas Geological Survey has on this proposed site. Other geologic and soil conditions, not discussed here, might affect the stability or safe operation of the proposal. It is the responsibility of the applicant to produce the detailed site evaluation.

Sincerely,

Margaret A. Townsend
Hydrogeologist



CITY OF TOPEKA

PUBLIC WORKS, Administration
620 SE Madison, 3rd Flr.
Topeka, KS 66607
Tel: (785) 368-3801



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November 27, 2006

Kansas Geological Survey
University of Kansas
1930 Constant Ave, Campus West
Lawrence, KS 66047

RE: Request for Environmental Review and Clearance
Deer Creek Force Main & Primary/Secondary Digester Projects
KWPCRLP Project No. C20 1272 04

To whom it may concern:

The City of Topeka, Water Pollution Control Division is preparing an application to the Kansas Department of Health and Environment (KDHE) for a loan from the Kansas Water Pollution Control Revolving Loan Fund for the Deer Creek Force Main Project and the Oakland Wastewater Treatment Plant Digesters Rehabilitation Project. One of the requirements of KDHE is that applicants request comments/clearance from a number of governmental agencies. Your agency is one of those listed. We would appreciate a review of the project description and location, and any comments you may have within 30 days of your receipt of this letter.

The Deer Creek Force Main Project involves the installation of a 36-inch sewer force main from the Deer Creek Pump Station to the Oakland Wastewater Treatment Plant at 1115 NE Poplar (see enclosed map). This project will be replacing an existing 20" force main and allow us to match the pumping capability of the Deer Creek Pump Station.

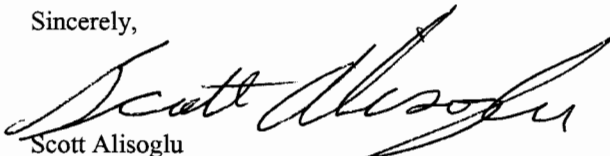
The Digester Project at the Oakland Wastewater Treatment Plant is a continuation of the City's multi-year rehabilitation of the sewer plant facility. In this phase we will be looking at the mixing system, gas piping and valves, recirculation pumps, sludge force main, electrical components as well as cleaning and patching the structural walls.

Please review the information at your earliest possible convenience. Comments should be returned to:

Scott Alisoglu
City of Topeka
Department of Public Works
620 SE Madison
Topeka, KS 66603

Please contact me if you have questions or need additional information (785-368-1611). Your prompt consideration of these projects is greatly appreciated.

Sincerely,


Scott Alisoglu
Funding Resource Analyst

Attachments



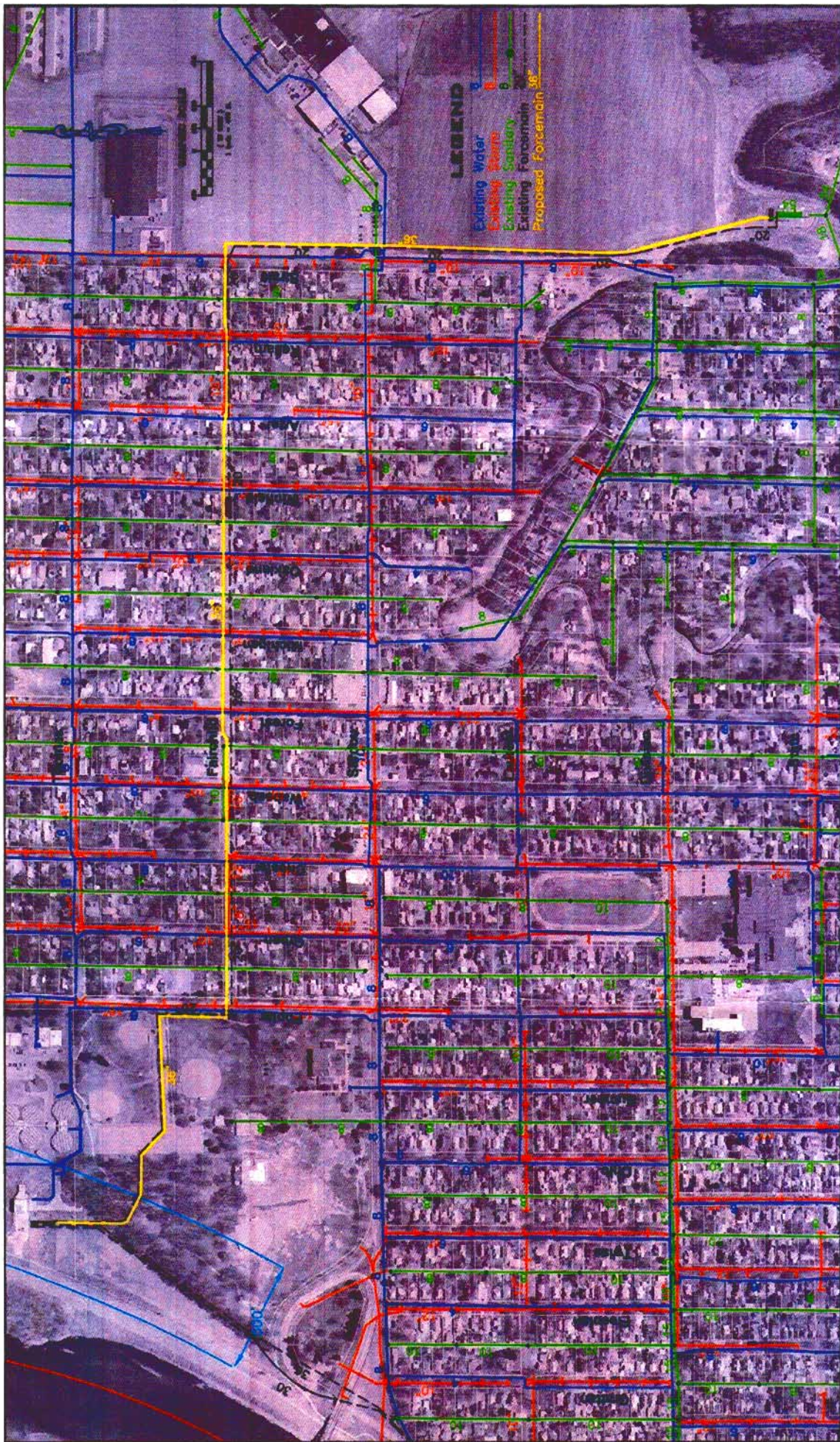


FIGURE
1

NEW 36" DEER CREEK FORCE MAIN
PROPOSED ROUTE



DEER CREEK PUMP STATION FORCE MAIN

BARTLETT & WEST
ENGINEERS
PHONE 888.800.4444

Proposed Budgets

Deer Creek Force Main

Administrative and Legal Expenses	\$ 5,000
Engineer Design Costs	\$ 340,000
Engineer Basic Construction	\$ 150,000
Engineer Inspection	\$ 70,000
Construction	\$2,900,000
Interest During Construction	\$ 175,000
Contingencies & Land & Easement Costs	\$ 300,000
Reserve Requirements	<u>\$ 394,000</u>
Total Cost	\$4,334,000

Digester Project at Oakland Treatment Plant

Administrative and Legal Expenses	\$ 5,000
Engineer Design Costs	\$ 300,000
Engineer Basic Construction	\$ 100,000
Engineer Inspection	\$ 150,000
Construction	\$3,500,000
Interest During Construction	\$ 175,000
Contingencies & Land & Easement Costs	\$ 300,000
Reserve Requirements	<u>\$ 453,000</u>
Total Cost	\$4,983,000

List of major sewer projects done within the last 10 years:

South Kansas River Interceptor
Wanamaker Pump Station
Central Park Pump Station
Deer Creek Pump Station
Deer Creek North and South Interceptor
Oakland Wastewater Treatment Rehab Project
Roosevelt Sewer Rehab
Shunga Pump Station Rehab and Odor Control
Stormont Vail (Potwin) Interceptor
Atchison Street Sewer
Ash Street Bar Screen
Furman Interceptor – Phase 1 & 2