



State Revolving Fund Loan Program an Indiana Finance Authority Environmental Program

100 North Senate Avenue, Room 1275
Indianapolis, Indiana 46204
www.srf.in.gov

MEMORANDUM

TO: Project File, City of Greenwood, Capital Improvements Plan –Western Regional Interceptor Phase I
SRF Project #WW 18 02 41 01

FROM: Tracey R. Trimpe

DATE: December 10, 2018

RE: Green Project Reserve, Business Case Summary

The Western Regional Interceptor (Phases I & II) project involves adding an additional interceptor on the western side of Greenwood's Wastewater System. The interceptor project consists of gravity sewers, providing the greatest benefit to the City, and lowering operation and maintenance costs, by the abandonment of several lift stations in White River Township. The abandoned lift stations will be converted to flow-through manholes, and two (2) force mains will be rerouted to connect into the proposed system. One of these force mains is the proposed 24-inch diameter force main from the existing Lone Pine Farms Lift Station, which will be connected to the El Dorado lift station wet well, which will be converted into a flow-through manhole. The second is the existing 8-inch diameter force main from the Wakefield lift station on Smith Valley Road, which will be rerouted to the proposed interceptor. Major system components include:

- Approximately 50,000 feet of gravity sanitary sewer, ranging in size from 8- to 60-inch diameter;
- Approximately 10,000 feet of 24-inch diameter force main;
- Stream and creek crossings to be constructed via open trenching method, including Pleasant Run Creek crossing consisting of two (2) parallel 42-inch diameter pipes;
- Conversion of ten (10) existing lift stations to manhole structures (GPR) to be connected to the new gravity sewers;
- Connection to Citizens Energy Group's (CEG) existing 102-inch diameter South Marion County Regional Interceptor (SMCRI); and
- Installation of a flow meter in a manhole on the 60-inch diameter interceptor.

The project will be constructed in phases, which will depend primarily on the land acquisition process required for the project. The phase dividing line is located at Smith Valley Road, with Phase I located in the area north of Smith Valley Road and Phase II located in the area south of Smith Valley Road.

A Business Case, for the project listed above, was reviewed by internal staff and found to be in accordance with the SRF GPR requirements for the Energy Efficiency (Conversion of ten (10) existing lift stations to manhole structures to be connected to the new gravity sewers) Category.

Conclusions: Based on Post-Bid documentation (for Phase I only), the Total GPR for this project is in the amount of \$25,273,060.00 (\$612,500.00 Engineering + \$24,660,560.00 Construction) Total GPR Amount, Energy Efficiency Category. This project (Phase I) is currently under construction and disbursement requests are being submitted to SRF for review/approval.

As of the date of this memo, the City of Greenwood has not closed on a loan for Phase II.

