



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: Official Loan File

FROM: Amanda Rickard

DATE: March 25, 2013

RE: Green Project Reserve (GPR) Categorical Exclusion and Business Case
Huntington Frederick Street CSO Interceptor
SRF Project WW111535 03

The City of Huntington proposes to reduce volume and frequency of overflow from three existing CSO points in the collection system by constructing approximately 6,700 feet of sewer interceptor ranging in diameter from 36- to 54-inches. The interceptor sewer flow will discharge into an existing diversion structure, which connects flow to the wastewater treatment plant. The project will also eliminate an existing pump station, and incorporate a new recreational trail using permeable pavers within the construction limits of the proposed interceptor.

Components of this project are considered to be green under two GPR categories, as summarized below.

The green infrastructure components are the recreational trail with permeable pavement and rain gardens. The permeable pavement and rain gardens will collect precipitation from the recreational trail. Permeable pavement is considered categorical under 1.2-1, and rain gardens are considered categorical under 1.2-2.

The energy efficiency components are use of centrifugally cast fiberglass reinforced polymer mortar (CCFRPM) pipe, and elimination of a collection system lift station. Constructing the sewer interceptor with CCFRPM pipe will reduce infiltration/inflow resulting in significant savings in treatment costs at the plant over the life of the project. The LaFontaine Lift Station will be replaced with gravity pipe. Sending flow by gravity to the plant, rather than by pumping, results in significant savings in operation and maintenance costs over the life of the project. The business case developed by BLN was reviewed and found to meet the GPR requirements for the energy efficiency category.

The total GPR cost is \$2,756,843. Of this, the construction cost based on bids is \$2,543,918 and engineering cost is estimated at \$212,925.

Huntington closed an SRF loan in the amount of \$7,253,000 on March 21, 2013.