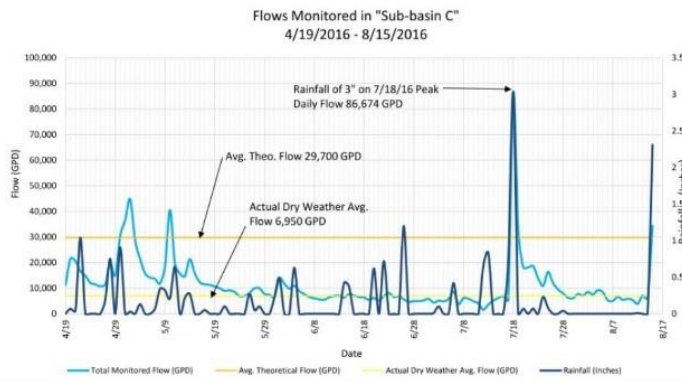
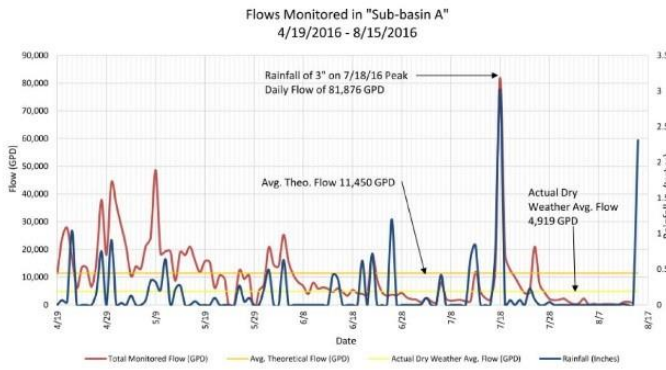


CITY OF HOOPESTON, IL

6TH STREET SEWER LINING



Location

Hoopeston, Illinois

Year

2016-2018

The City of Hoopeston owns and maintains approximately 30 miles of gravity sanitary sewer of which, the majority was constructed between 1957-1970. C2 Engineers was hired to analyze and provide a resolution to frequent sanitary sewer overflows that were occurring in the northeast part of the City.

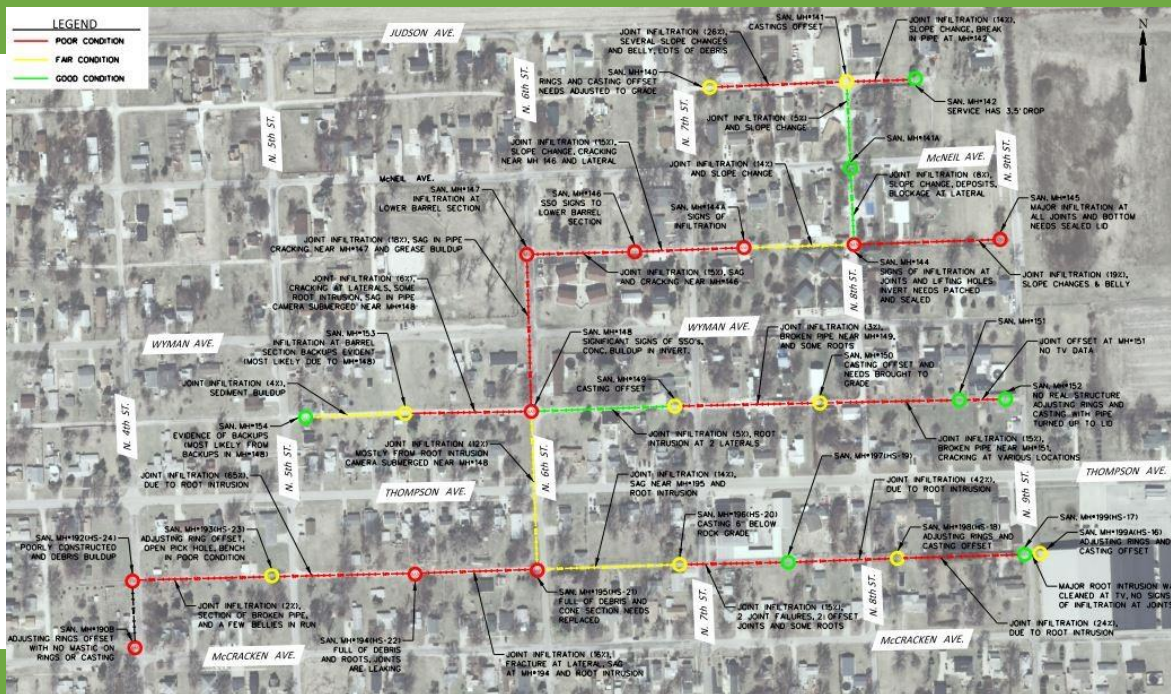
Scope of Work:

- Evaluated existing collection system to isolate areas of concern
- Evaluation included flow monitoring, sewer televising, manhole inspection, smoke testing, and capacity analysis
- Developed a facility plan to apply for funding through IEPA's Water Pollution Control Loan Program to construct improvements and prevent sanitary sewer overflows
- Developed plans, specs, and contract documents

CITY OF HOOPESTON, IL

6TH STREET SEWER LINING

SANITARY SEWER EVALUATION



The Challenges:

1. Physical inspection and evaluation of sanitary sewers and manholes
2. Isolating areas and causes of storm water inflow and infiltration
3. Developing realistic costs associated with operation and maintenance of the system in its existing condition

Solutions provided by C2:

1. Subcontracted with Telescan to provide sewer televising and smoke testing to inspect and evaluate the collection system for structural deficiencies and signs of storm water inflow and infiltration
2. Installed flow monitors to collect data on dry and wet weather flows in the area
3. Visually inspected all sanitary sewer manholes
4. Completed a facility plan to apply for financing through IEPA's water pollution control loan program
5. Developed construction cost estimates, plans, specifications, and contract documents to allow the City to seek financing from the IEPA and a qualified contractor to construct the improvements

C2 Engineers provided topographic survey, collection system evaluation, design, contract documents, and applied for financial assistance through IEPA within contractual obligations.

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