SAW Grant

Storm Water Asset Management and Waste Water

Awarded in 2015

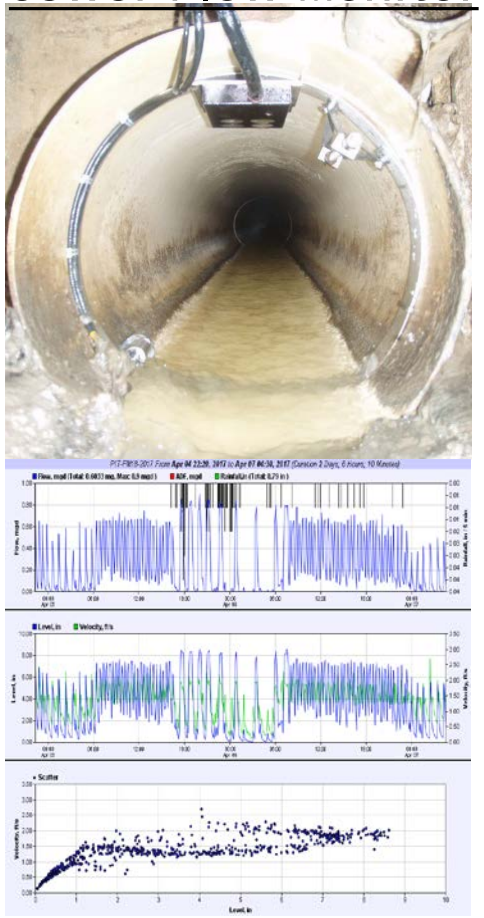
- Received $1.4 Million Grant to upgrade Assessment Management Program.
  - Asset Inventory
  - Criticality/Risk Assessment
  - Level of Service (Gold)
  - Capital Improvement Plan (CIP)
  - CIP Funding Analysis
  - Capacity Study

What did we do!

- Clean and Televise 60 plus miles of Sanitary Sewer
- Condition Rating (Evaluated each foot of Pipe)
- Inspect 3,578 Manholes
- Flow Monitoring
- ID Problematic Areas
- Develop Short and Long Term Goals
- Deploy AMP Software
- Acquire new Equipment

Equipment Used

Sewer Flow Monitor



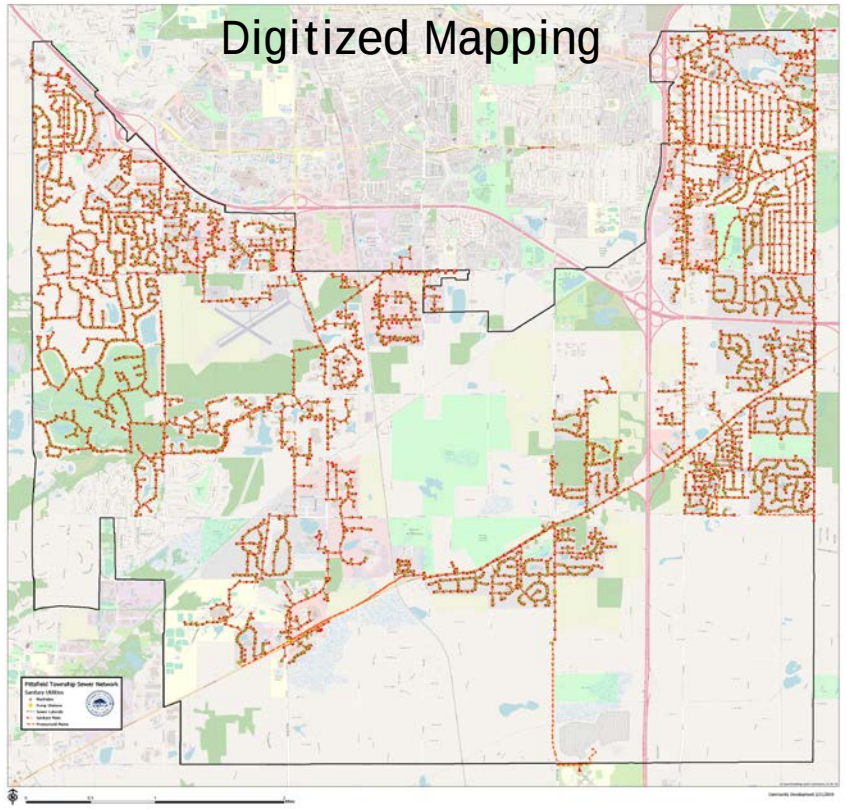
C.C. T.V. Sewer Camera Truck

Vactor

Our System

Approximately 150 miles of Sewer Maintained
Ranging in Sizes from 4” to 36” in Diameter

Digitized Mapping



Traditional Sewer Layout

Why is SAW Important?

Cost Comparison
Proactive vs. Reactive

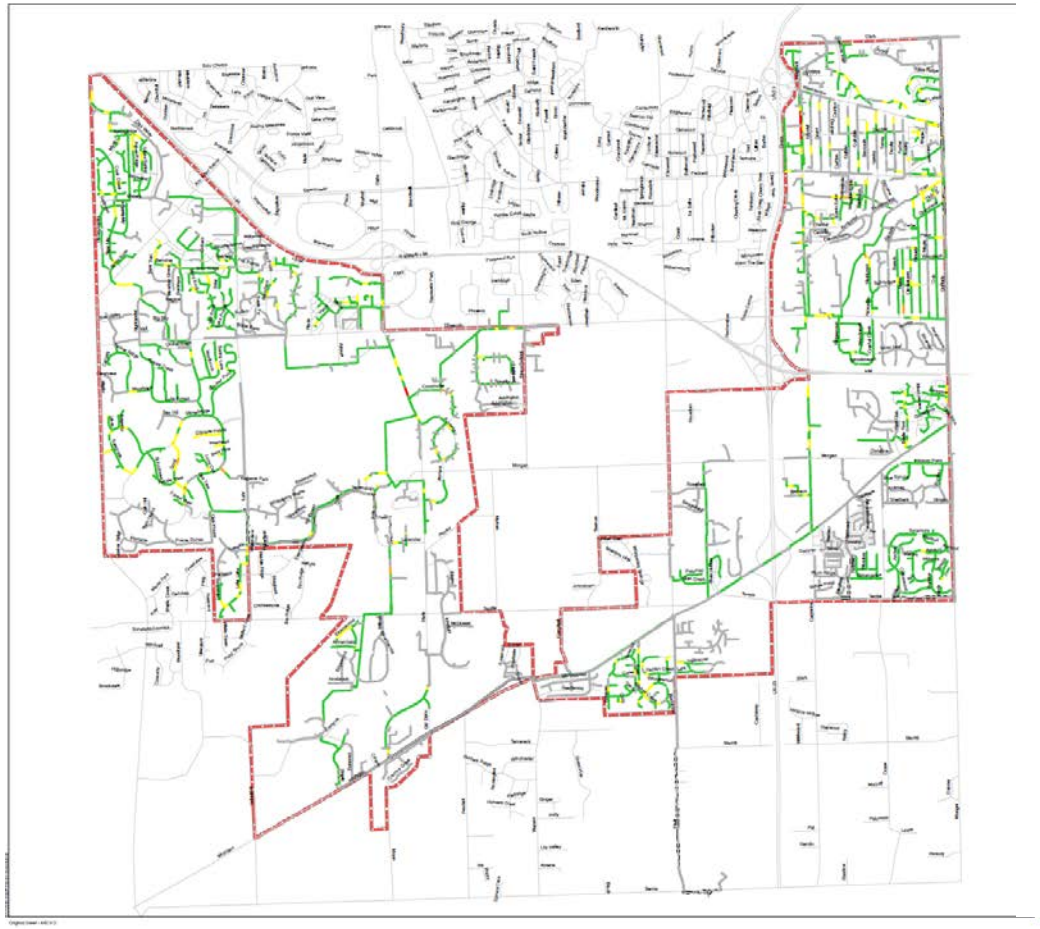
Proactive

- New/Replacement Sewer Installation
  - $50 to $400 per foot based on size and site conditions
- Sewer Rehabilitation (Lining)
  - $40 to $400 per foot based on size and bypass needs

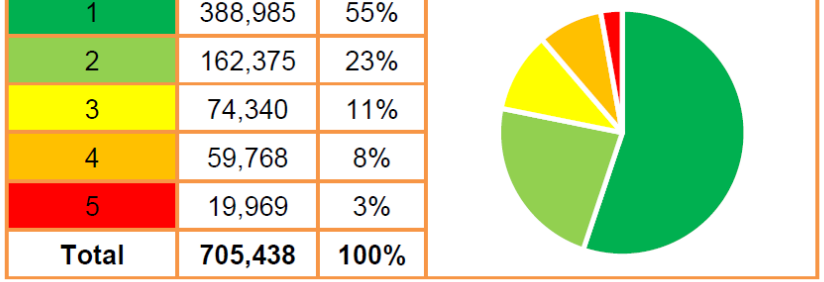
Reactive

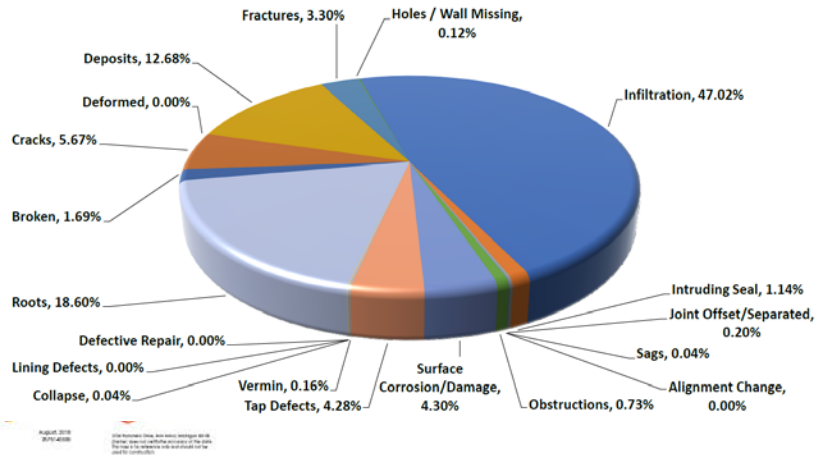
$5000/Ft.

Results



Gravity Sewer Condition Rating	Length	%
1	388,985	55%
2	162,375	23%
3	74,340	11%
4	59,768	8%
5	19,969	3%
Total	**705,438**	**100%**





Examples of Things Found in the Field

Questions