



**TRI-COUNTY**  
Engineering Consultants

**OWNER / CLIENT**

LENOX TOWNSHIP  
CAM TROMBLY  
DPW SUPERINTENDENT  
(586) 727-2085

VILLAGE OF NEW HAVEN  
MARCUS DILBERT  
DPW SUPERINTENDENT  
(586) 749-0230

PROJECT START - END  
2017 - 2018

PROJECT COST  
N/A

KEY PERSONNEL  
SERMED K. SAIF, PE

PROJECT NO.  
LX17006  
NH17012



**MUNICIPAL**



48701 Hayes Road  
Shelby Twp, MI 48315

[www.Tri-CountyEng.com](http://www.Tri-CountyEng.com)

# PROJECT PROFILE

## WATER SYSTEM ASSET MANAGEMENT PLAN LENOX TOWNSHIP / VILLAGE OF NEW HAVEN, MACOMB COUNTY, MICHIGAN

### BACKGROUND

The Asset Management Plan (AMP) demonstrates sound stewardship of municipality existing assets to support its services at desired levels and to ensure the support of the Village's infrastructure is financially sustainable. The AMP allows the municipality to:

- Provide input for long-term water and wastewater masterplans
- Aid in budgeting and infrastructure planning
- Document existing and planned work practices and procedures
- Develop sustainable financial plan
- Address customer anticipated levels of service
- Meet legislative requirements
- Support funding applications

### LOCATION

Lenox Township / Village of New Haven, Macomb County, Michigan

### SCOPE

The Asset Management tasks are illustrated below:

- Asset Inventory
- Asset Assessment and Inspection
- Condition Assessment
- Level of Service
- Criticality of Assets
- Operation and Maintenance (O&M) Strategies
- Revenue Structure
- Long-term Funding/Capital Improvement Planning

### SPECIAL FEATURES

All existing assets were inventoried, checked for connectivity, then rated applying age-based assessment (Record & GIS data) using NASSCO Pipe and Manhole Assessment Certification Programs (PACP & MACP). The NASSCO scoring system provides for a consistent inspection and evaluation process so that all pipe and structures inventoried have consistent Structural and Operations and Maintenance (O&M) condition ratings.

