

# Bassett Engineering

*State-of-the-Art Municipal & Environmental Engineers*

## Wastewater



Altoona Water Authority, Westerly WWTF

## Bridges



Upper Bodines Road Bridge, Lewis Township

## Key Services

- **Bridge & Roads**
- **Wastewater Treatment & Collection**
- **Water Supply**
- **Municipal Buildings**
- **Environmental Permitting**
- **Grant & Loan Funding Assistance**
- **Land Development**
- **Construction Inspection**



# Bridges

Precast Concrete Arch



Aluminum Box Culvert



Beam Bridges



GRS



## Roads



Bridge Street, Mifflintown Borough

## Buildings



Garage and Salt Shed, Cummings Township

## Environmental & PennDOT Permitting



WW Treatment Plant Replacement,  
Millville Borough

- DEP Act 537 Plans
- DEP Chapter 102 Permits for Construction
- DEP Chapter 105 General Permits (GP-4, 5, 7, 11, etc.)
- DEP Sewage Facilities Planning Modules (1, 2, 3, & 3s)
- DEP Dam Inspections & Permits
- USA COE & PA DEP Joint Permits
- PennDOT Highway Occupancy Permits
- PA Historical and Museum Commission Reviews
- Erosion & Sediment Pollution Control Plans
- Stormwater Management Plans
- PA Natural Diversity Index (PNDI)

## Wastewater

### Wastewater

- Treatment
- Collection & Conveyance
- Pumping Stations
- Nutrient Removal
- Process Modeling
- Act 537 Plans
- Chapter 94 Reports
- Anaerobic Digestion
- Waste-to-Energy
- Cogeneration
- Codigestion



Throop WWTP, LRBSA

## Water

### Water

- Treatment, Storage Pumping & Distribution
- Treatment Alternatives Analysis
- Filtration
- Wells, Surface Water Supply
- Booster Pumping Stations
- Computer Modeling of Distribution Systems



Laporte Water Tank

## Waste-To-Energy



## Land Development

Bassett Engineering does not work for private developers in municipalities where we serve as the Engineer reviewing Subdivision and Land Development Plans, Designs and Reviews:



Loyalsock Township, Little League Lights



Limestone Township Park

# Bassett Engineering Inc.



Throop Aeration, LRBSA

## Company Profile

*"Providing cost effective and unique solutions by applying proven technology in innovative arrangements"*

Britt Bassett, PE, BCEE, founded Bassett Engineering in 1996. We are a state-of-the-art municipal and environmental engineering firm. We specialize in municipal engineering services including the study and design of wastewater collection and treatment systems, waste-to-energy, combined heat and power, bridge & culvert replacements, land development, roadway reconstruction & resurfacing, NBIS bridge inspections, water treatment, storage and distribution systems, streetscape enhancements, and subdivision reviews.

### OUR MISSION

Bassett Engineering's mission is to provide cost effective and unique solutions to our client's problems by applying proven technology in innovative arrangements. We customize our recommendations and designs to address our client's specific needs, desires, and concerns. Our goal is to provide the highest quality municipal and environmental engineering in all locations where we practice. Bassett Engineering, partnered with GDF, won the Superior Achievement Award from the AAEEES for the Nutrient Removal Upgrade of Altoona Westerly WWTF. Bassett Engineering also won two statewide awards from PSATS for bridges and one from PSAB for road improvements. BNR and ENR projects throughout the Chesapeake Bay watershed over the past 32 years.

## Grant Writing & Loan Funding Assistance

- PENNVEST
- Rural Utilities Service
- Department of Community and Economic Development and PennDOT Multimodal Transportation Funds
- Dirt & Gravel Roads
- Community Development Block Grants
- Infrastructure Development Program
- Appalachian Regional Commission Grants
- Department of Conservation and Natural Resources
- FEMA

• Study • Survey • Design • Permits • Bidding

• Construction Engineering Inspection • Start-up • Operations Assistance



Beaver Lake Dam,  
Beaver Lake Wilderness Club



Altoona Water Authority, Easterly WWTF