



Municipal Services

Fagan Engineers & Land Surveyors, P.C.

Civil | Municipal | Environmental | Surveying & Mapping | Energy | Construction Management

Fagan Engineers is a civil/environmental engineering firm located in Elmira, NY. We have been involved with over 350 sanitary sewer and water service projects since 1985, from system planning and modeling for municipalities to major system expansion projects. Our staff includes Professional Engineers (NY/PA), Licensed Land Surveyors (NY/PA), Planners, CAD Designers, Wetland Delineators, GIS Technicians, Field Engineers, and Construction Managers.

Contact | James B. Gensel, P.E., CPESC | P 607.734.2165 | E office@FaganEngineers.com

Key Projects

Elmira-Southport Area-Wide Sewer System Improvements

Fagan Engineers (FE) has assisted with the Town of Southport's efforts to continuously expand and improve sanitary sewer capacities within the Town. FE has been instrumental in developing and continuing to update the Town's Sewer Master Plan. Since 2000, FE has designed and managed the construction of 12 major sewer projects in the Town, representing a construction value over \$10M. Equally important, FE, along with the Town, applied for and received a combination of grants and interest-free loans to finance the projects from eight different state and federal funding agencies. The total funding equals approximately 80% of the project value.

Town of Corning Water Districts

FE has partnered with the Town of Corning to replace the public water systems for the Gibson and Corning Manor Districts. FE also developed the East Corning Water District to serve the new Guthrie Corning Hospital and guided the Town through two extension projects to leverage the investment into the East Corning system to provide water to 150+ additional properties. FE provided cradle to grave services for each of these projects including conceptual design, cost estimates, funding scenarios, grant/financing applications, design, permitting, bid documents, and construction inspection/management.

Land Development Plans

FE has been involved with over 400 land development projects since 1985. These projects range from single-family residential subdivisions to large multi-million dollar mixed-use complexes. When FE is not working as the design engineer, we routinely provide review consultant services to our local municipalities to insure that proposed projects meet local, State, and Federal regulations. FE will provide a comprehensive review covering all aspects of the project including utility design, stormwater mitigation, parking/traffic studies, and environmental mitigation.

Municipal Paving Projects

FE is retained by several municipalities to provide engineering services for their annual paving programs. FE's scope of services typically includes estimating contract quantities, analysis of existing pavement conditions, technical support on project improvements, and construction inspection services.



Chemung County Sewer Districts
Wygant Sewer Pump Station
Town of Horseheads, NY



East Corning Water Districts
0.53 Million Gallon Tank
Town of Corning, NY



Chemung County Sewer Districts
Chemung River Siphon Crossing, City of Elmira, NY

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Air & Noise

- Air Facility Permits and Registrations
- Air Quality Analysis
- Noise Analysis & Mitigation Design

Civil Engineering

- Asset Management
- Building Plans for Municipal, Commercial, & Industrial Applications
- Construction Coordination & Management
- Construction Stakeout & Control
- Environmental Impact Statements & SEQR Coordination
- Erosion & Sediment Control and Shoreline Restoration/Protection
- Facility Development Expansion
- Flood Impact Analysis
- Grant & Funding Applications (Build-Now NY, ARC, CBDG, CFA, URI, etc.)
- Grant Writing
- Geographic Information System (GIS) Mapping & Analysis
- Land Development & Site Design
- Local, State, & Federal Permitting
- Master & Land Use Planning
- Outboundary & Topographic Surveys
- Residential & Commercial Subdivisions
- Site Feasibility Analysis
- Solid Waste Management Facility Design, Permitting, & Construction Certification
- Stormwater Design & Planning (SWPPPs in NY and E&S/PCSM Plans in PA)
- Transportation & Traffic Engineering
- Infrastructure & Utility Development
- Zoning & Planning Review

Construction Management

- Constructability Reviews
- Construction/Compaction Testing
- Construction Quality Assurance Certifications
- Erosion Control Inspections
- Full-Time Construction Management

Environmental

- Archaeological Study Coordination
- Environmental Impact Statements
- Environmental Phase I/II/III Reports
- NYSDEC/PSC Coordination
- NYSDEC SEQR Coordination
- PADEP General Permits
- PADEP/USACE Joint Permits
- PHMC/PNDI Coordination
- Pipeline Corridor Study/Analysis
- Rare, Threatened, & Endangered Species Clearances
- Spill Prevention, Control, & Countermeasure Plans (SPCC)
- Wetland Delineation/Mapping
- Wetland Mitigation Design

Survey & Mapping Services

- Aerial Mapping & Control
- ALTA Surveys
- Boundary Surveys
- GIS Mapping & Control
- GPS Survey, Control, & Mapping
- Courthouse & Title Research
- Leasing/Contract Assistance
- Legal Descriptions
- Pipeline Classification (49CFR192.5)
- Pipeline, Well, and Compressor Pad Construction Stakeout
- Radio Detection of Pipelines
- Record Drawings
- Rights of Way & Easement Plats
- Subdivision Plats
- Topographic Surveys
- Well Location Plats

Water & Wastewater

- NYSDEC and PADEP Permits
- SRBC Coordination
- Wastewater Treatment Facilities
- Water Supply Applications
- Water Withdrawal Facility Design & Permitting



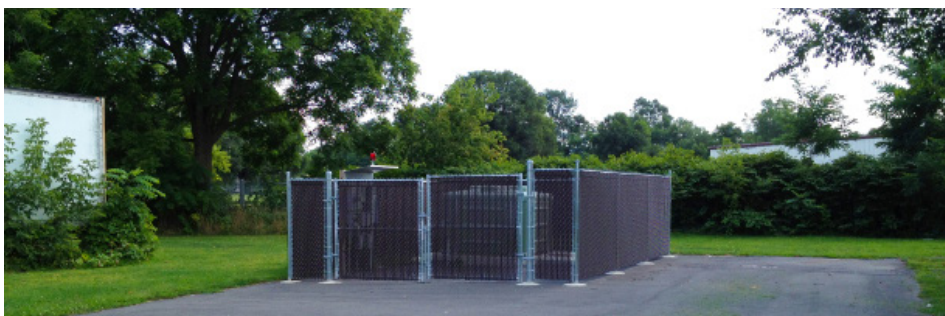
Grove Park Pavilion Site Design
City of Elmira, NY



Woodbrook Assisted Living
Town of Southport, NY



Town Highway Truck Wash Facility
Town of Horseheads, NY



Budd/Kinyon Street Service Area Sewer System
Town of Southport, NY



Elmira College Pedestrian Improvements
City of Elmira, NY