

James T. Frederick

Construction Lead Engineer



EDUCATION

A.S., Civil Engineering
Technology, Gateway
Technical College, 2009

Joined Firm in 2021

Years of Experience: 16

CERTIFICATIONS

WisDOT Highway Technician Certification Program

PCCTEC-1
AGGTEC-1
NUCDENSITYTEC-1
GRADINGTEC-1

Materials Coordinator

American Concrete Institute

Concrete Field-Testing
Technician – Grade 1

ASSOCIATIONS

Gateway Technical College
Advisory Board, Advisory
Member (Construction
Sciences) 2013 - Present

American Concrete Institute –
Wisconsin Chapter, Member
2013 – Present

Village of Sturtevant – Police
Commission 2020-Present



James has over 16 years of experience in project management, construction inspection, including municipal, commercial and highway; construction materials testing; geotechnical drilling supervision; geotechnical consulting; and land surveying. He is also proficient in project design, record drawing preparation, project cost estimating, scheduling, AutoCAD drafting, GIS, concrete testing and analysis, aggregate testing and analysis, and soil testing and analysis. James excels at collaborating with contractors and clients to resolve conflicts and provide field engineering solutions.

REPRESENTATIVE PROJECTS

Oak Creek Water & Sewer Utility, WI

Rawson Avenue Water Main Extension

Resident Engineer for the installation of approximately 1,346-feet of 12-inch water main by directional drill method, 195-lineal feet of 12-inch water main by the open cut method, and 100-lineal feet of 12-inch water main by the jacked-in-place steel casing method for the area east of South Clement Avenue to Rolling Meadows Court.

Union Grove, WI

Milldrum St. Utilities and Reconstruction

Project manager of Milldrum St. reconstruction of 1,700 feet of roadway with new water main, sanitary and storm. Project included strict schedule with a school access and continues access of residents.

Union Grove, WI

Industrial Park Infrastructure Improvements

Construction Manager for the industrial park improvements including approximately 10,000 feet of road reconstruction with an improved design for accessibility and drainage. Project contain extensive subgrade improvements to improve road pavement longevity.

Somers, WI

Water Main West of the Subcontinental Divide

Construction observation of the installation of water service utility lines to serve the BP and Kwik Trip developments at the northeast corner of the intersection of I-94 and STH 142 (CTH S) and to the Tawani – Pritzker Military Development located near the southwest corner of County Highway E (12th Street) and 100th Avenue.

Fox Point, WI

Port Washington & Wye Lane Water Main and Road Reconstruction

Construction Manager of the construction project consist of approximately 2,200 feet of water main horizontally directionally drilled and another 900 feet open cut installed, along with the reconstruction of Wye Lane. Project consists of ADS storm sewer pipe work and regrading for improved drainage.