

Chad C. Fabre, P.E.

Areas of Expertise Roadways, water, stormwater, and wastewater facilities planning/ engineering/ design; site development, grading, drainage, and earthworks.

Education BS Civil Engineering
University of Florida, 1993

Registrations Professional Civil Engineer in CO, WY, MT, FL, AL

Year of Experience 2 years as survey rodman and CAD tech
2 years as Project Engineer
13 years as Project Manager & Engineer

Skills Experienced in the planning, design, and permitting of public and private engineering projects.
Experienced in the bidding, construction administration, and inspection of public and private engineering projects.
Well-rounded knowledge of water & sewer utilities, roadways, pump and storage facilities, grading, drainage, and stormwater.
Knowledgeable with land surveying concepts and methods.
Expert in Civil 3D, Autocad, LDD, SWMM, CUHP, and WATERCAD.

Experience

2001 - Present – Senior Partner/President, Fabre Engineering, Dacono, CO

Responsible for engineering design and construction administration of land development and municipal projects. Highlights include engineering planning, design, and approvals for five large (40-100 acre) subdivisions. Provided construction documents for roadways, water, wastewater, stormwater, and grading. Worked on public improvement projects for both Escambia County Parks & Recreation, Escambia County Engineering, and Escambia County School District while working in the Pensacola, FL office.

1998 - 2001 – Project Engineer, Boyle Engineering, Lakewood, CO

Responsible for engineering design and construction administration of land development projects. Highlights include working as project engineer for new Wal-Mart store construction in the western region (CO, WY, MT, and UT).

1996 - 1998 – Project Engineer/Project Manager, Wilson Miller, Fort Myers, FL

Responsible for engineering design and construction administration of water, wastewater, and land development projects. Highlights include managing the design, bidding, and construction administration of a \$15 million sewer construction project for the City of Bonita Springs. Reported directly to Manager of Utilities of Bonita Springs.

1993 - 1996 – Project Engineer, Hartman & Associates, Fort Myers, FL

Responsible for the engineering design of municipal water & wastewater facilities. Highlights include providing water system master plans and hydraulic analysis for the City of Naples, City of Sanibel, and City of Lehigh Acres.

1985 - 1993 – Survey crew, CAD technician, Field Inspector

Worked summers as a survey rodman, cad technician, and field inspector for municipal utility and roadway projects. Highlights include providing construction inspection services for the City of Pace gravity sewer expansion and new wastewater treatment plant.

Project List

NCB Corporate Offices, Centennial, CO. Provided civil construction plans for 2-acre commercial site.

Central Court Townhomes, Denver, CO. Provided grading, drainage, water, and sewer designs and plans for a 6-unit townhome redevelopment.

Wyman Townhomes, Denver, CO. Provided grading, drainage, water, and sewer designs and plans for a 10-unit townhome redevelopment. Provided construction inspection and as-built plans for sewer system.

6th & Inca Townhomes, Denver, CO. Provided grading, drainage, water, and sewer designs and plans for an 8-unit townhome redevelopment. Provided construction inspection and as-built plans for sewer system.

Mandalay Town Center Utilities, Westminster, CO. Provided potable water system and sanitary sewer analysis & report for 65-acre commercial site.

Camp George Recreational Fields, Jefferson County, CO. Prepared grading plans for three multi-use fields, realignment of an existing drainageway, and landscape features. Produced profiles and cross sections, and performed earthwork calculations to achieve dirt balance.

Park Improvement Projects, Murrieta, CA. Provided civil construction plans for various parking lot and ballfield projects, including Pond Park, Estancia Park, Murrieta Town Center, Torrey Pines Park.

Cantonment Athletic Park, Pensacola, FL. Prepared grading plans for two multi-use fields, Prepared road plans including wetland crossing via open-bottom culvert. Produced profiles and cross sections, and performed earthwork calculations to achieve dirt balance.

Wal-Mart Site Development, Western Region. Project Engineer responsible for conceptual planning and layout, preparation of construction plans, permitting and city approvals for Walmart sites in CO, MT, WY, and UT.

Menifee 30, Riverside, CA. Provided water, sanitary, stormwater, and roadway civil construction plans for 23-acre, 88-lot subdivision.

Prairie Farm, Commerce City, CO. Provided water, irrigation, sanitary, stormwater, and roadway civil construction plans for a 90-acre, 300-lot subdivision.

Buckley Ranch, Commerce City, CO. Provided water, irrigation, sanitary, stormwater, and roadway civil construction plans for a 40-acre, 255-lot subdivision.

High Point, Commerce City, CO. Provided water, irrigation, sanitary, stormwater, and roadway civil construction plans for a 40-acre, 250-lot subdivision.

Quivas Street Condos, Thornton, CO. Provided civil site design and plans for a 50-unit condo development, including grading, drainage, water, and sewer.

GT RV Sales, Federal Heights, CO. Provided civil design and plans for expansion of an existing RV sales lot.

Davidsons Liquors, Douglas County, CO. Provided civil design and plans for building and parking expansion.

SecurCare Self Storage #603, Colorado Springs, CO. Provided civil construction plans for a 1-acre expansion to an existing storage development.

Dacono Self-Storage, Dacono, CO. Provided civil construction plans for 5-acre self-storage development.

Gypsum Self-Storage, Gypsum, CO. Provided civil construction plans for 5-acre commercial site.

Centennial Self-Storage, Frederick, CO. Provided civil construction plans for 4.5-acre commercial site.

Newlin Meadows Self Storage, Parker, CO. Provided civil construction plans for 3.3-acre commercial site.

The Village Grading, Drainage, and Utilities Plan and Report, Commerce City, CO. Provided grading and drainage design and report for 128-acre mixed-use development. Provided water, sewer, and irrigation main sizing and design.

Promontory Residential Drainage, City of Greeley, CO. Provided drainage design and report for 160-acre residential development.

Quebec Riverdale Drainage, Thornton, CO. Provided drainage design and report for 120-acre residential development.

Box Elder Ranch Water and Irrigation, Brighton, CO. Provided water and irrigation systems design for 300-unit residential development. Sized pipes and pumps using KYPipe. Provided construction plans for Phase 2 irrigation system.

Carrie Subdivision Filing 2, Boulder, CO. Provided civil plans, drainage and utility reports for 5-lot subdivision, and adjacent roadway and trail improvements.

Cerano Apartments, Adams County, CO. Provided civil design and plans for 12-unit apartment complex.

Habitat for Humanity, Broomfield, CO. Provided civil design and plans for 16-unit duplex development.

Hudson Tank and Pump Station, Hudson CO. Provided civil design and plans 1.2 MG water storage tank and 5000 gpm pump station.

Bridgeport Homes, Littleton, CO. Provided civil design and plans for roadway improvements to serve a 4 lot subdivision redevelopment.

112th & Lawrence Townhomes, Denver, CO. Provided water and sewer utility plans to serve a 12-unit townhome renovation. Provided construction inspection and as-built plans for sewer system.

North Tributary of Massey Draw, Jefferson County, CO. Project Engineer assisting in plan production of channel improvements. Produced profiles and cross sections and performed earthwork calculations.

Vantagepointe Homes, Foley, AL. Provided civil construction plans for 15-acre multifamily site.

Retreat at Midway, Midway, FL. Provided civil construction plans for 40-acre mixed use site.

The Brooks Parcels H&I, Lee County, FL. Project Manager for site design and permitting of roads, parking, drainage, and utilities for single family and commercial parcels totaling 50-acres.

Riverwood, Charlotte County, FL. Project Manager for design and permitting of roads, drainage, and utilities for a three separate residential developments.

Lighthouse Bay, Lee County, FL. Project Engineer for design and permitting of roads, drainage, and utilities for a 550-unit single and multi-family development.

Bonita Springs Gravity Expansion One, Lee County, FL, Project Manager for design and construction inspection of a 5-phase sewer expansion serving 1,800 new units in a coastal, low-lying environment. Project included 24 miles of gravity sewer, trenchless installation of forcemain and gravity pipe, value engineering of STEP/grinder systems, and easement acquisition. Produced over 100 plan and profile sheets using Softdesk.

City of Sanibel Wastewater Master Plan, Lee County, FL. Examined existing and future collection system deficiencies using the WATERCAD hydraulic model. Project included report preparation with 20-year phasing and cost plan improvements.

Lehigh Acres Water and Wastewater Master Plan Implementation Program, Lee County, FL. Examined existing and future transmission system deficiencies using the WATERCAD hydraulic model. Project included report preparation with 5-year phasing and cost plan for improvements.

The Brooks Utilities Master Plan, Collier County, FL. Examined existing and future raw and treated water transmission system deficiencies using the WATERCAD hydraulic model. Model included over 200 miles of pipe, 22 pumps, 6 storage tanks, and 63 wells. Project responsibilities included report preparation with 20-year phasing and cost plan for improvements.

Lee Boulevard Ground Storage Tank and Booster Pumping Station, Lee County, FL. Project Engineer responsible for design, drafting, permitting, contract documents, and technical specifications for construction of a 0.5 mg potable water storage tank and pumping station.

Bonita Springs Master Pump Station, Lee County, FL. Project Engineer for design and permitting upgrade to an existing master pump station. Upgrade included replacement of wet well, pumps, generator, landscaping, and odor control.

Lehigh Master Pump Station, Lee County, FL. Project Engineer for design, drafting, permitting, and technical specifications for construction of triplex wastewater pump station.

City of Pace Wastewater Improvements, Santa Rosa County, FL. Project Engineer for construction inspection of a 1.0 mgd wastewater collection and treatment system.