



ALEX WILDE, E.I.T.
DESIGN ENGINEER



EDUCATION

B.S. Civil Engineering

University of Minnesota Duluth, Duluth, MN

PROFESSIONAL EXPERIENCE

Mr. Wilde has three years of design engineering experience, including project administration, review of reports and plan sets, basic design calculations, and sanitary sewer inspections. He has knowledge of soils, materials, and testing standards. He is proficient in the use of ArcGIS and Microsoft Office Suite.

KEY PROJECT EXPERIENCE

- *Applewood Sanitation District, Jefferson County, Colorado.* Provides design engineering services for the annual system inspection and maintenance of the District. This includes manhole inspections, review of sanitary sewer video inspections, and the production of the annual Line System Status Report.
- *2022 Lift Station Analysis, East Alamosa Water and Sanitation District, Alamosa, Colorado.* Design Engineer. Assisted with the preparation of the Lift Station Analysis Report, which analyzed and recommended improvements for each of the District's Lift Stations (excluding Lift Stations No. 1 and 2, which had been recently rebuilt). This work included calculations of the overall flows within the system and the capacities of each of the lift stations.

PREVIOUS EXPERIENCE

- *Estimator & Project Manager Intern, Fehn Companies.* Duties included the examination of plans/specifications for accurate cost analysis, coordination with contractors on projects in bidding and construction phases, completion of take-offs on Agtek software to assist Project Managers with time-sensitive bids, calculation of quantities for various materials (including cut/fill and import/export), entering of bids into Bid-2-Win program to analyze and interpret costs of bidding projects, and visitation of job sites to review typical construction techniques on infrastructure projects.
- *Engineering Technician Aide, Hennepin County Public Works.* Assisted the Transportation Planning Department. Work included the weekly deployment of six (6) traffic counting equipment sets throughout the County, processing of traffic videos for turning movement and pedestrian counts, creation and maintenance of Excel templates, creation and presentation of memos and observations to the Safety Operations Committee, and the development of maps using GIS software (including data entry and data management).
- *University of Minnesota Duluth:* Civil engineering coursework included an emphasis on Water Resources, including Watershed Engineering, Hydraulic Design, Open Channel Hydraulics, and Water Resources Engineering.