



Shawn Christensen, CESCL Engineering Technician



Shawn Christensen has more than eighteen years of civil engineering CAD drafting and design experience in both Eastern and Western Washington. He has participated in the designs of residential and commercial developments including roadway design, Storm and SWPPP Reports, grading and storm drainage design, upstream and downstream field analysis, and the preparation of Technical Information Reports. In addition, Mr. Christensen has spent time working as a construction inspector for sewer projects

In his position as engineering technician, Mr. Christensen is responsible for road design calculations, water main and stormwater designs, grading and drainage designs for Suncadia residential and various commercial sites, construction plans and residential plats. He has been instrumental in organizing and coordinating with sub-consultants and governing agencies to meet the needs of our clients.

Mr. Christensen's recent project experience includes creating full construction plans for Yahoo commercial buildings, storage units, and large apartment buildings, multiple residential grading, drainage and driveway designs, and roadway designs in Kittitas County.

Representative Project Examples

Fort Lewis/JBLM IDIQ Contracts (Tacoma) - Require project coordination with various design disciplines. Project timeframes were typically 2 to 6 weeks. Numerous projects of varying types including but not limited to Memorial Stadium Renovation, firing range renovations and upgrades, Pendleton Avenue re-design and parking lots, fuel tanker purging station, helicopter parking apron expansion, hydrogen fueling stations, remodel of exercise areas and existing buildings for prison, new laundry facilities, re-design/replacement of existing steam systems, re-design/expansion/replacement of existing rail systems, fire system upgrades to numerous buildings, combat readiness facility for Rangers, retail facilities, traffic improvement upgrades at base access gates

Michael's Arts & Crafts Distribution Center (Centralia) - Design-build project on 46 acre site, utility infrastructure design including stormwater pond design, truck turning diagrams, site layout, completed within 11 months (design to client moving in).

Kittitas County Road and Driveway Designs (Kittitas County) - Approximately .5 mile driveway design to bring to Kittitas County code, re-design and extension of multiple existing access roads to County standards, road extension designs which include stormwater design.

Port Commerce Distribution Center/Corporate Park (Tacoma & Fife) - This project straddled the city limit lines of both cities. Design-build project, utility infrastructure design including stormwater pond design, truck turning diagrams, site layout, and rail spur layout option.

Swiftwater Business Park (Cle Elum) - Short plat mapping and water main extension design plans.

URS Corporation - City of Ocean Shores Vacuum Sewer Project (Seattle) - Design of approximately 95 miles of vacuum sewer for the City, design 8 new vacuum pump stations, upgrades to existing sewage treatment plant, design of new sewer forcemain, connection layout and design for every home lot to new sewer system, and construction monitoring and inspection.

Tehaleh Master Plan Project (Bonney Lake) - 4,800 Acre master plan development including Welcome Center/Sales Office, IWWTP (Interim Wastewater Treatment Plant), grading & drainage plans for neighborhood parks, plat and utility infrastructure plans.

Amazon Distribution Center (DuPont) - 1,100,000 square foot distribution center on a 50 acre site, utility infrastructure design including stormwater pond design, truck turning diagrams, and site layout.

SeaTac Airport (Sea Tac) - Remodel/Expansion of baggage handling system

City of Midway Water District (Midway) - Upgrades/expansion of sewage treatment facility

Lakehaven Water District (Federal Way) - Water system upgrades

Education

1996, Architecture & International Business, Washington State University
1998, AAS in Computer Aided Drafting & Design, ITT Technical Institute

Registration

CESCL, State of Washington