

ROBERT SMITH

Civil Engineer/Research Assistant

Phone: (0123)-456-789 | Email: info@website.com | Website: Website.com

SUMMARY

Construction of many varied projects, including infrastructure, waste water, industrial, highways and power transmission. Fred is committed to getting the job done right the first time and holds the clients interest number one, while bringing projects and tasks to completion under budget and on time. Fred is looking for employment in a friendly open environment where he can further his knowledge and skills.

CORE COMPETENCIES

Autocad, Revit, microsoft office, Microsoft Excel, RISA 3D, Mathcad, STAAD PPro, Micro Station, GIS, Research.

PROFESSIONAL EXPERIENCE

Civil Engineer/Research Assistant

ABC Corporation - December 2012 – May 2013

Key Deliverables:

- Reviews designs for constructability and manages crews to build work in accordance with the project specifications, while maintaining aggressive schedules and budgets.
- Also works closely with design engineers to convey intent to construction crews.
- Works closely with management to build complex schedules and make sure work progresses in accordance with them.
- Liaise with temporary structures design teams to convey site conditions.
- Solicits quotes from subcontractors and works closely with them so they understand their scope Worked on several large projects over 200 million dollars including o Transmission line, Border Fence, Waste water treatment plant, combined cycle gas plants, Scrubbers, and Highway construction.
- Builds work plans that convey the important parts of construction, safety, and quality on the work to be performed.
- Estimates parts of large projects and entire smaller projects using Hard Dollar Manages correspondence between company and owner/client in the form of transmittals and submittals.

Civil Engineer

ABC Corporation - 2008 – 2012

Key Deliverables:

- Designed 3-D site grading plans for engineered solid waste facilities and active mines in Arctic Communities of Canada including waste cell grading and containment berm design, cover system grading and cap design, site access road design, building pad and pipe bedding design and quarry excavation design.
- Calculated soil excavation and fill quantities for site grading designs, quarry assessments and active mine closure activities.

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- Calculated storm water runoff for existing and proposed site conditions at active mines and Arctic communities including freshet estimating and design.
- Designed storm water diversion features for active sites including swales, culverts, piping systems, sump sizing and pump design, and all associated erosion protection.
- Designed upgraded fresh water intake piping systems for Native Communities including pipe sizing and bedding design, anchoring systems and erosion control.
- Developed design drawings and all technical specifications for all projects including grading design, cross sections, pipe profiles, and all required details.
- Developed engineering cost estimates for proposed projects and mine reclamation closure as required by Government legislation.

EDUCATION

- BS in Civil Engineering Technologies - March 2005(Colorado State University)