

# Robert Smith

## Civil Engineer Lead

### PERSONAL STATEMENT

Civil/Environmental Engineer specializing in civil site remedial design including excavation and site grading design, storm water analysis and design, and development of contract level design drawings and technical specifications.

### WORK EXPERIENCE

#### *Civil Engineer Lead*

ABC Corporation - November 2006 - January 2013

##### *Responsibilities:*

- 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.
- 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.

#### *Civil Engineer*

IH Engineers - 2002 - 2006

##### *Responsibilities:*

- Working on design projects from concept development through preliminary design to the preparation of final design documents.
- Implementing all aspects of roadway design engineering such as profile grades, roadway alignments, roadway analysis, and calculations for projects including streets, highways, freeways, roads and utility facilities.
- Performing design and calculations for reconstruction and rehabilitation of interstates, freeways, pedestrian facilities, and unsignalized intersections.
- Designing and developing traffic control, right-of-way, drainage, erosion and sediment control plans.

### CONTACT DETAILS

1737 Marshville Road,  
Alabama  
(123)-456-7899  
info@website.com  
[www.website.com](http://www.website.com)

### SKILLS

certifikat: stavbyveduci,  
stavebny dozor,  
zeriavnik, vodici D, D1,  
nakladacie a vykladacie  
stroje.

### LANGUAGES

English (Native)  
French (Professional)  
Spanish (Professional)

### INTERESTS

Climbing  
Snowboarding  
Cooking  
Reading

### REFERENCES

Reference - 1 (Company Name)  
Reference - 2 (Company Name)

- Implemented all aspects of cost engineering including estimating, cost control and project planning.
- Preparing technical reports for development of transportation projects.
- Contacting with clients in order to provide ultimate satisfaction.

## Education

Environmental Engineering - (SUNY ESF and Syracuse University - Syracuse, NY)