



# Colt Shelton, P. E.

## PROFESSIONAL EXPERIENCE

2015 - Present	Professional Engineer - Keltic Engineering, Inc., Lewiston, ID
2011-2015	Staff Engineer—STRATA—Pullman, WA
2009-2011	Research Assistant, Washington State University
2007-2008	Teaching Assistant, Washington State University
2005-2008	Bureau of Reclamation,- Yakima, WA

## PROJECT EXPERIENCE

### **Road Design/Reconstruction**

Road re-alignments, geometric designs of roadways, traffic studies, guard rails, water mains, sanitary sewers, storm drains, curbs and gutters, sidewalks, right of way fencing, lane striping, and signage. Recent roadway projects include:

Nez Perce Drive Extension, City of Kamiah Sidewalk and ADA Ramp Project, City of Lapwai sidewalk and ADA Ramp Project.

### **Construction Management**

Management of construction staking, staking calculations, inspections, tests, record drawings and legal descriptions. Recent construction management projects include:

### **Storm Drainage**

Prepared storm drainage reports and plans, used rational method to compute peak flow rates for specified storm events, utilized unit hydrograph software to calculate pre and post development runoff volumes, and sized facilities to detain increased volume while allowing outflow at a pre-developed rate. Recent storm drainage projects include:

Hampton Inn Hotel, Kinsale Place Senior Facility, Pendleton Bottling Storm Drainage Design, Rue 21 Site Design, Pioneer Hospital expansion, Touchstone Dr. septic design, Bugle Point subdivision.

### **Site Plan Development**

Site plan developments include access to the lots, parking lots, water mains, sanitary sewers, storm drains, parking lot layouts, curbing, and underground utilities.

Recent site development plans include:

**Structural Design Projects** in wood, concrete, steel, masonry and aluminum. This includes beams, foundations, retaining walls, and footings. Recent site development projects include:

Idaho Forest Group Planer building Design, Kenworth building Shop Drawings, Arby's Structural Sign Design, Idaho forest Group Chilco Facility Design, 743 Bryden Bakery Structural Design, LCSC CAH Masonry Building Inspections, Thunderjet Bridge Crane analysis.

### **Environmental Assessments**

Assess past and present land uses, assess site operation and conditions, identify presence of hazardous substances, evaluate soil and/or ground water contamination, and compile historical documentation, summary of findings and conclusions along with recommendations.

Recent environmental projects include:

2418 N & S Highway Phase I ESA, Millitec Products.

## Education

Masters of Science,  
Civil Engineering  
Washington State University  
December 2011

Bachelor of Science,  
Civil Engineering  
Washington State University  
December 2008

## Registrations

- Professional Engineer
- Washington - 52689
  - Idaho—16802
  - Montana—41210
  - Oregon—91225

## Affiliations

## Certifications

ACI Concrete Field Testing  
Technician, Grade 1

WAQTC Aggregate and As-  
phalt Testing Technician



**KELTIC ENGINEERING, INC.**