

# STATEMENT OF QUALIFICATIONS



## **IRONRIDGE CIVIL SOLUTIONS, INC.** **CIVIL ENGINEERS - LAND SURVEYORS - LAND PLANNERS**

2460 W HWY 56, STE 6  
PO BOX 3174  
CEDAR CITY, UT 84721  
(435) 586-9592



Dear Sirs,

IronRidge Civil Solutions, Inc., (formerly Bulloch Brothers Engineering, Inc.) has worked extensively and is very knowledgeable in Utah, Nevada and Arizona. We offer engineering and surveying design in sewer, water and storm water systems, roadway and utility design, and land planning and development. We offer services in residential, commercial, and industrial design. We employ cutting edge computer capabilities. We also provide project presentation and representation.

Our history as Bulloch Brothers Engineering is long and distinguished. Our staff is experienced and capable, and our employees' training is always up to date. We have served as the city engineer or engineer of record for several cities and towns.

Our goal is to creatively consider all aspects of a problem and identify viable options for consideration in a timely, efficient, and professional manner with all proper consideration of impact, longevity and economy.

IronRidge Civil Solutions Inc. carries \$2,000,000 dollars in General Liability insurance and \$2,000,000 dollars in Professional Errors and Omissions insurance.

It would be our pleasure to help you. Should you have any questions regarding the attached Statement of Qualifications please contact Joan Taylor at (435) 586-9592 or by email at [joan@ironridgcivil.com](mailto:joan@ironridgcivil.com). We appreciate your interest and look forward to working with you.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "R. Heath Oveson".

R. Heath Oveson, Principal  
IronRidge Civil Solutions, Inc.



**IRONRIDGE CIVIL SOLUTIONS INC. IS FULLY CAPABLE AND EXPERIENCED IN THE FOLLOWING AREAS:**

- Water system design, including pressure modeling
- Sanitary sewer system design, including wastewater treatment
- Storm drain system design, including watershed and flood studies
- Residential, Commercial and Industrial site planning/design
- Spring and well development
- Land planning & subdivision development/platting
- Record of Survey and ALTA/ASCM surveys
- Topographic survey & slope analysis
- Roadway design


**OUR LICENSED PROFESSIONALS INCLUDE:**

- **Daniel R. Bulloch, P.E.** – Licensed in Arizona (#29148), Idaho (#11666), Nevada (#11666), Utah (#276191), and Wyoming (#11170); Daniel has over 29 years of engineering and project management experience.
- **R. Heath Oveson, P.E.** – Licensed in Arizona (#42763); Heath has 10 years of design, engineering, and project management experience.
- **Nathan D Hall, P.E.** – Licensed in Nevada (#18919) and pending Utah; Nathan has 10 years experience in design and engineering.
- **Bradley N. Rhodes, P.L.S.** – Licensed in Arizona (#46916), Utah (#288645), and pending Nevada; Brad has over 29 years of land surveying experience.
- **Neil L. (Bud) Rhodes, P.L.S.** – Licensed in Arizona (#20374), Nevada (#8625), and Utah (#150792); Bud has over 44 years of land surveying experience.

**NOTABLE TEAM MEMBERS ALSO INCLUDE:**

- **Kirt Rosenberg**, Crew Chief – Kirt has over 17 years experience in land surveying, he has completed the Trimble Training Courses for GPS and is knowledgeable of and capable with a wide variety of survey equipment.
- **Kevin Hessey**, Survey Team
- **Mike Pierce**, Civil Design – Mike has over 6 years experience in civil design and is exceptional with AutoCad Land Development and Civil 3D software.
- **Joan Taylor**, Project Coordinator/Administrator – Joan has over 30 years experience in office management. Joan coordinates projects and submittals with municipalities and oversees accounts receivables, payables, and human resources.
- **Jessica Judd**, Administrative Assistant – Jessica types legal documents/letters to clients and/or documents that are to be recorded with the County Recorder, tracks employee time, drafts account reconciliation reports, answers phones, correlates with municipalities along with assisting Joan in all front-end responsibilities as needed.






IronRidge Civil Solutions Inc. maintains cutting edge CADD capabilities including Autodesk Civil 3D 2009 as well as high end image processing software including Autodesk Raster Design 2009 and Adobe Photoshop CS3 Extended. Our structural software includes Beamchek 2006 and Retainpro 4.0. We utilize Flowmaster by Haested Methods as well as EPA Net, Hec Ras and Hec 1 for water modeling. Our survey crews are equipped with both conventional and GPS equipment including Trimble 5800 and 4700 rovers, 5700 and 4000 bases, Topcon and Leica Total Stations and Leica, Zeiss and Sokkia Levels to handle any challenge. Our office team has a host of wide format printers, scanners and copiers. We maintain a full fleet to ensure our mobility.

**SEVERAL PROJECTS WE HAVE PROVIDED SERVICES FOR AS IRONRIDGE CIVIL SOLUTIONS AND/OR BULLOCH BROTHERS ENGINEERING INCLUDE:**

- **Ashdown Forest P.U.D.** – Consisting of over 250 units, Ashdown Forest PUD is the largest residential planned unit development to date in Cedar City. In addition to providing full design services, we performed the construction staking in coordination with the contractor, Phil Schmidt Construction. The approximate total build-out cost is estimated at over \$5,000,000.00 dollars.
- **Port 15 Utah** – With access to airport, interstate and railroad facilities, Port 15 Utah has been named the largest premier industrial park ‘this side of the Mississippi’. This project included a combination of extensive utility requirements, master-planned storm water system and extremely flat grades with a pressure sewer system and multiple phases with private and public roadways and railroad crossings.
- **Parowan Water Project 2002** – The City of Parowan was in serious need of new transmission lines, a new 1,000,000 gallon water storage tank (concrete), and some distribution system updates with a well. In addition to providing water system design and the structural design of the new tank, we provided construction staking for the project and right-of-way survey work.
- **Canyon Crossing** – With its ever-expanding student population, the South West Applied Technology Center in Cedar City found itself in need of new facilities. We worked as a member of the design-build team for this project to construct a new 21,000 square foot facility as well as additional commercial buildings for lease. This project required extensive retaining walls, on-site storm water detention and tilt-up concrete construction.

**OUR REFERENCES INCLUDE:**

- Cedar City Corporation – Kit Wareham, City Engineer #(435) 586-2963
  - Prime Global – Tom Pugh, Principal #(435) 865-0050
  - Town of New Harmony – Joel Webster #(435) 865-7522
  - Iron County, Utah – Stephen Platt, County Engineer #(435) 865-5370
  - Precision Pipeline Inc. – Dennis Floyd, Principal #(435) 586-4812
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# DANIEL R. BULLOCH, P.E.



Daniel has twenty-nine years of experience, is a member of the American Society of Civil Engineers and is an L.S.I.T., in the State of Utah.

## **EDUCATION**

UNIVERSITY OF ARIZONA – Tucson, AZ  
*Bachelor of Science – Civil Engineering – May 1990*

## **EXPERIENCE**

IRONRIDGE CIVIL SOLUTIONS – Cedar City, UT  
*Senior Professional Engineer – September 1, 2008 ~ Present*

- Reviews all Civil Engineering work for the IronRidge Office

BULLOCH BROTHERS ENGINEERING – Mesquite, NV  
*Vice President – August, 1995 ~ Present*

- Oversees the design and project administration of projects
- Completed many projects including several Roadway Re-Construction projects, including all surface and subsurface improvements (both design and construction management) for Cedar City Corporation, The City of Mesquite, Nevada, Parowan City, Utah, Alton, Utah, Kanab, Utah, and Big Water, Utah
- Overseen several private water system designs involving several million dollars of infrastructure expansions and improvements completed for the Virgin Valley Water District in Mesquite, Nevada
- Developed several drainage/flood studies, water systems, sanitary sewer and storm sewer designs, highway designs, and construction projects (commercial, industrial, and residential)
- Performed engineering reports, staking and calculating construction projects, property boundary stakeout, cross-sectioning, topographic work, and cost estimates

## **OTHER**

- Licensed Professional Engineer in the following states:
  - State of Utah, License Number 276191
  - State of Arizona, License Number 29148
  - State of Idaho, License Number 11666
  - State of Nevada, License Number 11736
  - State of Oregon, License Number 74815
  - State of Wyoming, License Number 11170

# R. HEATH OVESON, P.E.



Heath has approximately ten years experience.

## EDUCATION

COLLEGE OF EASTERN UTAH – Price, Utah  
*Associate of Science – 1996*

SOUTHERN UTAH UNIVERSITY – Cedar City, Utah  
*1-year certificate in Civil Design – 2000*  
*Associate of Applied Science – 2003*  
*Bachelor of Arts – CADD/CAM Engineering Technology – 2004*

NORWITCH UNIVERSITY  
*Master of Civil Engineering*

- Coursework Hours

## EXPERIENCE

IRONRIDGE CIVIL SOLUTIONS – Cedar City, UT  
*Principal– September 1, 2008 ~ Present*

- Currently serves as a Project Manager, Project Engineer and Inspector
- Represents clients in public meetings

BULLOCH BROTHERS ENGINEERING – Cedar City, UT  
*Professional Civil Engineer – Office Manager – February, 1999 ~ August 31, 2008*

- Performed as civil designer, CADD operator, inspector, and project manager
- Projects include 'Ashdown Forest P.U.D.' a master-planned community, 'Harmony Mountain Ranch' a private alpine development, 'Port 15 Utah' a large scale industrial master-planned development and performed on the design team for the 'Parowan Water Project 2002' for Parowan City, Utah, which consisted of major additions to the municipal water system.

## OTHER

- Licensed Professional Engineer, State of Arizona, License Number 42763

# **BRADLEY N. RHODES, P.L.S.**



**Brad has twenty-nine years experience.**

## **EXPERIENCE**

**IRONRIDGE CIVIL SOLUTIONS – Cedar City, UT**

*Principal*– September 1, 2008 ~ Present

- Currently serves as the Professional Land Surveyor
- Manages all survey work performed, the crew, and production
- Initiates many of the Bid Proposals

**BULLOCH BROTHERS ENGINEERING – Cedar City, UT**

*Professional Land Surveyor – Vice President* – August, 1995 ~ August 31, 2008

- Worked in all five of the Bulloch Brothers offices as needed
- Performed as the Survey Manager on the Federal Highway Project 'Hoover Dam Y Pass – Arizona Approach' and coordinated all slope staking and layout work using the Trimble 4700 GPS System, along with the layouts of one major and one minor bridge structure under Federal Guidelines
- Worked on a daily basis with client/municipality coordination and overseeing the crews

## **OTHER**

- Licensed Professional Surveyor in the following States:
  - State of Utah, License Number 288645
  - State of Arizona, License Number 46916
  - State of Nevada, License Pending

# NATHAN D HALL, P.E.



Nathan has ten years experience.

## **EDUCATION**

DIXIE COLLEGE – St. George, Utah  
*Civil Engineering* – 1995 – 1996

COMMUNITY COLLEGE OF SOUTHERN NEVADA – North Las Vegas, Nevada  
*Civil Engineering* – 1999 - 2001

UNIVERSITY OF NEVADA LAS VEGAS – Las Vegas, Nevada  
*Bachelor of Science – Civil Engineering* - 2006

## **EXPERIENCE**

IRONRIDGE CIVIL SOLUTIONS – Cedar City, UT  
*Project Engineer/Manager*– September 1, 2008 ~ Present

- Currently oversees the design and completion for our County projects, which includes 'Capo Di Monte, Phase 1 Subdivision' located on Cedar Mountain, an extremely rugged terrain area, 'Fawn's Future' a planned development with approximately 490± acres located west of Cedar City, and 'Crystal Aire Subdivision' located in Brian Head

BULLOCH BROTHERS ENGINEERING – Cedar City, UT  
*Professional Civil Engineer* – September, 2007 ~ August 31, 2008

- Worked daily on civil designing, construction plans, and zoning and planning maps for private sectors

WRIGHT ENGINEERS – Las Vegas, NV  
*Hydrologic/Hydraulic Manager* – January, 2007 ~ July, 2007

- Managed and reviewed drainage studies and water system analysis prepared by entry level engineers
- Worked daily with clients

VTN NEVADA – Las Vegas, NV  
*Designer/Hydrologist/E.I.T.* – November, 1998 ~ January, 2007

- Prepared technical and master drainage studies, water system analysis, and sewer analysis for residential and commercial developments
- Designed and drafted improvement plans for private developments

## **OTHER**

- Licensed Professional Engineer in the following states:
  - State of Nevada, License Number 18919
  - State of Utah, Expected September of 2009

# NEIL L. (BUD) RHODES, P.L.S.



Bud has 44 years experience.

## **EDUCATION**

SOUTHERN UTAH STATE COLLEGE – Cedar City, Utah  
*Associates Degree*

- Management Courses
- Civil Engineering Courses
- International Correspondence School

## **EXPERIENCE**

IRONRIDGE CIVIL SOLUTIONS – Cedar City, UT  
*Professional Land Surveyor – September 1, 2008 ~ Present*

- Conducts land surveys, water rights and surveys, and survey computations

BULLOCH BROTHERS ENGINEERING – Cedar City, UT  
*Professional Land Surveyor – 1995 ~ 2008*  
*Principal – 1972 ~ 1995*

- Conducted land surveys, including subdivision sections, water rights, ALTA surveys, city lot surveying triangulation, and computations
- Performed all functions of industrial park engineering
- Prepared applications for grants and federal and state funding, e.g., Economic Development Administration
- Designed city public works: sewer, water, streets, airports , and highways
- Developed plats and specifications
- Acquired right-of-way from federal government and other governmental agencies and private individuals
- Negotiated agreements with the Utah Department of Transportation and Union Pacific Railroad
- Managed construction engineering, e.g., installing and inspecting pipe line systems, condominiums, and commercial buildings

## **OTHER**

- Licensed Professional Surveyor in the following States:
  - State of Utah, License Number 4100 (P.L.S. #150792)
  - State of Arizona, License Number 20374
  - State of Nevada, License Number 8625

# KIRT ROSENBERG



Kirt has over seventeen years experience.

## **EXPERIENCE**

IRONRIDGE CIVIL SOLUTIONS – Cedar City, UT

*Chief of Parties* – September 1, 2008 ~ Present

- Manages all survey work performed, the crew, and production under the Licensed Surveyor

BULLOCH BROTHERS ENGINEERING – Cedar City, UT

*Chief of Parties* – August 31, 2008

- Performed as Chief of Parties over all survey crews
- Lined out crews and did the scheduling of field work
- Collects all Data Transfer information for all of the survey work done

## **OTHER**

- 5 day Trimble Training Course for GPS
- Receives annual education hours

# MIKE PIERCE



Mike has over six years experience.

## **EDUCATION**

SOUTHERN UTAH UNIVERSITY – Cedar City, Utah  
*Bachelor of Science* – May, 2006

- CAD/CAM Engineering Technology

## **EXPERIENCE**

IRONRIDGE CIVIL SOLUTIONS – Cedar City, UT  
*CAD Manager* – September 1, 2008 ~ Present

- Serves as the Senior Draftsman/CAD Manager
- Oversees that jobs are meeting deadlines
- Checks that all city/county standards are compliable with updated information

BULLOCH BROTHERS ENGINEERING – Cedar City, UT  
*CAD Manager* – 2002 ~ 2008

- Performed as the Senior Draftsman/CAD Manager
- Responsible for making sure that all drafting deadlines were being met
- Assigned drafters to projects as applicable
- Made sure all standards were compliable with updated information

## **OTHER**

- Civil 3-Design Fundamental Certificate

# JOAN TAYLOR



Joan has over thirty years experience.

## **EDUCATION**

SOUTHERN UTAH STATE COLLEGE – Cedar City, Utah

- 3 years of Business and English Literature

## **EXPERIENCE**

IRONRIDGE CIVIL SOLUTIONS – Cedar City, UT

*Office Manager* – September 1, 2008 ~ Present

- Administrative over-site, accounts receivables, collections, and accounts payables
- Chief responsibilities include handling all issues pertaining to personnel, front-end management, and customer service

BULLOCH BROTHERS ENGINEERING – Cedar City, UT

*Office Manager* – 2002 ~ 2008

- Administrative over-site and accounts receivables
- Performed as Operations Coordinator, chief responsibilities included project coordination between various towns, cities and county staff, clients and BBE Engineers and Surveyors to obtain land use approvals

QUESTAR GAS COMPANY – Cedar City, UT

*Engineer and Pre-Construction Department* – 1993 ~ 2002

- Responsibilities involved record keeping and mapping high-pressure and intermediate pressure natural gas lines in Southern Utah
- Interacted with UDOT, Wildlife Resources, BLM, and municipalities in order to obtain permits