

# KEVIN L. CAMPBELL, P.E.

**CURRENT POSITION:** Professional Engineer / Senior Design Engineer / Principal

**EDUCATION:** Utah State University, Bachelor of Science - Graduated in 1998

**LICENSE:** Professional Engineer Utah, 2001, # 343583-2202

## CERTIFICATES:

- University of Wisconsin-Madison Dept of Engineering - Using HEC-RAS to Compute Water Surface Profiles for Floodplains, Bridge and Culvert Hydraulics 2004
- University of Wisconsin Madison Dept of Engineering - Storm Sewer System Design 2004
- University of Wisconsin Madison Dept of Engineering - Storm Water Detention Basin Design - 2004
- Portland Cement Association - RCC Dams & Dam Rehabilitation - 1998
- ASI - RCC Dams Study - Design and Construction of Roller-Compacted Concrete Dams 2009
- Graduate from ACEC Leadership Training 2006

## PROFESSIONAL ORGANIZATIONS:

- ACEC of Utah local chapter
- ASCE local chapter
- AWWA - member of local education committee
- Rotary International
- Local Rotary Club Community Service Chair 2007-2010

## REFERENCES

Steve Thacker - Centerville City Manager	801.295.3477
Randy Randall - Centerville City Public Works Director	801.292.8232
Blaine Lutz - Centerville City Finance Director	801.295.3477
Kirk Schmalz - Davis County Public Works Director	801.444.2230
Robert Smith - Davis County Public Works Deputy Director	801.444.2230
Paul Ottoson - North Salt Lake City Engineer	801.963.1122
Rod Wood - North Salt Lake City Public Works Director	801.963.1122
Jake Ferguson - South Davis Water District Manager	801.295.4468
Brett Slater - UDOT	801.620.1600
Ben White - West Bountiful City Engineer	801.292.4486

## AREAS OF PRACTICE & EXPERTISE

Kevin joined ESI Engineering in 1994. He has over 18 years of experience in municipal and civil engineering and consulting. His areas of practice and expertise include:

- **Water Resources** - resource planning, source evaluation, demand and use studies, cost / benefit analyses
- **Hydraulic Analyses and design** - computer hydraulic modeling, pipe network hydraulics, open channel hydraulics, well production, well interference, groundwater hydraulics
- **Drinking and Irrigation Water** - wells, pump stations, storage reservoirs, transmission and distribution systems, source protection, water rights, irrigation canals
- **Storm Drainage and Flood Control** - debris dams, stream channel studies, flood plain delineation, flood plain management, storm drain and flood control systems, detention basins, culvert design, channel rehabilitation
- **Utility Design** - subsurface utility engineering, utility coordination and relocation
- **Roadway Design and Pavement Management** - street design, roadway widening design, transportation planning, street maintenance master planning, street condition assessments, value engineering, cost / benefit analyses
- **Intersection Design** - signalized intersection design
- **Community Planning** - urban street design, development plan review and fee reviews, CDBG projects
- **Park and Recreation** - park planning and design, trail planning and design
- **Construction Management and Engineering** - quality assurance and quality control, field inspection and engineering

## KEY PROJECTS

### Water Resources, Hydraulic Analyses, Drinking & Irrigation Water

- Culinary Water Master Plan Studies
- Culinary Waterline Replacement Projects
- 1 MG Culinary Water Storage Facility & Transmission Line at Parrish Lane
- Church Well and Pump Station
- Carrington Well and Pump Station
- Park Hills Booster Station and Transmission Line
- Well Head Source Protection Reports
- Legacy Parkway Pressurized Waterline Crossing at 1250 West





### **Storm Drainage & Flood Control**

- Barnard Creek Debris Basin
- Deuel Creek Debris Basin
- Parrish & Barnard Creek Overflow - 54" Dia. RCP Bore of UPRR & I-15
- FEMA Floodplain Elevation Certifications
- Hydraulic Studies, CLOMRs, LOMRs
- Culvert Rehabilitation
- Sedimentation Basins
- Deuel-Stone-Barton (DSB) Channel Reconstruction - 600 West to Legacy Parkway



### **Roadway Design & Intersection Design**

- Street Reconstruction, Overlay, and Maintenance Projects
- Safe Sidewalk Projects
- Traffic Signal and Intersection Improvement Projects
- Special Improvement Districts
- Concrete Street Design for Construction and Rehabilitation

### **Parks & Trails, Public Works Facilities**

- Parks, Pavilions and Sports Courts
- Public Works Facilities
- Trail Improvement Projects
- Freedom Hills Park - grading, drainage, erosion control, subsurface drainage features, parking lot, detention, pavilion
- Freedom Hills Park Trail
- Freedom Hill Park Memorial
- Smoot Park Tennis Courts - Post Tension Slabs



### **Community Planning & Improvement Projects**

- Cedar Springs Condos CDBG
- Pheasantbrook CDBG
- Cemetery North Plat
- Subdivision Plan Reviews & Field Reviews
- Revise and Update City Standards and Specifications