

SUBJECT: AUTHORIZATION TO EXECUTE CONSULTANT SERVICE AGREEMENTS
– SURVEYING SERVICES

SOURCE: Public Works Department - Engineering Division

HISTORY: Almost all capital improvement projects administered by the City of Porterville require construction surveying services. Over the past 10 plus years, staff has written language in the contract documents that require the contractor to hire a Civil Engineer or Land Surveyor for these services. The language used by staff is not uncommon and similar to what other Tulare County agencies place in their contract documents. Recently, a Tulare County agency was challenged on the legality of a contractor securing professional surveying services.

The State of California Board of Professional Engineer, Land Surveyors, and Geologists, the governing board tasked with ensuring compliance with the Business and Professional Code (B & P C), got involved with this challenge. B & P C §8726 and B & P C §8729 provides definitions for services rendered by a land surveyor. The board ruling states that the hiring of professional services by a contractor is not in compliance with the stated B & P C.

Furthermore, the hiring of a land surveyor by a contractor bidding a public works project circumvents Government Code, §4526, commonly known and referred to as California's "Little Brooks Act." This "Act" requires all professional services contracted by a state or local agency to be based on competency and qualification standards. The City's past specification writings do not ensure that the approved contractor or the City is selecting a professional land surveyor in accordance with these standards.

COMMENT: In order to comply with California's "Little Brooks Act," staff contacted the local civil engineering firms and requested resumes of the individual(s) involved in land surveying within their firm and a fee schedule for these services. The local firms have the requisite experience and staff to accommodate the needs of the City of Porterville. Resumes and fee schedules are attached for Council's reference. The most applicable portion of the fee schedules are summarized below:

DIR Appropriated/Funded

CM

Item No. 3

<u>Local Firm</u>	<u>Fee Schedule Amount</u>	
James Winton & Associates	Land Surveyor:	\$100/hr.
	2-Man Survey Crew:	\$260/hr.
Roberts Engineering	Land Surveyor:	\$180/hr.
	2-Man Survey Crew:	\$260/hr.
Dee Jaspar & Associates	Land Surveyor:	\$130/hr.
	2-Man Survey Crew:	\$230/hr.
Four Creeks	Land Surveyor:	\$115/hr.
	2-Man Survey Crew:	\$225/hr.

Staff is seeking authorization to enter into Service Agreements with each firm for surveying services on a rotational basis. Staff will seek surveying services from the firms in the order listed above. If a financial agreement can be negotiated based on project specifics and the firm has the capacity to meet the project schedule, the project will be awarded to that firm.

Consequently, if the firm and staff are unable to reach an agreement for the surveying services and/or the project schedule, the City will seek services from the next firm in line. In the case where a firm is passed by, the next project will be presented to that firm in hope of agreeing upon a fee and schedule. This selection process will continue for each project with the goal of equally distributing the surveying services to each firm as needed by the City.

On occasion, staff may also seek the services of these firms to perform topographical surveys which are necessary for nearly all capital improvement projects. There may also be times when the firm is needed for other services, such as, but not limited to, boundary surveys, re-establishment of destroyed monuments, updating the City's horizontal and vertical datum, etc. The goal is to obtain any and all necessary surveying services so as to expedite capital improvement projects and maintenance of survey records published by the Engineering and Building Division of the Public Works Department.

RECOMMENDATION: That the City Council:

1. Authorize the Mayor to execute the Consultant Service Agreements with each firm at the presented fee schedules;
2. Authorize progress payments up to 100% of the agreed upon fee amounts; and

3. Authorize a 10% contingency to cover unforeseen costs.

ATTACHMENT: Firms' Resumes and Fee Schedules

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JAMES WINTON & ASSOCIATES
CIVIL ENGINEERING • PLANNING • LAND SURVEYING

150 West Morton Ave.
Porterville, CA 93257

(559) 781-2700
Fax (559) 781-2689

September 17, 2014

Mike Reed
City Engineer
City of Porterville
291 North Main Street
Porterville, CA 93257

RECEIVED

17 *JS*
SEP 16 2014

**City of Porterville
Public Works Dept.**


Dear Mike,

As requested, enclosed are copies of our current fee schedule including the per diem rates for the survey crew, a brief firm description and resume's for myself and the surveyors.

We appreciate the opportunity of being considered for on-call surveying services.

Should you have any questions or require additional detail related to the enclosures, please let me know.

Very Truly Yours,


James S. Winton
Civil Engineer

JSW/bg
Encls.

James Winton & Associates
 Civil Engineering, Planning & Land Surveying
 150 W. Morton Ave.
 Porterville, Ca 93257
 (559) 781-2700

FEE SCHEDULE

Effective February 1, 2014

The basis of per diem charges for engineering and planning services shall be as follows:

Civil Engineer -	Court Appearance, Preparation & Expert Testimony	\$ 200.00/hr.
Civil Engineer -	Principal in Consultation & Public Agency Appearance	\$ 155.00/hr.
Civil Engineer -	Staff Supervision, Research, Layout & Design, Report Writing & Conference Time	\$125.00/hr.
Associates Engineer/- Senior Planner	Staff Supervision, Research, Layout & Design, Report Writing & Conference Time	\$105.00/hr.
Licensed Surveyor/- Assistant Engineer	Research, Layout & Design, Report Writing & Conference Time	\$ 100.00/hr.
CAD Designer		\$ 85.00/hr.
Drafter		\$ 70.00/hr.
Survey Technician.....		\$ 60.00/hr.
Stenographer		\$ 50.00/hr.
Receptionist/Clerk-Typist		\$ 45.00/hr.
Survey Crew:		
3 man crew		\$ 210.00/hr.
2 man crew		\$ 160.00/hr.
Prevailing Wage: Tulare County - based upon current published rates		
1 man crew		\$ 190.00/hr.
2 man crew		\$ 260.00/hr.
3 man crew		\$ 330.00/hr.

In addition to the above per diem rates, materials, supplies, laboratory tests and other incidental expenses will be charged at cost plus 10% and mileage will be at a rate of \$0.60 per mile.

JAMES S. WINTON

Civil Engineer

Experience

James Winton began his engineering career with CalTrans working both part-time and full-time while attending college. Upon graduation in 1965, he accepted a position with a private engineering consulting firm with offices in Tulare and Porterville. During this engagement Mr. Winton was in charge of the Porterville office in a supervisory capacity of all land development, surveying and infrastructure projects.

In 1990 Mr. Winton formed his own firm, James Winton & Associates, a civil engineering, land surveying and planning firm in Porterville, California. Since its formation the firm has been involved in the planning, engineering and surveying for various government, institutional and private clients.

The majority of Mr. Winton's experience has been in the area of land development and public works. His assignments have included numerous subdivision projects in southeastern Tulare County, including foothill developments. In addition to providing all types of surveying services for public and private clients including surveying for aerial mapping control and cross sections for more than 25 miles of roads for Tulare County Resource Management Agency the firm has been employed on an annual contract basis since 1990 with the City of Porterville for numerous topography surveys, boundary surveys, design and preparation of construction plans, and construction staking. Mr. Winton has been the contract City Engineer for the City of Lindsay since 1990. His duties include, review and comments on entitlement applications, plans and specifications for City Capital Improvement projects.

Education

Bachelor of Science, Civil Engineering - California State University Fresno

Registration

California Civil Engineer (No. 16094)

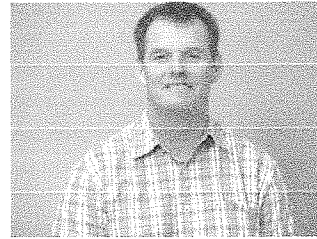
Professional Affiliations

American Council of Engineering Companies
Home Builders Association of Tulare and Kings Counties

Public Service

Past Board Member, Springville Unified School District
Past President, Sequoia Chapter Consulting Engineers and Land Surveyors of California
Past President, Springville Community TV
Member, Technical Review Committee, Home Builders Association of Tulare & Kings County
Secretary, Springville Sierra Sunrise Rotary

Dave R. Duffin



Education 1982, Westmont College, Santa Barbara, CA: B.A., Economics

Experience Dave began his employment with Lane Engineers in 1990 as part of our survey crew. Dave has worked in positions within the civil and surveying departments ranging from Rodman/Chainman to an Instrument Operator to Survey Crew Chief. While in the office he works as both an engineering technician and draftsman.

During his nineteen years of service, Dave developed an extensive background in plan preparation using the latest computer technology. He participates in continuing education programs utilizing the latest software advances to help ensure we are developing the most efficient and precise measurement and data collection equipment available.

Dave works on every aspect of a project from field data collection, to importation into AutoCAD programs, design development, to municipality submittals and plan check process and final construction documents.

A list of his project types include: residential and commercial subdivisions, topographic and boundary surveys, record of survey, parcel maps, lot line adjustments, grading and drainage plans, ALTA survey, road and street design and construction staking.

MANUEL H. GARCIA
612 Village Green Street
Porterville, CA 93257

Manuel began his employment with James Winton and Associates in 2003 as a member of the survey crew. Manuel has worked in various capacities on the survey crew including Rodman/Chainman, Instrument Man and has worked solo in monument location, topographic information verification and street monument placement.

From 1987 to 2003, Manuel was a surveyor for Paloverde Irrigation District. He filled the position of Rodman, Instrument Man and ground water measurement technician.

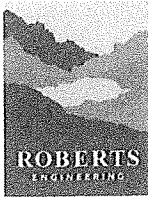
A list of his project type/experience include Boundary Surveys, Topographic Surveys, Construction Staking, Monitoring Well Surveys and Ground Water Measurement.

JAMES WINTON & ASSOCIATES

The firm of James Winton & Associates has been practicing Civil Engineering in the Porterville area since 1990. The firm's primary focus is civil engineering with an emphasis on land surveying, public works and land development.

James Winton & Associates staff includes a registered civil engineer, civil engineering assistants, and drafters. The firm's primary area of service is Porterville and Southeastern Tulare County.

In addition to many subdivision projects including initial planning, design, improvement plans, boundary and construction surveys, the firm also provides topography, boundary and construction surveying services to private clients and government agencies including the City of Porterville, County of Tulare, City of Lindsay, Tule River Indian Tribe and local school districts.



P.O. Box 908, Porterville, CA 93258
559-784-6326 - Phone 559-784-6339 - Fax
www.robertsengineering.com

FEE SCHEDULE
Effective 2014

Rates below are per hour unless otherwise notes

COURT APPEARANCE, PREPARATION AND EXPERT TESTIMONY:

Registered Engineer	
Principal Engineer	\$ 350
Non-Principal Engineer	\$ 300

CONSULTATION & PUBLIC AGENCY APPEARANCE:

Registered Engineer	
Principal Engineer	\$ 200
Non-Principal Engineer	\$ 150

STAFF SUPERVISION, RESEARCH, LAYOUT & DESIGN,
REPORT WRITING & CONFERENCE TIME

Principal Registered Engineer	\$ 175
Non-Principal Registered Engineer	\$ 140
Engineering Assistant	\$ 115
Senior Planner	\$ 115

SUPPORT SERVICES:

Administrative Assistant	\$ 110
Surveying	
Licensed Surveyor	\$ 140
Survey Party Chief	\$ 110
3-Person Crew	\$ 210
2-Person Crew	\$ 175
Surveying – Prevailing Wage	
Licensed Surveyor	\$ 180
Survey Party Chief	\$ 140
3-Person Crew	\$ 320
2-Person Crew	\$ 260
Construction Inspection	
Resident Registered Engineer	\$ 140
Inspector	\$ 115
Senior CAD Designer	\$ 115
Junior CAD Designer	\$ 80
Drafting Technician	\$ 70
Stenographer	\$ 70
Receptionist/Clerk Typist/Data Entry	\$ 60

In addition to the above per diem rates, materials, supplies, laboratory tests and other incidental expenses will be charged at our cost plus 15%, and mileage will be at a rate of \$ 0.60 per mile.

Experience of Assigned Personnel

CHARLES W. (BILL) ROBERTS

Principal Civil Engineer

Experience:

Mr. Roberts has more than 55 years experience designing Civil Engineering projects such as streets, drainage and water systems. He has more than 55 years of experience in various aspects of land surveying and construction surveying.

Parking Lot Design

- Smiths Enterprises northwest parking lot adjacent to Transit Center
- Longs Drug Store downtown facility
- City of Porterville southwest corner of Second Street and Garden Street
- City of Porterville Hockett and Oak facility
- Cross Roads Shopping Center (OfficeMax and Retail Stores) original layout
- Bank of the Sierra - West Olive Branch, Three Rivers Branch, Hanford Branch
- El Nuevo Restaurant, Prospect Street
- City of Porterville Well No. 26
- City of Porterville Well No. 27
- Bus Facilities - Porterville Unified School District
- Parking Areas "A", "B", "C", and "D", Tulare County Hospital

Street Design, Including Sewer, Water and Storm Drainage

- Henderson/Westwood Reconstruction Project, Porterville, CA
- Indiana Street Construction Project, Porterville, CA
- Prospect Street Reconstruction Project, Porterville, CA
- Tract Nos. 678 and 781, Chelsea Glen, Phase 1, 2, and 3, Porterville, CA
- Tule River Economic Development Corporation, Airport Industrial Park, Porterville, CA
- Numerous subdivisions in the San Joaquin Valley area

Surveying Projects:

- More than 50 subdivisions in California Counties.
- More than 100 Record of Surveys in California Counties.
- More than 100 Construction Surveys in California Counties.

CHARLES W. (BILL) ROBERTS

Principal Civil Engineer

Education:

Four and one-half years of engineering related college training including two years at Porterville College, summer school at the University of California Berkeley and two and one-half years at Fresno State College.

Professional Registrations:

California Registered Civil Engineer, 1965, RCE 15287
Arizona Registered Civil Engineer, 1996, RCE 30689

Affiliations:

National Society of Professional Engineers
National Society of Professional Surveyors, Inc.
American Congress on Surveying and Mapping
International Conference of Building Officials (ICBO)

DONNA SHAMLEY,
Senior Planner/administrative Assistant

Mrs. Shamley has been with Roberts Engineering since October, 1970 working in the capacity of Administrative Assistant and Senior Planner. She assists the Civil Engineers in the preparation of the technical specifications, project coordination, supervision, survey data research, and survey crew scheduling. As a Senior Planner, she works with the City, County, and State agencies involved in land development. Mrs. Shamley has been actively involved in the public works projects since beginning her employment with the firm. She is familiar with the rules and regulations of projects funded by USDA Rural Utilities Services, Economic Development Agency (EDA), and State Water Resources Control Board, Small Community Grant Program. She is familiar with the preparation and approval of payment requests, change orders, and record keeping meeting the requirements of various funding agencies. Mrs. Shamley works with the clients and the governmental agencies to assure that the project meets the critical design requirements.

SUB-CONSULTANT

R. L. Schafer and Associates - Surveying/Topographic Services

Consultant will use the surveying crew of R. L. Schafer and Associates as a sub-consultant. Sub-Consultant has been a full service civil engineering firm in the Porterville area since the mid 1960's. The survey crew party chief, Albert Velasco, has been with the firm for approximately 50 years.

Consultant has utilized the experience of sub-consultants personnel for approximately 16 years. With the surveying experience of the Consultant and sub-consultant, there is more than 100 years of combined experience.

ALBERT D. VELASCO,
Survey Party Chief

Experience:

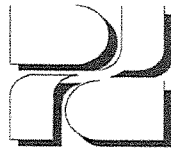
Mr. Velasco has approximately 59 years of experience in the performance of boundary surveys, topographic surveys, location of property lines for boundary disputes and building purposes, A.L.T.A. surveys, elevation certificates, control and construction staking. He is proficient in traditional survey methods and the use of electronic data collection, downloading and raw data conversion to line work suitable for transfer to electronic documents. Mr. Velasco is party chief for R. L. Schafer & Associates and has held that position for approximately 50 years. Prior to his employment with Schafer & Associates, Mr. Velasco was party chief for the City of Tulare for 9 years

Subconsultant's Experience with Consultant

Topographic survey for Castle Rock Vineyards cold storage expansion, Richgrove, CA
Topographic survey for Ranch Victoria subdivision, Morton Avenue
Topographic survey for Cottage Estates, Westfield Avenue
Topographic survey for Tule River Economic Development Corporation,
Porterville Municipal Airport
Topographic surveys for approximately 30 parcel maps in the unincorporated
areas of Tulare County (2004 to present)
As-Built elevations for Mill Creek Parkway Apartment Complex, Visalia, CA

DEE JASPAR & ASSOCIATES, INC.
Consulting Civil Engineers

2730 Unicorn Road, Building A
BAKERSFIELD, CA 93308
(661)393-4796
FAX (661)393-4799



15 West Putnam, 2nd Floor West
PORTERVILLE, CA 93257
(559)791-9286
FAX (559)783-9275

Rate Schedule

Effective January 1, 2014

Engineering

Principal Engineer	\$ 180.00 Per Hour
Expert Witness Work – Principal Engineer	\$ 260.00 Per Hour
Senior Engineer I	\$ 140.00 Per Hour
Senior Engineer II	\$ 125.00 Per Hour
Staff Engineer I	\$ 110.00 Per Hour
Staff Engineer II	\$ 100.00 Per Hour
Design CADD Operator	\$ 90.00 Per Hour
CADD Operator	\$ 65.00 Per Hour

Surveying

Private Works	
Surveyor	\$ 110.00 Per Hour
2 Man Survey Crew	\$ 165.00 Per Hour
3 Man Survey Crew	\$ 200.00 Per Hour
Public Works	
Surveyor	\$ 130.00 Per Hour
2 Man Survey Crew	\$ 230.00 Per Hour
3 Man Survey Crew	\$ 300.00 Per Hour

Construction Inspection

Construction Inspector B Private Works	\$ 110.00 Per Hour
Construction Inspector B Public Works	\$ 140.00 Per Hour

Project Planning

Project Planner	\$ 110.00 Per Hour
Assistant Project Planner	\$ 75.00 Per Hour

Clerical

Executive Assistant I	\$ 70.00 Per Hour
Executive Assistant II	\$ 65.00 Per Hour

Additional Fees

Mileage	\$.55 Per Mile
Black & White Copies	\$.08 Per Copy
Color Copies	\$.15 Per Copy
Plotter Prints	\$ 3.50 Per Print
Materials	Cost + 10%
Fees/Permits	Cost + 10%
Subsistence	Cost + 10%
GPS (Global Positioning System, Surveying Equipment)	\$ 200.00 Per Day
GPS (Global Positioning System, Surveying Equipment)	\$ 100.00 Per ½ Day

- Overtime is paid at time and a half
- Mileage and subsistence will not exceed the County Rates and will not be marked up

Firm Bio

EXPERIENCE

Dee Jaspar & Associates, Inc., founded in 1980 and established as a California corporation in 1982, is a professional civil engineering corporation. For more than thirty years, civil engineers at Dee Jaspar & Associates have specialized in land surveying, engineering design, and construction administration for both public and private civil projects. Dee Jaspar & Associates, Inc. has offices in Bakersfield and Porterville, CA.

Dee Jaspar & Associates, Inc. currently employs ten (10) full-time staff members in its Bakersfield and Porterville offices; (4 Professional Engineers, 2 Staff Engineers (E.I.T.), 2 Surveyors, 2 Clerical) and 3 part-time inspectors on an as needed basis.

Project Design

- Project Design
- Project Management
- Construction Administration
- Construction Inspection
- Budget / Job Costing
- Estimating
- Scheduling

Civil Design

- Pipeline and Open Channel Design
- Pumping Plant Design
- Right Of Way Surveys
- Topographic and Alignment Surveys
- Agricultural Water Supply and Distribution Systems
- Groundwater Recharge Facilities
- Municipal / Industrial Water Supply
- Water Storage Reservoirs
- Feasibility Studies
- Drainage Studies and Drainage System Design
- Flood Studies and Flood Control Systems
- Agricultural Drainage Water Re-Use and Disposal Projects
- Permit Acquisitions

Land Development

- Improvement Plans
- Boundary Surveys
- ALTA Surveys
- Construction Surveys
- Grading Plans
- Topographic Surveys

Municipal / Industrial Water Supply

- Distribution System Design and Analysis
- Pumping Plant Design
- Water Treatment Pilot Studies
- Water Treatment System Design
- Water Well Pilot Studies
- Well Design Construction and Monitoring
- Steel Water Storage Reservoir Design and Construction Monitoring
- Rate Structure Studies and Design
- Plan Checking Service

Agricultural Water Systems

- Open Channel Analysis and Design
- Closed Conduit Analysis and Design
- Pumping Plant Design
- Pipeline Alignment Surveys
- Earthen Water Storage Reservoirs
- Flood Control Facility Analysis and Design
- Open Channel Improvement Projects
 - Channel Prism Modification
 - Channel Lining and Liner Extensions
- Right-Of-Way Determination and Descriptions
- Ground Water Recharge

Dee Jaspar, P.E.

Principal-In-Charge

EDUCATION:

BS in Engineering,
University of California,
Davis, California 1970

REGISTRATION:

CA RCE 23042

MEMBERSHIPS:

ASCE Life Member

Qualifications Summary

Dee Jaspar is the president of the corporation. He is a registered civil engineer and agricultural engineer in the State of California. He is also a registered professional engineer in the State of Oregon. He graduated from the University of California at Davis in 1970 with a Bachelor of Science Degree in Engineering.

Mr. Jaspar has been involved in civil engineering projects for the past forty years.

REPRESENTATIVE EXPERIENCE

- 1979 to present - Dee Jaspar & Associates, Inc., Civil Engineers, Bakersfield, California

Mr. Jaspar performs design of water storage tanks, canals, pipelines, and pumping plants. He is consultant to municipal and agricultural water purveyors in the Kern County, California area. He performs water system flow analyses, treatment system design, design of pumping plants, water storage reservoirs, pipelines, and wells. Additionally, he performs feasibility studies, rate design, and other engineering services. He has experience in the application of well-head treatment processes, including the application of ozone treatment.

Mr. Jaspar has experience in the design and operation of agricultural water delivery systems. He has provided engineering services for agricultural clients with evaporation ponds, including ground water pollution studies and operational and abandonment plans. He has performed pumping energy use studies including time-of-use rate comparisons. He has designed small earthen dams for irrigation purposes.

Mr. Jaspar has experience in the design and construction of commercial and industrial structures, crane buildings, and foundations for structures. He performs land surveying, construction staking, and mapping. He has experience dealing with land use planning, zoning issues, preparation of site plans, grading plans, and hydrology related to land development.

Mr. Jaspar has performed property line surveys, ALTA surveys, topographic and construction surveys. He has qualified as an expert witness in litigation involving cadastral surveys.

Mr. Jaspar has performed forensic engineering, expert witness, and court testimony for clients dealing with pipeline failures and land surveying.

- 1973 - 1979 - Wheeler Ridge-Maricopa Water Storage District, Bakersfield, California

Staff Engineer 1973 to 1976, Assistant Manager 1977 to 1979.

As Staff Engineer, Mr. Jaspar directed the District's Engineering Department performing studies and designs for this large agricultural water district located south of Bakersfield, California. He designed and analyzed pipelines, pumping systems and District maintenance facilities and buildings. He conducted studies and wrote reports on the District's ground water supplies, perched ground water conditions, pumping energy use, cathodic protection systems, crop production, and helped prepare the annual report of

District operations. Mr. Jaspar dealt with water users, District's staff, and consultants.

As Assistant Manager, Mr. Jaspar supervised the District's department heads (Engineering, Operations and Maintenance, and Controller), and dealt with the Board of Directors and other County and State agencies. In this position he assumed greater responsibilities for the District's day to day operation. Additionally, he co-authored a nationally-published technical paper on control of transient pressures in closed conduit systems. This was published by the American Society of Civil Engineers in 1978. In 1978, as chairman of a statewide technical advisory committee to a California Energy Commission study on pumping energy use in California agriculture, he made recommendations to the Commission related to the application of time-of-use rate structures for agricultural pumping.

- 1971 - 1973 - James C. Hanson, Consulting Civil Engineer, Sacramento, California

Mr. Jaspar performed hydrology and feasibility studies, design, and construction of water projects in North California. He performed site investigation, design, and construction control for various small dams, pipelines, canals, and pumping stations. He conducted topographic surveys, reservoir operation studies, and prepared and filed water rights applications. Additionally, he performed design of water system-related structures such as small bridges, reinforcement systems for existing dams, and other miscellaneous structures.

- 1970 - 1971 - Washington State Highway Department, Ellensburg, Washington

Mr. Jaspar performed construction layout and quality control testing for an interstate highway project in Central Washington. Additionally, he was crew chief of a survey crew for layout of a large bridge structure.

- 1969 - Guy F. Atkinson Company, New Don Pedro Dam Project, La Grange, California

-

As a student summer employee, Mr. Jaspar was employed to perform quality control work at a concrete batch plant, checked surveying notes and calculations, and calculated concrete quantities.

- 1966 - 1968 - U.S. Forest Service, Stanislaus National Forest, Sonora, California

As a student summer employee, Mr. Jaspar was employed first as an instrument man, then as a survey party chief performing preliminary alignment work and construction staking of U.S. Forest Service timber sales roads and related facilities.

John Mixon

Surveyor

EDUCATION:

Bakersfield College
1952-53

REGISTRATION:**MEMBERSHIPS:****Qualifications Summary**

Mr. Mixon attended Bakersfield College in 1952-53 with an engineering emphasis and has over fifty years of experience in engineering, surveying, and land use issues, having served with the Kern County Land Company and its successor, Tenneco West, for 22 years. Mr. Mixon spent seven years with the engineering department of the Kern County Land Company, and fifteen years in a managerial capacity as Manager of Land Assets with Tenneco, Inc., providing land development supervision and management of an 80,000 acre agricultural leasing program together with the property tax department. He served on the Board of Directors for the Wheeler Ridge-Maricopa Water Storage District and the Kern Delta Water District and also on the Williamson Committee that formulated the California Land Conservation Act of 1965. Mr. Mixon was self-employed for four years involved in agricultural land development and surveying.

Mr. Mixon has been with Dee Jaspar & Associates, Inc. since 1981 and performs land surveys, construction surveying, ALTA surveys, lot line adjustments, parcel map preparation, tract map and improvement plan preparation, drainage and grading plan preparation, easements, legal descriptions, and other land use issues. He works with City and County staff respecting projects this firm designs.

REPRESENTATIVE EXPERIENCE

- 1981 to present - Dee Jaspar & Associates, Inc., Civil Engineers, Bakersfield, California

Mr. Mixon performs property line surveys for land purchases, property disputes, farming operations, and other land use issues.

Mr. Mixon performs topographic surveys for engineering design projects including utility locating, rights-of-way, sidewalks, flow lines, section lines, edges of pavement, power lines, dirt roads, changes in topography, etc.

Mr. Mixon performs ALTA surveys for clients such as Farmland Management. He prepares lot line adjustments, parcel maps, tract maps, improvement plans, and grading plans.

Mr. Mixon performs construction staking for all projects including road projects, grading projects, pipeline improvement projects, water supply projects, etc.

Ryan Nunneley

Surveyor

EDUCATION:

Azusa Pacific
B.S. in Biochemistry

REGISTRATION:

L.S.I.T.

MEMBERSHIPS:**Qualifications Summary**

Mr. Nunneley graduated from Azusa Pacific University in 2000 with a Bachelor of Science Degree in Biochemistry. He has worked with Dee Jaspar & Associates, Inc. for approximately eight years as a CADD Operator, serving on a 2 man survey crew, and performing general survey duties.

Mr. Nunneley obtained his Land Surveyor-In-Training certificate and is pursuing his California Land Surveyor registration. He has worked under the guidance of Dee Jaspar and John Mixon for the previous eight years in obtaining his survey work experience.

REPRESENTATIVE EXPERIENCE

- 2006 to present - Dee Jaspar & Associates, Inc., Civil Engineers, Bakersfield, California

Mr. Nunneley has field surveying experience with:

- Level and Rod
- Transit
- Total Station GPT-7002L
- GPS Epoch 35 Spectra Precision

Mr. Nunneley performs preliminary surveys, land surveys, ALTA surveys, topographic surveys, control surveys, and construction surveys. He is involved in the preparation of lot line adjustments, parcel maps, tract maps, improvement plans, grading plans, and drainage plans. He is proficient in AutoCad drafting and mapping.

September 10, 2014



City of Porterville
291 North Main Street
Porterville, CA 93257

Attn: Michael Reed

Re: City of Porterville – Survey Construction Staking Services

Dear Mr. Reed:

We at 4Creeks, Inc. appreciate the opportunity to provide ongoing surveying and construction staking services to the City of Porterville. We have enclosed a copy of our current fee schedule and the resumes of staff from our surveying department at 4Creeks, Inc. We are excited to continue to work with the City of Porterville.

We have significant experience in providing surveying and construction staking services under the direction of Randy Wasnick, a Professional Land Surveyor. In addition, Project Management support is provided by David De Groot, a licensed engineer. Justin Asleson is our chief of parties with over 10 years of experience, and assists in the daily operations of the field crews. 4Creeks, Inc. also employs additional staff which assist with any office or field work, necessary for providing the needed surveying services.

We are confident in our team, our experience, our ability, and understand the urgency to complete important City staking projects in a timely manner to help maintain project schedules. We look forward to working with you and the City of Porterville on future projects.

Please let us know of any additional information you might need to complete this agreement.

Sincerely,

A handwritten signature in black ink, appearing to be 'R. Wasnick', written over a horizontal line.

Randy Wasnick, PLS
President, 4Creeks, Inc.

Cc: David De Groot, RCE – 4Creeks, Inc.

Encl: 4Creeks, Inc Fee Schedule
Randy Wasnick Resume
Justin Asleson Resume
David De Groot Resume

4 Creeks, Inc.
Fee Schedule – Professional

Effective August 1, 2014

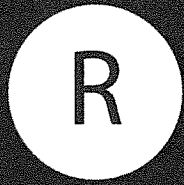
Fees are based on the median hourly pay rate for employees in each classification, plus indirect costs, overhead, and profit. Fee schedules for the various billing categories are:

Classification	Charges per Hour
Engineering Services	
Engineer II	\$115
Land Surveying	
Land Surveyor I	\$105
Land Surveyor II	\$115
1-Man Survey Crew	\$75
2-Man Survey Crew	\$140
1-Man Survey Crew – Construction Staking	\$85
2-Man Survey Crew – Construction Staking	\$150
Classification (Prevailing Wage)	
1-Man Survey Crew- Tulare County	\$125
2-Man Survey Crew- Tulare County	\$225
1-Man Survey Crew- Tulare County (Construction Staking)	\$135
2-Man Survey Crew- Tulare County (Construction Staking)	\$240
Support Staff	
Project Technician I	\$50
Project Technician II	\$60
Project Technician III	\$70
Project Technician IV	\$80
Project Technician V	\$90

Direct Charges

At cost plus fifteen percent (15%):

- *Transportation and per-diem expenses (auto mileage @ current IRS rate, off-road charges \$50.00/day)*
- *Printing and reproduction: \$0.02 per b/w copy, \$0.10 per color copy, \$0.75 per sq. ft. large printing*
- *Equipment rentals, subcontractors, laboratory analyses*



Randy Wasnick, PLS

President | Land Surveyor

Employment History

- 10/08 - Present ● 4Creeks, Inc. - Visalia, CA
Survey Party Chief
- 7/05 - 5/08 ● Quad Knopf, Inc. - Visalia, CA
Land Surveyor/Department Manager
- 7/05 - 5/08 ● Caltrans - Fresno, CA
Summer Internship

Recent Experience

Project Surveyor

Plan Checking – Dinuba, CA
Project Surveyor

Assists city engineer by: reviewing and evaluating maps for completeness and technical accuracy; aiding local cities, ensuring compliance with state regulations; and reviewing local city ordinances.

Construction Surveyor

VWR Distribution Center– Visalia/Goshen, CA
Construction Surveyor (Construction Staking)

Mr. Wasnick was responsible for the Lot Line Adjustment, ALTA survey, Record of Survey, and construction staking for construction of a new 500,000 sf. Distribution center in Goshen, Ca. The Lot Line Adjustment and ALTA survey were performed in order to facilitate the purchase of the project site. The staking performed during construction included building, curb and gutter, utilities, and general grading. As the construction surveyor Mr. Wasnick, worked with the general contractor/construction manager in various aspects of the construction stages for the project.

Construction Surveyor

Farmersville Unified School District Modernization Projects– Farmersville, CA
Construction Surveyor

Mr. Wasnick was responsible for the construction staking for various modernization projects on school campuses. His services included staking for new classroom wings, dirt pad certifications, utility line modifications, and parking lot modifications. As the construction surveyor Mr. Wasnick, worked with the general contractor/construction manager in various aspects of the construction stages for the project.

Registrations & Certifications

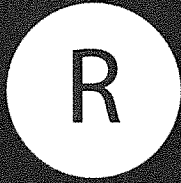
Licensed Land Survey California - No. 8163

Information

Name Randy Wasnick
 Education BS - Geomatic Engineering
 California State University, Fresno
 Work 15 Years Experience
 Phone +1 (559) 802-3052
 Email randyw@4-creeks.com

Areas of Expertise

- Public Works Projects
- Boundary Surveys
- Topographic Surveys
- Subdivision Mapping
- Parcel Maps
- Lot Line Adjustments
- Records of Survey
- ALTA Surveys
- Entitlements
- Parcel and Subdivision Map Checking



Randy Wasnick, PLS President | Land Surveyor

Recent Experience

Project
Surveyor

City of Dinuba Street Resurfacing and Pavement Overlay Projects– Dinuba, CA

Project Surveyor

Mr. Wasnick was responsible for the topographic field survey and construction staking for the project. The purpose of the project was to perform a total reconstruction as well as pavement overlays for various streets throughout the City. The staking involved the cooperation with contractors as well as assisting in modifying design features to match into existing conditions. CMAQ funds were used in this project so prevailing wages and certified payroll record keeping were utilized.

Project
Surveyor

Dinuba Lanes Lot Line Adjustment– Dinuba, CA

Project Surveyor

Mr. Wasnick was responsible for the preparation of a Lot Line Adjustment, conveying property from the City of Dinuba Redevelopment Agency to an adjacent property owner. The project included a topographic survey, legal descriptions, and site exhibit.

Project
Surveyor

Modoc Ditch Quit Claim Legals – Visalia, CA

Project Surveyor

The project required map exhibits and legal descriptions in order to allow for the quit claim of property previously owned by Modoc Ditch Company. The project was to assist a new road project connecting Ferguson Avenue in North Visalia.

Project
Surveyor

Creekside Park Project– Visalia, CA

Project Surveyor

Mr. Wasnick was responsible for the field data collection and preparation of a topographic survey and Record of Survey for a future park project. The proposed park project included the modification of a storm water basin into a new city park, and lift station into Packwood Creek.

Project
Surveyor

City of Dinuba WWRF Survey– Dinuba, CA

Project Surveyor

Mr. Wasnick was responsible for the field survey and preparation of a Record of Survey on the city's wastewater reclamation facility. The purpose of the survey was to assist in the preparation of a power purchase agreement and lease area for a solar array facility located on the site.

Project
Surveyor

Morton Avenue CMAQ Improvements-Porterville, CA

Project Surveyor

Mr. Wasnick was responsible for the topographic field survey and boundary layout for the project. The purpose of the project was to various curb and gutter as well as ADA ramp improvements along Morton Avenue.

Project
Surveyor

City of Dinuba Hayes Avenue Reconstruction– Dinuba, CA

Project Surveyor

Mr. Wasnick was responsible for the topographic field survey and construction staking for the project. The purpose of the project was to perform a total reconstruction of an existing street, which was having issues with drainage and lacking adequate curb and gutter. The staking involved the cooperation with multiple contractors as well, as assisting in modifying design features to match into existing conditions.

Project
Surveyor

Ponderosa Water System-Ponderosa, CA

Project Surveyor

Mr. Wasnick was responsible for the topographic field survey and boundary layout for the project. The purpose of the project was to design a new water system for the community of Ponderosa, as well as the construction of a new water tank. Mr. Wasnick was also responsible to verifying property boundaries, rights of way, existing easements, as well as preparing easements as necessary for the planning of the project.

Field Crew
Member

Highway 198 – Visalia, CA

Field Crew Member - Caltrans

Assisted Survey Party Chief and other field crew staff in topographic surveying and construction staking tasks associated to the layout and construction of on/off ramps, travel ways, R/W fencing, detour routes, and other tasks associated to the construction of the project corridor.



Justin Asleson

Survey Party Chief

Employment History

- 10/08 - Present
●
4Creeks, Inc. - Visalia, CA
Survey Party Chief
- 7/05 - 5/08
●
Quad Knopf, Inc. - Visalia, CA
Field Surveyor

Information

Name	Justin Asleson
Education	Shasta College, 1996-1998
Work	9 Years Experience
Phone	+1 (559) 802-3052
Email	justina@4-creeks.com

Recent Experience

Survey Party Chief

United States Cold Storage, Expansion II & III – Fresno, CA
Survey Party Chief

Mr. Asleson performed the field survey/ construction staking services for the 2nd expansion of the cold storage complex including a new office, freezer building, and parking lot.

Survey Party Chief

California State University of Bakersfield, Baseball Complex Access Road – Bakersfield, CA
Survey Party Chief

Mr. Asleson performed the field survey/ construction staking services for the new access road, from the existing baseball complex to Roadrunner Drive, across the existing parking lot. The project included various ADA, parking lot/landscape medians, and curbs and gutter improvements.

Project Surveyor

College of the Sequoias Tulare Center for Agriculture and Technology– Tulare, CA
Project Surveyor

Mr. Asleson performed the field survey/ construction staking services for the Center of Agriculture and Technology phase of the new college campus. This phases of construction included 3 classroom wings, a maintenance shop, retention basin, campus improvements, and a parking lot.

Survey Party Chief

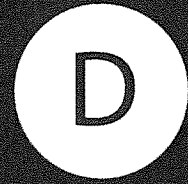
Sundale Vineyards Office and Parking Lot Expansion-Tulare, Ca
Survey Party Chief

Mr. Asleson performed the field survey/ construction staking services for the office expansion of the cold storage complex including a new office, drainage bio swale area, and parking lot.

Survey Party Chief

Dreyer’s Haagen-Dazs Office and Parking Lot Expansion, Tulare, Ca
Survey Party Chief

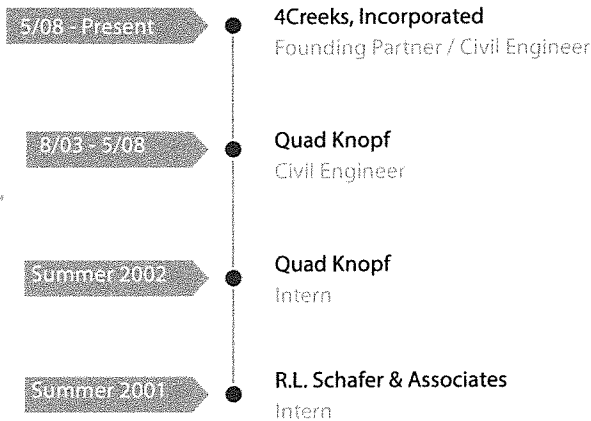
Mr. Asleson performed the field survey/ construction staking services for the office and employee wellness area expansion including a new office, wellness facility, and parking lot.



David De Groot, PE Vice President, Civil Engineer



Employment History



Registrations & Certifications

Professional Engineer CA - No. 70992
 USDA Technical Service Provider Level 2

Information

Name David De Groot, PE
 Education -B.S. Engineering
Calvin College, Grand Rapids, MI
 Work 11 Years Experience
 Phone +1 (559) 802-3052
 Email davidd@4-creeks.com

Recent Experience

Project Engineer

Morton Avenue CMAQ Project – City of Porterville
Project Engineer/ Project Manager
 Mr. De Groot was the project engineer and project manager for the Morton Ave. CMAQ project in the City of Porterville. The project included the survey and design of approximate 1.75 miles of street improvements including curb and gutter, sidewalk, and handicap accessibility ramps along the existing road of Morton Avenue. Mr. De Groot prepared construction improvement drawings and project specifications for the City to use for bidding and construction.

Project Engineer

Sewer Annexation Project, Tract 457 and 456A – City of Porterville
Project Engineer/ Project Manager
 Mr. De Groot was the project engineer and project manager for the sewer annexation project for Tract 457 and 456a within the City of Porterville. The project included the survey of the existing neighborhood and the design of a new sewer system within the existing neighborhood to replace septic systems. Mr. De Groot prepared construction improvement drawings and project specifications for the City to use for bidding and construction.

Areas of Expertise

- Environmental Reporting and Compliance
- Dairy Design
- Floodplain Analysis
- Irrigation Pipeline and Open Channel Design
- Subdivision Design
- Municipal Engineering
- Storm Drainage Systems
- Sanitary Sewer Systems
- Lift Stations & Pump Design
- Land use Planning
- Commercial Site Design