



**Duane K. Miller Civil Engineer, Inc.**

## **Statement of Qualifications**

# COMPANY OVERVIEW

## BACKGROUND

Duane K. Miller Civil Engineer, Inc. has been providing quality engineering, surveying and land use planning services throughout California for over 30 years. We have established an outstanding reputation in both the public and private sector for sound engineering design and judgment, and fair but firm representation of our client's needs and desires.

We understand that the goal of every client is to move through the often-frustrating maze of development standards and environmental regulations as quickly as possible. Our staff and associates know that your primary goal is the successful completion of each project on time and within budget. Our policy is to help you stay productive and profitable while meeting all the required standards.

Our cumulative expertise with the latest technology and regulations, combined with a long association with local firms and agencies, allows us to move projects forward in an efficient, cost effective manner. We provide support at every step of the permitting process. Our staff can personally oversee the submittal of each project, work through the review and comment process and represent the project owner at all meetings and public hearings. Our professionalism and proven ability to work productively with both owner and agency is key in maximizing our client's investment in every project.

## MISSION

Our goal is to help our clients develop build, and maintain quality projects.

## VALUES

We are a local firm committed to the long-term prosperity of our community and continued success of our clients. We take personal pride in every project and look forward to many more years as a well-respected Northern California provider of quality consulting services.

## PROFESSIONAL SERVICES

Feasibility Studies  
Initial planning and conceptual design  
Tentative Maps  
Government entitlements  
Construction drawings  
Final Maps  
Utility and regulatory permitting  
Surveying:  
*Boundary Surveys*  
*Topographic Surveys*  
*Construction Staking*  
*As-Built Surveys*  
*Tree Surveys*  
*ALTA Surveys*  
*Wetland Location Surveys*

Hydrologic and Hydraulic Studies  
Drainage Studies  
Roadway/Highway Improvement Plans  
Record Drawings  
Preliminary Construction Costs  
Final Engineering Design Plans and Specifications  
Coordination of outside consultants  
(geotechnical, biological, traffic, etc.)

## LAND SURVEYING

Our field surveying crew is equipped with a Topcon total station and data collector. This allows for efficient transfer of information between the field and office, which increases both the speed and accuracy of the fieldwork. We also utilize a Trimble model 4800 GPS.

Our staff is familiar with the specifications for surveying as published by the American Congress of Surveying and Mapping, the Subdivision Map Act and the Land Surveyors Act. Our surveyors are thoroughly experienced in surveying and mapping for the design of pipelines, boundary and topographic surveys, aerial ground controls, and construction staking. All senior members of our engineering team are up to date with the latest field techniques that ensure clear communication between those collecting the data at the worksite and the draftsmen who prepare the final plans.

## LAND DEVELOPMENT

We specialize in all aspects of land development, including:

- Small-parcel land divisions
- Large, multiple phase residential subdivisions.
- Commercial and industrial projects.

Our firm specializes in providing all necessary Civil Engineering, Land Planning and Land Surveying services to take a project from a concept to a 'ready-to-build' state.

## LAND USE PLANNING

Duane K. Miller Civil Engineer, Inc., in association with The Land Designers, Inc., provides Land Use and Environmental consulting. These expanded services include:

- Determination of land use consistency (i.e.: General Plan and Zoning)
- Initial Studies for CEQA and NEPA compliance
- Erosion Control Plans and Storm Water Pollution Prevention Plans (SWPPP)
- Spill Prevention Control and Countermeasure Plans (SPCCP).

We have worked together for over 20 years assisting clients in obtaining and protecting entitlements and permits with all Governmental Agencies. In addition, this team is one of the leaders in the State in the field of mine design and permitting for construction aggregates. Together we have dealt with issues at every level from conception to reclamation at over 50 mines in California. Our expertise with the Surface Mining and Reclamation Act (SMARA) allows us to offer our clients a full range of reporting and compliance services to keep their operations active and profitable.

## PROJECTS

The following is a partial list of projects this firm has provided Civil Engineering, Land Planning and Land Surveying services for our clients. The service also included the Conceptual design, Environmental review to insure compliance with the California Environmental Quality Act (CEQA) Preliminary Grading, Drainage Plans, Site Utility Plans, Flood Plan Analysis, General Plan and Zoning consistencies.

Projects once submitted to the local Government Agency responsible for reviewing and approving the project application, which provides the client with the entitlements to construct the project, this firm represents the client at all meetings both at the staff level and at public hearings until the desired entitlement is granted.

## RESIDENTIAL SUBDIVISIONS

*The following is a partial list of the residential subdivision projects:*

### **Silver Creek**

216-lot residential subdivision  
*Redding, Ca*

### **Mary Lake Unit 13**

110-lot residential subdivision  
*Redding, Ca*

### **Crown Estates**

140-lot residential subdivision  
*Redding, Ca*

### **Pleasant Hills**

173-lot residential subdivision  
*Anderson, Ca*

### **Windsor Estates**

270-lot residential subdivision  
*City of Shasta Lake, Ca*

### **Fleur du Lac**

42-lot residential subdivision  
*Redding, Ca*

### **China Grove**

46-lot residential subdivision  
*County of Shasta, Ca*

### **Winchester Manor**

60-lot residential subdivision  
*Cottonwood, Ca*

### **Springhill**

19-lot residential subdivision  
*Cottonwood, Ca*

### **Indian Springs**

44-lot residential subdivision  
*County of Shasta, Ca*

### **Tilton Mine**

19-lot residential subdivision  
*County of Shasta, Ca*

### **Lancer Hills Unit 4**

20-lot multi-family subdivision  
*Redding, Ca*

## COMMERCIAL AND INDUSTRIAL SUBDIVISIONS

*Some of our more recent commercial and industrial subdivisions include:*

### **Prestige Way**

19-lot industrial subdivision  
*Redding, Ca*

### **South Redding Industrial Park**

14-lot industrial subdivision  
*Redding, Ca*

### **Camus Bay**

14-lot commercial subdivision  
*Redding, Ca*

### **East Street Industrial Park**

12-lot industrial subdivision  
*Redding, Ca*

### **Hirsch Court**

9-lot industrial subdivision  
*Redding, Ca*

### **Catholic Health Care West**

St. Elizabeth Community Hospital –  
Surgery Addition and Emergency Entrance  
*Red Bluff, Ca*

### **Industrial Way**

11-lot industrial subdivision  
*Redding, Ca*

## COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL SITE DEVELOPMENT

*The following are single lot site development plan projects:*

### **Redding Rancheria**

4-acre site development for a  
40,000 sq. ft. medical facility.  
*Redding, Ca*

### **Wood's Cabinet Company**

2-acre site development for a  
20,000 sq. ft. cabinet shop.  
*Anderson, Ca*

### **Churn Creek Professional Offices**

6-acre site development for six  
(6) 3,000 sq. ft. professional offices.  
*Redding, Ca*

### **Ventura Street Professional Offices**

2-acre site development for three  
(3) 3,000 sq. ft. professional offices.  
*Anderson, Ca*

### **Redding Kenworth**

14-acre site development for the new  
location of Redding Kenworth.  
*Anderson, Ca*

### **Geary Pacific Supply**

10-acre site development for three  
(3) 6,000 sq. ft. industrial supply company.  
*County of Shasta, Ca*

### **Auto Mall Drive Car Center**

16-acre site development including a  
20,000 sq. ft. RV sales and repair facility  
for Dan Gamel RV Center.  
*Anderson, Ca*

### **The Knot**

6-acre site development for six (6) 3,000 sq.  
ft. professional offices.  
*Redding, Ca*

## STORAGE FACILITIES

*The following is a list of some of our more recent storage facility projects:*

### **Eastside Self Storage**

92,000 sq. ft. 554 unit storage complex  
*Redding, Ca*

### **8100 Airport Road Overall Site Development Plan**

112,000 sq. ft. 705 unit storage complex and 121,500 sq. ft. 196 unit RV storage  
*Redding, Ca*

### **Dry Creek Storage**

64,200 sq. ft. 348 unit storage complex  
*Bella Vista, Ca*

### **Hill Street Mini Storage**

45,000 sq. ft. 173 unit storage complex  
*Anderson, Ca*

### **Redding Boat, RV and Mega Storage**

46,000 sq. ft. 80 unit storage complex  
*Redding, Ca*

## AGGREGATE MINES

*Some of the aggregate mines that this firm along with the Land Designers have designed, permitted and continue to monitor on behalf of the client include:*

### **Thomes Creek Rock**

*Corning, Ca (In-Stream)*

- A) Doyle Ranch
- B) Shamba
- C) Fishman
- D) Wolf Ranch

### **Hat Creek Construction**

*Burney, Ca (Hard Rock)*

- A) Highway 89 Quarry
- B) 'D' Quarry

### **J.F. Shea**

*Redding, Ca (Alluvial and Hard Rock)*

- A) Aggregate Products
- B) Smith Road
- C) Fawndale Rock and Asphalt
- D) Anderson-Cottonwood Concrete
- E) Siskiyou Asphalt

### **Crystal Creek Aggregates**

*Redding, Ca (Hard Rock)*

### **Westside Aggregates**

*Redding, Ca (Hard Rock)*

### **West Valley Sand and Gravel**

*Cottonwood, Ca (In-Stream)*

### **Madera Quarries**

*Madera County, Ca (Hard Rock)*

### **Le Grand Asphalt**

*Madera County, Ca (Hard Rock)*

### **Deer Creek**

*Tulare County, Ca (Hard Rock)*

### **Eagle Peak Rock and Paving**

*Alturas, Ca (Hard Rock)*

## **PUBLIC WORKS**

*Some of our Public Works projects include:*

### **Shasta District Fairgrounds**

Rehabilitation of the district's racetrack, pit area, northerly parking facility, Fairgrounds Drive and Lassen Way abandonment, Improvement Plans, specifications, hydrology and cost estimate.

### **Rosamond Sanitary Sewer Assessment District**

Improvement plans, specifications, assessment diagram and cost estimate.

### **State Highway 41 and Madera County Road 209 Intersection Improvement Plans**

Caltrans multiple lane encroachment permit including Improvement Plans and specifications.

### **Western Shasta Resource Conservation District**

Tentative Map and Site Plan for new headquarters.

### **Cottonwood Super Block**

Conceptual planning for the potential development of the residential and commercial area between Main Street and Locust Road north of Fourth Street and south of Trefoil Lane.

### **Cottonwood Creek Wetland Mitigation Bank**

Conceptual Plan for proposed freshwater wetland mitigation ponds, including irrigation system.

## **LAND SURVEYING**

*Listed below are some of examples of projects that involved land surveying only:*

### **Blue Jay Lane Right-of-Way**

Field and Topographical Survey to establish right-of-way.

### **A.C.I.D. Canal Location**

Field Survey to establish canal right-of-way location between Rhonda Road and Gas Point Road.

### **Schoefer Ranch**

Record of Survey and corner monumentation.

### **Shasta Mosquito and Vector Control District**

Prepare legal description and exhibit for the district boundaries.

### **Westlake Subdivision**

52-lot residential subdivision including the future alignment and extension of Shasta View Drive.

### **Stillwater Plains Mitigation Bank**

Boundary survey and wetlands location approximately 800 acres.

### **Flying RR Ranch**

Record of Survey and property corner monumentation; approximately 1920 acres.

## **APPENDIX**

### ***Key Personnel of Duane K. Miller Civil Engineer, Inc.***

#### **Duane K. Miller, RCE 29490**

Mr. Miller received his Bachelor of Science in Civil Engineering from Chico State University. He is a licensed Civil Engineer in the State of California, and has been in private practice since 1982. Mr. Miller has over 30 years of experience in civil engineering, land surveying and land planning. He has successfully managed both private and public infrastructure projects, including residential, commercial and industrial subdivisions.

#### **Jonathan Brinn, PLS 8028**

Mr. Brinn received an Associate of Applied Science in Survey Technology from the State University of New York at Alfred. He is the Senior Civil Designer for Duane K. Miller Civil Engineer, Inc. He is a licensed Land Surveyor in the State of California and Colorado and is an active member of the California Land Surveyors Association. Mr. Brinn has over 30 years of experience of land surveying and civil design.

#### **John James, Project Coordinator**

Mr. James has a Bachelor of Science in Urban and Regional Planning. His 28 years working for the City of Redding consisted of 11 years in Land Development Engineering, 9 years as an Operations Engineer and 8 years as Water Superintendent. Mr. James' background is a valuable asset to the company in all phases of the preparation of Improvement Plans, specifications, cost estimates and inspection.

### ***Key Personnel of The Land Designers, Inc.***

#### **Keith Hamblin, CPESC 912**

Mr. Hamblin has over 33 year of experience in both the public and private sectors of land use planning. Mr. Hamblin has knowledge in a wide range of planning activities including project permitting, project design, site monitoring, and CEQA compliance. He is a Certified Professional in Erosion and Sediment Control. Mr. Hamblin has a Bachelors of Arts from Sonoma State University in Urban Studies and two years of Graduate Study in Landscape Architecture at the University of California Berkeley.

#### **Travis Deem, CPESC 3948**

Mr. Deem received his Bachelor of Science from Humboldt State University in Natural Resource Planning. He has over nine years experience in planning and environmental compliance. Mr. Deem's past experience includes being a biologist for the California Department of Fish and Game and a geotechnical aide of a private firm. Mr. Deem was an estimator/project manager for a private firm whose primary client was Caltrans, and he was an environmental compliance office for a mining and construction company in Redding. He has worked on various CEQA issues including environment form preparation, project compliance/monitoring, specific studies, and EIRs.

## REFERENCES

### **Frank Coughlin**

Coughlin Development Corporation  
530-222-8102  
*2123 O'Shea Way,  
Redding, Ca 96002*

### **Pat Minturn**

Shasta County Dept. of Public Works  
530-225-5661  
*1855 Placer Street,  
Redding, Ca 96001*

### **Mike Davis**

MD Imaging  
530-243-1297  
*2020 Court Street,  
Redding, Ca 96002*

### **Sunny Tong**

Westlake Development Partners  
650-579-1010  
*520 South El Camino Real, 9<sup>th</sup> Floor  
San Mateo, Ca 94402*

### **Perry Thompson**

Hat Creek Construction  
530-335-5501  
*24339 Highway 89 North  
Burney, Ca 96013*

### **Jerry Comingdeer**

Crystal Creek Aggregate  
530-244-7263  
*10936 Iron Mountain Road  
Redding, Ca 96001-9642*

### **Glenn Hawes**

Stillwater Plains Mitigation Bank  
530-365-4233  
*21923 Dersch Road  
Anderson, Ca 96007*

### **Leonard Bandell**

Jaxon Enterprises  
530-241-2112  
*1643 Tahoe Court,  
Redding, Ca 96003*