

HERMAN NURCANYAN

RESUME

EDUCATION

Bachelor of Science/Civil Engineering 1976
California State University - Fresno

REGISTRATION

Registered Civil Engineer in California

EMPLOYMENT HISTORY

1983-PRESENT	Project Engineer	Paller-Roberts Engrg Culver City CA
1981-1983	Project Engineer	Gruen Associates Los Angeles CA
1976-1981	Engineer & Surveyor	Blair Church Flynn Clovis CA

EXPERIENCE SUMMARY

Mr Nurcanyan has over 25 years of professional civil engineering experience in all aspects of the engineering profession. His technical ability is strong in all areas. He also has the ability to apply this technical knowledge to solve problems in a practical manner. He is familiar with and uses computers and CADD extensively to aid in the designs required to complete the assigned project.

Duties include the preparation of designs and plans for all aspects of various commercial and municipal projects. A sampling of some commercial projects include Main Place Phases I and 2 Santa Ana CA, North County Fair Escondido CA, East Hills Center Bakersfield CA, and Victor Valley Town Center Victorville CA. University Place in Charlotte NC, Park Meadows in Denver CO, and Santa Rosa Marketplace in Santa Rosa CA.

Municipal projects include approximately 3.5 miles of new streets and utilities to serve a commercial and residential portion of the City of Rancho Cucamonga CA. Street widening and improvements along numerous streets in Century City required for high-rise office tower in L.A. CA. Street widening improvements and new freeway on-and-off ramps in Bakersfield CA and street widening and improvements in El Cajon CA.

CIVIL ENGINEERING ♦ CONSTRUCTION MANAGEMENT ♦ BUILDING SAFETY COMPLIANCE

Statement of Qualifications

for As-Needed Professional Engineering,
Construction Management and
Staff Augmentation Services

Prepared for: City of Culver City



**BUREAU
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For the benefit of business and people

November 17 2005

Mr Mate Gaspar PE
Project Manager
CITY OF CULVER CITY
Engineering Division 2nd Floor
9770 Culver Boulevard
Culver City CA 90248



Subject Statement of Qualifications for As Needed Professional Engineering Construction Management and Staff Augmentation Services

Dear Mr Gaspar

*Bureau Veritas/Berryman & Henigar*s (hereafter known as *Berryman & Henigar*) professional services have included assisting public agencies with As Needed design and construction projects As a multi disciplined consulting firm we are able to focus on providing staff for short and long-term assignments in the field and at municipal offices for all types of projects We establish a single point of contact to streamline project management efforts and accountability consistently meet applicable public agency standards and quickly mobilize qualified staff and necessary equipment for immediate assignments Our assignments have included engineering design and construction management and inspection for street rehabilitation and new roadways sewer and storm drains various drainage and flood control studies and traffic control and site engineering We offer the following benefits

- ✓ **Responsiveness** by assigning quality engineers construction managers and inspectors and maintaining adequate staffing levels in a timely manner
- ✓ **Quality** by utilizing a proven project management approach to provide the right team or person the right equipment in the right place at the right time Our licensed professionals possess the skills and training to hit the ground running to deliver timely and accurate services
- ✓ **Flexibility** by assigning cross trained personnel to perform various roles on different types of assignments
- ✓ **Seamless interface** with the City by assigning engineers and field personnel who have supported agencies for as needed requirements by serving as an extension agency staff

Berryman & Henigar staff offers specifically relevant experience to meet your FY 2005 07 project needs *Berryman & Henigar* has supported over 25 As needed services contracts most recently providing on call engineering services for seven contracts including **Construction Management and Inspection Staff Augmentation Services** for the City of Fontana and **Civil Engineering Services** for the City of Laguna Hills

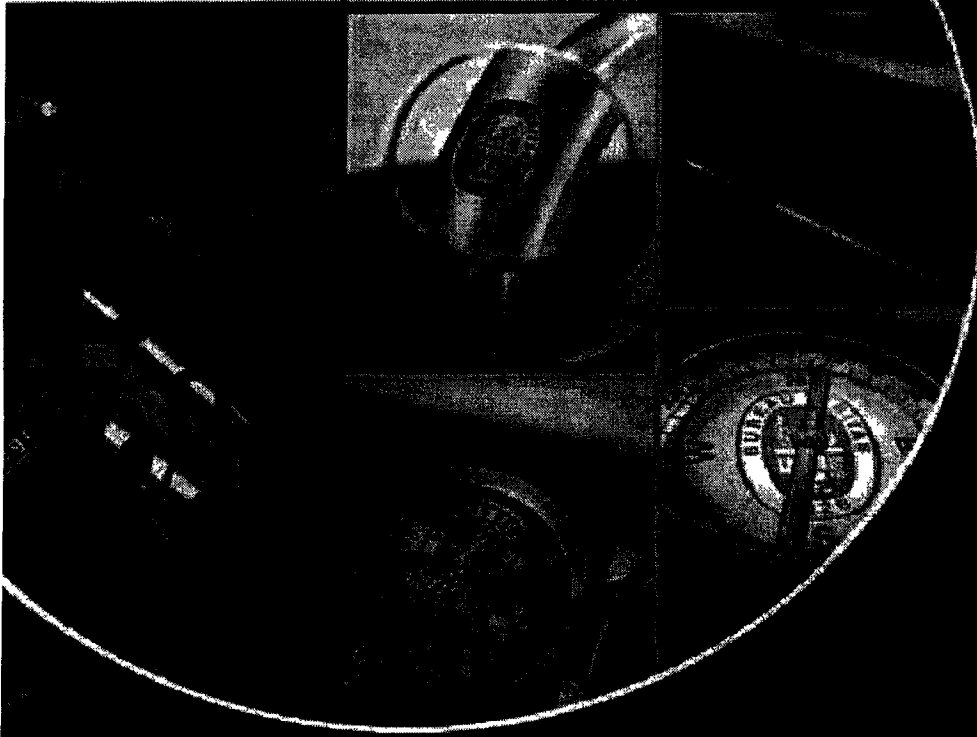
We look forward to discussing upcoming projects with Culver City If you have any questions regarding this SOQ please do not hesitate to call me at 714 568 7300

Berryman & Henigar


Tim D Zmura PE
Principal in Charge



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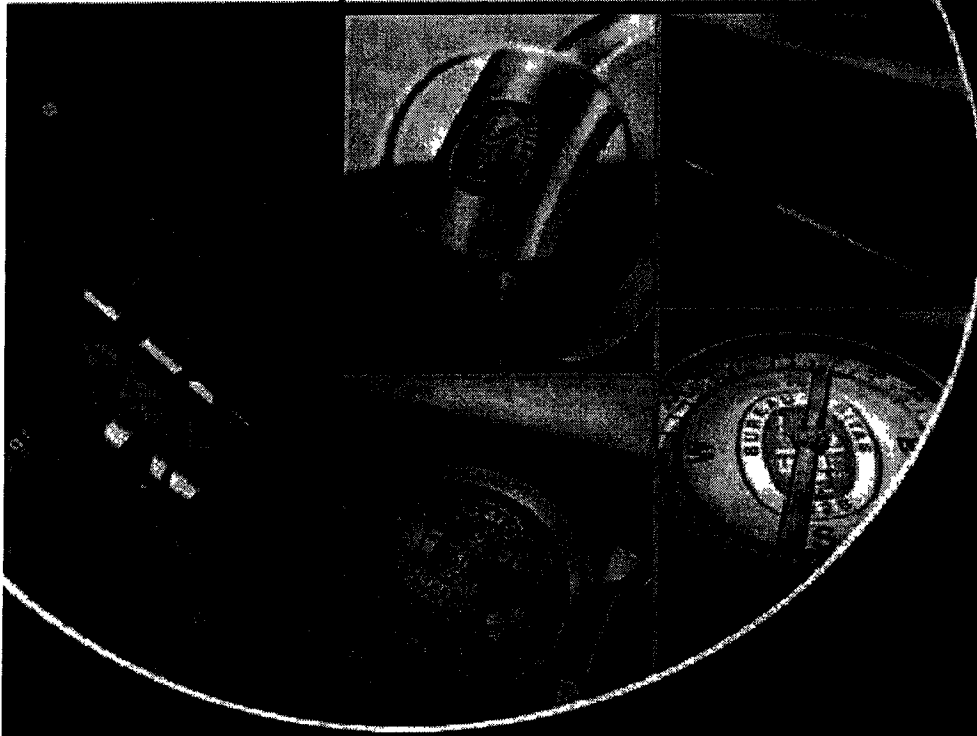
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Firm Overview

*City of City of Culver City
Statement of Qualifications*



Firm Overview

Berryman & Henigar a subsidiary of Bureau Veritas a worldwide organization providing a variety of services For the Benefit of Business and People supports public agencies through municipal management consulting civil water/wastewater engineering planning public finance building safety asset management and program and construction management For 30 years we have served more than 400 public agencies 80 percent of which are repeat clients We are committed to providing our clients with personalized services and as a result of this commitment the firm has grown to a staff of more than 350 professionals and *ENR* ranks Bureau Veritas 41 of the top 250 engineering companies in the nation which is impressive since our workload exclusively consists of public agency consultation

Bureau Veritas is a service company specializing in quality health safety and environment management with a network that covers 140 countries 600 offices and laboratories and 18 000 employees Founded in Antwerp Belgium in 1828 the company offers an extensive range of technical services and solutions in the fields of certification conformity assessment consulting and training It is recognized and accredited by the world's largest national and international organizations

Bureau Veritas/*Berryman & Henigar's* value added services yield innovative yet practical solutions that promote cost-effective and timely project delivery while protecting and enhancing the value of your assets and investments We understand the funding constraints and requirements placed on each city through local state and federal funded programs as well as other discretionary funding agencies We work as an extension of municipal staff because for many cities we are their staff and thus we are confronted with many of the same design budget and schedule challenges that face our client cities Our strength lies in the fact that due to our municipal focus we have an intimate understanding of the scope of services required for the projects we plan design and manage for cities and countries

Firm Services

Our firm provides a wide variety of services, which include

- ♦ *Asset Management*
- ♦ *Building Safety*
- ♦ *Civil Engineering*
- ♦ *Community Planning*
- ♦ *Construction Management*
- ♦ *GASB 34 Compliance*
- ♦ *GIS*
- ♦ *Marine Engineering*
- ♦ *Municipal Management Consulting*
- ♦ *Civil Plan Review*
- ♦ *Program Management*
- ♦ *Public Finance*
- ♦ *Stormwater Management*
- ♦ *Survey & Mapping*
- ♦ *Transportation Engineering*
- ♦ *Water/Wastewater Engineering*



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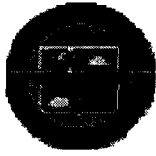
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Relevant Project Experience

*City of Culver City
Statement of Qualifications*





Culver CITY

Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Ocean Avenue Rehabilitation

Construction Management and Inspection

City of Torrance

3031 Torrance Boulevard
Torrance CA 90503

Berryman & Henigar provided full time construction management and inspection for the \$1.6 million rehabilitation of asphalt street, sidewalk, and landscape along more than one mile of Ocean Avenue from 242nd Street to Lomita Boulevard. The project included complete removal of existing pavement and sidewalk, excavation of unsuitable soils, installation of aggregate base and asphalt pavement. The project also incorporated the replacement of existing driveways for residential and business access.



During the design process, our staff performed constructability and peer reviews of the contract documents, helping mitigate costs and time overruns to the project.

- ✓ ***Identified elevation discrepancies, inappropriate landscape and irrigation materials, grade discrepancies, striping, and traffic control issues, saving the City \$30,000 to \$40,000.***

We attended public meetings with the City Staff and provided technical support in answering questions related to the work and traffic control. We helped alleviate public concerns over traffic concerns and inconvenience during construction.

- ✓ ***Relationships developed with the residents and business owners helped us manage the public's expectations during construction and resulted in reduced complaints to the City.***

We managed the submittal, RFI, payment application process, change order process, and presided over the weekly construction coordination meetings. Several unforeseen conditions were encountered during the course of construction. Very unsuitable soils were encountered, resulting in the need to employ geotextile fabric for soil stabilization.

- ✓ ***By having solutions developed and approved in advance, we were able to save 7 working days and expensive disruption to the project. We were able to save \$8,000 to \$10,000 in non-productive costs through advance planning.***

Because of our continuous presence on site and our close relationship with City staff, we were able to develop successful solutions and mitigate extra costs and time to the project. We were able to work with other City staff, including the water department, to solve water line leaks, to limit utility downtime to the public.

- ✓ ***We developed a relationship with the City Water Department for the ability to contact them on a moment's notice, diagnose and solve problems. Water mains and valves were located in advance to streamline excavation and identify leaks.***



Berryman & Henigar



Culver CITY

Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Los Angeles County Courthouse

Construction Management and Inspection

County of Los Angeles

Architectural Engineering Services
900 South Fremont Avenue 8th Floor
Alhambra CA 91803

Los Angeles County began construction on a new 382 000 square foot \$113 million facility in Lancaster which will be the furthestmost legal outpost in the county. This structure consists of four stories above grade one level below grade a 3 story glass atrium entry with a concrete panel and glass exterior over braced steel frame. The site of this structure is on 17.1 acres at the corner of Avenue M and 4th Street West with parking for 1 105 vehicles including 35 secure spaces below grade. High desert appropriate landscaping will complete the facility.



This structure will house the Superior Court Sheriff's Department Probation Department District Attorney's Office the Public Defender's Office and the Alternate Public Defender's Office. There are eleven elevators 21 Courtrooms (15 now and 6 future) 33 Judges chambers with secure access to all courts and chambers and secure parking below grade. There are monitoring stations for both the Fire Department and Sheriff's cooling towers ejector pumps for sewage Jockey pumps for the Fire Department Sally Port for prisoners a large granite main lobby. The entire facility contains security cameras and monitor room. The opening of this facility is tentatively planned for September 2003.

Berryman & Henigar provided a dedicated staff of four full time project and ICBO combination Building Inspectors who worked side by side with the Los Angeles County staff to provide expert monitoring for both contract and code compliance.

The County is so **satisfied with our services and staff** that they have recently assigned our staff to provide inspection services for the Los Angeles County Sheriffs Station and the USC Medical Center.



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Culver CITY

Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Extension of Public Works Construction Staff

Construction Inspection

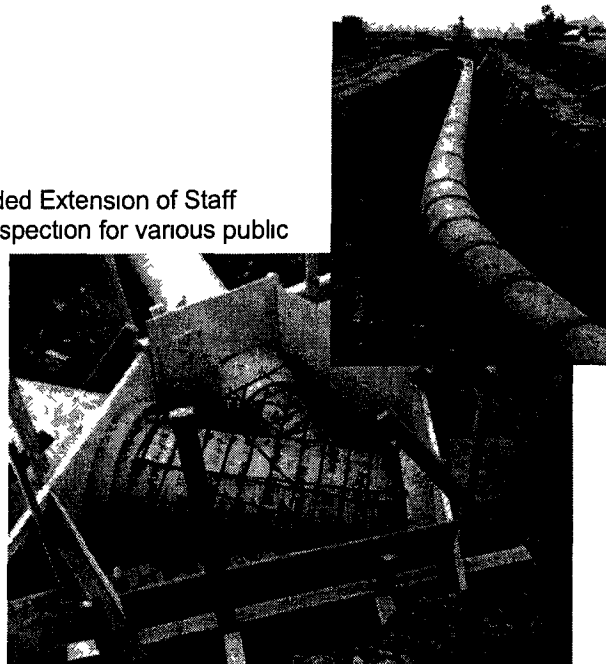
City of Fontana, CA

8353 Sierra Avenue

Fontana Ca 92335

For the past three years *Berryman & Henigar* has provided Extension of Staff services to the City of Fontana to provide construction inspection for various public works projects

We are currently providing inspection to set and pour a 9 x 11 3 500 foot box culvert under Caltrans specifications This includes grading to subgrade of the box check of subgrade checking of forms rebar for spacing and size and checking concrete on the pour and finishing of the pour Included in this project are the storm drain pipes coming off the culvert 400 feet of bleeder line with seven catch basins and 14 storm drain pipes connecting to the culvert Backfilling of the box culvert checking the laying of the storm drain pipe out of the box culverts 24 RCP to 30 RCP and check of the catch basin setting and pouring



Responsible to monitor the level of subgrade on the street section check the base asphalt pavement on the street section curb and gutter bus turnouts sidewalks handicapped ramps and island curbs with left turn pockets This portion of project was \$2 4 million from ground up including all grading before and after installation and backfill

Also included is the street work above this culvert that consists of monitoring the level of subgrade to ensure proper thickness and material inspection of the base asphalt along with curb and gutter and sidewalks Bus turn outs handicapped ramps cross gutters and spandrels traffic signal conduit and signals in addition to installation of traffic signal foundations island medians with left turn pockets and landscaping

Mango & Baseline This project included 400+ feet of 12 sewer line three manholes tying into two existing manholes storm drains CMP pipe grading of subgrade curb and gutter right turn pocket handicapped ramps sidewalks and driveways and exposed aggregate walkway Also included is base paving of asphalt over class two base and deep lift asphalt to ensure that lanes would not be closed overnight

Subdivision Inspection New housing included sewer section of 8 and 6 sewer line manholes storm drains catch basins curb and gutter sidewalks handicapped ramps grading of street section base asphalt paving and cap



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Culver CITY

Statement of Qualifications

As-Needed Civil Engineering and Construction Management

190th Street Reconstruction

Construction Management and Inspection

City of Torrance

3031 Torrance Boulevard
Torrance CA 90503

Berryman & Henigar provided complete construction management and inspection services to the City of Torrance for the 190th Street Rehabilitation project. Our team of professionals worked along side the City's staff throughout the entire construction process providing pre construction services construction management and inspection services and management of the project closeout.



This \$7.5 million road project consisted of complete reconstruction of 190th Street in Torrance from Prairie Avenue to Van Ness. 190th Street is a heavily traveled road used by both passenger and commercial vehicles. The road services an oil refinery as well as both commercial businesses and residential homes. Because of the need to keep traffic flowing during construction, two lanes of traffic were kept open for use at all times with all intersections and driveways accessible. The project consisted of two major phases with each phase divided into four phases of construction.

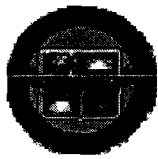
This project included the removal of the existing 24" asphalt road section. The new road was constructed with the use of fabric on native soil, 12" of CAB rock, 10" of BAR400 asphalt leveling course and 2½" of rubberized asphalt. In addition to the road construction, the project included the installation of almost 2 miles of water lines: one mile of 12 inch diameter ductile iron domestic water line and one mile of 12 inch CL 900 reclaimed irrigation line. The domestic water line included reconnection of 1 inch and 2 inch water services, fire hydrants, and nine side street connections. Other utilities were also installed including one mile of communications duct bank.

Key Elements

- ✓ Included the complete reconstruction of the Crenshaw Intersection which included the installation of new signals, interconnects, loops and lighting.
- ✓ Both phases of the project required the installation of over 17,000 square feet of sidewalk and 2,500 linear feet of curb, gutter and sidewalk and the installation of landscaped street medians.
- ✓ Managed the coordination of the testing utility agencies, the Contractor and public relations.
- ✓ Traffic control techniques included the implementation of the Watch Manual and a detailed and well designed traffic control plan.
- ✓ Knowledge of the poor soils conditions enabled our staff to have in place mitigation measures before the poor soils were encountered, eliminating delays to the project.



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Culver CITY

Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Municipal Engineering

*Contract City Management, Program Management,
Construction Management / Inspection,
Plan Check and Map Services*

City of Los Alamitos

3191 Katella Avenue

Los Alamitos CA 90720 5600

Berryman & Henigar is currently providing a variety of contract City Engineer and municipal engineering services to the City. We are providing **City Engineer** capital improvement administration, budget preparation, funding procurement, **plan and map review**, design, surveying, Engineering Department representative to City Council, program management, and construction management/inspection services.

The City's goal was to obtain the required expertise from a City Engineer to incorporate a program to **facilitate outside grant funding sources** for roadway improvements, planning programs and land development reviews, as well as provide engineering consultation for various concerns such as traffic congestions, flood control and street signage problems. We have recently formulated a City Traffic Plan to identify various residential concerns and are currently waiting approval from City Council.

Berryman & Henigar City Engineer has performed extensive research to locate grant funding resources to assist the City with their roadway improvement projects. We have successfully secured \$950,000 in grant funds from the County Transportation Funding Program (CTFP) combined funding program administered by Orange County Traffic Association (OCTA) to allocate the appropriate funds towards the City's Capital Improvement Program.



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Culver CITY

Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Municipal Engineering

Contract City Management, Program Management

Plan Check, Design, Construction Management

City of Pomona

505 South Garey Avenue

Pomona CA 91766

Berryman & Henigar has provided a variety of services for the City of Pomona since 1975. We have provided **Interim Public Works Director, plan check and map review, construction inspection, program management, land acquisition, design and project management services**. We are currently providing program management services including land acquisition, contract negotiations, as well as attend City Council / Planning Commission meetings for the implementation of the Pomona Valley Transfer Station.

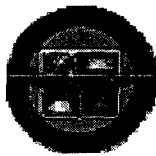
Berryman & Henigar extension of staff Public Works Director organized, managed and implemented the City's \$80 million Capital Improvement Programs as well as identified the planning commission. A major project in Pomona was the \$2 million Mission Avenue Street Rehabilitation and Streetscape Enhancement project which included street reconstruction, resurfacing, and new street trees along the corridor. Intersection enhancements were also included at key arterial crossings.

Berryman & Henigar is very **knowledgeable and proficient** in **resolving the issues and concerns** that confront local government and they understand the importance of following up and following through in a professional manner.

**Doug Dunlap, City Manager
City of Pomona**



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Culver CITY

Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Municipal Engineering

*Contract City Management, Program Management,
Design, Construction Management*

City of Poway

13325 Civic Center

Poway CA 92074

Berryman & Henigar served as the City's first City Engineer for several years after incorporation in 1982. We established procedures and developed an organization within the Public Services Department to handle the projects and workload previously being performed by the County of San Diego. Our firm also developed design and private development standards, performed a management and organizational study of the Engineering Department, and scheduled, designed, and implemented City Council requested capital improvement projects to meet Council mandated construction schedules. These services established effective management procedures within the engineering department which then maintained effective communications with other City staff and City Council before, during, and after the transition.

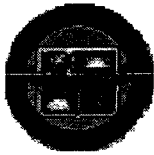
Currently, *Berryman & Henigar* is providing Capital Improvement Program Management services for \$40 million in redevelopment and Capital Improvement Program (CIP) projects. We have completed four projects totaling **\$18.6 million** in construction costs, **\$3.2 million** projects currently in the construction phase, and **\$18.6 million** currently in the design phase. Various CIP projects include the design and construction management of major road improvements, buildings, water/wastewater facilities, drainage, and park projects. We oversee projects funded from 2001 Tax Allocation Bond proceeds and the projects must be completed and obligated for construction by July 2003 for the City to be eligible for subsequent Tax Bond offerings. Program management tasks include managing project design, either through in-house resources or through the selection of other consultants, and advertising, award, and **construction management/inspection services**. Key program management and engineering staff is assigned to City offices.

Since the City was incorporated, *Berryman & Henigar* has provided **high quality and comprehensive development review** services. When our City has needed **extension of staff assistance**, *Berryman & Henigar* has responded quickly with **highly competent staff** for both short and long term assignments at City offices. I am most impressed by the **approachable nature** of your highly competent staff. They always make certain that our **City's goals are met** while simultaneously maintaining **excellent working relationships**.

Javid Siminou
City of Poway



Berryman & Henigar



Culver CITY

Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Municipal Engineering

*Contract City Management, Program Management,
Construction Management, Asset Management,
Building Official, Plan Check and Map Services*

City of Rancho Santa Margarita

30211 Avenida de la Banderas Suite 101
Rancho Santa Margarita CA 92688

Berryman & Henigar has provided a variety of services to the City of Rancho Santa Margarita since incorporation in 2000. We have provided in house **City Engineer Building Official** funding procurement Engineering Department representative to City Council **program management** plan check and map review design surveying capital improvement administration budget preparation NPDES compliance GASB 34 compliance asset management and **construction management/inspection services**

The City's goal was to establish efficient and cost effective solutions that are responsive to the residents of the community. The *Berryman & Henigar* team prepared an Action Plan to implement strategies policies and procedures funding procurements and departmental budgets Capital Improvement Program as well as created standards and forms not only to measure the Plan's effectiveness moreover to establish the new City's organization. Through our extensive research and ability to work with multiple agencies we were able to capture **\$4.6 million in available grants and funds** for the City of Rancho Santa Margarita. The CIP Plan has allowed us to provide the City with construction documents and specifications for a Citywide Slurry Seal Program which is currently in the bid phase as well as the Plano Trabuco Raised Median project. We are currently conducting a Citywide Study for the City to identify major arterial routes for street upgrades to receive additional grants or funds.

Berryman & Henigar team members were also instrumental in gathering **additional funding resources** to build Bandaras Bridge. Before the City was incorporated the County of Los Angeles had slated this project for future construction. Unfortunately when the City became its own the needed bridge project diminished. Due to the requests from local citizens and City staff members and further research from our staff we were able to capture an additional **\$2.6 million** over and above the established CIP Program from the OCTA Transportation Quarter Agency as well as private contributions to construct the bridge. The bridge is located over the 241 toll road in Orange County.



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Culver CITY

Statement of Qualifications

As-Needed Civil Engineering and Construction Management

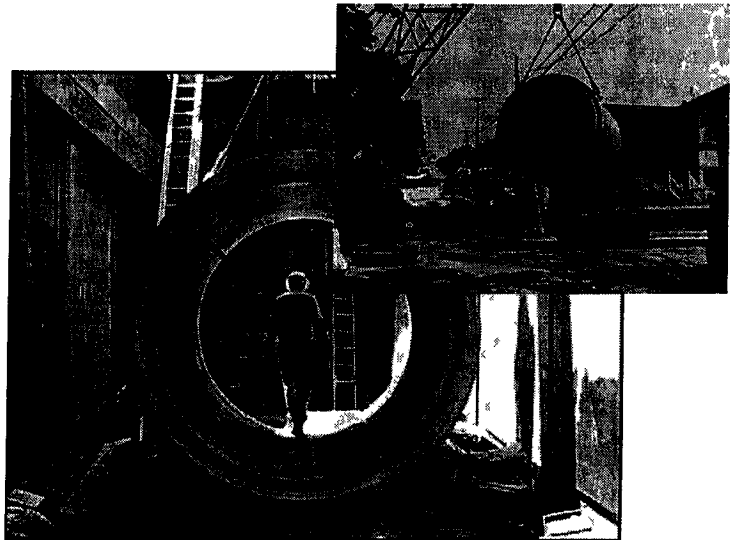
Greenflag Drain (Project No 6502 Relief Drain Design)

Design and Construction Support

Los Angeles County

Department of Public Works
900 South Fremont Avenue 6th Floor
Alhambra CA 91803

The Greenflag Drain project totals approximately 7 100 feet of 10 wide x 8 6 high reinforced concrete box (RCB) 96 to 24 reinforced concrete pipe (RCP) storm drains including 750 linear feet of a 96 tunnel in the City of Redondo Beach. The project was designed to relieve the existing Storm Drain Project No 6502. It is comprised of five relief storm drain lines and a 120 x 160 by 16 reinforced concrete underground flow by detention chamber and weir structure with a capacity of 6 acre feet. The detention basin is constructed beneath a 1 2 acre neighborhood park.



With the pipes being very deep in sandy soil the contractor had to do grout injections to hold the soil in place. The topography of the area and the compactness of the location required the design of an innovative and self cleaning inline flow by weir. This design has subsequently been used in several other projects by the County of Los Angeles.

Los Angeles County Department of Public Works Storm Drain Project No 6502 in the City of Redondo Beach was built in the 1950 s under a County wide bond issue program. Over half the area of the City of Redondo Beach and portions of Manhattan Beach are tributary to this storm drain. Project No 6502 discharges to the Herondo Drain a regional system in 190th Street which serves a very large drainage area within the Cities of Hermosa Beach Redondo Beach Manhattan Beach and Torrance. Due to intense development within the region the existing storm drainage systems had become inadequate to convey the storm water runoff. A relief storm drain system was badly needed to efficiently handle the storm water. The project was estimated at \$8 5 million for which no funds were available.

The City of Redondo Beach and the County of Los Angeles met to develop a logical and long term solution to this challenge. The County agreed that the flooding was a regional problem that justified a regional solution and agreed to provide funds for the design and construction of a relief storm drain system. The City of Redondo Beach provided \$2 75 million as a part of the total \$10 million cost for the project. The topography separated the area into five separate tributary drainage areas. Five separate drains were necessary for the new storm drain system to function effectively.



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Culver CITY

Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Main Street and East Yale Loop Rehabilitation Project

Street Rehabilitation Design

City of Irvine

1 Civic Center Plaza

Irvine CA 92606

This project consisted of the rehabilitation of 900 feet of Main Street between Culver and West Yale Loop and 1 600 feet of East Yale Loop between Barranca and Briarwood Main Street was improved by grinding 0 20 feet of pavement crack sealing and constructing a 0 20 feet asphalt rubber hot mix overlay Total reconstruction was done to a portion of the street where the pavement had failed East Yale Loop was improved by removing the top 0 75 feet of pavement and base recompact and constructing a full depth asphalt pavement consisting of a 0 20 feet rubberized surface course over a 0 55 foot base course Both projects included striping and replacement of traffic signal loop detectors The contract documents were prepared in accordance with the Caltrans Local Assistance Procedures Manual requirements for federally funded projects



Trabuco Road Rehabilitation

Street Rehabilitation Design

City of Irvine

1 Civic Center Plaza

Irvine CA 92606

Berryman & Henigar provided services for the rehabilitation of Trabuco Road from Culver Drive to Yale Avenue This street rehabilitation project had a full depth reconstruction at the west end of the project between the I 5 ramp and Culver Drive The rest of the divided roadway was being cold milled (full section) and overlaid with an Asphalt Rubber Hot Mix Utility covers were adjusted to grade and the striping restored This was a federal aid project for which the contract documents and specifications were prepared in compliance with federal requirements



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Culver CITY

Statement of Qualifications

As-Needed Civil Engineering and Construction Management

State Route 60 / 71 Interchange

Roadway Design

City of Pomona

505 South Garey Avenue
Pomona CA 91769



Berryman & Henigar provided design and engineering services for this four level interchange at the junction of State Routes 60 (Pomona Freeway) and 71 (Corona Freeway) to alleviate traffic congestion in South Pomona and provide a vital link between Los Angeles and Riverside County. The design included the construction of 11.5 miles of freeway connectors, ramps, local streets, 14 new bridges, 2 bridge widenings, 14 retaining walls, 4 soundwalls, over 2.6 million cubic yards of excavation, extensive surface and subsurface drainage improvements, restoration of two major landslides, development of detailed construction staging, erosion control, highway lighting, signing, and delineation, six sets of intersection traffic signals, four ramp metering systems, and major drainage structures. The fourth level overcrossing used single cell box girders with transverse prestressing. *Berryman & Henigar* prepared a drainage study and hydrology report for the nine square mile watershed tributary to Chino Creek Channel at the Route 60 crossing. Final PS&E design included drainage crossing structures, highway drainage, and reconstruction of 1,100 feet of Chino Creek Channel. On site hydrology and hydraulics were based on Caltrans procedures and standards. The complex geometric design and construction staging required a challenging coordination of many concurrent design elements. *Berryman & Henigar* assisted the City of Pomona through the myriad of hearings, meetings, Caltrans coordination and approvals required. *Berryman & Henigar* also performed the design survey for the project in conjunction with pre-existing Caltrans control surveys and photogrammetry. Using total stations and data collectors, design alignments were profiled and cross sectioned. Survey data was downloaded to computers for computer aided design/drafting and earthwork calculations. All scope, schedule, and budget goals were met. **The project was fast tracked to completion two months ahead of schedule.**

This project was awarded Caltrans Excellence in Transportation Facilities ' Award

Challenge. The project was constructed within two separate county lines requiring coordination with two Caltrans districts, two county transportation agencies, two county flood control districts, and three cities.

Solution. Conducted project stakeholders meeting every three weeks. Took detailed minutes and distributed them to all agencies.



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Culver CITY

Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Eastern Trunk Sewer

City of Ontario

Prepared the preliminary design report as well as providing design and construction plans and cost estimates for **37,300 feet of gravity sewer pipeline from 10 to 48 inches in diameter** through the City of Ontario's New Model Colony and City of Chino's Agricultural Preserve Area tying into Inland Empire Utilities Agency's 54 inch Kimball Interceptor Sewer. The project was designed and coordinated with the Cities of Ontario and Chino, Inland Empire Utilities Agency, San Bernardino County Flood Control District and Riverside County Flood Control District. The project included a detailed Sewer Study to establish alignment design of siphon under the Corp of Engineers Cucamonga Creek Channel and the elimination of three existing sewer lift stations. The project also involved extensive multi-agency coordination approvals, permitting, preparation of plans, specifications, and estimates, Right of Way acquisition from 11 properties, and construction support.



Sewer Main

Replacement, CIP

2002-2003

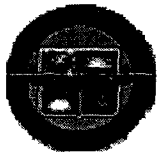
Elsinore Valley Municipal Water District

Currently completing design and preparation of plans, specifications and estimates for the replacement of existing sewer lines for the City of Lake Elsinore. This project consists of approximately **4,500 linear feet of 6 and 8 inch VCP sewer lines** which are designated for replacement. Project specifications and construction notes were prepared to minimize the construction impact and service interruption to residents and businesses during the construction phase. Project also included construction permit acquisition and agency coordination.



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Culver CITY

Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Imperial Highway/State Route 90

Roadway Design

City of Yorba Linda

4845 Casa Loma

Yorba Linda CA 92686

Berryman & Henigar investigated five alternative concepts to prepare the **Project Study Report and Project Report (PSR/PR)** for the BN&SF Railroad Separation of Imperial Highway at Orangethorpe. Currently 26 railroad crossings per day cause unbearable delays at the intersection. Railroad activity is projected to increase to 128 crossings per day by 2010, further impacting traffic at Imperial Highway and Orangethorpe.

Design concepts to address and resolve traffic delays ranged from an over/underpass, raised intersection, depressed railroad, and urban interchanges.



Berryman & Henigar prepared geometric plans, profiles, and a cost estimate in accordance with Caltrans and BN&SF Railroad requirements for this federally funded project. Project documents were prepared in metric units. When completed, the overcrossing will greatly relieve traffic congestion and eliminate delays at the existing intersection.

This project had multiple stakeholders and significant impacts to property and access. In addition, federal funding had to be obtained after project design was started. *Berryman & Henigar* held monthly project development team meetings and worked with Caltrans to develop a design exception punch list. The team also held numerous community workshops to inform and get input from the community.



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Culver CITY

Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Manhattan Beach Boulevard Beautification and Rehabilitation

Design, Construction Management, and Inspection

City of Lawndale

14717 Burn Avenue

Lawndale CA 92060

Berryman & Henigar provided the design construction management and inspection for this \$16 million dollar roadway rehabilitation and beautification project for 2 miles of Manhattan Beach Boulevard. Included in the scope of construction services was extensive traffic control, 316,604 square feet of cold planing and overlay, installation of rubberized asphalt cap, removal and replacement of concrete curb and gutter, sidewalks, driveways and median islands. The project also included the installation of landscape median islands, traffic signals, and lighting.



Every project encounters unforeseen conditions that require creative and thoughtful solutions to mitigate cost and time impacts. We made it our priority to look ahead, anticipate issues to develop effective solutions. We also kept an eye out for value engineering solutions to maintain the contract value and eliminate cost escalation.

Pre engineered Soils Condition Solution

Prior to commencing construction, we anticipated poor soil conditions and recommended that the City add a pre engineered solution to the contract when poor soil conditions were encountered and include as a bid item.

Coordination with Adjacent Concurrent Project

An adjacent extensive road rehabilitation project was being performed concurrently nearby, which complicated traffic control, utility coordination, room for lay down and staging, and ensuring that finish products were consistent between the two projects. Extensive coordination efforts were made to establish contacts to maintain communication.

Utility Coordination and Railroad and Conflict Resolution

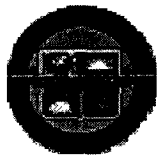
Unidentified utilities and storm structures were encountered during construction. We facilitated research with the County of Los Angeles and aided in the resolution to the conflict.

Continuity of Project Management from Design through Construction

Because we were the design firm, we had a unique opportunity to provide timely engineering reviews and solutions. Our Construction Management team and Civil Design group worked seamlessly together to provide the best value to the City.



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Culver CITY

Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Rancho Santa Fe Road Improvements – Construction Management

City of Carlsbad

Berryman & Henigar recently provided construction management and inspection for Rancho Santa Fe Road from Melrose Drive to Island Drive. This \$13.5 million project included grading, placement of underground utilities, and construction of 5,800 linear feet of Rancho Santa Fe Road as a divided 4-lane major arterial. Traffic signals were installed on Rancho Santa Fe Road at Melrose Drive, Meadow Lark Ranch Road, Redwing Street, and Via Allondra intersections. Critical components included:

- ✓ coordinating safe and efficient routing of vehicular traffic through the site to ensure public, contractor, and project staff safety during major construction activities
- ✓ maintaining utility services during installation of new underground utility system
- ✓ mitigating dust and noise to ensure nearby residents were treated with care and respect
- ✓ vigilantly complying with environmental regulations

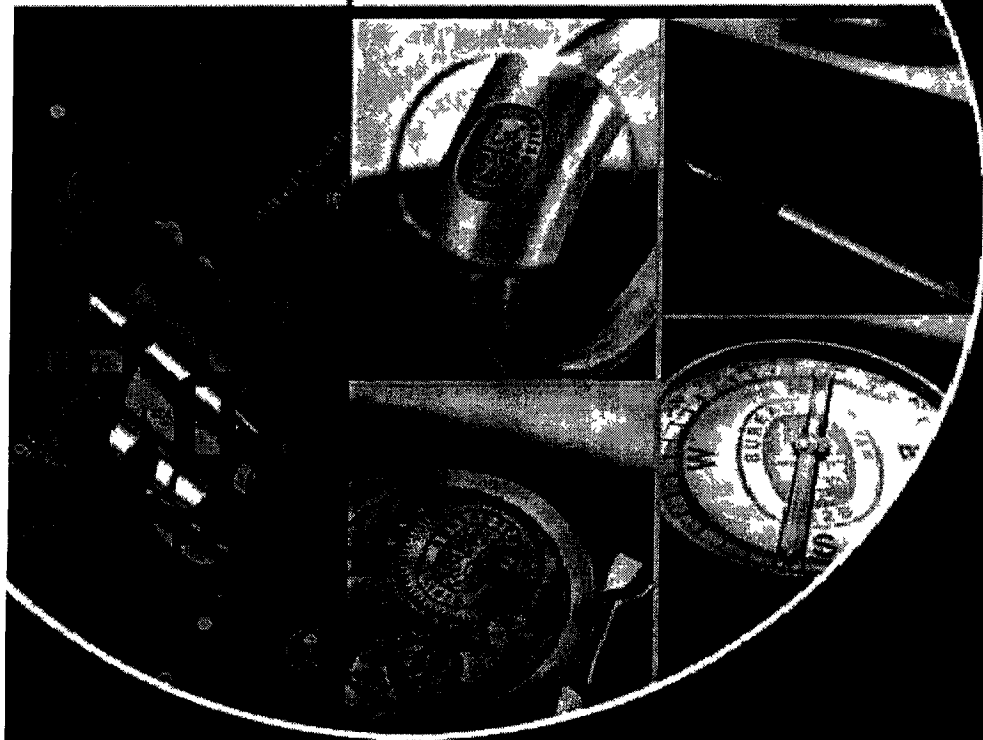


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> Resumes of Key Personnel

*City of Culver City
Statement of Qualifications*





Culver CITY

Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Tim D'Zmura, PE, CBO, AICP
Principal-in-Charge

Education & Certifications

BS Civil Engineering University of Notre Dame 1987

Registered Civil Engineer California 1990 #45607

Professional Affiliations

*International City Management Association
American Public Works Association
American Society of Civil Engineers
National Society of Professional Engineers*

- ✓ **15 Years of Municipal Management Experience**
- ✓ **Served as Extension of Staff for 8 Southern California Cities**
- ✓ **Successfully Administers State Federal, and County Funding Programs (STPL, STIP CDBG FEMA OCTFP)**
- ✓ **Instrumental in Securing over \$10 Million in Grant Funds for City Agencies**
- ✓ **Successfully Secured \$950,000 in Grant Funds for the City of Los Alamitos**

Tim has served in a number of capacities in the fields of civil engineering municipal public works current and advanced planning and building safety inspection and administration He has served public sector clients as staff **public works director, planning director, assistant city engineer and building official**

Tim's background also includes responsibility for leading and managing the **successful delivery** of a variety of **municipal contract services** to numerous cities throughout Southern California He has dedicated himself to serving the client's needs in the most effective and efficient manner possible With 15 years of related experience he has developed asset management systems reviewed geotechnical and environmental processes coordinated engineering design and construction on infrastructure projects managed the preparation of **traffic calming plans** provided construction **contract management** reviewed plans implemented **capital improvement project plans** developed design standards and ordinances **secured funding** and prepared feasibility studies

Tim has personally served as staff **Public Works Director, City Engineer, Deputy City Engineer Building Official or Planning Director** for the following cities

- ✓ Los Alamitos
- ✓ Yucca Valley
- ✓ San Gabriel
- ✓ Palos Verdes Estates
- ✓ Hidden Hills
- ✓ Baldwin Park
- ✓ Rancho Palos Verdes
- ✓ Mission Viejo





Culver CITY

Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Mohammed Rowther, PE

Project Manager

Education & Certifications

M S Structural Engineering California State
Polytechnic University Pomona

B S Civil Engineering California Polytechnic
University Pomona

Registered Civil Engineer California #37127

- ✓ 24 Years of Roadway and Drainage Improvement Experience
- ✓ Extensive Project Management Experience
- ✓ Familiar with County of Los Angeles Standards

Mohammed has 24 years of experience specializing in the design of **roadway improvements** and municipal **drainage projects** throughout Southern California. His experience includes project management and providing civil and structural design engineering for transportation storm drainage water and wastewater facilities.

Sierra Avenue Widening Project, City of Fontana, CA Project Supervisor for the design of Sierra Avenue from Baseline Avenue to South Highland. Responsibilities include horizontal and vertical design of roadway storm drain design signing and striping plans and utility coordination. Project also involves multiple design alternatives for the Baseline/Sierra intersection. Funding includes federal state and local funds.

Baseline Avenue Widening Project, City of Fontana, CA Mohammed serves as Project Supervisor for the widening of 3.7 miles of roadway. This project is currently under design and involves a geometric and alignment study channelization and widening of the existing two lane road to five lanes. In addition curb and gutter median driveway realignment design retaining walls intersection design and construction plan preparation are required elements of the project.

Imperial Highway (State Route 90) Smart Street, City of Yorba Linda, CA Served as Project Manager for the final design of widening 5.5 miles of Imperial Highway Segments 5 and 7. The federally funded \$35 million project included PUC approval for widening of at grade crossing of BNSF railroad tracks coordination with OCEMA and Corps of Engineers for relocation of RCB storm drain outlet to the Santa Ana River and was designed per Caltrans Metric Standards.

Sepulveda Boulevard Widening, City of Carson, CA Mohammed served as Project Manager responsible for the design of the Sepulveda Boulevard widening (50 to 100 feet of right-of way) between Wilmington Avenue to Alameda Street for the City of Carson.

San Gabriel Boulevard Improvement Project, City of San Gabriel, CA Served as Project Manager for the development of master plan and final design of street drainage street lighting signal and landscape improvements for approximately 2 miles of San Gabriel Boulevard.



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Batz Road and Palm Avenue Improvements, City of Hemet, CA Served as Project Manager for the design of roadway and drainage improvements along Batz Road and Palm Avenue in the vicinity of MWD's Eastside Reservoir site in Hemet. The project design was fast tracked to expedite the permit processing through Riverside County.

State Route 60/71 Interchange, City of Pomona, CA Project Manager responsible for the design and construction of the four level freeway interchange at State Route 60/71 for the City of Pomona and Caltrans Districts 7 and 8. This \$73.6 million project included the design of over 11.5 miles of roadway, 14 new bridges and 2 bridge widenings, 15 retaining walls, 4 soundwalls, six signal modifications, 2.5 million cubic yards of excavation, over \$10 million in drainage improvements, and extensive construction traffic control. The project was coordinated with 9 governmental agencies and completed two months ahead of schedule. It received the statewide *Excellence in Transportation Facilities* award for project delivery for Caltrans.

Garey Avenue Improvement Project, City of Pomona, CA Project Manager for the development of pavement rehabilitation strategy and contract documents for improvements along approximately 6,000 feet of Garey Avenue from Lexington Avenue to 7th Street. Project included curb and gutter, sidewalk, driveways, landscape, and pavement improvements.

Alameda Transportation Corridor, Los Angeles, CA Project Manager for the preparation of the Design Hydrology and Concept Design Report for storm drain improvements for the north end improvement projects. Project included the relocation of two LACDPW RCB drains due to construction of grade separations along Santa Fe Avenue and Washington Boulevard.

State Route 241 – Foothill Transportation Corridor, Transportation Corridor Agency, Orange County, CA Project Manager responsible for the preparation of rough grading plans, hydrology report, and final drainage plans for the El Toro Ridge Grading Element Project along State Route 241 in the City of Mission Viejo for the Transportation Corridor Agency and Caltrans District 12. Project included over 2 million cubic yards of excavation, subdrain systems, a desilting basin, and landslide repairs.

Master Plan of Drainage, Chino, CA Project Manager for the preparation of Master Plan of Drainage for the City of Chino. Project included the development of hydrologic and hydraulic evaluation of 34 square mile watershed in the cities of Chino, Chino Hills, Montclair, and Ontario tributary to U.S. Army Corps of Engineers Prado Basin and San Antonio Channel, and development of comprehensive digitized master plan for over \$90 million in storm drain improvements.

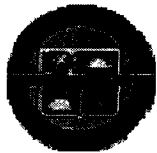
Master Plan of Drainage, City of Yorba Linda, CA Project Manager responsible for the preparation of master plan of drainage for the City of Yorba Linda. Project included inventory of existing drainage system, development of hydraulic evaluation of existing drainage system, facility sizing, and preparation of cost estimates.

Master Plan of Drainage – Chino Agricultural Preserve Area – Sub area 1, San Bernardino County, CA Project Manager for the preparation of the Master Plan of Drainage for Sub area 1 of Chino Sphere of Influence of the Chino Agricultural Preserve Area for San Bernardino County Flood Control District. Project includes the development of design hydrology, preliminary hydraulics, facility sizing, and cost estimates for recommended facilities for this 1,800 acre study area.



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Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Mark Risch, PE

Project Manager

Mark is a roadway design specialist with 20 years of civil engineering design, **planning, subdivisions, utility relocation**, and construction support experience on transportation corridors throughout Southern California, including a successful six year track record with RCTD. Committed to delivering **value** through **cost-effective** and **timely projects**, Mark's trademark project management style is to provide strong communication and to consistently track project progress and costs to ensure project momentum and quality is maintained through completion.

- ✓ 20 Years of Roadway Expertise
- ✓ Completed 20+ Alignment Studies
- ✓ 6 Year Track Record with RCTD
- ✓ Proven Multi Agency Coordination
- ✓ Excellent Working Relationship with All Stakeholders

Newport Road Extension, Riverside County Transportation Department, CA Project Manager for the extension and widening of **4.5 miles** of six-lane prime arterial roadway plus a one mile extension of Briggs road, a major roadway. The technical components of the \$18 million, federally funded project included **cost analysis of five separate alignment alternatives** including preliminary hydrology and hydraulics for preliminary sizing of storm drain facilities, environmental documentation and processing (joint CEQA / NEPA document), utility investigation and mapping (underground and overhead) and **cost analysis** of each preliminary alternative. In addition, coordination with **property owners, developers** and their engineers was crucial to accommodate the needs of the many proposed developments along the corridor.

Rancho California Road Widening, City of Temecula, CA Project Manager responsible for widening of Rancho California Road to relieve severe congestion at the intersections of Rancho California Road with Interstate 15 and Old Town Front Street / Jefferson Street. The scope of work involved **three alignment alternatives** to study the benefit to cost aspects of the various configurations. The study included detailed traffic volume and intersection geometry analyses, right of way acquisition options, complete cost estimating for all alternatives included construction and construction management, right of-way acquisition and engineering design services. This study was completed with cost versus benefit and pro/con matrices for City determination of the final selected alternative.

Valley Center Road, County of San Diego, Escondido/Valley Center, CA Project Manager responsible for a Preliminary Engineering Report, complete design, exhibits, and survey oversight of approximately **three miles** of four lane arterial with median from Woods Valley Road to Lake Wolford Road. Design included hydrology and hydraulic calculations, review of previous value engineering study, geotechnical study and environmental study. The project involved preparation of specifications and bid documents as well as construction traffic control plans. The project limits were extended 1,800 linear feet into the City of Escondido to join existing improvements, improve sight distance, and substantiate horizontal curves.



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Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Ed Pratt

Construction Inspector

- ✓ **30 Years of Public Works Infrastructure Construction Experience**
- ✓ **Storm Drain and Sewer Inspection**
- ✓ **Roadway Inspection**

Ed has more than 30 years of public works infrastructure construction and inspection including storm drain installation sewer installation public park and community facility development grading traffic signal installation pavement construction rehabilitation overlay and slurry seal concrete structures striping landscape and irrigation installation reinforced concrete walls and block walls His background includes construction management construction supervision public works inspection expert witness representation change order processing schedule tracking and municipal bidding processes Additional specialties include construction site traffic control and staging work site safety OSHA compliance project client liaison federal and state agency funding requirements and community outreach

190th Street Rehabilitation and Water Main Replacement, Senior Project Inspector, City of Torrance, CA The scope included curb and gutter sidewalk removal and replacement of 20 000 square feet of sidewalk 3 000 lineal feet of curb and gutter commercial driveways and bus pads There were roughly 9 000 tons of rubberized asphalt with complete street rehab consisting of 12 base fabric 12 OV CAB and finish of base asphalt and a 2½ rubberized cap The traffic signal work verifying of stripping plans layout checking the sewer storm drain and water valve raising valves to finish grade The project had 4 000 lineal feet of 12 ductile iron domestic water line with house service and fire hydrant connections The reclaimed water line was 2 600 feet of CL900 12 pipe and inspection of the 2 600 feet of **communication conduit** with the inner duct Included in this project were two major large landscaped median islands

Street Improvements, Senior Project Inspector, City of San Clemente, CA The project consisted of asphalt and dirt removal for 12 miles of 12 street section Fabric was installed as needed laying of base asphalt AHRM two inches thick plus curb gutter handicap ramps and sidewalks This was a \$2 million dollar project with challenges of **traffic control** to maintain resident access to their property at all times The street improvements were made up of two separate projects with two different contractors that needed careful scrutiny

Bandini Boulevard Street Rehabilitation, Senior Project Inspector, City of Bell, CA Bandini Boulevard was three miles of street rehabilitation and new pipe Asphalt and dirt removal for an 11 street section was required lay deep lift base asphalt lay AHRM 2 thick The area was cold planed as required Stripping loops sidewalk replacement and handicap ramps were incorporated into the project The challenges of this project were traffic control night work and brought the project in early

Orangethorpe Avenue Street Rehabilitation, City of La Palma, CA Rehabilitation of Orangethorpe Avenue from Valley View Avenue to SR 91 State Highway including pavement grinding pavement reconstruction re pavement petromat placement and asphalt pavement overlay striping traffic control scheduling and **community outreach** for over 2 500 linear feet of major arterial as part of the City of Annual Pavement Maintenance Plan



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Culver CITY

Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Gary Yeo

Construction Manager

Education & Certifications

BS Construction Management California Polytechnic State University San Luis Obispo

MBA Candidate California Polytechnic State University San Luis Obispo

Class B California Contractor's License #B492919

Class B Oregon Contractor's License

Radiation Safety & Nuclear Gauge Certification #38943

EMT Certification

- ✓ **25 Years of Construction Management Experience**
- ✓ **Multiple Stakeholder Coordination**
- ✓ **Storm Drain Channel, Roadway Construction Management**

Mr Yeo has more than 25 years of construction management experience and currently serves as the Director of Construction Management at *Berryman & Henigar* based in Santa Ana. His areas of expertise include contract administration, estimating, project planning, scheduling and progress monitoring, project cost management and control, claims resolution and change order management. His relevant experience includes:

Project Oversight, 190th Street Rehabilitation, City of Torrance, CA Provided oversight and quality control for all services performed by *Berryman & Henigar* for this \$5 million street rehabilitation and water main replacement project.

Project Oversight, City of Laguna Hills, CA Provided and continues to oversee the multiple projects that are completed or under construction by the City of Laguna Hills. These various projects include the Alicia Parkway Median Landscape and City Entry Monument Improvements (CIP 307) yearly contract for permit inspection, Wetland Mitigation Plan and Turtle Pond Mitigation encompassing excavation, grading, soil preparation, landscape irrigation, drainage placement and other needed elements of the project. Currently Alicia Parkway streetscape improvements and traffic signal interconnect on Alicia Parkway and Mouton Parkway are in process.

Project Controls/Quality Control Manager, Ocean Avenue Rehabilitation, City of Torrance, CA Provided quality control for all services performed by *Berryman & Henigar*. Provided cost estimate data for contract change orders. Assisted in project close-out.

Project Oversight, Chino Avenue Bridge Widening and Street Improvements, City of Chino, CA The oversight of this unique project brought many challenges, bringing together the necessary participation of multiple agencies including the City of Chino, Caltrans, San Bernardino County Flood Control District, the U.S. Army Corps of Engineers, the contractor and associated specialty subcontractors.

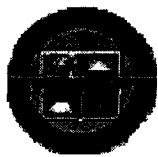
Construction Manager, City of Paso Robles, CA Provided contract services including conceptual estimating, management of the design process, bidding, construction management and controls.

Construction Manager, City of Paso Robles, CA Provided contract services for the entire design and construction process, including conceptual estimating, management of the design process, constructability and peer design reviews, bidding, construction management and controls. Mr. Yeo was responsible for the overall management of these projects and for overseeing all sub-consultant services utilized.



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Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Howard Weber

Senior Civil Designer

Howard will be the designated Senior Civil Designer for this project and has more than 35 years of experience with an emphasis on local and interstate transportation needs serving the public works sector. Howard brings impressive experience in roadway design and rehabilitation, geometric design, road widening with curb, gutter and sidewalk.

Qualification Highlights

Years of Experience

✓ 35

Education

✓ BA Industrial Arts, California State University

Lakewood Boulevard, City of Downey, CA Project Engineer for the rehabilitation and widening of Lakewood Boulevard from the 105 Freeway to Telegraph Road through the City of Downey. This multi-million dollar construction project focused on providing joints at existing properties, minimizing right of way takes and on site construction as well as construction of landscaped median and pertinent utility relocations. Completion is expected in 2007.

154th Street, City of Lawndale, CA Widening and rehabilitation of a local collector street which serves two schools and links two major arterial highways: Hawthorne Boulevard and Prairie Avenue. This \$150,000 project was completed on time and budget.

Smith Park Street Rehabilitation, City of San Gabriel, CA Rehabilitation of Broadway, Clary Avenue, San Marino Avenue, Elm Avenue and Del Marino Place in the City of San Gabriel. Project utilized digout areas as well as pulverization.

Millennium Miles, City of San Gabriel, CA The first phase of the Millennium Miles project entailed the rehabilitation of seven local streets by pulverization, addition of gutter plate, drive approach replacement and design of an offset crown line in a relatively steep section of the city.

Main Street Rehabilitation, City of Lake Elsinore, CA Main Street, a major arterial through the city, was refurbished using R&R overlay and slurry seal. Curb and gutter was constructed where none previously existed and a localized drainage problem was solved.

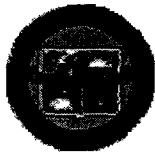
Anaheim Resort Street Rehabilitation, City of Anaheim, CA Harbor Boulevard from Convention Way to Katella Avenue and Anaheim Boulevard from Cerritos Avenue to Ball Road in the City of Anaheim consisted of widening and removing and replacing the structural section for two of the city's busiest streets.

Walnut Street, Disney Way, West Street, Harbor Boulevard and Ball Road necessitated removal and replacement of their structural section, curb and gutter, sidewalks and driveway aprons. Drainage issues and utility conflicts were solved. Storm drains and other utilities were installed. Of note is a sidewalk on Disney Way that when viewed from above is in the silhouette of Mickey Mouse. Tramway and fire access road were designed from the Disneyland parking structure to Downtown Disney and the park's entrance.



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Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Jacki Niemi, PE, TE
Project Manager

Education & Certifications
B S Civil Engineering 1998

Registered Civil Engineer California #64046

- ✓ **6 Years of Municipal Management Experience**
- ✓ **Served as Extension of Staff for 3 Southern California Cities**
- ✓ **Manages Multiple Public Works CIP Roadway Improvement Projects**

Jacki has over six years of progressive civil engineering construction management and municipal public works experience. She has served as extension of staff for various cities in Southern California including Los Alamitos, Yucca Valley, and Buena Park.

Assistant City Engineer, City of Los Alamitos, CA Currently managing multiple public works improvement projects including street widening, street realignment, reconstructions, and resurfacing, installation of new roadways, and landscape median islands. Also responsible for all land development plan check and permit processing and approval.

Deputy Town Engineer, Town of Yucca Valley, CA Managed multiple public works improvement projects including street widening, street realignment, reconstructions, and resurfacing, installation of new roadways, and landscape median islands. These projects were funded with a variety of Local, State, and Federal monies which required special project administration. Also responsible for all land development plan check and permit processing and approval.

- ✓ **Gateway Industrial Complex** a one million dollar street resurfacing and improvement project including new sidewalk, curb and gutter, and street lighting.
- ✓ **Fox Trail**, a \$350,000 new street construction including utility relocations and drainage mitigation.
- ✓ **Hillcrest Drive**, 3,200 lineal feet of street construction including utility relocations.
- ✓ **Onaga Trail**, a \$280,000 street realignment and widening project including curb and gutter, sidewalk, wheelchair ramps, and drainage improvements intended to increase pedestrian safety near a school.

Assistant Engineer, City of Buena Park, CA Responsible for plan checking, grading, street improvement, easement deeds, dedications, parcel maps, tract maps, and sewer, storm drain, and water plans. Also responsible for establishing development conditions for upcoming projects, overseeing NPDES and FEMA compliance, as well as issuing permits for private property grading and right of way improvements.



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Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Mike Foreman, PLS
Surveyor

Education & Certifications

Undergraduate Engineering Studies California State University at Long Beach

Professional Land Surveyor California #5778

- ✓ **30+ Years Mapping / Map Check Oversight**
- ✓ **Manage Map Check Services for 25+ California Agencies**
- ✓ **14 Years Expert Examiner for Board of Registration for Professional Engineers & Land Surveyors**

Mr Foreman manages *Berryman & Henigar's* West Coast Field Services Division and is responsible for all field surveys mapping map checking and right-of-way engineering projects. He has been involved with a variety of survey projects including control surveys using GPS and conventional methods boundary resurrection and establishment construction topographic geological monitoring and ALTA surveys.

San Gabriel Boulevard Reconstruction, City of San Gabriel, CA Provided design and construction surveying oversight for the reconstruction of 8 600 linear feet of a four-lane arterial highway. Also included were new storm drains street lighting a new traffic signal street trees and decorative walks at intersections.

Ocean Avenue Improvement, City of Torrance, CA Responsible for the topographic mapping associated with 8 500 linear feet of street reconstruction and 6 750 linear feet of water main replacement on Ocean Avenue Newton Street and Madison Street including pavement rehabilitation strategies storm drains streetscape and public forums.

Imperial Highway Improvement Project, City of Yorba Linda, CA Provided design surveying and right of way engineering oversight and base map development. The project included aerial topographic mapping of approximately 5 miles of Imperial Highway from Rose Drive southeasterly to Santa Ana Canyon Road. Strip topographic mapping was produced along this reach in digital format and in metric units in compliance with Caltrans Standards. Included in the base sheet information was all record right of way property line and ownership information along with supplemental roadway cross section survey data collected using conventional methods for final engineering design. Legal descriptions and plats were then prepared for easement negotiation and acquisition purposes where roadway widening was required.

La Paz Road Improvements, City of Laguna Hills, CA Provided design surveying oversight for asphalt grinding pavement rehabilitation and overlay modification of median islands and median landscaping and irrigation improvements for approximately 11 000 linear feet of roadway.

Oso Parkway Improvements, City of Laguna Hills, CA Provided design surveying oversight for a pavement rehabilitation and overlay project along with median and landscaping for approximately 8 350 linear feet of a high traffic volume roadway with steep gradient.



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Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Chuck Dompier

Civil/Utilities Inspector

Professional Summary

Chuck has over 30 years of experience in public works infrastructure construction and on site construction management/inspection projects. These projects include pavement construction, rehabilitation, conventional and asphalt overlay, slurry seals, concrete structures, storm drain installation, sewer installation, public park and community facility development, grading, traffic signal installation, railroad crossings, striping, landscape and irrigation installation, reinforced concrete walls and block walls. His background includes public works field inspection, construction management, construction supervision, change order processing, schedule tracking, community and multi-agency interface, and municipal bidding processes. Additional specialties include construction site traffic control and staging, work site safety, OSHA compliance, project client liaison, Federal and State agency funding requirements, and community outreach.

- ✓ **30+ Years Public Works On Site Inspection and Construction Management**
- ✓ **Multi Faceted Infrastructure/ Structures Construction**
- ✓ **Successful Multi Agency/ Community Outreach Coordination Track Record**

Relevant Experience

On Call Construction Management, Contra Costa County, CA Construction Manager of four separate roadway reconstruction and sidewalk improvement projects. Projects included a \$5 million overlay and street reconstruction project throughout Contra Costa County. The project consisted of using rubberized asphalt concrete, which required extensive oversight during placement. Oversaw two Public Works Inspectors and an Engineering Technician for the inspection, utility coordination, construction cost analysis, preparation and review of change orders, review of traffic control plans, and public relations with local residents.

Park Road Roadway Improvements, City of Benicia, CA Construction Manager for roadway improvements along Park Road between Adams Street and Oak Road. Improvements included an asphalt concrete overlay of the entire project limit, dig out and repair of approximately 2,500 square feet of pavement, drainage improvements, slope stability, and safety improvements. The project was funded through the State Transportation Improvement Program.

Citywide Roadway Improvements, City of Walnut Creek, CA Construction Manager for citywide roadway improvements, including pavement rehabilitation, overlay, traffic loops, curb and gutter, sidewalk, and ADA ramps along main arterials and residential streets.

Mill Valley Road Rehabilitation, City of Mill Valley, CA Construction Manager for repair to 28 existing City streets as well as grinding of high spots, refilling of cracks, and removal and replacement of bad sections of roadway.

Roadway Improvements, City of Mill Valley, CA Construction Manager for frontage road overlay work, including installation of curbs and gutters, culvert system, and 1 1/2 miles of asphalt overlay.





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Statement of Qualifications

As-Needed Civil Engineering and Construction Management

Shawn Stewart

Civil/Utilities/NPDES Inspector

Professional Summary

Shawn has 22 years of progressive construction management and inspection experience. He has provided inspection for mass grading, rough grade, and utility infrastructure, storm drains, and structures, pedestrian bridges, retaining walls, sidewalks, curbs, and gutters, asphalt concrete channels, parking lots, and underground utilities. He has provided SWPPP training, inspection, and enforcement, as well as guest builder inspections, including R value and street structural section inspections. He specializes in project management, controls, including scheduling, estimating, document control, coordination of testing and inspection services, change orders, payment applications, RFI process, field inspections, and general management. His experience includes work on both public works projects as well as private. Shawn has provided expert management on infrastructure projects, industrial projects, and for buildings, both residential and commercial.

✓ **22 Years of Progressive Construction Management and Inspection Experience**

✓ **Inspector/ Assistant Resident Engineer for 10+ Construction Projects Totaling Over \$30 Million**

Relevant Experience

Various Construction Inspection Projects, City of Murrieta, CA Supervising Inspector responsible for 2004-05 Capital Improvement Projects: all new signaling intersections for residential and commercial areas, coordination and implementation of NPDES training for 9 city inspectors, and enforcement of traffic control. Major projects included the following:

- ✓ Roadway Construction Projects: Murrieta Hot Springs Road Widening and Realignment, Jackson Avenue Relocation and Construction, Jefferson Avenue Widening, Downtown Road Widening, Cal Oaks Interchange Widening
- ✓ Private Development Projects: Lincoln Ranch, Northstar Ranch, Creekside Village
- ✓ Commercial Projects: The Orchard, Margarita Square, Murrieta Spectrum, Murrieta Marketplace

As Supervising Inspector, Shawn trained, implemented, and enforced City standards of inspection. He was also responsible for inspections of all Capital Improvement Projects, representing the Public Works Department's interests. He coordinated with City engineers, project managers, City officials, contractors, and the public to ensure all parties' needs were met. As the Public Works representative for all signalized intersection conversions, Shawn coordinated with the City's traffic engineers, City Manager, and the Public Utilities Commission's contractors on projects involving lane alignment, traffic control, and timing sheets.

As the City's NPDES Coordinator, Shawn oversaw training, implementation, and code enforcement. He trained City employees, developers, and trade partners. This effort was coordinated with both the SRWQCB and the State of California's NPDES officials to ensure that the City was in compliance with all applicable NPDES and AQMD regulations for both Capital Improvement Projects and private development projects. He developed a partnership with the code enforcement officials and developed a protocol for NPDES enforcement to streamline the enforcement process.



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