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October 25, 2021

Board of Directors  
Triunfo Water & Sanitation District  
Ventura County, California

**CONTRACT FOR DESIGN SERVICES FOR THE BELL CANYON SEWER REHABILITATION PROJECT  
CONTRACT NO. T21-006 – PHOENIX CIVIL ENGINEERING, INC.**

**Summary**

Back in February 2021, staff identified two sections of the Triunfo Water & Sanitation District's (District) Bell Canyon main line sewer pipeline in need of rehabilitation. The approximately 1,700 feet of sewer main located on Dapplegray and Saddlebow, just downstream from the wastewater force main discharge connection, showed substantial hydrogen sulfide (H<sub>2</sub>S) deterioration from the force main flows. Elevated H<sub>2</sub>S concentration in the wastewater flow are the result of infrequent grinder pump system cycling which allows the H<sub>2</sub>S gas to develop in pump wet wells. A preliminary design report was completed and the estimated cost of the rehabilitation was included in the Capital Improvement Program for the FY 2021-2022 Adopted Budget.

Staff recently completed a Request for Proposal (RFP) solicitation process for the engineering design services with four (4) local firms. The following two firms responded with their proposals:

- 1) MKN & Associates, Inc.
- 2) Phoenix Civil Engineering, Inc.

Staff performed a comprehensive evaluation of the RFPs (including a phone interview) and selected Phoenix Civil Engineering, Inc. to be the best qualified to assist with this design effort. Staff recommends the Board approve a contract in the amount of \$103,770 with a term ending December 31, 2022 for Phoenix to provide the plans and specifications.

District Legal Counsel has reviewed the respective contract and has approved it as to form and content.

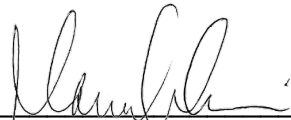
Please contact me at 805-658-4621 or email [marknorris@triunfowsd.com](mailto:marknorris@triunfowsd.com) if you have any questions or need additional information.

**Fiscal Impact**

The \$103,770 cost for these services is included in the CIP portion of the FY2021-2022 Adopted Budget (Project #221912) and will not require a budget adjustment.

**Recommendation**

It is recommended that the Board Authorize the Chair to sign TWSD Contract No. T21-006 for Phoenix Civil Engineering, Inc. for engineering design services for the Bell Canyon Sewer Rehabilitation Project in the amount of \$103,770 with a term to December 31, 2022.

REVIEWED AND APPROVED:   
Mark Norris - General Manager

Attachment: TWSD Contract No. T21-006

**CONTRACT NO. T21-006**

**AGREEMENT FOR CONSULTING SERVICES  
BETWEEN  
TRIUNFO WATER & SANITATION DISTRICT  
AND  
PHOENIX CIVIL ENGINEERING, INC.  
FOR BELL CANYON SEWER REHABILITATION DESIGN SERVICES**

THIS AGREEMENT is made and entered into this 25th day of October 2021, by and between the TRIUNFO WATER & SANITATION DISTRICT, a public agency formed pursuant to California Health & Safety Code Section 4700 et seq., hereinafter "DISTRICT," and PHOENIX CIVIL ENGINEERING, INC., a California Company, hereinafter "CONSULTANT." Together, DISTRICT and CONSULTANT shall be referred to herein as Parties.

**RECITALS**

A. DISTRICT has the need to engage the specialized services of a consultant to provide engineering design services for the Bell Canyon Sewer Rehabilitation Project.

B. DISTRICT has selected CONSULTANT, as most qualified, based on CONSULTANT's response to the District's request for proposals. The District evaluated the firm's experience, the qualifications of the project team and their knowledge and experience with local water and wastewater projects.

C. CONSULTANT represents it possesses the necessary skills and experience to perform the required services and is willing to contract with DISTRICT.

D. The parties enter into this Agreement to set forth their respective rights and obligations.

**AGREEMENT**

**ARTICLE 1: WORK STATEMENT**

A. CONSULTANT shall complete DISTRICT engineering design services for the Bell Canyon Sewer Rehabilitation Project, hereinafter referred to as the "Project." Because the proposed construction method has yet to be determined by CONSULTANT, the work performed may include discrete work assignments that may be part of the larger capital project. A detailed Scope of Work is attached as Exhibit A.

B. CONSULTANT representative shall be Jonathon Turner, Principal Engineer. In the event Jonathon Turner becomes unavailable, CONSULTANT shall immediately designate another representative satisfactory to DISTRICT. CONSULTANT shall use its best efforts in providing services to DISTRICT and shall cooperate with DISTRICT and provide DISTRICT with all available information and assistance in relation to the projects.

C. DISTRICT and CONSULTANT shall discuss design project prior to commencing work under this Agreement. DISTRICT will provide CONSULTANT with a written authorization to proceed (Task Order), which shall include a brief project description, required completion date and the total amount to be

paid for the work. CONSULTANT shall indicate acceptance of the project by signing and returning a copy of the authorization to DISTRICT within five (5) days.

## **ARTICLE 2: TERM OF CONTRACT**

Unless otherwise earlier terminated, this Agreement shall continue in force until the services specified herein have been fully performed. Upon execution of this Agreement by both parties, CONSULTANT shall diligently pursue work to assure completion on a timely basis. Unless otherwise extended in writing by both parties, this contract shall automatically terminate on December 31, 2022.

## **ARTICLE 3: INDEPENDENT CONTRACTOR RELATIONSHIP**

A. It is expressly understood between the parties that no employee/employer relationship is intended, the relationship of CONSULTANT to DISTRICT being that of an independent contractor. DISTRICT shall not be required to make any payroll deductions or provide Workers' Compensation Insurance coverage or health benefits to CONSULTANT.

B. CONSULTANT is solely responsible for selecting the means, methods, and procedures for performing its services hereunder as assigned by DISTRICT and for coordinating all portions of the work so the results will be satisfactory to DISTRICT, but shall not be responsible for the means, methods, and procedures of other consultants. CONSULTANT will supply all tools and instrumentalities required to perform its services under this Agreement.

C. CONSULTANT, pursuant to this Agreement, is rendering professional services only and any payments made to it are compensation solely for such services as it may render and recommendations it may make in the performance of services.

## **ARTICLE 4: COMPLIANCE WITH LAWS**

CONSULTANT shall give any notice to third parties required for CONSULTANT's work. CONSULTANT shall comply with all applicable laws, ordinances, rules, regulations, and lawful orders of any public authority in performing CONSULTANT's work.

## **ARTICLE 5: CONFIDENTIAL RELATIONSHIP/TITLE TO DOCUMENTS**

CONSULTANT agrees that all dealings of the parties under this Agreement shall be confidential and no report, data, information, or communication developed, prepared, or assembled by CONSULTANT under this Agreement, or any information made available to CONSULTANT by DISTRICT, shall be revealed, disseminated, or made available by CONSULTANT to any person or entity other than DISTRICT without the prior written consent of DISTRICT. All data, calculations, drawings, and other documents developed, prepared, completed, or acquired by CONSULTANT during the performance of its services hereunder shall be turned over to DISTRICT upon termination of this Agreement.

## **ARTICLE 6: PAYMENT TO CONSULTANT**

A. In consideration of CONSULTANT's performance of services as described herein, DISTRICT shall pay CONSULTANT fees for its services based on the rates for assigned personnel included in Exhibit A. On or prior to the tenth (10<sup>th</sup>) day of each calendar month after actual work is started, CONSULTANT shall submit an invoice in sufficient detail to show the total amount of work done and materials furnished by CONSULTANT and incorporated into the work to the last day of the month preceding the one in which the invoice is submitted. Such invoice shall include the name and title of each person performing work,

date and brief description of the work performed, number and type of hours worked, and labor rate. DISTRICT shall review and approve CONSULTANT's invoice for accuracy and agree with CONSULTANT on any adjustments that may be appropriate. Such approvals shall not be unreasonably withheld. DISTRICT shall pay CONSULTANT for all approved work and materials within thirty (30) days of agreement on the amount of the invoice. In the event of disagreement with CONSULTANT on adjustments or disallowances, said amounts and disputes shall be withheld until resolved. Upon resolution of the disagreements, payment of the approved amount shall be made within thirty (30) days after deducting therefrom all previous payments and all sums to be retained under the terms of the agreement.

B. Total fees to be paid by DISTRICT to CONSULTANT for CONSULTANT's services described herein shall not exceed \$103,770. Additional services requested outside the scope of this Agreement would require written amendment hereto.

C. No payment made under this Agreement, except the final payment, shall be conclusive evidence of CONSULTANT's performance of the Agreement, either wholly or in part, and no payment shall be construed to be an acceptance of CONSULTANT's services performed. DISTRICT shall provide CONSULTANT with written documentation of completion of work along with final payment.

#### **ARTICLE 7: MODIFICATION**

No change to CONSULTANT billing rate or the contract amount, or to any other provision of this Agreement, may be made except by a written amendment signed by CONSULTANT and DISTRICT. DISTRICT General Manager or his designee shall be authorized to approve changes to this Agreement in a manner consistent with the provisions of District Resolution No. T01-05.

#### **ARTICLE 8: SUSPENSION OR TERMINATION OF CONTRACT**

All work shall be done in a diligent and professional manner to DISTRICT's satisfaction. CONSULTANT specifically acknowledges and agrees that DISTRICT may suspend or terminate CONSULTANT's services at any time with or without cause, regardless of whether Consultant's services are completed. Any termination or any special instructions hereunder from DISTRICT shall be made in writing. In the event of such termination or suspension exceeding three (3) months, CONSULTANT shall have the right to expend additional time to assemble the work in progress for the particular section of work for the purpose of proper filing and closing the job. Such additional time shall not exceed ten (10) percent of the total time expended on the section or sections of work suspended at and to the date of the notice of suspension or termination, and shall not increase CONSULTANT's total compensation beyond the maximum stated in Article 6.

In the event suspension of services exceeds twelve (12) months in duration, CONSULTANT may, by not less than thirty (30) days' written notice, terminate the services as they apply to the suspended portion of the project. In the event this Agreement is terminated by either DISTRICT or CONSULTANT, all reports, specifications and appurtenant data shall be delivered by CONSULTANT to DISTRICT and may be used by DISTRICT.

#### **ARTICLE 9: INDEMNIFICATION AND HOLD HARMLESS**

CONSULTANT agrees to defend, indemnify, and hold harmless DISTRICT and its officers, agents, and employees, from and against any and all liability, damages, costs, losses, claims, and expenses, however caused, resulting directly or indirectly from or connected with CONSULTANT's negligent performance of this Agreement (including, but not limited to, such liability, cost, damage, loss, claim, or expense arising from the death of or injury to, or damage to property of CONSULTANT, DISTRICT, or their respective

employees or agents), except to the extent that such liability, damages, costs, losses, claims, or expenses are caused by the negligent or wrongful acts or omissions of DISTRICT or any of its agents or employees.

#### **ARTICLE 10: INSURANCE**

CONSULTANT shall provide and keep in effect during the term of this Agreement insurance as follows:

A. Workers' Compensation and Employer's Liability in accordance with applicable laws.

B. Comprehensive Commercial Liability policies with combined single limit coverage of not less than \$1,000,000 for any personal injury, death, or property damage.

C. Comprehensive Automobile Liability policies with combined single limit coverage of not less than \$1,000,000 for personal injury, death, or property damage.

D. Errors and Omissions coverage with minimum limits of \$1,000,000 in full force and effect during the life of this contract.

CONSULTANT shall provide certificates of such insurance to DISTRICT prior to the start of work. Said certificates shall specifically provide that: (1) DISTRICT is an additional insured for the coverage in Items B and C above; (2) any other insurance coverage applicable to the loss shall be deemed excess coverage and CONSULTANT's insurance shall be primary for the coverage in Items B and C above; (3) in the event of CONSULTANT's error or omission, CONSULTANT's insurance shall respond for the coverage in Item D above; and (4) such insurance shall not be terminated or canceled without thirty (30) days' prior written notice having been given DISTRICT at its address set forth in this Agreement, except that ten (10) days' written notice shall be acceptable in the case of cancellation for nonpayment.

#### **ARTICLE 11: SUBCONTRACTORS**

This Agreement is a personal services contract, and the consulting work hereunder shall not be delegated or assigned by CONSULTANT to any person or entity without the consent of DISTRICT. Breach of this provision shall be grounds for immediate termination of this Agreement.

#### **ARTICLE 12: AUTHORITY TO EXECUTE CONTRACT**

Both DISTRICT and CONSULTANT do covenant that each individual executing this Agreement is a person duly authorized and empowered to execute Agreements for such party.

#### **ARTICLE 13: DISPUTE RESOLUTION**

In the event that CONSULTANT and DISTRICT have a dispute concerning the payment of sums pursuant to their Contract, the parties agree to be governed by Public Contracts Code Section 20104 et seq. In the event of such dispute, CONSULTANT shall file a written claim with DISTRICT. DISTRICT shall respond in writing within forty-five (45) days, or, within thirty (30) days request additional documentation and respond within fifteen (15) days after said request.

#### **ARTICLE 14: NOTICES**

All notices or other official correspondence relating to contractual matters between the parties shall be made by depositing the same as first-class, postage-paid mail addressed as follows:

To CONSULTANT: Jonathon Turner, PE  
PHOENIX CIVIL ENGINEERING, INC.  
535 East Main Street  
Santa Paula, CA 93060

To DISTRICT: Finance & Administration  
TRIUNFO WATER & SANITATION DISTRICT  
1001 Partridge Drive, Suite 100  
Ventura, CA 93003-0704

or to such other address as either party may designate hereinafter in writing delivered to the other party. All notices shall be deemed to have been received three (3) days after mailing.

**ARTICLE 15: NO WAIVER**

No failure or delay by DISTRICT in asserting any of DISTRICT's rights and remedies as to any default of CONSULTANT shall operate as a waiver of the default, of any subsequent or other default by CONSULTANT, or of any of DISTRICT's rights or remedies. No such delay shall deprive DISTRICT of its right to institute and maintain any action or proceeding which may be necessary to protect, assert, or enforce any rights or remedies arising out of this Agreement or the performance of this Agreement.

**ARTICLE 16: PARTIAL INVALIDITY**

If any term, covenant, condition, or provision of this Agreement is found by a court of competent jurisdiction to be invalid, void, or unenforceable, the remainder of the provisions hereof shall remain in full force and effect, and shall in no way be affected, impaired, or invalidated thereby.

**ARTICLE 17: TERMS**

No alteration or variation of the terms of this Agreement shall be valid unless made in writing and signed by the parties. No oral understanding or agreement not incorporated herein shall be binding on any of the parties.

**ARTICLE 18: INCORPORATION OF RECITALS**

The foregoing recitals are incorporated herein as though fully set forth.

**ARTICLE 19: CALIFORNIA LAW**

This Agreement shall be interpreted and construed pursuant to the laws of the State of California. The parties agree that should litigation arising from this Agreement be commenced within California, such litigation shall occur within a court of competent jurisdiction within the County of Ventura.

**ARTICLE 20: EXECUTION IN COUNTERPARTS**

This Agreement and any amendments hereto may be executed in any number of counterparts, each of which when so executed and delivered shall be deemed to be an original, but all such counterparts shall constitute one and the same Agreement, as may be amended from time to time. Delivery of an executed counterpart of a signature page to this Agreement by facsimile, PDF or other electronic means shall have

the same impact and effect as original counterparts and shall be valid, enforceable and binding.

**IN WITNESS WHEREOF**, the parties hereto have executed this agreement the day and year first above written.

TRIUNFO WATER & SANITATION DISTRICT

PHOENIX CIVIL ENGINEERING, INC.

By \_\_\_\_\_  
Raymond Tjulander  
Chair, Board of Directors

By \_\_\_\_\_  
Jonathon Turner, PE  
Principal

APPROVED AS TO FORM:  
ARNOLD, LaROCHELLE, MATHEWS,  
VANCONAS & ZIRBEL, LLP

By \_\_\_\_\_  
JOHN M. MATHEWS  
Legal Counsel for DISTRICT

ATTEST:

By \_\_\_\_\_  
Fidela Garcia  
Clerk of the Board



**OFFICE**  
535 E MAIN ST  
SANTA PAULA, CA  
93060

**PHONE**  
(805) 658-6800

**EMAIL**  
INFO@PHOENIXCIVIL.COM



# TRIUNFO WATER & SANITATION DISTRICT PROPOSAL FOR BELL CANYON SEWER REHABILITATION PROJECT



**PREPARED FOR:**

**MARK NORRIS, GENERAL MANAGER  
TRIUNFO WATER & SANITATION DISTRICT**

**DATE ISSUED:**

**SEPTEMBER 2021**



# Phoenix Civil Engineering, Inc.

535 East Main Street Santa Paula, California 93060 805.658.6800  
info@phoenixcivil.com www.phoenixcivil.com

Mr. Mark Norris  
General Manager  
Triunfo Water & Sanitation District  
1001 Partridge Drive, Suite 100  
Ventura, CA 93003

September 30, 2021

## **Triunfo Water & Sanitation District – Proposal for Bell Canyon Sewer Rehabilitation Project**

Dear Mr. Norris-

Phoenix Civil Engineering, Inc. (Phoenix Civil) is pleased to provide you with this proposal for professional engineering design and construction management services associated with the Bell Canyon Sewer Rehabilitation Project. Phoenix has the expertise and experience in Wastewater Systems, Sewer Pipeline Replacement and Rehabilitation including, Open-Cut Trench Methods, Pipe Bursting and Cured In-Place Pipe as listed in the request for proposals. This proposal covers the rehabilitation of approximately 1700 linear feet of 8-inch ACP sewer pipe within Saddlebow and Doplegray Roads.

Our experience as design professionals for numerous wastewater projects, including wastewater pipeline replacement and rehabilitation, will provide Triunfo Water & Sanitation District (District) with a thoughtful and thorough design. Phoenix will balance cost and pipeline longevity with the utmost consideration for the community. The Phoenix Team, led by myself, Jon Turner (Principal Engineer), will ensure you will receive an excellent and thorough design package, as well as personalized and swift service. Phoenix Civil has extensive experience as project managers and designers for small and large-scale projects for local Sanitary and Water Districts and Public Agencies. Phoenix Civil has prepared design projects for numerous agencies and has reviewed hundreds of thousands of linear feet of sewer pipeline video. Phoenix has designed and analyzed several projects that have utilized trenchless technologies and open-cut trench pipeline replacement. Through these many projects and CCTV review, Phoenix has the expertise to evaluate and engineer the best design for the District.

I believe that my team will be able to provide you with the most economical and sound sewer rehabilitation design and construction management service. My team includes Benner and Carpenter for surveying and Oakridge Geoscience for the soils in situ materials testing and construction QAP testing and compliance. Our dedicated team is qualified to perform these services. The Phoenix Civil Engineering, Inc., team has decades of combined experience in management and execution of high profile projects and can handle a variety of tasks swiftly and professionally.

We appreciate the opportunity to submit our proposal and look forward to working with you and the District.

Sincerely,

Jon Turner, PE  
Principal Engineer

# Executive Summary

The Triunfo Water & Sanitation District (District) serves approximately 30,000 residents within the southeastern portion of Ventura County. The District owns and maintains the sanitary sewer system throughout Bell Canyon. Through a Technical Memorandum (TM) it has been determined that approximately 1700 linear feet of asbestos cement pipe (ACP) is in need of rehabilitation or replacement. The ACP within Doppplegray and Saddlebow Roads was installed in 1971 and has met its expected lifespan. The TM has shown that there are corrosion issues, broken pipe and general structural issues. The District has requested proposals for design and construction services to prepare plans, specifications and a cost estimate to repair these sections of sanitary sewer pipeline. The TM and CCTV videos will be used as a reference point, but alternate methods will be analyzed.

## About Us

Phoenix Civil Engineering, Inc. is a small firm with big experience. The Phoenix team consists of experienced professionals with decades of combined experience in civil engineering and design. Phoenix Civil consists of two Professional Engineers, a senior designer, technical analyst, administrative staff and a contract designer/drafter. With flexibility and an innovative spirit, we provide swift and personalized service to every client. Our friendly staff is accustomed to working simultaneously with numerous agencies on complex projects and is well prepared to handle just about any engineering challenge. Phoenix employees have provided design and construction management services on projects involving wastewater and water pipeline replacement and rehabilitation, utility design and relocation, pavement design grading, construction cost estimating in accordance with the Association for the Advancement of Cost Engineering (AACE), storm water regulations, AutoCAD design and plan preparation support, and trenchless pipe replacement. Having worked on projects from San Diego County to San Luis Obispo County to the State of Hawaii, we are very familiar with locally and nationally recognized standards and guidelines. Phoenix Civil assists with bid and construction phase services for our design projects, as well as others' projects. We are familiar with the processes associated with advertising for design projects as well as creating and advertising contract bid documents for construction.

## Expertise

As the lead project manager, Jon Turner, PE will act as the liaison between District staff, the design team and the construction crews. Jon Turner has a proven record as a strong leader with the experience to keep every component on track and ensure that communication is happening throughout the team. Jon Turner will be assisted in project management duties by Sarah Watte, PE. Due to our flexible structure we can do whatever it takes to ensure our projects are kept on track and completed in a timely manner.

Phoenix Civil Engineering will be supported by Oakridge Geoscience, Inc. (OGI), a geotechnical and materials testing firm with an office located in Camarillo, CA. OGI is managed by two principal engineering geologists, Ms. Lori Prentice and Mr. Craig Prentice, both with over 30 years



of geologic and geotechnical engineering experience, primarily in central and southern California. OGI provides geotechnical engineering services and construction materials testing for Public Works infrastructure projects. A large percentage of those projects are based here in Ventura County and include federally-funded design and construction projects. OGI currently have on-call contracts with the County of Ventura, City of Thousand Oaks, City of Ventura, Ventura Regional Sanitation District (their preferred provider), Calleguas Municipal Water District, and United Water Conservation District. OGI's project experience includes the spectrum of geotechnical engineering, engineering geology, construction materials testing services, and laboratory testing service elements that may be required by the District for this project. Obtaining sufficient information on the existing conditions underneath the pavement is a necessary step in ensuring that the rehabilitation will be appropriate and long lasting.

The team will also be supported by Benner and Carpenter, Inc, also located in Santa Paula. Benner and Carpenter will obtain the topographic survey of the proposed project sites as well as establish the existing conditions within each road; such as aboveground utilities, curb, gutter and sidewalk, etc. An accurate base map for the proposed improvements is critical to the success of the project during construction. Utilities need to be identified to be relocated, protected, etc. by the contractor. Phoenix will assist the District with the NOE and CEQA process. It is assumed the environmental consultant will be contracted through the District and is not included in this proposal.

## Similar Contracts

Jon is currently working on multiple CIP projects for the City of Thousand Oaks Hill Canyon Treatment Plant. These are all in various stages of completion and his duties have ranged from managing the design consultant to writing RFPs to aiding in contract management for consultants. Additionally, Mr. Turner performed product research, consulted with product manufacturers, reviewed pay requests and prepared contract documents for several projects. In addition to our experience as project managers, Phoenix has designed numerous wastewater related projects. This design experience is invaluable in managing the design and construction effort of other firms or aiding internal design activities. Our Professional Engineers understand what it takes to complete the design timely and on budget.

Phoenix has been working with the City of Santa Paula Public Works Department on multiple wastewater and water pipeline projects as well as pavement rehabilitation projects. Last year Phoenix successfully completed design and managed the construction of the Palm Court Water, Sewer and Pavement Project for the City of Santa Paula. This project involved approximately 1200 linear feet of water and sewer pipeline replacement as well as complete pavement rehabilitation design and construction phase services. In 2019-2020, Phoenix completed ~3 miles of pavement rehabilitation and wastewater pipeline spot repairs throughout the City of Santa Paula. This work also included the installation of new fire hydrants, water valves and manhole replacement and rehabilitation.

We have completed two pipeline rehabilitation projects for Ojai Valley Sanitary District (OVSD). Our OVSD pipeline design for Creek Road involved 760 linear feet of 22-inch diameter high density

polyethylene pipe (HDPE) and was constructed using horizontal directional drilling. Our team was involved in this project from design through construction. Our principal engineer successfully designed the pipeline through environmentally sensitive areas as well as through residential neighborhoods. Phoenix Civil was also the designer and construction manager of the OVSD Santa Ana Lift Station Rehabilitation and Pipeline project. Phoenix Civil has also been the designer and construction manager for the OVSD pipeline rehabilitation projects. Since 2015, Phoenix Civil has designed, managed and reviewed video of almost 70,000 linear feet of completed wastewater Cured In-Place Pipeline lining for the OVSD rehabilitation projects.

Our work with Montecito Sanitary District (MSD) has involved design, bid phase services and construction management for two of the District Sewer Main Rehabilitation CIPP projects, the Miramar Lift Station and Force Main Design Project as well as emergency design and management services. Phoenix Civil designed the ~2300 LF force main and the subgrade lift station and appurtenances that will serve the new Miramar Resort development. During design, Jon Turner was the project manager responsible for coordinating five subconsultants as well as aiding MSD in permitting through the County of Santa Barbara, Southern California Edison and the California Department of Transportation. Phoenix Civil was also the Construction Manager for these two projects.

The MSD sewer main rehabilitation projects involved one on one residential outreach, complex planning due to construction project sites in private easements on multimillion dollar properties, as well as Caltrans and County of Santa Barbara coordination for work in the public right of way. Since 2014, Phoenix Civil has designed and reviewed video of almost 130,000 linear feet of wastewater pipeline for the MSD rehabilitation projects. During the Thomas Fire Debris Flow in Montecito, Jon Turner (Project Manager), was called in to act as the project manager for the Montecito Sanitary District clean up effort to ensure their system was back online without incident. This effort included the securing and management of construction crews, CCTV crews and video review, inspection crews, FEMA contract administration and coordination with District Staff and emergency responders to evaluate, reconstruct and clean approximately 2000 manholes, 4 Lift Stations and about 30 miles of wastewater pipeline. All CCTV video review, field design, CAD mapping and construction work was completed in 5 weeks, without disruption to our current workload.

These are some of the many projects Jon Turner has successfully led through the design, bid and construction phases; his years of experience have provided him with an immense knowledge of contract administration and team coordination.



# RESUMES

# JON TURNER, PE

## Principal/Project Manager



### Fields of Expertise

- Pipeline Design
- Water System Design
- Project Management
- Cost Estimation
- Regulatory Compliance
- Construction Observation
- Project Outreach
- Roads, Trails and Grading

### Education & Experience

- Bachelor of Science Civil Engineering California Polytechnic State University, San Luis Obispo.
- State of California Registered Engineer #C60214
- Qualified SWPPP Developer/Practitioner #00807
- AWWA National Committee on Water Main Rehabilitation, Past Chair
- 2011 and 2014 Engineer of the Year Award, presented by the SBCSDA.
- 11 years with Phoenix Civil Engineering, Inc.

### Phoenix Civil Project Design Experience

- **CMWD-LVMWD Interconnection Project**, Calleguas Municipal Water District, Thousand Oaks, CA. Project Manager/Principal Engineer.
- **Miramar Lift Station and Force Main**, Montecito Sanitary District, Santa Barbara, CA. Project Manager/ Principal Engineer.
- **Pavement Replacement and Rehabilitation Projects**, City of Santa Paula, Santa Paula, CA. Principal Engineer/ Construction Manager.
- **Recycled Water Pipeline and Potable Water Reservoir**, San Simeon Community Services District, San Simeon, CA. Principal Engineer.
- **Arroyo Vista Recreational Trail and Parking Lot**, City of Moorpark, Moorpark, CA. Project Manager/ Principal Engineer.
- **Waterline Relocation Projects**, Ventura River Water District, Ojai, CA. Principal Engineer/Construction Manager.
- **HCTP CI and MI Projects (multiple)**, City of Thousand Oaks, CA. Principal Engineer.
- **Edison and Van Horne Booster Pump Stations**, Goleta Water District, CA. Principal Engineer.
- **Bacara Water Line** Goleta Water District, CA. Principal Engineer/ Project Manager (Construction).
- **Patterson Booster Pump Station** Goleta Water District, CA. Civil Engineer/ Project Manager (Construction).
- **Santa Ana Lift Station Project**, Ojai Valley Sanitary District, Ojai, CA. Principal Engineer (Project Manager from Design through Construction).
- **Santa Ana Force Main Project**, Ojai Valley Sanitary District, Ojai, CA. Principal Engineer/Construction Manager.
- **Sewer Main Rehabilitation Projects**, Montecito Sanitary District, Santa Barbara, CA. Principal Engineer/Construction Manager.
- **Twin Lakes Drainage Project**, Las Virgenes Municipal Water District, Calabasas, CA. Principal Engineer.
- **North Metrolink Parking Lot Expansion**, City of Moorpark, Moorpark, CA. Principal Engineer.
- **Santa Paula Unified School District Agricultural Facility**, Santa Paula, CA. Principal Engineer Design through Construction.

# SARAH WATTE, PE

## Associate Engineer



### • **Fields of Expertise**

- Water Resources
- Water and Wastewater
- Paving and Grading
- Construction Management
- Project Management
- Recycled Water
- Quality Control/Assurance

### • **Education & Experience**

- Bachelor of Science Civil Engineering, University of Pittsburgh.
- State of California Registered Engineer #C88471
- 2015 Art Livingood Award Recipient (Pittsburgh Area Chapter – ACI)
- Over 9 Years with Phoenix Civil Engineering, Inc.

### Phoenix Civil Project Design Experience

- **CMWD-LVMWD Interconnection Project**, Calleguas Municipal Water District, Thousand Oaks, CA. Associate Engineer.
- **Waterline Relocation Projects**, Ventura River Water District, Ojai, CA. Associate Engineer/Construction Manager.
- **Pavement Replacement and Rehabilitation Projects**, City of Santa Paula, Santa Paula, CA. Associate Engineer/Construction Manager.
- **Santa Ana Lift Station Project**, Ojai Valley Sanitary District. Assistant Engineer (Design through Construction).
- **HCTP Chlorine Contact Chamber Project Management**, City of Thousand Oaks, Thousand Oaks CA. Associate Engineer.
- **Edison and Van Horne Booster Pump Stations**, Goleta Water District, CA. Associate Engineer.
- **Bacara Water Line** Goleta Water District, CA. Associate Engineer.
- **Patterson Booster Pump Station** Goleta Water District, CA. Associate Engineer.
- **Valve and Reservoir Audit/CIP Planning** Goleta Water District, CA. Associate Engineer
- **HCTP Digester Analysis Project**, City of Thousand Oaks, Thousand Oaks CA. Associate Engineer.
- **Miramar Lift Station and Force Main**, Montecito Sanitary District, Montecito, CA. Associate Engineer.
- **SSCSD Master Plan Update**, San Simeon Community Services District, San Simeon, CA. Associate Engineer.
- **Sewer Main Rehabilitation Projects**, Montecito Sanitary District, Montecito, CA. Assistant Engineer/Construction Phase Assistance.
- **Sewer Main and Manhole Rehabilitation Projects**, Ojai Valley Sanitary District, Ojai, CA. Assistant Engineer/Construction Phase Assistance.
- **Westlake Blvd. Median Turn Lane**, City of Thousand Oaks, CA. Assistant Engineer.
- **Recycle Water Pipeline and Potable Water Reservoir**, San Simeon Community Services District, San Simeon, CA. Assistant Engineer.



# RESUME

Craig D. Prentice, P.G., C.E.G.

OAKRIDGE GEOSCIENCE, INC.

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**EDUCATION:** BS Geology, University of California, Santa Barbara, 1981

**LICENSES AND CERTIFICATIONS:** Professional Geologist No. 5120, California, 1991  
Certified Engineering Geologist No. 1602, California, 1991  
American Concrete Institute Field Testing Technician - #01364795, previous concrete technician  
Caltrans Certified for soils and asphalt

**PROFESSIONAL HISTORY:** **Principal Engineering Geologist, Oakridge Geoscience, Inc. Camarillo, California, January 2015 to Present**  
**Staff to Principal Engineering Geologist, Fugro Consultants, Ventura, California, May 1986 to January 2015**

**CORE COMPETENCIES:** Mr. Prentice is an ACI certified field testing technician Grade 1 (Certification #01364795) by the American Concrete Institute and is Caltrans Certified for soil and asphalt testing. He provides field testing for soils, aggregate base, asphalt concrete, and concrete.

**RELEVANT PROJECT EXPERIENCE**  
Oakridge Geoscience (Jan 2015 to Present):

**Citywide Railroad Crossing Improvement Project, City of Santa Paula, California – Federal Project Number CML-5121(023).** Construction materials testing services for the \$2M Citywide railroad crossing improvement project.

**2017 Pavement Rehabilitation Project, Ojai, California – Federal Project Number STPL-5251(025).** Construction materials testing services for the \$1.1M pavement rehabilitation project for 10 streets in the City of Ojai.

**Arroyo Vista Park Trail Project, City of Moorpark, California.** Construction materials testing services for the \$1M AVP trail project that includes a new multi-use trail and parking improvements.

**City of Santa Paula 2018 and 2020 Pavement Improvements, Phoenix Civil Engineering.** Pavement coring and construction testing services for multi-street improvement program.

**Ranch Road Improvements, City of Thousand Oaks.** Federally funded bicycle and pedestrian improvement project on Rancho Road at US 101.

**Pleasant Valley Road Bicycle Improvement Project, City of Camarillo.** Federally funded bicycle improvement project for a 1-mile long segment of Pleasant Valley Road.

## Fee Estimate

<b>Bell Canyon Sewer Rehabilitation Project</b>	
<b>Design Phase</b>	
Task 1.1 – Project Management	\$10,260
Task 1.2 – Survey Work	\$17,590
Task 1.3 – Geotechnical	\$20,670
Task 1.4 – PS&E - 30%	\$18,255
Task 1.5 – PS&E - 50%	\$19,650
Task 1.6 – PS&E - 100%	\$17,345
<b>Bid Phase</b>	
Task 2.1 – Bid Support	\$5,550
<b>Construction Phase</b>	
Task 3.1 – Const. Management	\$124,220
<b>Total =</b>	<b>\$233,490</b>

This fee estimates both sites will proceed concurrently and the design selected is open cut pipeline replacement. If CIPP is selected, the fee will be considerably less and will be negotiated with TWSD.

## Rate Schedule



### Professional Services Hourly Rate Sheet 2020-25

#### Engineering

Principal Engineer	\$195
Resident Engineer	\$175
Professional Engineer	\$165
Associate Engineer II	\$155
Associate Engineer I	\$145
Assistant Engineer	\$125

#### CADD

Senior Designer	\$140
Assistant Designer	\$115

#### General

Principal Construction Manager	\$210
Associate Construction Observer	\$165
Technical Assistant	\$95
Clerical/Administrative Assistant	\$65

Costs associated with printing and computer time are calculated in the rates. Large quantities of printing (multiple sets of specifications, reports, etc.) will be billed at the actual rate without markup. Subconsultants will be marked up by 10%.

# CLIENT REFERENCES

## MONTECITO SANITARY DISTRICT

### Key Contact:

Rico Larroude  
1042 Monte Cristo Lane  
Santa Barbara, CA 93108  
Phone: (805)969-4200  
rlarroude@montsan.org

### Key Personnel:

Jon Turner, PE Civil Engineer/Project Manager  
Sarah Watte, PE Associate Engineer  
Ali Smith, Senior Designer  
Roslynn Turner, Asst. Drafter/Technical Assistant



### **Miramar Resort Lift Station and Force Main,**

Montecito Sanitary District, Santa Barbara, CA. Project involved the preliminary design report and design for the ~2300 LF force main and lift station that will serve a new development. The design of the lift station includes a 30-foot-deep dry/wet well structure to house the pump and motor assembly, design of the electrical and mechanical controls, emergency generator and an electrical building. Design through construction. 2016-2019.

**Emergency Management Services- Thomas Fire Debris Flow,** Montecito Sanitary District, Santa Barbara, CA. This effort included management of construction crews, CCTV crews and video review, inspection crews, FEMA contract administration and coordination with District Staff to evaluate, reconstruct and clean approximately 2000 manholes, 4 Lift Stations and about 30 miles of wastewater pipeline. Management of 42 separate site projects involving on site design for pipeline replacement, manhole replacement and cleaning as well as lateral capping. January- March 2018.

**Sewer Main Rehabilitation Projects 2013-16,** Montecito Sanitary District, Santa Barbara, CA. Project involved design, construction management, public outreach and Caltrans coordination for two CIPP projects totaling 130,000 LF throughout Montecito. The projects consisted of 8-, 10- and 12- inch diameter sewer main pipelines located in the public right of way and in private easements using cured in place pipe. Design through construction. 2013-2016.

## OJAI VALLEY SANITARY DISTRICT

### Key Contact:

Liz Dubrin  
1072 Tico Road  
Ojai, CA 93023  
Phone: (805)646-5548  
Liz.dubrin@ojaisan.org

### Key Personnel:

Jon Turner, PE Civil Engineer/Project Manager  
Sarah Watte, PE Associate Engineer  
Ali Smith, Senior Designer  
Roslynn Turner, Asst. Drafter/Technical Assistant



### **Santa Ana Lift Station and Force Main Replacement,** Ojai Valley Sanitary District, Ojai,

CA. Phoenix Civil was responsible for the preliminary design report, design plans, specifications, opinion of probable cost and construction management services through bid and construction phases. Design involved the replacement of 12-inch diameter pipeline and 10-inch diameter wastewater force main, replacement of the existing lift station, discharge piping, pump assemblies and the abandonment of the existing wet well. Design through construction. 2014-2016.

**2015-2020 Sewer Main Rehabilitation Projects,** Ojai Valley Sanitary District, Ojai, CA. Project involved the CCTV inspection, cleaning, and rehabilitation by installation of cured-in-place pipe (CIPP) of 70,000 linear feet of 6-, 8- and 10- inch pipeline in public right-of-way, manhole lining and lateral lining. Design through construction. 2015-2020.

**2019/2020 Pipe Bursting Projects,** Ojai Valley Sanitary District, Ojai, CA. Project involved the preparation of plans, specifications and estimate for approximately 2,900 linear feet of 6-inch diameter VCP sewer main to an 8-inch diameter sewer main. Design through construction. 2019-2020.

**WWTP Drying Bed Modifications,** Ojai Valley Sanitary District, Ojai, CA. Project involved design services for the expansion of the existing drying beds to create an equalization basin. Project Manager- Design through construction. 2015-2016

## GOLETA WATER DISTRICT

### Key Contact:

Dan Brooks, Principal Engineer/Chief Engineer  
4699 Hollister Avenue  
Goleta, CA 93110  
Phone: (805)964-7002  
dbrooks@goletawater.com

### Key Personnel:

Jon Turner, PE Civil Engineer/Project Manager  
Sarah Watte, PE Associate Engineer  
Ali Smith, Senior Designer  
Roslynn Turner, Asst. Drafter/Technical Assistant



**Edison and Vanhorne Booster Pumps**, Goleta Water District, Goleta, CA. Project involved evaluation of hydraulic conditions, construction of system head curves, preparation of technical specifications, plans, a cost estimate, bidding assistance and construction phase services. 2018-2020.

**Corona Reservoir PS**, Goleta Water District, Goleta, CA. Project involved the design of the pump discharge pipe manifold to connect pumps to the 6- and 16-inch diameter pump discharge pipes and 6-inch diameter pipeline crossing of the COMB South Coast Conduit. 2018-2020.

**Barger Reservoir Pipeline Relocation Project**, Goleta Water District, Goleta, CA. Project involved the design of 14-inch diameter pipeline relocation due to slope failures near the District's water storage tank. Design included road modifications, drainage system modifications as well as the pipeline realignment. 2017.

## CITY OF SANTA PAULA

### Key Contact:

Clete Saunier, PE Public Works Director  
866 E Main St  
Santa Paula, CA 93060  
Phone: (805)933-4212  
csaunier@spcity.org

### Key Personnel:

Jon Turner, PE Civil Engineer/Project Manager  
Sarah Watte, PE Associate Engineer  
Ali Smith, Senior Designer  
Roslynn Turner, Asst. Drafter/Technical Assistant



**Palm Court Sewer and Waterline Replacement and Paving Project**, City of Santa Paula, Santa Paula, CA. Project involves the preparation of design plans and specifications for the replacement of ~1650 linear feet of sanitary sewer pipeline and ~1750 linear feet of potable water pipeline as well as pavement replacement for the entire street. Principal Engineer/Associate Engineer/Senior Designer/Assistant Drafter. Design through construction. 2019-20.

**2019-20 Pavement Slurry Seal and Rehabilitation Project**, City of Santa Paula, Santa Paula, CA. Project involves the preparation of design plans and specifications for the pavement slurry seal and rehabilitation of ~4 miles of streets in the City of Santa Paula. Waterline and wastewater line repairs will also be designed to take place simultaneously. Principal Engineer/Associate Engineer/Senior Designer/Assistant Drafter. Design through construction. 2019-2020.

**2018-2019 Pavement Slurry Seal and Rehabilitation Project**, City of Santa Paula, Santa Paula, CA. Project involves the preparation of design plans and specifications for the pavement slurry seal and rehabilitation of 14 streets in the City of Santa Paula. Principal Engineer/Associate Engineer/Senior Designer/Assistant Drafter. Design through construction. 2018-2019.

**2017-2019 On-Call Projects**, City of Santa Paula, Santa Paula, CA. Projects involved plan check review, opinions of probable construction cost, assistance with operational plans, assistance with project construction inspection, and capital projects management assistance as needed. Principal Engineer/Associate Engineer/Senior Designer/Assistant Drafter. Ongoing as needed. 2017-2019.

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