


Agenda Report Reviewed by:  
City Manager: 

CITY OF SEBASTOPOL  
CITY COUNCIL  
AGENDA ITEM

**Meeting Date:** June 20, 2023  
**To:** Honorable Mayor and City Councilmembers  
**From:** Larry McLaughlin, City Manager  
**Subject:** Master Agreement with Green Valley Consulting Engineers  
**Recommendation:** Approval of Master Agreement with Green Valley Consulting Engineers and Approval of Cost Proposals for Construction Management Services for a) Bodega Avenue Bike Lanes and Rehab Phase 1 project; and b) SR 116 Curb Ramps and Crosswalk Safety Improvements project  
**Funding:** Currently Budgeted:  Yes  No  N/A

Account Code/Costs authorized in City Approved Budget (if applicable) AK (verified by Administrative Services Department)

**INTRODUCTION/PURPOSE:**

The item is for approval of the Master Agreement 2023-01-01 with Green Valley Consulting Engineers, for engineering services and approval of cost proposals for:

- a) Construction management services for Bodega Avenue Bike Lanes and Rehab Phase 1 project (CIP #0513-74.09) for amount not to exceed \$115,915; and
- b) Construction management services for SR 116 Curb Ramps and Crosswalk Safety Improvements project (CIP #1000-19.01) for amount not to exceed \$55,345.

**BACKGROUND AND DISCUSSION:**

Green Valley Consulting Engineers is on the City’s Prequalified Consultants List with a fully executed Master Agreement. However, the City inadvertently let their Master Agreement term lapse in 2022 and staff is requesting approval of a new Master Agreement and extend the term of the agreement to 2026 (Attachment 1).

A Request for Proposal (RFP) for Federal-aid transportation projects was released with proposals due on May 25, 2023. There are two federal-aid (grant) projects recently bid and awarded, namely, the Bodega Avenue Bike Lanes and Pavement Rehab Phase 1 project; and the SR 116 Curb Ramps and Crosswalk Safety Improvements at Bodega/Florence and Bodega/Robinson project. Both projects are receiving federal grant funding. Both projects need a construction management team to perform construction management, inspection and materials testing services.

RFPs were sent to five engineering firms on the City’s Prequalified Consultants List and of the five, only Green Valley Consulting Engineers submitted a proposal (Attachment 2). Staff has reviewed the proposal for Green Valley Consulting Engineers and recommends they be selected to perform the work based on their qualifications and ability to do the work. City staff interviewed Green Valley on June 14, 2023 and has determined that based on their Proposal submitted and their interview, that Green Valley be selected to perform the construction management services.

Staff has reviewed the cost proposals submitted by Green Valley Consulting Engineers for the two projects and found them to be reasonable and within standard cost range for construction management services.

**GOALS:**

This action supports the following City Council Goals and General Plan Actions:

- Goal 2 - Maintain, Improve and Invest in the City's Infrastructure (Water, Sewer, Streets, Circulation, Parks, Storm Drains and Public Facilities).

**ENVIRONMENTAL ANALYSIS:**

Both Projects occur within existing right of way and involves the repair and maintenance of existing public facilities with negligible or no expansion of use, and the addition of bicycle facilities including bicycle-sharing and bicycle lanes, and pedestrian crossings, and therefore is exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines 15301(c), 15304(f) and 15304(h). A Notice of Exemption prepared for the projects have been approved by the Planning Director and filed with the County Clerk.

In addition, in accordance with Federal Highway Administration (FHWA) requirements for use federal highway funds the projects must follow the National Environmental Policy Act (NEPA) and other applicable federal environmentally related laws. Pursuant to federal code and agreement with the FHWA, Caltrans carried out its responsibility and determined the projects are Categorical Exclusion under Title 23 of the Code of Federal Regulations, Section 771.117(c)(26), which includes activities of modernization of a highway by resurfacing, restoration, rehabilitation, reconstruction, adding shoulders, or adding auxiliary lanes.

**PUBLIC COMMENT:**

As of the writing of this staff report, the City has not received any public comment. However, staff anticipates receiving public comment from interested parties following the publication and distribution of this staff report. Such comments will be provided to the City Council as supplemental materials before or at the meeting. In addition, public comments may be offered during the public comment portion of the agenda item.

**PUBLIC NOTICE:**

This item was noticed in accordance with the Ralph M. Brown Act and was available for public viewing and review at least 72 hours prior to schedule meeting date.

**FISCAL IMPACT:**

For the Bodega Avenue phase 1 project, the adopted Fiscal Year 2022-23 CIP budget includes a combined amount of \$1,235,000 for the construction, inspection, construction/project management in Measure M Transportation Fund, and Pavement Fund (federal OBAG2 grant). There is sufficient budget for the cost proposal from Green Valley Consulting Engineers (Attachment 3).

For the SR 116 project, the adopted Fiscal Year 2022-23 CIP budget includes a combined amount of \$898,230 for the construction, inspection, construction/project management in "Quick Strike" federal grant, TDA 3 grant, traffic impact fee fund, and SB 1 road maintenance funds. There is sufficient budget for the cost proposal from Green Valley Consulting Engineers (Attachment 4).

**RECOMMENDATION:**

Staff recommends approval of the Master Agreement 2023-01-01 with Green Valley Consulting Engineers, for engineering services and approval of cost proposals from Green Valley Consulting Engineers for:

- a) Construction management services for Bodega Avenue Bike Lanes and Rehab Phase 1 project (CIP #0513-74.09) for amount not to exceed \$115,915; and

- b) Construction management services for SR 116 Curb Ramps and Crosswalk Safety Improvements project (CIP #1000-19.01) for amount not to exceed \$55,345.

**Attachments:**

- 1 – Master Agreement 2023-01-01
- 2 – Green Valley Proposal for Federal-Aid Transportation Projects
- 3 – Cost Proposal for Construction Management Services for Bodega Ave. Bike Lanes and Pavement Rehab Phase 1 project
- 4– Cost Proposal for Construction Management Services for SR 116 Curb Ramps and Crosswalk Safety Improvements project

**CITY OF SEBASTOPOL  
CONTRACT NO. 2023-01-01  
MASTER AGREEMENT FOR ENGINEERING CONSULTING SERVICES  
Green Valley Consulting Engineers**

THIS AGREEMENT made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2023 by and between the City of Sebastopol, a municipal corporation located in the County of Sonoma, State of California, hereinafter referred collectively to as "CITY" and **Green Valley Consulting Engineers**, a California Corporation with principal offices at 335 Tesconi Circle, Santa Rosa, CA 95401 hereinafter referred to as "CONSULTANT",

WITNESSETH

WHEREAS, CITY has the need for On-Call Engineering services; and

WHEREAS, CITY desires to contract for such services with a private consultant; and

WHEREAS, CONSULTANT is experienced in providing such services for municipal corporations and is able to provide personnel with the proper experience and background to carry out the duties involved; and

WHEREAS CITY wishes to retain CONSULTANT for the performance of said services;

NOW, THEREFORE, in consideration of the mutual covenants, benefits, and premises herein stated, the parties hereto agree as follows:

CITY, pursuant to the authority set forth at Government Code Section 36505, does hereby appoint CONSULTANT, in a contractual capacity, to perform the following services on an "on call, as needed" basis, in accordance with the terms and conditions hereinafter set forth;

The type of Engineering or other services to be provided include:

- **Construction Management**
- **Civil – Grading and Drainage,**
- **Civil – Streets**
- **Civil – Utilities (Water, Wastewater, Stormwater)**
- **Land Surveyors, Mapping, Construction Staking**
- **Bike and Ped Facilities**
- **Stormwater Management, Hydrology, SWPPP**

1) **CAPITAL PROJECTS** - As assigned, pursuant to approval of scope of work and fee proposal by the City Council, perform services which may include but are not necessarily limited to the following:

- a) Preliminary Engineering: Prepare alternatives analyses, preliminary layouts, surveying, geotechnical services, and estimates of probable cost.



- b) Permits: Assist the City in obtaining approvals and permits from various agencies, including CALTRANS, Regional Water Quality Control Board, US Army Corps of Engineers, CA Department of Fish and Game, etc.
- c) Construction Documents: Prepare engineering calculations and designs, plans, specifications, cost estimates, and contract bidding documents.
- d) Bidding Assistance: Assist the City with technical support during bidding phase for public contracts, attend pre-bid conferences and job walks, perform construct-ability review of other firms or own plans and specifications, prepare addenda, analyze bids, and recommend award.
- e) Construction Support/Construction Management: Attend pre-construction conferences; monitor construction schedule, visit construction site as required for progress and quality of work evaluation. Assist City with interpretation of the plans and specifications, analysis of changed conditions, development of corrective action, review of shop drawings and other submittals, and the review and negotiation of change orders.

2) **OTHER MISCELLANEOUS SERVICES** - CITY may from time-to-time have the need for other services not specifically listed in this agreement for which CONSULTANT has the necessary experience and capabilities to provide. CITY may authorize CONSULTANT to perform such selected services on an as-needed basis.

### 3) **PROJECT ASSIGNMENTS**

- a) the City may from time to time during the term of this agreement, solicit proposals from CONSULTANT for various City projects. Individual project assignments will be awarded by amendments to this agreement, concurrent with the term of the master contract.
- b) The City will award contract amendments for each project based upon a scope of services, work schedule, and fee proposal submitted to the City on request, and subject to approval by the City Council. For any given project, the City may elect to contract with more than one consultant based upon their field of expertise.
- c) Consultants are also encouraged to team with other pre-qualified consultants on project proposals where multiple disciplines are required.

4) **RECORDS** All records produced by CONSULTANT during the course of your work under this agreement are and at all times shall remain the property of the CITY. CONSULTANT shall assemble these records in an orderly fashion and store same, for at least three years, in a mutually agreed upon location so that they may be reasonably available to the public or to the officials of CITY as required. Copies of records shall be provided to the City from time to time, as requested.

5) **TERMINATION** - This Master Agreement may be terminated at will by either party with or without cause upon 30 days written notice.

### 6) **GENERAL CONDITIONS**

- a) CITY shall not be called upon to assume any liability for the direct payment of any salary, wage or other compensation to any person employed by CONSULTANT performing services hereunder for CITY.

- b) All documents, including but not limited to plans and specifications, prepared by CONSULTANT are instruments of services, only. They are not intended nor represented to be suitable for reuse on extensions of this project or any other project. Any reuse without specific permission by CONSULTANT shall be at the user's sole risk. CITY hereto agrees to save, keep, and hold harmless CONSULTANT from all damages, costs or expenses in law and equity including costs of suit and attorney's fees resulting from such reuse.
  - c) CONSULTANT agrees to save, keep, hold harmless and indemnify CITY and its officers, and employees from all damages, in law and equity caused by any negligent act or omission to act on the part of CONSULTANT or any of its officers, employees or subcontractors. CITY shall save, keep, hold harmless indemnify CONSULTANT from all damages suffered in the performance of the authorized by this Agreement that are not the result of wrongful acts of the CONSULTANT, its officers, employees, or subcontractors.
  - d) CONSULTANT shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the CONSULTANT, his agents, representatives, or employees. Refer to Exhibit "A", INSURANCE REQUIREMENTS FOR CONSULTANTS, attached hereto and thereby made a part of this contract.
- 7) **NOTICES** - For purposes hereof, unless otherwise provided in writing by the parties hereto, the address of the CITY and the proper person to receive any notice on the CITY'S behalf is:

Engineering Department  
City of Sebastopol  
714 Johnson St.  
Sebastopol, CA 95472

For the purposes hereto, unless otherwise provided in writing by the parties hereto, the address of CONSULTANT and the proper person to receive any notice on the CONSULTANT'S behalf is:

Liz Ellis, PE  
Green Valley Consulting Engineers  
335 Tesconi Circle  
Santa Rosa, CA, 95401

- 8) **ARBITRATION** - All claims, disputes, and other matters in question between the parties to this AGREEMENT, or breach thereof, may be decided by arbitration in accordance with the then-most current rules of the American Arbitration Association, if the parties mutually agree.
- 9) **MISCELLANEOUS**
- a) The titles used in this agreement are for general reference only and are not a part of the Agreement.

- b) This Agreement shall be interpreted as though prepared by both parties.
- c) Any provision of this agreement held to violate any law shall not invalidate the remainder of this Agreement.
- d) This Agreement shall be interpreted under the laws of the State of California.

10) TERM OF AGREEMENT – This Agreement shall remain in effect for an initial term of 3 (three) years. Extensions of the agreement may be made upon mutual agreement of the parties hereto.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by the duly authorized officers the day and year first above written in this Agreement.

CITY OF SEBASTOPOL

CONSULTANT  
GREEN VALLEY CONSULTING  
ENGINEERS

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Larry McLaughlin, City Manager

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Liz Ellis, PE



**EXHIBIT A**  
**City of Sebastopol**  
**Insurance Requirements for Consultants**

Consultant shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Consultant, its agents, representatives, or employees.

**MINIMUM SCOPE AND LIMIT OF INSURANCE**

Coverage shall be at least as broad as:

1. Commercial General Liability (CGL): Insurance Services Office Form CG 00 01 covering CGL on an “occurrence” basis, including products and completed operations, property damage, bodily injury, and personal & advertising injury with limits no less than \$2,000,000 per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (ISO CG 25 03 or 25 04) or the general aggregate limit shall be twice the required occurrence limit.
2. Automobile Liability: Insurance Services Office Form Number CA 0001 covering, Code 1 (any auto), or if Consultant has no owned autos, Code 8 (hired) and 9 (non-owned), with limit no less than \$1,000,000 per accident for bodily injury and property damage.
3. Workers’ Compensation insurance, as required by the State of California, with Statutory Limits, and Employer’s Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease.  
 (Not required if consultant provides written verification that it has no employees)
4. Professional Liability (Errors and Omissions) Insurance appropriate to the Consultant’s profession, with limit no less than \$2,000,000 per occurrence or claim, \$2,000,000 aggregate. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work. Insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of the contract of work. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a Retroactive Date prior to the contract effective date, the Consultant must purchase “extended reporting” coverage for a minimum of five (5) years after completion of contract work. A copy of the claims reporting requirements must be submitted to the City of Sebastopol for review.  
 If the Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City of Sebastopol requires, and shall be entitled to, the broader coverage and/or higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City of Sebastopol.

**Other Insurance Provisions**

The insurance policies are to contain, or be endorsed to contain, the following provisions:

The City of Sebastopol, its officers, officials, employees, and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the Consultant including materials, parts, or equipment furnished in connection with such work or operations.

General liability coverage can be provided in the form of an endorsement to the Consultant’s insurance at least as broad as one of the following ISO ongoing operations Forms: CG 20 10 or CG 20 26 or CG 20 33 (not allowed from subcontractors), or CG 20 38; **and** one of the following ISO completed operations Forms: CG 20 37, 2039 (not allowed from subcontractors), or CG 20 40.

**Primary Coverage**

For any claims related to this contract, the Consultant's insurance coverage shall be primary insurance coverage at least as broad as ISO CG 20 01 04 13 as respects the City of Sebastopol, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the City of Sebastopol, its officers, officials, employees, or volunteers shall be excess of the Consultant's insurance and shall not contribute with it.

**Notice of Cancellation**

Consultant shall provide immediate written notice if (1) any of the required insurance policies is terminated; (2) the limits of any of the required policies are reduced; (3) or the deductible or self-insured retention is increased. In the event of any cancellation or reduction in coverage or limits of any insurance, Consultant shall forthwith obtain and submit proof of substitute insurance.

**Waiver of Subrogation**

Consultant hereby grants to the City of Sebastopol a waiver of any right to subrogation which any insurer of said Consultant may acquire against the City of Sebastopol by virtue of the payment of any loss under such insurance. Consultant agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the City of Sebastopol has received a waiver of subrogation endorsement from the insurer. However, the Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the City of Sebastopol for all work performed by the Contractor, its employees, agents, and subcontractors.

**Self-Insured Retentions**

Self-insured retentions must be declared to and approved by the City of Sebastopol. The City of Sebastopol may require the Consultant to provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or the City of Sebastopol.

**Acceptability of Insurers**

Insurance is to be placed with insurers authorized to conduct business in the state with a current A.M. Best's rating of no less than A:VII, unless otherwise acceptable to the City of Sebastopol.

**Verification of Coverage**

Consultant shall furnish the City of Sebastopol with original Certificates of Insurance including all required amendatory endorsements (or copies of the applicable policy language effecting coverage required by this clause) and a copy of the Declarations and Endorsement Page of the CGL policy listing all policy endorsements to the City of Sebastopol before work begins. However, failure to obtain the required documents prior to the work beginning shall not waive the Consultant's obligation to provide them. The City of Sebastopol reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.

**Subcontractors**

Consultant shall require and verify that all subcontractors maintain insurance, meeting all the requirements stated herein, and Contractor shall ensure that the City of Sebastopol is an additional insured on insurance required from subcontractors.

**Special Risks or Circumstances**

The City of Sebastopol reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances.

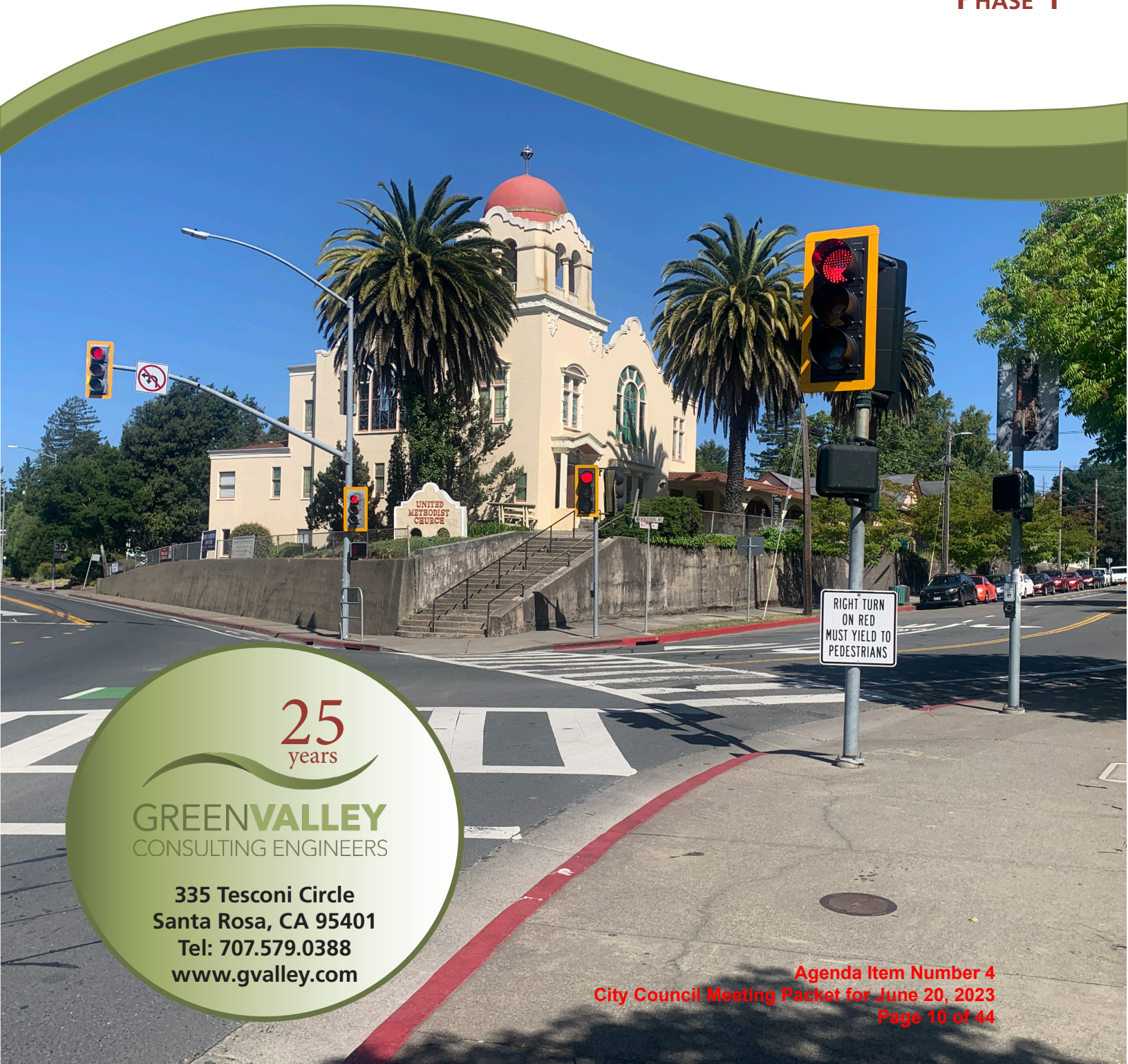




# PROPOSAL FOR ON-CALL INSPECTION SERVICES FOR FEDERAL AID CAPITAL PROJECTS

FOR

## STATE ROUTE 116 & BODEGA AVENUE PEDESTRIAN IMPROVEMENTS BODEGA AVENUE BIKE LANES & PAVEMENT REHABILITATION PHASE 1



**25**  
years

**GREENVALLEY**  
CONSULTING ENGINEERS

335 Tesconi Circle  
Santa Rosa, CA 95401  
Tel: 707.579.0388  
www.gvalley.com



May 25, 2023

Attn: Reyna Ramirez  
Sebastopol Public Works  
714 Johnson St.  
Sebastopol, CA 95472

**Re: RFP for CM Services For-Federal Aid Capital Improvements Projects**

Dear Reyna:

This proposal issued by the City is for CM and inspection services for 2 CIP projects that have federal funding involved. These 2 projects are very typical of the work that the staff of Green Valley manage during the construction phase. We are experienced with federal funding requirements and understand the strict oversight we need to work under to satisfy the District 4 personnel.

We have the capabilities to manage both projects simultaneously and have worked with both Contractors for well over a decade. The State Route 116 project will need to be coordinated with another CIP project that the City is constructing this summer for the ped ramp work at Robinson Rd.

The *State Route 116 & Bodega Ave Pedestrian Improvements Project* will have significant traffic control measures that will need enforced for both vehicle and pedestrian safety and the public outreach along the limits will be substantial. Our firm excels in public outreach and on this job, we would be going house to house giving residents a flyer on exactly what the job will entail and when it will happen.

The *Bodega Ave. Bike Lane and Pavement Rehabilitation Project* also has significant traffic volumes that will need to be monitored and re-routed as available.

With a Caltrans certified CM heading our team – Jason Balatti, we can ensure the City that we understand the significance of documentation, proper paperwork, checking every single quantity twice and most important – constant and on-going communication between our team and Caltrans, our team and the City and our team and the residents.

We can't tell you that we will manage your Projects to the level you need, we can only show you – and for that, we ask for the opportunity! We would not be in business after 27 years providing these services if we did not provide excellent services to our clients.

If you require additional information on this proposal or have questions specific to our proposed team, please do not hesitate to contact me. We have reviewed and understand the contract terms and scope of services as detailed in the RFP.

Regards:



Liz Ellis, P.E

C050830

# TABLE OF CONTENTS

ABOUT YOUR GREEN VALLEY TEAM

PROJECT TEAM QUALIFICATIONS

REFERENCES AND PROJECT DESCRIPTIONS

PROJECT APPROACH AND UNDERSTANDING

COST PROPOSAL

APPENDIX

RESUMES





## GREEN VALLEY CONSULTING ENGINEERS

Our company slogan "Restoring Yesterday, Creating Tomorrow" aptly reflects the philosophy here at Green Valley Consulting Engineers (Green Valley). We are passionate about enriching and enhancing the communities in which we live, work and play. We are a comprehensive Civil Engineering, Land Surveying, and Construction Management and Inspection firm founded in 1997 by Principal Liz Ellis. Located in Santa Rosa, California, Green Valley is comprised of a staff of over twenty-five engineers, technicians, surveying and construction management personnel. We are a staff dedicated to quality, innovation and efficiency, resulting in numerous industry awards.



## MUNICIPAL ENGINEERING...

is the foundation and central focus of our firm. Our exhaustive and broad breadth of experience gives us a unique understanding of public agency needs, objectives and the impacts that each decision, be it in planning or design, can have on the community. Our services range from master planning, feasibility studies and community action documents to detailed design services and implementation via our construction management/inspection team. We act as City Engineer and Program Manager and provide third-party plan checking, funding and grant assistance, and design review services to a number of local municipalities.

## SMALL FIRM BENEFITS WITH LARGE FIRM EXPERIENCE

Green Valley offers small firm benefits with large firm experience. We are able to offer turn-key services for our clients from the initial topographic mapping services through the construction management/inspection of a project. Your project will always be managed by experienced senior staff; you can be assured that by selecting Green Valley that your project will not get lost in the corporate shuffle.

## TOGETHER WE MAKE A DIFFERENCE

With our unwavering commitment to supporting the communities in which we live, work, and play, Green Valley makes sure to set aside as much as we can every month to support local non-profits. You can find us donating our services, donating supplies and money to local animal shelters, lending a hand at the local food bank, or making a financial contribution to a non-profit in need. It is our way of giving back to our local community and saying thank you!

about us

### >> AT A GLANCE . . .

#### THE FIRM:

- Founded in 1997
- President: Liz Ellis, P.E.
- Number of Employees: 30
- Location: Santa Rosa, California

#### SERVICES OFFERED:

- Construction Management & Inspection
- Civil and Municipal Engineering Design
- Program & Project Management
- Permit Plan Review
- Land Surveying
- Administration & Technical Support

#### PARTIAL LIST OF CLIENTS:

- Cities of Santa Rosa, Rohnert Park, Sebastopol, Petaluma, Cotati, Healdsburg, Vallejo, Ukiah, Fort Bragg, Clearlake
- Town of Windsor
- Sonoma County Regional Parks
- Counties of Sonoma, Marin, Lake
- Sonoma County Water Agency

#### CONTACT

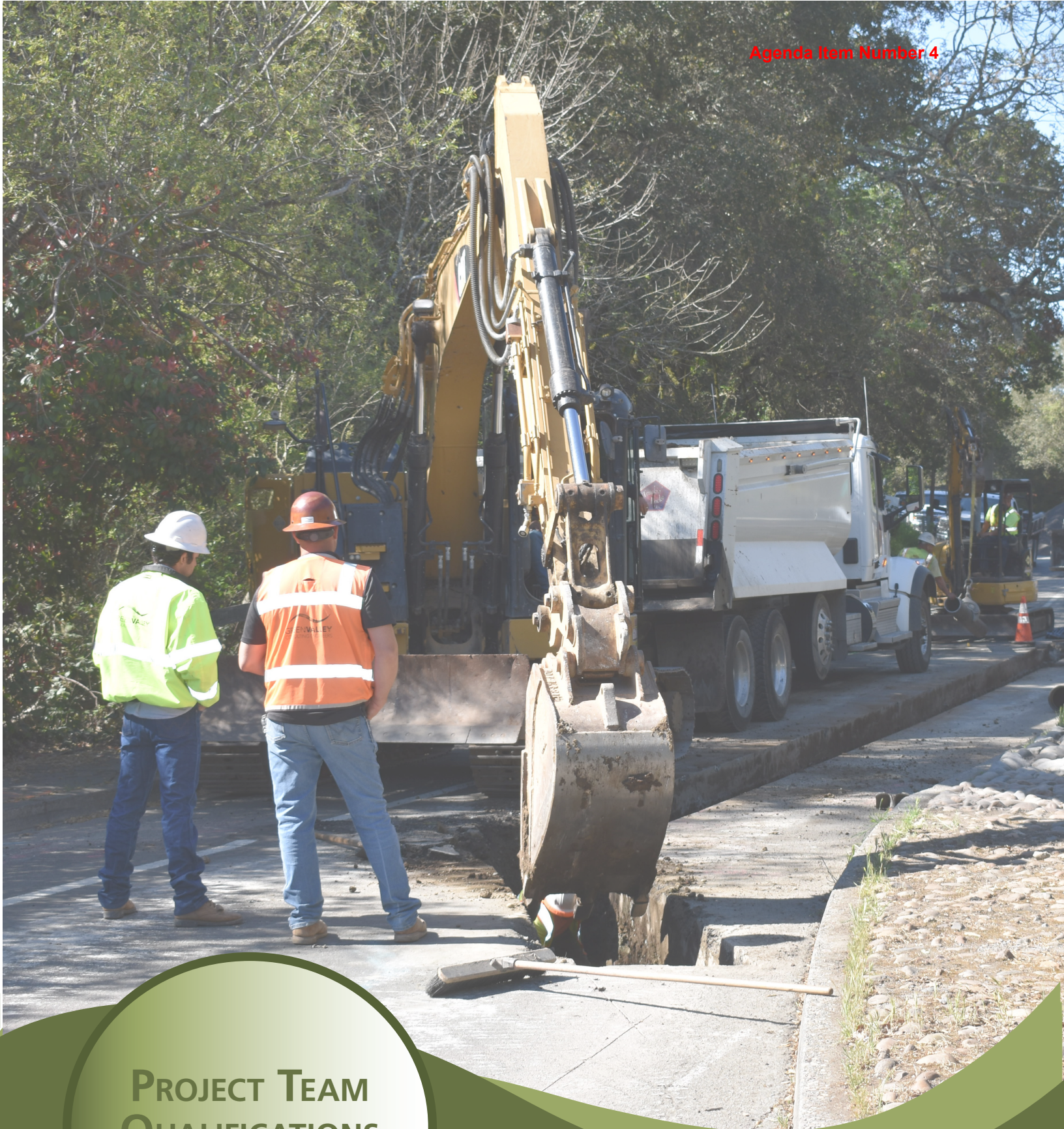
Liz Ellis, P.E.  
*Principal*  
 335 Tesconi Circle  
 Santa Rosa, CA 95401  
 tel: 707.579.0388  
 cell: 707.326.5620  
 e-mail: [lizellis@gvalley.com](mailto:lizellis@gvalley.com)

For more information on Green Valley, our employees and services, visit our website:

[www.gvalley.com](http://www.gvalley.com)







# PROJECT TEAM QUALIFICATIONS





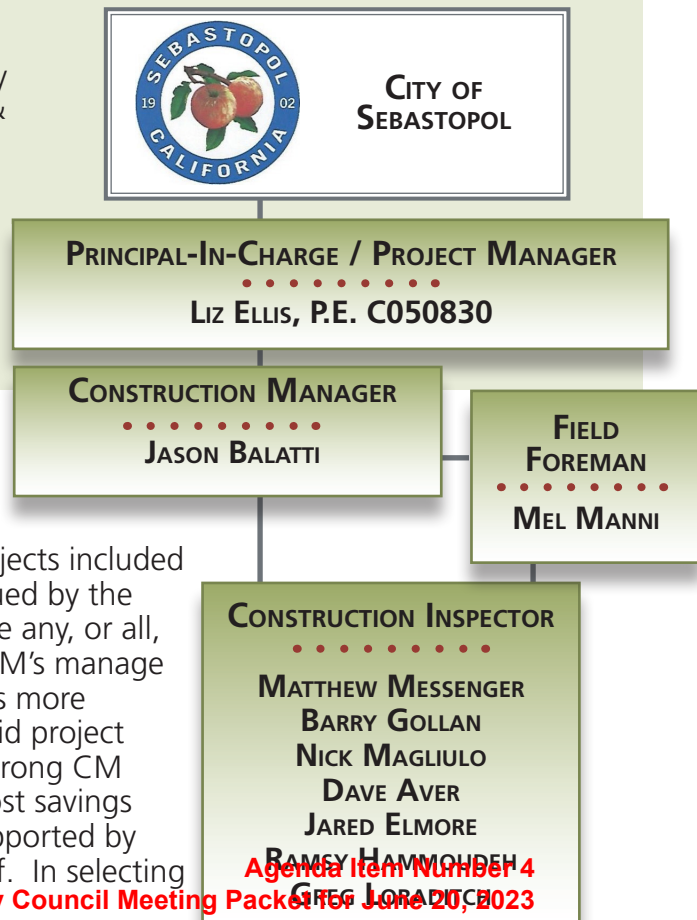
## COMPETENCE, TECHNICAL ABILITY, AND EXPERIENCE

Green Valley is committing our most senior and skilled Construction Manager (CM), Jason Balatti to the City for the Federal Aid CIP projects listed in this proposal and backing him with several of our go-to inspectors for known for their utility infrastructure experience. **Jason is a Caltrans certified RE and extremely familiar with their recordkeeping methods and able to go thru audits for the City on project close-out.** We work exclusively for public agencies, which allows our team to develop the knowledge base and skill set to deliver CIP projects that range from minor neighborhood ADA upgrades of pedestrian ramps to multi-million-dollar road widenings and utility upgrade projects. We stay current on the various means and methods used to construct civil infrastructure and the new releases of Caltrans standards and special provisions.

- ▶ In selecting our team, we considered several qualifications that will be essential for project success:
- » Inspection and documentation of daily work based on both the City’s Construction Management and Inspection Services Terms for Capital Improvement Projects as outlined in the issued RFP AND the Caltrans Local Assistant Procedures Manual (LAPM)
  - » Construction management and inspection experience with similar underground improvements and concrete flatwork improvements
  - » Strong working relationships with permitting agencies, local Contractors, and our clients as pertains to **funding** and permitting.
  - » Significant experience and understanding of how publicly bid projects are constructed and administered.
  - » Expertise in Traffic control measures and signal improvements as well as working in heavily traveled thoroughfares (residential and commercial) – especially needed on projects such as the State Route (SR) 116 & Bodega Avenue Pedestrian Improvements (CIP Project #1000- 19.01)
  - » Proven and proactive, as well as unique methods of public outreach to reach those directly impacted by the construction and sensitivity to community concerns.
  - » Effective and dynamic communication with all parties

## TEAM MEMBER’S EXPERIENCE

The following is our organization chart that indicates the primary Construction Manager (CM) for any of the two projects included within the On-Call Inspection – Federal Aid Projects RFP issued by the City. Also listed are other GVCE CM’s who can also manage any, or all, of the proposed projects. It is important to note that our CM’s manage several projects for their clients at any one time and Jason is more than able to manage all 3 projects from the NON-Federal Aid project list as well as these 2 Federal Aid with the backing of our strong CM support staff. Managing more than 1 actually allows for cost savings and efficiency with the City budgets. Our CM(s) will be supported by experienced construction inspectors and office support staff. In selecting





this team, we considered their expertise in underground utilities, and concrete flatwork, as well as experience working in environmentally sensitive surroundings.

We anticipate the need for a part-time CM, a full-time inspector and support staff on an as-needed basis for each project that is assigned to our team. We will provide any needed materials testing or oversight by our subconsultant RGH Engineers. If labor compliance help is requested, we will provide these services via a subconsultant. We have highlighted key team members below for your review while detailed resumes for our team can be found in the Appendix.

## **PROJECT MANAGER**



### **Liz Ellis, P.E. Senior Project/Contract Manager (C050830)**

Liz will be your Project/Contract Manager for this contract. She is a licensed Civil Engineer with over 25 years of municipal infrastructure experience. As Principal-in-Charge of Green Valley, Liz will bring you the commitment and project ownership she brings to all Green Valley assignments. She is passionate about excelling in her career and business and, more recently, the construction side of public infrastructure. She works closely with Agencies throughout Northern California to meet their changing needs and requirements. In addition, she will bring her usual enthusiasm and positive attitude to this team to ensure another successful Project for the City!

She and Green Valley have extensive experience in responding to emergencies that require coordination with various permitting agencies and have extensive experience obtaining all regulatory permits and approvals from Caltrans, US Army Corps of Engineers, OSHA, Dept. of Health Services, and DSOD, among others.

Liz will be responsible for the following:

- Meeting all contractual obligations
- Budget and scheduling requirements for the CM/Inspection contract
- Coordination and management of any requested Public Outreach by the City
- Green Valley Public outreach

Her public outreach methods and support team make Green Valley unique within the construction industry and serve to benefit our client's relationship with the neighborhoods they are working in. Additionally, she understands that the livelihood and careers of exceptionally talented individuals ride on her ability to keep Green Valley's clients happy and returning.

## **CONSTRUCTION MANAGER**



### **Jason Balatti, Construction Manager, Caltrans Certified RE**

Jason Balatti (Jason) holds a Construction Management degree from the University of Pacific and has established his career path by first gaining experience in the construction industry as a Project Manager for one of the large local heavy infrastructure Contractors in the North Bay. He then progressed to learning the construction management (CM) and inspection path by starting as an inspector and moving to a full-time CM role at GVCE. He recently managed over \$10,000,000 in projects for the last construction season. He has attended and become certified through



the Caltrans RE program while with Green Valley. As a former Cost Estimator/Project Manager, Jason has a working knowledge of current construction materials and pricing, local suppliers, and manufacturing “lead times” as they pertain to large-scale public infrastructure improvements. Since joining Green Valley over 6 years ago, Jason has managed numerous utility and roadway rehabilitation projects – including the City of Santa Rosa’s La Paloma Water and Sewer Improvement project. He has been praised for being “extremely helpful in solving many unexpected field issues” and being responsive to his client’s needs. Jason is extremely familiar and experienced in contract compliance with the Caltrans Construction Manual, Caltrans LAPM, and most local municipal standards and procedures – especially that of Santa Rosa’s which Sebastopol is modeled on.

*“It’s been a busy summer and we could not have done it without the help of GVCE’s CM Team. South Starr Road had enough hiccups to keep everyone busy. Our Construction Manager, Jason Balatti, was extremely helpful in solving the (many) unexpected field issues. We look forward to utilizing GVCE’s CM Services on future CIP projects.”*

~ Jim O’Brien – Project Manager  
Town of Windsor, South Star Road



**Mimi Arvin, Construction Manager**

Mimi recently retired from the City after 20+ years serving the public as a skilled civil technician and construction administrator. She was the Construction Manager and/or QA/QC technician on numerous large-scale road projects, including all phases of the Stony Point Road Widening and Pacific Avenue Reconstruction. Since joining GVCE, she has completed several challenging CIP projects in the role of CM, most recently with Matt Messenger as her inspector on the Delta Pond Improvements. She has exceptional communication skills that come into use when managing complex and challenging CIP infrastructure projects with environmental and technical challenges at every stage. She is a GREAT candidate for the City’s numerous CIP projects with her knowledge of City means and methods, contacts with the various Agencies from her City of Santa Rosa experience and working relationships with local Contractors in the area. She has the skills to successfully manage dynamic traffic control layouts and facilitate pre-paving and paving day plans. She also has the technical knowledge to construct detailed ADA improvements with no “wobble room” on frontage tolerances.

**CONSTRUCTION INSPECTOR(S)**

We have several exceptionally qualified inspectors that are currently available for this assignment and have included the resumes and brief outline of just a couple, with the primary inspector - Matt Messenger. He is currently available and is a GREAT candidate for these Projects if they start up as scheduled. He is the City of Cotati’s main go-to inspector for their annual paving projects, varying from the fast-paced Type II and Type III slurry seals to the technically detailed FDR and the Cold Foamed In Place reconstructions along with neighborhood utility infrastructure upgrades.

Both Matt and Nick understand the technical details of various paving techniques and underground utilities and work with the Contractor, material testing representative(s), and CM on the placement of materials to meet project specifications. Our team follow a strict checklist to meet all contract, materials testing, and project completion requirements. In addition, Jason and Nick have worked on numerous flat work projects thus facilitating any problems that need to be resolved before construction starts.

GVCE inspectors understand that paving projects often entail long days, weekends, and nights at times, and necessitates managing residential neighborhoods with heavy pedestrian traffic. The inspectors are familiar with the importance of notifying occupants along the job limits of upcoming water shutoffs, driveway impacts during paving operations, and other significant items that impact a person’s day-to-day life. All of them also have an excellent understanding of Caltrans Standards and Procedures.





We are proposing a new role on our team – that of CM Support via a Senior Field Superintendent. Rather than listing administrative staff or Project Coordinators, we believe the City would benefit from an enhanced team on this assignment with the technical and management skills equivalent to our proposed CM and Inspector(s). The field superintendent can support our inspection team as well as the dedicated CM with his strong background of working both for a large Contractor and then with 15+ years as the main construction coordinator for the City of Petaluma – Mel Manni.



**Mel Manni, Senior Field Superintendent**

Mel is an accomplished Construction Inspector with experience working both on the Contractor side and on the inspection side of municipal infrastructure projects. He recently was inspector on the City's Howarth Park improvements in the City. He familiarizes himself with all the relevant standards and applicable codes and works closely with City representatives to ensure they are satisfied with the end product before final acceptance.

His experience includes water, sewer and storm drain infrastructure, as well as bike and pedestrian trails, ADA ramps, curb and gutter, streetlights and various methods of pavement reconstruction and resurfacing.

He has been commended for his construction oversight skills from his clients, local businesses and residents, and project superintendents for turning what could be difficult situations into pleasant and accommodating experiences.

*"I want to let you know that I appreciate Mel's regular good communications, and monitoring of his team on TOW projects."*

- Tim Davis  
Town of Windsor  
GV Field Services



**Matt Messenger, Construction Inspector**

Matt has over 25 years of experience in the surveying and construction industry and spent the first part of his career working with Sean Lawson. He has the skills and experience such that he has spent the last five years as an inspector for Green Valley on numerous large downtown utility and paving projects for the Town of Windsor, the City of Cotati, and the City of Rohnert Park, as well as working as the encroachment inspector for the City of Rohnert Park and the Town of Windsor. He most recently was the inspector for Santa Rosa's Colgan Creek Improvement Project. His most recent Cotati experience

as a lead inspector for the 2021 West Side Street Construction and Improvements Project, which was in the heart of downtown Cotati at the "hub," had him managing extensive public outreach by GV's office team and inspecting significant full-depth reclamation (FDR) paving with a dynamic traffic control plan and coordination with area residents and businesses. His experience includes street and roadway reconstruction, pavement rehabilitation, water and sewer main projects, and storm drain installations. He was also responsible for the City of Cotati's Pavement Re-surfacing Project on Old Redwood Highway and East Cotati Avenue, a high-traffic volume corridor with significant pedestrian traffic directly in front of the City's Fire Department. He has a thorough understanding of FDR and paving methods and standards.

Matt is known for educating and keeping residents informed of construction activities and minimizing possible delays to project progress. He has been commended for his construction oversight skills by his clients, local businesses, residents, and the Contractors themselves!





**Nick Magliulo, Construction Inspector**

Nick has numerous years of experience working in the construction trade. He has experience working on several pavement and underground utility projects with Green Valley. Nick recently completed the North Trunk Sewer Replacement Project with its extensive drilling and boring under Sean Lawson's supervision. We encourage you to contact Mike Prinz for his viewpoint; he is very familiar with Nick and his work ethic. His most recent project was with the

*"WOO HOO! AWESOME!  
HIGH FIVE! Civil engineering  
- bringing an often invisible  
world to reality!"*

- Mike Prinz, Deputy Director  
City of Santa Rosa,  
North Trunk Sewer Replacement

County of Sonoma as lead inspector working for Mimi as CM on the annual pavement overlay project – a massive \$16,000,000 paving project specific to those roadways damaged by the 2017 fires. With several crews working in different areas, Nick could work concurrently with Joey Petroni to manage and oversee each construction crew such that the Project was successfully closed out on schedule. This recently completed project required extensive and ongoing public outreach to the residents about the daily construction activities and future activities that would impact the residents and businesses.

The best way we can demonstrate experience is to ask you to speak with your peers. If you do not come away after checking feeling without a doubt that we can do the job to the level you want your design to be constructed, then I gladly will ask you to choose the team that does give this confidence!

We learn from each assignment and think the best way to use those lessons is to hopefully have your trust in letting us put the knowledge to work on THIS Project! We are excited to have another opportunity to use the GVCE public outreach skills gained on projects such as the recent Windsor Roundabout, SCRPFoothill Bridge Improvements and the City of Santa Rosa Delta Pond Improvements.



**Jared Elmore, Construction Inspector**

Jared was born into the construction industry, following in the footsteps of his brother, father, and grandfather who worked in the field as skilled tradesmen. Tradition aside, Jared says that he "would not anything else" as he most enjoys "working in a fast-paced, hands-on environment where no two days are ever the same". Jared made the jump from Contractor to Consultant with the singular intention of ensuring that his clients receive nothing less than the quality, built-to-last products which they are paying for. Jared holds a Certified Project Management certificate from Sonoma State University which focuses on a project's lifecycle – initiating, planning, executing, monitoring and controlling, and closing. Since joining Green Valley, he has been working on one of our firm's largest and longest development projects: Vast Oak Subdivision.

Jared is an accomplished Construction Inspector with experience working both on the Contractor side and on the inspection side of municipal infrastructure projects. He recently was inspector on the University District improvements in the City of Rohnert Park where he was responsible for the public infrastructure of the 1600 unit housing project. He familiarizes himself with all the relevant standards and applicable codes and works closely with City representatives to ensure they are satisfied with the end product before final acceptance. His experience includes water, sewer and storm drain infrastructure, as well as bike and pedestrian trails, ADA ramps, curb and gutter, streetlights and pavement resurfacing.

He has been commended for his construction oversight skills from his clients, local businesses and residents, and project superintendents for turning what could be difficult situations into pleasant and accommodating experiences.





# REFERENCES AND PROJECT DESCRIPTIONS



# REFERENCES AND PROJECT DESCRIPTIONS



## PROFESSIONAL REFERENCES

We consider project quality and responsiveness to our clients to be the hallmark of our firm. Our clients have all worked with us from the planning stages of a project through construction and know that we stand behind our work at every step. Many of our long-term clients have gained the level of trust in our services that they award multi-year, on-call contracts and understand we can shift resources to align our team with your project needs and requirements.

We are accessible and have the engineering talent, integrity, and work ethic that will ensure the success of your projects. We take great pride in delivering our projects on time and within budget. At the same time, we remain on the forefront of new technology associated with engineering design. We believe that the working contacts below will confirm that the team of Green Valley possesses the ability, integrity, and work ethic to ensure that the projects issued to us will be completed in the same manner as those listed.

**Ms. Rachel Calvert,**  
**Pavement Program Manager**

County of Marin  
3501 Civic Center Drive Suite 404  
San Rafael, CA 94903  
415.246.5017  
Project: Numerous County of Marin Projects

**Ms. Mona Ibrahim, Engineer III**

Town of Windsor  
8400 Windsor Road, Bldg 100  
Windsor, CA 95492  
707.838.5349  
Project: Multiple CIP Assignments

**Mr. Mike Prinz**  
**Deputy Director of Capital Projects**

City of Santa Rosa  
69 Stony Circle  
Santa Rosa, CA 95401  
707.543.3800  
Project: Numerous CIP Assignments

**Ms. Mary Grace Pawson**  
**Development Services Director**

City of Rohnert Park  
130 Avram Avenue  
Rohnert Park, CA 94928  
707.588.2234  
Project: Encroachment Services





### SCOPE OF SERVICES

- On-Call Construction Inspection Support Services

### CALMENTOR GRADUATE

As a Caltrans District 4 Calmentor graduate, Green Valley can quickly and successfully prepare all necessary SF330 documents (Sections A –H) to meet the specific requirements of a Caltrans "Request for Qualifications Notice." All formatting is consistent with Caltrans presentation standards.

### SAFE WORK ZONES

Green Valley administers detailed traffic control plans for large Caltrans projects on busy state highways and freeways. Traffic controls include a combination of flaggers, pilot "escort" cars, and speed zones. It also includes traffic monitoring, regulatory and warning signage, and the Construction Zone Enhanced Enforcement Program (COZEEP).

## ON-CALL CONSTRUCTION INSPECTION SERVICES FOR CALTRANS D1

Green Valley Consulting Engineers provided CALTROP Corporation with On-Call Construction Inspection Services in support of their five-year Caltrans District 1 contract for "Professional and Technical Construction Engineering and Construction Inspection Support Services." Altogether, Green Valley's efforts included a total of six Construction Inspectors – one "mainstay" and five "rotating" per workload. Caltrans improvement Projects were located on State Routes and U.S. Highway 101 throughout Mendocino and Lake Counties. They ranged in value from \$600,000 to \$15 million dollars and consisted of safety upgrades (roundabout construction and metal beam guardrail installation); drainage system replacements (culverts, pipes, downdrains, inlets, and rock slope protection); and pavement maintenance (Rubberized Hot Mix Asphalt overlays.) Work has also included emergency highway repairs in Lake County after the Valley Fire. Inspection ensured all FHWA and Caltrans standards including specific field construction tasks from the Workplan Standards Guide.

One of the greatest priorities when overseeing construction on a Caltrans project is ensuring work zone safety and mobility for motorists, bicyclists, pedestrians, and workers. Projects require lane closures, altered traffic patterns, and day- and nighttime construction activities along heavily trafficked roadways. Green Valley is proficient at enforcing, assessing, and modifying highway traffic controls. With each GVCE project, we utilize the required safety practices within the latest Caltrans Construction Manual, California Code of Regulations (Cal/OSHA) – Title 8, California Construction Contract Standards, and the CA MUTCD. Our goal is always to keep traffic flowing, educate and "keep the public happy," and establish long-term Client and Contractor relationships.

## CONSTRUCTION DETAILS

Location: Lake & Mendocino Counties

Contractor: Varied per Project

Funding Source: **Federal - Direct Caltrans Project**

Date of Contract: April 2015

Date of Completion: 2018

## REFERENCE

Mike Schaar, P.E.  
Area Manager  
Caltrop Corporation  
2200 Powell Street, Suite 1125  
Emeryville, CA 94608

Tel: 510.299.3789  
Email: JSchaaf@caltrop.com

**Agenda Item Number 4**

**City Council Meeting Packet for June 20, 2023**

**Page 22 of 44**





## ROHNERT PARK EXPRESSWAY REHABILITATION PROJECT - PHASES 1 & 2

### CITY OF ROHNERT PARK

Green Valley Consulting Engineers performed the Construction Management and Inspection for both phases of this Federally-funded \$3 million dollar resurfacing project which rehabilitated just over one-and-a-quarter-miles of Rohnert Park Expressway (RPX) – a primary east/west, four-lane arterial. Project limits extended westward from Snyder Lane to Commerce Boulevard (located adjacent to the Highway 101 interchange) and involved work in three major 4-way intersections, including the City's busiest and most collision-prone. Altogether, the project involved 4,000 SY of digout repairs, structural pavement modifications, day, nighttime, and weekend paving operations, utility adjustments, concrete curb and gutter, ADA ramp, and median curb replacements, new colorized bike lanes, new pavement striping/markings/markers, the installation of GridSmart (camera) intersection traffic management systems, and the rehabilitation of the City Library's parking lot. Followed Caltrans and City Standards & Requirements.

Maintaining pedestrian-safe, ADA-compliant, and one-lane vehicular access was paramount in this multi-use (school/government/commercial/residential) area which experiences heavy pedestrian and vehicular traffic. Daily communication – from cone up to cone down – kept the City's Dept. of Public Safety informed of all lane/road closures and changes throughout the day. Additional challenges included providing uninterrupted emergency vehicle access along the corridor, maintaining access to the Library, local businesses, and three major shopping centers, working within a couple hundred yards of Highway 101, and coordinating with adjacent projects (SMART Rail, Snyder Lane Widening, and Petaluma Hill Road Pavement Preservation – 2016, County of Sonoma).

### SCOPE OF SERVICES

- F/T Construction Inspection
- F/T Construction Management
- Construction Team Support

### FINISHING TOUCHES



### PROJECT COORDINATION

Green Valley's CM Team facilitated communication and coordination with adjacent roadway projects including SMART Rail, Snyder Lane Widening, and Petaluma Hill Road Pavement Preservation (2016, County of Sonoma).

## CONSTRUCTION DETAILS

Contractor: Argonaut Constructors - Ph.1  
Ghilotti Construction, Inc. - Ph.2

Funding Source: Federal Caltrans & Local

Date of Contract: April 14, 2015 - Ph.1  
October 13, 2015 - Ph.2

Date of Completion: September 2016

## REFERENCE

Mary Grace Pawson, P.E.  
Director of Development Services &  
City Engineer  
City of Rohnert Park  
130 Avram Avenue  
Rohnert Park, CA 94928

Tel: 707.588.2232  
Email: MPawson@rncity.org  
Agenda Item Number 4

## 2021 COTATI WEST SIDE STREETS PROJECT

CITY OF COTATI

Green Valley Consulting Engineers was selected to provide Construction Management and Inspection services for this \$4M pavement rehabilitation project throughout the City's West side and downtown. Green Valley developed a proactive approach to notifying and establishing communications with the surrounding neighborhood. Residents and businesses were provided an upfront schedule illustrating when the work would affect their ingress or egress. This prevented confusion from those directly impacted by the work. Green Valley also reviewed, approved and ensured compliance of a comprehensive Traffic Control Program (TCP) which provided advance warning to the travelling public and reduced neighborhood inconvenience.

The paving rehabilitation was completed by various methods: a 2-1/2 inch Asphalt Overlay, Full Depth Reclamation (FDR) and slurry seal. An overlay is best utilized when a roadway has deteriorated, but the base has not yet been compromised. Digout repairs were identified by our inspector to address localized failures, prior to the overlay. FDR, while providing a cost savings, is ideally suited for long straight thoroughfares. This process utilizes the existing asphalt and base to create a new, stable base section for fresh pavement to be placed. Our experience with the FDR process in the prevalent, expansive, adobe clay assured the successful completion of the project. Slurry seals are an effective preventative maintenance measure that rejuvenates lightly deteriorated pavement with new oil. Additionally, the mix between these methods provided the City with the desired final product below the budgeted cost. This project also required upgrades to curb ramps per ADA standards. Our inspector worked with the contractor to field fit these ramps, within the tolerances allowed. Due to a proactive approach to identifying deficiencies, the project was completed with a minimal punch list and no construction claims.

### SCOPE OF SERVICES

- F/T Construction Inspection
- F/T Construction Management



### CONSTRUCTION DETAILS

Contractor: Ghilotti Bros.  
Bid Date: August 2021  
Completion Date: Spring 2022  
Contract Value: \$3,986,800.00

### REFERENCE

Craig Scott  
City of Cotati  
Dept. of Public Works  
201 West Sierra Ave.  
Cotati, CA 94931  
Tel: 707.792.4600  
Email: CScott@cotaticity.org

## 2019 COTATI STREET IMPROVEMENT PROJECT

CITY OF COTATI

Green Valley provided Construction Management and Inspection for this \$2.25M extensive paving rehabilitation located in the heart of downtown Cotati and surrounding neighborhoods. The aggressive schedule required multiple weeks of day work and night work along with a dynamic and on-going public outreach program with the business community and residents. The work included milling, grinding and overlay of the heavily travelled Old Redwood Highway and East Cotati Avenue, and pavement reconstruction within the City's residential "L Section" just south of East Cotati Avenue. Included were digout repairs, the use of two separate pavement treatments – Full Depth Reclamation (FDR) and a two-inch Asphalt Concrete (AC) Overlay, and the protection of curbs/gutters/sidewalks, new fire hydrants, and storm drain structures, the replacement of existing curb ramps to current ADA standards, wedge and conform grinding, stamped AC concrete crosswalks, in-street utility structure adjustments, the installation of speed cushions, pedestrian crosswalks at intersections, pavement striping and markings, hydrant markers, and pole signage.

On-going coordination with PG&E was needed to mitigate unforeseen conflicts and proactively adjust facilities owned by the Utility. The project was completed with minimal punch list items and no construction claims.

### SCOPE OF SERVICES

- F/T Construction Inspection
- F/T Construction Management



### CONSTRUCTION DETAILS

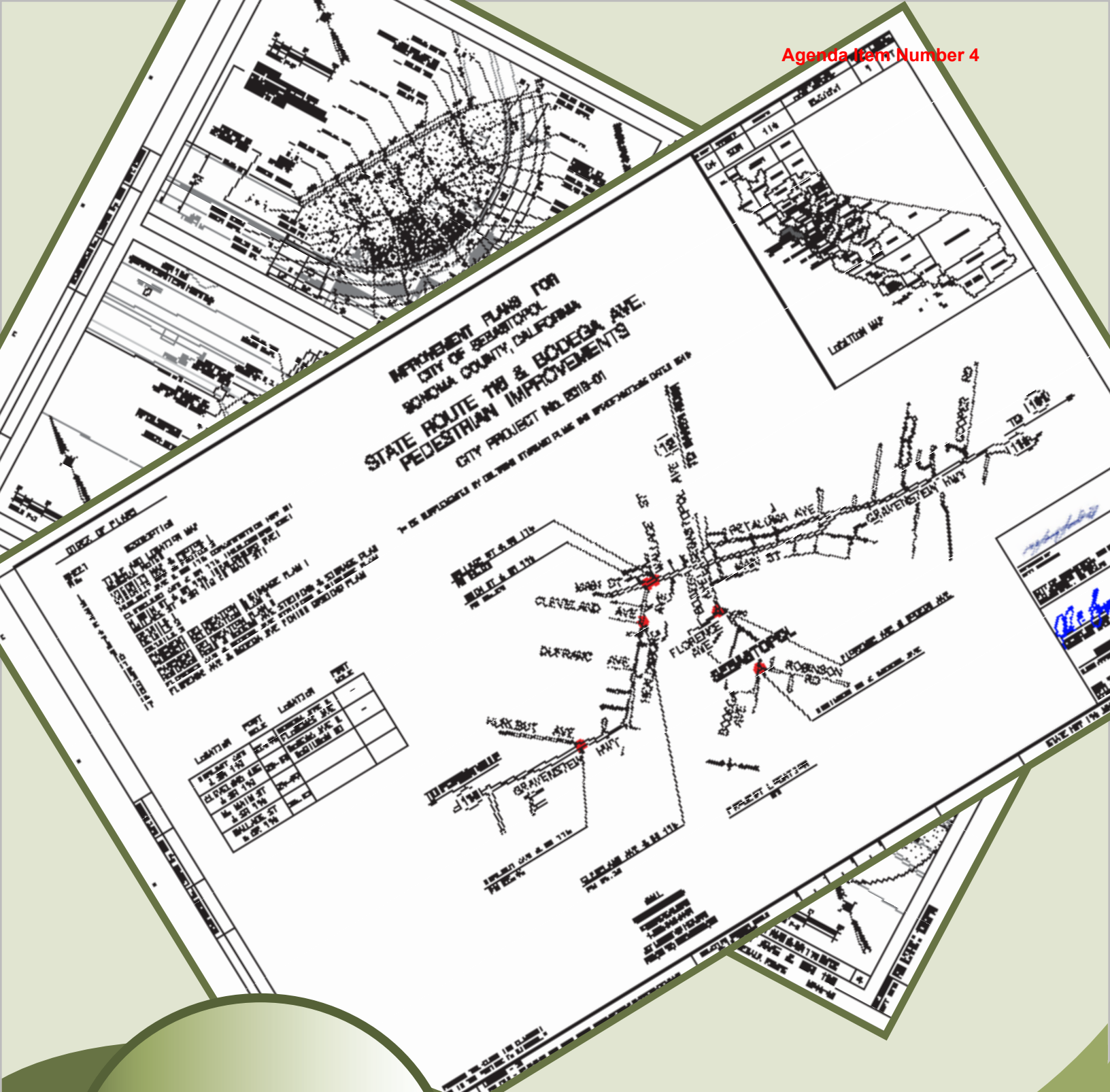
Contractor: Argonaut  
Constructed: Aug 2019 - Nov 2019  
Engineers Estimate: \$2,000,000.00  
Construction Cost: \$2,089,000.00

### REFERENCE

Craig Scott  
City of Cotati  
Dept. of Public Works  
201 West Sierra Ae.  
Cotati, CA 94931  
Tel: 707.665.4238  
Email: CScott@cotaticity.org







PROJECT  
APPROACH AND  
UNDERSTANDING

# PROJECT APPROACH AND UNDERSTANDING



## PROJECT APPROACH AND UNDERSTANDING


The City of Sebastopol is requesting proposals from qualified consultants who can provide Construction Management and Inspection services for several upcoming City projects. This proposal is for those projects that have federal funding involved. There will be a possibility for various materials testing, environmental monitoring, etc. under the proposed Contract as well which will be provided by a subconsultant to Green Valley Consulting Engineers (GVCE).

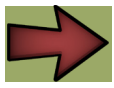
As a full-service consulting firm that is based in Santa Rosa and teaming with proven subconsultants as needed we believe that the team of Green Valley Consulting Engineers is ideally suited for this contract. We understand not only Caltrans procedures and standards, which is how we administer ALL our work (Federal and non), but also understand the City's Standards and Specifications. It is critical that our team maintain 100% compliance with all Federal and Local funding requirements and knowledge of the Agency standards for whom they are working.

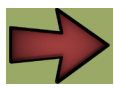
Green Valley is fully qualified to provide the complete and detailed scope of work that was outlined in the RFP issued by the City. We have not repeated this scope of work and instead, by reference, agree to adhere to all the items outlined. In the Appendix, you will find a detailed scope of work for CM and Inspection that we provide for our CIP projects.

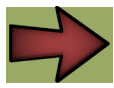


## OUR APPROACH & PROCESS

- 

Our initial task, once we receive the project scope from the City, will be to make a site visit with all team members, including any environmental representative, surveyor, engineer, and City Project Manager. We will document site conditions and any constraints that may impact construction or permits that are issued. The site will be photographed for future reference in the office. At this time we have already spent 4 hours reviewing and documenting with photos both of the projects in this RFP.
- 

Requiring the Contractor to maintain a strict schedule that aligns with the contracted number of working days is rule #1 for our own budget – as we estimate our jobs/budgets by the number of working days. If the working days are exceeded, then it gives the City a very clear understanding of any additional costs that will be required by their CM/Inspection team.
- 

Having a senior CM head the project assigned is also one of our strongest tools for keeping within budgets, both on our own budget and the Contractor's as the CM understands the Caltrans rules and requirements that in large part drive the work and schedule...and thus budget. When a Contractor does not follow these rules then our CM steps in and communicates the consequences and the steps needed to bring the Contract back on track.
- 

Once a clear understanding of the project has been obtained, we will prepare a pre-construction agenda per our standard scope of work which can be found in the Appendix. A pre-construction meeting will be scheduled, and the schedule will be set once the NTP is issued.

The following is a brief understanding of each project that will be constructed this year. The following work can easily be managed by one CM from Green Valley with the assistance of an inspector on each Project.



**State Route (SR) 116 & Bodega Avenue Pedestrian Improvements (CIP Project #1000-19.01)**

The work generally includes the installation of a number of new ADA compliant pedestrian ramps on intersections of Hwy 116 with the following City streets: Hurlbut Ave., Cleveland Ave., Main Street, and Wallace Street. There will be new RRFB, signage and safety striping at Bodega and Robinson Road as well as at Bodega and Florence Avenue.

This work will involve coordination with another Contractor for the ped ramp work at Florence and Robinson.

The Contract was awarded to Pat Nelson Construction for \$515,052.00. It is anticipated that the work will start mid-June 2023 and Contractor must complete the work within 50 working days or face liquidated damages of \$1000/day.

The SR 116 and Bodega Ave. project is typical of many that our team manages for the City of Santa Rosa and Town of Windsor. The project will have minor drainage improvements involved and miscellaneous utility lids/boxes adjusted to grade.



**We did a very detailed walk thru of the project and found the following items to be typical for an older neighborhood.**



- Traffic Control Plan will need to be strictly enforced and monitored, especially on weekends
- Significant foot traffic that will need to be re-routed with pedestrian traffic plans and signage
- Access to the Fire Station will need to be 24/7 and coordinated closely for the various operations
- Challenging concrete work to conform the new pours with the "fragile and poor conditions" of existing concrete
- Challenging conform grading at the ADA pedestrian ramps with a number of power poles for work around
- On-street parking will need to be tightly monitored and "NO PARKING" zones enforced as required
- Mature landscaping right at the frontage lines
- Tree roots and limb overhangs
- Significant and on-going public outreach will be a must on this project!

This is the kind of project that GVCE excels at and our clients will all attest to our public outreach methods to the neighborhoods and hands on approach to keep residents informed every step of the way.





# PROJECT APPROACH AND UNDERSTANDING



## **Bodega Avenue Bike Lanes and Pavement Rehabilitation Phase 1 (CIP Project #0513-74.09)**

The City intends to award a contract on May 16 to Argonaut Constructors for \$892,585.00 with 90 working days for the re-construction of Bodega Avenue from Nelson Way to N. High Street, with new ADA compliant ramps at the intersecting streets as well as at Robinson Rd. and Florence Way. Specifically, work will include cold planing existing AC pavement, placing new hot mix AC, adjusting the utility boxes to grade, reconstructing the ramps to current ADA requirements, and removing and replacing curb, gutter and sidewalk as noted on plans. Work will include new striping and signing and miscellaneous drainage improvements. There is an additive bid with additional work which may be added.



### Key Considerations:



- Stake the right of entry or right of way prior to start of work
- One way traffic will be required and there will be significant traffic delays during paving operations
- Dig-outs may be needed due to existing pavement conditions
- Significant impacts to community with the road restrictions affecting school and summer activities at the school
- Possible replacement of additional curb and gutter due to poor existing conditions that will not hold up to construction equipment
- Long days will be likely on paving days
- Project will need experienced labor compliance staff on team
- Confirm if funding agencies need any materials documented prior to start of construction
- Pedestrian safety measures in place 24/7

### COMMUNICATION

We know that the City does not need a consulting firm that requires a great deal of handholding or managing. They need a firm that has a zero-learning curve and will take the project on with minimal input from staff – this firm is Green Valley.







**COST PROPOSAL**





RESTORING YESTERDAY...CREATING TOMORROW

## FEE SCHEDULE GREEN VALLEY CONSULTING ENGINEERS

### Hourly Rates (Effective June 2022)

**\*Prevailing wage rates subject to DIR increases**

Principal	\$225
Project Manager	\$150-\$225
Project Engineer	\$135-\$210
Staff Engineer	\$125-\$165
Construction Manager	\$155-\$225
Assistant Construction Manager	\$150-\$215
Construction Inspector II *	\$150-\$165
Construction Inspector II Overtime	\$175-\$190
Construction Inspector II Night	\$195-\$200
Construction Inspector II Double Overtime	\$210
Field Personnel	\$95-\$125
CAD Technician	\$115-\$145
Administration/Word Processing	\$80-\$110
Vehicle Rate	\$15.00 / hour

**\* All Inspectors are paid and administered by the State of California Prevailing Wage law.**

**\* We DO NOT mark up our subconsultants costs.**

Employee time will be billed in accordance with the fees listed above. For non-professional employees, time spent over 8 hours per day, time spent on evening or night shifts, and time spent on Saturdays will be charged at 1.5 times the hourly billing rate. Time spent in excess of 12 hours a day or work performed on Sundays or holidays will be charged at 2.0 times the hourly billing rate. All field personnel charges are portal to portal. Professional employees will not be charged out at premium charge rates for overtime work.

#### Use of Company-Owned Equipment and Specialized Supplies

The cost of using company-owned equipment and specialized supplies is included in the hourly rates billed to our projects.

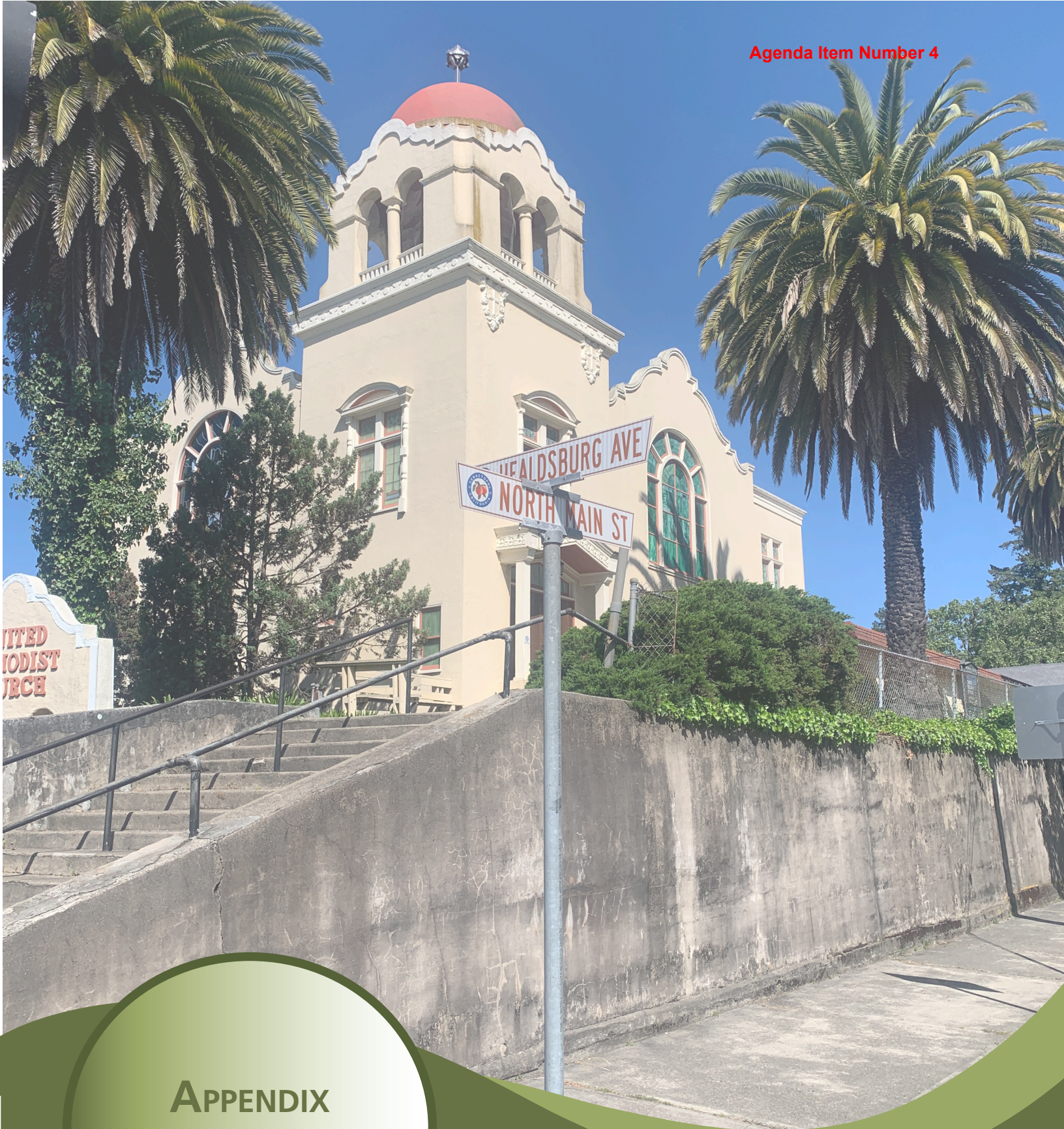
#### Miscellaneous External Expenditures

Miscellaneous external expenditures, such as those costs associated with blueprints, and reproduction of originals will be billed at the actual cost. Subconsultant charges will be billed at cost unless specified otherwise. Mileage will be billed at current IRS rates.

**Agenda Item Number 4**

**City Council Meeting Packet for June 20, 2023**





APPENDIX



**LIZ ELLIS, P.E.**  
**PRINCIPAL-IN-CHARGE & PROJECT MANAGER**



Liz Ellis founded Green Valley Consulting Engineers in 1997 after spending 15 years in public and private sectors in pursuit of her vision to restore and enhance communities and the lives of their residents. Liz is a multiple award-winning, industry-recognized Project Manager who has led hundreds of Capital Improvement Projects – many Federally-Funded – to successful completion during her 20 years in all-local business. Liz personally monitors daily operations, performs overall quality assurance and control, leads public outreach efforts (as required), and serves as the 24/7 client contact on each of our construction projects. She is known for her innovative, sustainable, and cost-saving approach when it comes to design alternatives and field solutions. Her projects boast the industry recognition to prove it!

**RELATED PROJECT MANAGEMENT EXPERIENCE**

**Education**

B.S./Civil Engineering  
 San Francisco State University

**Professional Registration**

Civil/CA C50830

**Professional Affiliations**

ACEC/ASCE/CMAA Member

**Business Awards**

- 2020 Community Philanthropy Award Winner
- 2015 NBBJ Philanthropy Award
- 2007 & 2004 NBBJ Women in Business Award

**PROJECT AWARDS**

- 2021 CEAC Outstanding Local Streets and Roads: Fulton Road Reconstruction, Phase 1
- 2017 ASCE Outstanding Bikeways and Trails Project of the Year: Jaguar Way/Windsor Road Bicycle and Pedestrian Improvements Project
- 2016 ACEC Engineering Excellence Award: Fort Bragg Coastal Restoration and Trail Project
- 2011 ASCE Sustainable Technology Project of the Year & 2012 ACEC Engineering Excellence Award: Laguna Force Main Replacement
- 2011 ACEC Special Project of the Year: Mark West Quarry Solar Panel Project
- 2011 Santa Rosa Chamber of Commerce Bob Blanchard Leadership Award
- 2009 ASCE Outstanding Small Transportation Project of the Year: Fort Bragg Downtown Streetscape
- 2008 ASCE Riverfront Urban Transformation Project of the Year: Oroville Riverfront Improvements
- 2007, 2005, 2003 ACEC/CELSOC Engineering Excellence Design Award: Pomo Bluffs Coastal Park,

**2019 Fulton Road Reconstruction, City of Santa Rosa.** This high-profile \$4M pilot pavement project set the precedent for future roadway rebuilds throughout the Bay Area. Faced with cost-prohibitive bids and high cost of traditional building materials (post-wildfires), the City chose a novel approach for reconstructing this mile-long stretch of Fulton Road. Roller-Compacted Concrete (RCC) proved an ideal alternative given its successful use in other structural applications (dams & runways). Additionally, he provided exceptional public outreach to ensure neighborhood safety and satisfaction given haul routes which extended through the residential streets of the City’s west end. Project success also hinged on achieving smooth HMA pavement transitions at numerous intersections and side streets.

**Highway 12 Corridor Improvement Project Phase II, Stage 2, County of Sonoma. (Construction Management & Inspection)** \$6M construction project which rehabilitated State Route 12 within “The Springs” area of Sonoma County. Included roadway widening to accommodate a protected center turn lane, asphalt pavement replacement, traffic signal modifications, and the installation of curbs/gutters/ADA sidewalks, bidirectional, decorative street lighting, stormwater treatment devices, and pedestrian amenities. Challenges included finding and relocating a large number of existing underground utilities (electric, gas, cable, and AT&T); minimizing disruptions to adjacent commercial parking lots and driveways; public outreach for the scheduling/sequencing of work with stakeholders, nighttime paving operations, and daily field engineering. Required extensive Caltrans coordination and approvals.

**Stony Point Road Reconstruction & Widening Project, Phases 1 and 2, City of Santa Rosa:** (Overall Project Management, Surveying, Engineering Support, On-Call Construction Inspection) \$10M construction (\$32M total) project which improved this principal arterial roadway between Highway 12 and Hearn Avenue within Southwest Santa Rosa. Elements included complete pavement reconstruction w/ a fiber reinforced asphalt concrete to increase longevity, additional travel lanes, designated bike lanes on both sides of the street, new ADA sidewalks and curb ramps, traffic signal improvements at six intersections, landscaped median installation, street lighting enhancements, the construction of permanent sound/retaining walls, and the widening of an existing culvert bridge (Roseland Creek).

**Jaguar Way/Windsor Road Bicycle and Pedestrian Improvements, Town of Windsor – Building Division: ASCE Outstanding Bikeways and Trails Project of the Year (Construction Management and Inspection)** A Caltrans-administered “complete street” project funded by the One Bay Area Grant (OBAG) Program. Featured a new traffic signal at the main Windsor High School crossing frequented by 1,700 students daily, the addition of ADA sidewalks and ramps, crosswalks with pedestrian pushbuttons, green bike lanes, designated turn lanes, on-street parallel parking, and an HMA overlay w/markings and striping. Involved daily coordination with school administration for the safe student movement; adjacent Windsor Fire Station No. 2 for constant emergency vehicle movement; and the Town’s Public Works Department for staff activities. Developed temporary pedestrian/public transit detours and ADA measures.

**Petaluma Boulevard South Road Diet Project, City of Petaluma: (Surveying, Civil Engineering & Landscape Design, Environmental Documentation, Traffic Engineering, Bidding & Construction Support)** Re-configuration of approximately a half a mile of Petaluma Boulevard South, a major urban connector street extending through the heart of Petaluma. The ‘diet’ reduced a total of four traffic lanes to two and created a center two-way left turn lane to construct a complete street. Elements included pavement micro-surfacing with new striping/markings/markers, traffic signal modifications, and the installation of ADA curb ramps, audible pedestrian crossing signals, new crosswalk striping, bike lanes, street furniture and landscaping. Participated in City public outreach efforts to address community concerns and questions prior to construction.

**Santa Rosa Avenue Widening, City of Santa Rosa: (Civil Engineering Design)** The widening of Santa Rosa Avenue from Yolanda Avenue to Kawana Springs Road and a complete cross section asphalt overlay of Santa Rosa Avenue from Yolanda Avenue to the Baker/Colgan intersection. The design was initiated by the City and then “built upon” by GVCE, who then coordinated information throughout the project’s duration with City staff, management, and the materials testing laboratory. Elements included the development of horizontal and vertical alignments for the widened roadway and proposed utilities (water and sewer) as well as the “most cost-effective” structural section. GVCE also coordinated with a transportation subconsultant (WTrans Transportation) to complete traffic signal installations/modifications.



Jason entered the construction industry with a keen desire to build “cool things”. Prior to joining Green Valley, he spent almost a decade as a Cost Estimator and Project Manager with two leading North Bay general engineering contractors. It was there that he honed his technical and leadership skills and gained practical experience by working on large-scale Capital Improvement Projects. Jason is a recent Caltrans Resident Engineers Academy graduate and is current on all regulations pertaining to implementing, administering, and managing Federal and State-funded local transportation projects. He just successfully delivered the two annual/bi-annual pavement rehabilitation projects listed immediately below. As with all of our public roadway work, Jason was responsible for ensuring compliance with all applicable Caltrans Standard Plans and current CA MUTCD guidelines. Jason most enjoys achieving daily success given an often tough working environment. He brings his Contractor’s mindset to each job, applying his many “lessons-learned” to achieve greater efficiency, higher quality, and increased safety in the field.

*“It’s been a busy summer and we could not have done it without the help of GVCE’s CM Team. South Starr Road had enough hiccups to keep everyone busy. Our Construction Manager, Jason Balatti, was extremely helpful in solving the (many) unexpected field issues. We look forward to utilizing GVCE’s CM Services on future CIP projects.”*

~ Jim O’Brien – Project Manager  
Town of Windsor

**Education**

- B.S./Engineering Management University of the Pacific

**Contractor Experience**

- 8 Years with Two Leading North Bay General Engineering Contractors (NESSCO Construction & Argonaut Constructors)

**Training & Certifications**

**Caltrans Local Assistance**

- Caltrans Resident Engineers Academy – Core Training in Federal and State Regulations

**AASHTO Pavement Rehabilitation 2019 Series**

- Hot-In-Place Recycling
- Cold-In-Place Recycling
- Full-Depth Reclamation
- Pavement Markings

**California Stormwater Quality Association (CASQA)**

- Construction General Permit Qualified SWPPP Developer (QSD-In-Training)

**Construction Safety**

- Heartsaver First Aid/CPR/AED (Current)
- Confined Space Entry Certificate: Northern California Engineering Contractors Association

**Inspection Requirements**

- ADA / Accessibility & Detectable Warning Systems: Complying with Government Guidelines

**Organizations**

- Active 20-30 Santa Rosa #50 (Serving Underprivileged Youth)
- Past President, Pi Kappa Alpha (Fraternal Leadership Program)

**RELATED PROJECT EXPERIENCE**

**2018 Street Construction Improvements, City of Cotati.** Management for the \$1.25M rehabilitation of varied-width pavements (avenues & courts) within the City’s residential “L Section” just south of East Cotati Avenue. Included digout repairs, the use of two separate pavement treatments – Full Depth Reclamation (FDR) and a 2-inch Asphalt Concrete (AC) Overlay, the protection of attached curbs/gutters/sidewalks, fire hydrants, and storm drain structures, the field-fitting of existing curb ramps to ADA standards, wedge and conform grinding, in-street utility structure adjustments, the installation of speed cushions, pedestrian crosswalks at intersections, pavement striping and markings, hydrant markers, and pole signage. Coordinated with PG&E to mitigate unforeseen conflicts and proactively adjusted Inspector activity to maintain schedule. Completed with minimal punch list items and no construction claims. Ensured the implementation of a Traffic Control Plan which allowed for maximum detour notification for residents.

**2017–2018 Pavement Preservation Project, Town of Windsor.** Management of the Town of Windsor’s Bi-Annual Pavement Maintenance Program which efficiently slurry-sealed (Type II) numerous streets, courts, and drives within three separate residential neighborhoods. Work involved existing striping removal crack sealing/digout repairs, and the installation of high-visibility crosswalks, fresh pavement striping and markings, and hydrant markers. Efforts included detailed and continuous school coordination to choreograph construction with student activities, adjustment of field operations to accommodate project expansion into three additional neighborhoods (per a low bid amount), and nightly updates to Town staff for accurate Public Relations purposes – social media and website updates. Navigated cold weather delays by prioritizing remaining street improvements. Completed in entirety in just eight short days.

**South Starr Road Improvements Project, Town of Windsor.** Management for the installation of a new 6-foot-wide, 581-foot-long Asphalt Concrete pathway along a heavily-travelled section of Starr Road (between Jaguar Way and Windsor River Road). It provides pedestrian safety for charter school students (see above), users of the local Keiser Community Park, and neighborhood residents traveling to/from the Town Square. Elements include roadway widening to accommodate a shared bicycle lane, ADA curb ramps, multiple driveway conforms, stormwater improvements (new pipes and manholes), new street lighting and signage, and pavement markings/markers to improve existing traffic flow. Multiple subcontractors and vendors needed to be strictly managed to achieve project success given a fast-track, 45-day schedule. As in the project above, public and crew safety required close oversight and well-coordinated traffic controls.

**Seismic Upgrades and Improvements Phase 4 and Various Site Improvements, City of Santa Rosa.** Management assistance for seismic and structural upgrades and site improvements for a total of six water storage tanks and pump stations. Involves upgrades to meet current seismic safety codes and requirements (R3, R7, & R12B), roof recoating (R6), security fence installation and electrical improvements (R12A), driveway approach upgrades (R12A), and gate and paving improvements (S1). Involves specialty inspections, a non-local Contractor (added GVCE work), City inter-Departmental coordination, soil remediation, tank containment during sandblasting/painting, and addressing unknown tank conditions.

**2014 City of Lafayette Pavement Rehabilitation Program, City of Lafayette** (while with Argonaut Constructors). Management (while with Argonaut Constructors) for the construction of this \$4 million dollar pavement overlay project which resurfaced Reliez Station Road – a major arterial – using cold-in-place recycling. Also included were digout repairs, the installation of new PCC curbs/gutters/sidewalks/driveways, Metal Beam Guardrail, vehicle detection loops, and pavement striping/markings/markers.



## RELATED PROJECT EXPERIENCE AS CONSTRUCTION MANAGER, QCA

### Emergency Well Pump Station at A Place to Play, City of Santa Rosa.

This is a \$1.8M project converting the existing test well to an Emergency Groundwater Well, along with design and construction of a well pump station and appurtenances associated with the Emergency Groundwater Well at A Place to Play Park. Negotiated project suspension for needed redesign to mitigate.

*"...It was great to work with both of you!"*

- Richela Maeda  
Associate Civil Engineer  
City of Santa Rosa

**Emergency Ground Water Freeway Well, City of Santa Rosa.** Redeveloped and tested existing ground water well for future production. Project included the installation of temporary sound curtains for 24-hour pump tests.

**Geyser Pipeline Expansion joints Replacement Project.** This \$1M project replaced five (5) expansion joints on the Geysers Pipeline between Bear Canyon and Mayacamas pump stations on Pine Flat Road. The project dewatered one mile of pipe (approximately 200,000 gallons) to perform joint replacement. An expedited schedule was needed to supply water to Calpine Thermal Plant. This included coordination with three county water agencies.

**Stony Point Road Widening and Reconstruction Project, Phase 2, City of Santa Rosa.** This was the second and final phase of a \$32M, five-year, "intense" roadway project which transformed Stony Point Road (from Hearn Avenue to Sebastopol Rd.) into a four-lane boulevard. As a principal arterial in a residential setting, traffic controls were maintained 24/7 to ensure work zone safety and movement for all. Involved complete roadway reconstruction, additional travel lanes, a middle turn lane, new bike lanes in each direction, ADA sidewalks and curb ramps, retaining and sound walls, a landscaped median; street lighting enhancements, the widening of an existing culvert bridge, and utility work (water/sewer/storm/traffic signals). Despite numerous construction issues, maintained positive public relations through a full year schedule extension. Coordinated and supervised multiple/simultaneous crews, and night, shift, and weekend work. Phase 2 included a house relocation project, a Multimillion-dollar Rule20 overhead to underground conversion which included AT&T, city street lighting, Cablecom, and PGE electric and gas distribution with high voltage transmission electrical pole and cable relocations.

**Pacific Avenue Reconstruction from Humboldt Street and Montecito Avenue, City of Santa Rosa.** This \$5M Project reconstructed Pacific Avenue between Humboldt Street and Montecito Avenue; curb ramps were reconstructed at all intersections to meet current accessibility standards. The sewer main was replaced on Pacific Avenue and a sewer main supporting 1320 North Street as well as a large section of the water main and services. Drainage improvements and the installation of Rectangular Rapid Flashing Beacon (RRFB) systems at King Street, Beaver Street and Elizabeth Way/Spring Street intersection.

**Road Access Stabilization and Repairs for Tank R7, City of Santa Rosa.** This \$1.5M project provided drainage improvements, road rehabilitation, and slope stability repairs and retaining walls along the Tank R7 access road and upgrades to the existing storm drain systems in portions of Yerba Buena Road and St. Francis Road to alleviate localized flooding risk. The project included a new storm drain system and telecommunications line installed beneath the access road, slope stability repairs, a vehicle turnaround area, and approx. 800 ft of retaining wall.

*"Thanks (Mimi), you rock!"*

- Brian Sloan  
Sonoma County Labor  
Compliance

### Education

- Civil Engineering and Survey Technician
- Santa Rosa Junior College

### Training & Certifications

- Water Distribution Operator D1 No.38121
- CESSWI No. 1420
- Qualified SWPP Practitioner (QSP) No. 00175
- Journey Level Surveyor in Operating Engineers 3

*"Excellent letter. Thanks for your ongoing concern and technical assistance. Also thanks for reaching out via phone and for the peer review conversations..."*

City of Clearlake  
- Dave Swartz

## OTHER RELATED EXPERIENCE

### 2002 - 2018 City of Santa Rosa Civil Engineering Technician III

- Design and Drafted Utility and Capital Improvement Plans. Produced estimates and specifications.
- Project construction inspection and administration for paving and roadway widening projects including utility upgrades and installations, traffic signal installation and modifications.
- Roadway widening, paving, West Steel Lane Roadway Widening, West 9th Street Widening Street, Administration Drive Widening.

### 2018 - 2021 City of Santa Rosa Construction Quality Control Associate / Construction Manager

- Performed construct ability reviews of plans, specifications and estimates of CIP and Utility projects. Provided training and support to Field Inspectors in Stormwater inspections and reporting, and managed utility coordination.
- Provided mentoring and training to construction inspectors and Construction Managers both in house and consultants on City Standards, Plans, documentation and Specification interpretations, Storm Water BMP installation and maintenance, Reviewed contract payments, change orders, and other construction documents for accuracy and conformity.
- Construction Manager and Trouble shooter for CIP projects in the field when construct ability issues came up and, in the office, assisting Project Mangers with document reviews and management.





## PROJECTS COMPLETED AS DEPUTY DIRECTOR WITH THE CITY OF UKIAH

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**City of Ukiah, Deputy Director of Public Works (1996 - 2019)** As Deputy Director for the City of Ukiah, Rick has been involved in multiple projects as Project Manager and Construction Manager including:

- **Perkins & Orchard Right Turn Lane** which involved widening and signal improvements
- **Waugh Lane Bridge Replacement** - Constructed a single lane steel girder bridge with galvanized bridge decking - replacing the existing wooden bridge.
- **Corporation Yard Remediation Project** involving the installation of treatment system for contamination related to underground storage tanks.
- **Railroad Depot Rehabilitation** - This project involved restoration of the building, after severe vandalism, to a functional building utilizing the original 1928 blueprints as a basis for the repairs.
- **2002 STIP Arterial / Collector Rehabilitation Project** - AC Overlay
- **2020 STIP Local Street Rehabilitation Project** - AC Overlay
- **HES - LED Traffic Signal Upgrade Project** - Replaced all the red, green, yellow and pedestrian signal lamps with LED; installed battery backup units at all signalized intersections.
- **Orchard & Gobbi Traffic Signal Upgrade Project** - Constructed new traffic signal and ADA curb ramps at this intersection.
- **2000 & 2002 STIP Railroad Crossing Rehabilitation Project** - Upgraded crossings with new concrete crossing panels; new signage, ADA crosswalks, and more.
- **Mendocino Drive Storm Drain Replacement** - FEMA / OES funded project; 48-inch diameter storm drain
- **Pavement Rehabilitation and Traffic Signal Loop Replacement Project**
- **Gobbi Street Class 2 Bicycle Lanes** - Street widening, bicycle lane striping and sidewalk, curb and gutter.
- **N. State Street Fairgrounds Sidewalk Project** - Constructed a new sidewalk and ADA curb ramps.
- **Airport Park Boulevard Extension** - New street construction, complete with all underground utilities, curb and gutter.
- **2000 STIP Arterial / Collector Rehabilitation Project** - Grind and pave, AC overlay and slurry seal.
- **2000 STIP Local Street Rehabilitation Project** - Grind and pave, AC overlay and slurry seal.
- **410 Waugh Lane** - Asbestos removal and Structure demolition.
- **1998 STIP Local Street Rehabilitation Project** - Grind and Pave
- **1998 STIP Urban Collector Rehabilitation Project** - Grind and Pave
- **Orchard Avenue Reconstruction** - Full Depth AC
- **East Perkins Street Reconstruction** - Full Depth AC
- **Runway & Taxiway Slurry Seal Project**

### Education

South Dakota School of Mines and Technology

Bachelor of Science Civil Engineering

### Training & Certifications

- Low Impact Development Training
- Graduate Level Groundwater Course
- FEMA Floodplan Mangement
- Asphalt Pavement Fundamentals
- Enviromental Health Orientation
- Pumps and Controls
- Water Well Drilling
- ArcGIS
- Post Earthquake Safety Evaluation of Buildings

### California Stormwater Quality Association (CASQA)

- Annual Stormwater Conference

### Construction Safety

- Hazardous Materials First Responder Operational Course

### Organizations

- Volunteer, State of California OES
- Member, American Society of Civil Engineers
- Past President, Lake Mendocino Engineer's Association
- Past President, Ukiah Wheelers Bicycle Club

## PROJECTS COMPLETED WHILE WORKING WITH THE US PUBLIC HEALTH SERVICE

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- **High Capacity Water Wells for First Mesa** - On the Hopi Reservation, Rick was the construction manager/inspector for the construction of two high capacity water wells for First Mesa (Polaca, Arizona). the wells were approximately 900 feet in depth and the casing was 16-inches in diameter. Rick utilized camera logging techniques to analyze well conditions. In addition, he was responsible for designing and selecting the submersible pumps for the wells.
- **Water Well at Round Valley Indian Reservation** - Rick was involved in both community and individual well construction at Round Valley, where he used geophysical logging to analyze the community water.
- **State Highway Sewer and Water Lines** - Rick was involved in the design, construction and inspection or 20,000 feet of sanitary sewer line including four road borings, across State Highways.



Mel has worked in every facet of Public Works Construction during his 40 years in the industry. Starting his career for a large General Contractor, he moved into the role of Public Works Inspector, and now brings his extensive knowledge and skill set to our clients as Senior Inspector. Mel's Inspection and Management skills have been endorsed by Transportation Authority Program Managers, General Engineering Area Managers, and his Public Works colleagues.

### RELATED PROJECT EXPERIENCE

#### Experience

- Four Decades of Municipal Construction Experience.
- 18 Years as a Public Works Inspector with the City of Petaluma Overseeing CIP Improvements.
- 18 Years as an Underground Utility Foreman with North Bay Construction

#### Caltrans Seminars

- Caltrans Erosion Control Design

#### Training & Certifications

- Causes and Prevention of Concrete Surface Imperfections
- OSHA 8-Hour Supervisor/Management Refresher
- OSHA Hazardous Waste Operations and Emergency Response (Hazwoper)
- Cal/OSHA Competent Person & Confined Space
- OSHA Heat Illness Prevention
- California OSHA 10-Hour Construction
- Sustainable Water & Stormwater Management
- Construction Management: Concrete Construction

#### Construction Safety

- Heartsaver First Aid/CPR/AED (Current)
- Cal Trenching & Excavation
- Soils Analysis & Classification

#### Expertise

- Underground Utility Construction
- Asphalt & Concrete Pavement Rehabilitation & Construction
- ADA Accessibility Design
- Caltrans Local Assistance Procedures Manual (LAPM)

**City of Santa Rosa, Pacific Avenue Reconstruction Project:** Mel was the lead inspector on the replacement of 1000 lineal feet of existing PVC water main within Pacific Ave. at Humboldt Street intersection due to hydrocarbons that were detected in the subgrade. The 8" and 10" water main replacement was located directly down the centerline of a very busy main thoroughfare which required constant oversight of traffic control measures, road detours, and advance signage. Inspection required in-depth knowledge of the City of Santa Rosa's blanket waivers to allow for this main to be installed near existing utilities. This water main replacement was installed without additional delay to the travelling public and completed within the estimated cost provided during design. Numerous appurtenances were installed including significant mainline valve "tees" at the intersection, new hydrants, mainline valves and water services and meters.

**Bella Creek (Avram House) Apartment Project, City of Rohnert Park.** On- and off-site Inspection for the infrastructure associated with a new 92-unit residential/affordable apartment complex within the Central Rohnert Park Priority Development Area (PDA). Units are spread between seven new three and four story tall buildings. Low-impact features include electric vehicle charging stations, pedestrian and bicycle amenities, solar panels, energy efficient buildings, on-site infiltration basins, and lighted access to Copeland Creek Trail. A pool & cabana and a large landscaped area increase outdoor livability. Responsible for overseeing grading and paving operations, underground single & joint trench utility installation, concrete flatwork including sidewalks & ADA curb ramps, and landscaping & lighting improvements.

**Accessibility Alterations at Howarth Park, City of Santa Rosa.** Inspection for the regrading and reconstruction of concrete pathways within the Park's amusement area for compliance with current ADA accessible design standards. Responsible for field fitting ADA upgrades into confined, site challenging conditions in an active park setting. Alterations include train loading area for an accessible train car, the area around a Carousel, a new ramp system through the adjacent picnic area, and an accessible route to a petting zoo and pony rides. Ensuring compliance to construction staging limits and pedestrian traffic control is critical to maintaining safety and flow within the adjacent parking lot and site itself.

**Sunrise Park Path and Landscaping Improvements, City of Rohnert Park.** Inspection for the demolition of existing asphalt/construction of new concrete pathways, repair and slurry seal of the existing asphalt parking lot, new sod and turf landscaping with irrigation system adjustments, new perimeter fencing, and drinking fountain replacements. Located in a multi-use, high-traffic setting bordered by Rohnert Park Expressway, Snyder Lane, and residential neighborhoods. Responsible for maintaining parking lot and restroom access, on- and off-site monitoring of related site activities, and ensuring BMP installation and SWPPP compliance in the field.



*Bella Creek Apartment Complex: Underground Utility Installation for New Seven Building, 92-Unit Residential Community.*



*Sunrise Park Path & Landscaping Improvements: New Sod & Turf Landscaping on Athletic Playing Fields.*

### DIRECT MUNICIPAL EXPERIENCE (CITY OF PETALUMA)

Public Works Inspector II, City of Petaluma: Represented the City as Construction Inspector and Manager for over 18 years. Oversaw the installation of all aspects of Capital Improvements from ADA upgrades and school safe routes to road and street rehabilitations and large-diameter sewer and water transmission mains in high-traffic locations. Notable projects include Phases 1 & 2 of the East Washington Street Water Main – 5,000 feet of 18-inch PVC pipe on both sides of Highway 101 and the \$2.3M Petaluma Boulevard South Sewer Trunk Main Replacement. **Agenda Item Number 4** and 21-inch pipes with ancillary concrete flatwork.





**Education**

A.S./Santa Rosa Junior College  
Civil Engineering Technology  
Certificate

**Focused Experience**

- Successful North Bay Site Contractor & Business Co-owner
- Heavy Equipment Operator
- Earthwork & Excavation for Residential & Commercial Development
- Utility Trenching
- Land Surveying Technician
- Construction Site Supervisor Remote/International Construction Sites

**Training & Certifications**

**Construction Safety**

- Heartsaver First Aid/ CPR/AED (Current)
- AEC Daily Accessibility & Detectable Warning Systems
- Sustainable Water & Stormwater Management
- Design for Plantable Permeable Pavement
- Construction Management: Concrete Foundations

**Heavy Equipment Operator**

- Excavator
- Trencher
- Forklift



**University District Development:**  
Asphalt Paving Operations for New Street Construction.

**RELATED PROJECT EXPERIENCE**

**2019 Street Construction Improvements, City of Cotati.** Inspector for a significant \$2.25M rehabilitation of an extensive paving rehabilitation in the heart of downtown Cotati and surrounding neighborhoods. The aggressive schedule required multiple weeks of both day work and round the clock night work and on-going public outreach with the business owners and residents. The work included mill grind and overlay of the heavily trafficked Old Redwood Highway and East Cotati Avenue, and various width pavements (avenues & courts) within the City's residential "L Section" just south of East Cotati Avenue. Included were digout repairs, the use of two separate pavement treatments – Full Depth Reclamation (FDR) and a two-inch Asphalt Concrete (AC) Overlay, the protection of attached curbs/gutters/sidewalks, fire hydrants, and storm drain structures, the rehabilitation of existing curb ramps to current ADA standards, wedge and conform grinding, stamped AC concrete crosswalks, in-street utility structure adjustments, the installation of speed cushions, pedestrian crosswalks at intersections, pavement striping and markings, hydrant markers, and pole signage. Coordinated with PG&E to mitigate unforeseen conflicts and proactively adjusted Inspector activity to maintain schedule. Completed with minimal punch list items and no construction claims. Ensured the implementation of a Traffic Control Plan which allowed for maximum detour notification for residents.

*"Everything has gone great with the project so far, in large part thanks to you guys!"*  
-Jonathan Caldwell  
City of Cotati

**University District/Vast Oak Land Development Project Phase 2, City of Rohnert Park.** On-Call Construction Inspector for the fast-paced Phase 2 site development of the new Vast Oak subdivision by Brookfield Homes. Located just off of Rohnert Park Expressway, the large housing project will construct 1,645 residential units, 100,000 square feet of commercial space, and 20 acres of parks. Sitework consists of on- and off- site grading, the installation of public utilities, and the construction of surface streets, public parks and landscape improvements. Requires close coordination with the developer to efficiently incorporate all Plan revisions. Also requires coordinating the simultaneous activities of a multi-disciplinary contractor crews. Challenges to date include the lowering of a new water main to accommodate a change in site layout.

**City of Rohnert Park Southeast Specific Plan (SESP) Phase 1, City of Rohnert Park.** End-phase inspection for the development of the SESP Phase 1 site, a 107-lot subdivision. Work includes final utility testing, park construction, final paving, and off-site cleanup. When completed, the SESP will consist of 80 acres of lands, 475 residential units, 10,000 square feet of commercial space and a five-acre park.

**RELATED GENERAL ENGINEERING & CONSTRUCTION EXPERIENCE**

**Messenger Grape Harvesting (MGH).** Co-owner of a successful 17-year-old site contracting and grape harvesting business servicing large-scale North Bay vineyard operations. Serves in the capacity of Heavy Equipment Operator responsible for all earthmoving and excavation efforts. Work includes all components of vineyard development including: site survey, ground preparation (demolition, clearing & grubbing, soil amendment, grading), trenching for underground utility systems (water, sewer/septic/gas/irrigation), drainage ditch & water reservoir construction/expansion, and service road/pavement creation. As a business owner, focused on providing clients with individual attention, an understanding of specific needs/concerns, flexibility given real time changes, and innovative solutions to resolve specific site challenges.

**Limestone Coast Hire, Inc.** Site Supervisor for General Engineering projects locate throughout Southern Australia. Work includes the installation of subsurface vineyard irrigation systems, paved access roads, and site grading and drainage. Work requires a great deal of independent problem solving and task prioritization given remote project locations with limited external contact.

**Flick Enterprises, Inc.** Trenching and Underground Specialist for this General Engineering Contractor which constructs architectural additions and new residential/commercial structures including all mechanical/plumbing/electrical systems. Responsible for the installation of engineered pretreatment septic systems throughout the entire San Francisco Bay area.

**Owner's Management Company, Inc.** Site Contractor for this property development firm which builds residential communities and commercial developments. General Engineering services included site grading and drainage, excavation for building foundations and new asphalt and concrete pavements, subgrade preparation, building pad development, and trenching for utility installations (water/septic/drainage).

**Pipeline Excavators, Inc.** Trenching and Underground Specialist for this General Engineering Contractor which focuses on commercial building remodeling and residential redesign. Responsible for the installation of new and/or repair of existing subsurface utilities associated with new site development. Comprehensive pipelines included – water, sewer, reclaim/reuse, storm drain, electric, communication, and gas – as well as all associated service laterals and utility structures.

# JARED ELMORE, QCSI

## CONSTRUCTION INSPECTOR



Jared was born into the construction industry, following in the footsteps of his brother, father, and grandfather who worked in the field as skilled tradesmen. Tradition aside, Jared says that he “would not anything else” as he most enjoys “working in a fast-paced, hands-on environment where no two days are ever the same”. Jared made the jump from Contractor to Consultant with the singular intention of ensuring that his clients receive nothing less than the quality, built-to-last products which they are paying for. Jared holds a Certified Project Management certificate from Sonoma State University which focuses on a project’s lifecycle – initiating, planning, executing, monitoring and controlling, and closing. Since joining Green Valley, he has been working on one of our firm’s largest and longest development projects: Vast Oak Subdivision.

*“Jared has done a great job working with the contractor and sorting out the hectic scheduling.”*

Town of Windsor,  
Shiloh Left Turn  
Construction

### RELATED PROJECT EXPERIENCE

#### Education

Certified Project Management Certificate:  
Sonoma State University

#### Focused Experience

- 15 Years w/ Argonaut Constructors – Leading North Bay Engineering Contractor

#### Training & Certifications

##### AASHTO Pavement Rehabilitation 2019 Series

- Hot-In-Place Recycling
- Cold-In-Place Recycling
- Full-Depth Reclamation
- Pavement Markings

##### American Stormwater Institute (ASI)

- 2020 Qualified Construction Stormwater Inspector Course (QCSI)

#### Construction Safety

- Heartsaver First Aid/ CPR/AED (Current)
- OSHA HAZWOPER 40-hour
- Work Zone Traffic Control
- OSHA Confined Space



University District Development:  
Asphalt Paving Operations for New Street Construction.

**City of Santa Rosa, North Trunk Sewer Main Installation Project:** One of the inspectors on this significant CIP infrastructure project that was almost 2 years in construction and had a dedicated third party media communications firm involved for the on-going public outreach efforts. The Project upgraded a deteriorating 50 yr old sewer trunk main via a combination of conventional open-cut installations and various methods of trenchless technologies in very challenging geotechnical conditions. Conditions required night, weekend and sometimes 24/7 inspection coverage.

**University District/Vast Oak Land Development Project Phase 2, City of Rohnert Park:** On-Call Construction Inspector for the fast-paced Phase 2 site development of the new Vast Oak subdivision by Brookfield Homes. Located just off of Rohnert Park Expressway, the large housing project will construct 1,645 residential units, 100,000 square feet of commercial space, and 20 acres of parks. Sitework consists of on- and off- site grading, the installation of public utilities, and the construction of surface streets, public parks and landscape improvements. Requires close coordination with the developer to efficiently incorporate all Plan revisions. Also requires coordinating the simultaneous activities of a multi-disciplinary contractor crews. Challenges to date include the lowering of a new water main to accommodate a change in site layout.

**Kerry Road Bridge Improvements at University District Vast Oak Development, City of Rohnert Park:** On-Call Construction Inspector for the installation of a 60-foot-long precast slab, Load and Resistance Factor (LRFD) bridge over Hinebaugh Creek. Bridge elements include precast girders and integrated utilities – wet (water/recycled water) & dry (gas/electric). Required conformance with multiple environmental permits which restricted work within creek banks.

### RELATED PROJECT EXPERIENCE (W/ ARGONAUT CONSTRUCTORS)

**Substitute Foreman, Pipe Layer, and/or Punch List Supervisor for the following development projects.** Work involved underground pipeline (Water, Sewer, Storm Drain) installation and testing and/or new pavement construction. Required close coordination with Construction Inspectors to achieve project compliance per all applicable standards.

#### Site Development for Various Residential and Commercial Subdivisions

- Skyfarm at Fountaingrove, City of Santa Rosa. High-end residential neighborhood of single-family homes which has been in continuous development since 1994. Challenges included steep terrain.
- Varena Retirement Community at Fountaingrove, City of Santa Rosa. High-end luxury retirement complex consisting of a three-story main building, 75,000 square feet of community space, two additional two-story apartment buildings, and detached homes. Challenges included steep terrain and the installation of miles-long, multi-level piping.
- Skyhawk Community, City of Santa Rosa. Hillside residential neighborhood consisting of single family homes within northeastern Santa Rosa. In phased development since 1994. Challenges included steep terrain.

**Rohnert Park Expressway Water Transmission Improvements, City of Rohnert Park:** Construction of a 4,800-foot-long, 16-inch diameter, PVC DR18 water transmission main within the limits of the Rohnert Park Expressway from the Sonoma County Water Agency (SCWA) aqueduct to Snyder Lane. Included the installation of two pressure regulating stations, a metering station with radio telemetry, various types of pipeline connections to the existing main (tapping sleeve, tee, inline, and flange), all appurtenances, trench paving, and pavement re-stripping. Challenges included working on a high-traffic-volume roadway in close proximity to schools – including Sonoma State University, coordination with SCWA, re-routed pedestrian traffic at intersections, and specialized electrical installations.



Joey has over 25 years of experience working in the construction industry. With his construction experience, Joey has accumulated knowledge in sewer and water main work, retaining walls, and significant paving projects. He obtained considerable amount of expertise working with two large civil construction contractors, which assisted him well when transitioning to the Green Valley Consulting Engineering team. His knowledge has aided him in successfully undertaking various projects and he satisfies clients with the quality of work he delivers. Since working with Green Valley, Joey's versatility in various areas of the construction field aided him in consistently keeping up with fast-paced projects and working with contractors to meet the client's goals and standards.

**RELATED PROJECT EXPERIENCE**

**Training & Certifications**

- Hazmat Certification
- First Aide / CPR Certification
- ADA Compliant Curb Ramps
- Causes and Prevention of Concrete Surface Imperfections

**Skills & Trades**

- Heavy Equipment Operation
- Underground Utilities
- Paving and Concrete Work
- Traffic Control and Safety
- Landscaping
- Hand and Power Tool Operation
- Carpentry



University District Development:  
Asphalt Paving Operations for New Street Construction.

*"Erich and I were recently discussing the North Trunk Sewer Project currently underway and both realized that the threshold described below warranted pausing and celebrating 'what just happened.' Of note, the bore and jack process is done, and produced what was intended: a new sewer up to 35' below the ground surface. This is no small feat! Most sewers are built with a standard 'open cut'/trench technique, but that doesn't work well, if at all, for very deep sewers in narrow construction corridors, which was the condition of a fair amount of this particular project area. The Team essentially built a sewer through a hill, in a sense."  
- Mike Prinz, Deputy Director  
City of Santa Rosa,  
North Trunk Sewer Replacement*

**City of Santa Rosa, Pacific Avenue Reconstruction Project:** Joey was the lead inspector on the replacement of 1000 lineal feet of existing PVC water main within Pacific Ave. at Humboldt Street intersection due to hydrocarbons that were detected in the subgrade. The 8" and 10" water main replacement was located directly down the centerline of a very busy main thoroughfare which required constant oversight of traffic control measures, road detours, and advance signage. Inspection required in-depth knowledge of the City of Santa Rosa's blanket waivers to allow for this main to be installed near existing utilities. This water main replacement was installed without additional delay to the travelling public and completed within the estimated cost provided during design. Numerous appurtenances were installed including significant mainline valve "tees" at the intersection, new hydrants, mainline valves and water services and meters. Joey was commended by all for his working to keep traffic flowing.

**City of Santa Rosa, North Trunk Sewer Main Installation Project:** One of the two primary inspectors on this significant CIP infrastructure project that was almost 2 years in construction and had a dedicated third party media communications firm involved for the on-going public outreach efforts. The Project upgraded a deteriorating 50 yr old sewer trunk main via a combination of conventional open-cut installations and various methods of trenchless technologies in very challenging geotechnical conditions. Conditions required night, weekend and sometimes 24/7 inspection coverage. Joey was recognized by residents for his diligence in following up on issues associated with off hour work, and work directly impacting their homes.

**Crosstown Trunk Sewer Improvements, City of Santa Rosa:** Inspector for this fast paced 39" diameter sewer trunk main rehabilitation of over 1000 lf in total by trenchless CIPP method, including the lining of 60" SSMH's, all located in the heart of Santa Rosa necessitating work on weekends, nights and long days. The by-pass pumping system was located in a particularly sensitive setting with a high risk of vandalism and resultant damage to the year-round Santa Rosa Creek if damaged, necessitating him to personally patrol this layout at all hours to ensure the safety of his project. Project included compliance with permits, temporary utilities, safety measures, QA/QC, traffic control, testing, clean-up and punch list generation and completion.

**Joey provided full-time inspection on the following County of Marin Projects:**

- **2021 Road Sealant Phase 2:** The Annual Paving Maintenance Project for the County of Marin stretches about 9.5 miles. The roadways of this project are spread throughout the northern and southern parts of Marin County. With various crews spread throughout the county, our inspector managed all crews. Traffic control plans for this project were enforced to ensure the safety of the workers and the community. The project used two types of surface treatments for the roads: Microsurfacing and Slurry Seal. These surface treatments used a combination of asphalt emulsions, aggregate, and chemical additives to preserve the roadways and extend their lifespan. With these surface treatments, residents and commuters were able to drive over these newly paved roadways about 3 to 4 hours after the installation was complete.
- **2022 On-Call Inspection Services:** Our On-Call inspection services offered various tasks for our Construction Inspectors by the County of Marin.
- **2022 Road Sealant Phase 1:** The County of Marin required full-time Construction Inspection services for their annual \$3 million paving maintenance project. This project consisted of over 7 miles of rural and semi-rural county roads. The roadway surfaces were pretreated using a Chip Seal treatment on cracks to prevent further deterioration. This project used two types of surface treatment: Type II Micro Surfacing and Slurry Seal. These treatments are utilized for their quick installation and for enhancing the lifespan of the roadway. The size of this project required there to be multiple crews spread out throughout the county, with our inspector coordinating and managing them daily. The approved traffic control plans were enforced ensuring the safety of commuters and working crews.





**RELATED PROJECT EXPERIENCE**

**City of Santa Rosa, North Trunk Sewer Main Installation Project:** One of the two primary inspectors on this significant CIP infrastructure project that was almost 2 years in construction and had a dedicated third party media communications firm involved for the on-going public outreach efforts. The Project upgraded a deteriorating 50 yr old sewer trunk main via a combination of conventional open-cut installations and various methods of trenchless technologies in very challenging geotechnical conditions. Conditions required night, weekend and sometimes 24/7 inspection coverage. Nick was recognized by residents for his diligence in following up on issues associated with off hour work, and work directly impacting their homes.

**2019 Fulton Road Reconstruction, City of Santa Rosa.** Inspector for this high-profile \$4M pilot pavement project which set the precedent for future roadway rebuilds throughout the Bay Area. Faced with cost-prohibitive bids and high cost of traditional building materials (post-wildfires), the City chose a novel approach for reconstructing this mile-long stretch of Fulton Road. Roller-Compacted Concrete (RCC) proved an ideal alternative given its successful use in other structural applications (dams & runways). Additionally, he provided exceptional public outreach to ensure neighborhood safety and satisfaction given haul routes which extended through the residential streets of the City's west end. Project success also hinged on achieving smooth HMA pavement transitions at numerous intersections and side streets.

**2019 Street Construction Improvements, City of Cotati.** Inspector for a significant \$2.25M rehabilitation of an extensive paving rehabilitation in the heart of downtown Cotati and surrounding neighborhoods. The aggressive schedule required multiple weeks of both day work and round the clock night work and on-going public outreach with the business owners and residents. The work included mill grind and overlay of the heavily trafficked Old Redwood Highway and East Cotati Avenue, and various width pavements (avenues & courts) within the City's residential "L Section" just south of East Cotati Avenue. Included were digout repairs, the use of two separate pavement treatments – Full Depth Reclamation (FDR) and a two-inch Asphalt Concrete (AC) Overlay, the protection of attached curbs/gutters/sidewalks, fire hydrants, and storm drain structures, the rehabilitation of existing curb ramps to current ADA standards, wedge and conform grinding, stamped AC concrete crosswalks, in-street utility structure adjustments, the installation of speed cushions, pedestrian crosswalks at intersections, pavement striping and markings, hydrant markers, and pole signage. Coordinated with PG&E to mitigate unforeseen conflicts and proactively adjusted Inspector activity to maintain schedule. Completed with minimal punch list items and no construction claims. Ensured the implementation of a Traffic Control Plan which allowed for maximum detour notification for residents.

*"Everything has gone great with the project so far, in large part thanks to you guys!"*  
-Jonathan Caldwell  
City of Cotati

**University District/Vast Oak Land Development Project Phase 2, City of Rohnert Park.** On-Call Construction Inspector for the fast-paced Phase 2 site development of the new Vast Oak subdivision by Brookfield Homes. Located just off of Rohnert Park Expressway, the large housing project will construct 1,645 residential units, 100,000 square feet of commercial space, and 20 acres of parks. Sitework consists of on- and off- site grading, the installation of public utilities, and the construction of surface streets, public parks and landscape improvements. Requires close coordination with the developer to efficiently incorporate all Plan revisions. Also requires coordinating the simultaneous activities of a multi-disciplinary contractor crews. Challenges to date include the lowering of a new water main to accommodate a change in site layout.



University District Development:  
Asphalt Paving Operations for New Street Construction.

**Seismic Upgrades and Improvements Phase 4 and Various Site Improvements, City of Santa Rosa.** Inspection for seismic upgrades and improvements and site improvements for a total of six municipal water storage tanks and pump stations. Tank upgrades included concrete foundation replacements/reinforcements, mixing system additions, new shell access manholes, seal welding, interior/exterior recoating, new valve vaults and piping (w/ transition fittings & connections), and fixed access ladders. Involved complete electrical replacements (equipment pad w/power & telemetry panels and service conduits), and site improvements – storm drainage facilities, commercial driveway installation, asphalt apron replacement and sealcoat, and new self-closing gates, fencing, and area lighting. Required constant coordination with specialty inspectors (geotechnical, structural, welding, and certified coating), non-local contractors and specialty subconsultants, and the City's Building and Water Departments. Challenges included meeting OSHA safety regulations, tank containment during sandblasting & painting, existing soil remediation, and unforeseen tank conditions.

**Focused Experience**

- Heavy Equipment Operator
- Earthwork & Excavation for Residential & Commercial Development

**Training & Certifications**

**American Stormwater Institute (ASI)**

- 2020 Qualified Construction Stormwater Inspector Corse (QCSI)

**Construction Safety**

- Heartsaver First Aid/ CPR/AED (Current)

**Inspection Requirements**

- Construction Inspection of Traffic Signals
- ADA / Accessibility & Detectable Warning Systems: Complying with Government Guidelines
- CalAPA - Asphalt Pavement 101

**Continuing Education**

**AECDaily Education**

- Accessibility & Detectable Warning Systems
- Sustainable Water & Stormwater Management
- Design for Plantable Permeable Pavement
- Construction Productivity & Safety

**Heavy Equipment Operator**

- Excavator
- Trencher
- Forklift

**PROJECT AWARDS**

- 2021 CEAC Outstanding Local Streets and Roads: Fulton Road Reconstruction, Phase 1





Wayne has over 30 years of Public Agency experience, serving as a Senior Manager within his hometown Water District and as a business owner providing municipalities with (water/wastewater) system support and guidance. Since joining Green Valley, Wayne has expanded his technical expertise into the arenas of site development and transportation infrastructure. Most recently, he led three “fast-track” and very public Town of Windsor capital street improvement projects (detailed below) to successful completion. As such, he is most current on roadway construction methods, procedures, and materials. Despite his “natural” career transition, Wayne remains dedicated to his original objective of “making the future better”. His “ideal” project allows him to use his “wide breadth of knowledge, skills, and abilities”.

*“I wanted to give a shout out to Jared and especially Wayne, they have both been of great help and a great resource...”*

- Alessandro Ron  
 Novato Sanitary District

**RELATED PROJECT EXPERIENCE**

**Focused Experience**

- Focused 30-Year Career Working with All Aspects of Municipal Water/Wastewater Systems
- 19 Years Supervisory Experience including Environmental Management

**Training & Certifications**

**2019 Caltrans Inspection**

- Fundamentals of Inspection Practice UC Berkeley Tech Transfer

**AASHTO Pavement Rehabilitation 2019 Series**

- Hot-In-Place Recycling
- Cold-In-Place Recycling
- Full-Depth Reclamation
- Pavement Markings

**American Stormwater Institute (ASI)**

- 2020 Qualified Construction Stormwater Inspector Course (QCSI)

**Construction Safety**

- Heartsaver First Aid/ CPR/AED (Current)

**Inspection Requirements**

- ADA / Accessibility & Detectable Warning Systems: Complying with Government Guidelines

**Specialty Studies/Licenses**

- Distribution System Basics Certificate: American Water College
- Assembly Testing Technician (since 1991)
- Backflow Assembly Repair Technician (since 1993)
- Certified Expert Hydraulic Modeler: StormCAD & WaterCAD (since 2004)
- Water System Rate Studies (since 2006)

**2017–2018 Pavement Preservation Project, Town of Windsor, CA.** Inspection for the Town of Windsor’s Annual Pavement Maintenance Program which slurry-sealed (Type II) numerous streets, courts, and drives within three separate residential neighborhoods. Elements included crack sealing, modified digout repairs (to accommodate budget), Caltrans Standard thermoplastic pavement markings, striping, and reflective markers, and minor curb & gutter replacement. Detailed/Continuous Contractor coordination assured adequate public notification of street closures for all residents and local services (sanitation, mail, utilities) and provided for uninterrupted emergency access (fire, police, ambulance). Additionally, efforts were increased to accommodate the rehabilitation of an additional 20-plus streets.

**South Starr Road Improvements Project, Town of Windsor, CA.** Inspection for the installation of a new 6-foot wide, 581-foot-long Asphalt Concrete pathway along a heavily-travelled section of Starr Road (between Jaguar Way and Windsor River Road). It provides pedestrian safety for local school students, users of the local Keiser Community Park, and neighborhood residents traveling to/from the Town Square. Elements include roadway widening to accommodate a shared bicycle lane, ADA curb ramps, multiple driveway conforms, stormwater improvements (new pipes and manholes), and new street lighting, signage, and pavement markings/markers to improve existing traffic flow. Multiple subcontractors and vendors needed to be strictly managed to achieve project success given a fast-track, 45 day schedule. Public and crew safety required close oversight and well-coordinated traffic controls.

**Seismic Upgrades and Improvements Phase 4 and Various Site Improvements, City of Santa Rosa.** Inspection for seismic upgrades and improvements and site improvements for a total of six municipal water storage tanks and pump stations. Tank upgrades included concrete foundation replacements/reinforcements, mixing system additions, new shell access manholes, seal welding, interior/exterior recoating, new valve vaults and piping (w/ transition fittings & connections), and fixed access ladders. Involved complete electrical replacements (equipment pad w/power & telemetry panels and service conduits), and site improvements – storm drainage facilities, commercial driveway installation, asphalt apron replacement and sealcoat, and new self-closing gates, fencing, and area lighting. Required constant coordination with specialty inspectors (geotechnical, structural, welding, and certified coating), non-local contractors and specialty subconsultants, and the City’s Building and Water Departments. Challenges included meeting OSHA safety regulations, tank containment during sandblasting & painting, existing soil remediation, and unforeseen tank conditions.

**University District/Vast Oak Land Development Project, Rohnert Park, CA.** As-Needed Inspection for the site development of the new Vast Oak subdivision across from Sonoma State University’s Green Music Center. The “University District Specific Plan” includes 300 acres of land slated for 1,645 residential units, 100,000 square feet of commercial space, and 20 acres of community parks. Elements include on- and off- site grading, the installation of public utilities, and the construction of surface streets, public parks, and landscape improvements for three new residential neighborhoods. Green Valley was just “brought back on board” for Phase 2 construction which involves additional landscaping, bike trail installation, detention basin construction, and (adjacent) Rohnert Park Expressway modifications.



**University District Development:**  
*Asphalt Paving Operations for New Street Construction.*

**Shannon Ridge Production Facility, Nice, CA.** Prepared the necessary calculations and site plans required to obtain a Major Use Permit for the construction of a new wastewater system associated with wine production operations. Also provided permit application assistance and oversaw topographic survey efforts (also provided by Green Valley).





25  
years



**GREENVALLEY**  
CONSULTING ENGINEERS



**Construction & Inspection**

**Client Name:** City of Sebastopol  
**Project Description:** Bodega Avenue Bike Lanes and Rehabilitation Phase 1  
**Date:** June 12, 2023



**RATES ACTIVE FROM 7/01/2023 UNTIL 12/30/2023**

Classification:	Project Manager	Construction Manager	Construction Inspector	Construction Inspector OT	Backup Inspector	Admin	Direct Costs	Total Hours	Total Costs	Remarks
<b>Hourly Rates:</b>	<b>\$225</b>	<b>\$215</b>	<b>\$170</b>	<b>\$190</b>	<b>\$170</b>	<b>\$85</b>				
Task 1 - Pre-Construction Meeting & Start up		24	8			10		42	\$7,370	
Task 2 - Submittal Management								0	\$0	
Task 3 - Schedule Management								0	\$0	
Task 4 - Daily Field inspection & Documentation			330			20		350	\$57,800	Based on 55 WD's at 6 hr/day
Task 5 - Requests for Information (RFI)								0	\$0	
Task 6 - Construction Management		165				8		173	\$36,155	Based on 3 hrs/day
Task 7 - Change Order Management								0	\$0	
Task 8 - Payment Management								0	\$0	
Task 9 - Progress Meetings								0	\$0	
Task 10 - Public Relations and Notifications								0	\$0	
Task 11 - Reporting								0	\$0	
Task 12 - Closeout		30	12			10		52	\$9,340	
Inspector Daily Travel Fee									\$0	
Inspector Vehicle							\$5,250		\$5,250	\$15/hr while on jobsite
<b>Hours Total</b>	<b>0</b>	<b>219</b>	<b>350</b>	<b>0</b>	<b>0</b>	<b>48</b>				<b>Subtotal Not-To-Exceed Cost</b>
<b>Cost Total</b>	<b>\$0</b>	<b>\$47,085</b>	<b>\$59,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,080</b>	<b>\$5,250</b>	<b>617</b>	<b>\$115,915</b>	

Contingency (10%): \$0

\* For Clarity the CM hours have not been broken out into tasks, but can upon request

**Total Not-To-Exceed \$115,915**



**Construction & Inspection**

**Client Name:** City of Sebastopol  
**Project Description:** SR 116 & Bodega Ave Ped Improvements  
**Date:** June 12, 2023



**RATES ACTIVE FROM 7/01/2023 UNTIL 12/30/2023**

Classification:	Project Manager	Construction Manager	Construction Inspector	Construction Inspector OT	Backup Inspector	Admin	Direct Costs	Total Hours	Total Costs	Remarks
Hourly Rates:	\$225	\$215	\$170	\$190	\$170	\$85				
Task 1 - Pre-Construction Meeting & Start up		24	8			12		44	\$7,540	
Task 2 - Submittal Management								0	\$0	
Task 3 - Schedule Management								0	\$0	
Task 4 - Daily Field inspection & Documentation			100					100	\$17,000	Based on 25 WD's at 4 hr/day
Task 5 - Requests for Information (RFI)								0	\$0	
Task 6 - Construction Management		75				8		83	\$16,805	Based on 3 hrs/day
Task 7 - Change Order Management								0	\$0	
Task 8 - Payment Management								0	\$0	
Task 9 - Progress Meetings								0	\$0	
Task 10 - Public Relations and Notifications								0	\$0	
Task 11 - Reporting								0	\$0	
Task 12 - Closeout		40	14			14		68	\$12,170	
Inspector Daily Travel Fee									\$0	
Inspector Vehicle							\$1,830		\$1,830	\$15/hr while on jobsite
<b>Hours Total</b>	<b>0</b>	<b>139</b>	<b>122</b>	<b>0</b>	<b>0</b>	<b>34</b>				<b>Subtotal Not-To-Exceed Cost</b>
<b>Cost Total</b>	<b>\$0</b>	<b>\$29,885</b>	<b>\$20,740</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,890</b>	<b>\$1,830</b>	<b>295</b>	<b>\$55,345</b>	

Contingency (10%): \$0

\* For Clarity the CM hours have not been broken out into tasks, but can upon request

**Total Not-To-Exceed \$55,345**