

**AGREEMENT FOR PROFESSIONAL CONSULTANT  
GEOTECHNICAL AND MATERIAL TESTING SERVICES FOR  
PAVEMENT REHABILITATION FOR VARIOUS LOCAL STREETS (CDBG FY 22/23)  
PROJECT NO. 801 0094**

This Agreement is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_ 2022 (“Effective Date”) by and between the City of Moreno Valley, California, a municipal corporation, hereinafter described as "City," and **G3 Quality, Inc.**, a California corporation, hereinafter described as "Consultant."

**RECITALS**

WHEREAS, the City has determined it is in the public interest to proceed with the professional services hereinafter described as "Geotechnical and Material Testing Services for the Pavement Rehabilitation for Various Local Streets (CDBG FY 22/23)" Project hereinafter described as "PROJECT"; and

WHEREAS, the City has determined the Geotechnical and Material Testing Services involve the performance of professional and technical services of a temporary nature as more specifically described in Exhibit A (City's Request for Proposal) and Exhibit B (Consultant's Proposal) hereto; and

WHEREAS, the City has requested the Consultant to perform such Geotechnical and Material Testing Services for Capital Projects Division of the Public Works Department; and

WHEREAS, the Consultant is professionally qualified in California to perform the professional services as required, and hereby represents that it desires to and is professionally and legally capable of performing the services called for by this Agreement;

THEREFORE, the City and the Consultant, for the consideration hereinafter described, mutually agree as follows:

**DESCRIPTION OF SERVICES**

1. The services are to perform geotechnical and material testing for the construction of the PROJECT for compliance with construction drawings, specifications, applicable quality control standards, and applicable codes and regulations.

**SCOPE OF SERVICES**

2. The Consultant's scope of service is described on Exhibit B attached hereto and incorporated herein by this reference. In the event of a conflict, the City's Request for Proposals (Exhibit A) shall take precedence over the Consultant's Proposal.

3. The City's responsibility is described on Exhibit C attached hereto and incorporated herein by this reference.

**PAYMENT TERMS**

4. The City agrees to pay the Consultant and the Consultant agrees to receive a "Not-to-Exceed" fee of \$54,313.00 in accordance with the payment terms provided on Exhibit D attached hereto and incorporated herein by this reference.

**TIME FOR PERFORMANCE**

5. The Consultant shall commence services upon receipt of written direction to proceed from the City.

6. The Consultant shall perform the work described on Exhibits A and B in accordance with the start date as stated in the Notice to Proceed.

7. This Agreement shall be effective from effective date and shall continue in full force and effect date through **December 30, 2023**, subject to any earlier termination in accordance with this Agreement. The services of Consultant shall be completed in a sequence assuring expeditious completion, but in any event, all such services shall be completed prior to expiration of this Agreement.

8. (a) The Consultant agrees that the personnel, including the principal Project

**AGREEMENT FOR PROFESSIONALCONSULTANT SERVICES – PROJECT NO. 801 0094**

manager, and all subconsultants assigned to the Project by the Consultant, shall be subject to the prior approval of the City.

(b) No change in subconsultants or key personnel shall be made by the Consultant without written prior approval of the City.

**SPECIAL PROVISIONS**

9. It is understood and agreed that the Consultant is, and at all times shall be, an independent contractor and nothing contained herein shall be construed as making the Consultant or any individual whose compensation for services is paid by the Consultant, an agent or employee of the City, or authorizing the Consultant to create or assume any obligation or liability for or on behalf of the City.

10. The Consultant may also retain or subcontract for the services of other necessary consultants with the prior written approval of the City. Payment for such services shall be the responsibility of the Consultant. Any and all subconsultants employed by the Consultant shall be subject to the terms and conditions of this Agreement, except that the City shall have no obligation to pay any subconsultant for services rendered on the Project.

11. The Consultant and the City agree to use reasonable care and diligence to perform their respective services under this Agreement.

12. The Consultant shall comply with applicable federal, state, and local laws in the performance of work under this Agreement.

13. To the extent required by controlling federal, state and local law, Consultant shall not employ discriminatory practices in the provision of services, employment of personnel, or in any other respect on the basis of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex, age, sexual orientation, ethnicity, status as a disabled veteran or veteran of the Vietnam era. Subject to the foregoing and during the performance of this Agreement, Consultant agrees as follows:

**AGREEMENT FOR PROFESSIONALCONSULTANT SERVICES – PROJECT NO. 801 0094**

(a) Consultant will comply with all applicable laws and regulations providing that no person shall, on the grounds of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex, age, sexual orientation, ethnicity, status as a disabled veteran or veteran of the Vietnam era be excluded from participation in, be denied the benefits of, or be subject to discrimination under any program or activity made possible by or resulting from this Agreement.

(b) Consultant will not discriminate against any employee or applicant for employment because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex, age, sexual orientation, ethnicity, status as a disabled veteran or veteran of the Vietnam era. Consultant shall ensure that applicants are employed, and the employees are treated during employment, without regard to their race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex, age, sexual orientation, ethnicity, status as a disabled veteran or veteran of the Vietnam era. Such requirement shall apply to Consultant's employment practices including, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. Consultant agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provision of this nondiscrimination clause.

(c) Consultant will, in all solicitations or advertisements for employees placed by or on behalf of Consultant in pursuit hereof, state that all qualified applicants will receive consideration for employment without regard to race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, sex, age, sexual orientation, ethnicity, status as a disabled veteran or veteran of the Vietnam era.

(d) If Consultant should subcontract all or any portion of the services to be

**AGREEMENT FOR PROFESSIONALCONSULTANT SERVICES – PROJECT NO. 801 0094**

performed under this Agreement, Consultant shall cause each subcontractor to also comply with the requirements of this Section 13.

14. To the furthest extent allowed by law (including California Civil Code section 2782.8 if applicable), Consultant shall indemnify, hold harmless and defend the City, the Moreno Valley Community Services District (“CSD”), the Moreno Valley Housing Authority (“Housing Authority”) and each of their officers, officials, employees, agents and volunteers from any and all loss, liability, fines, penalties, forfeitures, costs and damages (whether in contract, tort or strict liability, including but not limited to personal injury, death at any time and property damage), and from any and all claims, demands and actions in law or equity (including reasonable attorney's fees and litigation expenses) that arise out of, pertain to, or relate to the negligence, recklessness or willful misconduct of Consultant, its principals, officers, employees, agents or volunteers in the performance of this Agreement.

If Consultant should subcontract all or any portion of the services to be performed under this Agreement, Consultant shall require each subcontractor to indemnify, hold harmless and defend City, CSD, Housing Authority and each of their officers, officials, employees, agents and volunteers in accordance with the terms of the preceding paragraph.

This section shall survive termination or expiration of this Agreement.

15. Insurance.

(a) Throughout the life of this Agreement, Consultant shall pay for and maintain in full force and effect all insurance as required in **Exhibit E** or as may be authorized in writing by the City Manager or his/her designee at any time and in his/her sole discretion.

(b) If at any time during the life of the Agreement or any extension, Consultant or any of its subcontractors fail to maintain any required insurance in full force and effect, all services and work under this Agreement shall be discontinued immediately, and all payments due or that become due to Consultant shall be withheld until notice is received by City that the

**AGREEMENT FOR PROFESSIONALCONSULTANT SERVICES – PROJECT NO. 801 0094**

required insurance has been restored to full force and effect and that the premiums therefore have been paid for a period satisfactory to City. Any failure to maintain the required insurance shall be sufficient cause for City to terminate this Agreement. No action taken by City pursuant to this section shall in any way relieve Consultant of its responsibilities under this Agreement. The phrase “fail to maintain any required insurance” shall include, without limitation, notification received by City that an insurer has commenced proceedings, or has had proceedings commenced against it, indicating that the insurer is insolvent.

(c) The fact that insurance is obtained by Consultant shall not be deemed to release or diminish the liability of Consultant, including, without limitation, liability under the indemnity provisions of this Agreement. The duty to indemnify City shall apply to all claims and liability regardless of whether any insurance policies are applicable. The policy limits do not act as a limitation upon the amount of indemnification to be provided by Consultant. Approval or purchase of any insurance contracts or policies shall in no way relieve from liability nor limit the liability of Consultant, its principals, officers, agents, employees, persons under the supervision of Consultant, vendors, suppliers, invitees, consultants, sub-consultants, subcontractors, or anyone employed directly or indirectly by any of them.

(d) Upon request of City, Consultant shall immediately furnish City with a complete copy of any insurance policy required under this Agreement, including all endorsements, with said copy certified by the underwriter to be a true and correct copy of the original policy. This requirement shall survive expiration or termination of this Agreement.

(e) If Consultant should subcontract all or any portion of the services to be performed under this Agreement, Consultant shall require each subcontractor to provide insurance protection in favor of City and each of its officers, officials, employees, agents and volunteers in accordance with the terms of this section, except that any required certificates and applicable endorsements shall be on file with Consultant and City prior to the commencement

**AGREEMENT FOR PROFESSIONALCONSULTANT SERVICES – PROJECT NO. 801 0094**

of any services by the subcontractor.

16. The waiver by either party of a breach by the other of any provision of this Agreement shall not constitute a continuing waiver or a waiver of any subsequent breach of either the same or a different provision of this Agreement. No provisions of this Agreement may be waived unless in writing and signed by all parties to this Agreement. Waiver of any one provision herein shall not be deemed to be a waiver of any other provision herein.

17. Consultant and subconsultants shall pay prevailing wage rates when required by the Labor Laws of the State of California.

18. (a) The Consultant shall deliver to the Public Works Director/City Engineer of the City or his designated representative, fully completed and detailed project-related documents which shall become the property of the City. The Consultant may retain, for its files, copies of any and all material, including drawings, documents, and specifications, produced by the Consultant in performance of this Agreement.

(b) The Consultant shall be entitled to copies of all furnished materials for his files and his subconsultants, if any.

(c) The City agrees to hold the Consultant free and harmless from any claim arising from any unauthorized use of computations, maps, and other documents prepared or provided by the Consultant under this Agreement, if used by the City on other work without the permission of the Consultant. Consultant acknowledges that Consultant work product produced under this agreement may be public record under State law.

19. (a) This Agreement shall terminate without any liability of City to Consultant upon the earlier of: (i) Consultant's filing for protection under the federal bankruptcy laws, or any bankruptcy petition or petition for receiver commenced by a third party against Consultant; (ii) 10 calendar days prior written notice with or without cause by City to Consultant; (iii) City's non-appropriation of funds sufficient to meet its obligations hereunder during any City fiscal year of

**AGREEMENT FOR PROFESSIONALCONSULTANT SERVICES – PROJECT NO. 801 0094**

this Agreement, or insufficient funding for the Project; or (iv) expiration of this Agreement. The written notice shall specify the date of termination. Upon receipt of such notice, the Consultant may continue services on the project through the date of termination, provided that no service(s) shall be commenced or continued after receipt of the notice, which is not intended to protect the interest of the City. The City shall pay the Consultant within thirty (30) days after the date of termination for all non-objected to services performed by the Consultant in accordance herewith through the date of termination. Consultant shall not be paid for any work or services performed or costs incurred which reasonably could have been avoided.

(b) In the event of termination due to failure of Consultant to satisfactorily perform in accordance with the terms of this Agreement, City may withhold an amount that would otherwise be payable as an offset to, but not in excess of, City's damages caused by such failure. In no event shall any payment by City pursuant to this Agreement constitute a waiver by City of any breach of this Agreement which may then exist on the part of Consultant, nor shall such payment impair or prejudice any remedy available to City with respect to the breach.

(c) Upon any breach of this Agreement by Consultant, City may (i) exercise any right, remedy (in contract, law or equity), or privilege which may be available to it under applicable laws of the State of California or any other applicable law; (ii) proceed by appropriate court action to enforce the terms of the Agreement; and/or (iii) recover all direct, indirect, consequential, economic and incidental damages for the breach of the Agreement. If it is determined that City improperly terminated this Agreement for default, such termination shall be deemed a termination for convenience.

(d) Consultant shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of Consultant and without its fault or negligence such as, acts of God or the public enemy, acts of City in its contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common

**AGREEMENT FOR PROFESSIONALCONSULTANT SERVICES – PROJECT NO. 801 0094**

carriers. Consultant shall notify City in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, and shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to Administrator of the cessation of such occurrence.

20. This Agreement is binding upon the City and the Consultant and their successors and assigns. Except as otherwise provided herein, neither the City nor the Consultant shall assign, sublet, or transfer its interest in this Agreement or any part thereof without the prior written consent of the other.

21. A City representative shall be designated by the City and a Consultant representative shall be designated by the Consultant. The City representative and the Consultant representative shall be the primary contact person for each party regarding performance of this Agreement. The City representative shall cooperate with the Consultant, and the Consultant's representative shall cooperate with the City in all matters regarding this Agreement and in such a manner as will result in the performance of the services in a timely and expeditious fashion.

22. This Agreement represents the entire and integrated Agreement between the City and the Consultant, and supersedes all prior negotiations, representations or Agreements, either written or oral. This Agreement may be modified or amended only by a subsequent written Agreement signed by both parties.

23. Where the payment terms provide for compensation on a time and materials basis, the Consultant shall maintain adequate records to permit inspection and audit of the Consultant's time and materials charges under this Agreement. The Consultant shall make such records available to the City at the Consultant's office during normal business hours upon reasonable notice. Nothing herein shall convert such records into public records. Except as may be otherwise required by law, such records will be available only to the City. Such records shall be

**AGREEMENT FOR PROFESSIONALCONSULTANT SERVICES – PROJECT NO. 801 0094**

maintained by the Consultant for three (3) years following completion of the services under this Agreement.

24. The City and the Consultant agree, that to the extent permitted by law, until final approval by the City, all data shall be treated as confidential and will not be released to third parties without the prior written consent of both parties.

25. (a) Consultant shall comply, and require its subcontractors to comply, with all applicable (i) professional canons and requirements governing avoidance of impermissible client conflicts; and (ii) federal, state and local conflict of interest laws and regulations including, without limitation, California Government Code Section 1090 et. seq., the California Political Reform Act (California Government Code Section 87100 et. seq.) and the regulations of the Fair Political Practices Commission concerning disclosure and disqualification (2 California Code of Regulations Section 18700 et. seq.). At any time, upon written request of City, Consultant shall provide a written opinion of its legal counsel and that of any subcontractor that, after a due diligent inquiry, Consultant and the respective subcontractor(s) are in full compliance with all laws and regulations. Consultant shall take, and require its subcontractors to take, reasonable steps to avoid any appearance of a conflict of interest. Upon discovery of any facts giving rise to the appearance of a conflict of interest, Consultant shall immediately notify City of these facts in writing.

(b) In performing the work or services to be provided hereunder, Consultant shall not employ or retain the services of any person while such person either is employed by City or is a member of any City council, commission, board, committee, or similar City body. This requirement may be waived in writing by the City Manager, if no actual or potential conflict is involved.

(c) Consultant represents and warrants that it has not paid or agreed to pay any compensation, contingent or otherwise, direct or indirect, to solicit or procure this Agreement

**AGREEMENT FOR PROFESSIONALCONSULTANT SERVICES – PROJECT NO. 801 0094**

or any rights/benefits hereunder.

(d) Neither Consultant, nor any of Consultant’s subcontractors performing any services on this Project, shall bid for, assist anyone in the preparation of a bid for, or perform any services pursuant to, any other contract in connection with this Project unless fully disclosed to and approved by the City Manager, in advance and in writing. Consultant and any of its subcontractors shall have no interest, direct or indirect, in any other contract with a third party in connection with this Project unless such interest is in accordance with all applicable law and fully disclosed to and approved by the City Manager, in advance and in writing. Notwithstanding any approval given by the City Manager under this provision, Consultant shall remain responsible for complying with Section 25(a), above.

(e) If Consultant should subcontract all or any portion of the work to be performed or services to be provided under this Agreement, Consultant shall include the provisions of this Section 25 in each subcontract and require its subcontractors to comply therewith.

(f) This Section 25 shall survive expiration or termination of this Agreement.

26. All Plans, drawings, Specifications, reports, logs, and other documents prepared by the Consultant in its performance under this Agreement shall, upon completion of the project, be delivered to and be the property of the City, provided that the Consultant shall be entitled, at its own expense, to make copies thereof for its own use.

27. The laws of the State of California shall govern the rights, obligations, duties, and liabilities of the parties to this Agreement, and shall also govern the interpretation of this Agreement. Venue shall be vested in the Superior Court of the State of California, County of Riverside.

28. Consultant expressly waives any and all rights and benefits conferred upon it by the provisions of Section 1542 of the California Civil Code which reads as follows:

**AGREEMENT FOR PROFESSIONALCONSULTANT SERVICES – PROJECT NO. 801 0094**

“A general release does not extend to claims that the creditor or releasing party does not know or suspect to exist in his or her favor at the time of executing the release and that, if known by him or her, would have materially affected his or her settlement with the debtor or released party.”

This waiver shall be effective as a bar to any and all actions, fees, damages, losses, claims, liabilities and demands of whatsoever character, nature and kind that are known or unknown, or suspected or unsuspected, including, without limitation, claims of entitlements under the California Public Employees’ Retirement System (CalPERS) that are only afforded to employees and not independent contractors. Consultant further represents and warrants that it understands this waiver and that if it does not understand this waiver, it shall seek the advice of a qualified attorney before executing this Agreement.

Consultant hereby expressly agrees to clearly and conspicuously disclose to City in writing any and all persons working for Consultant who are retirees under the California Public Employees’ Retirement System (CalPERS) whom receives a monthly CalPERS retirement allowance, which may provide services to City under the Agreement, prior to such person performing any services thereunder. Nothing herein shall be deemed or interpreted to limited a CalPERS retiree’s obligations under applicable law, rules or regulations.

**SIGNATURE PAGE FOLLOWS**

IN WITNESS HEREOF, the parties have each caused their authorized representative to execute this Agreement.

City of Moreno Valley

G3 Quality, Inc.

BY: \_\_\_\_\_

Mike Lee, City Manager

\_\_\_\_\_  
Date

BY: \_\_\_\_\_

Name: \_\_\_\_\_

TITLE: \_\_\_\_\_  
(President or Vice President)

\_\_\_\_\_  
Date

<p style="text-align: center;"><b><u>INTERNAL USE ONLY</u></b></p> <p>APPROVED AS TO LEGAL FORM:</p> <p>_____ City Attorney</p> <p>_____ Date</p> <p>RECOMMENDED FOR APPROVAL:</p> <p>_____ Department Head</p> <p>_____ Date</p>
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BY: \_\_\_\_\_

Name: \_\_\_\_\_

TITLE: \_\_\_\_\_  
(Corporate Secretary)

\_\_\_\_\_  
Date

- Enclosures: Exhibit "A" – City's Request for Proposal  
Exhibit "B" – Consultant's Proposal  
Exhibit "C" – City's Services to be Provided to Consultant  
Exhibit "D" – Terms of Payment  
Exhibit "E" – Insurance Requirements

EXHIBIT "A"

**City of Moreno Valley**



***Request for Proposals***  
***Professional Geotechnical and Material Testing Services***

**Project No. 801 0090**

**Citywide Pavement Rehabilitation Program Fiscal Years 26/27 to 30/31  
(Local Streets)**

**and**

**Project No. 801 0094**

**Pavement Rehabilitation for Various Local Streets (CDBG FY 2022-23)**

**Proposal Due Date:**

September 14, 2022 at 2:00 pm, PST

**Submit proposal online at:**

<https://www.planetbids.com/portal/portal.cfm?CompanyID=24660>

**Contact:**

Capital Projects Division

Email: [techinfo-capproj@moval.org](mailto:techinfo-capproj@moval.org)

Phone: (951) 413-3130

## I. Invitation

You are hereby invited to submit a Proposal for Geotechnical and Material Testing Services for two (2) projects, Project Nos. 801 0090 and 801 0094, for the City of Moreno Valley. Interested parties may register and download copies of the Request for Proposal (RFP) via City's online vendor portal at:

**<http://www.planetbids.com/portal/portal.cfm?CompanyID=24660>**

Proposals shall be submitted electronically (in PDF format) utilizing the above City's vendor portal.

**NOTE: The proposer shall submit a separate electronic file for their technical proposal and two (2) separate electric files for cost proposals, one cost proposal for each project.**

The proposer is solely responsible for "on time" submission of their electronic proposal. The City will only consider proposals that have been transmitted successfully and have been issued an ebid confirmation number with a time stamp from the Bid Management System indicating that bid was submitted successfully. Transmission of proposals by any other means will not be accepted. Proposer shall be solely responsible for informing itself with respect to the proper utilization of the proposal management system, for ensuring the capability of their computer system to upload the required documents, and for the stability of their internet service. Failure of the proposer to successfully submit an electronic proposal shall be at the proposer's sole risk and no relief will be given for late and/or improperly submitted proposals. Proposers experiencing any technical difficulties with the proposal submission process may contact PlanetBids directly at (818) 992-1771. Neither the City, nor PlanetBids, makes any guarantee as to the timely availability of assistance, or assurance that any given problem will be resolved by the proposal submission deadline.

## II. Schedule of Important Dates

The following dates are critical in order to have the required services start in November 2022.

	DATE	EVENT
1	September 14, 2022	Proposal due date
2	September 30, 2022	Proposals Review and Consultant Selection Complete
3	October 4, 2022	Service Contract Award by City Council
4	November 1, 2022	Start of Service

## III. Scope of Services

The City of Moreno Valley seeks the submission of proposals to provide Geotechnical and Material Testing Services for the Citywide Pavement Rehabilitation Program – Local Streets (Project No. 801 0090) and the Pavement Rehabilitation for Various Local Streets – CDBG FY

2022-23 (Project No. 801 0094) for the Capital Projects Division from interested and qualified proposers. The geotechnical and material testing services shall effectively and efficiently ensure that all work complies with the approved construction documents and applicable codes and regulations.

These projects provide pavement rehabilitation and preservation for approximately 580 local street segments throughout the City. The work includes localized pavement repairs; crack sealing; application of Type 2 slurry seal; removal and replacement of asphalt pavement surfaces; installation of permanent traffic video detector; and reestablishment of traffic striping and signs. The work also includes the reconstruction on Grant Street with curbs, gutters, sidewalks and new pavement section. The projects include base bid work items and additive bid work items with a total of 150 working days for the Contractor to complete the construction of Project No. 801 0090 and 80 working days for Project No. 801 0094.

Please refer to project's Contract Documents (Attachments D and E) and Construction Plans (Attachments F and G) for more information.

The consultant is to provide the following material sampling and testing services for conformance with the project specifications. The required services involved in this project are summarized as follows:

Pre-production Testing of Slurry Seal - Testing of slurry seal mix design which is to be reviewed by a registered Civil Engineer or Geotechnical Engineer; mix design conformance testing on the aggregate, emulsion, and accelerator/retardant to be used; testing the emulsion to determine particle charge, distillation, percent residue, and viscosity SSF; testing the aggregate to determine the washed gradation; determining sand equivalents; and obtain field samples for extraction tests, consistency tests, and wet track abrasion tests to confirm mix design compliance.

Production Testing of Slurry Seal – Sample and test materials twice weekly for percent emulsion, percent residual asphalt, consistency, and wet track abrasion, with testing scheduled within 24-hours of the Inspector's request for tests. Documentation of the test results shall be made available immediately in the field, followed by faxed reports within 48-hours to the City and the Contractor with a more formal file document to follow.

Construction observation and testing of aggregate base and subgrade materials – observe the scarification and re-compaction processes of the subgrade materials, observe the placement process of the aggregate base, and perform material and compaction testing for compliance with the project specifications.

Testing of HMA/ ARHM and Placement Observation – Review mix design, observe and perform testing for construction activities including but not limited to subgrade preparation and re-compaction of soft areas, placement of aggregate base, and placement of asphalt hot mix base course and re-compaction, and ARHM surfacing or final HMA cap paving and compaction.

Testing of PCC – Review mix design and perform testing on PCC materials to be used for access ramps reconstruction.

The consultant may be requested to perform additional work as requested and approved in advance by the City (if budget allows) as necessary to complete the project.

#### **IV. Community Workforce Agreement:**

For project construction contract cost is \$1,000,000 or more, the Consultant and each Subconsultant (if any) shall execute a **Letter of Assent** which formally binds the Consultant and Subconsultant(s) to the terms of the Community Workforce Agreement by and Between the City of Moreno Valley and San Bernardino/Riverside Counties Building and Construction Trades Council, AFL-CIO and the Signatory Craft Councils and Unions ("CWA"). A copy of the CWA and the Letter of Assent is attached as Appendix C for reference. By submitting a proposal for the requested services, the Consultant and Subconsultant(s) acknowledge that they have read the CWA and will execute the Letter of Assent binding themselves to the terms of the CWA applicable to this project, and will provide copies of the sign Letters of Assent to the City prior to performing any work on the project.

#### **V. Proposal Format**

Proposals shall be submitted electronically (in PDF format) utilizing the above City's vendor portal. The proposer shall submit a separate electronic file for their technical proposal and a separate electric file for cost proposal.

The Consultant's Proposal shall be no more than 20 pages, excluding a cover letter of up to two pages, dividers, and certificates. Proposals failing to provide sufficient information and assurances of performance to accurately assess each category of the required services and failing to comply with requirements and conditions of the RFP will not be given further consideration

##### A. Technical Proposal

Technical Proposal should include, but not be limited to, the following items:

1. Proposer's approach and understanding of all necessary tasks and steps involved for completing the required services;
2. A detailed scope of services to reflect the methods and procedures that the proposer intends to use to provide the required services. The scope of services outlined in this RFP is only provided as a guide and does not include all the tasks as required to complete the work.
3. List of staff member(s) who will provide the required services along with resume, certifications, and relevant experience. Please note that the City reserves the right to accept or reject any changes in the proposed staff member(s) during the term of the agreement.
4. List of similar projects or tasks performed by the proposed staff member(s).
5. Number of hours per week for each proposed staff that the firm can commit to provide the required services.
6. List of references.
7. Completed forms as required.

The following statement are required to be included in the proposal:

1. A statement that this RFP shall be incorporated in its entirety as a part of the Consultant's Proposal.
2. A statement that this RFP and the Consultant's Proposal will jointly become part of the Agreement for Professional Consultant Services for this project when said Agreement is fully executed by the Consultant and the City of Moreno Valley.
3. A statement that the Consultant's Services to be provided, and fees therefore, will be in accordance with the City's RFP except as otherwise specified in the Consultant's Proposal under the heading "ADDITIONS OR EXCEPTIONS TO THE CITY'S REQUEST FOR PROPOSAL."
4. A single and separate section with the heading "ADDITIONS OR EXCEPTIONS TO THE CITY'S REQUEST FOR PROPOSAL" (if needed) containing a complete and detailed description of all of the exceptions to the provisions and conditions of this RFP upon which the Consultant's Proposal is contingent and which shall take precedent over this RFP.
5. A statement of qualifications applicable to this project including the names, qualifications and proposed duties of the Consultant's Staff to be assigned to this project; a listing of recent similar projects completed including the names, titles, addresses and telephone numbers of the appropriate persons whom the City could contact. If one or more of the Consultant's staff should become unavailable, the Consultant may substitute other staff of at least equal competence only after prior written approval by the City.
6. A statement that the Consultant acknowledges to provide all necessary vehicles, equipment, tools, uniforms, all incidentals for the staff member(s) to perform the required services. Full compensation for providing vehicles, equipment, tools, uniforms, all incidentals shall be considered to be included in the 'Not-to-Exceed' fee as part of the Cost Proposal, and no additional compensation will be allowed therefor.
7. A resource allocation matrix must be submitted with the Proposal. The resource allocation matrix must list detailed tasks in rows and the appropriate individual (Job Title Only) as well as the number of hours that these individuals will be working on each task listed, will be included in adjacent columns.
8. A statement that the Consultant acknowledges and understands that the Consultant will provide a qualified alternate staff in the event of the primary staff is not able to come to work.
9. A statement that all charges for Consultant services is a "Not-to-Exceed" fee which must include conservatively estimated reimbursable expenses, as submitted with and made a part of said Consultant's Proposal.
10. A statement that the Consultant will document and provide the results of the work to the satisfaction of the City. This may include preparation of field and final reports, or similar evidence of attainment of the Agreement objectives.

11. A statement that said hourly rate schedule (which is to be included in the Cost Proposal as required below) is part of the Consultant's Proposal for use in invoicing for progress payments and for extra work incurred that is not part of this RFP.
12. A statement that the Consultant will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin.
13. A statement that all federal laws and regulations shall be adhered to notwithstanding any state or local laws and regulations. In a case of conflict between federal, state or local laws or regulations the strictest shall be adhered to.
14. A statement that the Consultant shall allow all authorized federal, state, county, and City officials access to place of work, books, documents, papers, fiscal, payroll, materials, and other relevant contract records pertinent to this special project. All relevant records shall be retained for at least three years.
15. A statement that the Consultant shall comply with the Davis-Bacon Fair Labor Standards Act (40 USC 276-a through a-7), and the implementation regulations issued pursuant thereto (29 CFR Section 1, 5), any amendments thereof and the California Labor Code. Pursuant to the said regulations, entitled "Federal Labor Standards Provisions," Federal Prevailing Wage Decision" and State of California prevailing wage rates, respectively.
16. A statement that the Consultant shall comply with the Copeland Anti-Kickback Act (18 USC 874) and the Implementation Regulation (29 CFR 3) issued pursuant thereto, and any amendments thereof.
17. A statement that the Consultant offers and agrees to assign to the City all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 USC Sec. 15) or under the Cartwright Act (Chapter 2 [commencing with Section 16700] of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services, or materials pursuant to the public works or the subcontract. This assignment shall be made and become effective at the time the City tenders final payment to the Consultant, without further acknowledgment by the parties.

**B. Cost Proposal**

Cost Proposal shall include, but not be limited to, the following items:

1. A "Not-to-Exceed" Fee that includes all costs associated with the delivery of the required services. The fee estimate shall be based on the number of hours staff member(s) are required to perform the required services for the duration of the project construction.
2. A rate schedule aligned with titles in the resource allocation matrix in Technical Proposal.

**VI. GENERAL COMPLIANCE WITH LAWS AND WAGE RATES**

The Consultant shall be required to comply with all federal, state, and local laws and ordinances applicable to the work. This includes compliance with prevailing wage rates and their payment in accordance with California Labor Code, Section 1775.

The Consultant is required to submit certified payrolls weekly. This applies to all applicable field personnel working on the project. In accordance with Section 1771.5 (b) (5) of the California Labor Code, the City will withhold payments when the payroll records are delinquent or inadequate.

Consultant expressly waives any and all rights and benefits conferred upon it by the provisions of Section 1542 of the California Civil Code which reads as follows:

“A general release does not extend to claims that the creditor or releasing party does not know or suspect to exist in his or her favor at the time of executing the release and that, if known by him or her, would have materially affected his or her settlement with the debtor or released party.”

This waiver shall be effective as a bar to any and all actions, fees, damages, losses, claims, liabilities and demands of whatsoever character, nature and kind that are known or unknown, or suspected or unsuspected, including, without limitation, claims of entitlements under the California Public Employees' Retirement System (CalPERS) that are only afforded to employees and not independent contractors. Consultant further represents and warrants that it understands this waiver and that if it does not understand this waiver, it shall seek the advice of a qualified attorney before executing this Agreement.

Consultant hereby expressly agrees to clearly and conspicuously disclose to City in writing any and all persons working for Consultant who are retirees under the California Public Employees' Retirement System (CalPERS) whom receives a monthly CalPERS retirement allowance, which may provide services to City under the Agreement, prior to such person performing any services thereunder. Nothing herein shall be deemed or interpreted to limited a CalPERS retiree's obligations under applicable law, rules or regulations.

## **VII. PAYMENT TO CONSULTANT AND INVOICING**

- A. This work is to be performed for a “Not-to-Exceed” Fee.
- B. The Consultant shall provide a “Cost Proposal” indicating the fee for individual staff member(s) with a “Not-to-Exceed” Fee which shall be the sum of all costs as described above.
- C. Consultant invoices shall be submitted to the City monthly for review and approval for payments.
- D. Invoices shall identify job title, person-hours, and costs incurred by each staff member.
- E. The City will pay the Consultant for work hours completed for each month.
- F. Reimbursement costs related to vehicle/transportation, mileage, printing, telephone, photograph, postage and delivery, equipment, tools, uniforms, all incidentals are to be included in the “Not-to-Exceed” Fee”.
- G. When the Consultant is performing, or is requested to perform, work beyond the scope of

service in the "Agreement for Professional Consultant Services," an "Amendment to the Agreement" will be executed between the City and Consultant.

- H. The Consultant shall receive no compensation for any re-work necessary as result of the Consultant's errors, omissions, or oversight.

## **VIII. INSURANCE**

Refer to Exhibit E of the Sample Agreement (Attachment B) for insurance requirements.

## **IX. INDEMNIFICATION**

A. The Consultant agrees to indemnify, defend, and save the City of Moreno Valley, the Moreno Valley Community Services District (CSD), and the Moreno Valley Housing Authority (MVHA), their officers, agents and employees harmless from any and all liability, claims, demands, damages, or injuries to any person, including injury to the Consultant's employees and all claims which arise from or are connected with the negligent performance of or failure to perform the work or other obligations of the Consultant under this Agreement, or are caused or claim to be caused by the negligent acts of the Consultant, its officers, agents or employees, or its subconsultant(s) or any person acting for the Consultant or under its control or direction; provided, however, that this indemnification and hold harmless shall not include claims arising from the sole negligence or willful misconduct of the City, MVHA, and CSD, their officers, agents or employees.

B. The City agrees to indemnify, defend and save the Consultant and their officers, agents and employees harmless from any and all liability, claims, damages or injuries to any person, including injury to the City's, MVHA's, and CSD's employees and all claims which arise from or are connected with the negligent performance or failure to perform the services or other obligations of the City under this Agreement, or are caused or claim to be caused by the negligent acts of the City, MVHA, and CSD, their officers, agents or employees, or its subcontractor(s) or any person acting for the City or under its control or direction; provided, however, that this indemnification and hold harmless shall not include any claims arising from the sole negligence or willful misconduct of the Consultant, its officers, agents, or employees (PCC 20103.6).

## **X. TERMINATION FOR CONVENIENCE OF THE CITY**

The City reserves the right to terminate the "Agreement for Professional Consultant Services" for the "convenience of the City" at any time by giving ten (10) days written notice to the Consultant of such termination and specifying the effective date thereof. All finished or unfinished drawings, maps, documents, field notes and other materials produced and procured by the Consultant under the said aforementioned Agreement is, at the option of the City, City property and shall be delivered to the City by the Consultant within ten (10) working days from the date of such termination. The City will reimburse the Consultant for all acceptable work performed as set forth in the executed Agreement.

## **XI. INDEPENDENT CONTRACTOR**

The Consultant's relationship to the City in the performance of the Consultant's services for this project is that of an independent Contractor. The personnel performing the said Services shall at all times be under the Consultant's exclusive direction and control and shall be employees of the

Consultant and not employees of the City. The Consultant shall pay all wages, salaries and other amounts due his employees in connection with the performance of said work shall be responsible for all employee reports and obligations, including but not necessarily restricted to, social security, income tax withholding, unemployment compensation, and Workers' Compensation.

## **XII. CONTRACT**

The Contract includes the Agreement for Professional Consultant Services, City's Request for Proposal, Consultant's Proposal, and Exhibits. The Political Reform Act and the City's Conflict of Interest Code require that Consultants be considered as potential filers of Statements of Economic Interest. Consultants, as defined by Section 18701, may be required to file an Economic Interest Statement (Form 700) within 30 days of signing a Consultant Agreement with the City, on an annual basis thereafter if the contract is still in place, and within 30 days of completion of the contract.

## **XIII. GENERAL CONDITIONS**

- A. Pre-contractual expenses are defined as expenses incurred by the Consultant in: (1) preparing the Proposal; (2) submitting the Proposal to the City; (3) presentation during selection interview; (4) negotiating with the City any matter related to this Proposal; (5) any other expenses incurred by the Consultant prior to an executed Agreement.

The City shall not, in any event, be liable for any pre-contractual expenses incurred by the Consultant.

- B. The City reserves the right to withdraw this RFP at any time without prior notice. Further, the City makes no representations that any Agreement will be awarded to any Consultant responding to this RFP. The City expressly reserves the right to postpone reviewing the Proposal for its own convenience and to reject any and all Proposals responding to this RFP without indicating any reasons for such rejection(s).
- C. The City reserves the right to reject any or all Proposals submitted. Any Contract awarded for these Consultant engagements will be made to the Consultant who, in the opinion of the City, is best qualified.

## **XIV. SELECTION CRITERIA**

- A. **The Firm's General Experience and Qualification Information** (20 points) – Information about the company including professional licenses held; ability to furnish required insurance and meet stipulations of the City's "boiler plate" agreement; details about comparable projects completed by the firm, as well as local experience; and its ability to provide the required services in an efficient and expeditious manner.
- B. **Experience of Key Personnel** (60 points) – Background experience of key personnel, credentials and certifications, abilities, familiarity with state and federal procedures and applicable standards and specifications, local experience on comparable projects and length of service with the firm, reference information preferably with municipal agencies,

and proven track record and depth of understanding/knowledge of the required services.

- C. **Understanding of Requested Service/Plans to Deliver Services** (20 points) – Understanding of the requested services and tasks, discussion of major issues identified on the project and how the Consultant team plans to address them; the methods and procedures to be used for providing the services; the management approach and organization necessary to complete the services; and outline quality control measures to ensure delivery of a quality product on time, within budget that provides a cost efficient, timely and predictable execution of work.

**XV. ATTACHMENTS**

- A. Non-Collusion Affidavit
- B. Sample Agreement
- C. Community Workforce Agreement
- D. Project No. 801 0090 Construction Plans
- E. Project No. 801 0090 Contract Documents
- F. Project No. 801 0094 Construction Plans
- G. Project No. 801 0094 Contract Documents

**Attachment A: Non-Collusion Affidavit**

Note: To be executed by Proposer and submitted with proposal.

State of \_\_\_\_\_  
(the State of the place of business)

County of \_\_\_\_\_  
(the County of the place of business)

\_\_\_\_\_, being first duly sworn, deposes and  
(name of the person signing this form)

says that he/she is \_\_\_\_\_ of  
(title of the person signing this form)

\_\_\_\_\_, the party making the foregoing bid  
(name of bidding company)

that such bid is not made in the interest of or on the behalf of any undisclosed person, partnership, company, association, organization or corporation; that such bid is genuine and not collusive or sham; that said bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that said bidder has not in any manner directly or indirectly sought by agreement, communication, or conference with anyone to fix the bid price of said bidder or of any other bidder or to fix any overhead profit, or cost element of such bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in such bid are true, and further, that said bidder has not directly or indirectly submitted his bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid and will not pay any fee in connection therewith, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, or to any other individual except to any person or persons as have a partnership or other financial interest with said bidder in the general business.

By: \_\_\_\_\_  
(signature)

Printed Name: \_\_\_\_\_  
(name of the person signing this form)

Title: \_\_\_\_\_  
(title of the person signing this form)

# EXHIBIT "B"



**Response to Request for Proposal  
Professional Geotechnical and Material  
Testing Services for Project No. 801 0090,  
Citywide Pavement Rehabilitation Program  
Fiscal Years 26/27 to 30/31 (Local Streets)  
and Project No. 801 0094, Pavement  
Rehabilitation for Various Local Streets (CDBG  
FY 2022-23)**



**September 14, 2022**

September 14, 2022

Proposal No. 2698

City of Moreno Valley  
Capital Projects Division  
14177 Frederick Street  
Moreno Valley, California 92553

**Subject: Response to Request for Proposals to Provide Professional Geotechnical and Material Testing Services for Project No. 801 0090 Citywide Pavement Rehabilitation Program Fiscal Years 26/27 to 30/31 (Local Streets) and Project No. 801 0094 Pavement Rehabilitation for Various Local Streets (CDBG FY 2022-23)**

Dear Selection Committee:

G3 Quality, Inc. (G3) provides the needed experience, knowledge and resources to the City of Moreno Valley to successfully deliver Geotechnical and Material Testing Services for the Citywide Pavement Rehabilitation Program for Local Streets. We are experts in flexible pavements and pavement preservation and understand the significance of overseeing materials testing and field observation on behalf of the City. G3 is dedicated to partnering with the City to ensure the materials incorporated into this year's citywide program meet the contract requirements and preserve the pavement improving mobility for the City's businesses and residents. G3 is aligned with your program to deliver:



**The Right Team with Extensive Experience.** G3 has partnered with numerous contractors, such as Hardy & Harper and RJ Noble, and construction management firms, such as GK&A, AECOM and FCG in Southern California to assist in delivering successful projects. Through our partnership with GK&A, our team has gained extensive experience working on similar projects including the City of Downey. We have assembled a team of experienced engineers, technical experts, Inspectors, Caltrans-certified materials testers, and laboratory technicians. Our team will be led by project manager, Jordan Roper, PE, who is an expert in quality program management and materials testing with extensive pavement design experience. Jordan will work closely with Chris Gerber, as Quality Program Director, harnessing over 25 years of experience with flexible pavements and pavement rehabilitation programs. Our proposed field inspectors/technicians are experts in the materials testing and inspection field and are highly knowledgeable, experienced and certified individuals with the ability to successfully deliver services to the City.



**In-Depth Technical Understanding, Proactive Communication and Meticulous Reporting.**

G3 has extensive experience supporting local agencies throughout California to provide inspection, sampling and materials testing services. Our specific expertise with pavement preservation treatments, rehabilitation strategies and major roadway construction consisting of slurry seals, ARHM, HMA and concrete pavements brings decades of experience to the City's consultant team. Our understanding of proper sampling and testing procedures in accordance with either Greenbook, Caltrans, or local assistance procedures manuals provides confidence that we will document and communicate effectively. Our team will provide detailed, timely, and meticulous reports through our electronic reporting system and we are excited to contribute to the success of this project.



**Local Resources.** Our Caltrans and AASHTO accredited laboratory is located in the City of Redlands, allowing for expedited delivery of samples from the various project sites in the City of Moreno Valley to our laboratory.

G3 looks forward to partnering with the City to deliver a successful, quality, timely, and on-budget project as the City of Moreno Valley makes this historic investment in the infrastructure of its community. Please contact Jordan Roper, PE directly at 562.321.9845 or [jroper@g3quality.com](mailto:jroper@g3quality.com) for any additional information or questions.

Best Regards,  
**G3 Quality, Inc.**

A blue ink signature of Chris C. Gerber.

Chris C. Gerber, President

A blue ink signature of Jordan Roper.

Jordan Roper, PE, Project Manager

1



# SECTION 1

## Approach & Understanding



# APPROACH & UNDERSTANDING

## COMPANY OVERVIEW

**G3 Quality, Inc. (G3) is a California-based, Small Business that has provided Quality Management, Engineering, Inspection, and Materials Testing Services since 2013.** We have successfully implemented Quality Programs on some of the most complex infrastructure projects throughout California, including pavement rehabilitation and preservation projects. Our team of over 125 full time technical staff include licensed engineers, construction inspectors, certified material testers and laboratory technicians that are specifically experienced in infrastructure projects. G3 brings materials engineering and quality management experts to the City of Moreno Valley that are leaders in materials innovation, sustainable design and are highly knowledgeable in construction inspection and materials testing.

G3 operates from its corporate office in Cerritos, California and additional laboratories and offices located in Redlands, Bakersfield, and Sacramento. **Located within minutes of the project sites, our local Redlands laboratory will provide exceptional service and response time due to its close proximity.** Our laboratory is accredited by Caltrans and AASHTO Resource for Quality Management Systems, including R-18, ASTM D3666, C1077, D3740, and E29. G3 also maintains fully integrated mobile laboratories to enhance project specific quality programs.

## PROJECT UNDERSTANDING

G3 understands that the City of Moreno Valley desires to partner with a qualified firm to provide geotechnical and materials testing services for the rehabilitation and preservation of approximately 580 local street segments throughout the City and that the work includes localized pavement repairs; crack sealing; application of Type 2 Slurry Seal; removal and replacement of asphalt pavement surfaces; installation of permanent traffic video detector; and reestablishment of traffic striping and signs. It is our understanding that the work also includes reconstruction on Grant street with curbs, gutters, sidewalks and new pavements sections. G3 understands material sampling and testing services will include:

<b>Material Sampling and Testing Services</b>	Pre-production testing of slurry seal
	Production testing of slurry seal
	Construction observation and testing of aggregate base and subgrade materials
	Testing of Hot Mix Asphalt (HMA) / Asphalt Rubber Hot Mix (ARHM) and placement observation
	Testing of Portland Cement Concrete (PCC)

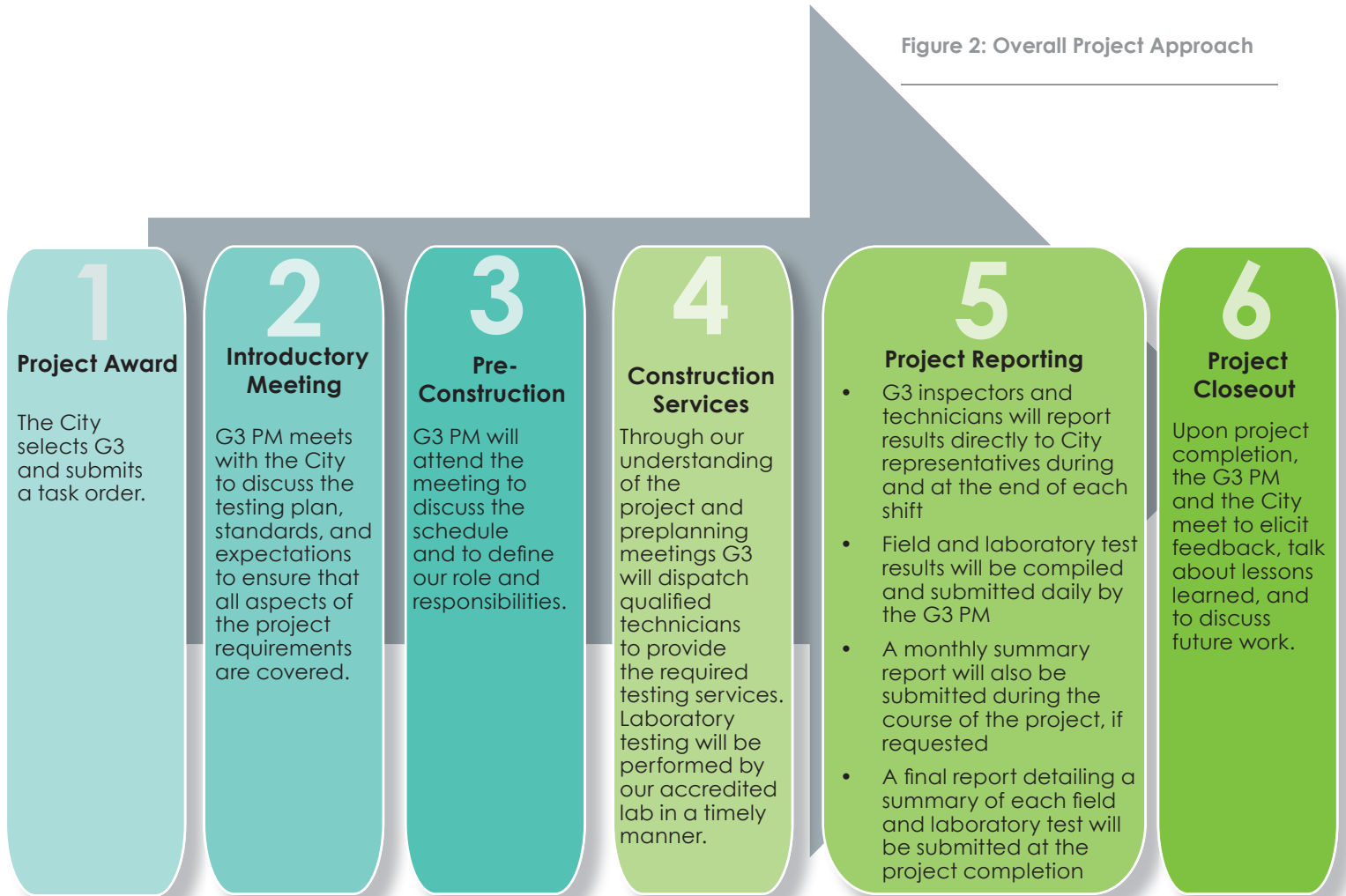
Based on our long-term experience providing geotechnical and materials testing services on road rehabilitation projects throughout California, we are confident G3 will provide value to the City in supporting your Citywide Pavement Rehabilitation Programs for local streets. Our experience on recent, similar projects brings the knowledge, work flow and technical expertise to successfully ensure a successful project. G3's services will be led by Jordan Roper, PE, who will provide materials control and technical support throughout the projects. His knowledge and experience with Caltrans and local agency projects and specifications allow him to lead the inspection and materials testing staff effectively. Jordan's experience allows him to develop and manage a QA testing budget that complies with local and federal requirements while working within the contractors schedule. **As Project Manager, Jordan is committed to the successful delivery of any project task and is ready to proactively begin working with you.** G3's credentialed inspectors and as needed materials testers will be utilizing real time reporting technology proprietary to G3 which enables real time information sharing, eliminating materials acceptance and inspection delays.



## PROJECT APPROACH

G3 is highly qualified to partner with the City to rehabilitate the local street segments identified in the City's plans and specifications. We offer an experienced team with the knowledge and experience in geotechnical and materials testing services to successfully delivery your project. **Our team is dedicated to the delivery of these City projects and will work diligently with your staff to create a culture of teamwork and collaboration that leads to project success.** Figure 2 below illustrates our overall project approach and outlines the quality control measures to ensure delivery of a quality product on time and within budget that provides a cost efficient, timely and predictable execution of work.

Figure 2: Overall Project Approach



2



# SECTION 2

## Scope of Services



# SCOPE OF SERVICES

## SCOPE OF SERVICES

Below we have provided a detailed scope of services reflecting the methods and procedures our team intends to utilize to provide the required services.



### Task 1 – Project Management and Administration

G3 will attend the pre-construction and weekly construction progress meetings, as necessary, and support the City with providing crucial requirements for a successful slurry seal project. Proposed Project Manger, Jordan Roper, PE, will review all project plans, specifications, and special provisions to understand the contract requirements. Jordan will work closely with the City's project manager to understand the work progress and upcoming critical activities. Jordan will provide as-needed technical support.

Based on this constant communication, prior to each activity or materials placement, G3 will hold an internal meeting with the project manager, field inspectors, and technicians to review the specific inspection and materials testing plan for the work, confirm that materials sources and designs have been verified, reviewed, and approved per the specification requirements to ensure the QAP testing frequencies are being followed. This meeting communicates and aligns the quality management and testing team to prepare for project tasks and enforce the project specifications, ensuring that the materials inspected, sampled, and tested will comply. Before materials placement, any preconstruction materials testing required will be completed to confirm the materials arriving at the project site meets project specifications.



### Task 2 – Pre-Production Testing of Slurry Seal

G3 will provide pre-production testing of slurry seal mix, including design verification, calibration and testing, to ensure the proposed materials delivered to the site comply with project specifications.

G3's locally Caltrans and nationally AASHTO accredited laboratories are locally capable to perform the required materials tests for your projects. In addition, **our laboratory has a strong reputation with Caltrans and the industry for providing accurate, reliable and timely results.** We will sample materials based on the City's requirements, as well as the local assistance procedures manual testing frequencies, to ensure that the proper acceptance testing is being performed. Testing includes:

- Mix design conformance testing on the aggregate, emulsion, and accelerator/retardant
- Emulsion testing to determine particle charge, distillation, percent residue, and viscosity SSF
- Aggregate testing to determine the washed gradation and determining sand equivalents

The mix design test results will be reviewed by Jordan Roper, PE, a California registered Civil Engineer.

### Task 3 – Production Testing of Slurry Seal

G3 will provide materials inspection and testing for slurry seal operations to ensure that all work complies with the approved construction documents and applicable codes and regulations. Our proposed field inspection staff understand the specific slurry procedures to ensure the materials meet the City's requirements. The field inspectors will verify that the slurry is spread evenly per standard requirements.

Material samples will be collected and tested for percent emulsion, percent residual asphalt, consistency, and wet track abrasion. Each inspector utilizes electronic reporting systems to notify the project team of any issues in real time. As such, documentation of the test results will be made available immediately for the City, followed by hard copies of the reports as requested.



### **Task 4 – Construction Observation and Testing of Aggregate Base and Subgrade Material**

During construction of the subgrade and aggregate base layers, we will provide a qualified pavement inspector to ensure the layers are moisture conditioned, uniform and compacted above minimum relative compaction and is ready to support a new pavement layer.

The inspector will observe any scarification and re-compaction processes of the subgrade materials, and observe the placement process of the aggregate base. Along with these critical items, G3's proposed inspectors are qualified to document and ensure compliance with the contract documents.



### **Task 5 – Testing of HMA/ARHM and Placement Observation**

We will provide an experienced and qualified pavement inspector to provide these services for the HMA/ARHM placement. During construction, our field inspector will meet each shift with the City's representative to discuss the day's operations. Each inspector utilizes electronic reporting systems to notify each other of any issues in real time. Materials will be sampled at the established sampling frequencies and tested at our laboratory facility. Should a non-compliant issue arise, the inspectors will notify Jordan Roper, PE—your Project Manager—of the issue. Jordan will then notify the City. Each non-compliant issue will be recorded and full reports will be made available to the City. The inspector will provide HMA/ARHM placement inspection, as discussed below.

### **HMA / ARHM Pavement Inspection**

The inspection observations from activities below will be presented in a daily inspection report along with any applicable field testing information. Inspection activities include:

- |    |   |
|----|---|
| 1  | Pre-pave pavement inspection for any deficiencies and verify compliant ambient temperature suitable for paving                            |
| 2  | Verify limits of pavement and quantity of materials ordered with the Foreman  |
| 3  | Verify proper mix design, source and equipment is onsite for the days paving  |
| 4  | Partner with the City's Inspector to review traffic control, resident or business access and address any concerns                         |
| 5  | Verify the correct mix is being delivered to the project and within the specified delivery temperatures                                   |
| 6  | Monitor the materials transfer to the paving machine  |
| 7  | Monitor the pavement thickness is properly set and the lines and grades are set for compliant pavement thickness at gutter or match lines |
| 8  | Verify proper compaction equipment is being utilized and consistent rolling procedures are implemented by the contractor                  |
| 9  | Inspect and continuously monitor workmanship  |
| 10 | Monitor compaction of HMA / AHRM lift with a calibrated nuclear gauge   |



## Task 6 – Testing of PCC

G3 inspectors will review mix designs and perform testing on PCC materials to be used for access ramps reconstruction. Our team includes certified inspectors and technicians who will verify concrete air content, unit weight, and slump/penetration during PCC Placement and cast concrete samples for strength testing to comply with project specifications.



## PROJECT REPORTING

G3 understands that communication is a key component to providing high quality project reporting deliverables and ensuring project effectiveness. We value clear communication throughout each project lifecycle, which includes:

- **Field and laboratory tests results** which are compiled and submitted daily by the G3 Project Manager, Jordan Roper, PE. The daily reports also include quality assurance reports during laydown operations detailing the field recommendations.
- **Daily shift results** which are provided directly to City representatives by G3 inspectors and technicians during and at the end of each shift. The daily reports detail the construction activities for the day, limits of construction, testing conducted, and any non compliances.
- **A monthly summary report** may also be submitted during the course of the project, if requested.
- **A Final report** detailing a summary of each field and laboratory test which will be submitted at the project completion.
- **Project budget tracking** and management to ensure the project stays within the not-to-exceed budget.

## PROJECT CHALLENGES AND OPPORTUNITIES

G3 has thoroughly reviewed the RFP for the Pavement Rehabilitation Program and foresees the challenges and opportunities identified in the table below.

**Table 2. Project Challenges and Opportunities**

CHALLENGE	MITIGATIONS AND OPPORTUNITIES
Desire for continual communication of work progress and any and all issues arising during construction.	<ul style="list-style-type: none"> <li>• G3's approach of preconstruction planning will eliminate any inspection and testing confusion during the crucial phases.</li> <li>• Our technological reporting approach will allow for non-conformities to be communicated to the project team immediately so they can be addressed.</li> <li>• Should a non-compliant issue arise during any phase of the rehabilitation, the inspectors will notify Jordan Roper and the engineer's representative immediately and clearly document issues in daily and weekly reports.</li> </ul>
Timely resolution of resident-related issues during the project phase scheduled and allowable disruption to roadway operation	<ul style="list-style-type: none"> <li>• G3's approach of preconstruction planning and proactive communication will reduce disruption to roadway operation.</li> <li>• In the event of resident-related issues during the project phase, G3 will notify and work with the City to resolve issues.</li> </ul>

**Table 2. Project Challenges and Opportunities**

CHALLENGE	MITIGATIONS AND OPPORTUNITIES
Potential unsuitable soils	<ul style="list-style-type: none"> <li>G3 understands the role that the subgrade surface plays in supporting pavement. Areas that exhibit fatigue distress or potholing are often due to poor subgrade issues. G3 will monitor the subgrade material in these areas to ensure the subgrade can support the pavement. G3 engineers can provide subgrade stabilization recommendations in a timely manner if poor soil conditions are encountered.</li> </ul>

## QUALIFICATIONS

G3 is highly experience and qualified in providing the services required by the City, below we have detailed our qualifications relevant to the scope of services for this project.



### Slurry Seal Inspection and Testing

G3 understands the importance of the design and use of high quality slurry seal to extend the lifespan of pavements. We have the experience and knowledge of performing pre-production testing of slurry seal mix designs, which includes testing the aggregate, emulsion, and accelerator/retardant. We measure the particle charge, distillation, percent residue, and viscosity SSF, washed gradation, sand equivalents, consistency, and wet track abrasion.

G3 also performs production testing of asphalt emulsion to test the residual asphalt, consistency, and wet track abrasion. During construction activities, G3 performs placement observations, extracts samples, and conducts materials testing for compliance.



### Onsite Materials Testing and Inspection

G3 provides field inspectors and technicians who are local to your project, are multi-certified, and highly qualified individuals that take pride in the success of each project. As a Local 12 Operating Engineers signatory firm, all our field inspectors and testers are G3 employees. They abide by the G3 way and our company's values providing a true project partnership every day on your project. They are the foundation of our field services and take pride in their work.

Our field services department specializes in providing inspection and testing services for some of the most complex and challenging infrastructure projects. Our inspectors and technicians are Caltrans, ACI, CWI, AWS, and ICC certified professionals.



### Laboratory Testing Services

G3 prides itself in its materials testing capabilities through its state-of-the-art and efficient laboratories. **Each laboratory is accredited by Caltrans, AMRL, CCRL, and Army Corps of Engineers.** The testing equipment is routinely calibrated and maintained to the highest standards. In addition, G3 utilizes a fully electronic and traceable workflow process efficiently logging, testing and reporting materials testing data through our laboratory information management system QualityConnect™. QualityConnect™ is G3's custom software application that delivers intricate laboratory testing data in real time to our clients. G3's laboratories are fully accredited and capable of performing the required tests under this request for proposal.

3



# SECTION 3

## Project Team

# 3

## PROJECT TEAM

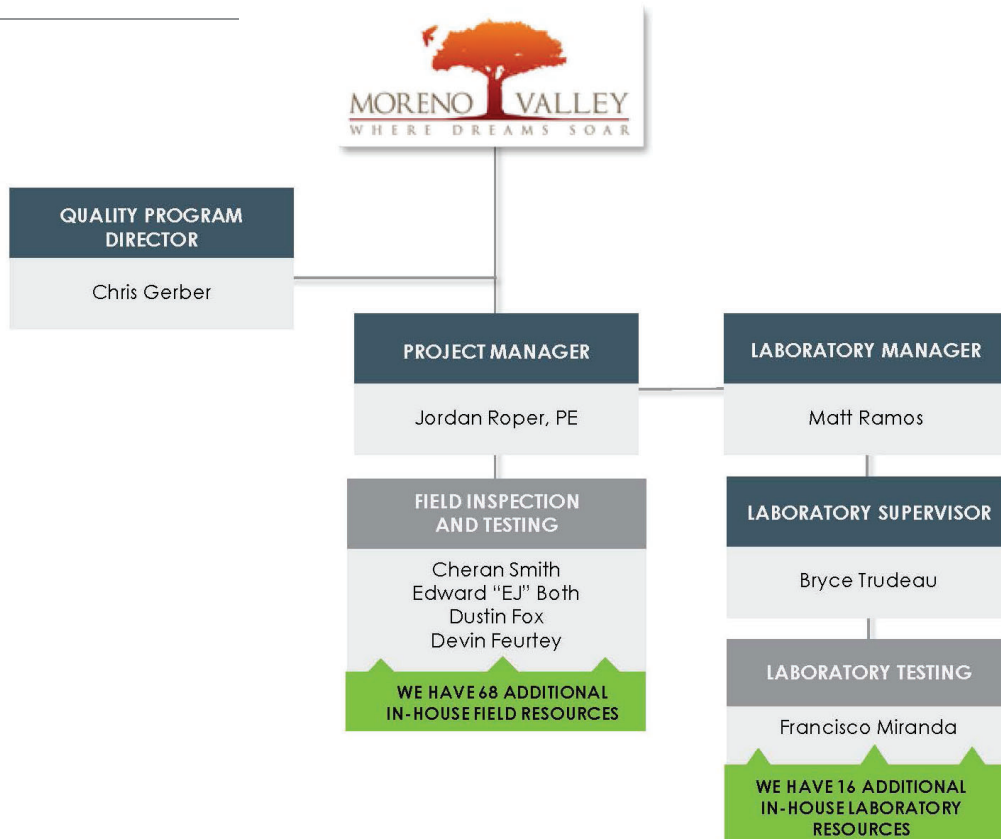
The organization chart below (Figure 3) illustrates our team structure, including our experienced senior project manager, Jordan Roper, PE. He will be responsible for the delivery of services listed in the City's scope and will be the main Point of Contact for the day-to-day operations for the project services. Our team of over 125 full time technical staff include licensed engineers, construction inspectors, certified materials testers and laboratory technicians that are specifically experienced in Caltrans and local agency infrastructure projects. **Our effective, efficient resources afford us the ability to quickly respond to the complex work schedule, including simultaneous projects and night and weekend shifts.**

The value G3 brings to the City's projects is best described by its availability and vast experience of its technical experts. The following pages provide brief biographies of team members that provide the City with resources to successfully deliver your projects. **The G3 team will partner with the City with the common goal of high quality, on time and on budget project delivery.**

Resumes are provided in Appendix A. As requested in the RFP, project personnel will not be changed without prior written approval from the City. **Our project team is 100% committed to the City for the duration of the program and project tasks.**

*Our workload is managed in such a way that we can quickly mobilize, even in an emergency scenario.* We understand that project work doesn't always happen between "nine to five," and we're ready to work with you and communicate consistently. We are accustomed to staffing around construction schedules and will be responsive to all potential night and weekend work.

Figure 3: Organization Chart





### JORDAN ROPER, PE | PROJECT MANAGER

Jordan is a Professional Engineer with specific expertise in Quality Assurance Program Management, Pavement Evaluation and Design. He has over 11 years of experience providing geotechnical engineering and materials testing services and has experience on similar projects such as the City of Rialto 2020/2021 Street Overlay and Reconstruction Program. Jordan specializes in materials inspection and testing for HMA, ARHM, and slurry projects. As a result of Jordan's experience and relationships with many local contractors and construction management firms, he is able to effectively manage a wide range of projects. **As Project Manager, Jordan will apply his expertise to ensure materials are in compliance with the required specifications and all projects are completed on time and within budget. Jordan is dedicated to this project and commits to being in close contact with the City to ensure project needs are met and any issues that arise are addressed.**



### CHRIS GERBER | QUALITY PROGRAM DIRECTOR

Chris has 24 years of experience with public works infrastructure projects focused on pavement preservation, resurfacing, reconstruction, quality assurance and quality control services throughout California. As G3's founding principal, Chris is leading the development of the company's strategic vision, business operations, technical capabilities and business growth. Chris is focused on building the business into a sustainable, fun and rewarding work environment while providing innovative quality control and quality assurance programs. As an industry expert in the field of HMA and quality programs within the infrastructure construction market, Chris has managed iconic infrastructure projects such as the I-710 Long Life Pavement Rehabilitation, Wake Island Runway Replacement, Metro Exposition Light Rail program, LAX Major airfield improvements, various city/county quality assurance programs as well as complex infrastructure quality programs for design-build and design-bid-build projects. **Chris is fully committed to the success of the project. As Quality Program Director, Chris will work closely with Jordan and apply his knowledge and extensive experience with a multitude of QA projects to ensure that the project components are completed on-time and within specifications.**



### MATT RAMOS | LABORATORY MANAGER

Matt has over 22 years of laboratory and quality management experience specializing in testing of aggregate, soils, binders, concrete and hot mix asphalt. He oversees all aspects of laboratories accreditation activities as well as preparation of quality control programs; assists in the development of hot mix asphalt and concrete mix designs. In addition to his laboratory experience, Matt has managed a wide-range of projects including local interchanges, major highway construction including state and federal projects, port construction, and FAA airfield construction. Matt utilizes his extensive laboratory and project knowledge to deliver timely, innovative and client-focused solutions. His leadership in laboratory quality management, client relations, and technical development make him our ideal Laboratory Manager. **As the Laboratory Manager, Matt will perform final test data review, distribute test data to the project team and log testing frequencies in accordance with the relevant quality program.**



### CHERAN SMITH | FIELD INSPECTOR / TECHNICIAN

Cheran is a qualified inspector with 9 years of certified testing and inspection experience. Prior to joining G3, Cheran provided Type I and Type II slurry inspection and sampling services throughout the Cities of Anaheim and San Bernardino. She is well versed in providing pre-production and production testing inspection and testing of slurry seal and AHRM and is familiar with state and federal procedures and applicable standards and specifications. Cheran is experienced in providing quality control and quality assurance services for various projects in the region and has established and maintained strong working relationships with many local contractors as a result of this experience. In addition to fostering clear and consistent communication, these relationships ensure the project runs smoothly, resulting in huge benefits for the City. **Cheran will use her extensive background to ensure construction activities are performed per project plans and specifications. She will document activities, noting non-compliances, and make sure the sampling and testing are performed at the correct frequencies. Cheran will deliver precise materials testing data and promptly report the results, contributing to a well informed team and eliminating any materials acceptance and inspection delays.**



### EDWARD "EJ" BOTH | FIELD INSPECTOR / TECHNICIAN

EJ has more than 11 years of field and laboratory technician experience specializing in testing of soils, aggregates, concrete, and asphalt. Prior to joining G3, EJ provided Type I slurry inspection and sampling services for the cities of Santa Clarita, Thousand Oaks, Agoura Hills, and Moreno Valley. As a field tester, EJ oversees construction activities and performs field testing and sampling as required. He has acted as the lead inspector on various SBCTA and Caltrans projects and is experienced with materials sampling and testing services for subgrade, aggregate base, HMA compaction, and slurry and all applicable procedures, standards and specifications. EJ has served in both quality control and quality assurance roles for various projects in the region and has successfully established and maintained strong working relationships with many local contractors. As a result of these relationships, the City benefits from clear and consistent communication as well as smooth execution of the project. **EJ will utilize his extensive field knowledge to observe construction activities and perform applicable field testing, including compaction, consistency and time of set of slurry, and application rate.**



### DUSTIN FOX | FIELD INSPECTOR / TECHNICIAN

Dustin is a qualified infrastructure inspector, tester, and quality control manager with 15 years of experience in Caltrans highway construction. He is highly knowledgeable in the materials testing of soils, aggregates, PCC, concrete, HMA, ARHM, and asphalt in accordance with ACI and Caltrans standards. Dustin is experienced in providing quality control and quality assurance services allowing him to develop and retain strong working partnerships with many local contractors. These partnerships ensure the City has clear and consistent communication and efficient project execution. **Dustin will apply his experience and extensive knowledge with materials testing services to ensure slurry seal, HMA, ARHM, and PCC materials are in compliance with the project specifications.**

### DEVIN FEURTEY | FIELD INSPECTOR / TECHNICIAN



Devin has 8 years of construction inspection experience, providing materials testing of soils, aggregates, PCC, concrete, HMA, AHRM, and asphalt in accordance with ACI and Caltrans standards. As a roadway inspector, he oversees highway overlay and construction activities, and performs inspection duties to include plan and specification review, scheduling of materials sampling, and preparation of non-compliance reports. Devin has extensive experience with HMA/ARHM mix designs

for slurry and overlay using Superpave method, Hveem compaction method, and Marshall compaction method. Through his experience in quality control and quality assurance roles, Devin has developed and maintained strong working relationships with many local contractors. As a result of these relationships, the City benefits from clear and consistent communication as well as smooth execution of the project. **Devin will provide inspection and materials testing for slurry seal pre-production and production, and will certify the materials meet contract specifications. He will observe construction activities and provide thorough documentation.**

### BRYCE TRUDEAU | LABORATORY SUPERVISOR



Bryce has over 19 years of field and laboratory materials testing and inspection experience specializing in testing of soils, aggregates, concrete, masonry block and asphalt. Bryce has also served as a Field Inspector and has extensive experience performing inspection and testing for Continually Reinforced Concrete Pavement (CRCP), Hot Mix Asphalt (HMA), soils, aggregate bases and Jointed Plain Concrete Pavement (JPCP). His knowledge of both field inspection and laboratory materials testing make

him the ideal Laboratory Manager for your program. Bryce is responsible for maintaining our laboratory accreditations, calibrations of equipment and the training and management of all laboratory staff. **As the Laboratory Supervisor, Bryce will schedule and coordinate all required testing and report and distribute test data to our Project Manager.**

### FRANCISCO MIRANDA | LABORATORY TESTING TECHNICIAN



Francisco is a qualified laboratory technician with four years of experience performing materials testing. Francisco has a strong understanding of soils, aggregates, concrete, and asphalt testing with the ability to successfully interpret specifications for testing requirements. Francisco's technical knowledge combined with his experience enables him to provide a high level of laboratory testing services. **Francisco will perform all required**

**laboratory testing and will communicate all results with Bryce in a timely and efficient manner.**

# 4



## SECTION 4

### Similar Projects

# 4

## SIMILAR PROJECTS

### EXPERIENCE WITH COMPARABLE WORK

G3 is highly qualified for this program due to our in-depth experience with quality management programs, pavement design, laboratory mix designs, various sustainable pavement materials testing and design, inspection and materials testing per local agency, Caltrans, and Federal standards. Table 1 provides a list of comparable work. **Our team will draw from knowledge gained from our project experience to guide each task toward a successful delivery that is on time and within budget.**

Table 1: Listing of Comparable Work



Project Name   Owner	PROJECT FEATURES							
	Construction Inspection Services	Slurry Seal Placement /Cool Pavement	Compaction Monitoring, Testing – Soil, Pavement, and Asphalt Concrete	Engineering Characteristics and Index Properties of Soils and Asphalt Concrete	Material Sampling and Field Testing	Pavement Rehabilitation	Local Streets	Arterial and Collector Streets
Foster Bridge Boulevard Pavement Rehabilitation   City of Downey	●	●	●	●	●	●		●
CIP 22-15 Residential Street Pavement Rehabilitation   City of Downey	●	●	●	●	●	●	●	
CIP 22-02 Residential Street Pavement Rehabilitation, Area 10   City of Downey	●	●	●	●	●	●	●	
3rd Street Pavement Rehabilitation   City of Downey	●	●	●	●	●	●		●
On-Call Materials Testing, Pavement Mix Design, and Inspection Services   Los Angeles County Department of Public Works	●	●	●	●	●	●		●
22814 LACDPW Palmdale Boulevard   County of Los Angeles	●		●	●	●	●		●
20-9271 Street Rehabilitation Program   City of San Marino	●		●		●	●	●	●
Caltrans District 7, Interstate 5 North / Empire Avenue Improvements   Los Angeles County Metropolitan Transportation Authority	●		●	●	●	●		●
Lancaster Revive 25   City of Lancaster	●		●	●	●	●		●
On-Call, Pavement Spec Writing   Port of Long Beach	●		●	●	●	●		
Materials Testing Services for FY 14-15 Bridge Preventative Maintenance Program   City of Santa Clarita	●		●	●	●	●		
Annual Overlay Program 2016-2017   City of Santa Clarita	●		●	●	●	●		●
Route 241 Tolling Project   Transportation Corridor Agency	●					●		
216th Street Emergency Repair   City of Carson	●					●		●

# 5



## SECTION 5

# Resource Allocation Matrix

Below we have provided a resource allocation matrix detailing the tasks for each proposed individual and the number of hours associated with each task.

## PROJECT 801 0090 – CITYWIDE PAVEMENT REHABILITATION PROGRAM FISCAL YEARS 26/27 TO 30/31 (LOCAL STREETS)

TASK	DESCRIPTION	FIRM	Project Manager	Project Director	Materials Tester	TOTAL HOURS
<b>TASK 1 - Project Management and Administration</b>						
1.1	Pre-Construction Meeting Attendance and Materials Submittal Reviews	G3	12	0	0	12
1.2	Onsite Evaluation	G3	0	8	0	8
1.3	Construction Meetings (Assume 2 per month for 6 months)	G3	12	0	0	12
<b>SUBTOTAL Task 1</b>			<b>24</b>	<b>8</b>	<b>0</b>	<b>32</b>
<b>TASK 2 - Pre-Production Testing of Slurry Seal</b>						
2.1	Slurry Seal Sampler (Assume 1 technician, 8 hours/day for 2 days)	G3	0	0	16	16
2.2	Field Review, Compliance, Daily Reports, Documentation	G3	4	0	0	4
<b>SUBTOTAL Task 2</b>			<b>4</b>	<b>0</b>	<b>16</b>	<b>20</b>
<b>TASK 3 - Production Testing of Slurry Seal</b>						
3.1	Slurry Seal Operation (Assume 1 technician, 8 hours/day for 45 days)	G3	0	0	336	336
3.2	Compliance, Daily Reports, Documentation	G3	42	0	0	42
3.3	Field Review	G3	0	11	0	11
<b>SUBTOTAL Task 3</b>			<b>42</b>	<b>11</b>	<b>336</b>	<b>389</b>
<b>TASK 4 - Construction Observation and Testing of Aggregate Base and Subgrade Material</b>						
4.1	Aggregate Base and Subgrade Compaction (Assume 1 technician, 8 hours/day for 20 days)	G3	0	0	80	80
4.2	Compliance, Daily Reports, Documentation	G3	10	0	0	10
4.3	Field Review	G3	0	3	0	3
<b>SUBTOTAL Task 4</b>			<b>10</b>	<b>3</b>	<b>80</b>	<b>93</b>
<b>TASK 5 - Testing of HMA/ARHM and Placement Observation</b>						
5.1	HMA/ARHM Placement Operation (Assume 1 technician, 8 hours/day for 45 days)	G3	0	0	336	336
5.2	Compliance, Daily Reports, Documentation	G3	42	0	0	42
5.3	Field Review	G3	0	11	0	11
<b>SUBTOTAL Task 5</b>			<b>42</b>	<b>11</b>	<b>336</b>	<b>389</b>
<b>TASK 6 - Testing of PCC</b>						
6.1	PCC Placement Operation (Assume 1 technician, 8 hours/day for 15 days)	G3	0	0	40	40
6.2	Compliance, Daily Reports, Documentation	G3	5	0	0	5
6.3	Field Review	G3	0	2	0	2
<b>SUBTOTAL Task 6</b>			<b>5</b>	<b>2</b>	<b>40</b>	<b>47</b>
<b>TOTAL</b>			<b>127</b>	<b>35</b>	<b>808</b>	<b>970</b>

**PROJECT NO. 801 0094 – PAVEMENT REHABILITATION FOR VARIOUS LOCAL STREETS (CDBG FY 2022-23)**

TASK	DESCRIPTION	FIRM	Project Manager	Project Director	Materials Tester	TOTAL HOURS
<b>TASK 1 - Project Management and Administration</b>						
1.1	Pre-Construction Meeting Attendance and Materials Submittal Reviews	G3	4	0	0	4
1.2	Onsite Evaluation	G3	0	2	0	2
1.3	Construction Meetings (Assume 2 per month for 6 months)	G3	4	0	0	4
<b>SUBTOTAL Task 1</b>			<b>8</b>	<b>2</b>	<b>0</b>	<b>10</b>
<b>TASK 2 - Pre-Production Testing of Slurry Seal</b>						
2.1	Slurry Seal Sampler (Assume 1 technician, 8 hours/day for 2 days)	G3	0	0	8	8
2.2	Field Review, Compliance, Daily Reports, Documentation	G3	2	0	0	2
<b>SUBTOTAL Task 2</b>			<b>2</b>	<b>0</b>	<b>8</b>	<b>10</b>
<b>TASK 3 - Production Testing of Slurry Seal</b>						
3.1	Slurry Seal Operation (Assume 1 technician, 8 hours/day for 45 days)	G3	0	0	96	96
3.2	Compliance, Daily Reports, Documentation	G3	12	0	0	12
3.3	Field Review	G3	0	4	0	4
<b>SUBTOTAL Task 3</b>			<b>12</b>	<b>4</b>	<b>96</b>	<b>112</b>
<b>TASK 4 - Construction Observation and Testing of Aggregate Base and Subgrade Material</b>						
4.1	Aggregate Base and Subgrade Compaction (Assume 1 technician, 8 hours/day for 20 days)	G3	0	0	32	32
4.2	Compliance, Daily Reports, Documentation	G3	6	0	0	6
4.3	Field Review	G3	0	2	0	2
<b>SUBTOTAL Task 4</b>			<b>6</b>	<b>2</b>	<b>32</b>	<b>40</b>
<b>TASK 5 - Testing of HMA/ARHM and Placement Observation</b>						
5.1	HMA/ARHM Placement Operation (Assume 1 technician, 8 hours/day for 45 days)	G3	0	0	48	48
5.2	Compliance, Daily Reports, Documentation	G3	6	0	0	6
5.3	Field Review	G3	0	2	0	0
<b>SUBTOTAL Task 5</b>			<b>6</b>	<b>2</b>	<b>48</b>	<b>56</b>
<b>TASK 6 - Testing of PCC</b>						
6.1	PCC Placement Operation (Assume 1 technician, 8 hours/day for 15 days)	G3	0	0	16	16
6.2	Compliance, Daily Reports, Documentation	G3	2	0	0	2
6.3	Field Review	G3	0	0	0	0
<b>SUBTOTAL Task 6</b>			<b>2</b>	<b>0</b>	<b>16</b>	<b>18</b>
<b>TOTAL</b>			<b>36</b>	<b>10</b>	<b>200</b>	<b>246</b>

6



# SECTION 6

## References



# REFERENCES

## “Cool Pavements” Pilot Program, Los Angeles, California Owner/Client: Los Angeles County Department of Public Works



**PROJECT DURATION:** 2017 to Current  
**REFERENCE**  
Los Angeles County Department of Public Works  
Yonah Halpern, PE, GE, Civil Engineer  
900 S Fremont Avenue | Alhambra, California 91803  
626.458.1731 | YHalpern@dpw.lacounty.gov

As part of the as-needed materials testing, pavement mix design, and inspection services contract, G3 provided consultation services for the LA County “Cool Pavements” Pilot Program in Covina. The program aimed to measure the effectiveness

of “cool pavements”, which are special light-colored coatings that are applied to pavement surfaces to reflect sunlight and stay cooler than traditional road pavements. G3 developed the project specifications to test four different coatings around the city and measure the cooling effects, longevity of coatings, and cost effectiveness. **The Project Specifications that G3 developed for this project has been adopted by LACDPW as standards to use on all other Cool Pavement projects.** G3 provided pre-placement laboratory testing of the four “cool pavement” products and conducted site visits to evaluate the existing condition of the roadways that would receive application. During placement, G3 provided inspection, sampling and testing of the products. The inspection activities included monitoring the surface preparation and cleaning, the product mixing and proportioning, observing the product placement, noting the application area, product set time and consistency. G3 also sampled and tested the products for flow, set time, and wet track abrasion. After the product placement, G3 conducted site visits to monitor the performance of the “cool pavement” products. Our engineers would note cracking, visual appearing, and skid resistance of the surface. G3 provided a summary report that included data collected during the pre-placement, placement and post placement activates up to a year after placement to provide our conclusion as to the performance of the products.

## 2020/2021 Street Overlay and Reconstruction Program, Rialto, California Owner: City of Rialto | Client: AECOM



**PROJECT DURATION:** 2021 to Current  
**REFERENCE**  
AECOM | Nazem Moussa, PE, CCM, MSCE, Project Manager  
999 W. Town & Country Road | Orange, California 92868  
714.261.1218 | nazem.moussa@aecom.com

As part of the project team assisting the City of Rialto with the 2020/2021 Street Overlay and Reconstruction Program, G3 is providing as-needed Quality Assurance technical consulting, materials sampling

and testing services for CCPRACP, FDR, ARAM, ARHM, HMA and JPCP materials. Our fully certified lab, in close proximity to the project, allows for quick turnaround on tests when new conditions are encountered. If the contractor experiences difficulty obtaining compaction, our key team members are able to quickly mobilize at the project site and provide guidance to get the project back on track. Additionally, our project team is in constant communication with the client and city inspector to ensure that the their expectations are being met.

## Residential Street Pavement Rehabilitation Areas 1 and 10 (CIP 22-15 and CIP 22-02), Downey, California | Owner: City of Downey | Client: GK & Associates



**PROJECT DURATION:** 2022 to Current  
**REFERENCE**  
GK & Associates | Ghazala Khan, President  
3333 Brea Canyon Road, Suite 120 | Diamond Bar, California 91765  
909.595.1940 | gkhan@gkandassociates.com

G3 is assisting the City of Downey with pavement rehabilitation of various streets in Areas 1 and 10, respectively the northwest and southwest section of the City. Our

scope includes materials testing and inspection for the application of slurry seal, reconstruction of failed pavement areas, cold milling of asphalt pavement, construction of asphalt concrete leveling course, base course and ARHM overlay; reconstruction of curb, gutter, cross gutters, sidewalk, driveway approach and curb ramps; and localized pavement repairs. G3 is providing inspection, materials sampling, and testing services for sub-grade, aggregate base, emulsified asphalt, HMA, ARHM, PCC, and compaction. G3 reviews the mix designs and ensures the project materials are compliant through field and laboratory testing for consistency, viscosity, washed gradation, sand equivalents, binder content, gradation, and volumetric properties. G3 also performs placement observations of the construction activities and tests for compliance with the project specifications.

7

# SECTION 7

## Compliance Statements





## COMPLIANCE STATEMENTS

1. This RFP is incorporated in its entirety as a part of the G3's proposal.
2. We understand that this RFP and our proposal will jointly become part of the Agreement for Professional Consultant Services for this project when the Agreement is fully executed by G3 and the City of Moreno Valley.
3. G3's services and fees will be in accordance with the City's RFP.
4. We have included an "Additions or Exceptions" section in our proposal which clarifies that G3 Quality, Inc. does NOT have additions or exceptions to the RFP.
5. Our proposal includes a statement of qualifications applicable to this project, and includes the proposed staff, their qualifications and proposed duties, a listing of recent similar projects completed, and client references. Project personnel will not be changed without prior written approval from the City.
6. G3 acknowledges we will provide all necessary vehicles, equipment, tools, uniforms, all incidentals for the staff member(s) to perform the required services. We understand that full compensation for providing vehicles, equipment, tools, uniforms, all incidentals shall be considered to be included in the "Not-to-Exceed" fee as part of the Cost Proposal, and no additional compensation will be allowed therefore.
7. G3 has included a resource allocation matrix in our proposal according to the RFP requirements.
8. G3 acknowledges and understands that we will provide a qualified alternate staff in the event of the primary staff is not able to come to work.
9. All charges for G3's services is a "Not-to-Exceed" fee which includes conservatively estimated reimbursable expenses.
10. G3 will document and provide the results of the work to the satisfaction of the City. This may include preparation of field and final reports, or similar evidence of attainment of the Agreement objectives.
11. The hourly rate schedule is part of G3's proposal for use in invoicing for progress payments and for extra work incurred that is not part of this RFP.
12. G3 will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin.
13. G3 understands that all federal laws and regulations shall be adhered to notwithstanding any state or local laws and regulations. In a case of conflict between federal, state or local laws or regulations, the strictest shall be adhered to.
14. G3 will allow all authorized federal, state, county, and City officials access to place of work, books, documents, papers, fiscal, payroll, materials, and other relevant contract records pertinent to this special project. We understand that all relevant records shall be retained for at least three years.
15. G3 will comply with the Davis-Bacon Fair Labor Standards Act (40 USC 276-a through a-7), and the implementation regulations issued pursuant thereto (29 CFR Section 1, 5), any amendments thereof and the California Labor Code. Pursuant to the said regulations, entitled "Federal Labor Standards Provisions," Federal Prevailing Wage Decision" and State of California prevailing wage rates, respectively.
16. G3 will comply with the Copeland Anti-Kickback Act (18 USC 874) and the Implementation Regulation (29 CFR 3) issued pursuant thereto, and any amendments thereof.
17. G3 agrees to assign to the City all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 USC Sec. 15) or under the Cartwright Act (Chapter 2 [commencing with Section 16700] of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services, or materials pursuant to the public works or the subcontract. This assignment shall be made and become effective at the time the City tenders final payment to the Consultant, without further acknowledgment by the parties.

# 8



## SECTION 8

# Additions or Exceptions to the City's Request for Proposal



# ADDITIONS OR EXCEPTIONS TO THE CITY'S REQUEST FOR PROPOSAL

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G3 Quality, Inc. has reviewed the Sample Professional Services Agreement (Attachment B) contained in the RFP and we do not have any additions or exceptions.

The Agreement contained in the Contract Documents (Attachment E and Attachment G) appear to be contractor agreements and contain many requirements that either do not fall within our area of responsibility as a professional services provider or do not apply as we are not a contractor. Upon selection, G3 Quality, Inc. would like review these project specific agreements with the City for relevance.

9

# SECTION 9

## Required Forms



## REQUIRED FORMS

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The completed required forms listed below can be found on the following pages.

- Attachment A - Non-Collusion Affidavit

**Attachment A: Non-Collusion Affidavit**

Note: To be executed by Proposer and submitted with proposal.

State of California  
(the State of the place of business)

County of Los Angeles  
(the County of the place of business)

Chris Gerber, being first duly sworn, deposes and  
(name of the person signing this form)

says that he/she is President of  
(title of the person signing this form)

G3 Quality, Inc., the party making the foregoing bid  
(name of bidding company)

that such bid is not made in the interest of or on the behalf of any undisclosed person, partnership, company, association, organization or corporation; that such bid is genuine and not collusive or sham; that said bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that said bidder has not in any manner directly or indirectly sought by agreement, communication, or conference with anyone to fix the bid price of said bidder or of any other bidder or to fix any overhead profit, or cost element of such bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in such bid are true, and further, that said bidder has not directly or indirectly submitted his bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid and will not pay any fee in connection therewith, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, or to any other individual except to any person or persons as have a partnership or other financial interest with said bidder in the general business.

By:  \_\_\_\_\_  
(signature)

Printed Name: Chris Gerber  
(name of the person signing this form)

Title: President  
(title of the person signing this form)

A



# APPENDIX A

## Resumes



# JORDAN ROPER, PE

## Project Manager

Jordan Roper brings 11 years of experience in quality assurance program management, pavement evaluation, and design for projects including major Caltrans highway construction and public works infrastructure. He specializes in geotechnical engineering, pavement design, HMA materials design, and material testing. Jordan is currently planning and managing quality programs on infrastructure projects, ensuring they are completed on time and within budget. Jordan is responsible for laboratory operations and overseeing all materials designs. His comprehensive knowledge and experience in the design and construction of pavements through several agencies allows him to provide design recommendations that are highly effective and efficient. He is certified on Nuclear Gauge Testing and has experience working with State and Federal guidelines through working directly with Caltrans, Federal Highway Administration, local agencies, and contractors.

### RELEVANT EXPERIENCE SNAPSHOT

**Project Name and Location:** On-Call Pavement Consulting Services, Los Angeles, California

**Project Owner:** Los Angeles County Public Works

**Time on Project:** 2017 – Current

**Project Role:** Project Manager

**Project Relevance and Duties:** The on-call contract is for as-needed inspection services, pavement evaluation and design, materials testing, and materials mix design at various locations in Los Angeles County and neighboring counties. *As Project Manager, Jordan provided overlay inspection and testing services for the County during a pilot project to evaluate the use of "Cool Pavement" technology on residential roadways.*

**Project Name and Location:** 3rd Street Pavement Rehabilitation, City of Downey, California

**Project Owner:** City of Downey

**Time on Project:** 2022 – Current

**Project Role:** Quality Program Director

**Duties and Description:** The project consists of pavement rehabilitation on 3rd Street from Rives Avenue to Paramount Boulevard in the City of Downey. The project includes repair of uplifted, damaged or substandard concrete curb, gutter, alley intersection, sidewalk, driveway, and curb ramps; adjustments of manhole and utility valve covers, traffic striping, parking and signs. *Jordan is working closely with the Project Manager to provide inspection, materials sampling and testing services for subgrade, aggregate base, and HMA compaction. The project entails repair of failed pavement areas, cold milling of asphalt pavement; construction of asphalt concrete, slurry, and asphalt rubber hot mix overlay.*

**Project Name and Location:** Quality Control Services for 20-9271 City of San Marino Street Rehabilitation Program, San Marino, California

**Project Owner:** City of San Marino

### EXPERIENCE

**11** Years

YEARS WITH G3: 6

### EDUCATION

- BS Civil Engineering, Cal State Polytechnic University, Pomona

### REGISTRATION

- Professional Engineer, CA 84175

### CERTIFICATIONS

- Nuclear Gauge Testing Certification

### WHY JORDAN?

- Experienced with construction inspection services including monitoring and daily documentation
- Specializes in geotechnical engineering, pavement design, HMA materials design, and materials testing
- State and Federal guideline expertise
- Oversees all materials designs

**Time on Project:** 2021– 2021

**Project Role:** Quality Program Director

**Project Relevance and Duties:** As contractor staff augmentation to the Sully Miller team, G3 provided compaction testing and quality control services for the 20-9271 Street Rehabilitation Program. G3 services included flexural pavement quality control and ARHM compaction monitoring. G3 obtained samples of the HMA and ARHM pavement to perform extraction tests to ensure the proper aggregate gradation and asphalt content was being supplied in accordance with the project specifications. *Jordan managed the quality control field services, including the inspection and testing of the HMA and ARHM materials, and field data and inspection reports.*

**Project Name and Location:** CIP 22-15 City of Downey Residential Street Pavement Rehabilitation

**Project Owner:** City of Downey

**Time on Project:** 2022 – Current

**Project Role:** Quality Program Director

**Project Relevance and Duties:** The project consists of pavement rehabilitation of various street in Area 1, the northwesterly section of the City of Downey. This project includes application of cape seal, and Type II slurry seal, reconstruction of failed pavement areas, cold milling of asphalt pavement, construction of asphalt concrete leveling course, base course and ARHM overlay; reconstruction of curb, gutter, cross gutters and spandrels, sidewalk, driveway approach and curb ramps; adjustments of manhole, utility valve covers, traffic striping, pavement markings, loop detectors, and traffic control. *Jordan is working closely with the Project Manager to provide inspection, materials sampling and testing services for subgrade, aggregate base, and HMA compaction. As Quality Program Director, Jordan oversees the quality assurance inspection program and provides guidance at key points of the project.*

**Project Name and Location:** CIP 22-02 City of Downey Residential Street Pavement Rehabilitation, Area 10, Downey, California

**Project Owner:** City of Downey

**Time on Project:** 2022 – Current

**Project Role:** Project Manager

**Duties and Description:** The project consists of pavement rehabilitation in Area 10, the Southwest section of the City of Downey. This project includes Type II slurry seal, reconstruction of failed pavement areas, cold milling of asphalt pavement; construction of asphalt concrete leveling course, base course and ARHM overlay. Work also entails the construction of new curb, removal and reconstruction of curb, gutter, cross gutters and spandrels, sidewalk, driveway approaches and curb ramps; adjustments of manhole and utility valve covers, traffic striping, pavement markings, and traffic control. *Jordan is responsible for inspection, materials sampling and testing services for subgrade, aggregate base, and ARHM overlay and slurry seal. He reviews all inspection reports and test data for compliance.*

**Project Name and Location:** 2020/2021 Street Overlay and Reconstruction Project, Rialto, California

**Project Owner:** City of Rialto

**Time on Project:** 2021 – 2021

**Project Role:** Project Manager

**Duties and Description:** The scope of work included construction management, project inspection, labor compliance, and geotechnical and materials testing services for the Street Overlay and Reconstruction Project. The materials used on the project consist of cold central plant recycling asphalt concrete, cement stabilized pulverized base, HMA and ARHM. *As the Project Manager, Jordan was responsible for material testing and inspection and review of laboratory and field data and inspection reports.*



# CHRIS GERBER

## Quality Program Director

Chris Gerber is the founding principal of G3 Quality and brings 24 years of quality management, construction inspection, and materials testing experience on some of the most complex infrastructure projects on the West Coast for both public and private owners. Chris applies his continued technical research, alternative delivery project experience, and Caltrans and FHWA expertise to implement highly effective quality management programs with a focus on roadway, bridge and rail infrastructure.

In addition to being a recognized industry expert in quality programs, he is also an expert in HMA and a leader in sustainable materials, which has been proven through successes on Caltrans, local agency, and research / development projects. His comprehensive knowledge and experience on design-build, design-bid-build, P3, and construction manager/general contractor projects builds and implements highly effective and efficient quality management teams.

Chris is passionate and dedicated to delivering high quality infrastructure improvements throughout the region. He is an active member of the Caltrans expert task groups, a past board member of the California Transportation Foundation, and an alumnus of the Goldman Sachs 10,000 Small Businesses Program.

### RELEVANT EXPERIENCE SNAPSHOT

**Project Name and Location:** On-Call Pavement Consulting Services, Los Angeles, California

**Project Owner:** Los Angeles County Public Works

**Time on Project:** 2017 – Current

**Project Role:** Principal-in-Charge

**Project Relevance and Duties:** The on-call contract is for as-needed inspection services, pavement evaluation and design, materials testing, and materials mix design at various locations in Los Angeles County and neighboring counties. *As Principal-in-Charge, Chris is ultimately responsible for planning, coordinating, and overseeing the on-call pavement projects through all phases of development. Chris provided technical guidance at key points during the overlay inspection and testing services for the County during a pilot project to evaluate the use of “Cool Pavement” technology on residential roadways. Additionally, Chris is responsible for pavement inspection and assessment services at the Brackett Field Airport in La Verne. The scope of work includes performing a pavement condition assessment to evaluate the pavement and subgrade soil strength for evaluation of the Pavement Classification Number. Chris developed a new, innovative material strategy, lifecycle analysis, and a pilot program for the new pavement section. He provided training on the benefits which resulted in collaborating with the county to establish standard plans and specs for construction for a majority of the County’s arterial streets.*

### EXPERIENCE

**24** Years

YEARS WITH G3: 9

### EDUCATION

- Construction Technology, Ventura College

### WHY CHRIS?

- Recognized industry expert in quality programs and delivering field observation and material testing, laboratory testing, report preparation, and documentation review
- Caltrans and FHWA expertise
- Expert in HMA and leader in sustainable materials
- Active member of Caltrans expert task groups

**Project Name and Location:** Paramount Boulevard Median Island Improvement, City of Downey, California

**Project Owner:** City of Downey

**Time on Project:** 2020 – 2021

**Project Role:** Principal-in-Charge

**Project Relevance and Duties:** The Paramount Boulevard Median Island Improvement project consisted of traffic signal upgrades and safety improvements. As part of the project team, G3 removed the existing striped median/pavement, installed a raised concrete median island with landscaping and irrigation, left-turn lanes, signage/stripping, and repaired miscellaneous concrete surfaces. AC pavement grinding and the construction of rubberized asphalt concrete overlay on lanes were also installed adjacent to the newly constructed median islands. **As Principal-in-Charge, Chris was responsible for material testing and inspection. He provided project oversight, technical consulting and document peer review for tasks related to project.**

**Project Name and Location:** Alameda Corridor East Fullerton Road Grade Separation, City of Industry, California

**Project Owner:** City of Industry

**Time on Project:** 2017 – 2021

**Project Role:** Quality Program Manager

**Project Relevance and Duties:** The Fullerton Road Grade Separation Project is located in the City of Industry crossing the UPRR Los Angeles Subdivision and Metrolink Riverside Line. Major elements of the project included the depressed roadway undercrossing, a new pedestrian bridge, new roadway bridge and the new railroad bridge. The project also included major retaining walls and multiple utility relocations. **Chris coordinated all aspects of public works inspection, materials testing and onsite laboratory services on this \$160 million project, the largest of ACE's Phase II grade separations. Chris was specifically responsible for the implementation of the Quality Management Plan, materials submittal reviews, compliance audits and technical consulting related to Hot Mix Asphalt, Jointed Plain Concrete Pavement (JPCP) Rapid Setting Concrete (RSC), structural concrete, earthwork, and slurry backfill. Chris was involved with the project through both contracts, with different contractors and construction management firms, bringing quality process knowledge and continuity to ensure that the project was completed to meet the quality goals set by the agency.**

**Project Name and Location:** Quality Control Services for 20-9271 City of San Marino Street Rehabilitation Program, San Marino, California

**Project Owner:** City of San Marino

**Time on Project:** 2021– 2021

**Project Role:** Quality Program Director

**Project Relevance and Duties:** As contractor staff augmentation to the Sully Miller team, G3 provided compaction testing and quality control services for the 20-9271 Street Rehabilitation Program. G3 services included flexural pavement quality control and ARHM compaction monitoring. G3 obtained samples of the HMA and ARHM pavement to perform extraction tests to ensure the proper aggregate gradation and asphalt content was being supplied in accordance with the project specifications. **As Quality Program Director, Chris oversaw the quality assurance inspection program and was responsible for developing the materials control schedules and project staffing. Chris worked closely with the team and applied his knowledge and expertise to provide guidance at key points throughout of the project.**

## MATT RAMOS

### Laboratory Manager

Matt has over 22 years of laboratory and quality management experience specializing in testing of aggregate, soils, binders, concrete and hot mix asphalt. He oversees all aspects of laboratories accreditation activities as well as preparation of quality control programs; assists in the development of hot mix asphalt and concrete mix designs. In addition to his laboratory experience, Matt has managed a wide-range of projects including local interchanges, major highway construction including state and federal projects, port construction, and FAA airfield construction. Matt utilizes his extensive laboratory and project knowledge to deliver timely, innovative and client-focused solutions. His leadership in laboratory quality management, client relations, and technical development make him our ideal Internal Quality Director.

#### RELEVANT EXPERIENCE SNAPSHOT

**Project Name and Location:** On-Call Materials Testing, Pavement Mix Design, and Inspection Services

**Project Owner:** Los Angeles County Department of Public Works (LACDPW)

**Time on Project:** 2017 – Present

**Project Role:** Internal Quality Manager

**Duties and Description:** G3 is under contract to provide as-needed materials testing, pavement mix design, and inspection services at various locations in Los Angeles County. The service locations are divided into two geographical areas: the LA Basin and North County. G3 has evaluated pavement assets and provided the best, cost effective geotechnical and materials design and quality assurance inspection and testing services on a variety of projects under this contract. Our services include mix design consultation and specialty field and laboratory services, such as surface skid resistance with the California Portable Skid Tester, gamma-gamma logging and crosshole sonic logging, and microsurfacing emulsion (MSE) testing. Specifically, G3 has provided consultation services for the LA County “Cool Pavements” pilot program. This has consisted of pre-placement tasks such as document review, site pavement evaluation, pre-placement laboratory testing, and derivation of cool pavement performance evaluation criteria; placement inspection and testing during paving; and site evaluation after placement consisting of field testing, evaluation reporting, and final specification preparation. **As Internal Quality Manager, Matt is responsible for inspection and material testing report audits, laboratory quality audits, quality audits for surface skid resistance testing with the California Portable Skid Tester, gamma-gamma logging and crosshole sonic logging, as well as microsurfacing emulsion (MSE) testing.**

**Project Name and Location:** Route 210 Pavement Rehabilitation, La Canada Flintridge, California

**Project Owner:** Caltrans

**Time on Project:** 2013 – 2017

**Project Role:** Laboratory Manager

#### EXPERIENCE

**22** Years

YEARS WITH G3: 9

#### EDUCATION

- High School Graduate

#### CERTIFICATIONS

- CT Certifications
- Asphalt Institute – Asphalt Mix Design Technology Certification
- NICET HMA, Soils and Concrete

#### WHY MATT?

- In-depth laboratory management experience
- Intimate knowledge and highly experienced in testing of aggregates, soils, binders, concrete and HMA

**Duties and Description:** This \$26.5M rehabilitation project added an additional HOV lane from Wheatland Avenue in the City of Los Angeles to Dunsmore Avenue in the City of Glendale. The 6.1-mile freeway widening will relieve congestion and provide a rehabilitated facility. Major aspects of the project include over 87,000 cubic yards of Jointed Plain Concrete Pavement, Hot Mix Asphalt and Warm Mix Asphalt, Rapid Setting Concrete and Rapid Setting Lean Concrete Base. *Matt served as Laboratory Manager for the quality control programs including quality control construction and laboratory testing performed on concrete.*

**Project Name and Location:** Route 101/23 Interchange Widening, Thousand Oaks California  
**Project Owner:** Caltrans

**Time on Project:** 2014 – 2016

**Project Role:** Laboratory Manager

**Duties and Description:** This \$21M interchange improvement project was initiated by the City of Thousand Oaks, Caltrans, and Ventura County Transportation Commission; consisted of freeway widening of state route 101 and 23, widening three bridges, and on-ramp/off-ramp realignment. *Matt served as Laboratory Manager responsible for mix design submittals and prequalification testing, continuous testing of the individual components during production and all field testing for verification of the concrete pavement, structural concrete and all minor concrete.*

**Project Name and Location:** Pinto Basin Road Rehabilitation, Joshua Tree, California

**Project Owner:** Federal Highway Administration

**Time on Project:** 2014 - 2015

**Project Role:** Project/Laboratory Manager

**Duties and Description:** G3 was contracted to prepare the HMA design and perform quality assurance services utilizing an onsite FHWA mobile Superpave laboratory. Additional work included PCC inspection, subgrade compaction control and inertial pavement profiling for final surface smoothness. *Matt served as project/laboratory manager and was responsible for providing day-to-day oversight of field inspections, laboratory testing and client reporting within 24-hour notice on this project and performing all materials testing.*

**Project Name and Location:** Caltrans Contract TO56A0623 On-Call Laboratory Testing – Initial Assessment of Recycled Plastics in Asphalt Pavements, Sacramento, California

**Project Owner:** Caltrans

**Time on Project:** 2019 - 2020

**Project Role:** Internal Quality Manager / Program Manager

**Duties and Description:** This \$50,000 on-call contract was for the initial assessment for using recycled plastics in asphalt pavements. G3 performed laboratory and field testing of test sections using recycled plastics as well as help develop laboratory testing protocols for testing HMA with recycled plastics. *As Internal Quality Manager / Program Manager, Matt was responsible for the coordination of laboratory tests performed, test documentation and summary reports to the task order manager.*



# CHERAN SMITH

## Field Inspector / Technician

Cheran is a qualified inspector with more than 8 years of certified testing and inspection experience. Prior to joining G3, Cheran provided Type I and Type II slurry inspection and sampling services in the Cities of Anaheim and San Bernardino. She is well versed in providing pre-production and production testing inspection and testing of slurry seal. Cheran is highly knowledgeable in all aspects of roadway construction including production of soils, aggregates, PCC, concrete, HMA/ARHM, and asphalt in accordance with Caltrans and ACI standards. She holds current Caltrans certifications as well as ACI Field Grade 1. Her experience as a roadway inspector includes plan and specification review, quality oversight, observation, and management, non-compliance reporting, construction best practices, and dispute resolution. She has extensive experience working with state and federal guidelines and utilizes her experience in the field to provide timely reporting and extensive communication on Caltrans Projects.

### RELEVANT EXPERIENCE SNAPSHOT

**Project Name and Location:** 3rd Street Pavement Rehabilitation, City of Downey, California

**Project Owner:** City of Downey

**Time on Project:** 2022 – Current

**Project Role:** Field Inspector

**Duties and Description:** The project consists of pavement rehabilitation on 3rd Street from Rives Avenue to Paramount Boulevard in the City of Downey. The project entails repair of failed pavement areas, cold milling of asphalt pavement; construction of asphalt concrete, slurry, and asphalt rubber hot mix overlay. Project work also includes repair of uplifted, damaged or substandard concrete curb, gutter, alley intersection, sidewalk, driveway, and curb ramps; adjustments of manhole and utility valve covers, traffic striping, parking and signs. **Cheran is providing materials sampling and inspection services for subgrade, aggregate base, HMA and ARHM compaction. She collects slurry mix samples and inspects the samples to observe for premature cracking and test the consistency and viscosity for thorough coverage.**

**Project Name and Location:** Annual Paving Project, City of Fontana, California

**Project Owner:** City of Fontana

**Time on Project:** 2017 – Current

**Project Role:** Field Inspector

**Duties and Description:** The project consists of a grind and overlay of the existing asphalt pavement, pavement markings, and striping. **Cheran is providing onsite inspection and material testing services to the Type II slurry for arterial and collector streets. Samples include 1/4-inch cylinders of the sand, concrete, and oil mix to test viscosity, washed gradation, consistency, sand equivalents, wet track abrasion, and tensile strength.**

### EXPERIENCE

9 Years

YEARS WITH G3: 5

### EDUCATION

- Highschool Graduate

### CERTIFICATIONS

- ACI Concrete Field Grade 1
- ICC Soils Special Inspector
- ICC Structural Masonry Special Inspector
- CTM Certifications

### WHY CHERAN?

- Highly knowledgeable with inspection and testing for soil, aggregates, HMA, HMA-RS, PCC, CRCP/JPCP, LCB, and JPCP-RS
- Experience with slurry seal field sampling and inspection for slump, viscosity, and cracking
- Extensive experience with construction inspection services including daily documentation and reporting

**Project Name and Location:** Route 8 Widening, Imperial County, California

**Project Owner:** Caltrans

**Time on Project:** 2017 – 2019

**Project Role:** Field Technician

**Duties and Description:** The project consists of widening and rehabilitating Route 8 within Imperial County near El Centro. The specifications require the use of Class 2 Aggregate Base, CRCP on mainline and shoulders, AHRM on various on and off ramps and HMA on mainline under the CRCP and various right of ways along Route 8. *Cheran is supporting the quality control services for soils, Class 2 Base, HMA, and ARHM sampling and testing according to Caltrans Standards. Cheran provided material testing services of the aggregate base and subgrade materials and performed compaction testing for compliance with the project specifications.*

### Caltrans and AASHTO CERTIFICATION TABLE

Test Method	Expiration	Test Method	Expiration
CT 231	5/29/2022	CT 105	2/26/2024
CT 521	12/29/2022	CT 125 AGG Sampling	2/26/2024
CT 523.2	12/29/2022	CT 125 HMA Sampling	2/26/2024
CT 524	12/29/2022	CT 306	2/26/2024
CT 533	12/29/2022	AASHTO T11	2/26/2024
CT 523.1 Section B.1 & B.2	1/3/2023	AASHTO T27	2/26/2024
CT 504	3/17/2023	AASHTO R47	2/26/2024
CT 518	3/17/2023	AASHTO R76	2/26/2024
CT 539	3/17/2023	AASHTO T176	2/26/2024
CT 540s	3/17/2023	AASHTO T255	2/26/2024
CT 543	3/17/2023	AASHTO T329	2/26/2024
CT 556	3/17/2023	AASHTO T335	2/26/2024
CT 557	3/17/2023		



## EDWARD “EJ” BOTH

### Field Inspector / Technician

EJ Both has more than 11 years of field and laboratory technician experience specializing in testing of soils, aggregates, concrete, and asphalt. Prior to joining G3, EJ provided Type I slurry inspection and sampling services for the Cities of Santa Clarita, Thousand Oaks, Agoura Hills, and Moreno Valley. As a field tester with G3, EJ oversees construction activities and performs field testing and sampling as required. He has acted as the lead inspector on various SBCTA, Caltrans, and RCTC projects and is experienced with project federal compliance filing and reporting. He utilizes his extensive field knowledge to deliver precise field test data and promptly reports the results keeping the project team informed as to the quality of material incorporated into the work.

#### RELEVANT EXPERIENCE SNAPSHOT

**Project Name and Location:** CIP 22-02 City of Downey Residential Street Pavement Rehabilitation, Area 10, Downey, California

**Project Owner:** City of Downey

**Time on Project:** 2022 – Current

**Project Role:** Field Technician

**Duties and Description:** The project consists of pavement rehabilitation in Area 10, the Southwest section of the City of Downey. This project includes type II slurry seal, reconstruction of failed pavement areas, cold milling of asphalt pavement, construction of asphalt concrete leveling course, base course and ARHM overlay. Work also entails the construction of new curb, removal and reconstruction of curb, gutter, cross gutters and spandrels, sidewalk, driveway approaches and curb ramps; adjustments of manhole and utility valve covers, traffic stripping, pavement markings, and traffic control. *As field technician, EJ provided materials sampling and testing services for subgrade, aggregate base, HMA compaction, and slurry. He collected slurry seal samples for production testing to test emulsion, percent residual asphalt, consistency, and wet track abrasion.*

**Project Name and Location:** Paramount Boulevard Median Island Improvement, Downey, California

**Project Owner:** City of Downey

**Time on Project:** 2019 – 2020

**Project Role:** Materials Technician

**Duties and Description:** The project consists of removing existing striped median/pavement, installing raised concrete median island with landscaping and irrigation, left-turn lanes, signage/stripping, repair of miscellaneous concrete surfaces, AC pavement grinding and the construction of rubberized asphalt concrete overlay on lanes adjacent to the new median islands constructed. *EJ provided field inspections, laboratory testing and client reporting within 24-hour notice on this project and performed all the materials testing. The project work included RHMA, HMA, and PCC testing.*

#### EXPERIENCE

**11** Years

YEARS WITH G3: 9

#### EDUCATION

- Highschool Graduate

#### CERTIFICATIONS

- ACI Concrete Field Grade 1
- Caltrans CTM Certifications
- Troxler Radiation Safety/Radiation Safety Officer

#### WHY EJ?

- Specializes in testing soils, aggregates, asphalt, concrete and related materials in accordance with ACI and Caltrans standards
- Experience with slurry seal and overlay
- State and Federal guideline expertise



**Project Name and Location:** Pinto Basin Road Rehabilitation, Joshua Tree, California

**Project Owner:** Federal Highway Administration

**Time on Project:** 2015 – 2015

**Project Role:** Field Inspector

**Duties and Description:** G3 was contracted to prepare the HMA design and perform quality assurance services utilizing an onsite FHWA mobile Superpave laboratory. Additional work included PCC inspection, subgrade compaction control and inertial pavement profiling for final surface smoothness. *EJ served as Field Inspector and was responsible for providing day-to-day oversight of field inspections, laboratory testing and client reporting within 24-hour notice on this project and performing all of the materials testing.*

**Project Name and Location:** Franklin Street Improvements, Contract #STPL-5370(028), California

**Project Owner:** City of Arvin

**Time on Project:** 2021 – Current

**Project Role:** Field Inspector

**Duties and Description:** The project consists of pavement rehabilitation along Franklin Street. The project requires the implementation of a contractor quality control program for various construction materials to be incorporated into the work. *EJ is providing onsite HMA inspection and testing services to ensure materials comply with the project standards. The work includes daily gradation, sand equivalent, and field compaction testing.*

## Caltrans Certification Table

Caltrans Test Method	Expiration
CT 105	6/11/2024
CT 125 AGG	6/11/2024
CT 125 HMA	12/28/2022
CT 201	6/11/2024
CT 202	6/11/2024
CT 205	6/11/2024
CT 216	6/11/2024
CT 217	6/11/2024
CT 226	6/11/2024
CT 227	6/11/2024
CT 229	6/11/2024
CT 231	1/30/2022
CT 504	1/25/2025

Caltrans Test Method	Expiration
CT 518	1/25/2025
CT 523.1 Section B.1 & B.2	1/9/2023
CT 523.2 Section B.3	12/28/2022
CT 524	12/28/2022
CT 533	12/28/2022
CT 539	1/25/2025
CT 540	1/25/2025
CT 543	1/25/2025
CT 556	1/25/2025
CT 557	1/25/2025
ACI Concrete Transportation Construction Inspector	9/14/2024
ACI Concrete Field Testing Technician – Grade I	1/25/2025



# DUSTIN FOX

## Field Inspector / Technician

Dustin Fox is a qualified infrastructure inspector, tester, and quality control manager with 15 years of experience in Caltrans highway construction. Dustin is highly knowledgeable in the materials testing of design mixes, soils, aggregates, concrete, and asphalt in accordance with ACI and Caltrans standards. Dustin's experience includes quality control oversight of HMA/ARHM production and placement, aggregate production control, soils and base roadway testing, concrete pavement inspection and testing PCC and concrete materials. He utilizes his extensive background on major highway projects to provide quality oversight for Caltrans projects.

### RELEVANT EXPERIENCE SNAPSHOT

**Project Name and Location:** CIP 22-15 City of Downey Residential Street Pavement Rehabilitation

**Project Owner:** City of Downey

**Time on Project:** 2022 – Current

**Project Role:** Field Technician

**Project Relevance and Duties:** The project consists of pavement rehabilitation of various streets in Area 1, the northwesterly section of the City of Downey. This project includes application of cape seal, and type II slurry seal, reconstruction of failed pavement areas, cold milling of asphalt pavement, construction of asphalt concrete leveling course, base course and ARHM overlay; reconstruction of curb, gutter, cross gutters and spandrels, sidewalk, driveway approach and curb ramps; adjustments of manhole, utility valve covers, traffic striping, pavement markings, loop detectors, and traffic control. *Dustin is providing material sampling for production testing services of the slurry and ARHM overlay to ensure compliance with the project specifications.*

**Project Name and Location:** CIP 20-30 City of Downey Foster Bridge Blvd Pavement Rehab

**Project Owner:** City of Downey

**Time on Project:** 2021 – Current

**Project Role:** Field Technician

**Project Relevance and Duties:** The project consists of pavement rehabilitation on three street segments (Foster Bridge Boulevard, Rivergrove Drive, and Glenclyff Drive) in the northwest section in the City of Downey. The project includes repair of failed pavement areas, cold milling of asphalt pavement; construction of asphalt concrete and asphalt rubber hot mix overlay. Work also includes repair of uplifted, damaged or substandard concrete curb, gutter, alley intersection, sidewalk, driveway, and curb ramps; adjustments of manhole and utility valve covers, traffic striping, parking and signs. *Dustin is providing materials sampling services to test subgrade, aggregate base, HMA and ARHM compaction.*

**Project Name and Location:** Annual Paving Project, City of Fontana, California

**Project Owner:** City of Fontana

**Time on Project:** 2017 – Current

**Project Role:** Field Inspector

**Duties and Description:** The project consists of a grind and overlay of the existing asphalt

### EXPERIENCE

**15** Years

YEARS WITH G3: 8

### EDUCATION

- High School Graduate

### CERTIFICATIONS

- CTM certifications

### WHY DUSTIN?

- Highly knowledgeable with testing concrete and related materials in accordance with ACI and Caltrans standards
- Specializes in HMA, ARHM/HMA, HMA-RS, PCC, and JPCP/CRCP
- Experience with slurry seal and overlay

pavement, pavement markings, and striping. *Dustin is providing inspection and testing services for HMA and CRCP to ensure compliance with the project specifications.*

**Project Name and Location:** CIP 22-02 City of Downey Residential Street Pavement Rehabilitation, Area 10, Downey, California

**Project Owner:** City of Downey

**Time on Project:** 2022 – Current

**Project Role:** Field Technician

**Duties and Description:** The project consists of pavement rehabilitation in Area 10, the Southwest section of the City of Downey. This project includes type II slurry seal, reconstruction of failed pavement areas, cold milling of asphalt pavement; construction of asphalt concrete leveling course, base course and ARHM overlay. Work also entails the construction of new curb, removal and reconstruction of curb, gutter, cross gutters and spandrels, sidewalk, driveway approaches and curb ramps; adjustments of manhole and utility valve covers, traffic stripping, pavement markings, and traffic control. *As field technician, Dustin provided materials sampling and testing services for subgrade, aggregate base, HMA compaction, and slurry. He collects slurry seal samples for pre-production testing of to test emulsion, aggregate, and accelerator/retardant.*

**Project Name and Location:** 21-009 City of Lancaster 2021 Summer Pavement Management Program, Lancaster, California

**Project Owner:** City of Lancaster

**Time on Project:** 2021 – Current

**Project Role:** Field Technician

**Duties and Description:** G3 is providing quality management services for the City of Lancaster, 2021 Summer Pavement Management Program, Project No. 21-009. The scope of work includes quality management of compaction testing of subgrade, soils compaction, and asphalt concrete, fabrication of soil cement cylinders, and Cement Stabilized Pulverized Base (CSPB) mix design development. *As Field Technician, Dustin is providing sampling and compaction testing of subgrade, soils compaction, and asphalt concrete to ensure materials comply with Greenbook standards.*

## Caltrans Certification Table

Caltrans Test Method	Expiration
CT 125	10/6/2022
CT 231	10/6/2022
CT 521	10/6/2022
CT 523.2 Section B.3	10/6/2022
CT 524	10/6/2022
CT 533	10/6/2022
CT 105	12/6/2022
CT 125	12/6/2022
CT 201	12/6/2022
CT 202	12/6/2022
CT 205	12/6/2022
CT 216	12/6/2022

Caltrans Test Method	Expiration
CT 217	12/6/2022
CT 226	12/6/2022
CT 227	12/6/2022
CT 229	12/6/2022
CT 375	3/14/2023
CT 504	1/15/2026
CT 518	1/15/2026
CT 539	1/15/2026
CT 540	1/15/2026
CT 543	1/15/2026
CT 556	1/15/2026
CT 557	1/15/2026



# DEVIN FEURTEY

## Field Inspector / Technician

Devin Feurtey is a qualified infrastructure technician with 8 years of experience in construction inspection. Devin is highly knowledgeable in the materials testing of soils, aggregates, concrete, and asphalt in accordance with ACI and Caltrans standards. As a roadway inspector, he oversees highway overlay and construction activities, and performs inspection duties to include plan and specification review, scheduling of materials sampling, and preparation of non-compliance reports. Devin has extensive experience with HMA plant mix designs for overlay using Superpave method, Hveem compaction method, and Marshall compaction method. The mixes have used various binder types, including rubberized binder, liquid anti strip, lime treated and lime slurry aggregates. He has also participated in concrete mix designs as well as trial batches. Devin utilizes his extensive testing background to provide oversight for Caltrans projects.

### RELEVANT EXPERIENCE SNAPSHOT

**Project Name and Location:** On-Call Materials Testing, Pavement Mix Design, and Inspection Services

**Project Owner:** Los Angeles County Department of Public Works

**Time on Project:** 2017 – Present

**Project Role:** Inspector

**Duties and Description:** G3 is providing as-needed materials testing, pavement mix design, and inspection services at various locations in Los Angeles County. Specifically, G3 has provided consultation services for the LA County “Cool Pavements” pilot program. This has consisted of pre-placement tasks such as document review, site pavement evaluation, pre-placement laboratory testing, and derivation of cool pavement performance evaluation criteria; placement inspection and testing during paving; and site evaluation after placement consisting of field testing, evaluation reporting, and final specification preparation. *As Inspector, Devin performed full time slurry placement observation, material sampling, and field testing. At the beginning of each shift, the aggregates stockpiles were inspected and sampled for sieve analysis and sand equivalent compliance testing. Additional relevant duties include preplacement pavement inspection, monitoring of crack fill operation, slurry placement spread rate calculations, and slurry testing for consistency, emulsion and moisture content, and wet track abrasion test fabrication.*

**Project Name and Location:** 3rd Street Pavement Rehabilitation, City of Downey, California

**Project Owner:** City of Downey

**Time on Project:** 2022 – Current

**Project Role:** Inspector

### EXPERIENCE

**8** Years

YEARS WITH G3: 8

### EDUCATION

- Studies in Biology, San Francisco State University

### CERTIFICATIONS

- CTM certifications
- AASHTO & ASTM certifications
- ACI Concrete Field Grade 1
- ACI Concrete Lab Testing Level 1
- ACI Aggregate Testing Level 1
- ACI Aggregate Base Testing and also ACI Concrete Laboratory Testing-level 2
- CTM Certifications
- Nuclear Gauge

### WHY DEVIN?

- Specializes in materials validation inspection and testing for roadway projects, including slurry seal, soil, aggregates, PCC, HMA, LCB and CRCP/JPCP
- Laboratory slurry seal mix design development experience
- Emulsion testing experience for penetration and reliance
- Extensive experience representing cities and local agencies for quality assurance sampling and testing

**Duties and Description:** The project consists of pavement rehabilitation on 3rd Street from Rives Avenue to Paramount Boulevard in the City of Downey. The project entails repair of failed pavement areas, cold milling of asphalt pavement; construction of asphalt concrete, slurry, and asphalt rubber hot mix overlay. Project work also includes repair of uplifted, damaged or substandard concrete curb, gutter, alley intersection, sidewalk, driveway, and curb ramps; adjustments of manhole and utility valve covers, traffic striping, parking and signs. *Devin performs pre-production testing of slurry seal mix design, including testing aggregates to determine the washed gradation and sand equivalents. Additionally, he collects field samples for extraction tests, consistency tests, and wet track abrasion tests to confirm mix design complies with the project standards.*

**Project Name and Location:** CIP 22-15 City of Downey Residential Street Pavement Rehabilitation

**Project Owner:** City of Downey

**Time on Project:** 2022 – Current

**Project Role:** Inspector

**Project Relevance and Duties:** The project consists of pavement rehabilitation of various street in Area 1, the northwesterly section of the City of Downey. This project includes application of cape seal, and type II slurry seal, reconstruction of failed pavement areas, cold milling of asphalt pavement, construction of asphalt concrete leveling course, base course and ARHM overlay; reconstruction of curb, gutter, cross gutters and spandrels, sidewalk, driveway approach and curb ramps; adjustments of manhole, utility valve covers, traffic striping, pavement markings, loop detectors, and traffic control. *Devin performs inspection, materials sampling and testing services for subgrade, aggregate base, HMA compaction and slurry seal. He performs emulsion testing for penetration and reliance.*

## Caltrans and AASHTO Certification Table

Caltrans Test Method	Expiration	Caltrans Test Method	Expiration
CT 541	5/25/2022	CT 125 AGG Sampling - Aggregates	1/28/2025
CT 206	2/1/2023	CT 125 HMA Sampling - HMA (JTCP - HMA I)	1/28/2025
CT 207	2/1/2023	CT 306	1/28/2025
CT 234	2/1/2023	CT 504	2/15/2025
CT 235	2/1/2023	CT 518	2/15/2025
CT 304	2/1/2023	CT 539	2/15/2025
CT 308	2/1/2023	CT 540	2/15/2025
CT 309	2/1/2023	CT 543	2/15/2025
CT 370	2/1/2023	CT 556	2/15/2025
CT 382	2/1/2023	CT 557	2/15/2025
CT 521	5/16/2023	AASHTO T11	1/28/2025
CT 523.2 Section B.3	5/16/2023	AASHTO T27	1/28/2025
CT 524	5/16/2023	AASHTO R47	1/28/2025
CT 106	6/30/2023	AASHTO R76	1/28/2025
CT 231	1/22/2024	AASHTO T176	1/28/2025
CT 533	1/22/2024	AASHTO T255	1/28/2025
CT 125	10/5/2024	AASHTO T329	1/28/2025
CT 105	1/28/2025	AASHTO T335	1/28/2025



# BRYCE TRUDEAU

## Laboratory Supervisor

Bryce has over 19 years of field and laboratory materials testing and inspection experience specializing in testing of soils, aggregates, concrete, masonry block and asphalt. Bryce is the Laboratory Manager performing all required testing, scheduling, reporting and distribution of test data to our Program Managers. Bryce has also served as a Field Inspector and has extensive experience performing quality control inspection and testing for Continually Reinforced Concrete Pavement (CRCP), Hot Mix Asphalt (HMA), soils, aggregate bases and Jointed Plain Concrete Pavement (JPCP). His knowledge of both field inspection and laboratory materials testing make him the ideal Laboratory Manager for your program. Bryce is responsible for maintaining our laboratory accreditations, calibrations of equipment and the training and management of all laboratory staff.

### RELEVANT EXPERIENCE SNAPSHOT

**Project Name and Location:** Contract CT08-1F1414 Improvements to Interstate 15, Temecula, California

**Project Owner:** Caltrans

**Time on Project:** 2020 – Current

**Project Role:** Laboratory Supervisor

**Duties and Description:** The project is located in San Diego and Riverside Counties in and near Temecula from 0.1 Mile South of San Diego County line to 0.1 mile north of Temecula River Bridge. The project entails slab and lane replacement with JPCP and precast concrete pavement. Services include Class 2 Aggregate Subbase, Class 2 Aggregate Base, Lean Concrete Base, Lean Concrete Base Rapid Setting, HMA, RHMA, Cold Plane Asphalt Concrete Pavement, Precast Concrete Pavement (PCP), Jointed Plain Concrete Pavement, Aggregate Base, Structural Concrete, and Material Testing. **As Laboratory Supervisor of this project, Bryce oversaw all aspects of laboratory testing.**

The project entails slab and lane replacement with JPCP and precast concrete pavement. Services include Class 2 Aggregate Subbase, Class 2 Aggregate Base, Lean Concrete Base, Lean Concrete Base Rapid Setting, HMA, RHMA, Cold Plane Asphalt Concrete Pavement, Precast Concrete Pavement (PCP), Jointed Plain Concrete Pavement, Aggregate Base, Structural Concrete, and Material Testing. **As Laboratory Supervisor of this project, Bryce oversaw all aspects of laboratory testing.**

**Project Name and Location:** Contract 07-215954 Interstate 5, La Mirada, California

**Project Owner:** Caltrans

**Time on Project:** 2014 - 2017

**Project Role:** Laboratory Supervisor

**Duties and Description:** This \$1.6B I-5 widening program expanded the Santa Ana Freeway to a 10-lane freeway between Orange County and the San Gabriel River Freeway. **As Laboratory Supervisor, Bryce was responsible for all aspects of laboratory testing quality program including all materials testing and inspection. His duties include coordination of accredited field staff based upon daily scheduled construction; review and distribution of field and laboratory reports daily; and providing technical support to the project team related to asphalt, concrete and masonry soundwall testing and inspection.**

### EXPERIENCE

19 Years

YEARS WITH G3: 5

### EDUCATION

General Studies

### CERTIFICATIONS

- Caltrans CTM Certifications
- AASHTO Certifications
- NICET Concrete Level 1, Soil Level 1, Asphalt Level II
- ACI Concrete Laboratory Testing, Aggregate Testing, Aggregate Base Testing, Concrete Strength Testing Technician

**Project Name and Location:** Contract 07-1218W4 Interstate-5 Empire Avenue Interchange Widening, Burbank, California

**Project Owner:** Caltrans

**Time on Project:** 2013 - 2016

**Project Role:** Laboratory Supervisor

**Duties and Description:** This \$200M I-5 improvements project includes over 73,000 cubic yards of Jointed Plain Concrete Pavement, Hot Mix Asphalt and Warm Mix Asphalt, Rapid Setting Concrete and Rapid Setting Lean Concrete Base. Additional features include 8 bridges, a BNSF grade separation, temporary shoe fly, MSE Walls, CIDH Piles, and 246,000 sqft of masonry block sound wall. *As Laboratory Supervisor of this project, Bryce oversaw all aspects of laboratory testing.*

## Caltrans Certification Table

Caltrans Test Method	Expiration
CT 105	10/20/2022
CT 125 Admixture, Aggregates (JTCP), Bituminous, CEM, General, HMA (JTCP)	10/30/2021
CT 201	9/3/2021
CT 202	9/3/2021
CT 204	10/29/2021
CT 205	9/3/2021
CT 206	10/30/2021
CT 207	10/30/2021
CT 216	9/3/2021
CT 217	9/3/2021
CT 226	9/3/2021
CT 227	9/3/2021
CT 229	9/3/2021
CT 234	10/30/2021
CT 235	10/30/2021
CT 304	10/30/2021
CT 308	10/30/2021
CT 309	10/30/2021
CT 366	10/30/2021
CT 370	10/30/2021
CT 371	10/30/2021
CT 382	10/30/2021
CT 384	10/30/2021
CT 521	10/29/2021
CT 523	10/29/2021
CT 523.1	10/29/2021

AASHTO Test Method	Expiration
AASHTO R47	12/7/2021
AASHTO R76	12/7/2021
AASHTO T11	12/7/2021
AASHTO T166	11/15/2021
AASHTO T176	12/7/2021
AASHTO T209	11/15/2021
AASHTO T248	12/7/2021
AASHTO T255	12/7/2021
AASHTO T269	11/15/2021
AASHTO T27	12/7/2021
AASHTO T275	11/15/2021
AASHTO T283	10/20/2022
AASHTO T304	10/20/2022
AASHTO T308	11/15/2021
AASHTO T312	10/20/2022
AASHTO T324	10/20/2022
AASHTO T329	12/7/2021
AASHTO T335	12/7/2021
AASHTO T84	10/20/2022
AASHTO T85	10/20/2022
ASTM D4791	4/10/2021



# FRANCISCO MIRANDA

## Laboratory Technician

Francisco is a qualified laboratory technician with four years of experience performing materials testing. Francisco has a strong understanding of soils, aggregates, concrete, and asphalt testing with the ability to successfully interpret specifications for testing requirements. Francisco's technical knowledge combined with his experience enables him to provide a high level of laboratory testing services. He has applied his experience on the selected projects below.

### RELEVANT EXPERIENCE SNAPSHOT

**Project Name and Location:** Route 210 Pavement Rehabilitation, La Canada Flintridge, California

**Project Owner:** Caltrans

**Time on Project:** 2018 – Current

**Project Role:** Laboratory Technician

**Duties and Description:** The \$26.5M rehabilitation project will add an additional HOV lane to relieve congestion and provide a rehabilitated facility. Major aspects of the project include over 87,000 cubic yards of Jointed Plain Concrete Pavement, Hot Mix Asphalt and Warm Mix Asphalt, Rapid Setting Concrete and Rapid Setting Lean Concrete Base. *Francisco is the Laboratory Technician responsible for performing all required laboratory testing.*

**Project Name and Location:** Caltrans District 7 Interstate 5 North / Empire Avenue Improvements, Burbank, California

**Project Owner:** Los Angeles County Metropolitan Transportation Authority

**Time on Project:** 2018 – Current

**Project Role:** Laboratory Technician

**Duties and Description:**

The project includes Quality control management of over 73,000 cubic yards of lean concrete base rapid setting, HMA, data coring, JPCP, RSC, structural concrete, masonry soundwalls, MSE walls, and structural steel testing of welded or mechanically spliced hoops. *Francisco is the Laboratory Technician responsible for performing all required laboratory testing.*

**Project Name and Location:** 07-2159U4 Route 5, Los Angeles and Orange Counties, California

**Project Owner:** Caltrans

**Time on Project:** 2017 – 2018

**Project Role:** Laboratory Technician

**Duties and Description:** This project consisted of the widening and reconstruction of I-5 from Artesia Blvd. to Coyote Creek in the cities of Buena Park, La Mirada, Cerritos and Santa Fe Springs. Valley View Boulevard was completely reconstructed with new ramps and frontage roads. The specifications required the use of lean concrete base material to be placed under the Jointed Plain Concrete pavement during lane replacement and shoulder widening. New Jointed Plain Concrete Pavement was constructed on the majority of the project. G3 provided quality control services for Alternative Treated Base (LCB, LCB-RSC), Hot Mix Asphalt, Data Core, Jointed Plain Concrete Pavement, Jointed Plain Concrete Pavement RSC and CIP Structural Concrete. *Francisco served as the Laboratory Technician responsible for performing all required laboratory testing.*

### EXPERIENCE

**4** Years

YEARS WITH G3: 4

### EDUCATION

General Studies

### CERTIFICATIONS

- CALTRANS CTM Certifications
- AASHTO Certifications
- ACI Concrete Certifications

## Caltrans Certification Table

Caltrans Test Method	Expiration
CT 539	6/8/2019
CT 523.1 Section B.1 & B.2	6/6/2021
CT 211	12/10/2021
CT 206	1/22/2022
207	1/22/2022
CT 234	1/22/2022
CT 235	1/22/2022
CT 308	1/30/2022
CT 309	1/30/2022
CT 125	3/15/2022
CT 370	4/10/2023
CT 382	4/10/2023
CT 521	6/4/2023
CT 523.2 Section B.3	6/4/2023
CT 524	6/4/2023
CT 105	6/18/2024
CT 125	6/18/2024
CT 201	6/18/2024
CT 202	6/18/2024
CT 205	6/18/2024
CT 216	6/18/2024
CT 217	6/18/2024
CT 226	6/18/2024

AASHTO Test Method	Expiration
CT 227	6/18/2024
CT 229	6/18/2024
AASHTO T312	12/9/2021
AASHTO T324	12/9/2021
AASHTO T96	12/10/2021
AASHTO T166	12/20/2021
AASHTO T209	12/20/2021
AASHTO T269	12/20/2021
AASHTO T275	12/20/2021
AASHTO T308	12/20/2021
AASHTO T11	3/15/2022
AASHTO T27	3/15/2022
AASHTO R47	3/15/2022
AASHTO R76	3/15/2022
AASHTO T176	3/15/2022
AASHTO T255	3/15/2022
AASHTO T329	3/15/2022
AASHTO T335	3/15/2022
AASHTO T84	4/10/2023
AASHTO T85	4/10/2023
AASHTO T210	4/10/2023
AASHTO T304	4/10/2023
ASTM D4791	4/10/2023



**G3 Quality, Inc.**

25837 Business Center Drive, Suite F,  
Redlands, California 92374

909.321.3643  
[www.g3quality.com](http://www.g3quality.com)

## **EXHIBIT C**

### **CITY - SERVICES TO BE PROVIDED TO CONSULTANT**

1. Furnish the Consultant all in-house data which is pertinent to services to be performed by the Consultant and which is within the custody or control of the City, including, but not limited to, construction drawings, specifications, copies of record and off-record maps and other record and off-record property data, right-of-way maps and other right-of-way data, pending or proposed subject property land division and development application data, all newly developed and pertinent design and project specification data, and such other pertinent data which may become available to the City.
2. Provide timely review, processing, and reasonably expeditious approval of all submittals by the Consultant.
3. Provide timely City staff liaison with the Consultant when requested and when reasonably needed.

## **EXHIBIT D**

### TERMS OF PAYMENT

1. The Consultant's compensation shall not exceed \$54,313.00.
2. The Consultant will obtain, and keep current during the term of this Agreement, the required City of Moreno Valley business license. Proof of a current City of Moreno Valley business license will be required prior to any payments by the City. Any invoice not paid because the proof of a current City of Moreno Valley business license has not been provided will not incur any fees, late charges, or other penalties. Complete instructions for obtaining a City of Moreno Valley business license are located at: [http://www.moval.org/do\\_biz/biz-license.shtml](http://www.moval.org/do_biz/biz-license.shtml)
3. The Consultant will electronically submit an invoice to the City once a month for progress payments along with documentation evidencing services completed to date. The progress payment is based on actual time and materials expended in furnishing authorized professional services during the preceding calendar month. At no time will the City pay for more services than have been satisfactorily completed and the City Engineer's determination of the amount due for any progress payment shall be final. The consultant will submit all original invoices to Accounts Payable staff at [AccountsPayable@moval.org](mailto:AccountsPayable@moval.org)  
Accounts Payable questions can be directed to (951) 413-3073.  
Copies of invoices may be submitted to the Capital Projects Division at email: [techinfo-capproj@moval.org](mailto:techinfo-capproj@moval.org) or calls directed to (951) 413-3120.
4. The Consultant agrees that City payments will be received via Automated Clearing House (ACH) Direct Deposit and that the required ACH Authorization form will be completed prior to any payments by the City. Any invoice not paid because the

completed ACH Authorization Form has not been provided will not incur any fees, late charges, or other penalties. The ACH Authorization Form is located at:

[http://www.moval.org/city\\_hall/forms.shtml#bf](http://www.moval.org/city_hall/forms.shtml#bf)

5. The minimum information required on all invoices is:
  - A. Vendor Name, Mailing Address, and Phone Number
  - B. Invoice Date
  - C. Vendor Invoice Number
  - D. City-provided Reference Number (e.g. Project, Activity)
  - E. Detailed work hours by class title (e.g. Manager, Technician, or Specialist), services performed and rates, explicit portion of a contract amount, or detailed billing information that is sufficient to justify the invoice amount; single, lump amounts without detail are not acceptable.
6. The City shall pay the Consultant for all invoiced, authorized professional services within thirty (30) days of receipt of the invoice for same.

<b>TASK 1: ATTEND PRE-CONSTRUCTION, OCCASIONAL WEEKLY CONSTRUCTION PROGRESS MEETINGS, REVIEW CONTRACTOR MIX DESIGN SUBMITTALS</b>						
PROFESSIONAL SERVICE	SCOPE OF SERVICES:	DIRECT LABOR - CLASSIFICATION / TITLE	ESTIMATED QUANTITY			
			AMOUNT	UNITS	UNIT RATE	FEES
Preconstruction Meeting Attendance, and Materials Submittal Reviews	<b>Task 1.1:</b> Assumed at one Precon Meeting, and Materials Submittal Reviews	Project Manager	4	HR.	\$ 183.00	\$ 732.00
As-needed Project Technical Support	<b>Task 1.2:</b> Assumed at two days of site evaluation and Precon Meeting Attendance <b>Task 1.3:</b> Based on 2 construction meetings per month for a duration of 2 months	Project Director Project Manager	2	HR.	\$ 210.00	\$ 420.00
Periodic Construction Meeting Attendance		Project Manager	4	HR.	\$ 183.00	\$ 732.00
			<b>Subtotal:</b>		<b>\$</b>	<b>1,884</b>
<b>TASK 2: SLURRY SEAL MIX DESIGN VERIFICATION, CALIBRATION AND TESTING</b>						
PROFESSIONAL SERVICE	SCOPE OF SERVICES:	DIRECT LABOR - CLASSIFICATION / TITLE	ESTIMATED QUANTITY			
			AMOUNT	UNITS	UNIT RATE	FEES
<b>Slurry Seal Mix Design Verification Testing</b> - Laboratory Allowance for Required Materials Acceptance Testing	Based on the City's Special Provisions, LAPM and Greenbook Specification for 1 Slurry Seal Mix Designs. Billed on a per test basis.	See Appendix A - Laboratory Schedule of Fees	1	Not to Exceed	\$ 1,861.00	\$ 1,861.00
<b>Task 2.1:</b> Provide Slurry Seal Placement Technician and Sampler	Provide Slurry Placement Calibration and testing (Assume 1 Calibration and testing Shifts)	Quality Assurance Technician	8	HR.	\$ 121.00	\$ 968.00
<b>Task 2.2:</b> Provide Project Managements: Report Review and Submittal	Review Mix design verification test results, project management and data review of slurry calibration shifts	Project Manager	2	HR.	\$ 183.00	\$ 366.00
			<b>Subtotal:</b>		<b>\$</b>	<b>3,195</b>

<b>TASK 3: PRODUCTION TESTING OF SLURRY SEAL</b>						
<b>PROFESSIONAL SERVICE</b>	<b>SCOPE OF SERVICES:</b>	<b>DIRECT LABOR - CLASSIFICATION / TITLE</b>	<b>ESTIMATED QUANTITY</b>			
			<b>AMOUNT</b>	<b>UNITS</b>	<b>UNIT RATE</b>	<b>FEES</b>
<b>Task 3.1:</b> Provide Technician during Slurry Seal Operations	Provide material inspection and testing for slurry seal operations (Assume 12 days of slurry operations)	Quality Assurance Technician	96	HR.	\$ 121.00	\$ 11,616.00
<b>Task 3.2:</b> Provide Daily Project Management, Materials Testing Schedules, Report Review and Submittal	Based on a 1 hour per day for QA Program Management	Project Manager	12	HR.	\$ 183.00	\$ 2,196.00
<b>Task 3.3:</b> Project Director Final QA Report Review	Final Project QA Report and Technical Consulting	Project Director	4	HR.	\$ 210.00	\$ 840.00
Laboratory Allowance for Required Production Testing	Based on the City's Special Provisions, LAPM and Greenbook Specification Acceptance Testing Frequencies. Billed on a per test basis.	See Appendix A - Laboratory Schedule of Fees	1	Not to Exceed	\$ 13,032.00	\$ 13,032.00
			<b>Subtotal:</b>		<b>\$</b>	<b>27,684</b>
<b>TASK 4: CONSTRUCTION OBSERVATION AND TESTING OF AGGREGATE BASE AND SUBGRADE MATERIAL</b>						
<b>PROFESSIONAL SERVICE</b>	<b>SCOPE OF SERVICES:</b>	<b>DIRECT LABOR - CLASSIFICATION / TITLE</b>	<b>ESTIMATED QUANTITY</b>			
			<b>AMOUNT</b>	<b>UNITS</b>	<b>UNIT RATE</b>	<b>FEES</b>
<b>Task 4.1:</b> Provide Technician during Aggregate base and subgrade compaction	Provide material testing for Aggregate base and subgrade compaction - Assume 4 days of testing	Quality Assurance Technician	32	HR.	\$ 121.00	\$ 3,872.00
<b>Task 4.2:</b> Provide Daily Project Management, Materials Testing Schedules, Report Review and Submittal	Based on a 1 hour per day for QA Program Management	Project Manager	4	HR.	\$ 183.00	\$ 732.00
<b>Task 4.3:</b> Project Director Final QA Report Review	Final Project QA Report and Technical Consulting	Project Director	1	HR.	\$ 210.00	\$ 210.00
Laboratory Allowance for Required Production Testing	Based on the City's Special Provisions, LAPM and Greenbook Specification Acceptance Testing Frequencies. Billed on a per test basis.	See Appendix A - Laboratory Schedule of Fees	1	Not to Exceed	\$ 984.00	\$ 984.00
			<b>Subtotal:</b>		<b>\$</b>	<b>5,798</b>

<b>TASK 5: TESTING OF HMA/ARHM AND PLACEMENT OBSERVATION</b>						
<b>PROFESSIONAL SERVICE</b>	<b>SCOPE OF SERVICES:</b>	<b>DIRECT LABOR - CLASSIFICATION / TITLE</b>	<b>ESTIMATED QUANTITY</b>			
			<b>AMOUNT</b>	<b>UNITS</b>	<b>UNIT RATE</b>	<b>FEES</b>
<b>Task 5.1:</b> Provide Technician during HMA/ARHM Placement	Provide observation/field testing/sampling during HMA/ARHM Placement - Assume 6 days of production	Quality Assurance Technician	48	HR.	\$ 121.00	\$ 5,808.00
<b>Task 5.2:</b> Provide Daily Project Management, Materials Testing Schedules, Report Review and Submittal	Based on a 1 hour per day for QA Program Management	Project Manager	6	HR.	\$ 183.00	\$ 1,098.00
<b>Task 5.3:</b> Project Director Final QA Report Review	Final Project QA Report and Technical Consulting	Project Director	2	HR.	\$ 210.00	\$ 420.00
Laboratory Allowance for Required Production Testing	Based on the City's Special Provisions, LAPM and Greenbook Specification Acceptance Testing Frequencies. Billed on a per test basis.	See Appendix A - Laboratory Schedule of Fees	1	Not to Exceed	\$ 4,690.00	\$ 4,690.00
			<b>Subtotal:</b>		<b>\$</b>	<b>12,016</b>
<b>TASK 6: TESTING OF PCC AND PLACEMENT OBSERVATION</b>						
<b>PROFESSIONAL SERVICE</b>	<b>SCOPE OF SERVICES:</b>	<b>DIRECT LABOR - CLASSIFICATION / TITLE</b>	<b>ESTIMATED QUANTITY</b>			
			<b>AMOUNT</b>	<b>UNITS</b>	<b>UNIT RATE</b>	<b>FEES</b>
<b>Task 6.1:</b> Provide Technician during Concrete Placement	Provide observation/field testing/sampling during Concrete Placement - Assume 2 days of production	Quality Assurance Technician	16	HR.	\$ 121.00	\$ 1,936.00
<b>Task 6.2:</b> Provide Daily Project Management, Materials Testing Schedules, Report Review and Submittal	Based on a 1 hour per day for QA Program Management	Project Manager	2	HR.	\$ 183.00	\$ 366.00
<b>Task 6.3:</b> Project Director Final QA Report Review	Final Project QA Report and Technical Consulting	Project Director	0	HR.	\$ 210.00	\$ -
<b>Task 6.4:</b> Laboratory Allowance for Required Production Testing	Based on the City's Special Provisions, LAPM and Greenbook Specification Acceptance Testing Frequencies. Billed on a per test basis.	See Appendix A - Laboratory Schedule of Fees	1	Not to Exceed	\$ 1,248.00	\$ 1,248.00
			<b>Subtotal:</b>		<b>\$</b>	<b>3,550</b>



OTHER DIRECT COSTS						
PROFESSIONAL SERVICE	RELATED PROVISIONS:	OTHER DIRECT COST	ESTIMATED QUANTITY			
			AMOUNT	UNITS	UNIT RATE	FEES
Nuclear Density Gauge	Per Technician during field compaction activities	Expense Item Billed per Unit	80	HR.	\$ 9.00	\$ 720.00
Field Vehicles	Per Field Inspector or Technician	Vehicle Per Day	26	EA.	\$ 116.00	\$ 3,016.00
			<b>Subtotal:</b>		<b>\$</b>	<b>3,736</b>
CONTINGENCIES OPTION						
PROFESSIONAL SERVICE	RELATED PROVISIONS:	ESTIMATED QUANTITY				
		AMOUNT	UNITS	UNIT RATE	FEES	
Overtime Contingency Allowance	Overtime billed at 1.5 x hourly rate and Double-time billed at 2.0 x hourly rate		0	HR.	\$ 184.50	\$ -
			<b>Subtotal:</b>		<b>\$</b>	<b>-</b>
<b>QUALITY ASSURANCE INSPECTION AND MATERIALS TESTING NOT TO EXCEED:</b>						<b>\$ 54,313</b>

## EXHIBIT E

### INSURANCE REQUIREMENTS

#### Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. The most current version of Insurance Services Office (ISO) Commercial General Liability Coverage Form CG 00 01, which shall include insurance for “bodily injury,” “property damage” and “personal and advertising injury” with coverage for premises and operations, products and completed operations, and contractual liability.
2. The most current version of Insurance Service Office (ISO) Business Auto Coverage Form CA 00 01, which shall include coverage for all owned, hired, and non-owned automobiles or other licensed vehicles (Code 1- Any Auto).
3. Workers’ Compensation insurance as required by the California Labor Code and Employer’s Liability Insurance.
4. Professional Liability (Errors and Omissions) insurance appropriate to Consultant’s profession.

#### Minimum Limits of Insurance

Consultant shall maintain limits of liability of not less than:

1. General Liability:
  - \$1,000,000 per occurrence for bodily injury and property damage
  - \$1,000,000 per occurrence for personal and advertising injury
  - \$2,000,000 aggregate for products and completed operations
  - \$2,000,000 general aggregate
2. Automobile Liability:
  - \$1,000,000 per accident for bodily injury and property damage
3. Employer’s Liability:
  - \$1,000,000 each accident for bodily injury
  - \$1,000,000 disease each employee
  - \$1,000,000 disease policy limit

4. Professional Liability (Errors and Omissions):

\$1,000,000 per claim/occurrence  
\$2,000,000 policy aggregate

**Umbrella or Excess Insurance**

In the event Consultant purchases an Umbrella or Excess insurance policy(ies) to meet the "Minimum Limits of Insurance," this insurance policy(ies) shall "follow form" and afford no less coverage than the primary insurance policy(ies).

**Deductibles and Self-Insured Retentions**

Consultant shall be responsible for payment of any deductibles contained in any insurance policy(ies) required hereunder and Consultant shall also be responsible for payment of any self-insured retentions. Any deductibles or self-insured retentions must be declared to, and approved by, the City Manager or his/her designee. At the option of the City Manager or his/her designee, either (i) the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects City, CSD, Housing Authority and each of their officers, officials, employees, agents and volunteers; or (ii) Consultant shall provide a financial guarantee, satisfactory to the City Manager or his/her designee, guaranteeing payment of losses and related investigations, claim administration and defense expenses. At no time shall City be responsible for the payment of any deductibles or self-insured retentions.

**Other Insurance Provisions**

The General Liability and Automobile Liability insurance policies are to contain, or be endorsed to contain, the following provisions:

1. City, CSD, Housing Authority and each of their officers, officials, employees, agents and volunteers are to be covered as additional insureds.
2. The coverage shall contain no special limitations on the scope of protection afforded to City, CSD, Housing Authority and each of their officers, officials, employees, agents and volunteers.
3. Consultant's insurance coverage shall be primary and no contribution shall be required of City.

The Workers' Compensation insurance policy is to contain, or be endorsed to contain, the following provision: Consultant and its insurer shall waive any right of subrogation against City, CSD, Housing Authority and each of their officers, officials, employees, agents and volunteers.

If the Professional Liability (Errors and Omissions) insurance policy is written on a claims-made form:

1. The retroactive date must be shown, and must be before the effective date of the Agreement or the commencement of work by Consultant.
2. Insurance must be maintained and evidence of insurance must be provided for at least 3 years after any expiration or termination of the Agreement or, in the alternative, the policy shall be endorsed to provide not less than a 3-year discovery period.
3. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a retroactive date prior to the effective date of the Agreement or the commencement of work by Consultant, Consultant must purchase extended reporting coverage for a minimum of 3 years following the expiration or termination of the Agreement.
4. A copy of the claims reporting requirements must be submitted to City for review.
5. These requirements shall survive expiration or termination of the Agreement.

All policies of insurance required hereunder shall be endorsed to provide that the coverage shall not be cancelled, non-renewed, reduced in coverage or in limits except after 30 calendar day written notice by certified mail, return receipt requested, has been given to City. Upon issuance by the insurer, broker, or agent of a notice of cancellation, non-renewal, or reduction in coverage or in limits, Consultant shall furnish City with a new certificate and applicable endorsements for such policy(ies). In the event any policy is due to expire during the work to be performed for City, Consultant shall provide a new certificate, and applicable endorsements, evidencing renewal of such policy not less than 15 calendar days prior to the expiration date of the expiring policy.

#### **Acceptability of Insurers**

All policies of insurance required hereunder shall be placed with an insurance company(ies) admitted by the California Insurance Commissioner to do business in the State of California and rated not less than "A-VII" in Best's Insurance Rating Guide; or authorized by the City Manager or his/her designee.

#### **Verification of Coverage**

Consultant shall furnish City with all certificate(s) and **applicable endorsements** effecting coverage required hereunder. All certificates and **applicable endorsements** are to be received and approved by the City Manager or his/her designee prior to City's execution of the Agreement and before work commences.