

**AGREEMENT
CITY OF FRESNO, CALIFORNIA
CONSULTANT SERVICES**

THIS AGREEMENT is made and entered into effective the ~~[Day of the Month e.g., 1st]~~ July day of August, 2018, by and between the CITY OF FRESNO, a California municipal corporation (hereinafter referred to as "CITY"), and Cornerstone Structural Engineering Group, Inc., a California Corporation (hereinafter referred to as "CONSULTANT").

RECITALS

WHEREAS, CITY desires to obtain professional [engineering services for the design of plans and general construction contract documents for Bridge Preventive Maintenance Program Phase 2, hereinafter referred to as the "Project;" and

WHEREAS, CONSULTANT is engaged in the business of furnishing services as a professional engineer and hereby represents that it desires to and is professionally and legally capable of performing the services called for by this Agreement; and

WHEREAS, CONSULTANT acknowledges that this Agreement is subject to the requirements of Fresno Municipal Code Section 4-107 and Administrative Order No. 6-19; and

WHEREAS, this Agreement will be administered for CITY by its Public Works Department Director (hereinafter referred to as "Director") or his/her designee.

AGREEMENT

NOW, THEREFORE, in consideration of the foregoing and of the covenants, conditions, and promises hereinafter contained to be kept and performed by the respective parties, it is mutually agreed as follows:

1. Scope of Services. CONSULTANT shall perform the services described herein and in **Exhibit A** to complete the Project more fully described in **Exhibit A**, and this shall include all work incidental to, or necessary to perform, such services even though not specifically described in **Exhibit A**. The services of CONSULTANT shall consist of five Parts as described below. A separate Notice to Proceed will be issued for each of the aforementioned Parts. By entry into this Agreement and upon CITY'S issuance of a written "Notice to Proceed," CITY contracts for the services in Part One. CONSULTANT shall not perform any other Part of the Agreement, and this Agreement shall not be a contract for any other Part, until further performance is authorized by CITY'S issuance of a written "Notice to Proceed." It shall, however, remain CONSULTANT'S offer to perform all remaining parts described herein. In the event CONSULTANT performs services without CITY'S prior written authorization, CONSULTANT will not be entitled to compensation for such services.

(a) Part One. Schematic Design Phase.

(1) CONSULTANT shall review the description of the Project set forth in **Exhibit A** and consult with designated representatives of CITY to ascertain the requirements of the Project.

(2) CONSULTANT shall conduct studies and investigations as necessary to confirm requirements of design including, but not limited to, (i) consulting with the various utility agencies, and (ii) obtaining all information and data from the respective responsible CITY department/division that is available in CITY'S records and

is required by CONSULTANT in connection with the consulting services including, but not limited to, maps, surveys, reports, information, restrictions and easements. CONSULTANT shall notify CITY if a topographic survey is required.

(3) CONSULTANT shall provide a preliminary evaluation of the Project taking into consideration CITY'S estimate of the cost of construction ("Construction Budget") of Two Hundred Eighty-Seven Thousand Three Hundred Dollars (\$287,300.00), including alternative approaches to design and construction of the Project.

(4) Based upon the mutually agreed upon Project requirements and any adjustments authorized by CITY in the Construction Budget, CONSULTANT shall design and prepare schematic design drawings and other documents for review, modification, if required, and acceptance by CITY staff sufficient to show the concept and scope of the proposed Project and the scale and relationship of Project components.

(5) CONSULTANT shall submit a preliminary estimate of construction cost for review and acceptance by CITY. As used herein, "construction cost" means the cost of construction under the general construction contract and does not include CONSULTANT'S compensation as herein provided. Such estimate shall include, and shall separately state, the cost of any add or deduct alternatives, the cost of any work which may be let on a segregated bid basis and any equipment or fixtures which may be incorporated in or excluded from the general construction contract as may be necessary to stay within the Construction Budget.

(6) CONSULTANT shall make as many submittals as may be necessary or desirable to obtain the acceptance by CITY and shall assist CITY in applying for and obtaining from applicable public agencies any approval permit, or waiver required by law, which assistance shall include, but not be limited to, making Project information available to CITY.

(7) CONSULTANT may not rely upon any as-builts provided by CITY, but shall investigate the existing conditions and ascertain the adequacy of such as-builts for CONSULTANT'S design. CONSULTANT shall bring to CITY'S attention any discrepancies in the as-builts that are discovered by CONSULTANT. CITY makes no representations regarding any as-builts.

(8) Services shall be undertaken and completed in a sequence assuring expeditious completion. All services shall be rendered and deliverables submitted within Forty (40) calendar days from the issuance of a Notice to Proceed for this Part unless an extension of time is approved in writing by the Director. Re-submittals, as necessary to obtain the acceptance by CITY, shall be submitted to CITY within Fifteen (15) calendar days from receipt of CITY'S comments unless an extension of time is approved in writing by the Director.

(b) Part Two. Design Development Phase. After review and acceptance of the schematic design phase and issuance of a written Notice to Proceed with this Part Two:

(1) Based upon the accepted schematic design documents and the Construction Budget, including authorized revisions thereto, CONSULTANT shall

prepare for review and acceptance by CITY the design development documents consisting of drawings and other documents to fix and describe the size and character of the Project as necessary to show treatment of significant details. In addition, CONSULTANT shall provide outline specifications of the work as to kinds of materials, systems, and other such design elements as may be required. Such design development documents and specifications shall be subject to review and acceptance by CITY.

(2) CONSULTANT shall submit a revised estimate of construction cost for review and acceptance by CITY. The revised estimate shall include, but shall separately state, the cost of any add or deduct alternates, any work which may be let on a segregated bid basis, and any furnishings, equipment or fixtures which may be incorporated in or excluded from the general construction contract as may be necessary to stay within the Construction Budget, including authorized revisions thereto.

(3) In the event that the revised estimate of construction cost exceeds the preliminary estimate of construction cost previously accepted, excluding therefrom any add alternate, any work which may be let on a segregated bid basis and any furnishing, equipment or fixtures which was identified in Part 1 as that which may be excluded from the general construction contract, CITY shall have the option of accepting or rejecting the revised estimate and CONSULTANT shall, at no additional cost to CITY, make such design changes as may be necessary to reduce the revised estimate so that it shall not exceed the preliminary estimate of construction cost previously accepted by CITY. CITY shall not increase the scope of the Project except by modification of this Agreement which shall include an agreed upon increase in CONSULTANT'S compensation.

(4) CONSULTANT shall make as many submittals as may be necessary or desirable to obtain the acceptance by CITY and shall assist CITY in applying for and obtaining from applicable public agencies any approval, permit, or waiver required by law, which assistance shall include, but not be limited to, making Project information available to CITY.

(5) Services shall be undertaken and completed in a sequence assuring expeditious completion. All services shall be rendered and deliverables submitted within Sixty (60) calendar days from the issuance of a Notice to Proceed for this Part unless an extension of time is approved in writing by the Director. Re-submittals, as necessary to obtain the acceptance by CITY, shall be submitted to CITY within Fifteen (15) calendar days from receipt of CITY'S comments unless an extension of time is approved in writing by the Director.

(c) Part Three. Construction Document Phase. After review and acceptance of the design development phase and issuance of a written Notice to Proceed with this Part Three:

(1) CONSULTANT shall prepare from the accepted design development documents, detailed plans and specifications setting forth the complete work to be done, and the materials, workmanship, finishes and equipment, fixtures, and site work required. CONSULTANT shall also prepare necessary bidding information, general and special conditions of the general construction contract, technical specifications of the general construction contract, and the bid proposal and general

construction contract forms. Such documents shall be subject to the review and acceptance by CITY. CONSULTANT shall cooperate with, assist and be responsive to CITY'S Purchasing Manager in preparation of all documents including, without limitation, slip-sheeting final documents for printing when requested. CITY'S Standard Specifications must be used by CONSULTANT where possible. Final drawings shall be drawn, printed or reproduced by a process providing a permanent record in black on vellum, tracing cloth, polyester base film, or high quality bond copy. Bid, general conditions, contract and bond document forms or formats regularly used by CITY shall be used by CONSULTANT unless the Director determines they would be impractical for this Project. CONSULTANT shall be responsible for assuring that the special conditions, technical specifications and any other documents prepared by CONSULTANT are consistent with any documents regularly used by CITY that are used for this Project.

(2) Upon request of CITY, CONSULTANT shall provide the calculations used to determine the general construction contract quantities; and structural calculations for the purpose of obtaining any building permits.

(3) CONSULTANT shall make as many submittals as may be necessary or desirable to obtain the acceptance by CITY and shall assist CITY in applying for and obtaining from applicable public agencies any approval, permit, report, statement, or waiver required by law, which assistance shall include, but not be limited to, making Project information available to CITY.

(4) CONSULTANT shall provide CITY with Three (3) sets of completed plans and Three (3) sets of completed specifications for review and final acceptance by CITY. Should the plans and specifications as submitted by CONSULTANT not be accepted by CITY, CONSULTANT shall revise the plans and specifications as needed to obtain final acceptance at no additional cost to CITY.

(5) After acceptance of final corrections, if any, CONSULTANT shall provide CITY with one set of accepted reproducible tracings and bid documents for the Project. In addition, CONSULTANT shall provide CITY with one complete set of CAD/System disk files of drawings and complete disk files of specifications in the following format: AutoCAD Civil 3D 2017, Microsoft Word 2010, Microsoft Excel 2010.

(6) CONSULTANT shall submit a final estimate of construction cost for review and acceptance by CITY. Such estimate shall be calculated as of the date all general construction contract documents are delivered to CITY in final form ready for reproduction and advertising. Such estimate shall include, but shall separately state, the cost of any add or deduct alternates, any work which may be let on a segregated basis, and any equipment, or fixtures which may be incorporated in or excluded from the general construction contract.

(7) In the event that the final estimate of construction cost exceeds the revised estimate of construction cost previously accepted, excluding therefrom any add alternate, any work which may be let on a segregated bid basis and any furnishings, equipment or fixtures which was identified in the final revised estimate in Part 2 as that which may be excluded from the general construction contract, CITY shall have the option of accepting or rejecting the final estimate. If CITY elects to reject the final estimate, CONSULTANT shall at no additional cost to CITY, make such design changes

as may be necessary to reduce the final estimate so that it shall not exceed the revised estimate of construction cost previously accepted by CITY.

(8) Services shall be undertaken and completed in a sequence assuring expeditious completion. All services shall be rendered and deliverables submitted within Thirty (30) calendar days from the issuance of a Notice to Proceed for this Part unless an extension of time is approved in writing by the Director. Re-submittals, as necessary to obtain the acceptance by CITY, shall be submitted to CITY within Ten (15) calendar days from receipt of CITY'S comments unless an extension of time is approved in writing by the Director.

(d) Part Four. Bidding Phase. After review and acceptance of the construction document phase and if CITY elects to proceed to bid, which shall constitute a written Notice to Proceed with this Part Four:

(1) CONSULTANT shall assist CITY in obtaining bids. CONSULTANT shall not communicate with potential bidders regarding this Project without the express prior written authorization of CITY'S Purchasing Manager.

(2) CONSULTANT shall, within 7 calendar days of any request by CITY, expeditiously draft and promptly provide addendum as determined by CITY to be reasonable or necessary for the bidding process.

(3) If the lowest responsible bid received for the general construction contract exceeds by 10% or more the final estimate of construction cost previously accepted by CITY, excluding therefrom any add alternate, any work which may be let on a segregated bid basis and any furnishings, equipment or fixtures which are excluded from the general construction contract, CONSULTANT shall, within 14 calendar days of any request by CITY, revise the plans and specifications as may be necessary to stay within 10% of such final estimate of construction cost, at no additional cost to CITY provided such bid is received within 180 calendar days after completion of services in Section 1(c) of this Agreement. CONSULTANT shall also submit such revised plans and specifications, together with a new final estimate of construction cost, to CITY for review and acceptance. This procedure, using the latest accepted final estimate of construction cost, shall, upon written notice to CONSULTANT from the Director, be repeated until an acceptable bid is received that does not exceed the accepted final estimate of construction cost by more than 10%.

(e) Part Five. Construction Phase and General Construction Contract Administration. The construction phase will begin with the award of the general construction contract, which shall constitute a written Notice to Proceed with this Part Five, and will terminate when a Notice of Completion is filed. Upon award of a general construction contract for the Project and under the direction of the Director through CITY'S designated Construction Manager for the Project:

(1) CONSULTANT shall attend the pre-construction conference and, if called upon by CITY, act on CITY'S behalf in discussing the various aspects of the construction phase.

(2) CONSULTANT shall review and recommend in writing to CITY acceptance or non-acceptance of shop drawings, equipment and material submittals of

the general construction contractor as required by the general construction contract and applicable laws and regulations in a timely manner. The period for CONSULTANT review shall be as specified in the general construction contract, except if such period is not so specified, the period shall be as determined in the pre-construction conference as mutually agreed upon by CITY, CONSULTANT and the general construction contractor.

(3) CONSULTANT shall, at intervals appropriate to the state of construction, familiarize itself with the progress and quality of the work and determine in general if the work is proceeding in accordance with the general construction contract documents, and keep CITY informed of the progress of the work. In the event that CONSULTANT'S visit to the site results in the discovery of any defect or deficiencies in the work of the general construction contractor, CONSULTANT shall immediately advise CITY and document, in writing, the work CONSULTANT deems substandard, and make recommendations where appropriate to reject any work not conforming to the intended design or specifications. Based on CONSULTANT'S best knowledge, information and belief, CONSULTANT shall provide CITY a general written assurance that the work covered by a payment application meets the standards in the general construction contract. As to technical aspects, CONSULTANT shall provide a written judgment of the acceptability of the work for payment applications and final acceptance, subject to CITY'S right to overrule CONSULTANT.

(4) Upon written request by CITY, CONSULTANT shall render interpretations of the general construction contract documents necessary for the proper execution or progress of the work.

(5) Upon written request by CITY, CONSULTANT shall render written recommendations on change orders, claims, disputes or other questions arising out of the general construction contract, in a timely manner. Recommendations by CONSULTANT in favor of a change order that is consequently accepted by CITY shall constitute approval by CONSULTANT who shall then approve the change order in writing. CONSULTANT shall not unreasonably withhold written approval in the event CITY accepts a change order that CONSULTANT recommended to be rejected. In the event of any technical disputes, CONSULTANT shall provide CITY with CONSULTANT'S written interpretation of the contract documents. The period for CONSULTANT review shall be as specified in the general construction contract, except if such period is not so specified, the period shall be as determined in the pre-construction conference as mutually agreed upon by CITY, CONSULTANT and the general construction contractor. If CITY, CONSULTANT and the respective general construction contractor are unable to mutually agree on such period for CONSULTANT review, then CITY will make the determination and that determination will be final.

(6) Upon written request by CITY, CONSULTANT shall provide such design and specification services as may be requested by CITY to implement change orders necessary for clarification or interpretation of the general construction contract documents or which may have resulted from errors or omissions by CONSULTANT.

(7) Where change orders arise as a result of an increase in the scope of work or are due to unforeseeable conditions, the parties may modify this Agreement, which modification shall include an agreed upon increase in CONSULTANT'S compensation.

(8) Upon written request of CITY, CONSULTANT shall assist CITY in the preparation of Progress Payment Estimates and other related construction reports.

(9) CONSULTANT shall provide CITY with two sets of original as-grade plans wet-stamped and signed by the CONSULTANT'S Engineer of Record for the Project submitted for final approval by the CITY'S Building and Safety Services Division of the Development and Resource Management Department on all projects located outside the Right of Way.

(10) CONSULTANT shall prepare Record Drawings by updating the accepted general construction documents in Part 3 to reflect all changes or deviations that occurred during construction as reflected on or from each of the following: (i) the general construction contractor provided red-lined plans, (ii) those furnished by the CITY, (iii) CONSULTANT provided Request for Information responses, and (iv) any CONSULTANT bulletins, amendments or clarifications. CONSULTANT shall provide CITY with one set of vellum Record Drawings for the Project within Fifteen (15) calendar days from receipt of red-lined field markups unless an extension of time is approved in writing by the Director. Re-submittals, as necessary to obtain the acceptance by CITY, shall be submitted to CITY within Ten (10) calendar days from receipt of CITY comments unless an extension of time is approved in writing by the Director. In addition, CONSULTANT shall provide CITY with one complete set of CAD/System disk files of Record Drawings in the following format: AutoCAD Civil 3D 2017.

2. CITY'S responsibilities. CITY will:

(a) Provide, upon request and cooperation of CONSULTANT, access to, and make all provisions necessary to, enter upon public or private lands as required for CONSULTANT to perform such services and inspections as are required in development of the Project; provided, however, if CITY is unable to obtain access to enter upon public or private lands, CONSULTANT shall not be relieved from performing its services as to those public and private lands that are accessible. If CONSULTANT notifies CITY that a topographic survey is required by CONSULTANT in connection with the consulting services, then CITY will be responsible for conducting the topographic survey.

(b) Manage and be responsible for all negotiations with owners in connection with land or easement acquisition and provide all required title reports and appraisals.

(c) With the exception of preparing correspondence required for design, hold all required special meetings, serve all public and private notices, receive and act upon all protests, and perform all services customarily performed by owners as are necessary for the orderly progress of the work and the successful completion of the Project, and pay all costs incidental thereto.

(d) Select the testing laboratory and pay the cost of borings, samplings, and other work involved in soils testing during construction.

(e) Conduct onsite inspection during construction to check quality and quantity of work as conditions warrant and be responsible for assuring that the general construction contractor carries out all construction work in accordance with the plans and specifications. However, this does not release CONSULTANT from its responsibility to make

periodic site visits under Section 1(e) for the purpose of observing the work to determine its general conformity with the plans and specifications and reporting its findings to CITY.

(f) Prepare all change orders during construction in cooperation with CONSULTANT.

(g) Prepare all Progress Payment Estimates in cooperation with CONSULTANT following its general assurance that the work covered by a payment application meets the standards in the general construction contract documents based upon CONSULTANT'S best knowledge, information and belief.

(h) Pay, or cause to be paid, plan check fees, conditional use permit fees and site plan review fees.

(i) Arrange for and pay, or cause to be paid, any fees associated with Environmental Impact Reports or Statements.

(j) Give reasonably prompt consideration to all matters submitted by CONSULTANT for acceptance to the end that there will be no substantial delays in CONSULTANT'S program of work. For an acceptance, approval, authorization, a request or any direction to CONSULTANT to be binding upon CITY under the terms of this Agreement, such acceptance, approval, authorization, request or direction must be in writing, duly authorized by CITY and signed on behalf of CITY by the Director.

3. Compensation.

(a) CONSULTANT'S sole compensation for satisfactory performance of all services required or rendered pursuant to this Agreement shall be a total fee of Eighty-Two Thousand Sixty-Eight Dollars (\$82,068.00)], and a contingency amount not to exceed Seven Thousand Five Hundred Dollars (\$7,500.00)] for any additional work rendered pursuant to Subsection (d) below and authorized in writing by the Director. Such fees include all expenses incurred by CONSULTANT in performance of such services.

(b) Detailed statements shall be rendered monthly and will be payable in the normal course of CITY business. Such statements shall be for an amount no greater than that attributable to the Part upon which CONSULTANT is then engaged as provided in Section 3(c) below.

(c) For purposes of determining the division of the total compensation to CONSULTANT as provided in Section 3(a) above, or should performance of any succeeding Part not be authorized by CITY as provided in Section 1 of this Agreement, it is agreed that the total compensation shall be allocated to the five Parts of CONSULTANT'S performance as follows: Part 1 – Fifteen Percent (15%), Part 2 – Thirty-Five (35%), Part 3 – Forty Percent (40%), Part 4 – Two Percent (2%)] and Part 5 – Eight Percent (8%)]. Prior to the award of a general construction contract for the Project, or should such contract not be awarded, the approved Parts as provided above shall be utilized for purposes of determining the fee due to CONSULTANT.

(d) The parties may modify this Agreement to increase or decrease the scope of services or provide for the rendition of services not required by this Agreement, which modification shall include an adjustment to CONSULTANT'S compensation. Any change in the

scope of services must be made by written amendment to the Agreement signed by an authorized representative for each party. CONSULTANT shall not be entitled to any additional compensation if services are performed prior to a signed written amendment. Subsequent to the date of completion of Part Three, changes due to Code revisions or enactments adopted after such date shall constitute additional work subject to this Section 3(d).

4. Termination, Remedies, Force Majeure, and Consolidation of Disputes.

(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) 7 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 this Agreement, or insufficient funding for the Project; or (iv) expiration of this Agreement.

(b) Immediately upon any termination or expiration of this Agreement, CONSULTANT shall (i) immediately stop all work hereunder; (ii) immediately cause any and all of its subcontractors to cease work; and (iii) return to CITY any and all unearned payments and all properties and materials in the possession of CONSULTANT that are owned by CITY. Subject to the terms of this Agreement, CONSULTANT shall be paid compensation for services satisfactorily performed prior to the effective date of termination. CONSULTANT shall not be paid for any work or services performed or costs incurred which reasonably could have been avoided.

(c) 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.

(d) 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.

(e) CONSULTANT shall provide CITY with adequate written assurances of future performance, upon the request of the Director or his/her designee, in the event CONSULTANT fails to comply with any terms or conditions of this Agreement.

(f) 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 carriers. CONSULTANT shall notify the Director or his/her designee 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 the Director or his/her designee of the cessation of such occurrence.

(g) CONSULTANT agrees that, notwithstanding any contrary provision in this Agreement, any dispute arising from or relating to this Agreement (including, without limitation, disputes based on contract, tort, equity or statute) may, at CITY'S option, be joined and consolidated with any other dispute or disputes arising from or relating to the Project so that all disputes arising from or relating to the Project may be resolved in a single proceeding. CONSULTANT hereby specifically waives any objection it may otherwise have to such joinder and consolidation and specifically consents to mediation, arbitration or any other dispute resolution mechanism, forum or proceeding necessary to effectuate the joinder and consolidation contemplated by this provision.

(h) Any notice of termination sent to Consultant shall include the reason(s) for such termination or state that it is without cause.

5. Confidential Information, Ownership of Documents and Copyright License.

(a) Any reports, information, or other data prepared or assembled by CONSULTANT pursuant to this Agreement shall not be made available to any individual or organization by CONSULTANT without the prior written approval of CITY. During the term of this Agreement, and thereafter, CONSULTANT shall not, without the prior written consent of CITY, disclose to anyone any Confidential Information. The term Confidential Information for the purposes of this Agreement shall include all proprietary and confidential information of CITY, including but not limited to business plans, marketing plans, financial information, designs, drawings, specifications, materials, compilations, documents, instruments, models, source or object codes and other information disclosed or submitted, orally, in writing, or by any other medium or media. All Confidential Information shall be and remain confidential and proprietary in CITY.

- i. Permission granted to CONSULTANT to disclose information on one occasion shall not authorize CONSULTANT to further disclose such information or any other information or disseminate the same on any other occasion.
- ii. CONSULTANT shall not comment publicly to the press or any other media regarding the Agreement or CITY'S actions on the same, except to CITY'S personnel or CONSULTANT'S personnel involved in the performance of this Agreement at public hearings or in response to questions from a Legislative committee.
- iii. CONSULTANT shall not issue any news releases or any public relations item of any nature, whatsoever, regarding work performed or to be performed under this Agreement without prior review of the contents thereof by CITY and receipt of CITY'S written permission.

(b) Any and all original sketches, pencil tracings of working drawings, plans, computations, specifications, computer disk files, writings and other documents prepared or provided by CONSULTANT pursuant to this Agreement, in any form whatsoever, are the property of CITY at the time of preparation and shall be turned over to CITY upon expiration or termination of the Agreement or default by CONSULTANT. CONSULTANT grants CITY a copyright license to use such drawings and writings. CONSULTANT shall not permit the

reproduction or use thereof by any other person except as otherwise expressly provided herein. CITY may modify the design including any drawings or writings. Any use by CITY of the aforesaid sketches, tracings, plans, computations, specifications, computer disk files, writings and other documents in completed form as to other projects or extensions of this Project, or in uncompleted form, without specific written verification by CONSULTANT will be at CITY'S sole risk and without liability or legal exposure to CONSULTANT. CONSULTANT may keep a copy of all drawings and specifications for its sole and exclusive use.

- i. In the event of the copyright of any reports or other products prepared under this Agreement by CONSULTANT or any subcontractor, the Federal Highway Administration ("FHWA") shall have the royalty-free, nonexclusive and irrevocable right to reproduce, publish, or otherwise use, and to authorize others to use, the work for government purposes.

(c) If CONSULTANT should subcontract all or any portion of the services to be performed under this Agreement, CONSULTANT shall cause each subcontractor to also comply with the requirements of this Section 5.

(d) This Section 5 shall survive expiration or termination of this Agreement.

6. Professional Skill. It is further mutually understood and agreed by and between the parties hereto that inasmuch as CONSULTANT represents to CITY that CONSULTANT and its subcontractors, if any, are skilled in the profession and shall perform in accordance with the standards of said profession necessary to perform the services agreed to be done by it under this Agreement, CITY relies upon the skill of CONSULTANT and any subcontractors to do and perform such services in a skillful manner and CONSULTANT agrees to thus perform the services and require the same of any subcontractors. Therefore, any acceptance of such services by CITY shall not operate as a release of CONSULTANT or any subcontractors from said professional standards.

7. Indemnification. To the furthest extent allowed by law, CONSULTANT shall indemnify, hold harmless and defend CITY and each of its 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 and each of its 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.

8. 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 B**, which is incorporated into and part of this Agreement, with an insurance company(ies) either (i) admitted by the California Insurance Commissioner to do business in the State of California and rated no less than "A-VII" in the Best's Insurance Rating Guide, or (ii) as may be authorized in writing by CITY'S Risk Manager or his/her designee at any time and in his/her sole discretion. The required policies of insurance as stated in Exhibit B shall maintain limits of liability of not less than those amounts stated therein. However, the insurance limits available to CITY, its officers, officials, employees, agents and volunteers as additional insureds, shall be the greater of the minimum limits specified therein or the full limit of any insurance proceeds to the named insured.

(b) If at any time during the life of the Agreement or any extension, CONSULTANT or any of its subcontractors/sub-consultants 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 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) If CONSULTANT should subcontract all or any portion of the services to be performed under this Agreement, CONSULTANT shall require each subcontractor/sub-consultant to provide insurance protection, as an additional insured, to the 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 of any services by the subcontractor. CONSULTANT and any subcontractor/sub-consultant shall establish additional insured status for CITY, its officers, officials, employees, agents and volunteers by using Insurance Service Office (ISO) Form CG 20 10 11 85 or both CG 20 10 10 01 and CG 20 37 10 01 or by an executed manuscript company endorsement providing additional insured status as broad as that contained in ISO Form CG 20 10 11 85.

9. Conflict of Interest and Non-Solicitation.

(a) Prior to CITY'S execution of this Agreement, CONSULTANT shall complete a City of Fresno conflict of interest disclosure statement in the form as set forth in **Exhibit C**. During the term of this Agreement, CONSULTANT shall have the obligation and duty to immediately notify CITY in writing of any change to the information provided by CONSULTANT in such statement.

(b) 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, 23 U.S.C. § 112, FHWA regulations applicable to design and engineering consulting contracts found at 23 C.F.R. 172.1 *et seq.*, California Government Code Section 1090 *et. seq.*, the California Political Reform Act (California Government Code Section 87100 *et. seq.*), the regulations of the Fair Political Practices Commission concerning disclosure and disqualification (2 California Code of Regulations Section 18700 *et. seq.*) and Section 4-112 of the Fresno Municipal Code (Ineligibility to Compete). 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.

(c) 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.

(d) CONSULTANT represents and warrants that it has not paid or agreed to pay any compensation, lawful or unlawful, contingent or otherwise, direct or indirect, to any party to solicit or procure this Agreement or any rights/benefits hereunder. CITY shall have the right, in its discretion, to deduct from any payment to CONSULTANT under this Agreement, or otherwise recover the full amount of, any rebate, kickback or other consideration paid by CONSULTANT in violation of any representation or warranty under this section.

(e) Neither CONSULTANT, nor any firm affiliated with 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 with the exception of any subcontractor whose services are limited to providing surveying or materials testing information. 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. An affiliated firm is one which is subject to the control of the same person(s) through joint-ownership or otherwise.

(f) CONSULTANT shall disclose any financial, business, or other relationship with CITY that may have an impact upon the outcome of this Agreement or any ensuing CITY construction project. CONSULTANT shall also disclose any current clients who

may have a financial interest in the outcome of this Agreement or any ensuing CITY construction project, which will follow.

(g) CONSULTANT hereby certifies that it does not now have, nor shall it acquire any financial or business interest that would conflict with the performance of services under this Agreement.

(h) 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 9 in each subcontract and require its subcontractors to comply therewith.

(i) This Section 9 shall survive expiration or termination of this Agreement.

10. Recycling Program. In the event CONSULTANT maintains an office or operates a facility(ies), or is required herein to maintain or operate same, within the incorporated limits of the City of Fresno, CONSULTANT at its sole cost and expense shall:

- (i) Immediately establish and maintain a viable and ongoing recycling program, approved by CITY'S Solid Waste Management Division, for each office and facility. Literature describing CITY recycling programs is available from CITY'S Solid Waste Management Division and by calling City of Fresno Recycling Hotline at (559) 621-1111.
- (ii) Immediately contact CITY'S Solid Waste Management Division at (559) 621-1452 and schedule a free waste audit, and cooperate with such Division in their conduct of the audit for each office and facility.
- (iii) Cooperate with and demonstrate to the satisfaction of CITY'S Solid Waste Management Division the establishment of the recycling program in paragraph (i) above and the ongoing maintenance thereof.

11. General Terms, Federal and State Assurances and Requirements.

(a) Except as otherwise provided by law, all notices expressly required of CITY within the body of this Agreement, and not otherwise specifically provided for, shall be effective only if signed by the Director or his/her designee.

(b) Records of CONSULTANT'S expenses pertaining to the Project shall be kept on a generally recognized accounting basis. CONSULTANT and its subcontractors shall maintain all books, documents, papers, accounting records, and other evidence pertaining to the performance of the Agreement including, but not limited to, the costs of administering the Agreement. CONSULTANT and its subcontractors shall make such materials available at their respective offices at all reasonable times during the period of this Agreement and for 3 years, or longer if required by law, from the date of final payment under the Agreement. CITY, the State, the State Auditor, FHWA or any duly authorized representative of the federal government shall have access to any books, records, papers, accounting records and other documents of CONSULTANT and its subcontractors that are pertinent to the Agreement for audit, examinations, excerpts, and transcriptions. Copies thereof shall be furnished by CONSULTANT, if requested. If any litigation, claim, negotiations, audit or other action is commenced before the expiration of the 3-year time period, all records shall be retained and

made available until such action is resolved, or until the end of said time period whichever shall later occur. If CONSULTANT should subcontract all or any portion of the services to be performed under this Agreement, CONSULTANT shall cause each subcontractor to also comply with the requirements of this section and in the event a subcontract is entered into for an amount in excess of \$25,000 the subcontract shall include this paragraph in its entirety. This Section 11(b) shall survive expiration or termination of this Agreement.

(c) Prior to execution of this Agreement by CITY, CONSULTANT shall have provided evidence to CITY that CONSULTANT is licensed to perform the services called for by this Agreement (or that no license is required). If CONSULTANT should subcontract all or any portion of the work or services to be performed under this Agreement, CONSULTANT shall require each subcontractor to provide evidence to CITY that subcontractor is licensed to perform the services called for by this Agreement (or that no license is required) before beginning work.

(d) CONSULTANT'S services pursuant to this Agreement shall be provided under the supervision of Todd M. Goolkasian, S.E., and he/she shall not assign another to supervise CONSULTANT'S performance of this Agreement without the prior written approval of the Director.

(e) CITY will carry out applicable federal requirements in the administration of this Agreement. Notwithstanding Section 25 herein, CONSULTANT agrees to comply with all applicable federal and state assurances and requirements identified in **Exhibit D along with its Appendix A** and require that each subcontract include the same assurances by each of its subcontractors.

12. Nondiscrimination. 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:

(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) CONSULTANT will send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, a notice advising such labor union or workers' representatives of CONSULTANT'S commitment under this section and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(e) If CONSULTANT should subcontract all or any portion of the services to be performed under this Agreement, CONSULTANT shall cause each subcontractor to also comply with the requirements of this Section 12.

13. Independent Contractor.

(a) In the furnishing of the services provided for herein, CONSULTANT is acting solely as an independent contractor. Neither CONSULTANT, nor any of its officers, agents or employees shall be deemed an officer, agent, employee, joint venturer, partner or associate of CITY for any purpose. CITY shall have no right to control or supervise or direct the manner or method by which CONSULTANT shall perform its work and functions. However, CITY shall retain the right to administer this Agreement so as to verify that CONSULTANT is performing its obligations in accordance with the terms and conditions thereof.

(b) This Agreement does not evidence a partnership or joint venture between CONSULTANT and CITY. CONSULTANT shall have no authority to bind CITY absent CITY'S express written consent. Except to the extent otherwise provided in this Agreement, CONSULTANT shall bear its own costs and expenses in pursuit thereof.

(c) Because of its status as an independent contractor, CONSULTANT and its officers, agents and employees shall have absolutely no right to employment rights and benefits available to CITY employees. CONSULTANT shall be solely liable and responsible for all payroll and tax withholding and for providing to, or on behalf of, its employees all employee benefits including, without limitation, health, welfare and retirement benefits. In addition, together with its other obligations under this Agreement, CONSULTANT shall be solely responsible, indemnify, defend and save CITY harmless from all matters relating to employment and tax withholding for and payment of CONSULTANT'S employees, including, without limitation, (i) compliance with Social Security and unemployment insurance withholding, payment of workers' compensation benefits, and all other laws and regulations governing matters of employee withholding, taxes and payment; and (ii) any claim of right or interest in CITY employment benefits, entitlements, programs and/or funds offered employees of CITY whether arising by reason of any common law, de facto, leased, or co-employee rights or other theory. It is acknowledged that during the term of this Agreement, CONSULTANT may be providing services to others unrelated to CITY or to this Agreement.

14. Notices. Any notice required or intended to be given to either party under the terms of this Agreement shall be in writing and shall be deemed to be duly given if delivered personally, transmitted by facsimile followed by telephone confirmation of receipt, or sent by United States registered or certified mail, with postage prepaid, return receipt requested, addressed to the party to which notice is to be given at the party's address set forth on the signature page of this Agreement or at such other address as the parties may from time to time designate by written notice. Notices served by United States mail in the manner above described shall be deemed sufficiently served or given at the time of the mailing thereof.

15. Binding. Subject to Section 16 below, once this Agreement is signed by all parties, it shall be binding upon, and shall inure to the benefit of, all parties, and each parties' respective heirs, successors, assigns, transferees, agents, servants, employees and representatives.

16. Assignment.

(a) This Agreement is personal to CONSULTANT and there shall be no assignment by CONSULTANT of its rights or obligations under this Agreement without the prior written approval of the City Manager or his/her designee. Any attempted assignment by CONSULTANT, its successors or assigns, shall be null and void unless approved in writing by the City Manager or his/her designee.

(b) CONSULTANT hereby agrees not to assign the payment of any monies due CONSULTANT from CITY under the terms of this Agreement to any other individual(s), corporation(s) or entity(ies). CITY retains the right to pay any and all monies due CONSULTANT directly to CONSULTANT.

17. Compliance With Law. In providing the services required under this Agreement, CONSULTANT shall at all times comply with all applicable laws of the United States, the State of California and CITY, and with all applicable regulations promulgated by federal, state, regional, or local administrative and regulatory agencies, now in force and as they may be enacted, issued, or amended during the term of this Agreement.

18. Waiver. 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.

19. Governing Law and Venue. This Agreement shall be governed by, and construed and enforced in accordance with, the laws of the State of California, excluding, however, any conflict of laws rule which would apply the law of another jurisdiction. Venue for purposes of the filing of any action regarding the enforcement or interpretation of this Agreement and any rights and duties hereunder shall be Fresno County, California.

20. Headings. The section headings in this Agreement are for convenience and reference only and shall not be construed or held in any way to explain, modify or add to the interpretation or meaning of the provisions of this Agreement.

21. Severability. The provisions of this Agreement are severable. The invalidity, or unenforceability of any one provision in this Agreement shall not affect the other provisions.

22. Interpretation. The parties acknowledge that this Agreement in its final form is the result of the combined efforts of the parties and that, should any provision of this Agreement be found to be ambiguous in any way, such ambiguity shall not be resolved by construing this Agreement in favor of or against either party, but rather by construing the terms in accordance with their generally accepted meaning.

23. Attorney's Fees. If either party is required to commence any proceeding or legal action to enforce or interpret any term, covenant or condition of this Agreement, the prevailing party in such proceeding or action shall be entitled to recover from the other party its reasonable attorney's fees and legal expenses.

24. Exhibits. Each exhibit and attachment referenced in this Agreement is, by the reference, incorporated into and made a part of this Agreement.

25. Precedence of Documents. In the event of any conflict between the body of this Agreement and any Exhibit or Attachment hereto, the terms and conditions of the body of this Agreement shall control and take precedence over the terms and conditions expressed within the Exhibit or Attachment. Furthermore, any terms or conditions contained within any Exhibit or Attachment hereto which purport to modify the allocation of risk between the parties, provided for within the body of this Agreement, shall be null and void.

26. Cumulative Remedies. No remedy or election hereunder shall be deemed exclusive but shall, wherever possible, be cumulative with all other remedies at law or in equity.

27. No Third Party Beneficiaries. The rights, interests, duties and obligations defined within this Agreement are intended for the specific parties hereto as identified in the preamble of this Agreement. Notwithstanding anything stated to the contrary in this Agreement, it is not intended that any rights or interests in this Agreement benefit or flow to the interest of any third parties.

28. Extent of Agreement. Each party acknowledges that they have read and fully understand the contents of this Agreement. This Agreement represents the entire and integrated agreement between the parties with respect to the subject matter hereof and supersedes all prior negotiations, representations or agreements, either written or oral. This Agreement may be modified only by written instrument duly authorized and executed by both CITY and CONSULTANT.

29. RFQ Document. Any Request for Qualifications and documents issued therewith (collectively referred to herein as "RFQ") by CITY that resulted in selection of CONSULTANT for entry into this Agreement are hereby incorporated into and made a part of this Agreement. In the event of a conflict between the RFQ and this Agreement (including any Exhibit hereto), this Agreement (including any Exhibit hereto) shall take precedence.

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IN WITNESS WHEREOF, the parties have executed this Agreement at Fresno, California, the day and year first above written.

CITY OF FRESNO,
a California municipal corporation

By: _____
Randall W. Morrison, PE, MCE,
Assistant Public Works Director
Public Works Department

ATTEST:
YVONNE SPENCE, CMC
City Clerk

By: _____
Deputy

No signature of City Attorney required.
Standard Document #DPW-S 31.1 has
been used without modification, as certified
by the undersigned.

By: _____
Michael W. Holly, PE
Professional Engineer
Public Works Department

REVIEWED BY:

Scott Tyler, PE, TE, Public Works Manager
Public Works Department

Addresses:

CITY:
City of Fresno
Attention: Michael W. Holly, PE,
Professional Engineer
2600 Fresno Street, Room 4016
Fresno, CA 93721
Phone: (559) 621-8701
FAX: (559) 457-1413

Attachments:

1. Exhibit A - Scope of Services
2. Exhibit B - Insurance Requirements
3. Exhibit C - Conflict of Interest Disclosure Form
4. Exhibit D - Federal and State Assurances
5. Appendix A to Exhibit D

Cornerstone Structural Engineering Group,
Inc.,
a California Corporation

By: Todd M. Goolkasian
Name: Todd M. Goolkasian

Title: President
[if corporation or LLC, Board
Chair, Pres. or Vice Pres.]

By: Mauraen Goolkasian
Name: Mauraen Goolkasian

Title: Secretary
[if corporation or LLC, CFO,
Treasurer, Secretary or Assistant
Secretary.]

Any Applicable Professional License:

Number: 5 3543
Name: Structural Engineer
Date of Issuance: 12/20/91

CONSULTANT:

Cornerstone Structural Engineering Group,
Inc.
Attention: Mark A. Weaver, SE,
Project Manager
986 West Alluvial Avenue, Suite 201
Fresno, CA 93711
Phone: (559) 320-3200
FAX: (559) 320-3201

Exhibit A

SCOPE OF SERVICES

Bridge Preventive Maintenance Program No. 2

City of Fresno Project Number PW00771

PROJECT TITLE

PROJECT DESCRIPTION

The proposed project consists of installation of scour countermeasures at five City-owned bridges:

- Clovis Avenue at Fancher Creek (42C0032)
- Maple Avenue at Mill Ditch (42C0217)
- Millbrook Avenue at Mill Ditch (42C0611)
- First Street at Dry Creek Canal (42C0198)
- Van Ness Avenue at Dry Creek Canal (42C0205)

Of the five bridges with proposed scour countermeasures, four bridges are not currently listed as scour critical therefore mitigations for these bridges will consist of rock slope protection, sized by FID standards, with geotextile fabric to be placed as a protective measure. The bridge at Millbrook Avenue and Mill Ditch has been identified by Fresno Irrigation District as a location with sediment buildup issues therefore scour mitigation measures at this bridge location will be excluded from this scope. The bridge at First Street and Dry Creek Canal is currently listed as scour critical and is immediately downstream of a fully lined channel section. Scour mitigation in this location is proposed to consist of backfilling undermined portions of bridge footing with lean concrete followed by extension of the upstream channel lining to a point downstream of the bridge terminating with installation of a cutoff wall and additional rock slope protection downstream of the cutoff wall. Due to the scour critical nature of this bridge, a hydraulic analysis will be performed to size the rock slope protection and cutoff wall to protect against future scour and head cutting of the channel downstream. Proposed scour measures at this location will be provided to FID for review and approval. Due to the nature of scour, replacement of rock slope protection may be required in the future as rocks are displaced by flowing water especially after flooding events similar to those recently experienced throughout California. Future replacement of rock slope protection will continue to be funded under current BPMP guidelines.

In addition to the scour mitigations, the bridge at Millbrook Avenue and Mill Ditch is exhibiting minor cracking of the deck typically present in a bridge of its age and construction and will be treated with methacrylate as part of this project to prevent water intrusion through the deck cracks. Traffic handling will be the responsibility of the Contractor per City's standard practice and no traffic handling plans or specifications will be prepared by Cornerstone.

We understand that utility "A" letters will be prepared by Cornerstone, based on owner and contact information provided by the City, and provided to the City for distribution to utility owners. Utilities identified by utility owners will be added to the project topo base map by the City and provided to Cornerstone for incorporation into the project plans. If utilities require relocation, a utility conflict exhibit will be prepared by Cornerstone and provided to the City for distribution to affected utility owners. Utility relocation plans prepared by owners will then be added to the topo base map by the City and provided to Cornerstone for incorporation into the project plans.

We understand that the City will prepare environmental documents (NEPA and CEQA) and permits including performing environmental technical studies and biological surveys. Cornerstone will provide input to the City to establish the limits of the APE map and will review and assess proposed mitigation measures identified in the environmental documents to confirm feasibility.

SCOPE OF WORK

PHASE 1 – SCHEMATIC DESIGN

1.0 Schematic Engineering

Schematic Engineering tasks shall include the development of the project design criteria and preliminary coordination with the CITY and FID.

1.1 Preliminary Meeting

1.1.1 Field Review Meeting

Prepare for and attend Field Review Meetings at the site. Attendees to include the Fresno Irrigation District, CITY, CALTRANS, and other interested agencies (1 local meeting assumed).

Deliverables:

- Field Review Meeting Minutes

1.1.2 Coordination Meeting with CITY and Utility Companies

Prepare for and attend coordination meetings with the CITY, FID and Utility companies (1 local meeting assumed)

Deliverables:

- Meeting Minutes

1.2 Schematic Design

1.2.1 Schematic Design

The CONSULTANT shall prepare hand sketches for bridge scour countermeasures showing approximate extents of countermeasures.

Deliverables:

- Scaled sketches of proposed scour countermeasures

1.2.2 Schematic Estimate of the Probable Construction Cost

The CONSULTANT shall prepare a preliminary estimate of the probable construction cost of the proposed bridge scour countermeasure, methacrylate deck treatment and associated roadway items. The estimate shall be general in nature and based on square foot costs.

Deliverables:

- Schematic Estimate of the Probable Construction Cost

1.2.3 Utility Coordination

Based on utility owners and contact information from the CITY, CONSULTANT will prepare utility 'A' letters to be provided to the City for distribution to utility owners. Utilities identified by utility owners will be added to the project topographic base sheet by the CITY and provided to CONSULTANT for incorporation into the project plans.

After receipt of the topo base map updated with existing utility locations, CONSULTANT will prepare a utility conflict exhibit for each bridge site. The utility conflict exhibits will be provided to the CITY for distribution to utility owners when conflicting utilities are identified. CITY will coordinate preparation of utility relocation plans with utility owners based upon the utility conflict exhibits and will update the topo base map with locations of the relocated utilities. The updated topographic base sheet will then be provided to CONSULTANT for incorporation into the final project plans.

PHASE 2 – DESIGN DEVELOPMENT

2.0 Preliminary Engineering

Design Development tasks include development of the conceptual bridge plans. Information will be exchanged in the form of paper copies and, if appropriate, in MS Word, Excel and AutoCAD files. Drawings and Technical studies will be prepared in the English system.

2.1 Engineering Studies

2.1.1 Field Surveys

The CITY shall perform a topographic survey for the design of the bridge scour countermeasures and methacrylate deck treatment. The survey will include detailed topography of each bridge site including the channel and canal access roads and limited topography of the roadway to define the curb patterns, striping, existing profile grades, etc. Drawings will be provided in AutoCAD Civil 3D 2017 format in 1 foot contour intervals.

Additionally, the following specific items will be included in the survey:

- Plan location and elevation of overhead wires, including the lowest points
- Elevation of the high water marks in canal
- Canal top and toe of slope approximately 50 feet upstream and 100 ft downstream of existing bridge
- Survey of 8 to 10 channel cross sections of Dry Creek Canal up to 2000 ft downstream of First Street for use in hydraulic analysis of the channel
- Plan location and elevations of all driveway accesses within the survey limits.
- Update topographic base sheet with location of existing and relocated utilities

Deliverables:

- Topographic Base Sheet in AutoCAD Civil 3D 2017 format.

2.1.2 Preliminary Engineers Opinion of the Probable Cost

The CONSULTANT shall prepare a preliminary estimate of the construction cost of the bridge preventive maintenance. This estimate shall be general in nature and items may be lumped together (e.g. "Rock Slope Protection").

Deliverables:

- Written preliminary quantity take-off and cost estimate

2.1.3 Hydrology/ Hydraulic Studies

The CONSULTANT shall coordinate with the Fresno Irrigation District (FID) to determine the hydraulic flows at each location with proposed bridge scour countermeasures. Scour analysis is not required on bridge numbers 42C0032, 42C0217, 42C0611 or 42C0205 as they are not identified as scour critical. FID has indicated that bridge number 42C0611 has sediment buildup issues due to the abrupt change in direction of flow as Mill Ditch turns north to become Herndon Canal just west of the bridge therefore scour countermeasures at this bridge are excluded from this project. Bridge number 42C0198 is scour critical therefore a hydraulic analysis will be performed using flows provided by FID to determine anticipated downstream degradation, countermeasure extents, and cutoff wall depth. The results of this analysis will be documented in a technical memorandum to be provided to Caltrans as the basis of removing the scour critical flag from the bridge after completion of the project.

2.1.4 Scoping Memorandum

A scoping memorandum (including the Scoping Memorandum, Hydraulic Technical Memorandum, Vicinity Map, General Plans, and General Plan Cost Estimates) shall be prepared by the CONSULTANT and submitted to the CITY. The CITY will review the draft Scoping Memorandum and return a copy to the CONSULTANT with comments. Issues raised by the CITY will be discussed with and resolved by the CONSULTANT and agreed changes made to the Scoping Memorandum. The revised memorandum shall be submitted to the CITY for approval.

2.2 Environmental Documentation

CONSULTANT will provide narrative descriptions of equipment, work area, and likely construction staging required to complete the project. The CITY will use this information to establish the limits of the APE map and develop the project description for incorporation into the environmental documents.

PHASE 3 – CONSTRUCTION DOCUMENTS

3.0 Final Design

The final design engineering will include bridge scour countermeasure and methacrylate deck treatment design and preparation of PS&E. The CONSULTANT will perform the final design and preparation of PS&E. The CONSULTANT will perform portions of utilities coordination identified in task 1.2.3. The Project will be prepared in the English system.

3.1 Final Design

3.1.1 60 Percent PS&E

The CONSULTANT shall prepare 60 percent plans. The structure design will be performed during this task after type selection approval by the CITY. The 60 percent PS&E shall be developed so that an independent design check can be completed. The 60 percent PS&E will include plans and draft technical specifications.

The design shall be done in accordance with the current Caltrans Highway Design Manual, AASHTO LRFD Bridge Design Specifications, Bridge Design Details Manual, Bridge Design Aids Manual, Bridge Memos to Designers, and current FHWA Hydraulic Engineering Circulars (HEC). The design is limited to scour countermeasures at the five bridge sites and methacrylate at one bridge site and will not include evaluation for live load capacity or seismic adequacy of the existing bridge structures.

The drawings are anticipated to include the following sheets:

Title Sheet

Bridge Plans

General Plan (Bridge No. 42C0032) Sheet
General Plan (Bridge No. 42C0217) Sheet
General Plan (Bridge No. 42C0611) Sheet
General Plan (Bridge No. 42C0198) Sheet
General Plan (Bridge No. 42C0205) Sheet
Scour Countermeasure Details Sheet

Details and technical specification will be prepared in accordance with Caltrans 2015 Standard Plans, Caltrans 2015 Standard Specifications, Caltrans 2015 Revised Standard Specifications and the Caltrans 2015 Standard Special Provisions. Full-size plans shall be standard size (24X36). All drawings will be prepared in AutoCAD Civil 3D 2017.

Deliverables:

- Three full-size sets of 60 percent plans (24 x 36)
- One half-size set of 60 percent plans (11 x 17)
- Three sets of annotated Technical Special Provisions
- Three copies of Cost Estimate

3.1.2 Independent Check

The CONSULTANT shall have the bridge 60 percent PS&E checked independently by an experienced engineer registered in California and not involved with the original design. The independent checker will review the scour countermeasure design and layout, review the technical specifications, and review the quantity calculations for the project. Issues raised by the checker will be discussed with and resolved by the designer and the independent checker. The final design will reflect agreement among the designer and the independent checker.

3.1.3 90 Percent PS&E

The CONSULTANT shall prepare 90 percent PS&E for review and approval of the CITY. The 90 percent PS&E shall include 60 percent PS&E updated in response to comments from the CITY and the independent checker. The specifications will be presented in standard CITY format using Caltrans Standards identified under task 3.1.1. The

CONSULTANT will provide the technical portion of the specifications to the CITY and the CITY will provide Boilerplate sections and combine the technical portion of the specifications in the bid documents.

The CONSULTANT will submit the engineer's estimate of probable construction cost. Unit costs will be estimated based on recent contract data from appropriate industry publications, Caltrans data, the CONSULTANT'S similar projects, or the CITY'S similar projects.

Deliverables:

- Three full-size sets of Plans (24 x 36)
- Three sets of annotated Technical Special Provisions
- Three copies of Cost Estimate
- Three sets of checked Quantity Calculations

3.1.4 100% PS&E

Following the reviews by the CITY, agreed-upon revisions shall be made to the 90% percent PS&E. The specifications, plans, and other bid documents will be submitted to the CITY for final approval.

Deliverables:

- Three full-size sets of Plans (24 x 36)
- Three sets of Technical Special Provisions
- Three copies of Cost Estimate

3.1.5 Deliver Final PS&E

After receipt of final approval, original sets of stamped and signed plans, specifications and engineer's estimate will be submitted to the CITY for its use in soliciting construction bids.

Deliverables:

- One set of Final Plans (24 x 36)
- One set of mylar Final Plans (24 x 36)
- Two sets of Final Quantity Calculations
- Final Plans on flash drive in AutoCAD Civil 3D 2017 format
- Technical Specifications on flash drive in MS Word format
- Engineers Estimate on flash drive in MS Excel format

PHASE 4 – BIDDING SERVICES

4.0 Services During Bidding

The CONSULTANT'S project manager and project staff will assist the CITY as requested during the bidding. The work may include answering questions, providing consultation and interpretation of the construction documents, and assisting the CITY in preparation of addenda to the PS&E during the advertisement period. Attending pre-bid meetings or bid opening and analysis of bids will also be provided if requested.

PHASE 5 – CONSTRUCTION SERVICES

5.0 Services during Construction

The CONSULTANT'S project manager and project staff will be available to assist the CITY during construction and provide the following construction support services.

- A. Assist the CITY during construction by reviewing shop drawings and materials submittals, clarifying drawings, and generally assisting the CITY to ensure that the project is constructed in accordance with the plans and specifications. Our design team has the ability to provide complete construction inspection services if requested. A separate proposal for inspection services can be provided at your request.
- B. Perform periodic site visits during construction as requested by the CITY.
- C. Provide advice and technical support for construction change orders.
- D. Prepare record drawings based on the CITY project inspector's redlined drawings within two weeks of CITY's submittal of the redlined drawings to the CONSULTANT.

ASSUMPTIONS

- Plans and specifications will be prepared for the BPMP measures listed under the Project Description. If additional BPMP measures are required, additional scope and budget may be necessary.
- It is anticipated that existing wet and dry utilities in the vicinity of the bridges will not be affected by the work of this project. If relocation work is required, it is assumed the utilities will complete all relocation plans and the CITY will coordinate such relocations. CONSULTANT will show the utility relocations on the plans.
- Aerial photography will not be used.
- Consultant will provide the required technical specifications for the bridge work to the City to incorporate into their boiler plate specifications.
- A hydraulic and scour analysis will not be required for Bridge Nos. 42C0032, 42C0217, 42C0611 or 42C0205.
- As discussed in HEC 23, scour countermeasures are designed and installed to stabilize a limited area in order to protect the structural integrity of highway structures. Scour countermeasures are often damaged or destroyed by the stream over time. It is assumed that the local agency will perform maintenance to replace damaged portions of scour countermeasures in response to future changes in channel erosion patterns.
- This scope does not include implementation of environmental mitigations that may be required by the Environmental Documents (Planting plans, environmental monitoring, etc.).

Exhibit B

INSURANCE REQUIREMENTS

Consultant Service Agreement between City of Fresno ("CITY") and Cornerstone Structural Engineering Group, Inc. ("CONSULTANT")

Bridge Preventive Maintenance Program No. 2

PROJECT TITLE

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, providing liability coverage arising out of your business operations. The Commercial General Liability policy shall be written on an occurrence form and shall provide coverage for "bodily injury," "property damage" and "personal and advertising injury" with coverage for premises and operations (including the use of owned and non-owned equipment), products and completed operations, and contractual liability (including, without limitation, indemnity obligations under the Agreement) with limits of liability not less than those set forth under "Minimum Limits of Insurance."
2. The most current version of ISO *Commercial Auto Coverage Form CA 00 01, providing liability coverage arising out of the ownership, maintenance or use of automobiles in the course of your business operations. The Automobile Policy shall be written on an occurrence form and shall provide coverage for all owned, hired, and non-owned automobiles or other licensed vehicles (Code 1- Any Auto). If personal automobile coverage is used, the CITY, its officers, officials, employees, agents and volunteers are to be listed as additional insureds.
3. Workers' Compensation insurance as required by the State of California and Employer's Liability Insurance.
4. Professional Liability (Errors and Omissions) insurance appropriate to CONSULTANT'S profession. Architect's and engineer's coverage is to be endorsed to include contractual liability.

MINIMUM LIMITS OF INSURANCE

CONSULTANT, or any party the CONSULTANT subcontracts with, shall maintain limits of liability of not less than those set forth below. However, insurance limits available to CITY, its officers, officials, employees, agents and volunteers as additional insureds, shall be the greater of the minimum limits specified herein or the full limit of any insurance proceeds available to the named insured:

1. **COMMERCIAL GENERAL LIABILITY:**
 - (i) \$1,000,000 per occurrence for bodily injury and property damage;
 - (ii) \$1,000,000 per occurrence for personal and advertising injury;
 - (iii) \$2,000,000 aggregate for products and completed operations; and,

- (iv) \$2,000,000 general aggregate applying separately to the work performed under the Agreement.

2. **COMMERCIAL AUTOMOBILE LIABILITY:**

\$1,000,000 per accident for bodily injury and property damage.

OR*

PERSONAL AUTOMOBILE LIABILITY insurance with limits of liability not less than:

- (i) \$100,000 per person;
- (ii) \$300,000 per accident for bodily injury; and,
- (iii) \$50,000 per accident for property damage.

3. **WORKERS' COMPENSATION INSURANCE** as required by the State of California with statutory limits.

4. **EMPLOYER'S LIABILITY:**

- (i) \$1,000,000 each accident for bodily injury;
- (ii) \$1,000,000 disease each employee; and,
- (iii) \$1,000,000 disease policy limit.

5. **PROFESSIONAL LIABILITY** (Errors and Omissions):

- (i) \$1,000,000 per claim/occurrence; and,
- (ii) \$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). In addition, such Umbrella or Excess insurance policy(ies) shall also apply on a primary and non-contributory basis for the benefit of the CITY, its officers, officials, employees, agents and volunteers.

DEDUCTIBLES AND SELF-INSURED RETENTIONS

CONSULTANT shall be responsible for payment of any deductibles contained in any insurance policy(ies) required herein and CONSULTANT shall also be responsible for payment of any self-insured retentions. Any deductibles or self-insured retentions must be declared to on the Certificate of Insurance, and approved by, the CITY'S Risk Manager or his/her designee. At the option of the CITY'S Risk Manager or his/her designee, either:

- (i) The insurer shall reduce or eliminate such deductibles or self-insured retentions as respects CITY, its officers, officials, employees, agents and volunteers; or

- (ii) CONSULTANT shall provide a financial guarantee, satisfactory to CITY'S Risk 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/ENDORSEMENTS

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

1. CITY, its officers, officials, employees, agents and volunteers are to be covered as additional insureds. CONSULTANT shall establish additional insured status for the City and for all ongoing and completed operations by use of ISO Form CG 20 10 11 85 or both CG 20 10 10 01 and CG 20 37 10 01 or by an executed manuscript insurance company endorsement providing additional insured status as broad as that contained in ISO Form CG 20 10 11 85.
2. The coverage shall contain no special limitations on the scope of protection afforded to CITY, its officers, officials, employees, agents and volunteers. Any available insurance proceeds in excess of the specified minimum limits and coverage shall be available to the Additional Insured.
3. For any claims related to this Agreement, CONSULTANT'S insurance coverage shall be primary insurance with respect to the CITY, its officers, officials, employees, agents and volunteers. Any insurance or self-insurance maintained by the CITY, its officers, officials, employees, agents and volunteers shall be excess of CONSULTANT'S insurance and shall not contribute with it. CONSULTANT shall establish primary and non-contributory status by using ISO Form CG 20 01 04 13 or by an executed manuscript insurance company endorsement that provides primary and non-contributory status as broad as that contained in ISO Form CG 20 01 04 13.

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, its 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 five (5) years after completion of the Agreement work or termination of the Agreement, whichever occurs first, or, in the alternative, the policy shall be endorsed to provide not less than a five (5) 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 five (5) years after completion of the Agreement work or termination of the Agreement, whichever occurs first.

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 herein shall be endorsed to provide that the coverage shall not be cancelled, non-renewed, reduced in coverage or in limits except after thirty (30) calendar days written notice by certified mail, return receipt requested, has been given to CITY. CONSULTANT is also responsible for providing written notice to the CITY under the same terms and conditions. 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 fifteen (15) calendar days prior to the expiration date of the expiring policy.

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'S Risk Manager or his/her designee prior to CITY'S execution of the Agreement and before work commences. All non-ISO endorsements amending policy coverage shall be executed by a licensed and authorized agent or broker. 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.

Exhibit C

DISCLOSURE OF CONFLICT OF INTEREST

Bridge Preventive Maintenance Program No. 2
PROJECT TITLE

		YES*	NO
1	Are you currently in litigation with the City of Fresno or any of its agents?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Do you represent any firm, organization or person who is in litigation with the City of Fresno?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	Do you currently represent or perform work for any clients who do business with the City of Fresno?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Are you or any of your principals, managers or professionals, owners or investors in a business which does business with the City of Fresno, or in a business which is in litigation with the City of Fresno?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5	Are you or any of your principals, managers or professionals, related by blood or marriage to any City of Fresno employee who has any significant role in the subject matter of this service?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	Do you or any of your subcontractors have, or expect to have, any interest, direct or indirect, in any other contract in connection with this Project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
* If the answer to any question is yes, please explain in full below.			

Explanation: _____

Additional page(s) attached.


Signature

7/9/18
Date

Todd M. Goolkasian
(name)

Cornerstone Structural Engineering,
(company) Group, Inc.

986 W. Alluvial, Ste. 201
(address)

Fresno CA 93711
(city state zip)

Exhibit D
FEDERAL AND STATE ASSURANCES
Consultant Service Agreement between City of Fresno ("CITY")
and Cornerstone Structural Engineering Group, Inc. ("CONSULTANT")
Bridge Preventive Maintenance Program No. 2

1. CONSULTANT shall comply with and require its Subcontractors to comply with the following:
 - a. 23 USC §112 regarding Highways and the letting of contracts to Architects and Engineers;
 - b. The provisions of the Fair Employment and Housing Act (Government Code Section 1290-0 et seq.), and the applicable regulations promulgated thereunder (California Code of Regulations, Title 2, Section 7285.0 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code Section 12900(a-f), set forth in Chapter of Division 4 of Title 2 of the California Code of Regulations are incorporated into this Agreement by reference and made a part hereof as if set forth in full. Give a written notice of their obligations under this clause to any labor organizations with which they have a collective bargaining or any other agreements as appropriate. **INCLUDE THIS ENTIRE CLAUSE IN ANY AND ALL SUBCONTRACTS.**
 - c. **Appendix A** attached hereto and incorporated herein.
2. Cost Principles
 - a. CONSULTANT agrees that the Contract Cost Principles and Procedures, 48 CFR, Federal Acquisition Regulations System, Chapter 1 Part 31.000 et seq., shall be used to determine the allowability of cost for individual items.
 - b. CONSULTANT also agrees to comply with federal procedures in accordance with 49 CFR, Part 18, Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments.
 - c. Any costs for which payment has been made to CONSULTANT that are determined by subsequent audit to be unallowable under 48 CFR, Federal Acquisition Regulations System, Chapter 1, Part 31.000 et seq., are subject to repayment by CONSULTANT to CITY.
3. Subcontracting
 - a. CONSULTANT shall perform the work contemplated with resources available within its own organization; and no portion of the work pertinent to this Agreement shall be subcontracted without written authorization by the CITY'S Contract Manager, except that, which is expressly identified in the approved Cost Proposal.
 - b. Any subcontract in excess of \$25,000 shall contain ALL the provisions stipulated in this Agreement to be applicable to subcontractors.
 - c. Any substitution of subconsultants/subcontractors must be approved in writing by the CITY's Contract Manager.

4. Equipment Purchase

- a. Prior authorization in writing, by the CITY'S Contract Manager shall be required before CONSULTANT enters into any unbudgeted purchase order, or subcontract exceeding \$5,000 for supplies, equipment, or CONSULTANT services. CONSULTANT shall provide a written request which includes an evaluation of the necessity or desirability of incurring such costs, three competitive quotations obtained in the manner prescribed in the CITY'S Municipal Code Section 4-101(d) or 4-102 as applicable or a sole source justification as provided in the CITY'S Administrative Order No. 3-3.
- b. Any equipment purchased as a result of this Agreement is subject to the following: CONSULTANT shall maintain an inventory of all nonexpendable property. Nonexpendable property is defined as having a useful life of at least two years and an acquisition cost of \$5,000 or more. If the purchased equipment needs replacement and is sold or traded in, CITY shall receive a proper refund or credit at the conclusion of the Agreement, or if the Agreement is terminated, CONSULTANT may either keep the equipment and credit CITY in an amount equal to its fair market value, or sell such equipment at the best price obtainable at a public or private sale, in accordance with established CITY procedures; and credit CITY in an amount equal to the sales price. If CONSULTANT elects to keep the equipment, fair market value shall be determined at CONSULTANT'S expense, on the basis of a competent independent appraisal of such equipment. Appraisals shall be obtained from an appraiser mutually agreeable to CITY and CONSULTANT, if it is determined to sell the equipment, the terms and conditions of such sale must be approved in advance by CITY. 49 CFR, Part 18 requires a credit to Federal funds when participating equipment with a fair market value greater than \$5,000.00 is credited to the project.
- c. The above provisions shall be included in all subcontracts in excess of \$25,000.

5. PROHIBITION OF EXPENDING CITY STATE OR FEDERAL FUNDS FOR LOBBYING
This section only applies to contracts where federal funding will exceed \$100,000.

A. CONSULTANT certifies to the best of his or her knowledge and belief that:

1. No state, federal or CITY appropriated funds have been paid, or will be paid by-or-on behalf of CONSULTANT to any person for influencing or attempting to influence an officer or employee of any state or federal agency; a Member of the State Legislature or United States Congress; an officer or employee of the Legislature or Congress; or any employee of a Member of the Legislature or Congress, in connection with the awarding of any state or federal contract; the making of any state or federal grant; the making of any state or federal loan; the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any state or federal contract, grant, loan, or cooperative agreement.

2. If any funds other than federal appropriated funds have been paid, or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency; a Member of Congress; an officer or employee of Congress, or an employee of a Member of Congress; in connection with this federal contract, grant, loan, or cooperative agreement; CONSULTANT shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

B. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S.Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

C. CONSULTANT also agrees by signing this document that he or she shall require that the language of this certification be included in all lower-tier subcontracts, which exceed \$100,000, and that all such sub recipients shall certify and disclose accordingly.

6. NON-DISCRIMINATION CLAUSE

During the performance of this Agreement, CONSULTANT and its subcontractors shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, physical disability (including HIV and AIDS), mental disability, medical condition (e.g., cancer), age (over 40), marital status, and denial of family care leave. CONSULTANT and subcontractors shall insure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment. CONSULTANT and subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Gov. Code §12990 (a-f) et seq.) and the applicable regulations promulgated thereunder (California Code of Regulations, Title 2, Section 7285 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code Section 12990 (a-f), set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations, are incorporated into this Agreement by reference and made a part hereof as if set forth in full. CONSULTANT and its subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other Agreement.

CONSULTANT shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under the Agreement.

APPENDIX A TO EXHIBIT D
Consultant Service Agreement between City of Fresno ("CITY")
and Bridge Preventive Maintenance Program No. 2 ("CONSULTANT")
Bridge Preventive Maintenance Program No. 2

(1) CONSULTANT shall comply with the regulations relative to nondiscrimination in federally assisted programs of the Department of Transportation, Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the REGULATIONS), which are herein incorporated by reference and made a part of this Agreement.

(2) CONSULTANT, with regard to the work performed by it during the Agreement, shall not discriminate on the grounds of race, color, sex, national origin, religion, age, or disability in the selection and retention of sub-applicants, including procurements of materials and leases of equipment. CONSULTANT shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the REGULATIONS, including employment practices when the Agreement covers a program set forth in Appendix B of the REGULATIONS.

(3) In all solicitations either by competitive bidding or negotiation made by CONSULTANT for work to be performed under a Sub-agreement, including procurements of materials or leases of equipment, each potential sub-applicant or supplier shall be notified by CONSULTANT of the CONSULTANT'S obligations under this Agreement and the REGULATIONS relative to nondiscrimination on the grounds of race, color, or national origin.

(4) CONSULTANT shall provide all information and reports required by the REGULATIONS, or directives issued pursuant thereto, and shall permit access to CONSULTANT'S books, records, accounts, other sources of information, and its facilities as may be determined by STATE or Federal Highway Administration ("FHWA") to be pertinent to ascertain compliance with such REGULATIONS or directives. Where any information required of CONSULTANT is in the exclusive possession of another who fails or refuses to furnish this information, CONSULTANT shall so certify to the State of California ("STATE") or the FHWA as appropriate, and shall set forth what efforts CONSULTANT has made to obtain the information.

(5) In the event of CONSULTANT'S noncompliance with the nondiscrimination provisions of this Agreement, STATE shall impose such agreement sanctions as it or the FHWA may determine to be appropriate, including, but not limited to:

(a) withholding of payments to CITY under the Agreement within a reasonable period of time, not to exceed 90 days; and/or

(b) cancellation, termination or suspension of the Agreement, in whole or in part.

(6) CONSULTANT shall include the provisions of paragraphs (1) through (6) in every sub-agreement, including procurements of materials and leases of equipment, unless exempt by the REGULATIONS, or directives issued pursuant thereto. CONSULTANT shall take such action with respect to any sub-agreement or procurement as STATE or FHWA may direct as a means of enforcing such provisions including sanctions for noncompliance, provided, however, that, in the event CONSULTANT becomes involved in, or is threatened with, litigation with a sub-applicant or supplier as a result of such direction, CONSULTANT may request STATE enter into

such litigation to protect the interests of STATE, and, in addition, CONSULTANT may request the United States to enter into such litigation to protect the interests of the United States.

(7) CONSULTANT shall execute the following CERTIFICATION OF CONSULTANT, COMMISSIONS & FEES

I HEREBY CERTIFY that I am President, and duly authorized representative of the firm of Cornerstone whose address is 986 W. Alluvial Fresno 93711, and that, except as hereby expressly stated, neither I nor the above firm that I represent have:

(a) employed or retained for a commission, percentage, brokerage, contingent fee, or other consideration, any firm or person (other than a bona fide employee working solely for me or the above CONSULTANT) to solicit or secure this Agreement; nor

(b) agreed, as an express or implied condition for obtaining this Agreement, to employ or retain the services of any firm or person in connection with carrying out the Agreement; nor

(c) paid, or agreed to pay, to any firm, organization or person (other than a bona fide employee working solely for me or the above CONSULTANT) any fee, contribution, donation, or consideration of any kind, for or in connection with, procuring or carrying out this Agreement.

I acknowledge that this Certificate is to be made available to the California Department of Transportation (Caltrans) in connection with this Agreement involving participation of Federal-aid Highway funds, and is subject to applicable state and federal laws, both criminal and civil.

(Date) 7/9/18

(Signature) 