

City Council Chambers
29844 Haun Road
Menifee, CA 92586



**Menifee City Council
Regular Meeting Agenda**

**Wednesday, September 18, 2024
5:00 PM Closed Session
6:00 PM Regular Meeting**

**Bill Zimmerman, Mayor
Bob Karwin, District 1
Ricky Estrada, District 2
Lesa Sobek, District 3
Dean Deines, District 4**

**Armando G. Villa, City Manager
Jeffrey T. Melching, City Attorney
Sarah Manwaring, City Clerk**

AGENDA

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- 10.8 Agreement with Bucknam Infrastructure Group, Inc. for City's Pavement Management Program Update

RECOMMENDED ACTION

1. Approve and authorize the City Manager to execute a Professional Services Agreement with Bucknam Infrastructure Group, Inc. to update the City's Pavement Management Program, Capital Improvement Program Project No. 24-23, for a total amount not-to-exceed \$169,403 through June 30, 2025.



CITY OF MENIFEE

SUBJECT: Agreement with Bucknam Infrastructure Group, Inc. for City's Pavement Management Program Update

MEETING DATE: September 18, 2024

TO: Mayor and City Council

PREPARED BY: Rex Caballero, Assistant Engineer

REVIEWED BY: Nick Fidler, Public Works Director

APPROVED BY: Armando G. Villa, City Manager

RECOMMENDED ACTION

1. Approve and authorize the City Manager to execute a Professional Services Agreement with Bucknam Infrastructure Group, Inc. to update the City's Pavement Management Program, Capital Improvement Program Project No. 24-23, for a total amount not-to-exceed \$169,403 through June 30, 2025.

DISCUSSION

The City of Menifee's Pavement Management Program (PMP) was developed to maintain accurate and current pavement condition data within the City's street network to provide a helpful tool in developing cost-effective pavement maintenance strategies. The PMP allows City staff to effectively and efficiently address pavement needs, even when fiscal resources are limited. Since inception in 2008, the PMP has received regular updates to ensure new additions or modifications to the City's roadway network are incorporated. Updates to the PMP include identifying existing pavement conditions, designation of accurate Pavement Condition Index (PCI) ratings, and prioritization of road maintenance based on budget availability.

As new development occurs and the population increases, the City's street network must also expand. This growth necessitates regular updates to the PMP allowing staff to accurately identify necessary street maintenance and rehabilitation projects. The PMP requires reassessment every four years to ensure Capital Improvement Program (CIP) projects are prioritized based on the most current data. The latest update to the PMP occurred in 2021 and focused on the arterial and collector street network.

The Pavement Management Program Update, CIP Project No. 24-23 ("Project") would survey approximately 375 centerline miles of arterial, collector and residential local streets. The Project would utilize existing geographic information systems (GIS) imaging files from previous PMP updates and incorporate roads added to the City's roadway network since the last update. The

final Project report would provide recommendations for road maintenance and rehabilitation projects for inclusion in the Fiscal Year 2025-2030 CIP. The recommendations would utilize a weighted average of the current PCI rating or better and provide projections for funding maintenance over the next five years. The Project report would establish recommendations beginning in Fiscal Year 2025/26.

During the Fiscal Year 2023/24 Mid-Year Budget cycle, staff requested to increase the CIP budget to include funding for this Project. On April 30, 2024, staff released a Request for Proposal (RFP) for Pavement Condition Evaluation and Pavement Management Program Update services. A total of two proposals were received. Following the review of proposals received and to further assess the proposed project team to determine which firm most closely aligned with the scope of work outlined in the RFP, both firms were subsequently invited to participate in selection interviews. The average scores of the evaluation completed by the interview panel are summarized in Table 1 below.

TABLE 1 – SELECTION INTERVIEW FIRM RANKING SUMMARY

Firm Name	Interview Score	Cost Proposal Base Fee	Final Cost Proposal (with options)	Qualification Ranking
Bucknam Infrastructure Group	64.50	\$88,103	\$169,403	1
International Cybernetics Company	56.25	\$68,575	N/A	2

Under the California Government Code Section 4526, local agencies are required to select professional services for architectural, landscape architectural, engineering, environmental, land surveying, or construction project management solely on the basis of demonstrated competence and professional qualifications. For this reason, cost proposals are sealed until the selection process is completed. After thorough review, Bucknam Infrastructure Group (“Bucknam”) was selected as the highest-ranking proposer.

In addition to the provisions required as part of the basic scope of work for the project, Bucknam provided for several significant project enhancements that will be a benefit to the City in the PMP update. Included in the optional tasks would be the use of an AI True Area Segment Calculator, which is a tool that would utilize artificial intelligence (AI) to calculate the exact area being surveyed, ultimately resulting in cost savings by preventing over-estimation in calculating the area of a paved road. The final optional task included in Bucknam’s final cost proposal would be to employ an automated survey methodology using robotic and autonomous systems (RAS) to collect accurate inventory of signage and to identify the extent of existing pavement distress, which could easily be incorporated into the City’s Geographic Information Systems (GIS). Bucknam demonstrated qualified experience and a comprehensive understanding relevant to the Project’s scope as outlined within the RFP. The City’s independent estimate for the Project was \$250,000. The final cost proposal from Bucknam was \$169,403, which was determined to be reasonable and within the established Project budget.

The amount of the proposed Professional Services Agreement (“Agreement”) exceeds the City Manager’s signing authority. Pursuant to Menifee Municipal Code §3.12.040, any contract amount that exceeds the City Manager’s signing authority shall be approved by the City Council.

STRATEGIC PLAN OBJECTIVE

Connectivity and Mobility

FISCAL IMPACT

The fiscal impact of the proposed Agreement with Bucknam is for the total amount not-to-exceed \$169,403. Funding for the Agreement is available in the Fiscal Year 2024/2025 budget within the Quality of Life (Measure DD) Fund (1105-PWD-CIPS-658011), as summarized in Table 2 below.

TABLE 2 – PROJECT BUDGET

Fund	Available Budget	Anticipated Cost
Quality of Life (Measure DD)	\$250,000	\$169,403
TOTAL	\$250,000	\$169,403

No additional budget appropriation action is required.

ATTACHMENTS

1. Agreement – Bucknam Infrastructure Group

CITY OF MENIFEE

PROFESSIONAL SERVICES AGREEMENT

CIP 24-23 PAVEMENT MANAGEMENT PROGRAM (PMP) UPDATE (PROFESSIONAL ENGINEERING SERVICES)

THIS PROFESSIONAL SERVICES AGREEMENT (“Agreement”) is made and effective this _____ day of _____, 2024 (“Effective Date”) by and between the CITY OF MENIFEE, a California municipal corporation, (“City”) and **BUCKNAM INFRASTRUCTURE GROUP, INC.**, a California Corporation (“Consultant”). City and Consultant may sometimes herein be referred to individually as a “Party” and collectively as the “Parties.”

SECTION 1. SERVICES.

Subject to the terms and conditions set forth in this Agreement, Consultant shall provide to City the services described in the Scope of Services, attached hereto as Exhibit A and incorporated herein by this reference (the “Services”). Consultant will perform subsequent task orders as requested by the Contract Administrator (as defined below), in accordance with the Scope of Services. In the event of a conflict in or inconsistency between the terms of this Agreement and Exhibit A, this Agreement shall prevail.

1.1 Term of Services. The term of this Agreement shall begin on **October 2, 2024** and shall end on **June 30, 2025** unless the term of this Agreement is otherwise terminated or extended as provided for in Section 8. The time provided to Consultant to complete the Services required by this Agreement shall not affect City’s right to terminate this Agreement, as provided for in Section 8.

1.2 Standard of Performance. Consultant represents and warrants that Consultant is a provider of first class work and services and Consultant is experienced in performing the Services contemplated herein and, in light of such status and experience, Consultant shall perform the Services required pursuant to this Agreement in the manner and according to the standards observed by a competent practitioner of the profession in which Consultant is engaged in the geographical area in which Consultant practices its profession and to the sole satisfaction of the Contract Administrator.

1.3 Assignment of Personnel. Consultant shall assign only competent personnel to perform the Services pursuant to Agreement. In the event that City, in its sole discretion, at any time during the term of this Agreement, desires the reassignment of any such persons, Consultant shall, immediately upon receiving notice from City of such desire of City, reassign such person or persons.

1.4 Time. Consultant shall devote such time to the performance of the Services pursuant to this Agreement as may be reasonably necessary to satisfy Consultant’s obligations hereunder.

1.5 Authorization to Perform Services. Consultant is not authorized to perform any of the Services or incur any costs whatsoever under the terms of this Agreement until receipt of authorization from the Contract Administrator.

1.6 Warranty. By executing this Agreement, Consultant warrants that Consultant (i) has thoroughly investigated and considered the Services, (ii) has carefully considered how the Services should be performed, and (iii) fully understands the facilities, difficulties, and restrictions attending performance of the Services.

1.7 Covid-19 Safety. If Consultant enters City property or meets in person with City employees during the performance of the Services, Consultant shall comply with all applicable emergency orders, directives, protocols, and best practices related to the COVID-19 pandemic, including, but not limited to: (A) wearing facial coverings, (B) maintaining adequate physical distancing when possible, (C) regular hand washing, and (D) regular hand sanitizing.

SECTION 2. COMPENSATION.

City hereby agrees to pay Consultant a sum not to exceed **One Hundred Sixty Nine Thousand Four Hundred Three Dollars and Zero Cents (\$169,403.00)** notwithstanding any contrary indications that may be contained in Consultant's proposal, for the Services to be performed and reimbursable costs incurred under this Agreement. In the event of a conflict between this Agreement and Exhibit A, regarding the amount of compensation, this Agreement shall prevail. City shall pay Consultant for the Services rendered pursuant to this Agreement at the time and in the manner set forth herein. The payments specified below shall be the only payments from City to Consultant for the Services rendered pursuant to this Agreement. Consultant shall submit all invoices to City in the manner specified herein. Except as specifically authorized in advance by City, Consultant shall not bill City for duplicate services performed by more than one person.

2.1 Invoices. Consultant shall submit invoices monthly during the term of this Agreement, based on the cost for the Services performed and reimbursable costs incurred prior to the invoice date. Invoices shall contain the following information:

- a. Serial identifications of progress bills; i.e., Progress Bill No. 1 for the first invoice, etc.;
- b. The beginning and ending dates of the billing period;
- c. A "Task Summary" containing the original contract amount, the amount of prior billings, the total due this period, the balance available under this Agreement, and the percentage of completion;
- d. At City's option, for each item in each task, a copy of the applicable time entries or time sheets shall be submitted showing the name of the person performing the Services, the hours spent by each person, a brief description of the Services, and each reimbursable expense;

e. The total number of hours of work performed under this Agreement by Consultant and each employee, agent, and subcontractor of Consultant performing the Services hereunder necessary to complete the Services described in Exhibit A;

f. Receipts for expenses to be reimbursed;

g. The Consultant Representative's signature.

Invoices shall be submitted to:

City of Menifee
Attn: Accounts Payable
29844 Haun Road
Menifee, CA 92586

2.2 Monthly Payment. City shall make monthly payments, based on invoices received, for the Services satisfactorily performed, and for authorized reimbursable costs incurred. City shall have thirty (30) days from the receipt of an invoice that complies with all of the requirements above to pay Consultant.

2.3 Retention of Funds, Final Payment. Consultant hereby authorizes City to retain and deduct from any amount payable to Consultant not exceeding five percent (5%) of the total compensation. The retained funds shall be paid to Consultant within sixty (60) days after final acceptance of the Services by the City and after Consultant has furnished City with full release of all undisputed payments under this Agreement. In the event there are any claims specifically excluded by Consultant from the operation of the release, City may retain proceeds of up to one hundred fifty percent (150%) of the amount in dispute. The failure of City to exercise such right to deduct or to withhold shall not, however, affect the obligations of Consultant to insure, indemnify, and protect City as provided in this Agreement. City shall pay the last five percent (5%) of the total amount due pursuant to this Agreement within sixty (60) days after completion of the Services and submittal to City of a final invoice, if all of the Services required have been satisfactorily performed.

2.4 Total Payment. City shall not pay any additional sum for any expense or cost whatsoever incurred by Consultant in rendering the Services pursuant to this Agreement. City shall make no payment for any extra, further, or additional service pursuant to this Agreement.

In no event shall Consultant submit any invoice for an amount in excess of the maximum amount of compensation provided above either for a task or for the entirety of the Services performed pursuant to this Agreement, unless this Agreement is modified in writing prior to the submission of such an invoice.

2.5 Hourly Fees. Fees for the Services performed by Consultant on an hourly basis shall not exceed the amounts shown on the fee schedule included with Exhibit A.

2.6 Reimbursable Expenses. Reimbursable expenses are included within the maximum amount of this Agreement.

2.7 Payment of Taxes. Consultant is solely responsible for the payment of employment taxes incurred under this Agreement and any federal or state taxes.

2.8 Payment upon Termination. In the event that City or Consultant terminates this Agreement pursuant to Section 8, City shall compensate Consultant for all outstanding costs and reimbursable expenses incurred for Services satisfactorily completed and for reimbursable expenses as of the date of written notice of termination. Consultant shall maintain adequate logs and timesheets in order to verify costs and reimbursable expenses incurred to that date.

SECTION 3. FACILITIES AND EQUIPMENT.

Except as otherwise provided, Consultant shall, at its sole cost and expense, provide all facilities and equipment necessary to perform the services required by this Agreement. City shall make available to Consultant only physical facilities such as desks, filing cabinets, and conference space, as may be reasonably necessary for Consultant's use while consulting with City employees and reviewing records and the information in possession of City. The location, quantity, and time of furnishing those facilities shall be in the sole discretion of City. In no event shall City be required to furnish any facility or equipment that may involve incurring any direct expense, including but not limited to computer, long-distance telephone or other communication charges, vehicles, and reproduction facilities.

SECTION 4. INSURANCE REQUIREMENTS.

Before beginning any work under this Agreement, Consultant, at its own cost and expense, shall procure the types and amounts of insurance listed below and provide certificates of insurance, indicating that Consultant has obtained or currently maintains insurance that meets the requirements of this Section and which is satisfactory, in all respects, to City. Consultant shall maintain the insurance policies required by this Section throughout the term of this Agreement. The cost of such insurance shall be included in Consultant's compensation. Consultant shall not allow any subcontractor, consultant or other agent to commence work on any subcontract until Consultant has obtained all insurance required herein for the subcontractor(s) and provided evidence thereof to City. Verification of the required insurance shall be submitted and made part of this Agreement prior to execution. Consultant acknowledges the insurance policy must cover inter-insured suits between City and other insureds. Consultant agrees that the requirement to provide insurance shall not be construed as limiting in any way the extent to which Consultant may be held responsible for the payment of damages to any persons or property resulting from Consultant activities or the activities of any person or persons for which Consultant is otherwise responsible nor shall it limit Consultant's indemnification liabilities as provided in Section 5.

4.1 Workers' Compensation. Consultant shall, at its sole cost and expense, maintain Statutory Workers' Compensation Insurance and Employer's Liability Insurance for any and all persons employed directly or indirectly by Consultant pursuant to the provisions of the California Labor Code. Statutory Workers' Compensation Insurance and Employer's Liability Insurance shall be provided with limits of not less than ONE MILLION DOLLARS (\$1,000,000.00) per accident, ONE MILLION DOLLARS (\$1,000,000.00) disease per employee, and ONE MILLION DOLLARS (\$1,000,000.00) disease per policy. In the alternative, Consultant may rely on a self-insurance program to meet those requirements, but only if the program of self-insurance complies

fully with the provisions of the California Labor Code. Determination of whether a self-insurance program meets the standards of the California Labor Code shall be solely in the discretion of the Contract Administrator. The insurer, if insurance is provided, or Consultant, if a program of self-insurance is provided, shall waive all rights of subrogation against City and its officers, officials, employees, and authorized volunteers for loss arising from the Services performed under this Agreement.

4.2 Commercial General and Automobile Liability Insurance.

a. General requirements. Consultant, at its own cost and expense, shall maintain commercial general and automobile liability insurance for the term of this Agreement in an amount not less than ONE MILLION DOLLARS (\$1,000,000.00) per occurrence, combined single limit coverage, for risks associated with the Services contemplated by this Agreement, TWO MILLION DOLLARS (\$2,000,000.00) general aggregate, and TWO MILLION DOLLARS (\$2,000,000.00) products/completed operations aggregate. If a Commercial General Liability Insurance or an Automobile Liability Insurance form or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to the Services to be performed under this Agreement or the general aggregate limit shall be at least twice the required occurrence limit. Such coverage shall include but shall not be limited to, protection against claims arising from bodily and personal injury, including death resulting therefrom, and damage to property resulting from the Services contemplated under this Agreement, including the use of hired, owned, and non-owned automobiles.

b. Minimum Scope of Coverage. Commercial general coverage shall be at least as broad as Insurance Services Office Commercial General Liability occurrence form CG 0001. Automobile coverage shall be at least as broad as Insurance Services Office Automobile Liability form CA 0001 Code 2, 8, and 9. No endorsement shall be attached limiting the coverage.

c. Additional Requirements. Each of the following shall be included in the insurance coverage or added as a certified endorsement to the policy:

(i) The insurance shall cover on an occurrence or an accident basis, and not on a claims-made basis.

(ii) Any failure of Consultant to comply with reporting provisions of the policy shall not affect coverage provided to City and its officers, employees, agents, and volunteers.

4.3 Professional Liability Insurance.

a. General Requirements. Consultant, at its own cost and expense, shall maintain for the period covered by this Agreement professional liability insurance for licensed professionals performing the Services pursuant to this Agreement in an amount not less than ONE MILLION DOLLARS (\$1,000,000) covering the licensed professionals' errors and omissions. Any deductible or self-insured retention shall be shown on the Certificate. If the deductible or self-insured retention exceeds TWENTY-FIVE THOUSAND DOLLARS (\$25,000), it must be approved in writing by City.

b. Claims-Made Limitations. The following provisions shall apply if the professional liability coverage is written on a claims-made form:

(i) The retroactive date of the policy must be shown and must be no later than the commencement of the Services.

(ii) Insurance must be maintained and evidence of insurance must be provided for at least five (5) years after the expiration or termination of this Agreement or completion of the Services, so long as commercially available at reasonable rates.

(iii) If coverage is canceled or not renewed and it is not replaced with another claims-made policy form with a retroactive date that precedes the Effective Date of this Agreement, Consultant must provide extended reporting coverage for a minimum of five (5) years after the expiration or termination of this Agreement or the completion of the Services. Such continuation coverage may be provided by one of the following: (1) renewal of the existing policy; (2) an extended reporting period endorsement; or (3) replacement insurance with a retroactive date no later than the commencement of the Services under this Agreement. City shall have the right to exercise, at Consultant's sole cost and expense, any extended reporting provisions of the policy, if Consultant cancels or does not renew the coverage.

(iv) A copy of the claim reporting requirements must be submitted to City prior to the commencement of the Services under this Agreement.

4.4 All Policies Requirements.

a. Acceptability of Insurers. All insurance required by this Section is to be placed with insurers with a Bests' rating of no less than A:VII and admitted in California.

b. Verification of Coverage. Prior to beginning the Services under this Agreement, Consultant shall furnish City with certificates of insurance, additional insured endorsement or policy language granting additional insured status complete certified copies of all policies, including complete certified copies of all endorsements. All copies of policies and certified endorsements shall show the signature of a person authorized by that insurer to bind coverage on its behalf. The certificate of insurance must include the following reference: **CIP 24-23 PAVEMENT MANAGEMENT PROGRAM (PMP) UPDATE (PROFESSIONAL ENGINEERING SERVICES)**. The name and address for additional insured endorsements, certificates of insurance and notice of cancellation is: City of Menifee, 29844 Haun Road, Menifee, CA 92586. City must be endorsed as an additional insured for liability arising out of ongoing and completed operations by or on behalf of Consultant.

c. Notice of Reduction in or Cancellation of Coverage. Consultant shall provide written notice to City within ten (10) working days if: (1) any of the required insurance policies is terminated; (2) the limits of any of the required policies are reduced; or (3) the deductible or self insured retention is increased. In the event any of said policies of insurance are cancelled, Consultant shall, prior to the cancellation date, submit new evidence of insurance in conformance with this Section 4 to the Contract Administrator.

d. Additional Insured; Primary Insurance. City and its officers, employees, agents, and authorized volunteers shall be covered as additional insureds with respect to each of the following: liability arising out of the Services performed by or on behalf of Consultant, including the insured's general supervision of Consultant; products and completed operations of Consultant, as applicable; premises owned, occupied, or used by Consultant; and automobiles owned, leased, or used by Consultant in the course of providing the Services pursuant to this Agreement. The coverage shall contain no special limitations on the scope of protection afforded to City or its officers, employees, agents, or authorized volunteers. The insurance provided to City as an additional insured must apply on a primary and non-contributory basis with respect to any insurance or self-insurance program maintained by City. Additional insured status shall continue for one (1) year after the expiration or termination of this Agreement or completion of the Services.

A certified endorsement must be attached to all policies stating that coverage is primary insurance with respect to City and its officers, officials, employees, and volunteers, and that no insurance or self-insurance maintained by City shall be called upon to contribute to a loss under the coverage.

e. Deductibles and Self-Insured Retentions. Consultant shall obtain the written approval of City for the self-insured retentions and deductibles before beginning any of the Services.

During the term of this Agreement, only upon the prior express written authorization of the Contract Administrator, Consultant may increase such deductibles or self-insured retentions with respect to City, its officers, employees, agents, and volunteers. The Contract Administrator may condition approval of an increase in deductible or self-insured retention levels with a requirement that Consultant procure a bond guaranteeing payment of losses and related investigations, claim administration, and defense expenses that is satisfactory in all respects to each of them.

f. Subcontractors. Consultant shall include all subcontractors as insureds under its policies or shall furnish separate certificates and certified endorsements for each subcontractor. All coverages for subcontractors shall be subject to all of the requirements stated herein.

g. Variation. The Contract Administrator may, but is not required to, approve in writing a variation in the foregoing insurance requirements, upon a determination that the coverage, scope, limits, and forms of such insurance are either not commercially available, or that City's interests are otherwise fully protected.

4.5 Remedies. In addition to any other remedies at law or equity City may have if Consultant fails to provide or maintain any insurance policies or policy endorsements to the extent and within the time herein required, City may, at its sole option, exercise any of the following remedies, which are alternatives to other remedies City may have and are not the exclusive remedy for Consultant's breach:

a. Obtain such insurance and deduct and retain the amount of the premiums for such insurance from any sums due under this Agreement;

b. Order Consultant to stop work under this Agreement or withhold any payment that becomes due to Consultant hereunder, or both stop work and withhold any payment, until Consultant demonstrates compliance with the requirements hereof; and/or

c. Terminate this Agreement.

SECTION 5. INDEMNIFICATION.

5.1 Indemnification for Professional Liability. Where the law establishes a professional standard of care for performance of the Services, to the fullest extent permitted by law, Consultant shall indemnify, protect, defend (with counsel selected by City), and hold harmless City and any and all of its officers, employees, officials, volunteers, and agents from and against any and all claims, losses, costs, damages, expenses, liabilities, liens, actions, causes of action (whether in tort, contract, under statute, at law, in equity, or otherwise) charges, awards, assessments, fines, or penalties of any kind (including reasonable consultant and expert fees and expenses of investigation, costs of whatever kind and nature and, if Consultant fails to provide a defense for City, the legal costs of counsel retained by City) and any judgment (collectively, “Claims”) to the extent same are caused in whole or in part by any negligent or wrongful act, error, or omission of Consultant, its officers, agents, employees, or subcontractors (or any entity or individual that Consultant shall bear the legal liability thereof) in the performance of professional services under this Agreement.

5.2 Indemnification for Other than Professional Liability. Other than in the performance of professional services and to the full extent permitted by law, Consultant shall indemnify, protect, defend (with counsel selected by City), and hold harmless City, and any and all of its officers, employees, officials, volunteers, and agents from and against any and all Claims, where the same arise out of, are a consequence of, or are in any way attributable to, in whole or in part, the performance of this Agreement by Consultant or by any individual or entity for which Consultant is legally liable, including but not limited to officers, agents, employees or subcontractors of Consultant.

5.3 Limitation of Indemnification for Design Professionals. Notwithstanding any provision of this Section 5 to the contrary, design professionals, as that term is defined in Civil Code Section 2782.8, are required to defend and indemnify City only to the extent permitted by Civil Code Section 2782.8. The term “design professional” as defined in Section 2782.8, is limited to licensed architects, licensed landscape architects, registered professional engineers, professional land surveyors, and the business entities that offer such services in accordance with the applicable provisions of the California Business and Professions Code. This Subsection 5.3 shall only apply to Consultant if Consultant is a “design professional” as that term is defined in Civil Code Section 2782.8.

5.4 Limitation of Indemnification. The provisions of this Section 5 do not apply to claims occurring as a result of City’s sole or active negligence. The provisions of this Section 5 shall not release City from liability arising from gross negligence or willful acts or omissions of City or any and all of its officers, officials, employees, and agents acting in an official capacity.

SECTION 6. INDEPENDENT CONTRACTOR.

At all times during the term of this Agreement, Consultant shall be an independent contractor and shall not be an employee of City. City shall have the right to control Consultant only insofar as the results of the Services rendered pursuant to this Agreement and assignment of personnel pursuant to Subsection 1.3; however, otherwise City shall not have the right to control the means by which Consultant accomplishes the Services rendered pursuant to this Agreement. The personnel performing the Services under this Agreement on behalf of Consultant shall at all times be under Consultant's exclusive direction and control. Consultant shall not at any time or in any manner represent that it is or any of its officers, employees, or agents are in any manner officers, officials, employees, or agents of City. Consultant shall not incur or have the power to incur any debt, obligation, or liability whatever against City, or bind City in any manner. Except for the fees paid to Consultant as provided in this Agreement, City shall not pay salaries, wages, or other compensation to Consultant for performing the Services hereunder for City. City shall not be liable for compensation or indemnification to Consultant for injury or sickness arising out of performing the Services hereunder. Notwithstanding any other City, state, or federal policy, rule, regulation, law, or ordinance to the contrary, Consultant and any of its employees, agents, and subcontractors providing services under this Agreement shall not qualify for or become entitled to any compensation, benefit, or any incident of employment by City, including but not limited to eligibility to enroll in the California Public Employees Retirement System ("PERS") as an employee of City and entitlement to any contribution to be paid by City for employer contributions and/or employee contributions for PERS benefits.

SECTION 7. LEGAL REQUIREMENTS.

7.1 Governing Law. The laws of the State of California shall govern this Agreement.

7.2 Compliance with Applicable Laws. Consultant and any subcontractor shall comply with all applicable local, state, and federal laws and regulations applicable to the performance of the work hereunder. Consultant shall not hire or employ any person to perform work within City or allow any person to perform the Services required under this Agreement unless such person is properly documented and legally entitled to be employed within the United States. Consultant acknowledges and agrees that it shall be independently responsible for reviewing the applicable laws and regulations and effectuating compliance with such laws. Consultant shall require the same of all subcontractors.

7.3 Prevailing Wages. Consultant acknowledges and agrees that it shall be independently responsible for reviewing the applicable prevailing wage laws and regulations and effectuating compliance with such laws, including, but not limited to the prevailing wage and related requirements set forth in this Subsection 7.3. Consultant shall bear all risks of payment or non-payment of prevailing wages under California law and/or the implementation of Labor Code Section 1781, as the same may be amended from time to time, and/or any other similar law.

a. Public Work. Consultant hereby expressly acknowledges and agrees that City has never previously affirmatively represented to Consultant, its employees or agents in writing or otherwise that the Services are not a "public work," as defined in Section 1720 of the Labor Code. It is agreed by the Parties that, in connection with the development, construction (as

defined by applicable law) and operation of the Services, including, without limitation, any public work (as defined by applicable law), if any, Consultant shall bear all risks of payment or non-payment of state and/or federal prevailing wages and/or the implementation of Labor Code Sections 1726 and 1781, as the same may be enacted, adopted or amended from time to time, and/or any other provision of law. To the extent applicable, City will enforce all penalties required by law for Consultant's failure to pay prevailing wages.

b. Labor Code of California. The Consultant's attention is directed to Division 2, Part 7, Chapter 1 of the Labor Code of the State of California and especially to Article 2 (Wages); and Article 3 (Working Hours), thereof.

(i) In accordance with Sections 1773 and 1773.2 of the Labor Code, City has found and determined the general prevailing rates of wages in the locality in which the public work is to be performed are those determined by the Director of Industrial Relations and available at <https://www.dir.ca.gov/OPRL/2022-1/PWD/Southern.html>. Copies of the prevailing rates of wages are maintained with City's principal office and are available to any interested party on request. Consultant shall post a copy of the prevailing rate of per diem wages at each job site.

(ii) Consultant is aware of and will comply with the provisions of Labor Code Section 1776, including the keeping of payroll records and furnishing certified copies thereof in accordance with said Section. Pursuant to Labor Code Section 1771.4, Consultant must submit certified payroll records to the Labor Commissioner using the Department of Industrial Relations' electronic certified payroll reporting (eCPR) system.

(iii) Pursuant to Labor Code Section 1810, it is stipulated hereby that eight (8) hours labor constitutes a legal day's work hereunder.

(iv) Pursuant to Labor Code Section 1815, work performed by employees of contractors in excess of eight (8) hours per day, and 40 hours during any one week, shall be permitted upon public work upon compensation for all hours worked in excess of eight (8) hours per day at not less than 1 ½ times the basic rate of pay.

(v) Pursuant to Labor Code Section 1813, it is stipulated hereby that Consultant shall, as a penalty to City, forfeit twenty-five dollars (\$25) for each worker employed in the execution of this Agreement by Consultant or by any subcontractor hereunder for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any one calendar day and forty (40) hours in any one (1) calendar week in violation of the provisions of Article 3 (commencing with Section 1810), Chapter 1, Part 7, Division 2 of the Labor Code.

(vi) Consultant is aware of and will comply with the provisions of Labor Code Sections 1777.5 and 1777.6 with respect to the employment of apprentices. Pursuant to Section 1777.5 it is hereby stipulated that Consultant will be responsible for obtaining compliance therewith on the part of any and all sub-consultants or subcontractors employed by Consultant in connection with this Agreement.

(vii) Pursuant to Labor Code Section 1775, it is hereby stipulated that Consultant shall, as a penalty to City, forfeit not more than two-hundred dollars (\$200) for each

calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the Director of Industrial Relations for the work or craft in which the worker is employed for the Services by Consultant or any sub-consultant or subcontractor.

c. Bidding Eligibility. Pursuant to Labor Code Section 1771.1, no contractor or subcontractor (or consultant or subconsultant) may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations.

d. DIR Monitoring. Pursuant to Labor Code Section 1771.4, Consultant is hereby notified that this project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

e. Indemnification Related to Prevailing Wages. Section 5, Indemnification, specifically encompasses Claims arising from or related to (i) the noncompliance by Consultant or any party performing the Services of any applicable local, state, and/or federal law, including, without limitation, any applicable federal and/or state labor laws (including, without limitation, the requirement to pay state prevailing wages and hire apprentices); (ii) the implementation of Labor Code Sections 1726 and 1781, as the same may be amended from time to time, or any other similar law; and/or (iii) failure by Consultant or any party performing the Services to provide any required disclosure or identification as required by Labor Code Section 1781, as the same may be amended from time to time, and/or any other similar law.

7.4 Licenses and Permits, Fees and Assessments. Consultant represents, warrants, and covenants to City that Consultant and its employees, agents, and any subcontractors have all licenses, permits, qualifications, and approvals of whatsoever nature that are legally required to practice their respective professions, and perform the Services. Consultant represents, warrants, and covenants to City that Consultant and its employees, agents, and subcontractors shall, at their sole cost and expense, keep in effect at all times during the term of this Agreement any licenses, permits, and approvals that are legally required to practice their respective professions, and perform the Services. In addition to the foregoing, Consultant and any subcontractors shall obtain and maintain during the term of this Agreement valid business licenses from City. Consultant shall have the sole obligation to pay for any fees, assessments, and taxes, plus applicable penalties and interest, which may be imposed by law and arise from or are necessary for Consultant's performance of the Services, and shall indemnify, defend and hold harmless City, its officers, employees or agents of City, against any such fees, assessments, taxes, penalties or interest levied, assessed, or imposed against City hereunder.

7.5 Conflicts of Interest, Political Reform Act. Consultant represents, warrants, and covenants that Consultant presently has no interest, direct or indirect, which would interfere with or impair in any manner or degree the performance of Consultant's obligations and responsibilities under this Agreement. Consultant further agrees that while this Agreement is in effect, Consultant shall not acquire or otherwise obtain any interest, direct or indirect, that would interfere with or impair in any manner or degree the performance of Consultant's obligations and responsibilities under this Agreement. Consultant acknowledges that pursuant to the provisions of the Political Reform Act (Government Code Section 87100 *et seq.*), City may determine the Consultant to be a "consultant" as that term is defined by 2 California Code of Regulations Section 18700.3. In the event City makes such a determination, Consultant agrees to complete and file a "Statement of

Economic Interest” with the City Clerk to disclose such financial interests as required by City. In such event, Consultant further agrees to require any other person doing work under this Agreement to complete and file a “Statement of Economic Interest” to disclose such other person’s financial interests as required by City.

7.6 Annual Appropriation of Funding. In accord with Article 16 Section 18 of the California Constitution, payment of compensation under this Agreement is contingent upon annual appropriation of funds by City for that purpose. Consultant acknowledges and agrees that to the extent that the Services extend beyond one (1) fiscal year, payment for such Services is expressly conditioned on City’s annual appropriation of funds for such Services for each year. If no funds are appropriated then this Agreement shall be terminated. City pledges and agrees to process such appropriation requests annually and in good faith. Nothing in this Subsection shall be construed to limit the right of either Party to terminate this Agreement as provided herein.

SECTION 8. TERMINATION AND MODIFICATION.

8.1 Termination. City may cancel this Agreement at any time and without cause upon written notification to Consultant.

8.2 Termination by Consultant. Consultant may cancel this Agreement upon 30 days’ written notice to City.

8.3 Consequences of Termination. In the event of termination, Consultant shall be entitled to compensation for the Services performed up to the date of termination; City, however, may condition payment of such compensation upon Consultant delivering to City any or all documents, photographs, computer software, video and audio tapes, and other materials provided to Consultant or prepared by or for Consultant or City in connection with this Agreement.

8.4 Extension. City may, in its sole and exclusive discretion, extend the end date of this Agreement beyond that provided for in Subsection 1.1. Any such extension shall require a written amendment to this Agreement, as provided for herein. Consultant understands and agrees that, if City grants such an extension, City shall have no obligation to provide Consultant with compensation beyond the maximum amount provided for in this Agreement. Similarly, unless authorized by the Contract Administrator, City shall have no obligation to reimburse Consultant for any otherwise reimbursable expenses incurred during the extension period.

8.5 Amendments. The Parties may amend this Agreement only by a writing signed by all the Parties.

8.6 Assignment and Subcontracting. City and Consultant recognize and agree that this Agreement contemplates personal performance by Consultant and is based upon a determination of Consultant’s unique personal competence, experience, and specialized personal knowledge. Moreover, a substantial inducement to City for entering into this Agreement was and is the professional reputation and competence of Consultant. Consultant may not assign this Agreement or any interest therein without the prior written approval of the Contract Administrator. Consultant shall not subcontract any portion of the performance contemplated and provided for herein, other than to the subcontractors noted in Consultant’s proposal, without prior written approval of the

Contract Administrator. In the event that key personnel leave Consultant's employ, Consultant shall notify City immediately.

8.7 Survival. All obligations arising prior to the expiration or termination of this Agreement and all provisions of this Agreement allocating liability between City and Consultant shall survive the expiration or termination of this Agreement.

8.8 Options upon Breach by Consultant. If Consultant materially breaches any of the terms of this Agreement, City's remedies shall include, but not be limited to, any or all of the following:

- a. Immediately terminate this Agreement;
- b. Retain the plans, specifications, drawings, reports, design documents, and any other work product prepared by Consultant pursuant to this Agreement;
- c. Retain a different consultant to complete the Services described in Exhibit A; and/or
- d. Charge Consultant the difference between the cost to complete the Services described in Exhibit A that is unfinished at the time of breach and the amount that City would have paid Consultant pursuant to Section 2 if Consultant had completed the Services.

SECTION 9. KEEPING AND STATUS OF RECORDS.

9.1 Records Created as Part of Consultant's Performance. All reports, data, maps, models, charts, studies, surveys, photographs, memoranda, plans, studies, specifications, records, files, or any other documents or materials, in electronic or any other form that Consultant prepares or obtains pursuant to this Agreement and that relate to the matters covered hereunder shall be the property of City. Consultant hereby agrees to deliver those documents to City upon the expiration or termination of this Agreement. It is understood and agreed that the documents and other materials, including but not limited to those described above, prepared pursuant to this Agreement are prepared specifically for City and are not necessarily suitable for any future or other use. Any use of such documents for other projects by City shall be without liability to Consultant. City and Consultant agree that, until final approval by City, all data, plans, specifications, reports, and other documents are confidential and will not be released to third parties without prior written consent of both Parties unless required by law.

9.2 Licensing of Intellectual Property. This Agreement creates a non-exclusive and perpetual license for City to copy, use, modify, reuse, or sublicense any and all copyrights, designs, rights of reproduction, and other intellectual property embodied in plans, specifications, studies, drawings, estimates, test data, survey results, models, renderings, and other documents or works of authorship fixed in any tangible medium of expression, including but not limited to, physical drawings, digital renderings, or data stored digitally, magnetically, or in any other medium, which are prepared or caused to be prepared by Consultant under this Agreement ("Documents and Data"). Consultant shall require all subcontractors to agree in writing that City is granted a non-exclusive and perpetual license for any Documents and Data the subcontractor prepares under this Agreement. Consultant represents and warrants that Consultant has the legal right to license any

and all Documents and Data. Consultant makes no such representation and warranty in regard to Documents and Data which were prepared by design professionals other than Consultant or provided to Consultant by the City. City shall not be limited in any way in its use of the Documents and Data at any time, provided that any such use not within the purposes intended by this Agreement shall be at City's sole risk.

9.3 Consultant's Books and Records. Consultant shall maintain any and all ledgers, books of account, invoices, vouchers, canceled checks, and other records or documents evidencing or relating to charges for the Services or expenditures and disbursements charged to City under this Agreement for a minimum of three (3) years, or for any longer period required by law, from the date of final payment to Consultant under this Agreement. All such records shall be maintained in accordance with generally accepted accounting principles and shall be clearly identified and readily accessible.

9.4 Inspection and Audit of Records. Any records or documents that Subsection 9.3 of this Agreement requires Consultant to maintain shall be made available for inspection, audit, and/or copying at any time during regular business hours, upon oral or written request of City. Under California Government Code Section 8546.7, if the amount of public funds expended under this Agreement exceeds TEN THOUSAND DOLLARS (\$10,000.00), this Agreement shall be subject to the examination and audit of the State Auditor, at the request of City or as part of any audit of City, for a period of three (3) years after final payment under this Agreement.

SECTION 10. MISCELLANEOUS PROVISIONS.

10.1 Attorneys' Fees. If either Party to this Agreement brings any action, including an action for declaratory relief, to enforce or interpret the provision of this Agreement, the prevailing Party shall be entitled to reasonable attorneys' fees and expenses including costs, in addition to any other relief to which that Party may be entitled; provided, however, that the attorneys' fees awarded pursuant to this Subsection shall not exceed the hourly rate paid by City for legal services multiplied by the reasonable number of hours spent by the prevailing Party in the conduct of the litigation. The court may set such fees in the same action or in a separate action brought for that purpose.

10.2 Applicable Law, Venue. The laws of the State of California shall govern this Agreement. In the event that either Party brings any action against the other under this Agreement, the Parties agree that trial of such action shall be vested exclusively in Riverside County.

10.3 Severability. If any provision of this Agreement is held invalid, the remainder of this Agreement shall not be affected thereby and all other parts of this Agreement shall nevertheless be in full force and effect.

10.4 Section Headings and Subheadings. The section headings and subheadings contained in this Agreement are included for convenience only and shall not limit or otherwise affect the terms of this Agreement.

10.5 No Implied Waiver of Breach. Waiver by any Party to this Agreement of any term, condition, or covenant of this Agreement shall not constitute a waiver of any other term, condition, or covenant. Waiver by any Party of any breach of the provisions of this Agreement shall not

constitute a waiver of any other provision or a waiver of any subsequent breach or violation of any provision of this Agreement. Acceptance by City of any work or services by Consultant shall not constitute a waiver of any of the provisions of this Agreement. No delay or omission in the exercise of any right or remedy by a non-defaulting Party on any default shall impair such right or remedy or be construed as a waiver. Any waiver by either Party of any default must be in writing and shall not be a waiver of any other default concerning the same or any other provision of this Agreement.

10.6 Successors and Assigns. The provisions of this Agreement shall inure to the benefit of and shall apply to and bind the successors and assigns of the Parties.

10.7 Consultant Representative. All matters under this Agreement shall be handled for Consultant by **Peter J. Bucknam** ("Consultant's Representative"). The Consultant's Representative shall have full authority to represent and act on behalf of Consultant for all purposes under this Agreement. The Consultant's Representative shall supervise and direct the Services, using his best skill and attention, and shall be responsible for all means, methods, techniques, sequences, and procedures and for the satisfactory coordination of all portions of the Services under this Agreement.

10.8 City Contract Administration. This Agreement shall be administered by a City employee, **Rex Caballero, Assistant Engineer** ("Contract Administrator"). All correspondence shall be directed to or through the Contract Administrator or his designee. The Contract Administrator shall have the power to act on behalf of City for all purposes under this Agreement. Unless otherwise provided in this Agreement, Consultant shall not accept direction or orders from any person other than the Contract Administrator or his designee.

10.9 Notices. Any written notice to Consultant shall be sent to:

BUCKNAM INFRASTRUCTURE GROUP, INC.
Attn: Peter J. Bucknam
3548 Seagate Way, Suite 230
Oceanside, CA 92056

Any written notice to City shall be sent to the Contract Administrator at:

City of Menifee
29844 Haun Road
Menifee, CA 92586
Attn: Rex Caballero, Assistant Engineer

with a copy to:

City Clerk
City of Menifee
29844 Haun Road
Menifee, CA 92586

10.10 Professional Seal. Where applicable in the determination of the Contract Administrator, the first page of a technical report, first page of design specifications, and each page of construction drawings shall be stamped/sealed and signed by the licensed professional responsible for the report/design preparation. The stamp/seal shall be in a block entitled “Seal and Signature of Registered Professional with report/design responsibility,” as in the following example.

Seal and Signature of Registered Professional with report/design responsibility.

10.11 Rights and Remedies. Except with respect to rights and remedies expressly declared to be exclusive in this Agreement, the rights and remedies of the Parties are cumulative and the exercise by either Party of one or more of such rights or remedies shall not preclude the exercise by it, at the same or different times, of any other rights or remedies for the same default or any other default by the other Party.

10.12 Integration. This Agreement, including the scope of services attached hereto and incorporated herein as Exhibit A, represents the entire and integrated agreement between City and Consultant and supersedes all prior negotiations, representations, or agreements, either written or oral. The terms of this Agreement shall be construed in accordance with the meaning of the language used and shall not be construed for or against either Party by reason of the authorship of this Agreement or any other rule of construction which might otherwise apply.

10.13 Counterparts. This Agreement may be executed in multiple counterparts, each of which shall be an original and all of which together shall constitute one agreement.

10.14 Execution of Contract. The persons executing this Agreement on behalf of each of the Parties hereto represent and warrant that (i) such Party is duly organized and existing, (ii) they are duly authorized to execute and deliver this Agreement on behalf of said Party, (iii) by so executing this Agreement, such Party is formally bound to the provisions of this Agreement, and (iv) that entering into this Agreement does not violate any provision of any other agreement to which said Party is bound.

10.15 Nondiscrimination. Consultant covenants that, by and for itself, its heirs, executors, assigns, and all persons claiming under or through them, that in the performance of this Agreement there shall be no discrimination against or segregation of, any person or group of persons on account of any impermissible classification including, but not limited to, race, color, creed, religion, sex, marital status, sexual orientation, national origin, or ancestry.

10.16 No Third Party Beneficiaries. There are no intended third-party beneficiaries under this Agreement and no such other third parties shall have any rights or obligations hereunder.

10.17 Nonliability of City Officers and Employees. No officer, official, employee, agent, representative, or volunteer of City shall be personally liable to Consultant, or any successor in

interest, in the event of any default or breach by City or for any amount which may become due to Consultant or to its successor, or for breach of any obligation of the terms of this Agreement.

10.18 No Undue Influence. Consultant declares and warrants that no undue influence or pressure is used against or in concert with any officer or employee of City in connection with the award, terms or implementation of this Agreement, including any method of coercion, confidential financial arrangement, or financial inducement. No officer or employee of City shall receive compensation, directly or indirectly, from Consultant, or from any officer, employee, or agent of Consultant, in connection with the award of this Agreement or any work to be conducted as a result of this Agreement.

10.19 No Benefit to Arise to City Employees. No member, officer, or employee of City, or their designees or agents, and no public official who exercises authority over or has responsibilities with respect to this Agreement during his/her tenure or for one (1) year thereafter, shall have any interest, direct or indirect, in any agreement or sub-agreement, or the proceeds thereof, for the Services to be performed under this Agreement.

[Signatures on Following Page]

IN WITNESS WHEREOF, the Parties hereto have executed and entered into this Agreement as of the Effective Date.

CITY OF MENIFEE

CONSULTANT

Armando Villa, City Manager

Peter Bucknam, President

Attest:

Stephanie Roseen, Acting City Clerk

Peter Bucknam, Secretary

Approved as to Form:

Jeffrey T. Melching, City Attorney

[Note: 2 officer's signatures required if
Consultant is a corporation, unless provided
with a certificate of secretary in-lieu]

EXHIBIT A

SCOPE OF SERVICES

Services shall include **CIP 24-23 PAVEMENT MANAGEMENT PROGRAM (PMP) UPDATE (PROFESSIONAL ENGINEERING SERVICES)** services in the amount not to exceed **One Hundred Sixty Nine Thousand Four Hundred Three Dollars and Zero Cents (\$169,403.00)** as further detailed in the following page(s).

EXHIBIT A.

Proposed Project Approach & Work Plan



1) Project Approach

TASK 1.1: Project Kickoff

The first step in implementing a successful pavement management program truly resides in frequent communication and timely scheduled data updates. For the City of Menifee it will be essential to establish, up front, the Public Works departments pavement management priorities. Our team will set a Project Kickoff meeting with the key Public Works staff to discuss and review in detail the expectations of the project, technical approach, section ID / GIS management & surveys, district/zone maintenance, software upgrades & use, deliverables within the scope of work and the review of schedule.

This effort will build consensus between the Public Works/Maintenance staff as well as build stronger ARTERIAL CIP and LOCAL neighborhood maintenance programs that complement large Public Works CIP projects and annual maintenance projects.

The key topics to be discussed will include the review and assessment of the existing MicroPAVER pavement database; its current use, survey areas based on recent, current and scheduled maintenance/rehabilitation schedules, pavement segment data quality and condition, current pavement procedures, historical expenditure levels and desired service levels.

Deliverable: Meeting minutes, revised project schedule (if necessary)

TASK 1.2: Project Status Meetings - Quality Control Program

Status Meetings and Progress Reports

- Minimum of three meetings during the project (kickoff, field, and status meetings) – minimum of eight (8) hours; Field review meetings; Monthly progress status reports will be delivered to City project manager.

Quality Control (QC)

We will use a statistical sampling approach for measuring the quality of our field technician's MicroPAVER inspections. In this manner, 10 percent of the original annual surveys will be re-surveyed by an independent survey crew, supervised by a field supervisor, and the results will be compared to the original surveys (this will include 37.5 miles of arterial/local QC). Our QC process involves checking the field crews' work in a "blind study" fashion. Quality control checks will be performed at the end of each survey week. This will ensure that all field personnel are properly collecting distresses and pavement quantities for all street segments.

PCI variance reporting will be performed where previous PCI data will be compared to newly inspected 2024 PCI data; if PCI's vary more than ten (10) points per year Bucknam staff will assess the potential cause through unrecorded work history, accelerated pavement deterioration, etc. Bucknam will record/log any discrepancies between the previous and current PMP databases (any corrections/changes to the database shall not be made without prior City staff approval). **Since we are collecting distress information on our field MicroPAVER tablets with the Menifee PMP database live, our staff will perform several quality control tests within the pavement management software using a current sample set of the City of Menifee's distress data. City will provide acceptance of the quality control data prior to any finalization of the PCI Report.**

Proposed Project Approach & Work Plan



This will ensure that all system and analysis settings, MicroPAVER and City recommendations standards are being followed. Our surveys follow the accepted ASTM D6433 procedure requirements. A copy of the QA/QC plan utilized by our staff during the project will be submitted along with the PMP certification documents. Our staff attends the OCTA MicroPAVER/StreetSaver PMP Distress Training Classes held in each year, 2011 thru 2023. Bucknam is certified through FY 2025.

2) Client Satisfaction

TASK 2.1: Project Deliverables

Shown throughout our Scope of Work, each Task is summarized with project deliverables. Client satisfaction will derive from frequent communication with the Project Manager and key staff members from the Public Works department. Project success is created by delivering on three main factors;

- 1) Adherence to scope tasks and deliverables
- 2) Performing to the standard set by the Project Schedule; and
- 3) Controlling costs. Our Project Manager will follow each of these factors throughout the duration of the project

Deliverable: Project Status Updates, as stated in Task 1.2

3) Scope of Work (Major Tasks)

TASK 3.1: Update Maintenance and Rehabilitation History

The City will provide Bucknam a complete listing of all major work (overlay, slurry, etc.) in order to update specific section work histories and PCI ratings. Bucknam will review all maintenance and rehabilitation projects completed and/or scheduled by the City since the last update in July, 2021; this will include work history updates on arterials and locals.

Our staff will enter the necessary work history updates as mentioned above (i.e. data entry of maintenance / rehabilitation activities) into your MicroPAVER software. Once the project is completed, our staff will upload the necessary PMP database files at the City.

Deliverable: Updated PMP data, Work History report

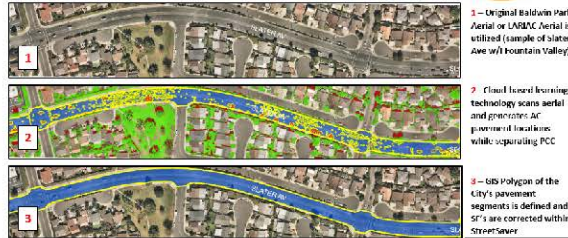
TASK 3.2: Pavement Condition Surveys

First and foremost, the assessment of the City's pavement segmentation is one of the key priorities for this project. With three (3) years between major inspections, it will be essential to verify that all Arterial, Collector and Local segmentation is up-to-date and that section true area SF quantities are verified, accurate and reliable. This will be completed by utilizing the Bucknam cloud-based learning technology (AI) to correctly quantify square footages for each pavement section (see sample below).

Proposed Project Approach & Work Plan



Bucknam's use of cloud-based learning technology is initiated by providing the AI with the City of Menifee's most recent aerial image; in doing so, all AC and PCC pavement true areas are calculated. These calculations are possible due to the cloud-based learning tech's inherent working knowledge of how to recognize edge-of-pavement, surface types, medians, bus pads and AC/PCC surface limits.



This ability will allow Bucknam to obtain the necessary quality control measurements for all Menifee PMP segments and to perform segment SF variance reports. This will in turn create a more accurate total centerline / square footage of the Menifee network as well as for each unique pavement segment.

We will review/assess new and/or missing streets previously excluded from the last PMP update and create the necessary segmentation within the Menifee PMP database + GIS links (this AI effort can be utilized as an optional service as well (see proposed fee).

Once the pavement segmentation has been assessed and verified, the necessary 375 miles of Arterial, Collector, and Local inspections will be performed. It is the City's desire to survey all pavement sections this fiscal year.

Our survey methodology will include the following approach based on the approved MTC / OCTA ASTM D6433 guidelines:

1. **PMP Surveys** - All sections are surveyed through walking methodologies. AC/PCC distress types will be collected based upon actual surface conditions and physical characteristics of the segment.

Surveying methods will be conducted by remaining consistent with ASTM D6433 & the Army Corp of Engineers AC/PCC sampling guidelines while being flexible to current City requirements.

All sample locations are observed through walking surveys; **samples areas will cover a minimum of 20% of the total section area** and will be 2,500 SF +/- 1,000 SF in size. According to the City's RFP the following pavement sections are to be surveyed for the upcoming 2024 PMP update:

- The inspection of approximately 375 centerline miles of Arterial / Collector and Local segments will be performed;
- Recent overlay rehabilitation applications will reduce total mileage of survey – TBD;
- Our use of **MicroPAVER-Tablet units** allows our staff to collect pavement data with the **City of Menifee's MicroPAVER database live in the field**. This data is then readily available in our office for quality control and management due to the cloud-based access.

Roadway Verification Survey - A listing of the field attribute data that is updated/verified during the survey for the pavement management database is listed below:

Proposed Project Approach & Work Plan



2. Field Attribute Data (updated and/or verified)

- Street Name, from/to, indicating the assigned limits of the section, section rank
- Street ranking indicating arterial, collector, local, # of lanes, surface type
- Historical PCI tracking from previous inspections and 2024 PCI inspections
- Segment quantities, indicating the length, width and area of the section

3. Conditional data will be evaluated for all street segments and will include:

- MicroPAVER / ASTM 20 AC & 19 PCC distresses by type, severity and area extent
- Sampling/conditional data typically collected within edge-of-pavement to edge-of pavement limits
- PCI ratings (0-100), taking into account the surface condition, level of distress

4. Section Distress and PCI Reporting

Upon 60% and 100% completion of the required condition surveys, we will prepare draft PCI Reports and PCI GIS maps that document the conditions of all pavement segments. This report will provide the necessary data for Bucknam and the City to use and determine projected street rehabilitation and maintenance project recommendations. Included in the report will be updated pavement performance curves, predicted PCI's and maintenance decision models. The City and our staff will review the PCI reports to ensure that all inventory data is correct and the project is running smoothly.

Our PCI Reporting will include:

- PCI Report – Sorted by Name (A to Z), PCI Order (0-100), District/Zone (1, 2, 3, etc.);
- Work history report; and
- GIS Maps presenting PCI findings by section.

Once the City has reviewed, assessed and commented on the draft report, we will address all comments made and deliver the final conditional reports.

Deliverable: Citywide PCI Reports (60% and 100% status PCI reports), PCI Variance report

DEVELOP RECOMMENDED IMPROVEMENT PROGRAM

TASK 3.3: Maintenance and Rehabilitation Assessment / Priorities

We will assist the City in developing the most cost-effective preventative maintenance and rehabilitation strategies necessary to achieve the desired level of serviceability. This will be accomplished by meeting with the City to discuss and strategize maintenance activities that are currently being used by the City. Based on the City's current AC & PCC applications and other maintenance practices used we will conduct an historical and prospective analysis on the conditional and financial impact these practices have on the pavement network.

We will establish the Menifee MicroPAVER maintenance "decision tree" that will be used to generate pavement recommendations that match current fiscal year maintenance approaches/City practices. This will be accomplished by assessing/updating the unique and individual PCI ranges and deterioration curves within PMP software based on functional class (i.e. arterial, collector, local) and age. Our staff will review the Menifee deterioration curves that have

Proposed Project Approach & Work Plan



been developed based on historical pavement condition, inspection, surface type, and road class. All current market material and labor/unit costs will be integrated into the PMP recommendations and will be derived from the most recent construction bids for pavement rehabilitation.

We will account for annual inflation rates when long-term revenue projections are made. Our Project Manager and Principal will work closely with the City in defining repair and rehabilitation strategies for each fiscal year as well as establish PMP zones for the street network. Once the repair/rehabilitation strategies have been defined, the identification of a seven year Forecast Maintenance/Rehabilitation schedule will be generated.

The recommended budget scenarios will be identified on the basis of several criteria:

- Assessment and review of the City's Pavement CIP budget(s)
- Present pavement conditions; Desired levels of service and available resources
- Projected / Forecasted PCI's per section
- Cost benefit of individual strategies (minimum of five (5) scenarios; i.e. budget needs assessment, existing budget, maintain PCI, increase PCI by five points and Reach PCI of 70 seven-year models)
- Budgetary recommendations that satisfy City and County guidelines
- Local fiscal year reporting/improvement scheduling
- Future routine maintenance needs based on projected deterioration rates
- Pavement improvement scheduling with the City's major CIP projects (water, sewer, etc.); when necessary

The primary emphasis of this task is to maximize the scheduling of street maintenance using the most cost-effective strategies available and taking into account a life-cycle cost analysis.

TASK 3.4: Final Citywide CIP / Pavement Rehabilitation Program

We will deliver the Final Report to the City which will be essential for staff reference / use as well as presented in a way that is beneficial for elected officials/upper management. The report will be prepared in a format that uses the information delivered by MicroPAVER in conjunction with the information and analysis performed by our team. The report will provide the City with information on:

- Current inventory and pavement conditions indices (PCI) for all road classes
- Projected annual priority programs for street maintenance/rehabilitation for a 7-yr period (Arterial and Local Forecast Maintenance Reports) that show the largest return on investment and acceptable levels of service;
- Recommended multi-year Slurry Seal Program focusing on efficiently prolonging the life of the Menifee PMP road network;
- Modeling and comparison of at least seven (7) budget scenarios that typically include:
 - Current FY 2024-2031 budget models;
 - Maintain PCI and/or Increase PCI budget models;
 - Future revenues needed based on historical data (trends);

Proposed Project Approach & Work Plan



- Strategies and recommendations for the City's maintenance programs and procedures, including a preventative maintenance schedules;
- Publication of multiple budget scenarios within GIS Toolbox & MyRoads® (Bucknam web-portal/dashboard);
- A detailed breakdown of deferred maintenance (backlog); and
- Quality Management Plan document.

Our recommendations will provide guidance to the City on how to implement stronger preventative maintenance / rehabilitation strategies and/or increase funding through PMP data examples. **Bucknam will conduct a PMP presentation to City staff at community meetings and City Council meetings (pro bono).**

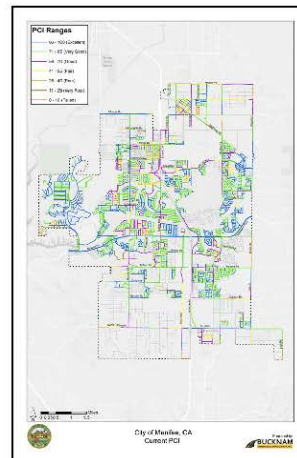
Deliverable: Upon final approval, two (2) bound copies of the Final Pavement PMP Report, in binder and a digital format (.pdf), will be sent to the City.

TASK 3.5: PMP – GIS Mapping

As an enhancement and proactive approach to this project, our staff will update the existing Pavement-GIS link between the pavement database and the dedicated PMP-GIS layer; utilized by Bucknam to create drive maps, generate client GIS map deliverables and publication within MyRoads® and the City's GIS Enterprise. The maps described below will be incorporated into the City's Final PMP reports and deliverables:

The maps described below will be incorporated into the City's Final PMP report:

- PCI values for every section
- Work History identifications
- 7-yr Arterial / Local Rehabilitation and Slurry Seal Programs
- Functional classification maps



Once the City has approved the Pavement Condition Report, we will update the necessary MicroPAVER-GIS linkages. By using the unique ID's within the PMP and the City's ESRI street shapefile ID's, we will update the one-to-one match for each pavement section in the GIS. Our staff will coordinate all project deliveries with the Public Works and the GIS division to ensure that the most current and accurate PMP-GIS maps are represented within MicroPAVER and the City's GIS enterprise.

Deliverable: Complete GIS files/themes based on list above (shapefiles).

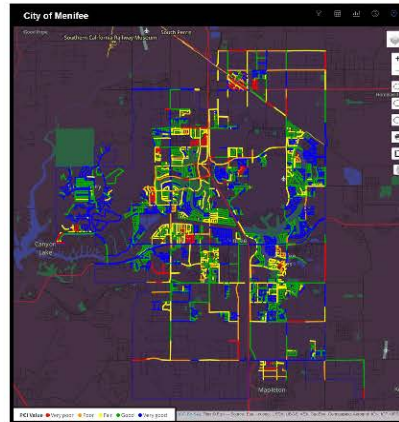
Proposed Project Approach & Work Plan



TASK 3.6: Menifee MyRoads® PMP Web-Portal

Menifee MyRoads® PMP Web-Portal – Bucknam’s MyRoads® PMP web-portal is a great match for the Menifee PMP today and the future. **Our application brings your PMP data to life within a dynamic dashboard!**

Bucknam now provides all our PMP clients with a unique and agency driven “MyRoads®” web-portal that provides instantaneous access to your pavement management database. This “dashboard” allows users to toggle through individual sections via GIS Lasso map selections, zone queries, rank selection and PCI ranges to review all section metrics, latest/previous inspections, work histories and filtered PCI reports. To cap it off, your selections/queries also generate preliminary engineering costs estimations for slurry, overlay and reconstruction projects and provides you with the predictive PCI as if the work is complete.



Bucknam has shown the Menifee MyRoads® account actively working!

This tool will be accessed by City staff simply through a Username/Password methodology. As changes are made to the Menifee PMP database the MyRoads® dataset is changed to reflect work history edits, PCI inspections and section changes.

In summary, MyRoads® allows the user perform the following dynamic functions:

- Query specific pavement segment(s) to view current/historic PCI, work history inspection;
- Filter for pavement sections within a defined zone, PCI range and/or functional class;
- Select a pavement section or grouping of section through the on-board GIS tool;
- Enter slurry, overlay & reconstruction unit costs to determine preliminary cost of maintenance and resulting citywide PCI
 - Display critical street / sidewalks / signs / ROW assets along pavement section(s) that are critical to engineering bid development and solicitation (ADA ramps, utilities, manholes, trees, etc.)
- Displays all final GIS project maps (PCI, work history, 7-yr forecasted maintenance, etc.)
- Bucknam will train Menifee staff on the simple use of the MyRoads® dashboard.

TASK 3.7: PMP Training / Technical Support

With PMP software use being one of the key components to a successful PMP update, we will provide City staff with quality training and the necessary skills needed to maintain the PMP.

Proposed Project Approach & Work Plan



Our staff will conduct comprehensive training sessions covering PMP implementation, PMP methodologies, field survey practices, PCI calculations, MicroPAVER use, editing/updating the database, MyRoads®, budget needs analysis, and how to publish PMP data to GIS.

Training typically involves one (1) day of training on the MicroPAVER software and GIS linkages. There is no minimum or maximum amount of people that can be trained under this methodology.

Technical support will include the provision of PMP support for two years upon completion of the project (annually). Bucknam will provide quality and accurate use of the in-house operation of MicroPAVER software. Once the City has approved the Pavement Condition Index Report under this year's work effort, this service will become active. Our typical support services include:

- Additional budget scenarios, general reporting, deterioration studies
- Additional visual inspections above the mileage amount indicated in Task 4.2
- Additional pavement management – GIS mapping
- Additional MicroPAVER training, operational use
- GIS Enterprise assessment, management, implementation, support

The agreement will include the provision of onsite and telephone support for the City staff.

Deliverable: PMP software training, field and internal technical support

TASK 3.8: Presentation to the City Council

On a pro-bono effort, Bucknam will prepare and present the PMP to the City Council and/or upper management. This effort will include the development and finalization of a PowerPoint presentation (approved by City staff); the report will reflect all data collected and reported on during the project.

Deliverable: Delivery of PowerPoint presentation, assistance with presentation to City Council

Optional Services

TASK 3.9: Automated Survey Methodology (Optional)

If utilized, RAS will use the **Roadway Asset Collection vehicles (RAC)** to complete the 375 miles of pavement inspection and inventory of municipal maintained assets and infrastructure. The RAC vehicle is equipped with cutting edge technology: second-generation Pavemetrics Laser Crack Measurement System (LCMS-2), Point Gray Ladybug 5+ 30MP 360 camera, and a certified inertial profiler. In addition, high resolution digital images are collected at an interval of 20 feet or less. The RAC vehicle collects the following pavement condition data items: roughness; rutting; distress density in each zone; total crack length in each zone; alligator cracking;



Proposed Project Approach & Work Plan

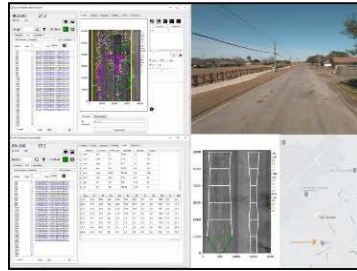


longitudinal cracking; transverse cracking; potholes and patching; and other critical distresses which are needed to provide a modified ASTM D6433 compliant survey. Transverse profiles will be collected using the LCMS-2 system following AASHTO R 88-18, and rut depths shall be calculated in accordance with AASHTO R 87-18. Additionally, the international roughness index (IRI) and longitudinal profiles will be collected using an inertial profiling system in accordance with all applicable AASHTO Standards. Our survey methodology is based on the ASTM D6433 guidelines.

Automated Survey: All sections are surveyed through continuous automated methodologies. AC/PCC distress types will be collected based upon actual surface conditions and physical characteristics of the segment consistent with ASTM D6433 AC/PCC network-level sampling guidelines, while being flexible to current City requirements. Bucknam will ensure that all 375 centerline miles are surveyed in accordance with the 2024 PMP update.

ROADTRIP™ SOFTWARE - TECHNICAL RATING INTELLIGENCE PROGRAM

After data is collected in the field and uploaded to the office environment, it is imported using the RAS AI enhanced pavement rating tool **Road TRIP™ (Technical Rating Intelligence Program)**. Road TRIP was designed to merge advanced laser-based sensor condition data, quantify individual distress densities, and calculate ASTM D6433 segment level conditions within the software. At this stage, the major data processing tasks also occur, such as generation of right-of-way and pavement image streams; calculation of profile, roughness, rutting, detection of cracks, lane-markings, man-made objects, and other distresses. The automated crack analysis detects cracks which are overlaid on the pavement images and offset to assist with the verification of the detected cracks. While the **Road TRIP™** software links the sensor data to each section and classifies and measures the distress types, the software also calculates a PCI score following the ASTM D6433 methodology. The individual distress extent and severity data is quantified using ASTM deducts to calculate a 0 to 100 PCI.



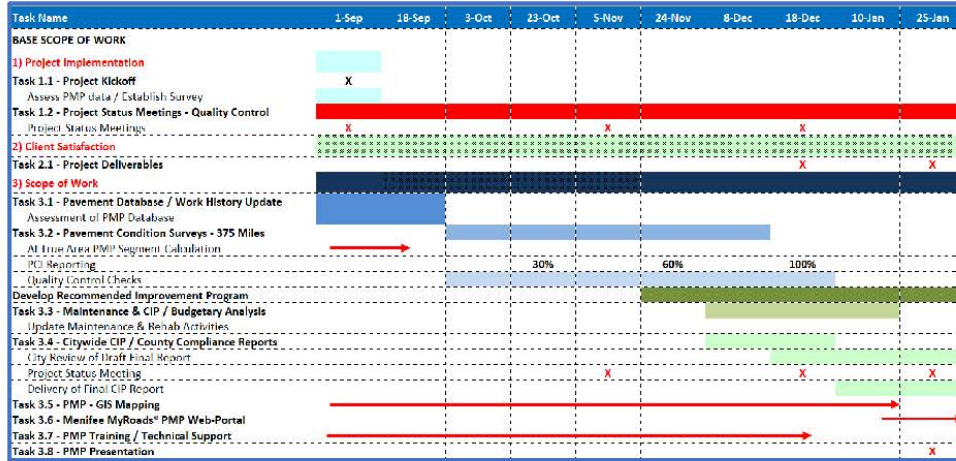
Deliverable: Citywide PCI Reports (50%, 90% and 100% status PCI reports), PCI Variance report

Project Timeline & Overall Project Implementation Schedule



Project Schedule

Our project schedule shows each major task identified in our scope of work, as well as quality control milestones and meetings.



With a completed survey, our team will work with you to establish a PMP that provides specific, manageable pavement segments, detailed maintenance schedules of needed repairs and cost-conscious rehabilitation recommendations. This will assist your staff in preparing budget estimates required to complete the scheduled work for fiscal year 2025-26 and beyond.

Cost Proposal & Acceptance of Proposed Professional Services Agreement



Cost Proposal

Task Items 1 through 3 can be accomplished on a **time and materials, not-to-exceed** basis in accordance with the standard hourly rate schedule attached. Our anticipated fee including labor and reimbursable expenses is projected to be \$88,103 for the duration of the contract. We have included our fee schedule below for the City's consideration. Our Cost Proposal shall remain valid for a period of at least ninety (90) days.

	Description	Principal	Project Manager	GIS Manager	Senior Technician	Field Technician(s)	Admin	Total by Task
	2024/2025 Base Fee	\$295/hr	\$215/hr	\$165/hr	\$155/hr	\$108/hr	\$100/hr	
Task 1	Project Implementation							
Task 1.1	Project Kickoff		1					\$215
Task 1.2	Project Status Meetings - Quality Control		2		4	56		\$7,096
Task 2	Client Satisfaction							
Task 2.1	Project Deliverables		3	1	2		1	\$1,220
Task 3	Scope of Work							
Task 3.1	Update Maintenance and Rehabilitation History		3		1	20		\$2,964
Task 3.2a	Pavement Condition Surveys (approx. 375 miles)		4		8	545		\$60,960
Task 3.3	Maintenance and Rehabilitation Assessment - Priorities		7					\$410
Task 3.4	Final Citywide CIP / Pavement Rehabilitation Program	1	40	2			1	\$9,325
Task 3.5	PMP - GIS Mapping		1	0	2			\$1,512
Task 3.6	Menifee MyRoads® PMP Web-Portal		1	1				\$380
Task 3.7	PMP Training / Technical Support							Pro-Bono
Task 3.8	PMP Presentation							Pro-Bono
	Reimbursables (mileage, printing, materials)							\$4,000
	All deliverables will become property of the City of Menifee							
	All Tasks are negotiable							
	Total Hours per Staff	1	57	10	17	621	2	
	Total Base Fee (Labor Hours Costs + Reimbursables)	\$ 295	\$ 12,255	\$ 1,650	\$ 2,635	\$ 67,068	\$ 200	\$88,103
	Optional Services							
Task 3.2a	All True Area PMP Segment Calculation (approx. 375 miles)							\$12,000
Task 3.9	Automated Survey Methodology (IAS)							
	Digital Roadway Imaging Set up, Mobilization and Network Drive (IAS) - 100 miles							\$30,200
	Pavement Evaluation - ASIM D6433 automated processing - 100 miles							\$9,200
	- Roadway Signs Inventory							\$12,650
	- Retroreflective Surveys (Warning and Regulatory Signs)*							\$17,250
	Total Optional Fee							\$81,300
	Total Base & Optional Fees (Bucknam + RAS Task 3.9 fees)							\$169,403
	Additional services outside of this contract will be negotiated with the City where we will use the Standard Hourly Rate Schedule shown here.							
	*Notes / Assumptions:							
Task 3.2	All Tasks - Bucknam and Inspectors are qualified through ASIM D6433 / OCIA until FY 2026							
Task 3.5	Bucknam will work with the City's IT/GIS staff to ensure all GIS data is published within the City's GIS Enterprise							
Task 3.9	Inventories collected will be based on 100 mile pilot study locations							
Task 3.9*	Requires completion of Task 3.9 Sign Inventory							
All Tasks	It is Bucknam's understanding that annual MicroPAVER fees will be paid by the City outside this contract							

Should the City desire to increase the service level above the hours outlined above for the Task items 1 through 3 or require other services not described herein, a fee adjustment would be negotiated and mutually agreed upon by both parties.

Cost Proposal & Acceptance of Proposed Professional Services Agreement



Standard Hourly Rate Schedule

<u>Category</u>	<u>Rate</u>
Principal	\$ 295
Senior Project Manager	215
Pavement Management Project Manager	215
Management Analyst	180
Project Engineer / Planner	170
Sr. Engineer / GIS Manager / Sr. Inspector	165
Assistant Engineer / Sr. Technician / GIS Analyst	155
CADD Operator	120
Field Technician	108
Administrative Assistant	100
Clerical / Word Processing	95

Reimbursables

Mileage	\$0.77/mile
Subconsultant Services	Cost + 15%
Reproduction	Cost + 15%
Travel & Subsistence	Cost + 15%
Fees & Permits	Cost + 15%
Computer Services (External)	Cost + 15%

Rates Effective 1/1/24



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Project Management System



Project Management System

Status Meetings and Progress Reports

Minimum of three meetings during the project (kickoff, committee, City Council and status meetings) – minimum of eight (8) hours; Field review meetings; Monthly progress status reports will be delivered to City project manager.

Quality Control (QC)

Bucknam will use a statistical sampling approach for measuring the quality of our field technician's work. In this manner, 10 percent of the original annual surveys will be re-surveyed by an independent survey crew, supervised by a field supervisor, and the results will be compared to the original surveys (this will include 37.5 miles QC). Our QC process involves checking the field crews' work in a "blind study" fashion. This will ensure that all field personnel are properly collecting distresses and pavement quantities for all street segments.

PCI variance reporting will be performed where previous PCI data will be compared to newly inspected 2024 PCI data; if PCI's vary more than ten (10) points per year Bucknam staff will assess the potential cause through unrecorded work history, accelerated pavement deterioration, etc. Bucknam will record/log any discrepancies between the previous and current PMP databases (any corrections/changes to the database shall not be made without prior City staff approval).

Since we are collecting distress information on our field tablets with the Menifee PMP database live, our staff will perform several quality control tests within MicroPAVER using a sample set of the City of Menifee's street distress data. This will ensure that all system and analysis settings as well as City recommendations and standards are being followed.

Required Forms



Required Forms

Bucknam has completed the listed required forms and can be found on the following pages.

- **Cost Proposal & Acceptance of Proposed Contract/Agreement**
- **Insurance Requirements Acknowledgement/Certification**
- **Certification of Non-Collusion**
- **Previous Contract Performance & Litigation Statement**
- **Acknowledgement of Emissions and Climate Pollutant Reduction Senate Bill 1383**