

CITY OF VICTORVILLE



BID PACKAGE

FOR

SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT

**PROJECT 60085-60118-74428
CC22-031**

BID OPENING DATE AND TIME:

September 28, 2021

AT

2:30 P.M. PST

NOTICE INVITING BIDS

- I. **PROJECT TITLE:** SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, Project CC22-031
- II. **PROJECT SUMMARY:** This Notice Inviting Bids seeks submittals of bid proposals for the reconstruction & widening of Seventh Ave and Arrowhead Dr from Bear Valley Rd to Green Tree Blvd. The scope of Work further includes the associated SWPPP, temporary traffic control, milling, earthwork, subgrade preparation, asphalt paving, concrete improvements, storm drains, signing & striping.
- III. **SEALED BIDS:** Sealed bids shall be received by the Finance Department, Victorville City Hall, 14343 Civic Drive, Victorville, Ca 92392, until **2:30 p.m. PST on TUESDAY, SEPTEMBER 28TH, 2021**. Sealed bids will be opened by the City Clerk during a virtual meeting which will be livestreamed via Webex following the receipt of the sealed bids. You may join the meeting remotely by clicking on **<https://victorvilleca.webex.com/meet/generic> Reference Meeting ID # 809 785 515**. Bids received after this time will be returned unopened. Emailed or faxed bids are **not** accepted. For more information, contact Celeste Calderon at (760) 955-5082 or cmcalderon@victorvilleca.gov.
- IV. **NON-MANDATORY PRE-BID MEETING:** All prospective bidders are invited and strongly encouraged to attend the non-mandatory pre-bid online meeting on **TUESDAY, SEPTEMBER 7TH, 2021, at 10:00 a.m. PST**. The virtual meeting will be Livestreamed via Webex. Questions may be submitted to cmcalderon@victorvilleca.gov prior to the meeting or addressed during the Webex conference meeting. You may join the meeting remotely by clicking on **<https://victorvilleca.webex.com/meet/generic> Reference Meeting ID # 809 785 515**. Prospective bidders may visit the site without making arrangements through the City of Victorville. Prospective bidders are encouraged to address questions, problems, and other issues regarding this project. In no event shall failure to inspect the site constitute grounds for a claim after contract award. All applicable addenda will be posted on ebidboard and the City of Victorville website.
- V. **BID PROPOSAL GUARANTY:** Each Bid Proposal shall be accompanied by a bid proposal guaranty in the form of cash, cashier's or certified check, or bidder's bond made payable to the "City of Victorville" for an amount equal to at least ten percent (10%) of the bid amount. Said proposal guaranty shall be enclosed in the same envelope with the Bid Proposal. No bid shall be considered unless such bid proposal guaranty is enclosed therewith.
- VI. **CONTRACT DOCUMENTS:** All bid related documents are available at the City of Victorville's website at <https://www.victorvilleca.gov/government/city-departments/administrative-services/finance/purchasing/bids> as well as at www.ebidboard.com.
- VII. **PREVAILING WAGE:** The work contemplated by this project is a public work subject to prevailing wages under California Labor Code section 1770 *et. seq.* The successful bidder will be required to pay not less than the prevailing rate of per diem wages as determined by the California Department of Industrial Relations (DIR) in effect on the date the work is performed.
- VIII. **DIR REGISTRATION:** All contractors and subcontractors that wish to bid on, be listed in a bid proposal, or enter into a contract to perform public work must be registered with the DIR. (Labor Code §§ 1725.5 and 1771.1) No bid will be accepted, nor any contract entered into without proof of the contractor's and subcontractors' current registration with the DIR to perform public work. If awarded a contract, the Bidder and its subcontractors, of any tier, shall maintain active registration with the DIR for the duration of the project. The City will review the DIR maintained list at <http://www.dir.ca.gov/Public-Works/PublicWorks.html> for contractor registration. The City will notify DIR within five days of the award of contract electronically on a form provided by DIR.
- IX. **CONTRACTOR'S LICENSE:** Bidders are to be licensed in accordance with the provisions of the "Contractor's License Law," Chapter 9 of Division 3 of the California Business and Professions Code. In addition, at the time of submitting the bid, the contractor must possess a valid Class A California Contractor's License.

Date: _____

Signed, Jennifer Thompson, City Clerk

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Instructions to Bidders

**SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT
PROJECT 60085-60118-74428**

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INSTRUCTIONS TO BIDDERS**

I. PROJECT SUMMARY: The City seeks submittals of bid proposals for the reconstruction and widening of Seventh Ave & Arrowhead Dr from Bear Valley Rd to Green Tree Blvd. The scope of Work further includes the associated temporary traffic control, asphalt milling, concrete demolition, earthwork, subgrade preparation, placement of base, asphalt road paving, slurry seal, PCC gutter/spandrel, PCC catch basins, PCC sidewalk, PCC curb & gutter, PCC ramp, signing, striping, SWPPP, & BMPs.

II. SUBMISSION DOCUMENTS: All portions of the proposal forms contained in the Submission Certification checklist contained in Section D of this bid package must be completed before the bid is submitted. Failure to do so may result in the bid being rejected as non-responsive.

III. SEALED BIDS: Sealed bids shall be received by the Finance Department, Victorville City Hall, 14343 Civic Drive, Victorville, CA 92392, until **2:30 p.m. PST on TUESDAY, SEPTEMBER 28TH, 2021**. Sealed bids will be opened by the City Clerk during a virtual meeting which will be Livestreamed via Webex following the receipt of the sealed bids. You may join the meeting remotely by clicking on **<https://victorvilleca.webex.com/meet/generic> Reference Meeting ID # 809 785 515**. Bids received after this time will be returned unopened. Emailed or faxed bids are **not** accepted. For more information, contact Celeste Calderon at (760) 955-5082 or cmcalderon@victorvilleca.gov.

IV. NON-MANDATORY PRE-BID MEETING: All prospective bidders are invited and **strongly encouraged** to attend the non-mandatory pre-bid online meeting on **TUESDAY, SEPTEMBER 7TH, 2021** at **10:00 a.m. PST**. The virtual meeting will be Livestreamed via Webex. Questions may be submitted to cmcalderon@victorvilleca.gov prior to the meeting or addressed during the Webex conference meeting. You may join the meeting remotely by clicking on **<https://victorvilleca.webex.com/meet/generic> Reference Meeting ID # 809 785 515**. Prospective bidders may visit the site without making arrangements through the City of Victorville. Prospective bidders are encouraged to address questions, problems, and other issues regarding this project. In no event shall failure to inspect the site constitute grounds for a claim after contract award. All applicable addenda will be posted on ebidboard and the City of Victorville website.

V. PROJECT QUESTIONS: Any prospective bidder desiring an explanation or interpretation of the solicitation, plans, specifications, etc., must request it in writing to the Purchasing Section **by no later than 12:00 p.m. PST on WEDNESDAY, SEPTEMBER 23RD, 2021** in order to allow a reply to reach all prospective bidders before the submission of their bids. Oral explanations or instructions given before the award of a Contract will not be binding. Any information given a prospective bidder concerning this solicitation will be furnished promptly to all prospective bidders as an addendum to the solicitation, if that information is necessary in submitting bids or if the lack of it would be prejudicial to other prospective bidders.

VI. ENGINEER'S ESTIMATE: The Engineer's Estimate is \$6,950,000.00 - \$7,150,000.00

VII. EXECUTION OF CONTRACT: The Construction Agreement shall be signed by the successful bidder and returned, together with contract bonds, proof of certain insurance coverage and a copy of City of Victorville Business License within 10 days, not including, Saturday, Sunday, and legal holidays, after the bidder has received the Contract for execution.

VIII. BEGINNING OF WORK AND TIME OF COMPLETION: The work under this Contract shall be diligently prosecuted to completion before expiration of **ONE HUNDRED TWENTY (120) WORKING DAYS** beginning within fifteen calendar days after the "Notice to Proceed" date.

IX. LIQUIDATED DAMAGES: The Contractor shall pay the City of Victorville the sum of **FIVE THOUSAND AND 00/100 DOLLARS (\$5,000.00) per calendar day** for each and every calendar day

delay in finishing the work in excess of **ONE HUNDRED TWENTY (120) WORKING DAYS** as specified above as Liquidated Damages. The City withholds liquidated damages before the accrual date if the anticipated liquidated damages may exceed the value of the remaining work.

X. PROPOSAL GUARANTY: Each bid must be accompanied by cash, a cashier's check, a certified check, or a corporate surety bond on the form furnished by the City of Victorville, as a guarantee that the bidder will, if an award is made in accordance with the terms of this bid, promptly secure Workers' Compensation Insurance, Liability Insurance, execute and provide two (2) signed Contracts on the required form, and furnish satisfactory bonds for the faithful performance of the contract, and for the payment of claims of material suppliers and laborers hereunder.

XI. FAILURE TO EXECUTE CONTRACT: Failure of the lowest responsive and responsible bidder, the second lowest responsive and responsible bidder, or the third lowest responsive and responsible bidder to execute the Contract and file acceptable bonds as provided herein within 10 days, not including Saturday, Sunday, or legal holidays, after the bidder has received the Contract for execution, shall be just cause for the forfeiture of the proposal guaranty. The successful bidder may file with the City a written notice, signed by the bidder or the bidder's authorized representative, specifying that the bidder will refuse to execute the Contract if it is presented. The filing of this notice shall have the same force and effect as the failure of the bidder to execute the Contract and furnish acceptable bonds within the time hereinbefore prescribed.

XII. RETURN OF PROPOSAL GUARANTIES: The proposal guaranties accompanying the proposals of the first, second and third lowest responsive and responsible bidders will be retained until the Contract has been finally executed, after which those proposal guaranties, except bidder's bonds and any guaranties which have been forfeited, will be returned to the respective bidders whose proposals they accompanied. The proposal guaranties submitted by all other unsuccessful bidders will be returned upon determination, by the City, of the first, second and third lowest responsive and responsible bidders.

XIII. BID PROPOSAL AND CONSTRUCTION AGREEMENT DOCUMENTS: The Bid Proposal Documents and Construction Agreement Documents shall consist of the Notice Inviting Bids, Instructions to Bidders, General Requirements, Special Provisions, Proposal Instructions, Proposal, Questionnaire, Bidder's Bond with cash, certified check, cashier's check or bond, Bid Proposal, List of Subcontractors, Non-Collusion Declaration, Exception Form, Construction Agreement, Payment Bond, Faithful Performance Bond, and Guaranty, together with all additions, deletions, modifications, appendices, and all addenda, as prepared prior to the date of the bid opening, setting forth any modifications or interpretations of said documents, are hereby incorporated in and made a part of these Special Provisions, Proposal, and Construction Agreement.

XIV. PROHIBITED INTEREST: No member, officer, or employee of the City of Victorville engaged in the selection, award, or administration of this Contract shall have any prohibited conflict of interest, whether real or apparent, in this Contract or the proceeds thereof.

Furthermore, the parties hereto covenant and agree that to their knowledge no member, officer, or employee of the City has any interest, whether contractual, non-contractual, financial, or otherwise, in this transaction or in the business of the contracting party other than the City, and if any such interest comes to the knowledge of either party at any time, a full and complete disclosure of such information will be made, in writing, to the other party or parties; even if such interest would not be considered conflict of interest under Article 4 (commencing with Section 1090) or Article 1 (commencing with Section 87100) of Chapter 7 of Title 9 of the Government Code of the State of California.

XV. AFFIRMATIVE ACTION: The City hereby notifies all bidders that it will affirmatively ensure that, in any Contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, sex, or national origin in consideration of award.

XVI. CONTRACT DOCUMENTS: The Plans, Special Provisions, all bid related documents and all addenda will be available at the City of Victorville's website at <https://www.victorvilleca.gov/government/city-departments/administrative-services/finance/purchasing/bids>. The Plans, Special Provisions and addenda will also be posted at www.ebidboard.com.

XVII. WITHDRAWAL OF PROPOSALS: Any bid may be withdrawn at any time prior to date and time indicated in Section I, "Sealed Bids" only by written request for the withdrawal of the bid received by the City's Administrative Services Department. The request shall be executed by the bidder or bidder's duly authorized representative.

XVIII. RELIEF OF BIDDERS: Attention is directed to the provisions of Public Contract Code Sections 5100 to 5107, inclusive, concerning relief of bidders. If the bidder claims a mistake was made in the bid presented, the bidder shall give the City written notice within 5 calendar days after the opening of the bids, not including Saturday, Sunday or legal holidays, of the alleged mistake, specifying in the notice in detail how the mistake occurred.

XIX. BOND REQUIREMENTS: Prior to execution of the Contract, the successful bidder shall provide a **one hundred percent (100%) Faithful Performance Bond** and a **one-hundred percent (100%) Payment Bond** based on the bid amount accepted by the City.

XX. SENATE BILL 854 REQUIREMENTS: Senate Bill 854 established a new public works contractor registration program which collects fees to fund compliance monitoring and enforcement. All contractors and subcontractors intending to bid or perform work on public works projects will be required to register, and annually renew, online for the program. No contractor or subcontractor may be awarded a contract for public work on a public works project unless registered with the DIR pursuant to Labor Code section 1725.5.

Starting **July 1, 2017**, the new annual registration fees for public works contractors have increased to \$400.00, and contractors on small projects are exempt from public works registration and electronic certified payroll reporting requirements.

Small Project Exemption:

Contractors who work exclusively on small public work projects are not required to register as a public works or file electronic certified payroll reports for those projects. Contractor are still required to maintain certified payroll records on a continuous basis, and provide them to the Labor Commissioner's Office upon request. The small project exemption applies for public works projects that do not exceed:

\$25,000 new construction, alteration, installation, demolition or repair
\$15,000 for maintenance

XXI. PREVAILING WAGES: In accordance with the provisions of California Labor Code Sections 1720, 1770-1776, 1810, 1813, and 1815, as amended, the Director of the DIR has determined the general prevailing rate of per diem wages in accordance with the standards set forth in Labor Code Section 1773 for the locality in which the Work is to be performed. It shall be mandatory upon the Contractor to whom the Work is awarded and upon any subcontractor under the Contractor to pay not less than said specified rates to all workers employed by them in the execution of the Work and shall post a copy of said wage rates at the project site.

AB219 (as applicable) adds Section 1720.9 to the Labor Code, the hauling and delivery of ready-mixed concrete to carry out a public works contract, with respect to contracts involving state agency or any political subdivision of the state. Section 1720.9 defines the term "ready-mixed" concrete and specifies that the rate of pay shall be the current prevailing wage "for the geographical area in which the factory or batching plant is located" as determined by the DIR. The statute also requires a written

agreement between the party hauling or delivering the ready-mixed concrete and the party that engaged its services.

The delivery company shall provide certified payroll records under Labor Code section 1776(a) to the party that engaged its services and to the general contractor within five working days after the employee has been paid, accompanied by a written time record within five working days after the employee has been paid, accompanied by a written time record. The time record must be certified by each driver for the performance of job duties.

The contractor and all subcontractors shall comply with **all** applicable Federal and State laws, regulations, and guidelines required in the performance of the contract. Copies of the updated Wage Determination rates are available to any interested party, by visiting www.dir.ca.gov for State of California. Additionally, copies of the State prevailing rate of per diem wages rates are on file at the City of Victorville Finance Division and shall be made available for review to any interested party on request.

Contractor shall be solely responsible for using the correct wage decision and performing accordingly. An error on the part of any awarding body does not relieve the Contractor from the responsibility for payment of the correct State prevailing wage and compliance with the maintenance and inspection of payroll records, posting of prevailing wage rates at work site, employment of apprentices, and other requirements of California Labor Code (1720, 1770-1776, 1810, 1813, and 1815, as amended), California Code of Regulations, Title 8, Section 16000 et seq.; and all other applicable State labor laws. Contractor further acknowledges and agrees that it will be independently responsible for reviewing the applicable laws and regulations and effectuating compliance with those laws. Contractor will require the same of all its subcontractors.

XXII. ELECTRONIC CERTIFIED PAYROLL REPORTING (ECPR): Contractors and subcontractors on all public works projects awarded on or after April 1, 2015, must use this system to furnish certified payroll records (CPRs) to the Labor Commissioner. Contractors and subcontractors who have been submitting PDF copies of their CPRs for earlier projects must also begin using the new system. For more information, please go to www.dir.gov under Labor Law Public Works. Proof of DIR payroll submission acknowledgments are required to be submitted with each invoice to the City of Victorville.

This project is subject to compliance monitoring and enforcement by the DIR.

XXIII. CONTRACTOR'S LICENSE: All contractors shall be licensed in accordance with the laws of State of California, must hold a valid **CLASS "A"** license; any contractor not so licensed shall be subject to penalties imposed by such laws. Contractor shall possess the appropriate license at the time his/her Bid Proposal is submitted.

XXIV. DISPUTES: Except for such claims as defined in and covered by California Public Contract Code section 9204 any controversy or claim arising out of or relating to the provisions of any Construction Contract awarded for this project, or the breach thereof shall be settled by arbitration, in accordance with the Rules of the American Arbitration Association, unless the parties agree, in writing, to some other form of alternative dispute resolution.

XXV. ATTORNEY'S FEES: Should any litigation, specifically including but not limited to, arbitration and other non-judicial resolution of disputes be commenced between the parties to this agreement concerning this agreement or the rights and duties of either in relation thereto, the parties prevailing in such litigation or other proceeding shall be entitled, in addition to such other relief as may be granted, to a reasonable sum as and for attorney fees in such litigation where the proceeding which, if not agreed upon by the parties, shall be determined by the court or other entity in which such litigation or other proceeding is brought.

XXVI. INDEMNIFICATION: Notwithstanding the limits of any insurance, Contractor shall indemnify the City, its officials, officers, agents, volunteers and employees against, and will hold and save them and each of them harmless from, any and all actions, suits, claims, damages to persons or property, losses, costs, penalties, obligations, errors, omissions or liabilities, (herein "claims or liabilities") that may be asserted or claimed by any person, firm or entity arising or alleged to arise out of or in connection with

the negligent performance of the work, operations or activities of Contractor, its agents, employees, subcontractors, or invitees, provided for herein, or arising or alleged to arise from the negligent acts or omissions of Contractor hereunder, or arising or alleged to arise from Contractor's negligent performance of or failure to perform any term, provision, covenant or condition of this Agreement, but excluding such claims or liabilities or portion of such claims or liabilities arising or alleged to arise from the negligence or willful misconduct of the City its officials, officers, agents, volunteers or employees, and in connection therewith:

(a) Contractor will defend any action or actions filed in connection with any of said claims or liabilities and will pay all costs and expenses, including legal costs and attorneys' fees incurred in connection therewith;

(b) Contractor will promptly pay any judgment rendered against the City, its officials, officers, agents or employees for any such claims or liabilities arising or alleged to arise out of or in connection with Contractor's (or its agents, employees, subcontractors or invitees) negligent performance of or failure to perform such work, operations or activities hereunder; and Contractor agrees to save and hold the City, its officials, volunteers, officers, agents, and employees harmless therefrom;

(c) In the event the City, its officials, officers, agents, volunteers or employees is made a party to any action or proceeding filed or prosecuted against Contractor for such damages or other claims arising or alleged to arise out of or in connection with the negligent performance of or failure to perform the work, operation or activities of Contractor hereunder, Contractor shall pay to the City, its officials, volunteers officers, agents or employees, any and all costs and expenses incurred by the City, its officers, agents or employees in such action or proceeding, including but not limited to, legal costs and attorneys' fees for counsel acceptable to City.

(d) Contractor's duty to defend and indemnify as set out in this Section shall include any claims, liabilities, obligations, losses, demands, actions, penalties, suits, costs, expenses or damages or injury to persons or property arising or alleged to arise from, in connection with, as a consequence of, or pursuant to, any state or federal law or regulation regarding hazardous substances, including but not limited to the Federal Insecticide, Fungicide and Rodenticide Act ("FIFRA"), Comprehensive Environmental Response, Compensation and Liability Act of 1980 ("CERCLA"), Resource Conservation and Recovery Act of 1976 ("RCRA"), the Hazardous and Solid Waste Amendments of 1984, the Hazardous Material Transportation Act, the Toxic Substances control Act, the Clean Air Act, the Clean Water Act, the California Hazardous Substance Account Act, the California Hazardous Waste Control Law or the Porter-Cologne Water Quality Control Act, as any of those statutes may be amended from time to time.

The Contractor's indemnification obligations pursuant to this Section shall survive the termination of this Agreement. Contractor shall require the same indemnification from all subcontractors.

XXVII. OWNERSHIP OF DOCUMENTS: All drawings, specifications, reports, records, documents and other materials prepared by Contractor, its employees, subcontractors and agents in the performance of this Agreement shall be the property of the City and shall be delivered to the City upon request of the Contract Officer or upon the termination of this Agreement, and Contractor shall have no claim for further employment or additional compensation as a result of the exercise by the City of its full rights of ownership of the documents and materials hereunder. Contractor may retain copies of such documents for its own use. Contractor shall have an unrestricted right to use the concepts embodied therein. All subcontractors shall provide for assignment to the City of any documents or materials prepared by them, and in the event Contractor fails to secure such assignment, Contractor shall indemnify the City for all damages resulting therefrom.

XXVIII. UNFAIR BUSINESS PRACTICE CLAIMS: In entering into a public works contract or a subcontract to supply goods, services or materials pursuant to a public works contract, the Contractor or subcontractor offers and agrees to assign to the awarding body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2, (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services or materials pursuant to the public works contract or the subcontract. This assignment shall be made and become effective at the time the awarding body renders final payment to the Contractor without further acknowledgment by the parties. (Sec. 7103.5, California Public Contract Code).

XXIX. SEVERABILITY: In the event that any one or more of the phrases, sentences, clauses, paragraphs, or sections contained in this Agreement shall be declared invalid or unenforceable by a valid judgment or decree of a court of competent jurisdiction, such invalidity or unenforceability shall not affect any of the remaining phrases, sentences, clauses, paragraphs, or sections of this Agreement which are hereby declared as severable and shall be interpreted to carry out the intent of the parties hereunder unless the invalid provision is so material that its invalidity deprives either party of the basic benefit of their bargain or renders the Agreement meaningless.

XXX. WAIVER: 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. A party's consent to or approval of any act by the other party requiring the party's consent or approval shall not be deemed to waive or render unnecessary the other party's consent to or approval of any subsequent act. 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 the Agreement.

XXXI. SUBSTITUTION OF SECURITIES: Pursuant to California Public Contract Code Section 22300, substitution of eligible equivalent securities for any moneys withheld to ensure performance under the Contract for the work to be performed will be permitted at the request and expense of the successful bidder.

XXXII. APPRENTICES ON PUBLIC WORKS: The Contractor shall comply with all applicable provisions of Section 1777.6 of the California Labor Code relating to employment of apprentices on public works projects. Prior to commencing work on a contract for public works, Contractor shall submit Contract award information to an applicable apprenticeship program that can supply apprentices to the site of the public works. Contractor and Subcontractor shall provide and keep accurate payroll records and shall be available for inspection by the Labor Standards Enforcement (full texts of these codes are available at www.leginfo.ca.gov/calaw.html).

XXXIII. AWARD OF CONTRACT: The City of Victorville reserves the right to reject any and all bids and waive any irregularities or informalities in any bid or in the bidding. The award of the Contract, if any, will be made to the lowest (based on the amount of the total base bid) responsible bidder whose bid is responsive to all the requirements set forth in Contract Documents. Such award, if made, shall be made within ninety (90) calendar days after opening of the Bid Proposals. The Contractor's signature on the Bid Proposal Form shall constitute a commitment on the part of the bidder to perform all of the work necessary to complete the project as set forth in the Bid Proposal, Bid Proposal Forms, Notice Inviting Bids, Instructions to Bidders and the Special Provisions. The bidder to whom the Contract is awarded shall be notified upon approval of the Contract by the City Council. The Notice Inviting Bids, Instructions to Bidders, Proposal, Bid Proposal Form, Special Provisions, City of Victorville Standard Specifications for Public Improvements, Greenbook Standard Specifications for Public Works Construction and Standard Plans of the State of California Department of Transportation including all addendums, together with any plans and/or attachments, shall be considered as part of the Contract between the City and the Contractor to whom a contract is awarded.

XXXIV. PERMITS AND LICENSES: The Contractor shall obtain all necessary licenses and permits, including but not limited to a City of Victorville business license, and encroachment permits from the City for all work in the public right-of-way to accomplish the work. Contractor is responsible for obtaining all

permits required for City-related projects and contracts. The Contractor shall obtain all required permits prior to commencing work and shall submit the work in progress to periodic inspection by the Public Works Inspector of the City of Victorville and shall honor all correction notices issued by same. All contacts, regarding inspections, shall be made to the Engineering Division of the Public Works Department within the City.

XXXV. TERMINATION FOR CONVENIENCE: The City may, by written notice, terminate this Contract in whole or in part, when deemed in the City's interest. Upon termination of this Contract, the City shall only be liable for payment under the payment provisions of this Contract for services rendered or supplies furnished prior to the effective date of termination.

XXXVI. TERMINATION FOR DEFAULT: In the event either party fails to perform its obligations hereunder, the non-defaulting party shall provide the defaulting party written notice of such default. The defaulting party shall have ten (10) calendar days to cure the default; provided that, if the default is not reasonably susceptible to being cured within said ten (10) calendar days, the defaulting party shall have a reasonable time to cure the default, not to exceed a maximum of thirty (30) calendar days, so long as the defaulting party commences to cure such default within ten (10) calendar days of service of such notice and diligently prosecutes the cure to completion; provided further that if the default is an immediate danger to the health, safety and general welfare, the defaulting party shall take such immediate action as may be necessary. Notwithstanding the foregoing, the nondefaulting party may, in its sole and absolute discretion, grant a longer cure period. Should the defaulting party fail to cure the default within the time period provided in this Section, the non-defaulting party shall have the right, in addition to any other rights the nondefaulting party may have at law or in equity, to terminate this Contract. Compliance with the provisions of this Section shall be a condition precedent to bringing any legal action, and such compliance shall not be a waiver of any party's right to take legal action in the event that the dispute is not cured.

XXXVII. AMERICANS WITH DISABILITIES: The Bidder shall comply with the Americans with Disabilities Act (ADA) of 1990 (42 U.S.C. 12101 et seq.) which prohibits discrimination on the basis of disability, as well as all applicable regulations and guidelines issued pursuant to the ADA.

XXXVIII. HIRING OF UNDOCUMENTED IMMIGRANTS PROHIBITED: Contractor shall not hire or employ any person to perform work within the City of Victorville or allow any person to perform work required under this Agreement unless such person is properly documented and legally entitled to be employed within the United States.



SECTION A: SSPWC SPECIAL PROVISIONS

SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT PROJECT 60085-60118-74428

The following Special Provisions supplement the Standard Specifications for Public Works Construction, 2021 Edition.



Brian Gengler

BRIAN GENGLER, P.E.
CITY ENGINEER

SPECIAL PROVISIONS

INTRODUCTION

The City of Victorville uses the Standard Specifications for Public Works Construction (SSPWC), 2021 edition (commonly referred to as the “Greenbook”), written and promulgated by Public Works Standards, Inc.

The Special Provisions for the Work consist primarily of the City of Victorville Amendments to the Standard Specifications for Public Works Construction, comprised of *SECTION A* of this document, which address *Parts 1 through 8*, respectively, of the Standard Specifications. All references to Standard Specifications within this document shall mean both the Greenbook specifications and these Special Provisions. Nothing in these Special Provisions shall relieve the Contractor from responsibilities as provided in 5-7 *Safety* of the Standard Specifications.

ORGANIZATION

Requirements pertaining to the Greenbook specifications are listed under headings that correspond with the main-section headings of the Greenbook. Each provision begins with a revision clause that describes or introduces a revision to the Standard Specifications.

- a) **ADD THE FOLLOWING:** - means all of the existing language in a particular subsection of the Greenbook remains part of the Contract; and the sentence, paragraph or subsection set forth after this phrase is added to the existing language in the Greenbook subsection.
- b) **DELETE THE FOLLOWING:** - means the word, sentence, paragraph or subsection of the Greenbook set forth after this phrase is completely removed from the Contract, but every other word, sentence, or paragraph in the Greenbook subsection remains a part of the Contract, unless the entire subsection has been deleted.
- c) **REPLACE . . . WITH THE FOLLOWING:** - means the sentence, paragraph or subsection of the Greenbook set forth after the word “**replace**” is deleted from the Contract; and is completely replaced as part of the Contract by the language following the phrase “**with the following.**” When portions of the Standard Specifications text are modified (e.g. part of a sentence), the revised portion is double-underlined.

Any paragraph added or deleted by a revision clause does not change the paragraph numbering of the Standard Specifications for any other reference to a paragraph of the Standard Specifications.

PART 1: GENERAL PROVISIONS

SECTION 1 – GENERAL

1-2 TERMS AND DEFINITIONS.

➤ REPLACE THE DEFINITIONS IN THE STANDARD SPECIFICATIONS WITH THE FOLLOWING:

Agency – The City of Victorville.

Board – The City Council of the City of Victorville.

Change Order – A written order to the Contractor signed by the Agency directing an addition, deletion, or revision in the Work, or an adjustment in the Contract Price or the Contract time issued after the effective date of the Contract. The Change Order shall be signed by the Contractor and returned to the Engineer.

Engineer – The City Engineer of the City of Victorville or duly authorized agent(s).

Special Provisions – Additions and revisions to the Standard Specifications setting forth conditions and requirements peculiar to the work as amended by the City of Victorville.

➤ REVISE THE DEFINITION FOR “WORKING DAY” AS FOLLOWS:

c) The following City designated holidays for 2018-2019:

- i) New Year’s Eve (December 31)
- ii) New Year’s Day (January 1)
- iii) Martin Luther King, Jr. Day (third Monday in January)
- iv) Presidents’ Day (third Monday in February)
- v) Memorial Day (last Monday in May)
- vi) Independence Day (July 4)
- vii) Labor Day (first Monday in September)
- viii) Veterans’ Day (November 11)
- ix) Thanksgiving Day (fourth Thursday in November)
- x) Christmas Eve (December 24)
- xi) Christmas Day (December 25)

➤ ADD THE FOLLOWING DEFINITIONS ALPHABETICALLY:

Acceptance, Final – The Engineer’s written confirmation in accordance with 3-13.2 Acceptance.

Authorized Work Change Order – A written change order to the Contractor signed by the Agency directing an addition, or revision of Work, or an adjustment in the Contract Unit Price issued after the effective date of the Contract permitting the Contractor to bill to a pre-determined amount included in the Bid Proposal Form under an Authorized Work line item as directed by the Engineer.

Bid Guaranty – The cash, certified check or Bidder’s surety bond accompanying the Bid as a guaranty that the Bidder will enter into a Contract with the Board for the performance of the Work.

City, or Owner – The City of Victorville and or Victorville Water District.

Construction Specifications – *Part III - Construction Specifications: Details of the City of Victorville Standard Specifications for Public Improvements.*

Contract Time – The number of days specified in the Bid documents for the completion and acceptance of the Work in accordance with *3-13 Completion, Acceptance, and Warranty*.

County – The County of San Bernardino.

Department of Public Works – The City of Victorville Department of Public Works.

Department Personnel – Authorized Agents of the City of Victorville.

District – Victorville Water District.

Director – The City Engineer of the City of Victorville.

Final Payment – The last payment for the Contract made to the Contractor, excluding 5% Retention.

Material Change – The addition, deletion or substitution of one or more components to be furnished that impacts the Contract Unit Price for the Work.

Owner Operator – Individuals that own and/or lease and operate equipment under their own authority at a unit cost, fixed cost or any other method of establishing compensation accompanied by an agreement in the form of a written statement, invoice or contract.

Project Site – Area(s) where the Work is performed pursuant to the Contract.

Resident Engineer – A qualified engineer who is empowered by the City to administer the construction contract. Pursuant to California professional engineering licensing requirements, the resident engineer may be unlicensed provided their work is performed under the review of a licensed engineer.

Rental – Equipment or tools the prime or any sub tier contractor obtains from a rental company operated by employees of the prime or any sub tier contractor. Excluded is equipment accompanied by an operator, temporarily procured to perform Contract Work or Extra Work from an owner or leasing agency of any equipment utilized at the request of the prime or any sub tier contractor.

Retention – The amount, 5%, withheld from each payment to the Contractor in accordance with 7-3.2 *Partial and Final Payment*.

Technical Specifications – *Part 2 through Part 8* of the Standard Specifications for Public Works Construction, as modified by the City of Victorville in these Special Provisions.

1-3 ABBREVIATIONS.

1-3.2 Common Usage.

➤ ADD THE FOLLOWING ABBREVIATION ALPHABETICALLY:

CA-MUTCD	Manual on Uniform Traffic Control Devices, California Edition, latest version
CC	Cash Contract
DWG	Drawing
HMA	Hot mix asphalt (asphaltic concrete)
MSE	Microsurfacing emulsion
NPDES	National Pollutant Discharge Elimination System
RWQCB	Regional Water Quality Control Board
SCE	Southern California Edison Company
SCG	Southern California Gas Company
SDMH	Storm drain manhole
SMH	Sewer manhole
STD	Standard

1-6 BIDDING AND SUBMISSION OF THE BID.

➤ ADD THE FOLLOWING NEW SUBSECTION:

1-6.1.1 Pre-Bid Meeting. The City will conduct a pre-bid meeting for the Work. The purpose of the meeting is to provide a forum for the prospective bidders to express their concerns and issues to the City representatives and to provide small businesses the opportunity to meet and interact with prospective bidders and increase participation in the performance of contracts.

All prospective bidders attending the pre-bid meeting will report their attendance by signing in on the sign-in sheet provided by the City. Prospective bidders shall identify themselves on the sign-in sheet by legibly writing the bidding entity's name, the name and title of the person representing the bidding entity, and contact information for the bidding entity.

1-6.2 Subcontractor Listing.

➤ ADD THE FOLLOWING AFTER THE LAST PARAGRAPH:

The Prime Contractor will be assessed a penalty in an amount of not more than 10 percent of the amount of the subcontract involved for any violation discovered by the City.

1-7 AWARD AND EXECUTION OF THE CONTRACT

1-7.2 Contract Bonds.

➤ REPLACE THE FIRST SENTENCE OF THE THIRD PARAGRAPH AS FOLLOWS:

The Contractor shall provide 2 good and sufficient surety bonds executed on the forms furnished by the City of Victorville.

➤ ADD THE FOLLOWING AFTER THE LAST PARAGRAPH:

Full compensation for furnishing bonds will be included in the Contract Price or prices paid for the various items of work involved and no additional compensation will be allowed.

SECTION 2 – SCOPE OF THE WORK

2-1 WORK TO BE DONE.

➤ ADD THE FOLLOWING:

The estimated quantities of work to be performed, constructed, or furnished by the Contractor under the contract shall be as listed in the Bid Proposal.

2-2 PERMITS.

➤ ADD THE FOLLOWING NEW SUBSECTIONS:

2-2.1 Encroachment Permit. The Contractor shall obtain an encroachment permit from the City of Victorville for work performed within the respective City right-of-way or property. No fee encroachment permits shall be obtained from the Engineering Department. The City may provide the Contractor with encroachment permits for Work to be performed within the respective right-of-way of the California Department of Transportation, or County of San Bernardino.

2-2.2 Environmental Quality Act. The Environmental Quality Act (Public Resources Code, Sections 21000 to 21176, inclusive) may be applicable to permits, licenses, and other authorizations that the Contractor must obtain from local agencies in connection with performing the Work of the contract. The Contractor shall comply with the provisions of those statutes in obtaining the permits, licenses and other authorizations and they shall be obtained in sufficient time to prevent delays to the Work.

2-2.3 Environmental Reports. The Contractor shall be responsible for reviewing the Environmental Reports for the project and shall comply with that document during the construction phase. It is the

Contractor's responsibility to be familiar with the Environmental Report and to coordinate and comply with the document.

2-2.4 Environmental Permits. The Contractor shall be responsible for reviewing each environmental permit obtained for this project. The Contractor shall comply with the requirements of each document that may include but not be limited to training, work site maintenance, storm water pollution control measures and construction activity prohibitions/limitations during the construction phase.

2-2.5 Environmental Commitment Record. The Contractor shall be responsible for reviewing the Environmental Commitment Record for the project that summarizes the requirements of each environmental permit obtained.

2-2.6 Payment. All fees incurred for obtaining the necessary encroachment permits with Public Agencies by the Contractor shall be paid by the City of Victorville. The Contractor shall remit invoices to the City including a separate payment request for reimbursement of fees paid.

2-3 RIGHT OF WAY.

➤ REPLACE SUBSECTION 2-3 WITH THE FOLLOWING:

The Contractor shall perform work within the public right-of-way or easements shown on the plans. The right to enter onto private property outside the public right-of-way or easements shall be obtained in writing from the property owner by the Contractor. The Contractor shall make the arrangements, pay for and assume all responsibility for acquiring, using and disposing of additional work or staging areas and facilities temporarily required to complete the Work outside the City right-of-way.

The Contractor shall be solely responsible for damages to persons and property resulting from entry onto private property from the right-of-way or easements. The Contractor shall indemnify, defend and hold the City harmless from any and all claims, causes of action, demands or judgments resulting from the Contractor's entry onto private property outside the right-of-way or easement area.

2-5 THE CONTRACTOR'S EQUIPMENT AND FACILITIES.

2-5.2 Temporary Utility Services.

➤ REPLACE THE SECOND PARAGRAPH WITH THE FOLLOWING:

Construction water may be obtained from a Victorville Water District fire hydrant near or within the Work area. The Contractor must obtain a Fire Hydrant Construction Meter Permit prior to the start of work. A deposit, setup and installation fee will be required to obtain a construction water flow meter. The water department will install and lock the water meter to a fire hydrant for the Contractors use after the permit is obtained. The current deposit, setup fee, installation fee, and unit rate can be obtained from the water department. The Contractor shall be responsible for providing all water needs for the project and all costs associated with obtaining construction water as an incidental cost to Contract Unit Price(s).

2-7 CHANGES INITIATED BY THE AGENCY.

2-7.1 General.

➤ REPLACE THE FIRST PARAGRAPH WITH THE FOLLOWING:

The Agency may change the plans, Specifications, material, or quantity of work provided the total arithmetic dollar value of all such changes, both additive and deductive does not exceed 25 percent of the Contract Price. Should it become necessary to exceed this limitation, the change shall be by a written Contract Change Order between the Contractor and Agency.

2-8 EXTRA WORK.

➤ ADD THE FOLLOWING:

Extra Work performed beyond established lines and grades in the Plans without an approved Change Order or written authorization from the Engineer shall be considered unauthorized work. No

compensation for materials, equipment, tools, labor, and incidentals will be allowed therefore. The Engineer shall have the authority to have such work removed and the area restored at the Contractors expense.

2-9 CHANGED CONDITIONS.

➤ ADD THE FOLLOWING:

If the Contractor performs any construction activity knowing it involves a recognized error, inconsistency, or omission in the Contract Documents without submitting a notice acknowledge by the Engineer, the Contractor shall assume appropriate responsibility for such performance and shall assume responsibility for the full cost of correction.

2-10 DISPUTED WORK.

➤ ADD THE FOLLOWING:

Public Contract Code Section 9204.

- (a) The Legislature finds and declares that it is in the best interests of the state and its citizens to ensure that all construction business performed on a public works project in the state that is complete and not in dispute is paid in full and in a timely manner.
- (b) Notwithstanding any other law, including, but not limited to, Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2, Chapter 10 (commencing with Section 19100) of Part 2, and Article 1.5 (commencing with Section 20104) of Chapter 1 of Part 3, this section shall apply to any claim by a contractor in connection with a public works project.
- (c) For purposes of this section:
 - (1) "Claim" means a separate demand by a contractor sent by registered mail or certified mail with return receipt requested, for one or more of the following:
 - (A) A time extension, including, without limitation, for relief from damages or penalties for delay assessed by a public entity under a contract for a public works project.
 - (B) Payment by the public entity of money or damages arising from work done by, or on behalf of, the contractor pursuant to the contract for a public works project and payment for which is not otherwise expressly provided or to which the claimant is not otherwise entitled.
 - (C) Payment of an amount that is disputed by the public entity.
 - (2) "Contractor" means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who has entered into a direct contract with a public entity for a public works project.
 - (3) (A) "Public entity" means, without limitation, except as provided in subparagraph (B), a state agency, department, office, division, bureau, board, or commission, the California State University, the University of California, a city, including a charter city, county, including a charter county, city and county, including a charter city and county, district, special district, public authority, political subdivision, public corporation, or nonprofit transit corporation wholly owned by a public agency and formed to carry out the purposes of the public agency.
 - (B) "Public entity" shall not include the following:
 - (i) The Department of Water Resources as to any project under the jurisdiction of that department.
 - (ii) The Department of Transportation as to any project under the jurisdiction of that department.
 - (iii) The Department of Parks and Recreation as to any project under the jurisdiction of that department.

- (iv) The Department of Corrections and Rehabilitation with respect to any project under its jurisdiction pursuant to Chapter 11 (commencing with Section 7000) of Title 7 of Part 3 of the Penal Code.
 - (v) The Military Department as to any project under the jurisdiction of that department.
 - (vi) The Department of General Services as to all other projects.
 - (vii) The High-Speed Rail Authority.
- (4) "Public works project" means the erection, construction, alteration, repair, or improvement of any public structure, building, road, or other public improvement of any kind.
- (5) "Subcontractor" means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who either is in direct contract with a contractor or is a lower tier subcontractor.
- (d) (1) (A) Upon receipt of a claim pursuant to this section, the public entity to which the claim applies shall conduct a reasonable review of the claim and, within a period not to exceed 45 days, shall provide the claimant a written statement identifying what portion of the claim is disputed and what portion is undisputed. Upon receipt of a claim, a public entity and a contractor may, by mutual agreement, extend the time period provided in this subdivision.
- (B) The claimant shall furnish reasonable documentation to support the claim.
- (C) If the public entity needs approval from its governing body to provide the claimant a written statement identifying the disputed portion and the undisputed portion of the claim, and the governing body does not meet within the 45 days or within the mutually agreed to extension of time following receipt of a claim sent by registered mail or certified mail, return receipt requested, the public entity shall have up to three days following the next duly publicly noticed meeting of the governing body after the 45-day period, or extension, expires to provide the claimant a written statement identifying the disputed portion and the undisputed portion.
- (D) Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. If the public entity fails to issue a written statement, paragraph (3) shall apply.
- (2) (A) If the claimant disputes the public entity's written response, or if the public entity fails to respond to a claim issued pursuant to this section within the time prescribed, the claimant may demand in writing an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the public entity shall schedule a meet and confer conference within 30 days for settlement of the dispute.
- (B) Within 10 business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the public entity shall provide the claimant a written statement identifying the portion of the claim that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. Any disputed portion of the claim, as identified by the contractor in writing, shall be submitted to nonbinding mediation, with the public entity and the claimant sharing the associated costs equally. The public entity and claimant shall mutually agree to a mediator within 10 business days after the disputed portion of the claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the claim. Each party shall bear the fees and costs charged by its respective mediator in connection with the

- selection of the neutral mediator. If mediation is unsuccessful, the parts of the claim remaining in dispute shall be subject to applicable procedures outside this section.
- (C) For purposes of this section, mediation includes any nonbinding process, including, but not limited to, neutral evaluation or a dispute review board, in which an independent third party or board assists the parties in dispute resolution through negotiation or by issuance of an evaluation. Any mediation utilized shall conform to the timeframes in this section.
 - (D) Unless otherwise agreed to by the public entity and the contractor in writing, the mediation conducted pursuant to this section shall excuse any further obligation under Section 20104.4 to mediate after litigation has been commenced.
 - (E) This section does not preclude a public entity from requiring arbitration of disputes under private arbitration or the Public Works Contract Arbitration Program, if mediation under this section does not resolve the parties' dispute.
- (3) Failure by the public entity to respond to a claim from a contractor within the time periods described in this subdivision or to otherwise meet the time requirements of this section shall result in the claim being deemed rejected in its entirety. A claim that is denied by reason of the public entity's failure to have responded to a claim, or its failure to otherwise meet the time requirements of this section, shall not constitute an adverse finding with regard to the merits of the claim or the responsibility or qualifications of the claimant.
- (4) Amounts not paid in a timely manner as required by this section shall bear interest at 7 percent per annum.
- (5) If a subcontractor or a lower tier subcontractor lacks legal standing to assert a claim against a public entity because privity of contract does not exist, the contractor may present to the public entity a claim on behalf of a subcontractor or lower tier subcontractor. A subcontractor may request in writing, either on his or her own behalf or on behalf of a lower tier subcontractor, that the contractor present a claim for work which was performed by the subcontractor or by a lower tier subcontractor on behalf of the subcontractor. The subcontractor requesting that the claim be presented to the public entity shall furnish reasonable documentation to support the claim. Within 45 days of receipt of this written request, the contractor shall notify the subcontractor in writing as to whether the contractor presented the claim to the public entity and, if the original contractor did not present the claim, provide the subcontractor with a statement of the reasons for not having done so.
- (e) The text of this section or a summary of it shall be set forth in the plans or specifications for any public works project that may give rise to a claim under this section.
 - (f) A waiver of the rights granted by this section is void and contrary to public policy, provided, however, that (1) upon receipt of a claim, the parties may mutually agree to waive, in writing, mediation and proceed directly to the commencement of a civil action or binding arbitration, as applicable; and (2) a public entity may prescribe reasonable change order, claim, and dispute resolution procedures and requirements in addition to the provisions of this section, so long as the contractual provisions do not conflict with or otherwise impair the timeframes and procedures set forth in this section.
 - (g) This section applies to contracts entered into on or after January 1, 2017.
 - (h) Nothing in this section shall impose liability upon a public entity that makes loans or grants available through a competitive application process, for the failure of an awardee to meet its contractual obligations.
 - (i) This section shall remain in effect only until January 1, 2020, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2020, deletes or extends that date.

- ADD THE FOLLOWING NEW SUBSECTION:

2-11 WORK-CHARACTER CHANGES.

The Contractor may submit a change order request to adjust a Contract Unit Price if revisions are made by the order of the Engineer to the plans and or specifications that materially changes the character of a work item as defined by contract documents from which the original bid item price was based.

- ADD THE FOLLOWING NEW SUBSECTION:

2-12 PROCEDURE.

All Change Orders, Extra Work, Work Change Directives, or other deviations from the Contract Documents shall be in writing. The Contractor will not be compensated for deviations from the Contract Documents not supported by a written change document processed through the Engineer.

SECTION 3 – CONTROL OF THE WORK

3-4 AUTHORITY OF THE BOARD AND THE ENGINEER.

- ADD THE FOLLOWING BETWEEN THE FIRST AND SECOND PARAGRAPHS:

Should any discrepancy appear or any misunderstanding arise as to the import of anything contained in the Special Provisions or on the Plans, the matter shall be referred to the Engineer, who shall decide the same in accordance with the true intent and meaning as construed by him. Any differences or conflicts which may arise between the Contractor and any other Contractor also under the contract administration of the Engineer shall be arbitrated by the Engineer.

3-5 INSPECTION.

- REPLACE THE FIRST SENTENCE OF THE FIRST PARAGRAPH WITH THE FOLLOWING:

All work pursuant to the Contract is subject to inspection and approval by the Engineer.

- ADD THE FOLLOWING AFTER THE LAST PARAGRAPH:

The Engineer may order re-examination of any part of the Work, and such part of the Work shall be uncovered by the Contractor. The Contractor shall pay the entire cost of such uncovering, re-examination, and replacement if the re-examined work does not conform to the Contract.

The Contractor shall be solely responsible for any costs associated with the removal of any defective work discovered during the inspection and the complete cost of reconstruction. The Contractor shall notify the Engineer of the time and place of any factory tests and submit test procedures for approval 20 calendar days in advance for any tests that are required by the Contract. The Contractor shall report the time and place of preparation, manufacture or construction of any material for the Work, or any part of the Work, that the Engineer wishes to inspect. The Contractor shall give 5 Working Days notice in advance of the beginning of work on any such material or of the beginning of any such test to allow the Engineer to arrange for inspecting and testing or witnessing.

Contracts financed in whole or in part with Federal or State funds shall be subject to inspection at all times by the Federal or State agencies involved.

3-6 THE CONTRACTOR’S REPRESENTATIVE.

- REPLACE THE LAST TWO SENTENCES OF THE FIRST PARAGRAPH WITH THE FOLLOWING:

Failure of Contractor’s representative to be on site while Work is in progress will be construed as an unauthorized suspension of the Work by the Contractor, and will be considered a breach of contract.

3-7 CONTRACT DOCUMENTS.

3-7.1 General.

➤ ADD THE FOLLOWING AFTER THE LAST PARAGRAPH

The Contractor shall keep a complete record of all changes to the original Plan(s) made during the course of construction, including location, size, material, and equipment used. A complete set of As-Built Plans shall be submitted to the Engineer prior to final acceptance for review and approval.

➤ ADD THE FOLLOWING NEW SUBSECTIONS:

3-7.1.1 Plans. Included as part of the Contract Documents are the following plans, which show the scope of Work:

a) **Plans:**

- i) STREET IMPROVEMENT PLANS FOR SEVENTH AVENUE & ARROWHED DRIVE FROM BEAR VALLEY ROAD TO GREEN TREE BOULEVARD, S-903.
- ii) STRIPING PLANS FOR SEVENTH AVENUE & ARROWHED DRIVE FROM BEAR VALLEY ROAD TO GREEN TREE BOULEVARD, S-904.
- iii) WATER IMPROVEMENTS FOR SEVENTH AVE & ARROWHEAD DRIVE FROM BEAR VALLEY ROAD TO GREEN TREE BOULEVARD, WP-1435.
- iv) AREA 7 RE-ZONE 4 (RZ-4) PIPELINE – PARTIAL VICTORVILLE WATER DISTRICT, WP-1431.

b) **Standard Plans:**

- i) The City of Victorville Standard Drawings;
- ii) Standard Plans For Public Works Construction (SPPWC) “Greenbook,” latest edition;
- iii) Caltrans Standard Plans and
- iv) California MUTCD, latest edition.

3-7.1.2 Specifications and Plans. The Work shall be constructed or performed in accordance with these Special Provisions, the City of Victorville Standard Specifications for Public Improvements and Standard Drawings, and the “Greenbook” Standard Specifications for Public Works Construction, 2021 edition. The Standard Specifications are published by BNi Building News, Inc., 990 Park Center Drive, Suite E, Vista, CA 92081, (760)734-1113. Other specifications and plans include: Caltrans Standard Specifications and Standard Plans.

3-7.1.3 Accuracy of Specifications and Plans. The Plans show conditions as they are supposed or believed by the Engineer to exist, but it is not intended or to be inferred that the conditions as shown thereon constitute a representation or warranty, expressed or implied, by the City or its officers, that such conditions actually exist. The City, or any of its officers, shall not be liable for any loss sustained by the Contractor as a result of any variance between conditions as shown on the Plans, and the actual conditions revealed during progress of the Work.

The Contractor shall carefully study and compare the Contract Documents with each other and with information available to the Contractor. The Contractor shall make field measurements, verify field conditions and shall carefully compare such field measurements and conditions and other information known to the Contractor with the Contract Documents before commencing activities. Contractor shall report to the Engineer immediately any errors, inconsistencies, or omissions discovered, in accordance with *3-4 Changed Conditions*.

3-7.2 Precedence of the Contract Documents.

➤ REVISE 3-7.2 AS FOLLOWS:

If there is a conflict between any of the Contract Documents, the document highest in the order of precedence shall control. The order of precedence, from highest to lowest, shall be as follows:

- a) Permits issued by jurisdictional regulatory agencies.
- b) Change Orders and Supplemental Agreements, whichever occurs last.
- c) Contract (Construction Agreement)
- d) Addenda
- e) Notice Inviting Bids, Instructions to Bidders
- f) Contractor's Bid/Proposal (see *Section D* of the Bid Documents)
- g) Plans (Contract Drawings)
- h) Special Provisions
- i) City of Victorville Standard Specifications for Public Improvements
- j) California Manual of Uniform Traffic Control Devices
- k) Greenbook Standard Specifications
- l) Greenbook Standard Plans

Detail drawings shall take precedence over general drawings.

3-8 SUBMITTALS.

3-8.1 General.

➤ ADD THE FOLLOWING AFTER THE FIRST PARAGRAPH:

The Contractor shall witness by signature on the submittal letter of transmittal that all of the information contained therein has been reviewed and is correct. A submittal containing any material to be incorporated into the Work that requires a Certificate of Compliance shall accompany the material deliveries. One or more Certificates of Compliance included in a submittal containing a mix design, shop drawing, product information sheets or other items may not be accepted. An approved submittal does not relieve the Contractor or supplier from providing a Certificate of Compliance and test reports for the actual material delivered and incorporated into the Work.

➤ ADD THE FOLLOWING AFTER THE SECOND PARAGRAPH:

The Contractor may be permitted a maximum of 20 additional Working Days after the Notice to Proceed is issued for the submission, review and approval of submittals not approved if the following conditions are met:

1. The Contractor has shown due diligence with submission of submittals prior to the pre-construction meeting;
2. A formal request is submitted within three (3) calendar days after issuance of the Notice to Proceed and is approved by the Engineer.

No work on the project shall be permitted for Working Days added to the contract to complete submittal process under this provision. The Contractor shall not be permitted to use these additional working days to float the project. If insufficient effort is applied by the contractor to complete the submittals within the time allotted, the Engineer reserves the right to take away Working Days previously granted per this provision. Sufficient effort may be considered prompt submissions and responses to comments between the Engineer and Contractor without periods of inactivity. The Contractor shall allow a minimum of 10 Working Days for review of submittals.

➤ ADD THE FOLLOWING AFTER THE SECOND PARAGRAPH:

The Contractor may transmit submittals as an electronic file (PDF via email, flash drive or CD) for City review. The letter of transmittal for each submittal shall contain the project name, contract number, bid item number, description of work, location of work, a statement from the Contractor that the contents of

the submittal item(s) meets the Plan and Specification requirements and wet signature. At least a 2 by 4 inch blank area shall be provided for the Engineer's approval stamp on the letter of transmittal. Each submittal shall be assigned a tracking number (SUB01... SUBx_i). A revised submittal tracking number shall contain the letter "R" and a number representing the most current revision (ex. SUB01R2... SUBx_iRx_i). A Submittal Status and Tracking Log shall accompany all projects with more than 10 product submittals. Submission of each individual submittal or group requires an updated Submittal Status and Tracking Log. A "hard copy" submittal package including a binder with table of contents and associated tabs shall be provided to the City containing all the approved submittals for the project. Any additional submittals will require a submittal package update by the Contractor. Lack of clarity or specificity in the letter of transmittal and/or content of the submittal itself will be reason for rejection.

If a portion of the Work is subcontracted, the prime contractor shall be responsible to review all submittals for conformance to plans and specifications.

At the request of the Contractor or Engineer, written consent from the Engineer may allow for individual submittals to be approved prior to completion of the submittal package to expedite the start of work. If the Contractor fails to submit a complete submittal package or individual submittal(s) for an item of work to be performed after mobilization and construction begins, the Engineer may stop the work and count the working days against the contract time.

Submittals for review and approval by the Engineer may be uploaded through the Citizen Access Portal under the permits tab under the EReview Projects window.

Link: https://energov19.victorvilleca.gov/EnerGov_Prod/SelfService#/home

Alternatively, submittals may be sent to the Project Manager.

Harry Mayo
14343 Civic Drive
Victorville, CA 92392
Phone: (760) 243-6351
Email: hmayo@victorvilleca.gov

3-8.4 Supporting Information.

- ADD THE FOLLOWING:
 - n) Shoring Methodology

3-9 SUBSURFACE DATA.

- INSERT THE FOLLOWING BEFORE THE FIRST PARAGRAPH OF SUBSECTION 3-9:

Where investigations of subsurface conditions have been made by the City with respect to subsurface conditions, utilities, foundation, or other structural designs, and that information is shown in the Plans, it represents only a statement by the City as to the character of materials that have actually been encountered by the City's investigation. This information is only included for the convenience of Bidders.

Investigations of subsurface conditions are made for the purpose of design only. The City assumes no responsibility with respect to the sufficiency or accuracy of borings or of the log of test borings or other preliminary investigations or of the interpretation thereof. There is no guaranty, either expressed or implied, that the conditions indicated are representative of those existing throughout the Work, or any part of it, or that unanticipated conditions may not occur. When a log of test borings is included in the Plans or in these Special Provisions, it is expressly understood and agreed that said log of test borings does not constitute a part of the Contract. The log of test borings represents only an opinion of the City as to the character of the materials to be encountered, and is included in the Plans only for the convenience of the Bidders. Making information available to Bidders is not to be construed in any way

as a waiver of the provisions of the first paragraph of this Sub-section, and Bidders must satisfy themselves through their own investigations as to conditions to be encountered.

3-10 SURVEY SERVICE.

➤ ADD THE FOLLOWING BETWEEN THE SECOND AND THIRD PARAGRAPH:

Construction survey staking will be provided by the City of Victorville Engineering Division. The Contractor shall submit a survey request form no later than 3 business days before staking is required for construction activities. The *REQUEST FOR CONSTRUCTION STAKING* form is available online at: <https://www.victorvilleca.gov/government/city-departments/engineering/surveying>

3-12 WORK SITE MAINTENANCE.

3-12.1 General.

➤ ADD THE FOLLOWING NEW SUBSECTION 3-12.1.1:

3-12.1.1 Project Appearance. In areas visible to the public, the following shall apply:

- a) When practicable, all debris developed during construction shall be disposed of concurrently with its production. If stockpiling is necessary, the material shall be removed or disposed of daily.
- b) Trash bins conforming to 3-12.1 shall be furnished by the Contractor for debris from construction operation. Debris shall be placed in trash bins daily. Forms or false-works that are to be re-used shall be stacked neatly concurrently with their removal. Forms and false-works that are not to be re-used shall be disposed of concurrently with their removal.
- c) Material stockpile and storage at the jobsite and construction staging area shall be minimized to the least extent possible. The Engineer may inspect and approve material stockpile and storage locations at the jobsite.
- d) Under no circumstances shall material stockpiles and/or debris be placed on private properties along alignments.
- e) Under no circumstances shall any construction equipment or Contractor's vehicle be parked or stored on private properties along an alignment.
- f) Unless otherwise indicated in these Special Provisions, all material determined to be excess by the Engineer becomes property of the Contractor and shall be legally disposed of by the Contractor away from the work site.

➤ ADD THE FOLLOWING NEW SUBSECTION 3-12.1.2:

3-12.1.2 Graffiti Control. Throughout all phases of Work, including suspension of work and final acceptance, the Contractor shall keep facilities under construction, completed facilities, form and false work, adjacent properties, all equipment, field offices, storage facilities, and other facilities free of graffiti. Graffiti shall be painted over, masked, or cleaned off within 24 hours after notification from the Engineer.

3-12.2 Air Pollution Control.

➤ ADD THE FOLLOWING:

The Contractor shall furnish and operate a self-loading motor sweeper with spray nozzles as often as necessary to keep paved areas acceptably clean wherever construction, including restoration, is incomplete.

A water supply vehicle and an operator shall be available within one hour's notice on Saturdays, Sundays, and holidays to perform dust control work. If the Contractor is not available for dust control measures, the City will arrange for the work to be performed by others and will deduct all equipment, labor, and material costs thereof from the Contract amount.

All active construction areas shall be watered a minimum of 4 times per day or as required by the Engineer, the first in the morning before construction proceeds, and the last after cessation of construction activities for the day.

3-12.3 Noise Control.

➤ REPLACE THE FIRST PARAGRAPH WITH THE FOLLOWING:

Noise generated from the Contractor's operations between the hours of 7:00 p.m. to 6:00 a.m., on Sundays, and on holidays shall not exceed 85 dBA at a distance of 50 feet from the work site if the work site is located within 200 feet of a residential dwelling. This requirement shall not relieve the Contractor from responsibility for complying with local ordinances regulating noise level.

The noise level requirement shall apply to the equipment on the jobsite or related to the Work, including but not limited to trucks, transit mixers, or transient equipment that may or may not be owned by the Contractor. The use of loud sound signals shall be avoided in favor of light warnings except those required by safety laws for the protection of personnel. Crusher operations are prohibited adjacent to and within residential districts.

3-12.4 Storage of Equipment and Materials.

➤ ADD THE FOLLOWING NEW SUBSECTION 3-12.4.3:

3-12.4.3 Staging Area. If not provided by the Engineer prior to the start of construction, the Contractor is responsible to locate staging areas. The construction staging area for storage of the Contractor's equipment may be located:

- a) Within the City right-of-way, near the project location upon approval of the Engineer; or
- b) On private property with prior consent from owner. Written consent obtained by the Contractor from the property owner must be obtained and provided to the Engineering Department prior to any utilization of the property.

Staging areas setup on private property without written consent of the owner will result in a permanent withholding from a progress payment for property damage assessed by the City.

The City recommends that construction staging areas be fenced and secured at all times by the Contractor.

3-12.6 Water Pollution Control.

3-12.6.1 General.

➤ ADD THE FOLLOWING:

- f) Off site storm water runoff shall not be obstructed by BMPs due to the temporary blockage of existing drainage facilities. The Contractor shall provide temporary works that allow for the passage of storm water runoff in a manner equivalent to the existing drainage system.
- g) Soil stabilization by use of chemical or physical coverings shall be required for disturbed areas and stockpiles which are exposed and un-worked for more than 2 weeks.

3-12.6.3 Storm Water Pollution Prevention Plan (SWPPP).

➤ REPLACE THE FIRST SENTENCE WITH THE FOLLOWING:

When specified in the Bid Proposal, or if so required by Lahontan Regional Water Quality Control Board, the Contractor shall prepare and submit a storm water pollution prevention plan. The SWPPP shall conform to the requirements specified in the Special Provisions and those of Lahontan Regional Water Quality Control Board. The Notice of Intent will be filed by the City. The Contractor shall be responsible for obtaining the services of a QSD to prepare the SWPPP, and QSP to perform

inspections and file reports as required by the SWPPP. A copy of the reports prepared by the QSP shall be submitted to the City before project acceptance.

- ADD THE FOLLOWING SUB SECTION 3-12.6.3.1

3-12.6.3.1 Water Pollution Control Plan. When so specified in the Bid Proposal, the Contractor shall prepare and submit a water pollution control plan (WPCP) to the Engineer for review and approval prior to the start of work for projects disturbing less than one (1) acre. Guidance from the most current edition of the Caltrans *Stormwater Quality Handbooks* may be utilized in the preparation of the WPCP. All construction projects are required to reduce pollution discharge into local waterways to the maximum extent practicable by implementing BMPs. Implementation and management of BMPs per the recommendations contained in the WPCP shall be the Contractor's responsibility.

3-12.6.5 Payment.

- ADD THE FOLLOWING AFTER THE FIRST PARAGRAPH:

For payments specified, the Contractor shall be compensated for 40% of the bid item in the first progress payment and the remaining balance will be paid over the duration of the Project.

- REPLACE THE SECOND PARAGRAPH WITH THE FOLLOWING:

Payment for dewatering will be considered as included in the Contract Unit Price for each item in the Bid.

3-13 COMPLETION, ACCEPTANCE, AND WARRANTY.

3-13.1 Completion.

- ADD THE FOLLOWING NEW SUBSECTION 3-13.1.1:

3-13.1.1 Substantial Completion. When the Contractor considers the entire Work, or a specific portion of the Work, substantially complete, the Contractor shall certify in writing to the Engineer that the Work is substantially complete and request that the City grant substantial completion. Within 5 business days, the Engineer and the Contractor shall inspect the Work to determine the status of completion. If the Engineer does not consider the entire Work, or a specific portion of the Work, substantially complete, the Engineer will notify the Contractor in writing, giving the Engineer's reasons and provide a Punch List. If the Engineer considers the entire Work, or a specific portion of the Work, substantially complete, the Engineer will grant substantial completion. Work will be considered substantially complete when all Work depicted on the Plans, required by the Contract Documents and Punch List items, if issued are complete. The Contractor shall provide the level of effort and resources necessary to correct the defects or deficiencies within the Contract Time including Punch List work. The counting of time for liquidated damages will cease for the entire Work, on the date substantial completion is granted, but shall not bind the City to Final acceptance.

The Engineer will prepare a Punch List, of items to be completed or corrected before Final Acceptance and Final Payment.

- ADD THE FOLLOWING NEW SUBSECTION 3-13.1.2:

3-13.1.2 Final Inspection and Field Acceptance. The Contractor shall notify the Engineer in writing of the completion of the Punch List, and the Engineer shall promptly inspect the Work. The Contractor or the Contractor's representative shall be present at the final inspection. The Contractor will be notified in writing of any additional defects or deficiencies in a final Punch List. Unless otherwise agreed to by the Engineer, the City is authorized to perform the work if the Contractor fails to complete the defects or deficiencies within 20 days of the issuance of the final Punch List. All costs incurred by the City to correct the defects or deficiencies, including loss of use, inspection and administration costs will be deducted from the final payment via a deductive change order. When notified that correction of the defective or deficient work is complete, the Engineer will again inspect the Work to ascertain that the

corrections are in accordance with the Contract. The Engineer will issue a field acceptance letter and will recommend final acceptance of the Work if it finds all the corrections acceptable. Field acceptance by the Engineer shall cause the commencement of warranty periods, but shall not bind the City to Final Acceptance nor relieve the Contractor from the responsibility of completing or correcting any work.

3-13.2 Acceptance.

➤ ADD THE FOLLOWING:

Within 10 days after the date of acceptance of the Work, the City Clerk will cause to be recorded on behalf of the City, in the Office of the County Recorder, a Notice of Completion of the Work herein agreed to be done by the Contractor.

➤ ADD THE FOLLOWING NEW SUBSECTION 3-14:

3-14 MEETINGS.

3-14.1 General. The designated Contractor’s representative is required to attend all project meetings.

3-14.2 Pre-Construction Meeting. A Pre-Construction Meeting will be conducted by the Engineer prior to commencement of construction at a time and place designated by the Engineer.

3-14.3 Construction Progress Meetings. The Contractor’s representatives, including the designated Contractor’s Representative, job-site Foreman, Superintendent, and Project Engineer/Manager shall attend all scheduled construction progress meetings and other project meetings as required by the Engineer. The City’s Resident Engineer and/or Project Engineer will attend project meetings on an as needed basis to address design issues. Construction progress meetings shall be weekly or as required by the Engineer. Other project meetings shall be scheduled at the sole discretion of the Engineer. The Engineer shall determine the date(s), time(s), and location(s) for all meetings. The Engineer will be responsible for the meeting agendas and meeting minutes. If any of the Contractor’s staff cannot attend, the Contractor shall notify the Engineer a minimum of 24 hours in advance, prior to the start of the scheduled meeting. If the Contractor does not provide the required notification, the Contractor will be financially responsible for the costs of City Staff and/or consultants that attend. The Contractor will be charged a minimum of two hours of the Engineer’s time, and the time of other City employees or representatives that attend the meeting.

3-14.4 Payment. All costs associated with the Contractor’s attendance of project meetings shall be included in the prices bid for the various items of Work and no additional compensation will be paid. All costs assessed to the Contractor for not attending the meetings will be deducted from the monthly invoice.

SECTION 4 – CONTROL OF MATERIALS

4-3 INSPECTION.

4-3.1 General.

➤ ADD THE FOLLOWING AFTER THE LAST PARAGRAPH

All work and materials furnished pursuant to the Contract shall be subject to inspection and approval by the Engineer. The Contractor shall provide the Engineer with access to the Work during construction and shall furnish every reasonable facility and assistance for ascertaining that the materials and the workmanship are in accordance with the requirements and intent of the Contract.

4-4 TESTING.

- ADD THE FOLLOWING BEFORE THE FIRST SENTENCE OF THE FIRST PARAGRAPH:

Whenever the provisions of *Section 4 – Control of Materials* of the Standard Specifications refer to tests or testing, it shall mean tests to assure the quality and to determine the acceptability of the materials and work.

- ADD THE FOLLOWING NEW SUBSECTION 4-4.1:

4-4.1 Quality Control Testing By Contractor.

The Contractor shall be responsible for quality control of the products used for construction to complete the Work. Material testing shall be performed as needed. Quality control test methods shall follow those identified in the standard specifications and or special provisions. The Contractor will determine the frequency of testing. Testing results shall be made available to the Engineer upon request, but will not be accepted for as quality assurance testing. These tests are for the Contractor’s use in controlling the work.

Compensation for all field activities, laboratory testing and reporting for associated with quality control work shall be included in the contract prices paid for the various items of work involved and no additional compensation will be allowed.

- ADD THE FOLLOWING NEW SUBSECTION 4-4.2:

4-4.2 Quality Assurance Testing By the City.

Sampling and testing of materials for determination of compliance with the specified compaction requirements will be conducted by the Engineer at any location and time as the Engineer may determine. Compaction testing shall be performed by a testing laboratory approved by the Engineer.

The Contractor shall be responsible for excavation of the test pits and for providing and installing any shoring, ladders, or other equipment necessary to protect the testing personnel. The Contractor shall also suspend operations as necessary and at no cost to the City for the purpose of conducting such testing. At the option of Engineer, density tests may be taken on a lift of compacted backfill immediately before placing the next lift.

Any settlement noted in backfill, fill, or in structures built over the backfill or fill within the one-year warranty period will be considered to be caused by improper compaction methods and shall be corrected at the Contractor’s expense. Structures damaged by settlement shall be restored to their original condition by the Contractor at the Contractor’s expense.

When initial quality assurance compaction testing performed by the Engineer indicates the required density has not been obtained, the Contractor shall re-compact or replace the backfill as necessary to meet the specified minimum density.

The Contractor shall be responsible for rescheduling compaction testing with the Engineer and shall bear all costs for subsequent retesting in the areas of noncompliance. Costs associated with retesting and scheduling delays shall be the sole responsibility of the Contractor. The Engineer will deduct the costs for testing of materials and work found to be unacceptable, as determined by the tests performed by the City and the costs for testing of material sources identified by the Contractor which are not used for the work, from moneys due or to become due to the Contractor. The amount deducted will be determined by the Engineer.

4-5 CERTIFICATE OF COMPLIANCE.

- ADD THE FOLLOWING AFTER THE THIRD PARAGRAPH:

For Work including material that requires a Certificate of Compliance (COC), a typical COC shall:

1. Be submitted by the Contractor before the material is incorporated into the work;

2. Accompany the material to the job site;
3. Include and identify the lot, batch, heat or other identification number;
4. Include the City contract number (federal-aid contract number is mandatory);
5. Include a certificate number;
6. Include test data and other documents when required;
7. Include a statement that the material complies with Contract Specifications for the project; and
8. Be signed by the producer of the material.

Standardized certificates obtained from manufactures that do not contain the above applicable information will not be accepted. It is the Contractor’s responsibility to furnish the City with a project specific and complete COC.

If Buy America Certification is required on a project, a special COC shall accompany all aluminum, steel, iron and ductile iron manufactured products. In addition to the typical contents of a Certificate of Compliance listed above, the Buy America Certification shall also include:

1. State that the material is processed/manufactured in the United States (U.S.); and
2. Be signed by the manufacturer (not the contractor/subcontractors) of the material.

The following table is a summary of items from the Standard Specifications that requires a COC submitted to the Engineer from the Contractor:

Materials Requiring Certification of Compliance or Certified Test Reports				
	Material	Section #	Section Title	Additional Comments
1		4-5	Certificate of Compliance	General Requirements
2	Weighing and Metering Equipment	4-7	Weighing and Metering Equipment	Engineer to "approve" prior to operation
3	Cement	201-1.21	Cement	
4	Fly Ash	201-1.2.5.3	Fly Ash	Specific language/Info required on the COC. Must also submit test data upon request
5	Pozzolans	201-1.2.5.4	Class N Pozzolans	Specific language/Info required on the COC. Must also submit test data upon request
6	Joint Sealant, Type E	201-3.9	Test Report and Certification	Specific language/Info required on certified test reports.
7	Curling Compound	201--4.3	Test Report and Certification	Must submit certified test report upon request.
8	Paving Asphalt	203-1.3	Test Report and Certification	Specific language/ info required on certified test reports.
9	Liquid Asphalt	203-2.2	Test Report and Certification	Specific language/Info required on certified test reports.
10	Microsurfacing Emulsion (MSE)	203-3.5	Certificate of Compliance	With each load. Must also submit test data upon request.

11	Latex	203-10.2.2	Latex	Specific language/info required on the COC.
12	Asphalt Rubber Hot Mix (ARHM)	203-11.2.3.1	Materials	Must also submit test reports with the COC.
13	Crumb Rubber Modifier (CRM)	203-11.2.3.1	General (Crumb Rubber Modifier)	Specific language/info required on the COC.
14	Treated Wood	204-2.4	Quality Control	Specific language/info required on the COC.
15	Structural Steel, Rivets, Bolts, Pins	206-1.1.2	Certification	Specific language/info required on certified test reports.
16	Gray Iron and Ductile Iron Castings	206-3.4.2.1	General (Tensile Testing)	Must also submit test reports with the COC.
17	Gray Cast Iron Castings	206-3.4.2.2.	Gray Cast Iron Castings	Specific language/info required on the COC. Must also submit certified test results.
18	Ductile Iron Castings	206-3.4.2.3	Ductile Iron Castings	Specific language/info required on the COC. Must also submit certified test results.
19	Corrugated Steel Pipe, Pipe Arches	207-11.2.1	General (Materials)	
20	Structural Steel Products	207-12.2.1	General (Materials)	Specific language/info required on the COC.
21	Structural Aluminum Products	207-14.2.1	General (Materials)	Specific language/info required on the COC.
22	PVC Pipe	207-17.4.1	General (Test Requirements)	
23	Polypropylene Pipe	207-25.6.1	General (Man. Facility Testing)	
24	Materials used in Sewers	211-2	Chemical Resistance (Pickle Jar) Test	Specific language/info required on the COC.
25	Viscometer Calibration	211-4.2	Calibration	
26	Engineering Geosynthetics	213-1	General (Engineering Geosynthetics)	Specific language/info required on the COC.
27	Traffic Paint, Thermo and Markers	214-2	Test Reports and Certificate of Compliance	Specific language/info required on the certified test reports or COC.
28	Precast Reinforced	216-8	Basis of Acceptance	

	Concrete Box			
29	Fiberglass Standards	700-3.3.4	Fiberglass Standards	Specific language/info required on the COC and test reports.
30	Conductors for Series Circuits, 5000V	700-4.2.2	Conductors for Series Circuits	
31	Conductors and Cable	700-5.3.1	General (Conductors and Cable)	
32	Lamp Receptacle Conductors	700-5.5.7	Electrical Components	COC Required, if required information is not marked on the insulation
33	LED Signal Modules	700-5.5.11.8	Certificate of Compliance	
34	LED Pedestrian Signal Module	700-5.6.6.7	Certificate of Compliance	

The Contractor shall provide the Engineer with a summary of batched material(s) incorporated into an item of Work that require a Certificate of Compliance of any one or more components (asphalt, cement, etc). The summary shall contain information at a minimum identifying the project, project number, location, delivery ticket numbers, mix identification and material Certificate of Compliance number. Delivery tickets of batched material shall contain a reference or code number linking it to the material Certificate of Compliance number. The summary shall be submitted to the Engineer within 5 working days of placement of the material.

4-6 TRADE NAMES OR EQUALS.

➤ ADD THE FOLLOWING:

Where a specific manufacturer is noted on the Plans or listed in the Specifications, unless otherwise noted, an “approved equal” item may be substituted. If a Bidder desires to bid an “approved equal” item, the Bidder shall submit a request for a substitution of an “approved equal” item to the Engineer in writing no later than twenty (20) calendar days prior to intended use.

SECTION 5 – LEGAL RELATIONS AND RESPONSIBILITIES

5-1 LAWS AND REGULATIONS.

➤ ADD THE FOLLOWING:

Contractor shall possess a Class A General Construction license as issued by the Contractor’s State Licensing Board. The Contractor shall be registered with the California Department of Industrial Relations.

The Contractor and all Subcontractors shall obtain a City of Victorville Business License, available from the Development Department, Business License Division, prior to the start of the Work. The application and fee schedule is available online at:

<https://energov.victorvilleca.gov/energovprod/citizenaccess/site/public/main>

5-3 LABOR.

5-3.3 Payroll Records.

➤ REPLACE THE FIRST PARAGRAPH WITH THE FOLLOWING:

The Contractor shall submit certified payroll records directly to the DIR using the online eCPR system per the *Instructions to Bidders*. The Contractor shall provide a copy of each submission confirmation to the Engineer with each application for payment.

5-3.4 Hours of Labor.

➤ ADD THE FOLLOWING AFTER THE FIRST PARAGRAPH OF 5-3.4:

Normal working hours shall be between 7:00 a.m. and 5:00 p.m., Monday through Friday. The Engineer shall approve in writing any deviations in working hours. In the event that the Contractor's operations require the Engineer or his representative to work more than 8 hours in any given day, or more than 40 hours in any given week, or on any Saturday, Sunday, or Legal Holiday, the Contractor shall pay an amount equal to the cost of wages and fringe benefits for the hours required. Such an amount shall be charged as an incidental cost against the Contract as a credit contract change order.

5-4 INSURANCE

➤ DELETE THE TEXT IN ITS ENTIRETY AND REPLACE WITH THE FOLLOWING:

5-4.1 General. The Contractor shall procure and maintain, for the duration of the contract, insurance against claims for injuries to persons or damages to property that may arise from or in connection with the performance of the work here under by the Contractor, their agents, representatives, employees, or Subcontractors.

5-4.2 Minimum Scope of Insurance. Coverage shall be at least as broad as:

- a) Insurance Services Office Commercial General Liability coverage (occurrence form CG 0001),
- b) Insurance Services Office form number CA 0001 (Ed. 1/87) covering Automobile Liability, Code I (any auto),
- c) Workers' Compensation insurance as required by the State of California and Employer's Liability Insurance,
- d) Course of Construction/Inland Marine Insurance for Work on Site. The Contractor shall purchase and maintain insurance to the full contract and insurable value thereof, commonly referred to a Course of Construction, Builders' Risk, or an Inland Marine policy that offers "Installation" coverage.

5-4.3 Minimum Limits of Insurance. Contractor shall maintain limits no less than:

- a) **Comprehensive General and Automobile Liability Insurance.** Contractor shall procure and maintain at its own expense, during the term of this Agreement, comprehensive general liability insurance, of not less than One Million Dollars (\$1,000,000.00) per occurrence, and Two Million Dollars (\$2,000,000) in the aggregate, for bodily injury, personal injury, death, loss, or damage resulting from the wrongful or negligent acts by the Contractor or its officers, employees, servants, volunteers, and agents, and independent contractors. Contractor shall further procure and maintain, at its own expense, during the Term of this Agreement, Commercial Vehicle Liability Insurance covering person injury and property damage, of not less than One Million Dollars (\$1,000,000) combined single limit, covering any vehicle utilized by Contractor or its officers, employees, servants, volunteers, or agents and independent contractors in performing the services required by this Agreement.
- b) **Workers' Compensation Insurance.** Contractor shall procure and maintain at its' own expense, during the Term of this Agreement, Workers' Compensation Insurance, providing coverage as required by the California State Workers' Compensation Law.

1. If any class of employees employed by the Contractor, pursuant to this Agreement is not protected by the California State Workers' Compensation Law, Contractor shall provide adequate insurance for the protection of such employees to the satisfaction of the City of Victorville.
2. Course of Construction/Inland Marine Insurance. Completed Value of the Work including owned, leased, and rented equipment. This insurance shall include the interest of the City, its officers, officials, employees, agents, and volunteers. Contractor and Subcontractors and will cover their Work at the site and all materials, supplies, equipment, machinery and apparatus entering into the construction of the Work site.

5-4.4 Deductibles and Self-Insured Retention. Any deductibles or self-insured retention must be declared to and approved by the City of Victorville. At the option of the City of Victorville, either the insurer shall reduce or eliminate such deductibles or self-insured retention that pertains to the City of Victorville, its officers, officials, employees and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

5-4.5 Other Insurance Provisions.

- a) The general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:
 - 1) Notwithstanding any inconsistent statement in any required insurance policies or any subsequent endorsements attached thereto, the protection offered by all policies, except for Workers' Compensation coverage, shall bear an endorsement whereby it is provided that, the City of Victorville, its officers, employees, servants, volunteers, and agents and independent contractors, including, without limitation, the City of Victorville Attorney, are named as Additional Insured's. The coverage shall contain no special limitations on the scope of protection afforded to the City of Victorville, its officers, officials, employees, agents or volunteers.
 - 2) Contractor shall require the carriers of all required insurance policies to waive all rights of subrogation against the City of Victorville, its officers, volunteers, employees, contractors, and Subcontractors.
 - 3) For any claims related to this Work, the Contractor's insurance coverage shall be primary insurance as respects the City of Victorville, its officers, officials, employees, agents and volunteers. Any insurance or self-insurance maintained by the City of Victorville, its officers, officials, employees, agents, or volunteers shall be excess of the Contractor's insurance and shall not contribute with it.
 - 4) Any failure to comply with reporting or other provisions of the policies, including breaches of warranties, shall not affect coverage provided to the City of Victorville, its officers, officials, employees, agents or volunteers.
 - 5) The Contractor's insurance shall apply separately to each insured against whom a claim is made or suit is brought, except with respect to the limits of the insurer's liability.
 - 6) Each insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, canceled by either party, reduced in coverage or in limits, except after thirty (30) days prior written notice, by certified mail return receipt requested, has been given to the City of Victorville. In the case of non-payment, ten (10) days' advance written notice shall be given.
- b) Course of Construction Policies Shall Contain the Following Provisions
 - 1) City of Victorville shall be named as loss payee

- 2) Notwithstanding any inconsistent statement in any required insurance policies of any subsequent endorsements attached thereto, the protection offered by all policies, except for Workers' Compensation coverage, shall bear an endorsement whereby it is provided that, the City of Victorville and its officers, employees, servants, volunteers, and agents and independent contractors, including, without limitation, City of Victorville Attorney, are named as Additional Insured's
- 3) Contractor shall require the carriers of all required insurance policies to waive all rights of subrogation against the City of Victorville and its officers, volunteers, employees, Contractors and Subcontractors

5-4.6 Acceptability of Insurers. Insurance is to be placed with insurers that have a current A.M. Best's rating of no less than A:VII.

5-4.7 Verification of Coverage. Contractor shall furnish the City of Victorville with original endorsements effecting coverage required by this clause. The endorsements are to be signed by a person authorized by that insurer to bind coverage on its behalf. All endorsements are to be received and approved by the City of Victorville before work commences. As an alternative to City of Victorville's forms, the Contractor's insurer may provide complete, certified copies of all required insurance policies, including endorsements affecting the coverage required by these specifications.

5-4.8 Subcontractors. The Contractor shall include all Subcontractors as insured under the policies, or shall furnish separate certificates and endorsements for each Subcontractor. All coverage for Subcontractors shall be subject to all of the requirements stated herein.

5-7 SAFETY.

5-7.1.1 General.

- REPLACE THE SECOND PARAGRAPH WITH THE FOLLOWING:

The Contractor shall provide safety equipment, material, and assistance to the Engineer to properly inspect all phases of the Work, including final inspection. Such equipment, material, and assistance shall include, but not limited to testing for the presence of explosive or toxic gases and oxygen deficiency in confined spaces, blowers, ventilators, first aid supplies and equipment, ladders, scaffolds, shoring, harnesses, self contained breathing apparatus, and personnel for standby assistance, as required. Personal protective equipment, such as hard hats, safety glasses, traffic vests, and earplugs are not subject to these provisions.

5-7.1.2 Work Site Safety Official.

- ADD THE FOLLOWING:

The Contractor shall immediately notify the Engineer of any changes in assigned personnel or phone numbers.

- ADD THE FOLLOWING NEW SUBSECTION 5-7.1.3:

5-7.1.3 Safety Vests. Personnel shall wear safety vests at all times.

- ADD THE NEW SUBSECTION 5-7.1.4 AS FOLLOWS:

5-7.1.4 Safety, Sanitary, and Medical Requirements. The Contractor, its employees, his Subcontractors, and their employees, shall promptly and fully carry out the existing safety, sanitary, and medical requirements as prescribed by the Division of Industrial Safety and by County or State Health Departments to ensure proper work shall be done, and the safety and health of the employees and of the community may be conserved and safeguarded. In case such regulations and orders are not observed by the Contractor, they may be enforced by the Engineer at the Contractor's expense.

5-7.7 Security and Protective Devices.

➤ ADD THE FOLLOWING NEW SUBSECTION 5-7.7.3:

5-7.7.3 Temporary Railing. The Contractor shall install temporary railing (Type K) between a lane open to public traffic and an excavation, obstacle, or storage area when the following conditions exist:

- a) **Excavations.** The near edge of the excavation is 12 feet or less from the edge of the lane, except:
 - i) Excavations covered with sheet steel or concrete covers of adequate thickness to prevent accidental entry by traffic or the public.
 - ii) Excavations less than one foot deep.
 - iii) Trenches less than one foot wide for irrigation pipe or electrical conduit, or excavations less than one foot in diameter.
 - iv) Excavations parallel to the lane for the purpose of pavement widening or reconstruction.
 - v) Excavations in side slopes, where the slope is steeper than 4:1 (horizontal: vertical).
 - vi) Excavations protected by existing barrier or railing.
- b) **Temporarily Unprotected Permanent Obstacles.** The Work includes the installation of a fixed obstacle together with a protective system, such as a sign structure together with protective railing, and the Contractor elects to install the obstacle prior to installing the protective system; or the Contractor, for the Contractor's convenience and with permission of the Engineer, removes a portion of an existing protective railing at an obstacle and does not replace such railing complete in place during the same day.
- c) **Storage Areas.** Material or equipment is stored within 12 feet of the lane and the storage is not otherwise prohibited by the provisions of the Standard Specifications and the Special Provisions.

The approach end of temporary railing shall be offset a minimum of 15 feet from the edge of the traffic lane open to public traffic. The temporary railing shall be installed on a skew toward the edge of the traffic lane of not more than one foot transversely to 10 feet longitudinally with respect to the edge of the traffic lane. If the 15-foot minimum offset cannot be achieved, the temporary railing shall be installed on the 10:1 skew to obtain the maximum available offset between the approach end of the railing and the edge of the traffic lane, and an array of temporary crash cushion modules shall be installed at the approach end of the temporary railing.

Approach Speed of Public Traffic (Posted Limit)	Work Areas
Over 45 MPH	Within 6 feet of a traffic lane but not on a traffic lane
35 to 45 MPH	Within 3 feet of a traffic lane but not on a traffic lane

Except for installing, maintaining, and removing traffic control devices, whenever work is performed or equipment is operated in the following work areas, the Contractor shall close the adjacent traffic lane unless otherwise provided in the Standard Specifications and the Special Provisions:

The lane closure provisions of this section shall not apply if a permanent or temporary railing or barrier protects the work area.

When traffic cones or delineators are used to delineate a temporary edge of a traffic lane, the line of cones or delineators shall be considered the edge of the traffic lane, however, the Contractor shall not reduce the width of an existing lane to less than 10 feet without written approval from the Engineer.

When work is not in progress on a trench or other excavation that required closure of an adjacent lane, the traffic cones or portable delineators used for the lane closure shall be placed off of and adjacent to the edge of the traveled way. The spacing of the cones or delineators shall be not more than the spacing used for the lane closure.

Suspended loads or equipment shall not be moved nor positioned over public traffic or pedestrians.

SECTION 6 – PROSECUTION AND PROGRESS OF THE WORK

6-1 CONSTRUCTION SCHEDULE AND COMMENCEMENT OF THE WORK.

6-1.1 Construction Schedule

➤ REPLACE THE SECOND SENTENCE OF THE FIRST PARAGRAPH WITH THE FOLLOWING:

The construction baseline schedule shall be developed using the Critical Path Method presented in the form of a tabulation, chart, or graph and shall be in sufficient detail to show chronological relationship of all activities of the Work.

➤ ADD THE FOLLOWING AFTER THE FIRST PARAGRAPH:

The construction schedule shall reflect the following:

- Show workflow activities from the Notice to Proceed to the end of Contract Time
- Show all workflow activities required to complete the Work
- Clearly show critical path workflow activities
- Include approved Change Orders & Time Extensions
- Include procurement related activities
- Show appropriate time allowances for Work performed by City personnel or other agencies
- Include 15 working days for submittal submission and review
- Include 5 working days for generation of the Punch list

Comments made by the Engineer on the schedule during review will not relieve the Contractor from compliance with requirements of the Contract.

Monthly progress payments are contingent upon the submittal of an updated schedule to the Engineer.

➤ ADD THE FOLLOWING AT THE END OF THE LAST PARAGRAPH:

The Contractor shall submit an updated construction schedule at each construction meeting or at the request of the Engineer.

Payment for the preparation and maintenance of the Construction Schedule shall be incorporated into all items of Work. Failure of the Contractor to provide monthly updates of the Construction Schedule will result in a withholding, the lesser of \$10,000.00 or 10% of the progress payment.

6-1.2 Commencement of the Work.

➤ ADD THE FOLLOWING BEFORE THE FIRST PARAGRAPH:

The Notice to Proceed will be issued at the pre-construction meeting.

➤ ADD THE FOLLOWING:

The Contractor shall not begin work at the project site, except for measuring controlling field dimensions, until the following submittals are received and approved by the Engineer.

1. Baseline Schedule (Critical Path Method) per 6-1.1.
2. Storm Water Pollution Prevention Plan (SWPPP) or Water Pollution Control Plan (WPCP) per 3-12.6.
3. Notice of Materials to Be Used (Submittals per 3-8).
4. Temporary Traffic Control Plan per Section 600.

6-1.3 Pre-Construction Meeting.

- ADD THE FOLLOWING NEW SUBSECTION 6-1.3:

A pre-construction meeting will be held at City Hall prior to the start of construction. The Contractor shall submit the construction schedule to the Engineer a minimum of one week prior to this meeting or 2 weeks after contract award, whichever comes first. The Contractor shall provide all other required submittals prior to the pre-construction meeting.

6-2 PROSECUTION OF WORK.

- ADD THE FOLLOWING BEFORE THE FIRST PARAGRAPH:

The order of work shall be scheduled to minimize interruptions to traffic and business operations and shall be arranged with the Engineer prior to starting Work. The Contractor shall notify all affected business and property owners a minimum of 5 days prior to the start of work.

6-3 TIME OF COMPLETION.

6-3.2 Contract Time Accounting.

- REPLACE THE SECOND SENTENCE WITH THE FOLLOWING:

These determinations will be discussed and the Contractor will be furnished a Weekly Statement of Working Days showing the allowable number of Working Days of Contract time, as adjusted, at the beginning of each reporting week.

- ADD THE FOLLOWING NEW SUBSECTION 6-3.3:

6-3.3 Additional Requirements. Unless otherwise specified, the Contractor shall perform no Work on days other than Working Days, or outside of normal working hours as stated in the Special Provisions without the consent of the Engineer. In any event, all Work shall be subject to approval of the Engineer. Before starting such work, the Contractor shall make arrangements with the Engineer for the continuous or periodic inspection of the Work and tests of materials, when necessary. If the Contractor requests permission to work outside of the above time periods and if the City grants such request, the Contractor shall pay all extra expense to the City for inspection and other incidental expenses caused by such overtime work. If the City requests the Contractor to work overtime or if overtime work is specifically required by these Specifications, the City will pay all extra expense of inspection. If the Contractor finds it necessary, in order to complete the Work according to schedule, to perform certain of its operations outside of the defined Working Days or normal working hours, these operations shall be performed as part of the Work included in the Contract Price and shall not constitute a basis for additional payments.

6-4 DELAYS AND EXTENSIONS OF TIME.

6-4.2 Extensions of Time.

- ADD THE FOLLOWING AFTER THE FIRST PARAGRAPH:

A time impact analysis (TIA) will be required to grant each Extension of Time prepared by the Contractor. The TIA must evaluate the controlling operations including a clear narrative easy to read and follow of how critical path items of Work are impacted by the cause of the delay. If the Contractor chooses to postpone the submittal of a TIA until the end of the project, a request in writing must be submitted to the Engineer. Failure of the Contractor to provide a TIA will result in a withholding from progress payments the lesser of \$10,000 or 10% of the progress payment and/or postponement of Project Retention release.

6-7 TERMINATION OF THE CONTRACT FOR DEFAULT.

- REPLACE THE TEXT OF 6-7.1 WITH THE FOLLOWING:

6-7.1 General. If, prior to the acceptance of the Work, the Contractor:

- a) becomes insolvent, assigns its assets for the benefit of its creditors, is unable to pay its debts as they become due, or is otherwise financially unable to complete the Work,
- b) abandons the Work by failing to report to the Work site and diligently prosecute the Work to completion,
- c) disregards written instructions from the City or materially violates provisions of the Contract Documents,
- d) fails to prosecute the Work according to the schedule approved by the Engineer,
- e) disregards laws or regulations of any public body having jurisdiction, or
- f) commits continuous or repeated violations of regulatory or statutory safety requirements, then the Agency will consider the Contractor in default of the Contract.

Notices, and other written communications regarding default between the Contractor, the City, and the Surety shall be transmitted in accordance with 5-2.

➤ REPLACE THE TEXT OF 6-7.2 WITH THE FOLLOWING:

6-7.2 Notice to Cure. The City will issue a written notice to cure the default to the Contractor and its Surety. The Contractor shall commence satisfactory corrective actions within 5 Working Days after receipt.

➤ REPLACE THE TEXT OF 6-7.3 WITH THE FOLLOWING:

6-7.3 Notice of Termination for Default. If the Contractor fails to commence satisfactory corrective action within 5 Working Days after receipt of the notice to cure, or to diligently continue satisfactory and timely correction of the default thereafter, then the City will consider the Contractor in default of the Contract and:

- a) will terminate the Contractor's right to perform under the Contract by issuing a written notice of termination for default to the Contractor and its Surety,
- b) may use any materials, equipment, tools or other facilities furnished by the Contractor to secure and maintain the Work site, and
- c) may furnish labor, equipment, and materials the City deems necessary to secure and maintain the Work site.

The provisions of this subsection shall be in addition to all other legal rights and remedies available to the City for Contractor's default.

6-8 TERMINATION OF THE CONTRACT FOR CONVENIENCE.

➤ DELETE THE ENTIRE SECTION AND REPLACE IT WITH THE FOLLOWING:

a. The City may, by providing thirty (30) days' advance written notice to Contractor, terminate the Contract in whole or in part, whenever the City shall determine that such termination is in the best interests of the City, or when it becomes impracticable or impossible to proceed, or because of conditions or events beyond the control of the City. Any such termination shall be effected by delivery to Contractor of a Notice of Termination for Convenience, specifying the extent to which performance of Work under this Agreement is terminated, and the date upon which such termination becomes effective. Upon such termination, the obligations of the Contractor for portions of the Work already performed shall continue.

b. Upon receipt of a Notice of Termination for Convenience, the Contractor shall, unless the notice directs otherwise, do the following:

- (1) Immediately discontinue the Work to the extent specified in the notice.
- (2) Place no further orders or subcontracts for materials, equipment, services, or facilities, except as may be necessary to complete such portion(s) of the Work that are not to be discontinued.

- (3) Promptly cancel, on the most favorable terms reasonably possible, all subcontracts to the extent that they relate to the performance of the discontinued portion of the Work.
- (4) Thereafter do only such Work as may be necessary to preserve and protect the Work already in progress and to protect materials, plants, and equipment on the Project site or in transit thereto.

c. Upon such termination, the Contractor will be paid without duplication for:

- (1) Work completed in accordance with the Contract Documents prior to the effective date of the Notice of Termination for Convenience;
- (2) Reasonable costs incurred in settlement of terminated contracts with Subcontractors, suppliers and others; and
- (3) Reasonable expenses directly attributable to termination.

The Contractor shall submit a final termination settlement proposal to the City no later than ninety (90) days from the effective date of termination, unless extended in writing by the City, upon written request by the Contractor. If the Contractor fails to submit a proposal, the City may determine the amount, if any, due the Contractor as a result of the termination. The City will pay the Contractor the amount it determines is reasonable. If the Contractor disagrees with the amount determined by the City as being reasonable, the Contractor shall provide notice to the City within thirty (30) Days of receipt of payment. Any amount due shall be subject to the dispute resolution provisions set forth in the Contract Documents.

d. Contractor shall include provisions in all of its subcontracts, purchase orders and other contracts permitting termination for convenience by Contractor on terms that are consistent with the Contract and that afford no greater rights of recovery against Contractor than are afforded to Contractor under this Section 6-8.

6-9 LIQUIDATED DAMAGES.

➤ REPLACE THE THIRD SENTENCE OF THE FIRST PARAGRAPH WITH THE FOLLOWING:

For each consecutive calendar day in excess of the times specified for completion of the Work, as adjusted in accordance with 6-4, the Contractor shall pay to the Agency, or have withheld from monies due it, the sum of \$10,000.

➤ REPLACE THE FIRST SENTENCE OF THE SECOND PARAGRAPH WITH THE FOLLOWING:

Execution of the Contract shall constitute agreement by the Agency and the Contractor that \$10,000 per day is the minimum value of the costs and actual damage caused by the failure of the Contractor to complete the Work within the allotted time.

SECTION 7 – MEASUREMENT AND PAYMENT

➤ CHANGE THE FOLLOWING:

7-2 LUMP SUM & FINAL PAY WORK.

➤ ADD THE FOLLOWING AFTER THE FIRST PARAGRAPH:

Items for which approximate quantities are indicated by “Final Pay” or “(F)” shall be paid for at the price indicated in the Bid Proposal. Minor variations of lay lines, areas, or unit quantity required to complete the scope of Work as determined necessary by the Contractor in excess of the City provided estimated quantities listed in the Bid Proposal shall be paid for at the Total Cost per the Bid Item. Such payment shall be full compensation for the items of work appurtenant thereto. Should a change in the character of work or significant variations of lay lines, areas, or unit quantities be approved in writing by the Engineer prior to the execution of Work affected exceed the estimated unit quantity occur, an adjustment of the unit quantity will be made on the basis of mutual agreement by the Contractor and the Engineer except as otherwise specified in 7-3.5.2. Should a change initiated by the Agency cause

a significant reduction in the scope of work or unit quantity occur, the Contractor shall be paid by the number of units completed except as otherwise specified in 7-3.5.3.

7-3 PAYMENT.

7-3.1 General.

➤ ADD THE FOLLOWING BEFORE THE FIRST PARAGRAPH:

The quantities listed in the Proposal will not govern final payment. Payment to the Contractor will be made only for actual quantities of Contract items constructed in accordance with the Contract Documents. Upon completion of the Work, if the actual quantities show either an increase or decrease from the quantities in the Proposal, the Contract Unit Prices will prevail except as otherwise specified in 7-2, 7-3.5 or the Special Provisions.

➤ ADD THE FOLLOWING TO THE END OF THE FIRST PARAGRAPH:

When an item of Work is not listed in the "Bid Proposal," the cost of such Work shall be considered a supplementary obligation of the Contractor and included in the cost of the other work that is listed.

➤ REPLACE THE SECOND SENTENCE OF THE SECOND PARAGRAPH WITH THE FOLLOWING:

This includes rejected material not unloaded from vehicles, material rejected prior to installation, material rejected after it has been placed, and material placed outside of the Plan lines.

➤ REPLACE THE LAST SENTENCE OF THE SIXTH PARAGRAPH WITH THE FOLLOWING:

Responsibility of ownership shall remain with the Contractor, who shall be obligated to store any fully or partially completed work or structure for which payment has been made, or replace any materials or equipment required to be provided under the Contract which may be damaged, lost, stolen or otherwise degraded in any way prior to acceptance of the Work, except as otherwise specified in 6-5 or the Special Provisions.

➤ ADD THE FOLLOWING TO THE LAST PARAGRAPH:

At project completion, the Prime Contractor shall submit an original wet signed and completed Final Report-Utilization of Disadvantaged Business Enterprises (DBE) and First-Tier Subcontractors form and unconditional releases from each subcontractor listed in the Subcontracting Request form at the completion of the project prior to the release of retention. Conditional releases may be acceptable at the discretion of the City Engineer. If the Prime Contractor cannot provide conditional releases, joint checks will be issued to the to both the Prime Contractor and subcontractor.

➤ ADD THE FOLLOWING AFTER THE LAST PARAGRAPH:

The Prime Contractor is responsible for receiving and immediately providing a Certificate of Compliance for all delivered materials to be incorporated into the Work to the Engineer. If a Certificate of Compliance is not received and accepted by the Engineer or Public Works Inspector, the material cost for items incorporated into the Work by the Contractor required by the Standard Specifications or Special Provisions shall be withheld from progress payments. If a Certificate of Compliance is not received for material incorporated into the Work at the completion of the project from the Prime Contractor, then the cost for the material shall not be paid.

7-3.2 Partial and Final Payment.

➤ REPLACE THE FIRST SENTENCE OF THE FIRST PARAGRAPH WITH THE FOLLOWING:

The closure date for monthly progress payment applications shall be the 20th day of each month.

7-3.3 Delivered Materials.

- REPLACE THE TEXT OF 7-3.3 WITH THE FOLLOWING:

The cost of materials and equipment delivered and not incorporated into the Work will not be included in the monthly progress payment.

7-3.4 Mobilization.

- ADD THE FOLLOWING BEFORE THE FIRST SENTENCE:

Payment for mobilization will be made as follows:

When the monthly partial payments estimate of the amount earned, not including the amount for “Mobilization and Demobilization,” is 5 percent or more of the original contract amount, 40 percent of the contract item price for “Mobilization and Demobilization” will be included in the first monthly estimate payment.

Thereafter, 40 percent of the contract item price for “Mobilization and Demobilization” will be paid over the remainder of the contract duration in equal monthly progress payment.

After acceptance of the performance of the Contract, payment will be made for the remaining 20 percent of the contract item price for “Mobilization and Demobilization.”

7-3.5 Contract Unit Prices.

7-3.5.2 Increases of More Than 25 Percent.

- ADD THE FOLLOWING AFTER THE FIRST PARAGRAPH:

If the compensation payable for the number of units of an item of work performed in excess of 125 percent of the Engineer’s estimate is less than \$5,000 at the applicable Contract Unit Price, the Engineer reserves the right to make no adjustment in said unit price. An adjustment may be made if requested in writing by the Contractor. The Contractor’s request shall be accompanied by adequate, detailed data to support costs of the item.

- ADD THE FOLLOWING NEW SUBSECTION 7-3.9:

7-3.9 Final Pay Quantity. When the estimated quantities for a specific portion of the Work are designated in the Bid Proposal as final pay quantities, these estimated quantities shall be the final quantities for which payment for that specific portion of the work will be made. If the dimensions are revised and such revisions result in an increase or decrease in the quantities of such work, the final quantities for payment will be revised in the amount represented by the changes in the dimensions. The estimated quantities for such specific portion of the Work shall be considered as approximate only, and no guarantee is made that the quantities which can be determined by computations, based on the details and dimensions shown on the plans, will equal the estimated quantities. No allowance will be made in the event that the quantities based on computations do not equal the estimated quantities.

7-4 PAYMENT FOR EXTRA WORK.

7-4.2 Time and Material Basis for Establishing Costs.

- REPLACE THE SUBSECTION 7-4.2 TITLE AS INDICATED.

7-4.2.3. Tool and Equipment Rental

- ADD THE FOLLOWING AFTER THE LAST PARAGRAPH.

The lowest rate of either the Contractor’s rental equipment rate or the cost specified in the current Caltrans Labor Surcharge & Equipment Rental Rate Book (<http://www.dot.ca.gov/hq/construc/equipmnt.html>) will be used. The Contractor is entitled to transportation costs on top of the standard rental rate based on his actual costs. No markup is allowed

on transportation costs. Transportation costs to move equipment may only apply if the equipment used for the extra work and was not required for any other Contract Unit Prices.

7-4.3 Markup.

7-4.3.1 Work by the Contractor.

➤ REPLACE THE SUBSECTION TEXT IN ITS ENTIRETY AND REPLACE WITH THE FOLLOWING:

An allowance for overhead and profit of 15 percent shall be added to the Contractor's costs as determined in accordance with 7-4.2 and shall constitute the markup for all overhead and profit on Extra Work done by the Contractor. The Contractor shall also be compensated for the actual increase in the bond premium caused by the Extra Work. No markup will be allowed on the bond premium.

7-4.3.2 Work by a Subcontractor.

➤ REPLACE THE TEXT IN THE SECOND SENTENCE WITH THE FOLLOWING:

An allowance for the Contractor of 5 percent for overhead and profit shall be added to the sum of the Subcontractor's costs and markup and shall constitute the markup for all overhead and profit for the Contractor on Extra Work done by the Subcontractor.

7-4.4 Daily Reports.

➤ REPLACE THE TEXT IN THE FIRST SENTENCE OF THE FIRST PARAGRAPH AS FOLLOWS:

When the cost for the Extra Work cannot be agreed upon, the Contractor and Public Works Inspector or their designee shall submit a daily report to the Engineer on forms approved by the Agency.

➤ REPLACE THE TEXT IN THE THIRD SENTENCE OF THE FIRST PARAGRAPH AS FOLLOWS:

The Contractor's failure to sign and submit the daily report by the close of the next Working Day may waive any rights for that day.

➤ ADD THE FOLLOWING TO THE SECOND PARAGRAPH.

- a) List the names of workers, classifications, and actual hours worked.
 - i) time laborers and or operators are idle shall not be counted as hours worked.
- e) Include the vender, invoice information, number of units, unit cost and date of acquisition for actual materials used.

SECTION 8 – FACILITIES FOR AGENCY PERSONNEL

8-2 FIELD OFFICE FACILITIES.

➤ REPLACE THE SUBSECTION 8-2 TEXT WITH THE FOLLOWING:

Field office facilities designated for agency use are not required.

8-3 FIELD LABORATORIES.

➤ REPLACE THE SUBSECTION 8-3 TEXT WITH THE FOLLOWING:

Field laboratories designated for agency use are not required.

8-4 BATHHOUSE FACILITIES.

➤ REPLACE THE FIRST PARAGRAPH WITH THE FOLLOWING:

Bathhouse facilities designated for agency use are not required.

8-6 BASIS OF PAYMENT.

➤ REPLACE THE SUBSECTION 8-6 TEXT WITH THE FOLLOWING:

There will be no compensation for facilities for agency personnel.

PART 2: CONSTRUCTION MATERIALS

Construction Materials shall consist of *Part 2 – Construction Materials* of the “Greenbook” Standard Specifications for Public Works Construction, latest edition, as modified by the Construction Specifications and these Special Provisions.

SECTION 200 – ROCK MATERIALS

200-1 ROCK PRODUCTS.

200-1.1 General.

➤ ADD THE FOLLOWING:

Aggregates shall conform to the provisions in *Section 200-1* and shall be approved by the Engineer prior to use.

In accordance with the provisions of Section 20676 of the State of California Public Contract Code, all construction aggregate, sand, gravel, crushed stone, road base, fill materials, and any other mineral materials, including those used in other construction materials such as asphalt concrete and Portland cement concrete, shall be obtained from a supplier that is included on the most current Office of Mine Reclamation AB3098 List.

200-2 UNTREATED BASE MATERIALS.

200-2.1 General.

➤ ADD THE FOLLOWING:

Materials for use as the aggregate base layer of the road structural sections and concrete street surface improvements, except sidewalk, shall comply with the requirements 200-2.2 – Crushed Aggregate Base.

Materials for use as the aggregate sub-base layer of the road structural section shall comply with the requirements of 200-2.4 – Crushed Miscellaneous Base.

Materials for use as the aggregate base layer for concrete sidewalk shall comply with the requirements of 200-2.2 or 200-2.8.

➤ ADD THE FOLLOWING NEW SUBSECTION 200-2.8:

200-2.8 Natural Class 2 Aggregate Base.

200-2.8.1 General. Natural Class 2 Aggregate Base shall consist entirely of crushed rock and rock dust conforming to the requirements of 200-1.1 and 200-1.2.

200-2.8.2 Grading. The aggregate shall be uniformly graded and conform to the following gradation:

Sieve Size	Percent Passing Sieve
1"	100
¾"	87-100
No. 4	30-65
No. 30	5-35
No. 200	0-12

200-2.8.3 Quality Requirements. The material shall conform to the following:

Tests	Test Method No.	Requirement
R-Value	California 301	78 Minimum
Sand Equivalent	California 217	40 Minimum
Percentage Wear 100 revolutions 500 revolutions	ASTM C131	15 Maximum 52 Maximum
Specific Gravity	ASTM C127	2.58 Minimum

The Engineer may waive the percentage wear and specific gravity requirements, provided that the material has a minimum durability of 40 in accordance with California Test 229.

SECTION 201 – CONCRETE, MORTAR, AND RELATED MATERIALS

201-1 PORTLAND CEMENT CONCRETE.

201-1.1.2 Concrete Specified by Class and Alternate Class.

➤ ADD THE FOLLOWING:

For street surface improvements, the Class of concrete shall be 560-C-3250 for curb, integral curb and pavement, cross gutter, walk, alley aprons and curb/gutter.

201-1.1.5 Test for Portland Cement Concrete.

➤ REPLACE THE LAST PARAGRAPH WITH THE FOLLOWING:

Concrete represented by compressive strength tests that fail to meet the requirements of this subsection shall be removed from the Work.

201-2 REINFORCEMENT FOR CONCRETE.

201-2.1 General.

➤ ADD THE FOLLOWING:

Reinforcing steel shall be Grade 60 (400) billet steel for all concrete.

201-3 EXPANSION JOINT FILLER AND JOINT SEALANTS.

201-3.1 General.

➤ ADD THE FOLLOWING:

Premolded expansion joint filler shall conform to ASTM D1751 per 201-3.2 and Type “A” sealant per 201.3.4 shall be used over expansion joint fillers.

201-4 CONCRETE CURING MATERIALS.

201-4.1 General.

➤ ADD THE FOLLOWING:

The concrete curing compound for all street surface concrete shall be Type 2 – white pigmented.

201-6 CONTROLLED LOW STRENGTH MATERIAL (CLSM).

201-6.1 General.

➤ ADD THE FOLLOWING:

Unless otherwise specified in the Plans or by the Engineer, CLSM shall contain no less than a minimum of 188 lbs (2 sacks) of cement per cubic yard of slurry.

SECTION 203 – BITUMINOUS MATERIALS

203-6 ASPHALT CONCRETE.

203-6.1 General.

➤ ADD THE FOLLOWING:

Asphalt Concrete material shall conform to 203 – *Bituminous Material*.

Asphalt Concrete base course shall be ¾” maximum aggregate B-PG 64-28PM R10 per Section 203-16.

Asphalt Concrete surface course shall be ½” maximum aggregate C2-PG 64-28PM R0 per Section 203-16.

203-6.4 Asphalt Concrete Mixtures.

➤ ADD THE FOLLOWING NEW SUBSECTION 203-6.4.5:

203-6.4.5 Reinforcing Fibers for Asphalt Concrete Mixtures.

203-6.4.5.1 Definitions.

1. Reinforcing Fibers: High tensile strength aramid fiber blend specially formulated to reinforce hot mix asphalt.
2. Fiber Reinforced Asphalt Concrete (FRAC): A mixture of hot or warm mix asphalt and reinforcing fibers that has greater resistance to rutting, thermal cracking, fatigue cracking, and reflective cracking as compared to conventional non-fiber asphalt mixes.
3. Fiber Reinforced Asphalt Rubber Hot Mix (FR-ARHM): A mixture of rubberized asphalt and reinforcing fibers that has greater resistance to rutting, thermal cracking, fatigue cracking, and reflective cracking as compared to non-fiber rubberized asphalt mixes.
4. Aramid Dispersion State Ratio (ADSR): A measure of the dispersion efficiency of the Reinforcing Fibers within asphalt mixes. ADSR is calculated by comparing the mass of aramid in the individual state to the total mass of extracted aramid fibers, expressed as a percentage.

203-6.4.5.2 REFERENCES.

1. ASTM D2172, Standard Test Methods for Quantitative Extraction of Bitumen from Bituminous Paving Mixtures
2. ASTM D6433, Standard Practice for Roads and Parking Lots Pavement Condition Index Surveys.
3. AASHTO T322, Determining the Creep Compliance and Strength of Hot-Mix Asphalt (HMA) Using the Indirect Tensile Test Device.
4. AASHTO TP79, Standard Method of Test for Determining the Dynamic Modulus and Flow Number (FN) for Asphalt Mixtures Using the Asphalt Mixture Performance Tester.
5. Zeiada, W., Underwood, S., Stempihar, J., “Extraction of Aramid Fibers from Fiber Reinforced Asphalt Concrete – Special Test Method”, Arizona State University, May 11, 2016.

203-6.4.5.3 Submittals.

1. Submit the following as part of the bid package:
 - a. Representative fiber product sample.
 - b. Fiber product data sheet and certification from the Manufacturer that the fiber product supplied meets the requirements of this specification.
 - c. Manufacturer's instructions and general recommendations.
 - d. Performance results of ADSR testing from a minimum of three separate laboratory trials to validate Dispersion Efficiency.
 - e. Performance results of PCI testing from a minimum of three separate field trials to validate Cracking Resistance.
 - f. Performance results of FN testing from a minimum of three separate laboratory trials to validate Rutting Resistance.

****NOTE: Testing is NOT required on samples from the job mix, submit previously completed lab testing only.**

2. Submit a minimum of five unique project examples and references where the reinforcing fiber product was used within 250 miles of the project location.

203-6.4.5.4 Materials and Performance.

1. Reinforcing Fiber Properties
 - a. Provide a reinforcing fiber blend of Virgin Polyolefins and Virgin Aramids that meets the requirements in Table 1 and Table 2 below.

Table 1

Reinforcing Fiber Material Properties			
Property	Test Method	Polyolefin	Aramid
Form	Manufacturer Certification	Serrated	Monofilament
Nominal Specific Gravity	ASTM D276	0.91	1.44
Tensile Strength (psi)	ASTM D7269	NA ¹	400,000
Length (in)	Manufacturer Certification	0.75	0.75

1. Polyolefin fibers will melt or become plastically deformed during production

Table 2

Reinforcing Fiber Performance Properties			
Performance Measure	Test Method	Standard	Requirement
Dispersion Efficiency	Aramid Dispersion State Ratio (ADSR)	Modified ASTM D2172	≥ 85%
Field Performance Cracking Resistance	Pavement Condition Index	ASTM D6433	≥ 10 PCI Points Increase, Minimum 4

			Years
Resistance to Permanent Deformation (Rutting)	Flow Number (FN)	AASHTO TP79	≥ 75% increase

- b. FORTA-FI®, provided by the Forta Corporation, is an acceptable product and meets the performance and material properties outlined in this section.
- c. If a different aramid-based fiber blend is proposed, performance test results complying with Section D.2 below must be submitted at least two weeks prior to bid date for approval by engineer.
- d. Non-aramid fiber blends will not be considered as acceptable alternatives to this specification.

2. Performance Testing Requirements

All historical test results submitted to validate the fiber’s performance in asphalt mixes shall be from previously completed laboratory and field trials using plant-produced FRAC from a documented source only. Results from lab-produced FRAC or FRAC from an undocumented source will not be accepted. **Testing is NOT required on samples from the job mix.**

Fiber dosage rate in all submitted test reports must be equal to the rate proposed for this project. Only testing performed by an AASHTO accredited laboratory or nationally recognized university testing lab will be considered.

- a. Aramid Dispersion State Ratio (ADSR) Tests from a minimum of three (3) separate laboratory trials.
 - 1. Perform ADSR test based on modified ASTM D2172 procedures as provided in the document entitled “Extraction of Aramid Fibers from Fiber Reinforced Asphalt Concrete – Special Test Method”. A copy of the modified extraction methodology can be obtained by making an inquiry to the Pavement and Materials Laboratory at Arizona State University at NCE@asu.edu.
 - 2. To validate ADSR results, average extracted aramid fiber quantity must equal 0.007 percent by total sample weight with no individual result less than 0.005 percent of the total sample weight.
 - 3. All tested fiber mixes must achieve a minimum ADSR of 85%.

- b. Pavement Condition Index (PCI) side by side comparison from a minimum of three (3) field trails with a minimum in-service pavement age of four years.
 - 1. PCI surveys shall be performed according to ASTM D6433.
 - 2. Tests results shall include a control and a fiber reinforced pavement section. FRAC mix shall be identical to control mix except for the inclusion of fibers added at the same dosage as proposed on the project.
 - 3. In field performance sections shall be subject to the same environmental and traffic conditions. A minimum surface area of 500 yd² per FRAC and control section is required.
 - 4. PCI results from fiber sections shall show a minimum 10 PCI points greater than the control section after a minimum of 4 years.

- c. Flow Number (FN) Tests from a minimum of three (3) separate laboratory trials.
 - 1. Perform FN tests using the protocol from AASHTO TP79.

2. Tests results shall include a control and a fiber reinforced mix. FRAC mix shall be identical to control mix except for the inclusion of fibers added at the same dosage as proposed on the project.
3. Results from fiber specimens shall each show an average FN increase of at least 75% over control specimens.

203-6.4.5.5 DELIVERY, STORAGE, AND HANDLING.

1. Deliver fiber-reinforcement in sealed, undamaged containers with labels intact and legible, indicating material name and lot number.
2. Deliver fiber-reinforcement to location where it will be added to each batch or loaded into the mixer.
3. Store materials covered and off the ground. Keep sand and dust out of boxes and do not allow boxes to become wet.

203-6.4.5.6 MIXING AND PRODUCTION.

1. Add aramid and polyolefin reinforcing fiber blends at a dosage rate of one (1) pound fiber per one (1) ton of asphalt.
2. Add alternative aramid fiber blends at a rate proposed by the manufacturer that achieves the ADSR, PCI, and FN results required by Section D.
3. Have a fiber manufacturer's representative on site during mixing and production. This requirement can be waived if fiber manufacturer and asphalt producer can supply evidence of manufacturer's brand of fiber being successfully produced a minimum of three times at the asphalt plant to be used for the project.
4. Batch Plant. When a batch plant is used, add fiber to the aggregate in the weigh hopper and increase both dry and wet mixing times. Ensure that the fiber is uniformly distributed before the injection of asphalt cement into the mixture.
5. Drum Plant:
 - a. Inject fibers through the RAP collar using an automatic, metered air blown system to promote rapid and complete fiber dispersion. System must automatically record fiber addition data so as to remove human error. Rate the feeding of fibers with the rate the plant is producing asphalt mix. If there is any evidence of fiber bundles at the discharge chute, increase the mixing time and/or temperature or change the angle of the fiber feeder line to increase dry mixing time.
 - b. Manual feeding of the fibers is not allowed.
 - c. Add fibers continuously and in a steady uniform manner. Provide automated proportioning devices and control delivery within $\pm 10\%$ of the mass of the fibers required. Perform an equipment calibration to the satisfaction of the fiber manufacturer's representative to show that the fiber is being accurately metered and uniformly distributed into the mix.

Include the following with the air blown system:

- Low level indicators
- No-flow indicators
- A printout of feed rate status in pounds/minute
- A section of transparent pipe in the fiber supply line for observing consistency of flow or feed.
- Manufacturer's representative's approval of fiber addition system

203-6.4.5.7 PLACEMENT.

Follow manufacturer's and engineer's recommendations for placement of FRAC.

203-6.4.5.8 QUALITY CONTROL

1. At the discretion of the Engineer, FRAC mix from the project site may be randomly sampled for an analysis of the dispersion state of aramid fibers using the ADSR test procedure defined in Section D.2.a. If test results show ADSR < 85%, the Engineer may require the Contractor to cease operations until a correction plan has been submitted and approved.
2. Aramid Dispersion Visual Test: Collect a 10kg sample of mix from the discharge chute during first 50 tons of production. Visually assess the state of aramid fibers in the sample according to Reference 4 (Section B of this specification) and rate the sample as "Pass" or "Fail".
 - i. "Pass" = All fibers exist in an Individual State and no Undistributed Clips or Agitated Bundles of fiber are detected.
 - ii. "Fail" = One or more Undistributed Clips or Agitated Bundles are detected.
3. If a sample is rated as "Fail", adjust mixing operations to improve fiber dispersion and repeat Step 1 above.
4. If Visual Test results in three consecutive "Fail" ratings, plant mix samples should be sent to a third party laboratory for complete ADSR testing before production is allowed to commence.
5. In addition to Visual Test, use a shovel to inspect FRAC mix in the back of first three trucks and every tenth truck thereafter to confirm adequate blending of the fiber.
6. Remove any observed fiber bundles from placed mixture and adjust operations per the manufacturer's recommendation to eliminate future fiber bundle development, and repeat Steps 2 through 4 above to confirm adequate aramid fiber dispersion.

SECTION 207 – GRAVITY PIPE

207-1 NONREINFORCED CONCRETE PIPE.

➤ ADD THE FOLLOWING:

Not permitted.

207-2 REINFORCED CONCRETE PIPE (RCP).

➤ ADD THE FOLLOWING:

All RCP shall be no less than Class III or D-2000 pipe.

207-8 VITRIFIED CLAY PIPE.

➤ ADD THE FOLLOWING:

Not permitted for use in the Public Right of Way.

207-11 CORRUGATED STEEL PIPE AND PIPE ARCHES.

➤ ADD THE FOLLOWING:

Not permitted for use in the Public Right of Way.

207-13 CORRUGATED ALUMINUM PIPE AND PIPE ARCHES.

➤ ADD THE FOLLOWING:

Not permitted for use in the Public Right of Way.

207-15 ABS SOLID WALL PIPE.

➤ ADD THE FOLLOWING:

Not permitted for use in the Public Right of Way.

207-17 PVC GRAVITY PIPE.

- ADD THE FOLLOWING:

Unless otherwise specified in the Plans, the minimum PVC pipe class shall be SDR 35.

207-19 POLYETHYLENE (PE) SOLID WALL GRAVITY PIPE.

- ADD THE FOLLOWING:

Not permitted for use in the Public Right of Way.

SECTION 209 – PRESSURE PIPE

209-1 IRON PIPE AND FITTINGS.

209-1.1 Ductile Iron Pipe (DIP).

- ADD THE FOLLOWING:

All DIP pipe shall be class 350 minimum.

209-4 PVC PRESSURE PIPE.

209-4.1 General.

- ADD THE FOLLOWING:

All PVC pipe shall be class 305 minimum. C909 may be substituted for C900 PVC pipe.

209-5 HIGH-DENSITY POLYETHYLENE (HDPE) SOLID WALL PRESSURE PIPE.

- ADD THE FOLLOWING:

Not permitted for use in the Public Right of Way.

209-6 FIBERGLASS PRESSURE PIPE.

- ADD THE FOLLOWING:

Not permitted for use in the Public Right of Way.

SECTION 212 – WATER AND SEWER SYSTEM VALVES AND APPURTENANCES

212-2 FLANGED AND THREADED CONNECTIONS.

212-2.2 Flanges.

- ADD THE FOLLOWING:

All flanges shall be ductile iron.

212-2.5 Flange Coupling, and Harness Bolts, Nuts, and Washers.

212-2.5.1 Buried Ferrous or Plastic Piping Applications.

- ADD TO THE LAST PARAGRAPH:

All bolts for underground ductile iron flanges shall conform to ASTM 325A.

212-4 VALVE ACTUATORS, EXTENSIONS, AND VALVE BOXES.

212-4.2 Valve Operators for Buries or Submerged Valves.

212-4.2.3 Valve Cans and Covers for Buried Valves.

212-4.2.3.2 Materials.

- REPLACE WITH THE FOLLOWING:

All materials shall conform to the latest City of Victorville Water District Approved Materials List.

212-5 VALVES.

212-5.1 Resilient Wedge gate Valves.

212-5.1.2 Materials.

- REPLACE WITH THE FOLLOWING:

All materials shall conform to the latest City of Victorville Water District Approved Materials List.

212-5.4 Ball valves.

212-5.4.2 Materials.

- REPLACE WITH THE FOLLOWING:

All materials shall conform to the latest City of Victorville Water District Approved Materials List.

212-5.6 Air Release Valves/Vacuum, and Combination Air Valves.

212-5.6.2 Materials.

- REPLACE WITH THE FOLLOWING:

All materials shall conform to the latest City of Victorville Water District Approved Materials List.

212-6 HYDRANTS.

212-6.1 Fire Hydrants.

212-6.1.1 General.

- REPLACE THE FIRST PARAGRAPH WITH THE FOLLOWING:

Fire hydrants shall be high-pressure dry barrels with traffic break-away valve conforming to the City of Victorville Water District Approved Materials List.

212-6.1.2 Materials.

- REPLACE WITH THE FOLLOWING:

All materials shall conform to the latest City of Victorville Water District Approved Materials List

212-10 SERVICE LATERALS, METERS, AND METER BOXES.

212-10.1 Copper Tubing

- ADD THE FOLLOWING:

All copper tubing utilized in the replacement of the water service lines shall be Type K (soft) copper, color coded "Green". Contractor has the option of installing straight lengths of no more than 20-feet or utilizing coils.

All copper tubing shall meet the lead content requirement per NSF / ANSI Standard 61 of not more than 0.25 percent lead. All copper fittings and adaptors shall likewise conform to the "low lead" requirements.

212-10.2 High Density Polyethylene (HDPE) Tubing.

- DELETE THE CONTENTS OF THIS SECTION AND REPLACE IT WITH THE FOLLOWING:

HDPE tubing shall not be used.

**SECTION 214 – TRAFFIC STRIPING, CURB AND PAVEMENT MARKINGS,
AND PAVEMENT MARKERS**

214-1 GENERAL

- ADD THE FOLLOWING AFTER THE LAST PARAGRAPH:

For water service pipe replacement, the Contractor shall install plastic non-reflective pavement markers for each service line to be replaced at a location where the service line connects to the main waterline. Pavement markers shall be placed on the pavement and shall lie flush against the finished surface. The City shall approve both the type of marker and the location for placing the markers prior to installation.

214-3 GLASS BEADS

- REPLACE THE TEXT WITH THE FOLLOWING:

Glass beads shall conform to State Specification 8010-004 (Type II), AASHTO Designation M-247-11.

214-4 PAINT FOR STRIPING AND MARKINGS

214-4.1 General

- ADD TO THE LAST PARAGRAPH:

All removed, or damaged pavement striping at a minimum shall be re-applied with two coats of paint including a glass bead application, unless otherwise directed by the Engineer. All removed, or damaged pavement markings shall be re-applied with two coats of thermoplastic including a glass bead application, unless otherwise directed by the Engineer.

214-7 ADHESIVES FOR PAVEMENT MARKERS

214-7.2 Epoxy Adhesives.

214-7.2.1 General

- ADD THE FOLLOWING:

Epoxy adhesives shall be rapid-set or standard set.

SECTION 217 – BEDDING AND BACKFILL MATERIALS

217-1 GENERAL.

- ADD THE FOLLOWING AFTER THE FIRST PARAGRAPH:

Bedding material for the pipe zone backfill shall have a sand equivalent of not less than 30.

{END of PART 2}

PART 3: CONSTRUCTION METHODS

Construction Methods shall consist of applicable portions of *Part 3 – Construction Methods* section of the “Greenbook” Standard Specifications for Public Works Construction, latest edition, including but not limited to those specified herein, as modified by these Special Provisions. Referenced *Construction Materials* and *Construction Methods* subsections are thereby included in these Specifications.

SECTION 300 – EARTHWORK

Unless provided for on the Bid Proposal, earthwork as herein provided shall be considered a supplementary obligation of the Contractor.

300-1 CLEARING AND GRUBBING.

300-1.3 Removal and Disposal of Materials.

300-1.3.1 General.

- ADD THE FOLLOWING:

Burning is not permitted. No accumulation of flammable material shall remain on or adjacent to the right-of-way. The roadway and adjacent areas shall be left with a neat and finished appearance.

300-1.3.2 Requirements.

- REPLACE THE FIRST 2 SENTENCES OF 300-1.3.2 A) WITH THE FOLLOWING

Bituminous pavement shall be neatly saw cut with straight lines. Edges to be joined shall be saw cut to the full depth of the existing bituminous pavement.

- INSERT THE FOLLOWING AT THE END OF 300-1.3.2 A):

Asphalt shall be carefully removed and shall be free of dirt and debris.

Asphalt removal operations shall be performed without damage to any structure or facility that is to remain in place, and the Contractor shall, at his own expense, repair any such damage to the satisfaction of the Engineer.

- INSERT THE FOLLOWING AT THE END OF 300-1.3.2 B):

Portland cement concrete removal operations shall be performed without damage to any structure or facility that is to remain in place, and the Contractor shall, at his own expense, repair any such damage to the satisfaction of the Engineer.

- REPLACE THE FIRST SENTENCE OF 300-1.3.2 C) WITH THE FOLLOWING:

Concrete shall be removed to neatly sawed edges.

- REPLACE THE LAST SENTENCE OF 300-1.3.2 C) WITH THE FOLLOWING:

Curb and gutter shall be sawed on a neat line at right angles to the curb.

- ADD THE FOLLOWING SENTENCE TO THE END OF THE SUBSECTION:

Saw cutting for curb ramps shall be to the exterior dimensions of the proposed ramp only.

300-1.4 Payment.

- REPLACE THE FIRST SENTENCE OF THE FIRST PARAGRAPH WITH THE FOLLOWING:

The lump sum Bid price for “Clearing and Grubbing” shall include full compensation for removal and disposal of all the resulting materials, except as otherwise specified separately.

300-2 UNCLASSIFIED EXCAVATION.

300-2.1 General.

- ADD THE FOLLOWING AFTER THE FIRST SENTENCE:

If the Bid Proposal does not include a Bid item for the disposal of bituminous pavement, payment will be considered as included in the Contract Unit Price for the Bid item(s) which require earthwork and removal of surplus material.

300-2.6 Surplus Material.

- ADD THE FOLLOWING AFTER THE FIRST PARAGRAPH:

If the Bid Proposal does not include a Bid item for export (stock pile management, loading, trucking and disposal) of surplus excavated material, payment will be considered as included in the Contract Unit Price for the Bid item(s) which require earthwork (cut/fill, excavation /embankment). All surplus excavated material shall become the property of the Contractor unless stated otherwise by the Engineer.

300-2.8 Measurement.

- REPLACE THE FIRST SENTENCE OF THE SECOND PARAGRAPH WITH THE FOLLOWING:

Excavation in excess of the planned, authorized cross section or grading limits will not be paid for, except as provided in 300-3.2 and 300-2.4.

300-2.9 Payment.

- REPLACE THE FIRST SENTENCE OF THE FIRST PARAGRAPH WITH THE FOLLOWING:

Payment for unclassified excavation will be made at the Contract Unit Price per cubic yard (m³) excluding soil expansion.

- ADD THE FOLLOWING AFTER THE LAST PARAGRAPH:

Load counts of any form for the transport of soils onsite or to any location will not be accepted for the basis of any earthwork payment. At a minimum, 10% of the total bid item quantity will be withheld until the completion of work and verification of earthwork quantities by the Engineer.

300-3 STRUCTURE EXCAVATION AND BACKFILL.

300-3.1 General.

- ADD THE FOLLOWING AFTER THE FIRST PARAGRAPH:

If the Bid Proposal does not include a Bid item for export (stock pile management, loading, trucking and disposal etc) of surplus excavated material, payment will be considered as included in the Contract Unit Price for the Bid item(s) which require earthwork (cut/fill, excavation/embankment). All surplus excavated material shall become the property of the Contractor unless stated otherwise by the Engineer.

300-4 UNCLASSIFIED FILL.

300-4.7 Compaction.

- REPLACE THE FIRST PARAGRAPH WITH:

All layers of unclassified fill shall be compacted to a relative compaction of at least 95 percent.

- ADD THE FOLLOWING AFTER THE LAST PARAGRAPH:

At a minimum, a 15% shrinkage from cut soils is anticipated for this project.

Arrangements for all required compaction tests will be made by the Engineer. Compaction tests will be performed under the direction of the Engineer. The Contractor shall be liable for all expenses necessary to cover all tests that have failed to meet the requirements. Such expenses, as determined by the Engineer, shall be deducted from future payments due to the Contractor. The Contractor shall cooperate with the Engineer and shall furnish required labor and excavating equipment to aid in making compaction tests as determined by the Engineer.

300-4.10 Payment.

➤ ADD THE FOLLOWING AFTER THE LAST PARAGRAPH:

At a minimum, 10% of the total bid item quantity will be withheld until the completion of work and verification of earthwork quantities by the Engineer.

SECTION 301 – TREATED SOIL, SUBGRADE PREPARATION, AND PLACEMENT OF BASE MATERIALS

301-1 SUBGRADE PREPARATION.

301-1.3 Relative Compaction.

➤ REPLACE THE FIRST PARAGRAPH WITH THE FOLLOWING:

Subgrade material shall be compacted to a relative compaction of 95 percent to a minimum depth of one (1) foot below finished subgrade. Compaction shall be as specified in Section 211-1.

301-2 UNTREATED BASE.

301-2.3 Compacting.

➤ REPLACE THE THIRD PARAGRAPH WITH THE FOLLOWING:

The relative compaction of each layer of compacted base material shall not be less than 95 percent. Compaction in excepted areas shall be as specified in 211-1 with each layer of compacted base material having a minimum relative compaction of 90 percent.

301-1.5 Grading of Areas Not To Be Paved.

➤ ADD THE FOLLOWING AFTER THE FIRST PARAGRAPH:

The Contractor shall perform finishing activities concurrently and/or after completing all other construction activities.

Trim and shape graded areas without surfacing to smooth and uniform cross sections and slopes:

1. Between edge of shoulder and hinge point of slopes;
2. At medians.

For a graded roadbed without surfacing or pavement, trim and shape the entire roadbed to uniform cross sections and slopes.

Trim slopes of flow lines, gutters and earthen dikes without lining or surfacing to the required grade and cross section.

Do not stockpile material on finished pavement or allow material to drift across pavement. Clean finished pavement of dirt and foreign material.

Clear debris and obstructions from ditches and channels within the work area.

Clean out sewers, culverts, and other drainage facilities and appurtenant structures within the work area.

Remove debris and excess material adjacent to culverts, headwalls and endwalls, bridge ends, poles, posts, trees, or other objects and leave in a neat and orderly condition.

Remove from slopes any exposed material that might become loose such as rocks and roots.

Remove loose rock larger than 2-1/2 inches in maximum dimension from:

1. Between the edge of shoulder and hinge point of slopes;
2. Medians;
3. Finished roadbed.

Dispose of material resulting from finishing activities. If authorized by the Engineer, soil and rock resulting from finishing activities may be used along the roadway.

SECTION 302 – ROADWAY SURFACING

302-5 ASPHALT CONCRETE PAVEMENT.

302-5.4 Tack Coat.

➤ REPLACE THE FIRST SENTENCE AS FOLLOWS:

If the asphalt concrete pavement is being constructed directly upon an existing hard-surfaced pavement, a tack coat of the same asphalt concrete binder at an approximate rate of 0.25 L/m² (0.05 gallon per square yard) or SS-1h emulsified asphalt at an approximate rate of 0.25 L/m² to 0.45 L/m² (0.05 to 0.10 gallon per square yard) shall be uniformly applied upon the existing pavement preceding the placement of the asphalt concrete.

➤ CHANGE THE THIRD PARAGRAPH TO READ:

The contact surfaces of all cold pavement joints, curbs, gutters, manholes, and the like shall be painted with either Grade SS-1h emulsified asphalt or of the same asphalt concrete binder immediately before the adjoining asphalt concrete is placed.

302-5.7 Joints.

➤ ADD THE FOLLOWING:

Longitudinal joints shall coincide with traffic lane lines unless otherwise specified and approved by the Engineer.

SECTION 303 – CONCRETE AND MASONRY CONSTRUCTION

303-5 CONCRETE CURBS, WALKS, GUTTERS, CROSS GUTTERS, ALLEY INTERSECTIONS, ACCESS RAMPS AND DRIVEWAYS

303-5.4 Joints.

303-5.4.2 Expansion Joints.

➤ ADD THE FOLLOWING AFTER THE FIRST SENTENCE:

Expansion joints shall be ½ inch wide for all concrete construction.

303-5.5 Finishing.

303-5.5.2 Curb.

➤ ADD THE FOLLOWING BEFORE THE FIRST SENTENCE:

When a curb is constructed adjacent to a vehicular traffic lane, the curb shall be constructed on a minimum of 4 inches of crushed aggregate base conforming to the requirements of 200-2.2 or as specified by the Engineer.

303-5.5.3 Walk.

- ADD THE FOLLOWING BEFORE THE FIRST SENTENCE:

Crushed aggregate base 4 inches thick conforming to the requirements of 200-2.2 shall be constructed under walks unless the Contractor presents an “R” value greater than or equal to 70, or as specified by the Engineer.

- ADD THE FOLLOWING AFTER THE LAST PARAGRAPH:

Walks shall be widened locally to provide a minimum of 4 feet clear path of travel from obstructions such as utility poles, street lights, fire hydrants, signs, or as directed by the Engineer.

303-5.5.4 Gutter.

- ADD THE FOLLOWING BEFORE THE FIRST SENTENCE:

Crushed aggregate base a minimum of 4 inches thick conforming to the requirements of 200-2.2 shall be constructed under integral curb and gutters or as directed by the Engineer.

- ADD THE FOLLOWING AFTER THE FIRST SENTENCE:

After final troweling, gutters shall be given a fine-hair-broom finish.

- REPLACE THE SECOND SENTENCE WITH:

The flowline of the gutter shall be troweled smooth for a width of 2 inches (50 mm) for integral curb and gutter.

303-5.5.5 Alley Intersections, Access Ramps, and Driveways.

- ADD THE FOLLOWING BEFORE THE FIRST SENTENCE:

Crushed aggregate base conforming to the requirements of 200-2.2 shall be constructed a minimum of: 6 inches thick under residential drive approaches, 8 inches thick under commercial drive approaches & alley intersections, and 4 inches thick under access/curb ramps unless the Contractor presents an “R” value greater than or equal to 70 or as directed by the Engineer.

303-5.7 Repairs and Replacements.

- ADD THE FOLLOWING AFTER THE FIRST SENTENCE:

The removal of existing concrete shall conform to the requirements of 401.

303-5.9 Measurement and Payment.

- ADD THE FOLLOWING BEFORE THE FIRST SENTENCE:

Subgrade preparation conforming to the requirements of 301 and placement of crushed aggregate base shall be included in the Bid Proposal item for the construction of curbs, walks, gutters, cross gutters, alley intersections, access ramps, and drive approaches/driveways unless another bid item is specifically provided.

- REPLACE THE FIRST SENTENCE WITH:

Payment for subgrade preparation and the construction of concrete curbs, walks, gutters, cross gutters, alley intersections, access ramps, driveways, and crushed aggregate base will be made as shown in the Bid Proposal Form.

SECTION 306 – OPEN TRENCH CONDUIT CONSTRUCTION

306-8 PREFABRICATED PRESSURE PIPE.

306-8.9.2.3 Allowable Leakage.

- REPLACE THE ENTIRE SECTION WITH THE FOLLOWING:

No allowable leakage is permitted.

306-8.9.2.4 Test Procedure.

- REPLACE THE THIRD PARAGRAPH WITH:

The hydrostatic pressure test shall maintain 225 pounds per square inch (1552 kPa) for a two (2) hour minimum period. Following the hydrostatic pressure test, a leak test shall be performed and maintain 150 pounds per square inch (1035 kPa) for a two (2) hour minimum period. Zero pressure loss during the leak test is permitted.

- DELETE THE TENTH PARAGRAPH

- REPLACE THE ELEVENTH PARAGRAPH WITH:

The Contractor shall repair all leaks.

306-12 BACKFILL.

306-12.1 General.

- ADD THE FOLLOWING AFTER THE LAST PARAGRAPH:

Pipe zone bedding sand placed around rigid potable water pipe fittings shall be placed six (6) inches minimum above the highest fitting. Payment for bedding sand for open trench construction shall be included per the Contract Unit Price.

SECTION 314 – TRAFFIC STRIPING, CURB AND GUTTER PAVEMENT MARKINGS, AND PAVEMENT MARKERS

314-2 REMOVAL OF TRAFFIC STRIPING AND CURB AND PAVEMENT MARKINGS.

314-2.1 General.

- ADD THE FOLLOWING AFTER THE LAST PARAGRAPH:

Asphalt concrete pavement shall be considered damaged when a depression of more than 1/4 inch (6 mm) results. Damaged asphalt concrete pavement shall be patched with E-PG 64-10 asphalt concrete pavement conforming to 203-6 and 302-5 for two (2) lane roads. Damaged asphalt concrete pavement containing three (3) or more lanes shall be slurry sealed the entire width or at the direction of the Engineer. Repairs to damaged asphalt concrete pavement shall be performed at the Contractors expense.

314-4.2 Control of Alignment and Layout.

314-4.2.1 General.

- REPLACE THE SECOND PARAGRAPH WITH:

The Contractor shall layout (CAT-TRACK) the traffic striping and pavement markings in accordance with the Plan and obtain the Engineer's approval prior to application of paint or thermoplastic.

314-4.4 Thermoplastic Traffic Striping and Pavement Markings.

314-4.4.4 Application.

- REPLACE THE THIRD PARAGRAPH IN ITS ENTIRETY WITH:

Thermoplastic material for traffic striping shall be applied at a minimum thickness of 0.098 inches (98 mils). Thermoplastic material for pavement markings shall be applied at minimum thickness of 0.150 inches (150 mils).

314-4.4.5 Measurement.

- REPLACE THE SECOND SENTENCE IN THE FIRST PARAGRAPH :

A double traffic stripe, consisting of 2, 4-inch or 6-inch wide, yellow stripes, will be measured as one (1) traffic stripe.

{END of PART 3}

PART 4: EXISTING IMPROVEMENTS

EXISTING IMPROVEMENTS shall consist of *Part 4 – EXISTING IMPROVEMENTS* of the “Greenbook” Standard Specifications for Public Works Construction, 2018 edition, as modified by these Special Provisions.

SECTION 400 PROTECTION AND RESTORATION OF EXISTING IMPROVEMENTS.

400-1 GENERAL.

The Contractor shall only perform work in the specified right-of-way and for no reason store material or perform work on private property without prior written approval from the property owner. The Contractor shall not trespass on private property. The Contractor shall also travel on established roadways as shown on the provided plans.

➤ ADD THE FOLLOWING BEFORE THE FIRST SENTENCE OF THE FOURTH PARAGRAPH:

The Contractor shall give 10 Working Days written notice to occupants or owners of adjacent property to permit them to salvage or relocate plants, trees, fences, sprinklers, and other improvements within the right-of-way that are designated for removal and would be destroyed because of the work.

➤ ADD THE FOLLOWING AFTER THE LAST SENTENCE OF THE FOURTH PARAGRAPH:

Replacement planting of injured or damaged trees, shrubs, and other plants shall be completed not less than 20 Working Days prior to completion of the Work and as directed by the Engineer. Replacement plants shall be watered as necessary to maintain the plants in a healthy condition until acceptance of the contract.

➤ ADD THE FOLLOWING NEW SUBSECTION 400-1.1:

400-1.1 Removal, Relocation, or Protection of Existing Utilities. The following full text of Government Code Section 4215 shall apply:

In accordance with the provisions of Section 4215 of the California Government Code, any contract to which a public agency as defined in Section 4401 is a party, the public agency shall assume the responsibility, between the parties to the contract, for the timely removal, relocation, or protection of existing main or trunkline facilities located on the site of any construction project that is a subject of the contract, if such utilities are not identified by the public agency in the plans and specifications made a part of the invitation for bids. The agency will compensate the Contractor for the costs of locating, repairing damage not due to the failure of the Contractor or exercise reasonable care, and removing or relocating such utility facilities not indicated in the plans and specifications with reasonable accuracy and for equipment on the project necessarily idled during such work.

The Contractor shall not be assessed liquidated damages for delay in completion of the Work, when such delay was caused by the failure of the public agency or the owner of the utility to provide for removal or relocation of such utility facilities.

Nothing herein shall be deemed to require the public agency to indicate the presence of existing service laterals or appurtenances whenever the presence of such utilities on the site of the construction project can be inferred from the presence of other visible facilities, such as buildings, meter and junction boxes, on or adjacent to the site of the construction; provided, however, nothing herein shall relieve the public agency from identifying main or trunk lines in the plans and specifications.

If the Contractor while performing the contract discovers utility facilities not identified by the public agency in the contract plans or specifications, he or she shall immediately notify the public agency and utility in writing.

The public utility, where they are the owner, shall have the sole discretion to perform repairs or relocation work or permit the Contractor to do such repairs or relocation work at a reasonable price.

402-1 LOCATION.

402-1.1 General.

➤ ADD THE FOLLOWING AFTER THE FIRST PARAGRAPH:

The City and the Engineer assume no responsibility or liability with respect to the accuracy of the information provided for the location of subsurface installations as indicated on the Plans or in the work zone. Additionally, the City and Engineer are not liable for unforeseen developments, which may occur as the result of variations in the location as shown on the Plans, which may be encountered during construction.

➤ ADD THE FOLLOWING AFTER THE SECOND PARAGRAPH:

The Contractor shall notify Underground Service Alert of Southern California (USA) at (800) 227-2600.

Some utility companies that may or will have facilities located in the Work Zone are:

- Electric - Southern California Edison (800) 665-4555
- Gas - Southwest Gas Corporation (877) 860-6020
- Cable TV - Charter Communications (866) 499-8080
- Telephone - Frontier Communications (855) 504-4913
- Water - City of Victorville Water (760) 955-5001
- Sanitation - City of Victorville (760) 955-5001

➤ ADD THE FOLLOWING AFTER THE THIRD PARAGRAPH:

The Contractor shall physically locate subsurface installations below any excavation required for the Work. Every effort shall be made by the contractor to locate subsurface installations below any excavations laterally within five (5) feet of USA markings. If the subsurface installation cannot be located within this zone, the Contractor shall notify the Engineer, then contact USA and request markings be verified or corrected.

➤ ADD THE FOLLOWING AFTER THE FOURTH PARAGRAPH:

The Contractor shall locate all marked subsurface installations and identify all conflicts within a work zone. Suspending location operations within a work zone when a potential conflict is identified with one or more subsurface installations is prohibited. The Contractor shall notify the Engineer of each potential conflict as they are discovered and continue to locate mark utilities until all of them have been found in accordance with the standard specifications and these special provisions.

Upon learning of the existence and location of any utility omitted from or shown incorrectly on the Plans, the Contractor shall immediately notify the Engineer and the utility company in writing and be fully responsible for protecting such utility.

402-1.2 Payment.

➤ ADD THE FOLLOWING AFTER THE FIRST PARAGRAPH

The Contractor shall not make any claim for inconvenience, delay or added cost of performing the work which may be attributed in any degree to inaccuracy of information furnished by the City relative to the locations, sizes, dimensions, depths, and character of any pipes, conduits, poles, or other structures and utilities or for failure of the City to furnish any information relative thereto.

402-2 PROTECTION.

➤ ADD THE FOLLOWING BEFORE THE FIRST SENTENCE OF THE FIRST PARAGRAPH:

The Contractor shall be responsible for the protection of all above and below ground utilities, services and other facilities within the limits of Work whose location is known or unknown.

402-4 RELOCATION.

➤ ADD THE FOLLOWING:

The following utilities will be relocated as part of this project:

- Seventh Ave Rezone water main indicated per Plan and Specifications, WP-1431a.
- Southern California Edison overhead lines to be placed underground from STA 57+70 to STA 69+20 (Rule 20A) by others.
- Charter Communications overhead line to be placed underground from STA 57+70 to STA 69+20 by others.

402-6 Cooperation.

➤ DELETE SUBSECTION 406-6 IN ITS ENTIRETY AND REPLACE WITH THE FOLLOWING:

402-6 NOTIFICATION, COORDINATION, AND COOPERATION.

402-6.1 Notification. The Contractor shall notify the City of Victorville and the owners of all utilities and substructures not less than 48 hours prior to starting construction.

402-6.2 Coordination. The Contractor shall notify the following agencies of any street closures 48 hours prior to the start of such closure:

- a) Underground Service Alert;
- b) City of Victorville Engineering Department;
- c) City of Victorville Fire Department;
- d) San Bernardino County Sheriff;
- e) U.S. Postal Service – Notify of all areas affecting service 5 Working Days prior to construction;
- f) Victorville Transit Authority;
- g) Burrtec Waste Disposal;
- h) Southern California Edison;
- i) Southwest Gas Corporation;
- j) Frontier Communications;
- k) Charter Communications and;
- l) Other agencies as needed.

The Public Works Inspector shall be notified first to coordinate agency assistance.

402-6.3 Cooperation. The Contractor shall cooperate fully with other Contractors and all utility and public agency representatives engaged in construction, relocation, altering, or otherwise rearranging any facilities interfering with the progress of the work.

The Contractor is responsible for notifying utility companies in time to prevent delays attributable to rearrangement of the utility facilities. The Contractor shall not be entitled to damages or additional payment if such delay does occur. The Engineer will determine the extent of the delay attributable to such interference, the effect of the delay on the project as a whole, and any commensurate extension of time only.

{END of PART 4}

PART 5: PIPELINE SYSTEM REHABILITATION

Pipeline System Rehabilitation shall consist of *Part 5 – Pipeline System Rehabilitation* of the “*Greenbook*” Standard Specifications for Public Works Construction, latest edition, as modified by the Construction Specifications and these Special Provisions.

➤ RESERVED

{END of PART 5}

PART 6: TEMPORARY TRAFFIC CONTROL

Temporary Traffic Control shall consist of *Part 6 – Temporary Traffic Control* of the “Greenbook” Standard Specifications for Public Works Construction, latest edition, in its entirety, as modified by the Construction Specifications and these Special Provisions.

SECTION 600 – ACCESS

600-1 GENERAL.

➤ ADD THE FOLLOWING:

The access rights of the public shall be considered at all times. Unless otherwise authorized in writing by the Engineer prior to start of Work, traffic shall be permitted to pass through the Work, or an approved detour shall be provided by the Contractor at its own cost.

At least 10 calendar days before the start of construction, the Contractor shall notify, in writing, abutting property occupants of the proposed construction start date. A copy of said written notification shall be provided to the Engineer for approval before they are distributed to the occupants of abutting property.

Safe and adequate pedestrian zones and public transportation stops, as well as pedestrian crossings of the Work at intervals not to exceed 300 feet, shall be maintained unless otherwise authorized in writing by the Engineer prior to start of Work.

The Contractor shall cooperate with the various parties involved in the delivery of mail, the collection and removal of trash and garbage, and public transportation to maintain existing schedules of these services to the greatest extent feasible.

Unless otherwise authorized in writing by the Engineer prior to start of Work, work shall be performed in only one-half the roadway at one time. One-half shall be kept open and unobstructed until the opposite side is ready for use. If only one-half a street is being improved, the other half shall be conditioned and maintained as a detour.

The Contractor shall allow traffic to move through intersections at all times. Traffic shall be allowed to travel within the limits of the existing pavement. During construction operations, the Contractor shall use flagmen to only allow vehicles to pass through the work area when safe to do so. No single motorist shall be delayed more than five minutes as a result.

SECTION 601 – WORK AREA TRAFFIC CONTROL

601-1 GENERAL.

➤ ADD THE FOLLOWING:

The Contractor shall designate in writing a “Safety Coordinator” (Traffic Control Devices Maintenance Monitor). The name and phone number of the Contractor’s “Safety Coordinator” shall be provided to the Engineer before start of construction. The Contractor’s “Safety Coordinator” shall be available at any time from the start of construction to the completion. The Contractor shall immediately notify the Engineer of any changes in assigned personnel or phone numbers.

601-2 TRAFFIC CONTROL PLAN.

➤ DELETE THE FIRST PARAGRAPH OF 601-2 AND REPLACE WITH THE FOLLOWING:

Contractor shall prepare a detailed Traffic Control Plan (TCP) in accordance with 2-5.3 for moving traffic through or around the construction zone to assure that adequate consideration is given to the safety and convenience of motorists, pedestrians, and workers during construction. The Contractor

shall submit the TCP to the Engineer for approval prior to start of construction. The Contractor may develop an alternate TCP if a change in condition or situation arises. Such alternate plans shall be submitted to the Engineer before implementation.

- DELETE THE LAST SENTENCE OF 601-2
- ADD THE FOLLOWING NEW SUBSECTIONS 601-2.1:

601-2.1 General Requirements. The following are general temporary traffic control requirements:

- a) The Contractor shall be responsible for the installation and maintenance of the traffic control devices shown in the latest edition of the CA-MUTCD, approved TCP, and any additional traffic control devices required by the Engineer to insure the safety of the public and the workers.
- b) The Contractor shall insure that all traffic control devices are kept in their proper position at all times and repaired, replaced and cleaned as necessary to preserve their appearances and continuity.
- c) If existing traffic signs are to be removed, the Contractor shall deliver all such signs and posts to the City yard.
- d) The Engineer reserves the right to observe the TCP in use and to make any changes required by field conditions.
- e) All temporary traffic control devices shall be removed following completion of each construction stage and permanent traffic control devices shall be restored by the Contractor prior to the completion.
- f) The Contractor shall notify Victor Valley Transit Authority 10 working days prior to the start of construction if relocation of a bus stop(s) is required.
- g) The Contractor shall notify School Districts 10 working days prior to the start of construction if relocation of a school bus stop is required.

601-2.2 Street Closures, Detours, and Barricades. The Contractor shall comply with all applicable State, County, and City requirements for closure of streets. The Contractor shall provide barriers, guards, lights, signs, temporary bridges, flag-persons, and watchpersons. The Contractor shall be responsible for compliance with additional public safety requirements that may arise. The Contractor shall furnish and install signs and warning devices and promptly remove them upon completion of the Work.

At least 7 days prior to closing, partially closing, or reopening, any street, alley, or other public thoroughfare, the Contractor shall notify the Engineer in writing, in order for the Engineer to notify proper public safety and emergencies agencies.

At least 48 hours in advance of closing, partially closing or reopening, any street, alley, or other public thoroughfare, the Contractor shall notify the Police and Fire Departments and comply with their requirements. Any deviation from the above requirements must first be approved in writing by the Engineer.

- REPLACE 601-3 WITH THE FOLLOWING:

601-3 PAYMENT.

Full compensation for conforming to the provisions in this section shall be considered as included in prices paid for Temporary Traffic Control and no additional compensation will be allowed.

{END of PART 6}

PART 7: TRAFFIC SIGNAL AND STREET LIGHTING SYSTEMS

Traffic Signal and Street Lighting Systems shall consist of *Part 7 – Traffic Signal and Street Lighting Systems* of the “Greenbook” Standard Specifications for Public Works Construction, latest edition, in its entirety, as modified by the Construction Specifications and these Special Provisions.

- REFER TO CITY OF VICTORVILLE SPECIAL PROVISIONS FOR TRAFFIC SIGNAL CONTROLLER UNITS, CABINETS, AND AUXILIARY EQUIPMENT

{END of PART 7}

PART 8: LANDSCAPING AND IRRIGATION

Landscaping and Irrigation shall consist of *Part 8 – Landscaping and Irrigation* of the “Greenbook” Standard Specifications for Public Works Construction, latest edition, in its entirety, as modified by these Special Provisions.

Landscaping standards contained in the City of Victorville Community Services Irrigation and Landscape Specifications shall supersede any standard within this specification. All other work not discussed in the City Standards, but contained in the Standard Specifications within this section shall be followed.

{END of PART 8}

END of SPECIAL PROVISIONS}



SECTION B: GUARDRAIL SPECIAL PROVISIONS

SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT PROJECT 60085-60118-74428

The following Special Provisions supplement the Standard Specifications for Public Works Construction, 2021 Edition. These Special Provisions reference and replace Sections 83-1, 83-2, and 83-11 of the Caltrans Standard Specifications, 2018 edition.



Brian Gengler

BRIAN GENGLER, P.E.
CITY ENGINEER

83 RAILINGS AND BARRIERS

83-1 GENERAL

83-1.01 GENERAL

The following Special Provisions are a compilation of the applicable provisions from the 2018 Caltrans Standard Specifications, applicable Standard Special Provisions, and modifications and revisions thereto merged into the following Special Provisions which conform to the format and structure of the Caltrans Standard Specifications.

Section 83-1 includes general specifications for constructing railings and barriers.

Excavation and backfill must comply with *Section 300 of the SSPWC*.

83-1.02 MATERIALS

83-1.02A General

Not used.

83-1.02B Steel Parts and Hardware

Welding must comply with AWS D1.1. Grind welds on exposed surfaces flush with the adjacent surfaces.

Galvanize completed steel parts and hardware for railings under section 75-1.02B *of the Caltrans Standard Specifications*.

After galvanizing, the railing and barrier elements must be free of fins, abrasions, rough or sharp edges, and other surface defects and must not be kinked, twisted, or bent. If straightening is necessary, use an authorized method. Elements with kinks, twists, or bends may be rejected.

Clean and re-galvanize (1) abraded or damaged galvanized surfaces of steel rail elements and posts and (2) ends of steel rail elements cut after galvanizing. If authorized, *the Contractor shall* repair the surfaces under section 75-1.02B *of the Caltrans Standard Specifications* instead of re-galvanizing.

83-1.02C Mortar

Mortar must comply with the specifications for *Class E* mortar in *Subsection 201-5 of the SSPWC*.

83-1.02D Markers

Markers must comply with section 82 *of the Caltrans Standard Specifications*.

83-1.03 CONSTRUCTION

83-1.03A General

At locations exposed to traffic, schedule construction activities such that at the end of each day no post holes are open and no posts are installed without the blocks and rail elements assembled and mounted.

After constructing *railings, barriers, and terminal systems*, uniformly spread the surplus excavated material along the adjacent roadway where designated by the Engineer unless the material is hazardous.

83-1.03B Mortar

Cure mortar by either the water method or the curing compound method using curing compound no. 6.

83-1.03C Median Barriers.

Not used.

83-1.04 PAYMENT

Except for Midwest guardrail system and double Midwest guardrail system, the payment quantity for railings is the length measured along the face of the railing, including end and intermediate posts, with no deductions for gaps in the railing for lighting and sign supports.

83-2 METAL RAILINGS AND BARRIERS

83-2.01 GENERAL

83-2.01A General

83-2.01A(1) General

Section 83-2 includes specifications for constructing metal railings and barriers.

83-2.01A(2) Materials

Plastic blocks for Midwest guardrail systems must be on the Caltrans Authorized Material List for highway safety features,

http://www.dot.ca.gov/hq/esc/approved_products_list/pdf/highway_safety_features.pdf.

Grease used to coat the inside surfaces of foundation tubes to receive wood posts must not melt or run at a temperature of 149 degrees F.

83-2.01A(3) Construction

For Midwest guardrail systems, install posts, foundation tubes, and soil plates in soil.

83-2.01A(4) Payment

Not used.

83-2.01B Vegetation Control

Not used.

83-2.02 MIDWEST GUARDRAIL SYSTEMS

83-2.02A General

83-2.02A(1) Summary

Section 83-2.02 includes specifications for constructing Midwest guardrail systems.

83-2.02A(2) Definitions

Not used.

83-2.02A(3) Submittals

Submit 2 certified copies of mill test reports as an informational submittal for each heat of steel from which the rail elements and steel posts are formed or fabricated.

For end anchor assemblies and rail tensioning assemblies, submit:

1. 2 certified copies of the mill test reports for each manufactured length of cable used.
2. 1 sample of the cable for testing. The cable must be 39 inches in total length and must be properly fitted with a swaged fitting and right-hand thread stud at both ends as specified in section 83-2.02B(2), including a clevis if shown.

83-2.02A(4) Quality Assurance

Not used.

83-2.02B Materials

83-2.02B(1) General

83-2.02B(1)(a) General

Railing parts must be interchangeable with similar parts, regardless of the source.

83-2.02B(1)(b) Steel Components and Hardware

Workmanship for steel components and hardware must be equivalent to good commercial practice. Edges, bolt holes, and surfaces must be free of torn metal, burrs, sharp edges, and protrusions.

Fabricate the metal work in the shop. Do not punch, cut, or weld in the field.

Rail elements, end caps, and return caps must comply with AASHTO M 180 for Class A, Type I, W-beam guardrail, except within 0.5 miles of the coast the components must comply with AASHTO M 180 for Class A, Type II, W-beam guardrail.

Bolts, nuts, and other fittings must comply with AASHTO M 180.

Instead of the rolled steel section shown, the Contractor may substitute a welded section built up from structural steel plates if:

1. Depth, width, and average thicknesses of the welded section are at least equal to those of the rolled section
2. Steel plates of the welded section comply with ASTM A36/A36M
3. Flanges of the welded section are welded to the web with continuous fillet welds on each side of the web

The rail element metal must withstand a cold bend, without cracking, of 180 degrees around a mandrel of a diameter equal to 2.5 times the plate thickness.

If the radius of curvature of a rail element is 150 feet or less, shape the rail element in the shop. Stencil the radius of curvature on the back of each rail element in 2-1/2-inch-high numerals.

Fabricate steel posts from steel complying with ASTM A36/A36M.

Bolts must have shoulders of a shape that will prevent the bolts from turning. The holes in the rail elements must be of a shape similar to the bolt shoulder.

The bolted connection of the rail element to the post must withstand a 5,000-pound pull at 90 degrees to the line of the railing.

83-2.02B(1)(c) Wood Posts and Blocks

The grade and species of wood posts and blocks must be no. 1 timbers, also known as no. 1 structural, Douglas fir or no. 1 timbers Southern yellow pine. Wood posts and blocks must be graded under section 57-2.01B(2) of the *Caltrans Standard Specifications*, except allowances for shrinkage after mill cutting must not exceed 5 percent of the American Softwood Lumber Standard, PS 20, minimum sizes when installed.

Wood posts and blocks must be rough or S4S. The size tolerance of rough sawn blocks in the direction of the bolt holes must not exceed $\pm 1/4$ inch.

After fabrication, the wood posts and blocks must be pressure treated under section 57-2.01 of the *Caltrans Standard Specifications* and AWWA U1, Use Category UC4A, Commodity Specification A.

83-2.02B(1)(d) Bolt Hole Grease

Grease used to fill bolt holes in wood posts and blocks must be recommended for corrosion protection by the manufacturer. The grease must not melt or run at a temperature of 149 degrees F.

83-2.02B(1)(e) Components for Connection to a Concrete Surface

Components for connecting Midwest guardrail systems to vertical concrete surfaces, such as bridge railings, barriers, retaining walls, and abutments, must comply with the following requirements:

1. Metal box spacers and plate washers must be fabricated from steel complying with ASTM A36/A36M.
2. Metal box spacers must be fabricated from separate plates and welded or press-formed and welded.
3. HS bolts must comply with ASTM A325, A325M, or A449 or be fabricated from steel rods complying with ASTM A449. The bolts or rods must comply with the mechanical requirements in ASTM A325 or A325M after galvanizing. The nuts and washers must comply with ASTM A325 or A325M.
4. For connecting guardrail to existing bridge railings or barriers, the epoxy adhesive used in the sand and the epoxy adhesive mixture for repairing spalled or damaged areas around the anchor bolt holes must be a 2-component, commercial-quality epoxy adhesive manufactured especially for making epoxy-sand mortar.

83-2.02B(2) End Anchor Assemblies and Rail Tensioning Assemblies

Section 83-2.02B(2) applies to end anchor assemblies and rail tensioning assemblies.

Concrete used to construct the anchors for end anchor assemblies must comply with *Section 201 of the SSPWC*.

Fabricate the metal components of anchor assemblies in compliance with good shop practice.

Fabricate the anchor plates, metal plates, foundation tubes, and soil plates from steel complying with ASTM A36/A36M.

Fabricate the anchor rods from steel complying with ASTM A36/A36M, ASTM A572, or ASTM A576, Grade 1018, 1019, 1021, or 1026. Hot forge the eyes or form the eyes with CJP welds. After fabricating and before galvanizing, thermally stress-relieve anchor rods with eyes that were formed with any part of the eye below 1,600 degrees F during forming or with eyes that were closed by welding. The completed anchor rod after galvanizing must develop a strength of 50,000 pounds.

Instead of using built-up fabrication, *the Contractor* may press-form the anchor plates from steel plate with or without welded seams.

Bolts and nuts must comply with ASTM A307.

Anchor cables must be 3/4-inch, preformed 6 x 19 wire strand core or independent wire rope core, galvanized under Federal Specification RR-W-410, right regular lay, manufactured from improved plow steel with a minimum breaking strength of 23 tons. The overall length of each cable anchor assembly must be at least 6.5 feet.

Use cable clips and a cable thimble to attach the cable to the anchor rod where shown. Thimbles must be commercial-quality, galvanized steel. Cable clips must be commercial-quality, drop-forged, galvanized steel.

Swaged fittings must be machined from hot-rolled steel bars complying with AISI C 1035 and annealed suitable for cold swaging. Galvanize the swaged fitting before swaging. To keep the stud in the proper position, drill a lock pin hole through the head of the swaged fitting and install a 1/4-inch plated steel spring pin. Stamp the manufacturer's identifying mark on the body of the swaged fitting.

Before galvanizing, mill a 3/8-inch slot in the stud end for the locking pin. Studs must comply with ASTM A449 after galvanizing.

The swaged fittings, stud, and nut assembly must develop the specified breaking strength of the cable.

Ship cable assemblies as a complete unit, including studs and nuts.

Clevises must be drop-forged galvanized steel and must develop the specified breaking strength of the cable.

For anchor rods to be buried in earth, coat the portions to be buried with a 20-mil minimum thickness of one of the following:

1. Coal tar enamel complying with AWWA C 203
2. Coal tar epoxy complying with either of the following:
 - 2.1. SSPC-Paint 16, Coal Tar Epoxy-Polyamide Black Paint
 - 2.2. U.S. Army Corps of Engineers Specifications, Formula C-200a, Coal Tar-Epoxy (Black) Paint

83-2.02B(3) Type WB-31 Transition Railings

Section 83-2.02B(3) applies to Type WB-31 transition railings.

Ten-gauge rail elements must comply with AASHTO M 180 for Class B, Type I, three beam element, except within 0.5 miles of the coast the 10-gauge rail elements must comply with AASHTO M 180 for Class B, Type II, three beam element.

Other rail elements and end caps must comply with AASHTO M 180 for Class A, Type I, three beam element, except within 0.5 miles of the coast the rail elements and end caps must comply with AASHTO M 180 for Class A, Type II, three beam element.

83-2.02C Construction

83-2.02C(1) General

83-2.02C(1)(a) General

At locations where traffic is adjacent to Midwest guardrail system work, all materials required to complete the guardrail work at a location must be available before you start work at the location.

Construct Midwest guardrail systems using:

1. *W6x15 Steel line posts where shown on the Plans.*
2. *8"x8" Wood blocks for line posts where shown on the Plans.*
3. Only 1 type of post and block for any 1 continuous length of guardrail.

83-2.02C(1)(b) Posts

Place the posts at equal intervals, except you may space the end posts closer to the adjacent posts if authorized.

Drive wood posts with or without pilot holes, or place the posts in drilled holes. Backfill any space around the wood posts with selected earth that is free of rock. Place the earth in 4-inch-thick layers. Moisten and thoroughly compact each layer.

Drive steel posts with or without pilot holes. If pilot holes are used, backfill any space around the steel posts with dry sand or pea gravel after driving.

Drive steel foundation tubes with soil plates attached with or without pilot holes, or place them in drilled holes. Backfill any space around the foundation tubes with selected earth that is free of rock. Place the earth in 4-inch-thick layers. Moisten and thoroughly compact each layer. Coat the inside surfaces of the foundation tubes to receive wood terminal posts with grease. Insert the posts into the tubes by hand. Do not drive the posts. *The post edges may be rounded to facilitate insertion.*

83-2.02C(1)(c) Bolt Holes and Cuts in Wood Posts and Blocks

If copper naphthenate, ammoniacal copper arsenate, ammoniacal copper zinc arsenate, ammoniacal copper quat, or copper azole is used to treat wood posts and blocks, before inserting the bolts, fill the bolt holes with grease.

Field bore the 2-3/8-inch-diameter holes shown for breakaway wood guardrail terminal posts.

If field cutting or boring after treatment, thoroughly swab, spray, or brush the cuts and holes with 2 applications of the same type of preservative as initially used or treat the cuts and holes with copper naphthenate under AWPA Standard M4. Preservative application in the field must comply with the 1st and 2nd paragraphs of Section 57-2.01C(3)(b) of the Caltrans Standard Specifications.

83-2.02C(1)(d) Rail Elements

The edges and center of the rail elements must contact each post block.

Splice the rail elements at 12.5-foot maximum intervals. Locate the splices at mid-span between posts.

Rail element splices must be lapped at least 12-1/2 inches and bolted.

Lap the rail elements such that the exposed ends do not face approaching traffic.

The rail elements must have full bearing at joints.

Install end caps and return caps under the manufacturer's instructions.

83-2.02C(1)(e) Connection to a Concrete Bridge Railing or Barrier

If connecting a Midwest guardrail system to a new concrete bridge railing or barrier, drill anchor bolt holes in the concrete or form holes using metal or PVC sleeves.

If connecting a Midwest guardrail system to an existing concrete bridge railing or barrier, drill anchor bolt holes in the concrete.

Repair any areas around the holes that were spalled or otherwise damaged during drilling using an epoxy adhesive and sand mixture in proportions of 1:4 to 1:6. The epoxy adhesive must comply with Section 83-2.02B(1)(e). Mix the 2 components and the epoxy-sand mixture under the manufacturer's instructions.

83-2.02C(1)(f) Anchor Bolts Set With Epoxy

For anchor bolts set with epoxy, place the anchor bolts in holes filled with a 2-component epoxy mixture complying with the specifications for load bearing applications.

83-2.02C(2) End Anchor Assemblies

Backfill the holes excavated in the slope to construct buried post end anchors with selected earth. Place the earth in layers approximately 1 foot thick. Moisten and thoroughly compact each layer.

83-2.02C(3) Type WB-31 Transition Railings

The offset from the face of the Type WB-31 transition railing to the hinge point must be at least 3'-6".

The offset from the face of the adjacent midwest guardrail system to the hinge point must be transitioned from the offset at the Type WB-31 transition railing to 4'-0" using a ratio of 6:1.

83-2.02D Payment

Except for Midwest guardrail systems located within the pay limits of (1) a terminal system, (2) a transition railing, (3) an end anchor assembly, or (4) a railing tensioning assembly, the payment quantity for Midwest guardrail system is the length measured along the face of the rail element from end post to end post of the completed railing and includes buried post anchors. The point of measurement at the end post is the center of the bolt attaching the rail element to the end post. If Midwest guardrail system is connected to a structure, barrier, wall, or abutment, the point of measurement is the midpoint between the 2 bolts attaching the rail element to the structure, barrier, wall, or abutment.

Payment will be made at the Contract Unit Price for the Midwest guardrail systems items listed in the Schedule of Prices.

83-2.03 THRIE BEAM BARRIERS

Not used.

83-2.04 TERMINAL SYSTEMS

83-2.04A General

83-2.04A(1) General

Section 83-2.04 includes specifications for constructing terminal systems.

83-2.04A(2) Materials

Not used.

83-2.04A(3) Construction

Not used.

83-2.04A(4) Payment

Not used.

83-2.04B In-Line Terminal Systems

83-2.04B(1) General.

Section 83-2.04B includes specifications for in-line terminal systems.

The specific in-line terminal system to be furnished and installed at each location shall be as shown on the Plans.

83-2.04B(2) Submittals

Submit a Certificate of Compliance conforming to 4-1.5 of the SSPWC prior to installation.

83-2.04B(3) Materials.

In-line terminal systems must be one of the following as shown on the Plans:

- a) *TYPE SKT-SP-MGS FOR STEEL POSTS – Type SKT terminal system manufactured by Road Systems, Inc., and must include the connection components. The SKT terminal system can be obtained from Road Systems, Inc. (RSI), 3616 Howard County Airport Road, Big Spring, Texas 79720, telephone (432) 263-2435.*

83-2.04B(4) Construction.

Terminal systems must be installed in accordance with the manufacturer's installation instructions and these Special Provisions.

Each terminal system installed must be identified by painting the type of terminal system in neat black letters and figures 2 inches high on the backside of the rail element between system posts numbers 4 and 5.

Terminal systems shall be installed in a straight flare over the entire length and should not be installed on a parabolic curve (tangent installation). Posts may be directly driven, or in stiff soils a 6-inch diameter hole drilled, and the post then driven into the hole. The post may also be placed in an oversized drilled hole but care must be taken to ensure the backfill is properly compacted.

After installing the terminal system, dispose of surplus excavated material in a uniform manner along the adjacent roadway where designated by the Engineer.

83-2.04B(5) Payment.

In-line terminal systems will be measured with installation of guardrail per Contract Unit Price.

The Contract Unit Price for each type of "IN-LINE TERMINAL SYSTEM" shall be considered as including full compensation for furnishing and installing the in-line terminal system, complete in place, including the transition panel to the Midwest Guardrail System (MGS) standard railing section and retro-reflective striping.

83-2.04C Flared Terminal Systems

83-2.04C(1) General

83-2.04C(1)(a) Summary

Not used

83-2.04C(1)(b) Definitions

Not used.

83-2.04C(1)(c) Submittals

Not used.

83-2.04C(1)(d) Quality Assurance

Not used.

83-2.04C(2) Materials

Not used

83-2.04C(3) Construction

Not used.

83-2.04C(4) Payment

Not used.

83-2.04D Type CAT Terminal Systems

Not used.

83-2.05 CALIFORNIA BRIDGE RAILS

Not used.

83-2.06 CHAIN LINK RAILINGS

Not used.

83-2.07 CABLE RAILINGS

Not used.

83-2.08 TUBULAR HANDRAILINGS

Not used.

83-2.09 PIPE HANDRAILINGS

Not used.

83-3 CONCRETE BARRIERS

Not used.

83-4 CRASH CUSHIONS

Not used.

83-11 EXISTING RAILINGS AND BARRIERS

83-11.01 GENERAL

83-11.01A General

Section 83-11 includes specifications for performing work on existing railings, barriers, terminal systems, and crash cushions.

Work performed on existing railings, barriers, terminal systems, and crash cushions must comply with Section 15 of the *Caltrans Standard Specifications*.

83-11.01B Materials

Concrete must comply with *Section 201 of the SSPWC*.

Reinforcement must comply with section 52 of the *Caltrans Standard Specifications*.

83-11.01C Construction

If a portion of a guardrail is reconstructed or relocated, resetting work includes:

1. Installation of new posts & blocks;
2. Installation of salvaged railings;
3. Installation of salvaged in-line terminal end treatment;
4. Installation of MGS delineators

83-11.01D Payment

The payment quantities for *removing existing railings* are measured as specified for measuring new railings and barriers.

The payment quantities for removing existing end treatments and concrete footings (including posts) are measured by the linear foot.

83-11.02 EXISTING GUARDRAILS

83-11.02A General

83-11.02A(1) General

Section 83-11.02 includes specifications for performing work on existing guardrail.

83-11.02A(2) Materials

Not used.

83-11.02A(3) Construction

Not used.

83-11.02A(4) Payment

Not used.

83-11.02B Remove Guardrails

83-11.02B(1) General

Section 83-11.02B includes specifications for removing guardrail.

83-11.02B(2) Materials

Not used.

83-11.02B(3)(a) Construction

Where removing guardrail, remove any concrete anchors and steel foundation tubes.

83-11.02B(4) Payment

Payment for removal of existing metal beam guardrail and disposal of posts will be made at the Contract Unit Price per linear foot for "REMOVE GUARDRAIL."

83-11.02C Salvage Guardrails, 83-11.02D Reconstruct Guardrails, and 83-11.02E Adjust Guardrails

Not used.

83-11.03 EXISTING METAL BRIDGE RAILINGS

Not used.

{END OF SPECIFICATION}



**SECTION C:
NOT USED**

**SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT
PROJECT 60085-60118-74428**

{END OF SPECIFICATION}



SECTION D: BID PROPOSAL DOCUMENTS

**SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT
PROJECT 60085-60118-74428**

SUBMISSION CERTIFICATION
SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031

I hereby submit to the City of Victorville the following bid proposal for work outlined in the bid package entitled "**SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031**". All of the following documents (check below) are completed, fully executed, and included in my bid as required in the bid document:

- Submission Certification
- The Proposal
- Bid Proposal Form Instructions
- Bid Proposal Form
- Contractor Qualification Statement (**Must be notarized**)
- Proposer Identification
- Exceptions Form
- PCC Section 10285.1 Statement
- PCC Section 10232 Statement
- Workers' Compensation Certificate
- Signature Authorization
- List of Subcontractors
- Questionnaire
- Bidder's Bond
- Non-Collusion Declaration
- SB 854 Certification
- Debarred Certification Acknowledgement
- Acknowledgement Pages for all applicable Bid Addenda

My signature on this Submittal Certification is affirmation that all items listed above are fully completed and executed and are hereby submitted with the proposal as required. I understand that failure to complete and/or submit any of the required documents may be cause for rejection of my bid proposal.

Business Name	
Authorized Signature	Printed Name and Title
Date Signed	Telephone Number

THE PROPOSAL

SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031

City of Victorville
14343 Civic Drive
Victorville, CA 92392

SUBJECT: SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, Project CC22-031

Gentlemen:

The undersigned hereby proposes to perform all work for which a contract may be awarded to him and to furnish any and all plant, labor services, materials, tools equipment, supplies, transportation, utilities, and all other items and facilities necessary therefore as provided in the Construction Agreement, and to do everything required therein for the Construction of Improvements as specifically set forth in the documents entitled:

SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031

Together with appurtenances thereto; all as set forth on the Plans and in the Bid Package and other Contract Documents; and he further proposes and agrees that, upon proposal acceptance and award, he will contract in the form and manner stipulated to perform all the work called for by the Plans, Special Provisions, and other Contract Documents, and to complete all such work in strict conformity therewith within the time limits set forth therein, and he will accept as full payment therefore the prices set forth in the Bid Proposal forming a part hereof.

() Cashier's Check () Certified Check () Bid Bond properly made payable to the City of Victorville, hereinafter designated as the Owner, for the sum of _____ Dollars, (\$ _____), which amount is not less than ten percent (10%) of the total amount of this bid, is attached hereto and is given as a guarantee the undersigned will execute the Agreement and furnish the required bonds if awarded the Contract and, in case of failure to do so within the time provided, said funds shall be forfeited to the Owner, of Surety's liability to the Owner for forfeiture of the amount of the Bond shall be considered as established.

IT IS UNDERSTOOD AND AGREED THAT:

1. The undersigned has carefully examined all the Contract Documents which will form a part of the Construction Agreement; namely, Notice Inviting Bids, Instruction to Bidders, Proposal, Bid Proposal Form(s), list of Subcontractors, the Bidder's Bond with Check or Bond, Construction Agreement, Faithful Performance Bond, Payment Bond, Non-Collusion Declaration, Special Provisions, the plans, the City of Victorville Standard Specifications for Public Improvements, the Standard Specifications and Standard Plans of the State of California Department of Transportation, California Manual on Uniform Traffic Control Devices for Streets and Highways, and all additions, deletions, modifications, appendices, and all addenda as prepared prior to the date of bid opening setting forth any modifications or interpretations of said documents; and
2. The undersigned has by investigation at the site of the work and otherwise satisfied himself/herself concerning the nature and location of the work and has fully informed himself/herself concerning all conditions and matters which can in any way affect the work or the cost thereof; and
3. The undersigned fully understands the scope of the work and has carefully checked all words and figures in this Proposal and he further understands the City of Victorville will in no way be responsible for any errors or omissions in the preparation of this Proposal; and
4. The undersigned will execute the Contract and furnish the required Performance and Payment Bonds and proof of insurance coverage within ten (10) days (not including Sundays and legal holidays) after notice to him of acceptance of his bid by the City of Victorville; and further, that this bid may not be withdrawn for a period of forty-five (45) days after date set for opening thereof, unless otherwise required by law. If any bidder withdraws his bid within said period, the bidder shall be liable under the provisions of Bidders Bond, or the Contract and his Surety shall be liable under the Bidder's Bond, as the case may be; and
5. The undersigned hereby certifies this Proposal is genuine and not sham or collusive or made in the interest or in behalf of any person not herein named, and the undersigned has not directly or indirectly induced or solicited

any other bidder to put in a sham bid, or any other person, firm, or corporation to refrain from bidding, the undersigned has not in any manner sought by collusion to secure for himself an advantage over any other bidder.

NOW, in compliance with Notice Inviting Bids, and all the provisions herein before stipulated, the undersigned, with full cognizance thereof hereby proposes to furnish all materials and perform the entire work for the prices set forth in the attached Bid Proposal Form(s).

DATED this _____ day of _____, 20____.

BIDDER: _____

BY: _____

TITLE: _____

BIDDER'S ADDRESS: _____

BIDDER'S TELEPHONE NUMBER: _____

BIDDER'S EMAIL ADDRESS: _____

CONTRACTORS' LICENSE NUMBER AND EXPIRATION DATE: _____

CONTRACTORS' LICENSE CLASSIFICATION(S): _____

EXPLANATION OF BID ITEMS
SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031

DESCRIPTION OF WORK

The *Notice Inviting Bids* describes the Work to be completed for this project in general terms. The Work includes all items listed in the Bid Proposal, Explanation of Bid Items and other appurtenant Work indicated on the Plans or referenced standard drawings. The scope of work may include but is not necessarily limited to:

- Temporary traffic control;
- Milling of asphalt pavement;
- Unclassified excavation;
- Construction of PCC parkway drains, catch basin & RCP storm drain;
- Construction of water pipeline, water services & hydrants,
- Construction of PCC curb, gutter, drive approaches, spandrels, cross gutters, ramps & sidewalk;
- Construction of PCC & AC driveways;
- Subgrade preparation;
- Construction of base and subbase sections;
- Construction of asphalt concrete pavement;
- Signing & Striping.

Project Work Area. The Work area is located along Seventh Avenue and Arrowhead Drive between Bear Valley Road and Green Tree Boulevard in the City of Victorville, County of San Bernardino, State of California. Prospective bidders are encouraged to visit the project location to better familiarize themselves with the area and incidental work associated with bid item Work listed herein.

Certificates of Compliance. Material delivered to the project site shall not be incorporated into the Work without a certificate of compliance if required per the specifications, special provisions and approved by the Engineer. The City will reject materials or stop work until the Contractor provides a **complete** certificate of compliance following the requirements of these specifications at the Contractors cost.

PAYMENT.

Payment for the Work will be made per SSPWC *Section 7 – Measurement and Payment* unless otherwise specified herein. Failure of the Contractor to provide sufficient evidence that the materials delivered to the project site meet Specification requirements per an approved submittal shall result in a pay reduction determined by the Engineer to the Contract Unit Price of each bid item impacted.

The Contractor shall be solely responsible for the protection of all existing structures, fixtures, utilities and other improvements adjacent to and within the work zone from construction activities. Existing structures, fixtures, utilities and other improvements may or may not be shown or identified in the Contract Plan set(s). Damage caused by the Contractor's failure to protect from construction activities to any existing structures, fixtures, utilities and other improvements to remain in place identified or not identified in the plan or specifications shall become the responsibility of the Contractor to restore, repair or replace at their own expense. The Contractor shall be responsible to provide adequate protection from potential damage for what ever means & methods utilized at the Contractor's choosing.

BID PROPOSAL LINE ITEM DESCRIPTIONS.

Bid Proposal line items that contain a unit quantity of work greater than 1 **are an approximation or estimate only** of the number of units required to complete the Work. Bid Proposal Items designated with "(F)" next to the description are **Final Pay** items (7-2). The bidder is encouraged to visit the project site and prepare an independent quantity takeoff for all items including Final Pay Work items.

Schedule A is composed of bid item work covering all work. Bid items listed in Schedule B, C & D are associated with “**STREET IMPROVEMENT PLANS FOR SEVENTH AVENUE & ARROWHEAD DRIVE FROM BEAR VALLEY ROAD TO GREEN TREE BOULEVARD**” drawing number S-903 & “**STRIPING PLAN FOR SEVENTH AVENUE AND ARROWHEAD DRIVE**” drawing number S-904. Bid items listed in Schedule E are associated with “**AREA 7 RE-ZONE 4 (RZ-4) PIPELINE – PARTIAL VICTORVILLE WATER DISTRICT**” drawing number WP-1431 & “**WATER IMPROVEMENTS FOR SEVENTH AVE & ARROWHEAD DRIVE FROM BEAR VALLEY ROAD TO GREEN TREE BOULEVARD**” drawing number WP-1435. The Bid Line Item descriptions are as follows:

SCHEDULE A – General

1) K-Rail (F)

The Contractor shall provide, implement, maintain, relocate/move/alter and remove temporary traffic control K-rail for the project duration as required per the approved TCPs. The Contractor shall include all labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

2) Portable Changeable Message Sign (F)

The contractor shall provide full sized portable changeable message signs (CMS) displaying three (3) lines of 18” high text to be used with the temporary traffic control. The Contractor shall include all labor, equipment, maintenance, relocating, reprogramming and incidental costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

3) Storm Water Pollution Prevention Plan (F)

The Contractor shall procure a Storm Water Pollution Prevention Plan (SWPPP) from an independent, 3rd party Qualified SWPPP Designer (QSD) for the project as required per 3-8 and 3-12 of the Standard Specifications. The City Engineer, Brian Gengler, shall be designated as the Legally Responsible Person (LRP). The document shall comply with the California State Water Resources Control Board National Pollutant Discharge Elimination System (NPDES) Permit and the latest Construction General Permit (CGP). Upon review and approval of the submitted SWPPP, the City will file the Notice of Intent (NOI), pay the permit fees, and file the Notice of Termination (NOT) at the completion of the project. The user name of the QSD shall be provided to the City so that the QSD can upload the SWPPP to the SMARTS system as a data submitter for the duration of the project. The QSD shall also be responsible for adding/amending the SWPPP, communication with a QSP and uploading documents as needed over the duration of the project. The QSD shall be responsible for providing control details in a plan attached to the SWPPP for the project. The plan shall be submitted to the City for review and approval prior to attaching to the SWPPP and uploading to SMARTS. If a waiver is obtained for this project, the Contractor shall only be reimbursed for the cost of the SWPPP document preparation and a contractor markup of 15%. All costs and appurtenant work associated with the procurement, preparation, corrections, alterations, and data submittals shall be included with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

4) QSP Inspection (F)

The Contractor shall procure the services of an independent, 3rd party qualified SWPPP practitioner (QSP) to perform inspections of the project from start to finish a minimum of once a week. The QSP will be responsible for filing/reporting inspection reports with the Contractor and Engineer. The QSP shall inform the Engineer or Public Works inspector of inspection schedules prior to visiting the construction site. All appurtenant costs associated with the inspections shall be included for this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

SCHEDULE B – Seventh Ave & Arrowhead Dr Construction

5) Mobilization & Demobilization

- a) Mobilization shall include all activities and associated costs for:
 - i) Transportation of personnel, equipment, supplies, and incidentals to the Work area;
 - ii) Establishment of offices, buildings, and other general facilities necessary for the Contractor to perform the Work; and
 - iii) Appurtenant work required for which payment is not specified elsewhere in the contract and approved by the Engineer.
- b) Demobilization shall consist of the removal of all personnel, equipment, offices, supplies not required or included in the contract from the project Work area, incidentals and site cleanup at the completion of the Work.

Payment will be made per 7-3.4. Progress payments will be made for items of work completed after the contractor can present proof of paid invoices or documentation of direct costs showing specific mobilization and demobilization costs and supporting evidence of the charges of suppliers, subcontractors, and others. The Contract Unit Price for mobilization and demobilization will constitute full compensation for completion of the work and no additional compensation will be allowed therefore.

Payment will not be made under this item for the purchase costs of materials having a residual value, the purchase costs of materials to be incorporated in the project, or the purchase costs of operating supplies.

6) Authorized Work

A pre-determined amount is included in the Bid Proposal Form for authorized work. Use of this bid item will be authorized only by the Engineer for potential: increased quantities, new work, unforeseen work, or a change in the character of work required to complete the project. It can only be used, if needed, as directed and approved in writing by the Engineer before any work is performed. Unutilized funds remaining in this bid item will be deducted from the Contract in a contract change order upon project completion.

7) Prepare Temporary Traffic Control Plan(s) (F)

The Contractor shall obtain and submit temporary a traffic control plan (TCP) for approval per the requirements of the latest edition of the CA MUTCD, 3-8.2, 302-2.5 and 601 of the Specifications. One or more TCPs shall cover each stage of construction the Contractor chooses to implement to complete the scope of Work including any changes required during any element of construction.

The TCP shall provide one open lane at all times in each direction of traffic. Left turns shall be permitted at the intersection of streets. Intersections requiring construction of PCC cross gutters on local or collector streets may be closed for the shortest duration possible until concrete cures sufficiently for traffic loads.

The temporary traffic control plans shall also include the following:

- i) Provide reflective advance warning signs & construction signs
- ii) Provide temporary striping to shift lanes where necessary;
- iii) Provide Special Information Signs (SIS) which shall be at a minimum of four (4) ft wide by three (3) ft high with six (6) in high uppercase lettering;
- iv) Provide K-rail adjacent to excavations, trenching exceeding eighteen (18) inches in depth;
- v) Provide arrow boards, barricades, crash cushions, delineators, and flashers;
- vi) Provide right turn in/out access to all residences/business & signs;
- vii) Provide owner/tenant mailings/postings of staged traffic control and changes.

The Contractor shall include all labor, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

8) Implement Temporary Traffic Control (F)

Temporary traffic control (TC) shall be the responsibility of the Contractor to manage over the duration of the project for each stage of construction. The Contractor shall implement, maintain and remove temporary traffic control devices for the project duration per the TCPs provided by the Contractor and approved by the City for implementation until the stage of Work is accepted as complete. If the Contractor makes any changes to TTC in place without an approved plan, a fine will be issued to the Contractor for each violation. TTC may include the following work and devices per an approved TCP:

- a) Temporary Traffic control;
 - i) Provide, install, and maintain barricades, crash cushions, signs, delineators, pavement markings, flashers, arrow boards, temporary reflective pavement markers, k-rail, etc;
 - ii) Provide flaggers, pilot cars, etc;
 - iii) Furnish and install traffic delineation using "Cat Tracking," temporary marking tape, or other approved media on the same working day as existing markings are removed, lost, including bicycle lanes, in locations consistent with the striping and marking plans;
 - iv) Provide, construct, maintain, and remove temporary detours as required for completion of the Work;
 - v) Provide right in, right out signage and access to all approaches in the vicinity of the work.
- b) Coordination;
 - i) Coordinate with all agencies listed in Section 402-6;
 - ii) Provide for the convenience and safety of the public traffic and pedestrians;
- c) Notifications;
 - i) Install special information signage and changeable message signs a minimum of two (2) weeks before construction begins;
 - ii) Prepare and distribute written notices to affected business and property owners for each stage of construction a minimum of 48 hours before the traffic control is changed;
 - iii) Post No Parking signs as required with the appropriate vehicle code section(s) for towing of parked vehicles.

If included in the TCP, the Contractor shall apply and remove one coat of waterborne paint for temporary traffic control striping as required per the approved TCPs. The Contractor shall grind off the existing striping and markers on new pavement not to exceed 1/10th of an inch in depth below the existing surface flush with the asphalt. The penalty of exceeding 1/10th of an inch in depth below the existing surface of the asphalt will require the Contractor to slurry seal the road at the direction of the Engineer up to the full width for the length of the project at the Contractor's expense. The type and grade of slurry seal will be specified by the engineer if required.

The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

9) Worksite Maintenance, Water Pollution Control (F)

The Contractor shall include all Work associated with subsections 1 through 4 of 3-12 of the Specifications and Special Provisions for the duration of the project. The Contractor shall also implement and continually maintain construction site Best Management Practices (BMPs) as required per the erosion control plan(s) and SWPPP per 3-12.6 of the Specifications and Special Provisions. Maintenance may include labor and materials for the replacement of deficient BMPs or

BMPs that are no longer effective due to wear or as directed by a QSP inspector, Public Works Inspector, or Engineer. The Contractor shall modify BMPs as required to accommodate storm events throughout the duration of the Project. BMPs impacted by a rainfall storm event shall be removed, monitored, repaired, replaced and or restored as required during the event to minimize pollution of storm water and obstruction of flows.

The Contractor shall include all labor, materials, equipment, tools and incidental costs to implement, maintain, repair, replace, restore and alter all BMPs and other work site maintenance items throughout the duration of the project for this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

10) Utility Location & Protection (F)

The Contractor shall locate and protect all known utilities in accordance with *Section 402* of the Specifications and special provisions. The contractor shall provide the City with subsurface data within two (2) working days after the completion of location work. The Contractor shall include all labor, materials, tools, equipment, exhibits and incidental costs for this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

11) Remove & Dispose PCC Curb & Gutter (F)

The Contractor shall demolish and dispose of the existing concrete improvements identified in the Plan per 3-12 & 401 of the Specifications. The Contractor shall include all labor, saw cutting trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

12) Remove & Dispose PCC Cross Gutter/Spandrel (F)

The Contractor shall demolish and dispose of the existing concrete improvements identified in the Plan per 3-12 & 401 of the Specifications. This work may involve partial or full demolition and disposal of cross gutters and/or spandrels. Spandrels to be removed include associated monolithic curbs. The Contractor shall include all labor, saw cutting trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

13) Remove & Dispose PCC Curb Ramp/Sidewalk (F)

The Contractor shall demolish and dispose of the existing concrete improvements identified in the Plan per 3-12 & 401 of the Specifications. The Contractor shall include all labor, saw cutting, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

14) Remove & Dispose PCC Curb (F)

The Contractor shall demolish and dispose of the existing concrete improvements identified in the Plan per 3-12 & 401 of the Specifications. The Contractor shall include all labor, saw cutting, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

15) Remove & Dispose Miscellaneous PCC Flatwork

The Contractor shall demolish and dispose of existing miscellaneous concrete flatwork identified in the Plan per 3-12 & 401 of the Specifications. The Contractor shall include all labor, saw cutting trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

16) Remove & Dispose AC Curb (F)

The Contractor shall remove and dispose of asphalt curbs identified in the Plan per 3-12 & 401 of the Specifications. The Contractor shall include all labor, saw cutting, materials, trucking, disposal,

equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

17) Cold Mill Existing AC Pavement 2.0' x 0.17' (F)

The Contractor shall cold mill a 2.0' wide by 2.0" deep section from the existing asphalt concrete (AC) pavement per 3-12 & 404 of the Specifications from the edge of the saw cut line. The Contractor shall include all labor, saw cutting, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

18) Sawcut AC Road Pavement (F)

The Contractor shall sawcut the existing road(s) asphalt concrete (AC) pavement per 3-12 & 401 of the Specifications as indicated on the Plan. The Contractor shall include all labor, saw cutting, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

19) Cold Mill AC Pavement 2.0" (F)

The Contractor shall cold mill 2.0" from the existing asphalt concrete (AC) pavement per 3-12 & 404 of the Specifications. This milled asphalt will be used as untreated subbase material for the structural section of the road. The Contractor shall be responsible for the protection of the existing structures, fixtures and other improvements that are to be protected in place. Damage caused by removal operations to existing structures, fixtures, underground utilities and other improvements shall become the responsibility of the Contractor to restore, repair or replace at their own expense. The Contractor shall be responsible for dust control measures during the removal process to minimize air pollution within and surrounding the project work area. The Contractor shall be responsible for keeping all areas clean of waste. All cold milled material from this activity shall be the Contractor's responsibility to collect and manage per this bid item. The Contractor shall include all labor, saw cutting, materials, trucking, stockpiling, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

20) Cold Mill Existing AC Pavement (F)

The Contractor shall cold mill the existing asphalt concrete (AC) pavement to full depth per 3-12 & 404 of the Specifications as indicated on the Plan. The Contractor shall be responsible for verifying the depth of the existing asphalt during and controlling milling operations. The thickness of the asphalt along Seventh Ave ranges from 2.0 to 4.5 inches thick, the average being 2.25". The thickness of asphalt along Arrowhead Dr ranges from 2.0 to 5.5 inches thick, the average being 4.0". Approximately 5,880 CY of milled asphalt material will be removed and recycled for the CMB subbase section of the road. All cold milled material from this activity shall be the Contractor's responsibility to collect and manage per this bid item. Mixing of AC with base and subgrade is prohibited. The Contractor shall include all labor, saw cutting, materials, trucking, stockpiling, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

21) Install 1" Conduit for Pedestrian Push Button (F)

The Contractor shall furnish and install a 1" Sch 80 PVC electrical conduit for the installation of a pedestrian push button assembly (to be performed by the City) indicated in the Plan per City Std S-11B, 700-3.5 & 217 of the Specifications. The conduit shall be a minimum of one (1) foot below the finished grade of base material. The Contractor shall also set four (4) City furnished bolts for the pedestrian push button pole as directed by Traffic Engineering to be cast in place with the concrete curb. The location of the electrical conduit sweep into the curb and ped pole bolts will be coordinated and approved by Traffic Engineering prior to placement of concrete sidewalk and curb.

The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

22) Construct 8" Curb & Gutter Per City Std S-01 (F)

The Contractor shall construct an eight (8) inch curb & gutter per modified City of Victorville Std Dwg S-01 in the Plan and 303 of the Specifications. This work shall include variable height eight (8) inch max curb & gutter for drive approaches and curb ramps. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all the labor, materials, equipment, tools, trucking, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

23) Construct 8" Curb Per City Std S-09 (F)

The Contractor shall construct an 8" curb per modified City Std Dwg S-09 in the Plan and 303 of the Specifications as indicated on the Plan. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all the labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

24) Construct Variable Height Curb Per City Std S-09 (F)

The Contractor shall construct a variable height curb per modified City Std Dwg S-09 in the Plan and 303 of the Specifications as indicated on the Plan. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all the labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

25) Construct Curb Ramp Per Ramp Detail No. 1 (F)

The Contractor shall construct a curb ramp per "Ramp Detail No. 1" as indicated in the plan, 303 of the Specifications and City Std S-11 Type A. The curb ramp is the area enclosed by the grade breaks from the sidewalk and back face of curb & gutter including wings, truncated dome landing and ramp. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

26) Construct Curb Ramp Per Ramp Detail No. 2 (F)

The Contractor shall construct a curb ramp per "Ramp Detail No. 2" as indicated in the plan, 303 of the Specifications and City Std S-11 Type A. The curb ramp is the area enclosed by the grade breaks from the sidewalk and back face of curb & gutter including wings, truncated dome landing and ramp. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material

shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

27) Construct Curb Ramp Per Ramp Detail No. 3 (F)

The Contractor shall construct a curb ramp per "Ramp Detail No. 3" as indicated in the plan, 303 of the Specifications and City Std S-11 Type D. The curb ramp shall include the retaining curbs, the area enclosed by the curbs, truncated dome landing and ramp. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

28) Construct Curb Ramp Per Ramp Detail No. 4 (F)

The Contractor shall construct a curb ramp per "Ramp Detail No. 4" as indicated in the plan, 303 of the Specifications and City Std S-11 Type D. The curb ramp shall include the retaining curbs, the area enclosed by the curbs, truncated dome landing and ramp. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

29) Construct Curb Ramp Per Ramp Detail No. 5 (F)

The Contractor shall construct a curb ramp per "Ramp Detail No. 5" as indicated in the plan, 303 of the Specifications and City Std S-11 Type A. The curb ramp shall include the PCC area enclosed by the curbs, truncated dome landing and ramp terminus adjacent to the sidewalk. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

30) Construct Curb Ramp Per Ramp Detail No. 6 (F)

The Contractor shall construct a curb ramp per "Ramp Detail No. 6" as indicated in the plan, 303 of the Specifications and City Std S-11 Type E. The curb ramp shall include the PCC retaining curbs, area enclosed by the curbs, truncated dome landing and ramp terminus adjacent to the sidewalk. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

31) Construct Curb Ramp Per Ramp Detail No. 7 (F)

The Contractor shall construct a curb ramp per "Ramp Detail No. 7" as indicated in the plan, 303 of the Specifications and City Std S-11 Type E. The curb ramp shall include the PCC retaining curbs, area enclosed by the curbs, truncated dome landing and ramp terminus adjacent to the sidewalk. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

32) Construct Curb Ramp Per Ramp Detail No. 8 (F)

The Contractor shall construct a curb ramp per "Ramp Detail No. 8" as indicated in the plan, 303 of the Specifications and City Std S-11 Type E. The curb ramp shall include the PCC retaining curbs, area enclosed by the grade breaks from the sidewalk, truncated dome landing and ramp. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

33) Construct Curb Ramp Per Ramp Detail No. 9 (F)

The Contractor shall construct a curb ramp per "Ramp Detail No. 9" as indicated in the plan, 303 of the Specifications and City Std S-11 Type E. The curb ramp shall include the PCC retaining curbs, area enclosed by the grade breaks from the sidewalk, truncated dome landing and ramp. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2

of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

34) Construct Curb Ramp Per Ramp Detail No. 10 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 10” as indicated in the plan, 303 of the Specifications and City Std S-11 Type E. The curb ramp shall include the PCC retaining curbs, truncated domes, area enclosed by the back face of curb & gutter and grade break from the sidewalk. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

35) Construct Curb Ramp Per Ramp Detail No. 11 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 11” as indicated in the plan, 303 of the Specifications and City Std S-11 Type E. The curb ramp shall be the PCC retaining curbs, area enclosed by the grade breaks from the sidewalk, back face of curb & gutter including truncated dome landing and ramp. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

36) Construct Curb Ramp Per Ramp Detail No. 12 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 12” as indicated in the plan, 303 of the Specifications and City Std S-11 Type C. The curb ramp shall include the PCC retaining curb, landing with truncated domes, PCC area enclosed by the back face of curb & gutter and ramps to grade breaks with sidewalk. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

37) Construct Curb Ramp Per Ramp Detail No. 13 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 13” as indicated in the plan, 303 of the Specifications and City Std S-11 Type E. The curb ramp shall include the PCC retaining

curb, landing with truncated domes, PCC area enclosed by the back face of curb & gutter and ramp to grade break with sidewalk. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

38) Construct Curb Ramp Per Ramp Detail No. 14 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 14” as indicated in the plan, 303 of the Specifications and City Std S-11 Type E. The curb ramp shall include the PCC retaining curb, landing with truncated domes, PCC area enclosed by the back face of curb & gutter and ramp to grade break with sidewalk. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

39) Construct Curb Ramp Per Ramp Detail No. 15 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 15” as indicated in the plan, 303 of the Specifications and City Std S-11 Type A. The curb ramp shall include the truncated domes, PCC area enclosed by the back face of curb & gutter, ramp and wings to the grade break at the sidewalk. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

40) Construct Curb Ramp Per Ramp Detail No. 16 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 16” as indicated in the plan, 303 of the Specifications and City Std S-11 Type A. The curb ramp shall include the truncated domes, PCC area enclosed by the back face of curb & gutter, ramp and wings to the grade break at the sidewalk. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base

materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

41) Construct Curb Ramp Per Ramp Detail No. 17 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 17” as indicated in the plan, 303 of the Specifications and City Std S-11 Type E. The curb ramp shall include the PCC retaining curb, landing with truncated domes, PCC area enclosed by the back face of curb & gutter and ramp to grade break with sidewalk. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

42) Construct Curb Ramp Per Ramp Detail No. 18 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 18” as indicated in the plan, 303 of the Specifications and City Std S-11 Type C. The curb ramp shall include the PCC retaining curb, landing with truncated domes, PCC area enclosed by the back face of curb & gutter and ramps to grade breaks with sidewalk. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

43) Construct Curb Ramp Per Ramp Detail No. 19 (F)

The Contractor shall construct the curb ramps per “Ramp Detail No. 19” as indicated in the plan, 303 of the Specifications and City Std S-11 Type E. The curb ramp shall include the PCC retaining curb, landing with truncated domes, PCC area enclosed by the back face of curb & gutter and ramp to grade break with sidewalk. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

44) Construct Curb Ramp Per Ramp Detail No. 20 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 20” as indicated in the plan, 303 of the Specifications and City Std S-11 Type C. The curb ramp shall include the PCC retaining curb, landing with truncated domes, PCC area enclosed by the back face of curb & gutter and ramps to grade breaks with sidewalk. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

45) Construct Curb Ramp Per Ramp Detail No. 21 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 21” as indicated in the plan, 303 of the Specifications and City Std S-11 Type C. The curb ramp shall include the PCC retaining curb, landing with truncated domes, PCC area enclosed by the back face of curb & gutter and ramps to grade breaks with sidewalk. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

46) Construct Curb Ramp Per Ramp Detail No. 22 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 22” as indicated in the plan, 303 of the Specifications and City Std S-11 Type C. The curb ramp shall include the PCC retaining curb, landing with truncated domes, PCC area enclosed by the back face of curb & gutter and ramps to grade breaks with sidewalk. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

47) Construct Curb Ramp Per Ramp Detail No. 23 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 23” as indicated in the plan, 303 of the Specifications and City Std S-11 Type A. The curb ramp shall include the PCC area enclosed by the grade breaks from the sidewalk, truncated dome landing, wings and ramp. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-

2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

48) Construct Curb Ramp Per Ramp Detail No. 24 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 24” as indicated in the plan, 303 of the Specifications and City Std S-11 Type A. The curb ramp shall include the PCC area enclosed by the grade breaks from the sidewalk, truncated dome landing, wings and ramp. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

49) Construct Curb Ramp Per Ramp Detail No. 25 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 25” as indicated in the plan, 303 of the Specifications and City Std S-11 Type A. The curb ramp shall include the PCC area enclosed by the grade breaks from the sidewalk, truncated dome landing, wings and ramp. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

50) Construct Curb Ramp Per Ramp Detail No. 26 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 26” as indicated in the plan, 303 of the Specifications and City Std S-11 Type A. The curb ramp shall include the PCC area enclosed by the grade breaks from the sidewalk, truncated dome landing, wings and ramp. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

51) Construct Curb Ramp Per Ramp Detail No. 27 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 27” as indicated in the plan, 303 of the Specifications and City Std S-11 Type A. The curb ramp shall include the PCC area

enclosed by the grade breaks from the sidewalk, truncated dome landing, wings and ramp. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

52) Construct Curb Ramp Per Ramp Detail No. 28 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 28” as indicated in the plan, 303 of the Specifications and City Std S-11 Type A. The curb ramp shall include the PCC area enclosed by the grade breaks from the sidewalk, truncated dome landing, wings and ramp. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

53) Construct Curb Ramp Per Ramp Detail No. 29 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 29” as indicated in the plan, 303 of the Specifications and City Std S-11 Type A. The curb ramp shall include the PCC curb and the area enclosed by the grade breaks from the sidewalk, truncated dome landing, wings and ramp. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

54) Construct Curb Ramp Per Ramp Detail No. 30 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 30” as indicated in the plan, 303 of the Specifications and City Std S-11 Type A. The curb ramp shall include the PCC curb and the area enclosed by the grade breaks from the sidewalk, truncated dome landing, wings and ramp. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

55) Construct Curb Ramp Per Ramp Detail No. 31 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 31” as indicated in the plan, 303 of the Specifications and City Std S-11 Type B. The curb ramp shall include the PCC area enclosed by the grade breaks from the sidewalk, truncated dome landing, wings and ramps. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

56) Construct Curb Ramp Per Ramp Detail No. 32 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 32” as indicated in the plan, 303 of the Specifications and City Std S-11 Type B. The curb ramps shall include the PCC area enclosed by the grade breaks from the sidewalk, truncated dome landing, wings and ramps. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

57) Construct Curb Ramp Per Ramp Detail No. 33 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 33” as indicated in the plan, 303 of the Specifications and City Std S-11 Type A. The curb ramp shall include the PCC area enclosed by the grade breaks from the sidewalk, truncated dome landing, ramp and wings. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

58) Construct Curb Ramp Per Ramp Detail No. 34 (F)

The Contractor shall construct a curb ramp per “Ramp Detail No. 34” as indicated in the plan, 303 of the Specifications and City Std S-11 Type A. The curb ramp shall include the PCC area enclosed by the grade breaks from the sidewalk, truncated dome landing, ramp and wings. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2

of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

59) Construct Curb Ramp Per Ramp Detail No. 35 (F)

The Contractor shall construct a curb ramp per "Ramp Detail No. 35" as indicated in the plan, 303 of the Specifications and City Std S-11 Type A. The curb ramp shall include the PCC area enclosed by the grade breaks from the sidewalk, truncated dome landing, ramp and wings. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. A minimum of four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The natural crushed aggregate base material shall conform to 200-2.8 of the Specifications. Detectable warnings shall consist of yellow cast-in-place truncated domes that comply with the 2019 CBC Part 2, Volume 1 Chapter 11B-705 requirements. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

60) Construct Parkway Culvert Per SPPWC 151-3 Type 2, S = 72" (F)

The Contractor shall construct a SPPWC 151-3 parkway culvert, S=72", inlet Type 2, Grade 60 reinforcement per 303 of the Specifications. Four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications prior to placement of concrete. The Contractor shall include 1/2" felt expansion joints adjacent to each side of the culvert placed 3/4" below the finished surface. Self-leveling grey polyurethane joint sealant shall be placed on top of the expansion fiber level with the PCC surface. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

61) Construct Parkway Culvert Per SPPWC 151-3 Type 2, S = 36" (F)

The Contractor shall construct a SPPWC 151-3 parkway culvert, S=36", inlet Type 2, Grade 60 reinforcement per 303 of the Specifications. Four (4) inches of compacted natural crushed aggregate base shall be placed under the concrete. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications prior to placement of concrete. The Contractor shall include 1/2" felt expansion joints adjacent to each side of the culvert placed 3/4" below the finished surface. Self-leveling grey polyurethane joint sealant shall be placed on top of the expansion fiber level with the PCC surface. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

62) Construct Sidewalk per City Std S-04 (F)

The Contractor shall construct a sidewalk per modified City Std Dwg S-04 in the Plan and 303 of the Specifications indicated on the Plan. A 1.5% cross-slope shall be utilized for the sidewalk path of travel in compliance of ADA standards. If the sidewalk cross slope in the path of travel exceeds a maximum of 2%, the Contractor shall remove and replace the concrete at their own expense. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all the labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

63) Construct Cross Gutter, Spandrel & 8” Curb Per City Std S-05 at Winona St (F)

The Contractor shall construct a cross gutter, spandrels and eight (8) inch curb per City Std S-05 as indicated in the Plan and 303-5 of the Specifications at Winona St and Arrowhead Dr. The 8’ curb and gutter shall be constructed from beginning of curve to end of curve for each corner. The contractor shall perform subgrade preparation, furnish and place untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all the labor, materials, equipment, tools, trucking, incidental items and work related costs associated with this bid item at the Contract Unit Price. No additional compensation will be allowed therefore.

64) Construct Cross Gutter, Spandrel & 8” Curb Per City Std S-05 at Telestar Ave (F)

The Contractor shall construct a cross gutter, spandrels and eight (8) inch curb per City Std S-05 as indicated in the Plan and 303-5 of the Specifications at Telestar Ave and Seventh Ave. The 8’ curb and gutter shall be constructed from beginning of curve to end of curve for each corner. The contractor shall perform subgrade preparation, furnish and place untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all the labor, materials, equipment, tools, trucking, incidental items and work related costs associated with this bid item at the Contract Unit Price. No additional compensation will be allowed therefore.

65) Construct Cross Gutter, Spandrels & 8” Curb Per City Std S-05 at Hiddenwood Ln (F)

The Contractor shall construct a cross gutter, spandrels and eight (8) inch curb per City Std S-05 as indicated in the Plan and 303-5 of the Specifications at Hiddenwood Ln and Seventh Ave. The 8’ curb and gutter shall be constructed from beginning of curve to end of curve for each corner. The contractor shall perform subgrade preparation, furnish and place untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all the labor, materials, equipment, tools, trucking, incidental items and work related costs associated with this bid item at the Contract Unit Price. No additional compensation will be allowed therefore.

66) Construct Cross Gutter, Spandrels & 8” Curb Per City Std S-05 at Huerta St (F)

The Contractor shall construct a cross gutter, spandrels and eight (8) inch curb per City Std S-05 as indicated in the Plan and 303-5 of the Specifications at Huerta St and Seventh Ave. The 8’ curb and gutter shall be constructed from beginning of curve to end of curve for each corner. The contractor shall perform subgrade preparation, furnish and place untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all the labor, materials, equipment, tools, trucking, incidental items and work related costs associated with this bid item at the Contract Unit Price. No additional compensation will be allowed therefore.

67) Construct Cross Gutter, Spandrels & 8” Curb Per City Std S-05 at Minetonka St (F)

The Contractor shall construct a cross gutter, spandrels and eight (8) inch curb per City Std S-05 as indicated in the Plan and 303-5 of the Specifications at Minetonka St and Seventh Ave. The 8’ curb and gutter shall be constructed from beginning of curve to end of curve for each corner. The contractor shall perform subgrade preparation, furnish and place untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all the labor, materials, equipment, tools, trucking, incidental items and work related costs associated with this bid item at the Contract Unit Price. No additional compensation will be allowed therefore.

68) Construct Cross Gutter, Spandrels & 8" Curb Per City Std S-05 at Sitting Bull St (F)

The Contractor shall construct a cross gutter, spandrels and eight (8) inch curb per City Std S-05 in the Plan and 303-5 of the Specifications at Sitting Bull St and Seventh Ave on the west side of the road. The 8' curb and gutter shall be constructed from beginning of curve to end of curve for each corner. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all the labor, materials, equipment, tools, trucking, incidental items and work related costs associated with this bid item per the Contract Unit Price. No additional compensation will be allowed therefore.

69) Construct Cross Gutter, Spandrels & 8" Curb Per City Std S-05 at Sitting Bull St (F)

The Contractor shall construct a cross gutter, spandrels and eight (8) inch curb per City Std S-05 as indicated in the Plan and 303-5 of the Specifications at Sitting Bull St and Seventh Ave on the east side of the road. The 8' curb and gutter shall be constructed from beginning of curve to end of curve for each corner. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all the labor, materials, equipment, tools, trucking, incidental items and work related costs associated with this bid item per the Contract Unit Price. No additional compensation will be allowed therefore.

70) Construct Cross Gutter, Spandrels & 8" Curb Per City Std S-05 at Petite St (F)

The Contractor shall construct a cross gutter, spandrels and eight (8) inch curb per City Std S-05 as indicated in the Plan and 303-5 of the Specifications at Petite St and Arrowhead Dr. The 8' curb and gutter shall be constructed from beginning of curve to end of curve for each corner. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all the labor, materials, equipment, tools, trucking, incidental items and work related costs associated with this bid item at the Contract Unit Price. No additional compensation will be allowed therefore.

71) Construct Cross Gutter, Spandrels & 8" Curb Per City Std S-05 at Yates Rd (F)

The Contractor shall construct a cross gutter, spandrels and eight (8) inch curb per City Std S-05 as indicated in the Plan and 303-5 of the Specifications at Yates Rd and Arrowhead Dr. The 8' curb and gutter shall be constructed from beginning of curve to end of curve for each corner. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all the labor, materials, equipment, tools, trucking, incidental items and work related costs associated with this bid item at the Contract Unit Price. No additional compensation will be allowed therefore.

72) Construct Reinforced Concrete Type 5 Retaining Wall, W=4'10" (F)

The Contractor shall construct a reinforced concrete type 5 variable height retaining wall, load case 1, W=4'-10", H=4' to 6.65' with an additional one (1) foot curb extension, Grade 60 reinforcement per SPPWC Std Plan 614-3, 617-3 & 303 of the Specifications from STA 63+84 to STA 65+16. Expansion joints, control joints and other components as required per the Plan shall be included. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. The contractor shall perform all earthwork per 300-3 of the Specifications. The earthwork shall include all excavating, compaction of footing bottom, backfilling and export of material adjacent to the wall as shown on the plan. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

73) Construct Reinforced Concrete Type 5 Retaining Wall, W=3'-8" (F)

The Contractor shall construct a reinforced concrete type 5 variable height retaining wall, load case 1, W=3'-8", H=3.45' to 4' with an additional one (1) foot curb extension, Grade 60 reinforcement per SPPWC Std Plan 614-3, 617-3 & 303 of the Specifications from STA 65+16 to STA 65+39. Expansion joints, control joints and other components as required per the Plan shall be included. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. The contractor shall perform all earthwork per 300-3 of the Specifications. The earthwork shall include all excavating, compaction of footing bottom, backfilling and export of material adjacent to the wall as shown on the plan. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

74) Construct Reinforced Concrete Footing Step (F)

The Contractor shall construct a reinforced concrete footing step for the Type 5 variable height retaining wall per SPPWC Std Plan 617-3 & 303 of the Specifications from STA 65+16 to STA 65+17. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. The contractor shall perform all associated earthwork per 300-3 of the Specifications. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

75) Construct Reinforced Concrete Return Wall Type D (F)

The Contractor shall construct a four (4) foot tall reinforced concrete return wall type D for the type 5 variable height retaining wall per SPPWC Std Plan 617-3 & 303 of the Specifications as indicated on the Plan. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. The return wall shall include a 6"x6" blockout of the top corner adjacent to the sidewalk side of the wall. The contractor shall perform all associated earthwork per 300-3 of the Specifications. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

76) Construct Metal Hand Railing Per City Std S-022 (F)

The Contractor shall construct metal hand railing per City Std S-22 Type B indicated in the Plan for the Type 5 retaining wall. The metal railing material shall conform to *Section 206-5* of the Specifications. Construction of the metal railing shall conform to *Section 304-2* of the Specifications. Sleeves a minimum of 12" long shall be placed in the top of the Type 5 wall curb for the metal railing posts prior to placement of concrete for the wall. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with the construction of the metal hand railing per the Contract Unit Price. No additional compensation will be allowed therefore.

77) Remove & Dispose PCC Drive Approach/Driveway, APN 3093-611-23 (F)

The Contractor shall demolish and dispose of the existing concrete improvements identified in the Plan per 3-12 & 401 of the Specifications at 16088 Bear Valley Rd. The Contractor shall include all labor, saw cutting, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

78) Remove & Dispose Trash Enclosure, APN 3093-611-23 (F)

The Contractor shall demolish and dispose of the existing trash enclosure identified in the Plan at 16088 Bear Valley Rd. This work shall include the removal and disposal of all concrete materials, reinforcement, footings and other materials associated with the enclosure. The Contractor shall

include all labor, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

79) Remove Landscape Rock, APN 3093-611-23 (F)

The Contractor shall remove the existing landscape gravel adjacent to the northerly side of the driveway to a minimum of 3 feet beyond the daylight line and stockpile it onsite out of the way for later use at 16088 Bear Valley Rd shown in the Plan. The Contractor shall include all labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

80) Remove & Replace Electrical Conduit, APN 3093-611-23

IF required, the Contractor shall remove and replace the existing electrical conduit and conductors between the REtwo light standards on each side of the existing driveway if found to be in conflict with the new driveway at 16088 Bear Valley Rd shown in the Plan. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

81) Construct PCC Commercial Drive Approach Per City Std S-03, APN 3093-611-23 (F)

The Contractor shall construct a PCC commercial drive approach per the City of Victorville Std Dwg S-03 and 303 of the Specifications at 16088 Bear Valley Rd. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

82) Construct 6" PCC Driveway, APN 3093-611-23 (F)

The Contractor shall construct a 6" thick PCC driveway per 303 of the Specifications at 16088 Bear Valley Rd. The contractor shall perform the earthwork & subgrade preparation per 300 301-1 of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. The Contractor shall include all labor, earthwork, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

83) Place Landscape Rock, APN 3093-611-23

The Contractor shall place the stockpiled landscape gravel adjacent to the northerly side of the new driveway on the graded slope to a minimum of 3 feet beyond the daylight line at 16088 Bear Valley Rd shown in the Plan. The Contractor shall include the placement of a weed barrier over the soil before placement of the gravel. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

84) Remove Fence & Gate, APN 3093-611-23 (F)

The Contractor shall remove the existing fencing, gate, track, posts, and hardware as needed to construct the new driveway and graded slopes at 16088 Bear Valley Rd. The remaining fencing left shall be tensioned and connected to an existing or new terminal post as needed. The existing gates, and hardware are to be left onsite with the property owner. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

85) Remove & Dispose PCC Drive Approach/Driveway, APN 3093-611-01 (F)

The Contractor shall demolish and dispose of the existing concrete improvements identified in the Plan per 3-12 & 401 of the Specifications at 12170 Seventh Ave. The Contractor shall include all labor, saw cutting, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

86) Remove & Dispose AC Driveway, APN 3093-611-01 (F)

The Contractor shall remove and dispose of asphalt driveways identified in the Plan per 3-12 & 401 of the Specifications at 12170 Seventh Ave off Tokay St. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

87) Construct 24' PCC Commercial Drive Approach Per City Std S-03, APN 3093-611-01 (F)

The Contractor shall construct a PCC commercial drive approach per the City of Victorville Std Dwg S-03 and 303 of the Specifications at 12170 Seventh Ave. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

88) Construct 3" AC Driveway/Parking Lot, APN 3093-611-01 (F)

The Contractor shall grade and construct a 3" thick compacted minimum residential driveway/parking lot as indicated on the Plan at 12170 Seventh Ave. The AC class and grade shall comply with Section 203 of the specifications for **B PG 64-10**. No crushed aggregate base material shall be used under the AC. The contractor shall perform the earthwork & subgrade preparation per 300, 301-1 of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. A tack coat shall be applied to the surfaces of all cold pavement joints and the like immediately before the AC is placed. The Contractor shall include all the subgrade preparation, asphalt, tack coat, labor, equipment, tools, trucking, distributing, spreading, rolling, incidental items and work related costs associated with this Work per Contract Unit Price. No additional compensation will be allowed therefore.

89) Remove & Dispose AC Driveway, APN 3091-341-24 (F)

The Contractor shall remove and dispose the asphalt driveway identified in the Plan per 3-12 & 401 of the Specifications at 16120 Bear Valley Rd off Seventh Ave. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

90) Construct 35' PCC Commercial Drive Approach Per City Std S-03, APN 3091-341-24 (F)

The Contractor shall construct a modified PCC commercial drive approach per the City of Victorville Std Dwg S-03 and 303 of the Specifications at 16120 Bear Valley Rd on Seventh Ave. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include

all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

91) Construct 4" AC Driveway, APN 3091-341-24 (F)

The Contractor shall grade and construct a 4.0" thick compacted minimum AC driveway as indicated on the Plan at 16120 Bear Valley Rd on Seventh Ave. The AC class and grade shall comply with *Section 203* of the specifications for **B PG 64-10**. No new crushed aggregate base material shall be used under the AC. The contractor shall perform the earthwork & subgrade preparation per *300, 301-1* of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. A tack coat shall be applied to the surfaces of all cold pavement joints and the like immediately before the AC is placed. The Contractor shall include all the subgrade preparation, asphalt, tack coat, labor, equipment, tools, trucking, distributing, spreading, rolling, incidental items and work related costs associated with this Work per Contract Unit Price. No additional compensation will be allowed therefore.

92) Construct PCC Residential Drive Approach Per City Std S-02, APN 3093-601-12 (F)

The Contractor shall construct a PCC residential drive approach per City Std S-02, W=14' as indicated in the Plan and *303* of the Specifications at 16088 Jasmine St. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per *301-1* to *301-2* of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

93) Construct 4" PCC Driveway, APN 3093-601-12 (F)

The Contractor shall construct a 4" thick PCC driveway per *303* of the Specifications at 16088 Jasmine St. The contractor shall perform the earthwork & subgrade preparation per *300 301-1* of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. The Contractor shall include all labor, earthwork, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

94) Construct PCC Commercial Drive Approach Per City Std S-03, STA 23+61.80 (F)

The Contractor shall construct a PCC commercial drive approach per the City Std S-03, W=12' and *303* of the Specifications. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per *301-1* to *301-2* of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

95) Construct PCC Commercial Drive Approach Per City Std S-03, STA 23+64.36 (F)

The Contractor shall construct a PCC commercial drive approach per the City Std S-03, W=9.5' and *303* of the Specifications. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per *301-1* to *301-2* of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related

costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

96) Remove & Dispose AC Driveway, APN 3093-591-13 (F)

The Contractor shall remove and dispose the asphalt driveway identified in the Plan per 3-12 & 401 of the Specifications at 16090 Lindero St off Seventh Ave. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

97) Construct PCC Residential Drive Approach Per City Std S-02, APN 3093-591-13 (F)

The Contractor shall construct a PCC residential drive approach per City Std S-02, W=16' as indicated in the Plan and 303 of the Specifications at 16090 Lindero St. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

98) Construct 3" AC Driveway, APN 3093-591-13 (F)

The Contractor shall grade and construct a 3.0" compacted minimum thickness AC residential drive approach/driveway as indicated on the Plan at 16090 Lindero St. The AC class and grade shall comply with Section 203 of the specifications for **B PG 64-10**. No crushed aggregate base material shall be used under the AC. The contractor shall perform the earthwork & subgrade preparation per 300, 301-1 of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. A tack coat shall be applied to the surfaces of all cold pavement joints and the like immediately before the AC is placed. The Contractor shall include all the subgrade preparation, asphalt, tack coat, labor, equipment, tools, trucking, distributing, spreading, rolling, incidental items and work related costs associated with this Work per Contract Unit Price. No additional compensation will be allowed therefore.

99) Remove & Dispose AC Driveway, APN 3093-591-12 (F)

The Contractor shall remove and dispose the asphalt driveway identified in the Plan per 3-12 & 401 of the Specifications at 16085 Huerta St. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

100) Construct PCC Residential Drive Approach Per City Std S-02, APN 3093-591-12 (F)

The Contractor shall construct a PCC residential drive approach per the City Std S-02, W=16' as indicated in the Plan and 303 of the Specifications at 16085 Huerta St. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

101) Construct 3" AC Driveway, APN 3093-591-12 (F)

The Contractor shall grade and construct a 3.0" compacted minimum thickness AC residential drive approach/driveway as indicated on the Plan at 16085 Huerta St. The AC class and grade shall

comply with *Section 203* of the specifications for **B PG 64-10**. No crushed aggregate base material shall be used under the AC. The contractor shall perform the earthwork & subgrade preparation per *300, 301-1* of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. A tack coat shall be applied to the surfaces of all cold pavement joints and the like immediately before the AC is placed. The Contractor shall include all the subgrade preparation, asphalt, tack coat, labor, equipment, tools, trucking, distributing, spreading, rolling, incidental items and work related costs associated with this Work per Contract Unit Price. No additional compensation will be allowed therefore.

102) Remove & Dispose AC Driveway, APN 3093-581-27 (F)

The Contractor shall remove and dispose of asphalt driveways identified in the Plan per *3-12 & 401* of the Specifications at 12420 Seventh Ave. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

103) Construct PCC Residential Drive Approach Per City Std S-02, APN 3093-581-27 (F)

The Contractor shall construct a 16' wide PCC residential drive approach per City Std S-02, W=16' as indicated in the Plan and *303* of the Specifications at 12420 Seventh Ave. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per *301-1* to *301-2* of the Specifications prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

104) Construct 4" PCC Driveway, APN 3093-581-27 (F)

The Contractor shall construct a 4" thick PCC driveway per *303* of the Specifications at 12420 Seventh Ave. The contractor shall perform the earthwork & subgrade preparation per *300 301-1* of the Specifications prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. The Contractor shall include all labor, earthwork, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

105) Construct 3" AC Driveway, APN 3093-581-27 (F)

The Contractor shall grade and construct a 3.0" compacted minimum thickness AC residential drive approach/driveway as indicated on the Plan at 12420 Seventh Ave. The AC class and grade shall comply with *Section 203* of the specifications for **B PG 64-10**. No crushed aggregate base material shall be used under the AC. The contractor shall perform the earthwork & subgrade preparation per *300, 301-1* of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. A tack coat shall be applied to the surfaces of all cold pavement joints and the like immediately before the AC is placed. The Contractor shall include all the subgrade preparation, asphalt, tack coat, labor, equipment, tools, trucking, distributing, spreading, rolling, incidental items and work related costs associated with this Work per Contract Unit Price. No additional compensation will be allowed therefore.

106) Remove and Replace Fence & Gate, APN 3093-581-27 (F)

The Contractor shall remove and reinstall/replace the fence posts, track, hardware & gate to match existing fence/gate if needed to construct the new driveway at 12420 Seventh Ave. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs

associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

107) Remove & Dispose AC Driveway, APN 3093-581-28 (F)

The Contractor shall remove and dispose of asphalt driveways identified in the Plan per 3-12 & 401 of the Specifications at 12440 Seventh Ave. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

108) Remove & Dispose PCC Driveway, APN 3093-581-28 (F)

The Contractor shall demolish and dispose of the existing concrete improvements identified in the Plan per 3-12 & 401 of the Specifications at 12440 Seventh Ave. The Contractor shall include all labor, saw cutting, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

109) Construct PCC Residential Drive Approach Per City Std S-02, APN 3093-581-28 (F)

The Contractor shall construct a PCC residential drive approach per City Std S-02, W=12' & W=16' as indicated in the Plan and 303 of the Specifications at 12440 Seventh Ave. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

110) Construct 4" PCC Driveway, APN 3093-581-28 (F)

The Contractor shall construct a 4" thick PCC driveway per 303 of the Specifications at 12440 Seventh Ave. The contractor shall perform the earthwork & subgrade preparation per 300 301-1 of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. The Contractor shall include all labor, earthwork, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

111) Remove and Replace Gates, APN 3093-581-28 (F)

The Contractor shall remove and replace the rolling gate, concrete mow strip, v-track, & misc hardware to match the existing gate to be level with the top of the CMU/wrought iron fence wall to function with the construct of the new driveway at 12440 Seventh Ave. The contractor shall perform all earthwork required per 300 of the Specifications to install the new gate. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

112) Remove & Dispose AC Driveway, APN 3093-581-29 (F)

The Contractor shall remove and dispose of asphalt driveways identified in the Plan per 3-12 & 401 of the Specifications at 12456 Seventh Ave. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

113) Remove & Dispose PCC Driveway, APN 3093-581-29 (F)

The Contractor shall demolish and dispose of the existing concrete improvements identified in the Plan per 3-12 & 401 of the Specifications at 12456 Seventh Ave. The Contractor shall include all labor, saw cutting, trucking, disposal, equipment, tools, incidental items and work related costs

associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

114) Construct PCC Residential Drive Approach Per City Std S-02, APN 3093-581-29 (F)

The Contractor shall construct a PCC residential drive approach per City Std S-02, W=12' & W=16' as indicated in the Plan and 303 of the Specifications at 12456 Seventh Ave. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

115) Construct 4" PCC Driveway, APN 3093-581-29 (F)

The Contractor shall construct a 4" thick PCC driveway per 303 of the Specifications at 12456 Seventh Ave. The contractor shall perform the earthwork & subgrade preparation per 300 301-1 of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. The Contractor shall include all labor, earthwork, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

116) Remove & Reconstruct Landscaping, APN 3093-581-29 (F)

The Contractor shall remove the landscaping and restore it to match the existing at 12456 Seventh Ave for the reconstruction of the circle driveway as indicated per the Plan. This Work shall include the removal and replacement of landscape PCC curb as needed, removal & replacement/placement of landscape rock/gravel and placement of weed barrier between soil and landscape rock. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

117) Remove & Dispose AC Driveway, APN 3093-581-30 (F)

The Contractor shall remove and dispose of asphalt driveways identified in the Plan per 3-12 & 401 of the Specifications at 12474 Seventh Ave. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

118) Construct PCC Residential Drive Approach Per City Std S-02, APN 3093-581-30 (F)

The Contractor shall construct a 16' wide PCC residential drive approach per City Std S-02, W=16' as indicated in the Plan and 303 of the Specifications at 12474 Seventh Ave. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

119) Construct 4" PCC Driveway, APN 3093-581-30 (F)

The Contractor shall construct a 4" thick PCC driveway per 303 of the Specifications at 12474 Seventh Ave. The contractor shall perform the earthwork & subgrade preparation per 300 301-1 of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as

shown on the plan. The Contractor shall include all labor, earthwork, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

120) Remove & Dispose AC Driveway, APN 3093-581-31 (F)

The Contractor shall remove and dispose of asphalt driveways identified in the Plan per 3-12 & 401 of the Specifications at 12498 Seventh Ave. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

121) Construct PCC Residential Drive Approach Per City Std S-02, APN 3093-581-31 (F)

The Contractor shall construct a 16' wide PCC residential drive approach per City Std S-02, W=16' as indicated in the Plan and 303 of the Specifications at 12498 Seventh Ave. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

122) Construct 4" PCC Driveway, APN 3093-581-31 (F)

The Contractor shall construct a 4" thick PCC driveway per 303 of the Specifications at 12498 Seventh Ave. The contractor shall perform the earthwork & subgrade preparation per 300 301-1 of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. The Contractor shall include all labor, earthwork, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

123) Remove & Dispose AC Driveway, APN 3093-451-28 (F)

The Contractor shall remove and dispose of asphalt driveways identified in the Plan per 3-12 & 401 of the Specifications at 12508 Seventh Ave. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

124) Remove & Dispose PCC Driveway, APN 3093-451-28 (F)

The Contractor shall demolish and dispose of the existing concrete improvements identified in the Plan per 3-12 & 401 of the Specifications at 12508 Seventh Ave. The Contractor shall include all labor, saw cutting, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

125) Construct PCC Residential Drive Approach Per City Std S-02, APN 3093-451-28 (F)

The Contractor shall construct a PCC residential drive approach per City Std S-02, W=16' as indicated in the Plan and 303 of the Specifications at 12508 Seventh Ave. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

126) Construct 4" PCC Driveway, APN 3093-451-28 (F)

The Contractor shall construct a 4" thick PCC driveway per 303 of the Specifications at 12508 Seventh Ave. The contractor shall perform the earthwork & subgrade preparation per 300 301-1 of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. The Contractor shall include all labor, earthwork, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

127) Remove & Dispose AC Driveway, APN 3093-451-29 (F)

The Contractor shall remove and dispose of asphalt driveways identified in the Plan per 3-12 & 401 of the Specifications at 12528 Seventh Ave. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

128) Remove & Dispose PCC Driveway & Curb, APN 3093-451-29 (F)

The Contractor shall demolish and dispose of the existing concrete improvements identified in the Plan per 3-12 & 401 of the Specifications at 12528 Seventh Ave. The Contractor shall include all labor, saw cutting, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

129) Construct PCC Residential Drive Approach Per City Std S-02, APN 3093-451-29 (F)

The Contractor shall construct a PCC residential drive approach per City Std S-02, W=16' as indicated in the Plan and 303 of the Specifications at 12528 Seventh Ave. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

130) Construct 4" PCC Driveway, APN 3093-451-29 (F)

The Contractor shall construct a 4" thick PCC driveway per 303 of the Specifications at 12528 Seventh Ave. The contractor shall perform the earthwork & subgrade preparation per 300 & 301-1 of the Specifications. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. The Contractor shall include all labor, earthwork, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

131) Remove Chain Link Fence & Gate, APN 3093-451-29 (F)

The Contractor shall remove chain link fence, posts, hardware & gate as indicated on the Plan for the construction of the PCC curb and driveway at 12528 Seventh Ave. The Contractor shall include all labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

132) Construct 4' Chain Link Fence, APN 3093-451-29 (F)

The Contractor shall construct a 4' chain link fence, posts, & hardware to match the existing fence as indicated on the Plan adjacent to the new PCC curb and driveway at 12528 Seventh Ave per 304-3 of the Specifications. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

133) Construct 4'x16' Chain Link Gate, APN 3093-451-29 (F)

The Contractor shall construct a swinging 4'x16' chain link gate, & hardware to match the existing fence as indicated on the Plan adjacent to the new PCC curb and driveway at 12528 Seventh Ave per 304-3 of the Specifications. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

134) Construct Variable Height PCC Curb Per City Std S-09, APN 3093-451-29 (F)

The Contractor shall construct a variable height PCC curb modified as needed per City Std Dwg S-09 in the Plan and 303 of the Specifications as indicated on the Plan at 12528 Seventh Ave on each side of the driveway. No aggregate base is required under the curb. The contractor shall perform earthwork & subgrade preparation per 300 & 301-1 of the Specifications. The Contractor shall include all the labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

135) Restore Landscaping, APN 3093-451-29 (F)

The Contractor shall restore the landscaping adjacent to the new driveways at 12528 Seventh Ave. This work shall include but not be limited to replacing the onsite PCC landscape curb removed and restoring the landscape rock. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

136) Remove & Dispose AC Driveway, APN 3093-451-30 (F)

The Contractor shall remove and dispose of asphalt driveways identified in the Plan per 3-12 & 401 of the Specifications at 12546 Seventh Ave. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

137) Remove & Dispose PCC Driveway & Curb, APN 3093-451-30 (F)

The Contractor shall demolish and dispose of the existing concrete improvements identified in the Plan per 3-12 & 401 of the Specifications at 12546 Seventh Ave. The Contractor shall include all labor, saw cutting, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

138) Construct PCC Residential Drive Approach Per City Std S-02, APN 3093-451-30 (F)

The Contractor shall construct a PCC residential drive approach per City Std S-02, W=12' as indicated in the Plan and 303 of the Specifications at 12546 Seventh Ave. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

139) Construct 4" PCC Driveway, APN 3093-451-30 (F)

The Contractor shall construct a 4" thick PCC driveway per 303 of the Specifications at 12546 Seventh Ave. The contractor shall perform the earthwork & subgrade preparation per 300, 301-1 of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. The Contractor shall include all labor, earthwork, materials, equipment, tools,

incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

140) Construct Variable Height PCC Curb, APN 3093-451-30 (F)

The Contractor shall construct a variable height PCC curb modified as needed per City Std Dwg S-09 in the Plan and 303 of the Specifications as indicated on the Plan at 12546 Seventh Ave on each side of the driveway. No aggregate base is required below the curb. The contractor shall perform earthwork & subgrade preparation per 300 & 301-1 of the Specifications. The Contractor shall include all the labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

141) Remove Chain Link Fence & Gate, APN 3093-451-30 (F)

The Contractor shall remove the chain link fence, posts, hardware & gate as indicated on the Plan for the construction of the PCC curb and driveway at 12546 Seventh Ave. The Contractor shall include all labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

142) Construct 4' Chain Link Fence, APN 3093-451-30 (F)

The Contractor shall construct a 4' chain link fence, posts, & hardware to match the existing fence as indicated on the Plan adjacent to the new PCC curb and driveway at 12546 Seventh Ave per 304-3 of the Specifications. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

143) Construct 4'x12' Chain Link Gates, APN 3093-451-30 (F)

The Contractor shall construct swinging 4'x12' chain link gates, & hardware to match the existing fence as indicated on the Plan adjacent to the new PCC curb and driveway at 12546 Seventh Ave per 304-3 of the Specifications. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

144) Restore Landscaping, APN 3093-451-30 (F)

The Contractor shall restore the landscaping adjacent to the new driveways at 12546 Seventh Ave. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

145) Remove & Dispose PCC Drive Approach & AC Driveway, APN 3093-381-03 (F)

The Contractor shall demolish and dispose of the existing concrete improvements identified in the Plan per 3-12 & 401 of the Specifications at 12525 Seventh Ave. The Contractor shall include all labor, saw cutting, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

146) Construct PCC Residential Drive Approach Per City Std S-02, APN 3091-381-03 (F)

The Contractor shall construct a PCC residential drive approach per City Std S-02, W=15' as indicated in the Plan and 303 of the Specifications at 12525 Seventh Ave. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

147) Construct 3" AC Driveway, APN 3091-381-03 (F)

The Contractor shall grade and construct a 3" thick compacted minimum residential driveway to a width matching the existing per the details on the Plan at 12525 Seventh Ave. The AC class and grade shall comply with *Section 203* of the specifications for **B PG 64-10**. No crushed aggregate base material shall be used under the AC. The contractor shall perform the earthwork & subgrade preparation per *300, 301-1* of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. A tack coat shall be applied to the surfaces of all cold pavement joints and the like immediately before the AC is placed. The Contractor shall include all the subgrade preparation, asphalt, tack coat, labor, equipment, tools, trucking, distributing, spreading, rolling, incidental items and work related costs associated with this Work per Contract Unit Price. No additional compensation will be allowed therefore.

148) Remove & Dispose PCC Drive Approach & AC Driveway, APN 3093-381-02 (F)

The Contractor shall demolish and dispose of the existing concrete improvements identified in the Plan per *3-12 & 401* of the Specifications at 12545 Seventh Ave. The Contractor shall include all labor, saw cutting, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

149) Construct PCC Residential Drive Approach Per City Std S-02, APN 3091-381-02 (F)

The Contractor shall construct a PCC residential drive approach per City Std S-02, W=12' as indicated in the Plan and *303* of the Specifications at 12545 Seventh Ave. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per *301-1 to 301-2* of the Specifications prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

150) Construct 3" AC Driveway, APN 3091-381-02 (F)

The Contractor shall grade and construct a 3" thick compacted minimum AC residential driveway to a width matching the existing per the details on the Plan at 12545 Seventh Ave. The AC class and grade shall comply with *Section 203* of the specifications for **B PG 64-10**. No crushed aggregate base material shall be used under the AC. The contractor shall perform the earthwork & subgrade preparation per *300, 301-1* of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. A tack coat shall be applied to the surfaces of all cold pavement joints and the like immediately before the AC is placed. The Contractor shall include all the subgrade preparation, asphalt, tack coat, labor, equipment, tools, trucking, distributing, spreading, rolling, incidental items and work related costs associated with this Work per Contract Unit Price. No additional compensation will be allowed therefore.

151) Remove & Dispose PCC Driveway, APN 3091-381-01 (F)

The Contractor shall demolish and dispose of the existing concrete improvements identified in the Plan per *3-12 & 401* of the Specifications at 12575 Seventh Ave. The Contractor shall include all labor, saw cutting, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

152) Construct PCC Residential Drive Approach Per City Std S-02, APN 3091-381-01 (F)

The Contractor shall construct a PCC residential drive approach per City Std S-02, W=12' as indicated in the Plan and 303 of the Specifications at 12575 Seventh Ave. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

153) Remove & Dispose PCC Drive Approach, APN 3091-111-01 (F)

The Contractor shall demolish and dispose of the existing concrete improvements identified in the Plan per 3-12 & 401 of the Specifications at STA 49+01.26. The Contractor shall include all labor, saw cutting, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

154) Construct PCC Commercial Drive Approach Per City Std S-03, APN 3091-111-01 (F)

The Contractor shall construct a PCC commercial drive approach per City Std S-03, W=22.5' as indicated on the Plan and 303 of the Specifications. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

155) Remove & Dispose AC Driveway, APN 3093-421-27 (F)

The Contractor shall remove and dispose of asphalt driveways identified in the Plan per 3-12 & 401 of the Specifications at 12832 Seventh Ave. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

156) Construct PCC Residential Drive Approach Per City Std S-02, APN 3093-421-27 (F)

The Contractor shall construct a PCC residential drive approach per City Std S-02, W=12' & W=16', as indicated in the Plan and 303 of the Specifications at 12832 Seventh Ave. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

157) Construct 3" AC Driveway, APN 3093-421-27 (F)

The Contractor shall grade and construct a 3" thick compacted minimum residential driveway to a width matching the existing per the details on the Plan at 12832 Seventh Ave. The AC class and grade shall comply with Section 203 of the specifications for B PG 64-10. No crushed aggregate base material shall be used under the AC. The contractor shall perform the earthwork & subgrade preparation per 300, 301-1 of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. A tack coat shall be applied to the surfaces of all cold pavement joints and the like immediately before the AC is placed. The Contractor shall include all the subgrade preparation, asphalt, tack coat, labor, equipment, tools, trucking, distributing,

spreading, rolling, incidental items and work related costs associated with this Work per Contract Unit Price. No additional compensation will be allowed therefore.

158) Remove Fence & Gate, APN 3093-421-27 (F)

The Contractor shall remove the chain link fence, posts, hardware & gates as indicated on the Plan to construct the new driveway at 12832 Seventh Ave. The Contractor shall include all labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

159) Construct 4'x12' Rolling Chain Link Gate, APN 3093-421-27 (F)

The Contractor shall construct rolling 4'x12' chain link gates, & hardware to match the existing fence as indicated on the Plan adjacent to the new PCC curb and driveway at 12832 Seventh Ave per 304-3 of the Specifications. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

160) Construct 4'x16' Rolling Chain Link Gate, APN 3093-421-27 (F)

The Contractor shall construct rolling 4'x16' chain link gate, & hardware to match the existing fence as indicated on the Plan adjacent to the new PCC curb and driveway at 12832 Seventh Ave per 304-3 of the Specifications. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

161) Construct 4' Chain Link Fence, APN 3093-421-27 (F)

The Contractor shall construct a 4' chain link fence, posts, & hardware to match the existing fence as indicated on the Plan at 12832 Seventh Ave per 304-3 of the Specifications. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

162) Remove & Dispose Tree & Shrubs, APN 3093-421-27 (F)

The Contractor shall remove & dispose of the tree and shrubs as indicated on the Plan per 300-1 of the Specifications to construct the new driveway & fence at 12832 Seventh Ave. The Contractor shall include all labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

163) Remove & Dispose AC Driveway, APN 3093-421-28 (F)

The Contractor shall remove and dispose of asphalt driveways identified in the Plan per 3-12 & 401 of the Specifications at 12846 Seventh Ave. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

164) Construct PCC Residential Drive Approach Per City Std S-02, APN 3093-421-28 (F)

The Contractor shall construct a PCC residential drive approach per City Std S-02, W=12' & W=16' as indicated in the Plan and 303 of the Specifications at 12846 Seventh Ave. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

165) Construct 4" PCC Driveway, APN 3093-421-28 (F)

The Contractor shall construct a 4" thick PCC driveway per 303 of the Specifications at 12846 Seventh Ave. The contractor shall perform the earthwork & subgrade preparation per 300, 301-1 of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. The Contractor shall include all labor, earthwork, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

166) Remove Fence & Gate, APN 3093-421-28 (F)

The Contractor shall remove and reinstall/replace the fence posts, hardware & gate to match existing fence/gate as needed to construct the new driveway at 12846 Seventh Ave. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

167) Construct 4'x12' Rolling Chain Link Gate, APN 3093-421-28 (F)

The Contractor shall construct rolling 4'x12' chain link gates, & hardware to match the existing fence as indicated on the Plan adjacent to the new PCC curb and driveway at 12846 Seventh Ave per 304-3 of the Specifications. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

168) Construct 4'x16' Rolling Chain Link Gate, APN 3093-421-28 (F)

The Contractor shall construct rolling 4'x16' chain link gate, & hardware to match the existing fence as indicated on the Plan adjacent to the new PCC curb and driveway at 12846 Seventh Ave per 304-3 of the Specifications. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

169) Construct 4' Chain Link Fence, APN 3093-421-28 (F)

The Contractor shall construct a 4' chain link fence, posts, & hardware to match the existing fence as indicated on the Plan at 12846 Seventh Ave per 304-3 of the Specifications. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

170) Remove & Restore Rock Landscaping, APN 3093-421-28 (F)

The Contractor shall remove & restore the rock landscaping adjacent to the new driveway at 12846 Seventh Ave to match existing. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

171) Remove & Dispose AC Driveway, APN 3091-011-11 (F)

The Contractor shall remove and dispose of asphalt driveways identified in the Plan per 3-12 & 401 of the Specifications at 12835 Seventh Ave. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

172) Remove, Dispose & Construct Landscape Curb, APN 3091-011-11 (F)

The Contractor shall remove, dispose & construct a PCC landscape curb to match existing as indicated on the Plan at 12835 Seventh Ave. The Contractor shall include all labor, materials,

equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

173) Construct PCC Residential Drive Approach Per City Std S-02/S-02B, APN 3091-011-11 (F)

The Contractor shall construct a PCC residential drive approach per City Std S-02 & S-02B, W=16' as indicated in the Plan and 303 of the Specifications at 12835 Seventh Ave. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

174) Construct 4" PCC Driveway, APN 3091-011-11 (F)

The Contractor shall construct a 4" thick PCC driveway per 303 of the Specifications at 12835 Seventh Ave. The contractor shall perform the earthwork & subgrade preparation per 300, 301-1 of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. The Contractor shall include all labor, earthwork, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

175) Construct Gravel Driveway, APN 3091-011-11 (F)

The Contractor shall re-construct a gravel driveway at 12835 Seventh Ave to match existing. The Contractor shall perform the earthwork & subgrade preparation per 300, 301-1 of the Specifications and Special Provisions prior to placement of gravel. The Contract may recycle the existing gravel or replace it with new gravel matching existing. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. The Contractor shall also include the removal of conflict landscape curbing and placement of new PCC landscape curb to match existing to connect to the back of the new curb in the right of way. The Contractor shall include all labor, earthwork, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

176) Remove Fence & Gates, APN 3091-011-11 (F)

The Contractor shall remove the existing fence, posts, hardware & gates as indicated on the Plan to construct the new driveway at 12846 Seventh Ave. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

177) Construct 4'x16' Rolling Chain Link Gate, APN 3091-011-11 (F)

The Contractor shall construct rolling 4'x16' chain link gate, & hardware to match the existing fence as indicated on the Plan at 12835 Seventh Ave per 304-3 of the Specifications. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

178) Construct 4' Chain Link Fence, APN 3091-011-11 (F)

The Contractor shall construct a 4' chain link fence, posts, & hardware to match the existing fence as indicated on the Plan at 12835 Seventh Ave per 304-3 of the Specifications. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs

associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

179) Remove & Dispose AC Driveway, APN 3091-011-12 (F)

The Contractor shall remove and dispose of asphalt driveways identified in the Plan per 3-12 & 401 of the Specifications at 12851 Seventh Ave. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

180) Construct PCC Residential Drive Approach Per City Std S-02, APN 3091-011-12 (F)

The Contractor shall construct a PCC residential drive approach per City S-02, W=16' as indicated in the Plan and 303 of the Specifications at 12851 Seventh Ave. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

181) Remove Gate, APN 3091-011-12 (F)

The Contractor shall remove the existing gate, posts, and hardware as needed to grade the new northerly driveway at 12851 Seventh Ave. The Contractor shall include all labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

182) Construct 4'x16' Swing Chain Link Gate, APN 3091-011-12 (F)

The Contractor shall construct 4'x16' swing chain link gate, & hardware to match the existing fence as indicated on the Plan at 12851 Seventh Ave per 304-3 of the Specifications. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

183) Remove & Dispose Cypress Tree, APN 3091-011-13 (F)

The Contractor shall remove & dispose the existing cypress tree as indicated on the Plan per 300-1 of the Specifications to construct the new sidewalk at 12867 Seventh Ave. The Contractor shall include all labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

184) Remove & Dispose PCC Drive Approach, APN 0477-494-01 (F)

The Contractor shall demolish and dispose of the existing concrete improvements identified in the Plan per 3-12 & 401 of the Specifications at 16137 Green Tree Blvd. The Contractor shall include all labor, saw cutting, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

185) Construct PCC Commercial Drive Approach Per City Std S-03, APN 0477-494-01 (F)

The Contractor shall construct a PCC commercial drive approach per City Std S-03, W=32' and 303 of the Specifications at 16137 Green Tree Blvd. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools,

incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

186) Construct 6" Curb Per City Std S-09, APN 0477-494-01 (F)

The Contractor shall construct a 6" curb per City Std S-09 and 303 of the Specifications as indicated in the Plan at 16137 Green Tree Blvd. The contractor shall perform subgrade preparation per 301-1 of the Specifications prior to placement of concrete. No aggregate base is required under the curb. The Contractor shall include all the labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

187) Construct 6" PCC Driveway, APN 0477-494-01 (F)

The Contractor shall construct a 6" thick PCC driveway per 303 of the Specifications at 16137 Green Tree Blvd. The contractor shall perform the earthwork & subgrade preparation per 301-1 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

188) Remove & Dispose AC Driveway, APN 3090-151-28 (F)

The Contractor shall remove and dispose the asphalt driveway identified in the Plan per 3-12 & 401 of the Specifications at 12959 Arrowhead Dr. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

189) Remove & Dispose PCC Driveway, APN 3090-151-28 (F)

The Contractor shall remove and dispose of the PCC driveway identified in the Plan per 3-12 & 401 of the Specifications at 12959 Arrowhead Dr. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

190) Relocate Wood Fence, APN 3090-151-28 (F)

The Contractor shall remove existing wood fence at 12959 Arrowhead Dr and reinstall it after construction of the sidewalk to the right of way line. The wood fence is composed of sawn 2x4 lumber, approximately 18" in height nailed to a bottom plate and embedded approximately 4 to 6 inches into the soil. The wood fence is composed of segments approximately 18 to 24 inches in length. If the Contractor disposes of the wood fence panels, the contractor shall be responsible for replacing/fabricating new fence panels. The Contractor shall include all labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

191) Construct PCC Residential Drive Approach Per City Std S-02, APN 3090-151-28 (F)

The Contractor shall construct a PCC residential drive approach per City Std S-02, W=16' as indicated in the Plan and 303 of the Specifications at 12959 Arrowhead Dr. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications and Special Provisions prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

192) Construct 4" PCC Driveway, APN 3090-151-28 (F)

The Contractor shall construct a 4" thick PCC driveway per 303 of the Specifications at 12959 Arrowhead Dr. The contractor shall perform the earthwork & subgrade preparation per 300 301-1

of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. The Contractor shall include all labor, earthwork, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

193) Remove & Dispose AC Driveway, APN 3090-151-29 (F)

The Contractor shall remove and dispose of asphalt driveways identified in the Plan per 3-12 & 401 of the Specifications at 12977 Arrowhead Dr. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

194) Remove & Dispose PCC Driveway, APN 3090-151-29 (F)

The Contractor shall remove and dispose of the PCC driveway identified in the Plan per 3-12 & 401 of the Specifications at 12977 Arrowhead Dr. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

195) Remove & Dispose Column & Rail Fence, APN 3090-151-29 (F)

The Contractor shall remove and dispose of the existing column and rail fence at 12977 Arrowhead Dr. The Contractor shall include all labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

196) Construct Column & Rail Fence, APN 3090-151-29 (F)

The Contractor shall construct a new column and rail fence to approximately match the existing fence at 12977 Arrowhead Dr as indicated on the Plan. The replacement column and rail fence will be composed of nine (9) columns with one rail per segment. The columns shall be constructed with 18" square, 6" thick PCC foundations. The columns will be composed of conventional wood framed boxes, 18" square by 36" tall including treated wood seal plates. The facing of the boxes will be composed of 7/16" OSB, building paper, expanded lath, drip edge, a coat of plaster not exceeding 1/2" in thickness and textured stucco color coat. Molding shall be placed around column and the top rounded and beveled to match the existing fence. The rails shall be composed of primed and painted 2"x12" sawn lumber. The Contractor shall include all labor, materials, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

197) Remove & Dispose Pyracantha, APN 3090-151-29 (F)

The Contractor shall remove & dispose the existing bushes as indicated on the Plan per 300-1 of the Specifications to construct the new sidewalk at 12977 Arrowhead Dr. The Contractor shall include all labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

198) Repair/Install 3/4" PVC Irrigation Pipe & 14 Bubblers Per City Std I-01, APN 3090-151-29 (F)

The Contractor shall install a 3/4" PVC irrigation system with 14 bubblers per City Std I-01 and connect to the existing system as indicated on the Plan at 12977 Arrowhead Dr. The Contractor shall include all labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

199) Plant Mohave Pyracantha, APN 3090-151-29 (F)

The Contractor shall plant shrubs immediately behind the column & rail fence as indicated on the Plan at 12977 Arrowhead Dr. A minimum of two (2) 5-gallon Mohave Pyracantha shrubs shall be planted between the columns, totaling 14 plants. The Contractor shall include all labor, materials,

disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

200) Construct PCC Residential Drive Approach Per City Std S-02, APN 3090-151-29 (F)

The Contractor shall construct a PCC residential drive approach per City Std S-02, W=16' as indicated in the Plan and 303 of the Specifications at 12977 Arrowhead Dr. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

201) Construct 4" PCC Driveway, APN 3090-151-29 (F)

The Contractor shall construct a 4" thick PCC driveway per 303 of the Specifications at 12977 Arrowhead Dr. The contractor shall perform the earthwork & subgrade preparation per 300 301-1 of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. The Contractor shall include all labor, earthwork, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

202) Remove & Dispose AC Drive Approach & PCC Driveway, APN 3090-151-30 (F)

The Contractor shall remove and dispose of asphalt driveways identified in the Plan per 3-12 & 401 of the Specifications at 12993 Arrowhead Dr. The Contractor shall include all labor, saw cutting, materials, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

203) Construct PCC Residential Drive Approach Per City Std S-02, APN 3090-151-30 (F)

The Contractor shall construct a PCC residential drive approach per City Std S-02, W=16' as indicated in the Plan and 303 of the Specifications at 12993 Arrowhead Dr. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

204) Construct 4" PCC Driveway, APN 3090-151-30 (F)

The Contractor shall construct a 4" thick PCC driveway per 303 of the Specifications at 12993 Arrowhead Dr. The class of concrete shall be 520-A-2500. The contractor shall perform the earthwork & subgrade preparation per 300, 301-1 of the Specifications and Special Provisions prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. The Contractor shall include 1/2" felt expansion joint adjoining the drive approach placed 3/4" below the finished surface. Self-leveling grey polyurethane joint sealant shall be placed on top of the expansion fiber level with the PCC surface. The Contractor shall include all labor, earthwork, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

205) Remove & Dispose PCC Drive Approach, Driveway, APN 3092-351-02 (F)

The Contractor shall demolish and dispose of the existing concrete improvements identified in the Plan per 3-12 & 401 of the Specifications at 16085 Yates Rd. The Contractor shall include all labor, saw cutting, trucking, disposal, equipment, tools, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

206) Construct PCC Residential Drive Approach Per City Std S-02B, APN 3092-351-02 (F)

The Contractor shall construct a PCC residential drive approach per City Std S-02B, W=10' & W=15' as indicated in the Plan and 303 of the Specifications at 16085 Yates Rd. The approach is the area enclosed by the expansion joints adjacent to the sidewalk and back face of curb & gutter including wings, ramp and 4' ADA compliant bypass. The contractor shall perform subgrade preparation and placement of untreated base materials per 301-1 to 301-2 of the Specifications prior to placement of concrete. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

207) Construct 4" PCC Driveway, APN 3092-351-02 (F)

The Contractor shall construct a 4" thick PCC driveway per 303 of the Specifications at 16085 Yates Rd. The contractor shall perform the earthwork & subgrade preparation per 300, 301-1 of the Specifications prior to placement of concrete. The earthwork shall include any cutting, filling and export of material from the driveway footprint and side slopes as shown on the plan. The Contractor shall include all labor, earthwork, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

208) Remove Guardrail (F)

The Contractor shall remove the existing metal beam guardrail (MBGR) as shown on the Plan, dispose of the wood posts and retain the metal beams and hardware for re-construction. The Contractor shall include all labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

209) Re-Construct Midwest Guardrail Per Caltrans Std Plan A77P2 (F)

The Contractor shall re-construct a Midwest Guardrail system per Caltrans Std Plan A77P2 Type 11D with one (1) in-line terminal system end treatment, one (1) end anchor assembly and metal beams utilizing the retained hardware from the existing MBGR removed. New W6x15x8' steel posts with 8"x8" notched wood blocks per A77N2 shall be used to replace the wood posts from the old system. Existing hardware damaged through careless, or negligent construction activities & removal shall become the responsibility of the Contractor to replace. The Contractor shall include all replacement hardware required to retrofit the old MBGR to new construction, materials labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

210) Construct Midwest Guardrail Per Caltrans Std Plan A77P2 (F)

The Contractor shall construct a Midwest Guardrail system per Caltrans Std Plan A77P2 Type 11D with one (1) in-line terminal system end treatment, one (1) end anchor assembly utilizing the retained end treatment hardware from the MBGR removed and new metal beams. W6x15x8' steel posts with 8"x8" notched wood blocks per A77N2 shall be used. The Contractor shall include all replacement hardware required to retrofit the old end treatment/anchor assembly to new construction, materials labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

211) Construct Curb Opening Catch Basin with Gratings & Local Depression (F)

The Contractor shall construct a SPPWC 302-3 curb opening catch basin with 2 gratings, W=6.4', V= 4', H=0" and a SPPWC 313-3 local depression, case C per 303 of the Specifications. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. The contractor shall perform all earthwork per 300-3 of the Specifications. The earthwork shall include all excavating, compaction of bottom, backfilling and export of material adjacent to the wall as shown on the plan. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

212) Construct 24" Reinforced Concrete Pipe Storm Drain (F)

The Contractor shall construct a D-1500 24" RCP storm drain per 207-2 & 306 of the Specifications. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this bid item at the Contract Unit Price. No additional compensation will be allowed therefore.

213) Construct 24" Concrete Collar (F)

The Contractor shall construct a SPPWC 380-4 concrete collar per 306 of the Specifications. Portland cement concrete shall be used per Section 201-1 of the Specifications. The class of concrete shall be 560-C-3250. Std Dwg S-07 and 403 of the Specifications. Portland cement concrete shall be used per 201-1 of the Specifications. The class of concrete shall be 560-C-3250. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

214) Unclassified Cut (F)

Unclassified cut shall include excavation of existing base and subgrade soils to the structural section subgrade per 300-2 of the Specifications and Special Provisions of the roadbed. Segregated milling of existing base material and soils will be permitted. For excavations left overnight greater than six (6) inches in depth adjacent a traveled lane, a minimum 3:1 choker shall be provided along the edge of the lane. For excavations left overnight greater than 18 inches in depth adjacent a traveled lane, K-rail shall be provided along the edge of the lane. The Contractor shall recycle the existing base material from the road structural section for use as untreated base material. No base or subbase is located along Seventh Ave. Along Arrowhead Dr, the thickness of the base varies as determined by coring of samples up to six (6) inches. Spot checking of the base depths shall be performed to minimize the contamination of base by subgrade soils. There is approximately 2,100 CY of base to be removed from Arrowhead Dr and recycled and CMB. Commingling of base with subgrade soils is prohibited. Excess native subgrade will be exported from the project work area. The management of the stockpiles, unloading/loading of material, transport, etc shall be included in this bid item. The Contractor shall include all labor, materials, trucking, stockpiling, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore..

215) Unclassified Fill (F)

Unclassified fill earthwork shall include the fill and compaction of soil per 300-4 of the Specifications in the Public Right of Way. The Contractor shall include all the labor, equipment, tools, trucking, incidental items and work related costs associated with the bid item per the Contract Unit Price. No additional compensation will be allowed therefore.

216) Construct 2.0" Crushed Miscellaneous Base (F)

The Contractor shall place crushed miscellaneous base (CMB) per 200-2.4 of the Specifications to provide a minimum of two (2.0) inches of compacted subbase material. The CMB material shall

include a layer of the milled asphalt and a layer recycled base material from the road. Mixing of AC and base is prohibited. Imported material shall be furnished, if required to obtain the minimum thickness per this bid item. The contractor shall perform subgrade preparation and placement of untreated base materials for construction of this portion of the structural section for the road per 301-1 to 301-2 of the Specifications and Special Provisions. For excavations left overnight greater than twelve (12) inches in depth adjacent a traveled lane, a minimum 3:1 choker shall be provided along the edge of the lane if K-rail is not provided. The Contractor shall include all the materials, labor, equipment, tools, trucking, distributing, spreading, compaction, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

217) Construct 3.0" Crushed Miscellaneous Base (F)

The Contractor shall place crushed miscellaneous base (CMB) per 200-2.4 of the Specifications to provide a minimum of three (3.0) inches of compacted subbase material. The CMB material shall include a layer of the milled asphalt and a layer recycled base material from the road. Mixing of AC and base is prohibited. Imported material shall be furnished, if required to obtain the minimum thickness per this bid item. The contractor shall perform subgrade preparation and placement of untreated base materials for construction of this portion of the structural section for the road per 301-1 to 301-2 of the Specifications and Special Provisions. For excavations left overnight greater than twelve (12) inches in depth adjacent a traveled lane, a minimum 3:1 choker shall be provided along the edge of the lane if K-rail is not provided. The Contractor shall include all the materials, labor, equipment, tools, trucking, distributing, spreading, compaction, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

218) Construct 5.0" Crushed Miscellaneous Base (F)

The Contractor shall place crushed miscellaneous base (CMB) per 200-2.4 of the Specifications to provide a minimum of five (5.0) inches of compacted subbase material. The CMB material shall include a layer of the milled asphalt and a layer recycled base material from the road. Mixing of AC and base is prohibited. Imported material shall be furnished, if required to obtain the minimum thickness per this bid item. The contractor shall perform subgrade preparation and placement of untreated base materials for construction of this portion of the structural section for the road per 301-1 to 301-2 of the Specifications and Special Provisions. For excavations left overnight greater than twelve (12) inches in depth adjacent a traveled lane, a minimum 3:1 choker shall be provided along the edge of the lane if K-rail is not provided. The Contractor shall include all the materials, labor, equipment, tools, trucking, distributing, spreading, compaction, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

219) Construct 9.0" Crushed Miscellaneous Base (F)

The Contractor shall place crushed miscellaneous base (CMB) per 200-2.4 of the Specifications to provide a minimum of nine (9.0) inches of compacted subbase material. The CMB material shall include a layer of the milled asphalt and a layer recycled base material from the road. Mixing of AC and base is prohibited. Imported material shall be furnished, if required to obtain the minimum thickness per this bid item. The contractor shall perform subgrade preparation and placement of untreated base materials for construction of this portion of the structural section for the road per 301-1 to 301-2 of the Specifications and Special Provisions. For excavations left overnight greater than twelve (12) inches in depth adjacent a traveled lane, a minimum 3:1 choker shall be provided along the edge of the lane if K-rail is not provided. The Contractor shall include all the materials, labor, equipment, tools, trucking, distributing, spreading, compaction, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

220) Construct 6.0" Crushed Aggregate Base (F)

The Contractor shall furnish & place natural crushed aggregate base (CAB) per 200-2.2 of the Specifications to provide a minimum of six (6.0) inches of compacted material. The contractor shall perform placement of untreated base materials for construction of this portion of the structural section for the road per 301-2 of the Specifications and Special Provisions. For excavations left overnight greater than twelve (12) inches in depth adjacent a traveled lane, a minimum 3:1 choker shall be provided along the edge of the lane if K-rail is not provided. The Contractor shall include the materials, labor, equipment, tools, trucking, distributing, spreading, compaction, incidental items and work related costs associated with this Work at the Contract Unit Price. No additional compensation will be allowed therefore.

221) Construct 2.0" AC Pavement B-PG 64-28PM-R10 (F)

The Contractor shall furnish & place a minimum of 2.0 inches of compacted asphalt concrete (AC) per 302-5 of the Specifications and Special Provisions. The class and grade for the base course shall comply with 203-16 of the Specifications and Special Provisions for B-PG 64-28PM-R10. A tack coat of SS-h1 shall also be applied to any cold joint surface per 302-5.4. The Contractor shall include all materials, labor, equipment, tools, trucking, tack, distributing, spreading, rolling, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

222) Construct 4.0" AC Pavement B-PG 64-28PM-R10 (F)

The Contractor shall furnish & place a minimum of 4.0 inches of compacted asphalt concrete (AC) per 302-5 of the Specifications and Special Provisions. The class and grade for the base course shall comply with 203-16 of the Specifications and Special Provisions for B-PG 64-28PM-R10. A tack coat of SS-h1 shall also be applied to any cold joint surface per 302-5.4. The Contractor shall include all materials, labor, equipment, tools, trucking, tack, distributing, spreading, rolling, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

223) Apply Tack Coat (F)

The Contractor shall furnish & place a tack coat in between the asphalt base course and finish course if both layers are not placed the same day per 302.5.4 of the Specifications and Special Provisions. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

224) Construct 2.0" AC Pavement C2-PG 64-28PM-R0 (F)

The Contractor shall furnish & place a finish course a minimum of two (2) inches of compacted asphalt concrete (AC) over the base course of AC per 302-5 of the Specifications and Special Provisions. The class and grade for the course shall comply with 203-16 of the Specifications and Special Provisions for C2-PG 64-28PM-R0. A tack coat of SS-h1 shall also be applied to any cold joint surface per 302-5.4. The Contractor shall take one (1) 6-inch data core at the beginning, end and approximately every 750 feet of asphalt concrete pavement placed for three (3) of the five (5) lanes after all paving is complete from the center of the lane specified by the Engineer. The sample number, location, thickness of asphalt and base course shall be documented & photographed. The core sample location shall be backfilled with compacted base and the core reset with hot, PG 64-28PM liquid asphalt. The Contractor shall include all materials, labor, equipment, tools, trucking, tack, distributing, spreading, rolling, coring, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

225) Adjust Manhole to Grade & Construct Concrete Collar Per City Std S-07 (F)

The Contractor shall adjust manholes to grade and construct concrete collars per the City Std Dwg S-07 and *Section 403* of the Specifications. Portland cement concrete shall be used per *Section 201-1* of the Specifications. The class of concrete shall be 560-C-3250. The Contractor shall verify with the City prior to placement of concrete if the existing ring and cover is required to be replaced with a City provided ring and cover. If required after consulting with the City, the Contractor shall remove and replace the ring & cover, returning the old unit to the public works division. If the Contractor fails to communicate to determine if a new ring & cover are required and does not replace it prior to placement of PCC, the Contractor shall remove the new concrete collar and replace the manhole lid at their own expense. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

226) Construct Type D1-8 Curb Per SPPWC 120-3 (F)

The Contractor shall construct an 8" AC D1-8 curb per SPPWC per 302 of the Specifications as indicated in the Plan. The Contractor shall include all the labor, materials, tack coat, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

227) Relocate Mailbox

The Contractor shall relocate the mailbox as indicated on the Plan. The new location of the mailbox shall be offset six (6) to eight (8) inches from the face of curb. The bottom of the mailbox shall be 41" to 45" from the finished surface. The Contractor shall install a new 4"x4" painted steel post. The Contractor shall coordinate with the United States Postal Service as necessary for the relocation of the existing mailbox or mailbox cluster to determine the appropriate location. The Contractor shall include all labor, materials, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

SCHEDULE C – Seventh Ave & Arrowhead Dr Erosion Control

228) Mobilization & Demobilization – Erosion Control

- a) Mobilization for the installation of erosion control shall include all activities and associated costs for:
 - i) Transportation of personnel, equipment, supplies, and incidentals to the Work area;
 - ii) Establishment of offices, buildings, and other general facilities necessary for the Contractor to perform the Work; and
 - iii) Appurtenant work required for which payment is not specified elsewhere in the contract and approved by the Engineer.
- b) Demobilization shall consist of the removal of all personnel, equipment, offices, supplies not required or included in the contract from the project work area, incidentals and site cleanup at the completion of the Work for erosion control activities.

Payment will be made per 7-3.4. Progress payments will be made for items of work completed after the contractor can present proof of paid invoices or documentation of direct costs showing specific mobilization and demobilization costs and supporting evidence of the charges of suppliers, subcontractors, and others. The Contract Unit Price for mobilization and demobilization for the placement of erosion control will constitute full compensation for completion of the work and no additional compensation will be allowed therefore.

Payment will not be made under this item for the purchase costs of materials having a residual value, the purchase costs of materials to be incorporated in the project, or the purchase costs of operating supplies.

229) Place Hydroseed Protection (F)

This bid item contains an allowance of not to exceed the quantity listed in the bid scheduled (10,000 SY) without authorization from the Engineer. The Contractor will be compensated for the measured area coated with hydroseed protection along cut/fill graded slopes within the Public Right of Way. The Contractor shall estimate the quantity of coverage required prior to placement of material at the completion of rough grading operations. The City will not pay for excess material ordered and not used if the Contractor fails to measure the quantity of hydroseed protection needed. Hydroseed protection shall not be applied to flat, graded areas or on private property. The Contractor shall apply a two-step erosion control cover on cut/fill slopes graded for this project. The first step shall include placement of hydroseed utilizing mix 1 & wood fibers on the slopes. The second step shall include placement of fiber and tackfiber over the hydroseed/fiber mix on the slopes. The Contractor shall include all labor, materials, tools, equipment and incidental costs for this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

SCHEDULE D – Seventh Ave & Arrowhead Dr Striping

230) Prepare Temporary Traffic Control Plan(s) (F)

The Contractor shall obtain and submit temporary a traffic control plan (TCP) for approval per the requirements of the latest edition of the CA MUTCD, 3-8.2, 302-2.5 and 601 of the Specifications. One or more TCPs shall cover each stage of striping as the Contractor chooses to implement to complete the scope of Work. The TCP shall provide one open lane at all times in each direction of traffic. The TCP shall incorporate at a minimum arrow boards and delineators where needed. The Contractor shall include all labor, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

231) Implement Traffic Control (F)

The Contractor shall implement, maintain and remove temporary traffic control (TTC) devices per the approved TCPs. If the Contractor does not follow the TCPs and makes changes to TTC in the field without approval, a fine will be issued to the Contractor for each violation. TTC may include the following work and devices per an approved TCP:

- a) Temporary Traffic control;
 - i) Provide, place, and maintain barricades, signs, delineators, arrow boards, temporary reflective pavement markers, etc;
 - ii) Provide flaggers, pilot cars, etc;
 - iii) Furnish and install traffic delineation using “Cat Tracking,” temporary marking tape, or other approved media on the same working day as existing markings are removed, lost, including bicycle lanes, in locations consistent with the striping and marking plans;
 - iv) Provide, temporary detours as required approved TCP;
- b) Notifications;
 - i) Post No Parking signs as required with the appropriate vehicle code section(s) for towing of parked vehicles.

The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

232) Remove Conflict Striping (F)

The Contractor shall grind off all of the existing conflict striping, pavement markings and markers

not to exceed 1/4 of an inch in depth below the existing surface flush with the asphalt per 314-2 & 314-3 of the Specifications and Special Provisions shown or not shown in the Plan. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

233) Place 4" Thermoplastic Double Yellow Lane Line Pavement Striping (F)

The Contractor shall apply a 4" wide double yellow lane line thermoplastic striping and Type D retroreflective pavement markers per MUTCD Detail 22, 214, 314-1, 314-4 & 314-5 of the Specifications and Special Provisions. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

234) Place 4" Thermoplastic Two-Way Left-Turn Lane Pavement Striping (F)

The Contractor shall apply a 4" wide double yellow two-way left-turn lane line thermoplastic striping and Type D retroreflective pavement markers per MUTCD Detail 32, 214, 314-1, 314-4 & 314-5 of the Specifications and Special Provisions. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

235) Place 4" Thermoplastic White Lane Line Pavement Striping (F)

The Contractor shall apply a 4" wide white lane line thermoplastic striping and Type G retroreflective pavement markers per MUTCD Detail 12, 214, 314-1, 314-4 & 314-5 of the Specifications and Special Provisions. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

236) Place 4" Thermoplastic Continuous White Lane Line Pavement Striping (F)

The Contractor shall apply a 4" wide continuous white lane line thermoplastic striping and Type G retroreflective pavement markers per MUTCD Detail 12, 214, 314-1, 314-4 & 314-5 of the Specifications and Special Provisions. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

237) Place Thermoplastic White Channelizing Line Pavement Striping, Detail 38 (F)

The Contractor shall apply white thermoplastic channelizing line pavement striping and Type G retroreflective pavement markers per MUTCD Detail 38, 214, 314-1, 314-4 & 314-5 of the Specifications and Special Provisions. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

238) Place Thermoplastic White Channelizing Line Pavement Striping, Detail 38A (F)

The Contractor shall apply white thermoplastic channelizing line pavement striping and Type G retroreflective pavement markers per MUTCD Detail 38A, 214, 314-1 & 314-4 of the Specifications and Special Provisions. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

239) Place 4" Thermoplastic White Right Edge Line Pavement Striping (F)

The Contractor shall apply a 4" wide white thermoplastic right edge line pavement striping per MUTCD Detail 27B, 214, 314-1 & 314-4 of the Specifications and Special Provisions. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs

associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

240) Place Thermoplastic Lane Drop Marking (F)

The Contractor shall apply white thermoplastic lane drop markings per MUTCD 37B, 214, 314-1 & 314-4 of the Specifications and Special Provisions. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

241) Place Thermoplastic Type IV Arrow Pavement Marking (F)

The Contractor shall apply white thermoplastic type IV arrow pavement markings per 214, 314-1 & 314-4 of the Specifications and Special Provisions. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

242) Place Thermoplastic Type VI Arrow Pavement Marking (F)

The Contractor shall apply white thermoplastic type VI arrow pavement markings per 214, 314-1 & 314-4 of the Specifications and Special Provisions. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

243) Place Thermoplastic Type VII (L) Arrow Pavement Marking (F)

The Contractor shall apply white thermoplastic type VII (L) arrow pavement markings per 214, 314-1 & 314-4 of the Specifications and Special Provisions. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

244) Place Thermoplastic Crosswalk Pavement Marking (F)

The Contractor shall apply 12" wide white thermoplastic crosswalk pavement markings per 214, 314-1 & 314-4 of the Specifications and Special Provisions. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

245) Place 4" Thermoplastic Bicycle Lane Line Pavement Striping (F)

The Contractor shall apply a 4" wide white thermoplastic Bicycle Lane line pavement striping per MUTCD Detail 39, 214, 314-1 & 314-4 of the Specifications and Special Provisions. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

246) Place 4" Thermoplastic Bicycle Lane Intersection Line Pavement Striping (F)

The Contractor shall apply a 4" wide white thermoplastic Bicycle Lane Intersection line pavement striping per MUTCD Detail 39A, 214, 314-1 & 314-4 of the Specifications and Special Provisions. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

247) Place Thermoplastic Bicycle Lane Symbol & Arrow Pavement Marking (F)

The Contractor shall apply white thermoplastic bicycle lane symbol with helmet cyclist and arrow pavement markings per MUTCD A24A, A24C, 214, 314-1 & 314-4 of the Specifications and Special Provisions. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

248) Place Thermoplastic Shared Lane Pavement Marking (F)

The Contractor shall apply white thermoplastic shared lane pavement markings per the MUTCD, 214, 314-1 & 314-4 of the Specifications and Special Provisions. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

249) Place Thermoplastic White 12" Limit Line (F)

The Contractor shall apply white a thermoplastic 12" wide limit line pavement marking per MUTCD 3B-103 (CA) (where applicable), 214, 314-1 & 314-4 of the Specifications and Special Provisions. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

250) Place Thermoplastic White "STOP" Pavement Marking (F)

The Contractor shall apply a white thermoplastic "STOP" pavement marking per MUTCD 3B-103 (CA), 214, 314-1 & 314-4 of the Specifications and Special Provisions. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

251) Place Thermoplastic Ladder Crosswalk Pavement Marking (F)

The Contractor shall apply a yellow thermoplastic ladder crosswalk pavement markings with 12" wide rails and 2' wide rungs per 214, 314-1 & 314-4 of the Specifications, Special Provisions and Plan detail. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

252) Place Thermoplastic Yield Line Pavement Marking (F)

The Contractor shall apply white thermoplastic 2' by 3' isosceles triangle yield line pavement markings per 214, 314-1 & 314-4 of the Specifications, Special Provisions and Plan detail. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

253) Place Blue Retroreflective Pavement Markers (F)

The Contractor shall place blue retroreflective pavement markers (RPMs) per MUTCD Figure 3B-102(CA), 214-6, 314-1, 314-4 & 314-5 of the Specifications and Special Provisions. The Contractor shall include all material, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

254) Remove & Relocate Sign (F)

The Contractor shall remove and relocate (RR) the existing sign, post and sleeve as specified in the Plan in a new location as directed by the Engineer adjacent to the current location. The Contractor shall replace the existing breakaway anchor sleeve with a new unit and dispose of the old one. The Contractor shall include the materials, labor, equipment, tools, incidental items and work related costs associated with the bid item per the Contract Unit Price. No additional compensation will be allowed therefore.

255) Remove and Salvage Sign (F)

The Contractor shall remove and salvage (RS) the existing sign, post and sleeve as specified in the Plan and return it to the City Public Works Division at 14177 McArt Rd Victorville CA. The Contractor shall include the labor, equipment, tools, incidental items and work related costs

associated with the bid item per the Contract Unit Price. No additional compensation will be allowed therefore.

256) Install R81(CA) Sign (F)

The Contractor shall install the sign and post as specified in the Plan conforming to the latest CA MUTCD reflectivity, size and clearance requirements. The Contractor shall include the sign, 2 inch square galvanized grade 50 post, telescoping single breakaway anchor sleeve, hardware, material, labor, equipment, tools, incidental items and work related costs associated with the bid item per the Contract Unit Price. No additional compensation will be allowed therefore.

257) Install R81A(CA) Sign (F)

The Contractor shall install the sign as specified in the Plan conforming to the latest CA MUTCD reflectivity, size and clearance requirements on the post for the R81(CA) signs. The Contractor shall include the sign, hardware, material, labor, equipment, tools, incidental items and work related costs associated with the bid item per the Contract Unit Price. No additional compensation will be allowed therefore.

258) Install R81B(CA) Sign (F)

The Contractor shall install the sign as specified in the Plan conforming to the latest CA MUTCD reflectivity, size and clearance requirements on the post for the R81(CA) signs. The Contractor shall include the sign, hardware, material, labor, equipment, tools, incidental items and work related costs associated with the bid item per the Contract Unit Price. No additional compensation will be allowed therefore.

259) Install W74 (CA) Sign (F)

The Contractor shall install the sign removed from the light pole on Sheet 5 with a new post as specified in the Plan. The Contractor shall include the 2 inch square galvanized grade 50 post, telescoping single breakaway anchor sleeve, hardware, material, labor, equipment, tools, incidental items and work related costs associated with the bid item per the Contract Unit Price. No additional compensation will be allowed therefore.

260) Remove and Dispose Channelizer (F)

The Contractor shall remove and dispose (RD) the existing sign, post and sleeve as specified in the Plan. The Contractor shall include the labor, equipment, tools, incidental items and work related costs associated with the bid item per the Contract Unit Price. No additional compensation will be allowed therefore.

SCHEDULE E – Water Improvements

261) Mobilization & Demobilization

- a) Mobilization shall include all activities and associated costs for:
 - i) Transportation of personnel, equipment, supplies, and incidentals to the Work area;
 - ii) Establishment of offices, buildings, and other general facilities necessary for the Contractor to perform the Work; and
 - iii) Appurtenant work required for which payment is not specified elsewhere in the contract and approved by the Engineer.
- b) Demobilization shall consist of the removal of all personnel, equipment, offices, supplies not required or included in the contract from the project Work area, incidentals and site cleanup at the completion of the Work.

Payment will be made per 7-3.4. Progress payments will be made for items of work completed after the contractor can present proof of paid invoices or documentation of direct costs showing specific

mobilization and demobilization costs and supporting evidence of the charges of suppliers, subcontractors, and others. The Contract Unit Price for mobilization and demobilization will constitute full compensation for completion of the work and no additional compensation will be allowed therefore.

Payment will not be made under this item for the purchase costs of materials having a residual value, the purchase costs of materials to be incorporated in the project, or the purchase costs of operating supplies.

262) Authorized Work

A pre-determined amount is included in the Bid Proposal Form for authorized work. Use of this bid item will be authorized only by the Engineer for potential: increased quantities, new work, unforeseen work, or a change in the character of work required to complete the project. It can only be used, if needed, as directed and approved in writing by the Engineer before any work is performed. Unutilized funds remaining in this bid item will be deducted from the Contract in a contract change order upon project completion.

263) Prepare Temporary Traffic Control Plan (F)

The Contractor shall obtain and submit temporary a traffic control plan (TCP) for approval per the requirements of the latest edition of the CA MUTCD, 3-8.2, 302-2.5 and 601 of the Specifications. One or more TCPs shall cover each stage of construction the Contractor chooses to implement to complete the scope of Work including any changes required during any element of construction.

The TCP shall provide one open lane at all times in each direction of traffic. Left turns shall be permitted at the intersection of streets. Intersections requiring construction of PCC cross gutters on local or collector streets may be closed for the shortest duration possible until concrete cures sufficiently for traffic loads.

The temporary traffic control plans shall also include the following:

- i) Provide reflective advance warning signs & construction signs
- ii) Provide temporary striping to shift lanes where necessary;
- iii) Provide Special Information Signs (SIS) which shall be at a minimum of four (4) ft wide by three (3) ft high with six (6) in high uppercase lettering;
- iv) Provide K-rail adjacent to excavations, trenching exceeding eighteen (18) inches in depth;
- v) Provide arrow boards, barricades, crash cushions, delineators, and flashers;
- vi) Provide right turn in/out access to all residences/business & signs;
- vii) Provide owner/tenant mailings/postings of staged traffic control and changes.

The Contractor shall include all labor, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

264) Implement Temporary Traffic Control (F)

Temporary traffic control (TC) shall be the responsibility of the Contractor to manage over the duration of the project for each stage of construction. The Contractor shall implement, maintain and remove temporary traffic control devices for the project duration per the TCPs provided by the Contractor and approved by the City for implementation until the stage of Work is accepted as complete. If the Contractor makes any changes to TTC in place without an approved plan, a fine will be issued to the Contractor for each violation. TTC may include the following work and devices per an approved TCP:

- a) Temporary Traffic control;
 - v) Provide, install, and maintain barricades, crash cushions, signs, delineators, pavement markings, flashers, arrow boards, temporary reflective pavement markers, k-rail, etc;
 - vi) Provide flaggers, pilot cars, etc;

- vii) Furnish and install traffic delineation using "Cat Tracking," temporary marking tape, or other approved media on the same working day as existing markings are removed, lost, including bicycle lanes, in locations consistent with the striping and marking plans;
 - viii) Provide, construct, maintain, and remove temporary detours as required for completion of the Work;
 - ix) Provide right in, right out signage and access to all approaches in the vicinity of the work.
- b) Coordination;
- iii) Coordinate with all agencies listed in Section 402-6;
 - iv) Provide for the convenience and safety of the public traffic and pedestrians;
- c) Notifications;
- ii) Install special information signage and changeable message signs a minimum of two (2) weeks before construction begins;
 - iii) Prepare and distribute written notices to affected business and property owners for each stage of construction a minimum of 48 hours before the traffic control is changed;
 - iv) Post No Parking signs as required with the appropriate vehicle code section(s) for towing of parked vehicles.

If included in the TCP, the Contractor shall apply and remove one coat of waterborne paint for temporary traffic control striping as required per the approved TCPs. The Contractor shall grind off the existing striping and markers on new pavement not to exceed 1/10th of an inch in depth below the existing surface flush with the asphalt. The penalty of exceeding 1/10th of an inch in depth below the existing surface of the asphalt will require the Contractor to slurry seal the road at the direction of the Engineer up to the full width for the length of the project at the Contractor's expense. The type and grade of slurry seal will be specified by the engineer if required.

The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

265) Worksite Maintenance, Water Pollution Control (F)

The Contractor shall include all Work associated with subsections 1 through 4 of 3-12 of the Specifications and Special Provisions for the duration of the project. The Contractor shall also implement and continually maintain construction site Best Management Practices (BMPs) as required per the erosion control plan(s) and SWPPP per 3-12.6 of the Specifications and Special Provisions. Maintenance may include labor and materials for the replacement of deficient BMPs or BMPs that are no longer effective due to wear or as directed by a QSP inspector, Public Works Inspector, or Engineer. The Contractor shall modify BMPs as required to accommodate storm events throughout the duration of the Project. BMPs impacted by a rainfall storm event shall be removed, monitored, repaired, replaced and or restored as required during the event to minimize pollution of storm water and obstruction of flows.

The Contractor shall include all labor, materials, equipment, tools and incidental costs to implement, maintain, repair, replace, restore and alter all BMPs and other work site maintenance items throughout the duration of the project for this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

266) Utility Location & Protection (F)

The Contractor shall locate and protect all known utilities in accordance with *Section 402* of the Specifications and special provisions. The contractor shall provide the City with subsurface data within two (2) working days after the completion of location work. The Contractor shall include all labor, materials, tools, equipment, exhibits and incidental costs for this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

267) Replace Valve Can Assembly

The Contractor shall replace the existing 6" valve can assembly to full depth and adjust it to the finished grade per City Std Dwg W-18. All materials shall comply with the City approved material list. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

268) Replace Long Water Service Lateral Per City Std W-01

The Contractor shall replace the long side (>50') water service per City Std Dwg W-01 in accordance with 212-10 of the Specifications from the saddle to the right of way. All materials shall comply with the City approved material list. Potholing of the existing waterline to locate the existing service connection shall be performed by a soft dig method. The Contractor shall obtain the necessary fittings and copper pipe to connect the new water service to the existing plumbing at the right of way for each unit. The Contractor shall include all the materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

269) Replace Short Water Service Lateral Per City Std W-01

The Contractor shall replace the short side (<50') water service per City Std Dwg W-01 in accordance with 212-10 of the Specifications from the saddle to the right of way. All materials shall comply with the City approved material list. Potholing of the existing waterline to locate the existing service connection shall be performed by a soft dig method. The Contractor shall connect the new water service to the existing plumbing at the right of way. The Contractor shall include all the materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

270) Replace Water Service Saddle Per City Std W-01

This bid item shall be used to remove and replace a defective service saddle 1" or smaller if one or more are found and approved by the Engineer while replacing service line. The Contractor shall abandon the existing service saddle and install a new saddle per City Std Dwg W-01 in accordance with Section 212-10 of the Specifications. All materials shall comply with the City approved material list. The existing saddle shall be replaced with a repair coupling. Leaks and or damage caused by this operation to existing structures, fixtures, underground utilities and other improvements shall become the responsibility of the Contractor to restore, repair or replace at their own expense. The Contractor shall include all the materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

271) Relocate Water Service Lateral Per City Std W-01

The Contractor shall relocate/shorten the existing water service meter per City Std Dwg W-01 in accordance with 212-10 of the Specifications to the proposed back of new curb and gutter. The service may require shut down at the corporation valve stop to shorten the existing copper tubing. New copper tubing shall be installed from the back of the meter to the right of way (property line) to connect to the customer's existing plumbing. The installation of a new meter box shall be included with this work. All materials shall comply with the City approved material list. Potholing of the existing waterline to locate the existing service connection shall be performed by a soft dig method. The Contractor shall include all the materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

272) Relocate Fire Hydrant Per City Std W-11

The Contractor shall relocate the existing fire hydrant per City Std Dwg W-11 in accordance with 212-6 of the Specifications by lengthening the existing lateral as needed. The extension of the locating wire, connected to existing wire and installation of a tracer box in a PCC pad shall be included. All materials shall comply with the City approved material list. Potholing of the existing waterline shall be performed by a soft dig method. The Contractor shall include all the materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

273) Construct Fire Hydrant Per City Std W-11

The Contractor shall a fire hydrant per City Std Dwg W-11 in accordance with 212-6 of the Specifications. Hot taping of the existing water main shall be included with this work. All materials shall comply with the City approved material list. Potholing of the existing waterline shall be performed by a soft dig method. The Contractor shall include all the materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

274) FURNISH AND INSTALL 12-INCH PVC C-900 DR-14 CLASS 305 OR C-909 CLASS 305 OR DUCTILE IRON PIPE CLASS 350 PER C.O.V. STD. W-36 AND S-10

The Contractor shall furnish and install 12-inch diameter PVC C-900 DR-14 pressure class or PVC C-909 pressure class 305 or Ductile Iron Pipe pressure class 350 per City Std. W-36, S-10 and per plans and specifications. The Contractor shall include all labor, materials, tools, equipment, supplies, supervision, incidentals required to furnish and install all pipe, fittings, flanges, couplings, adapters, thrust blocks, restrained joints, linings, coatings, and all other appurtenances, piping components, and hardware in accordance with the Contract Documents. The Contractor shall also include all earthwork, excavation, dewatering, rock removal, pipe bedding, backfilling, compaction, exporting and disposal of spoils, pavement replacement (City Std S-10), and cleanup. The Contractor shall also include the protection of existing utilities/facilities including protecting in-place existing water meters, cleaning and flushing pipelines, and all other work necessary to provide a complete and operating pipeline in accordance with the Specifications. The Contractor shall also include the Contractor's field verification of existing conditions and dimensions and potholing/subsurface investigation sufficiently ahead of time to allow for design revisions if actual conditions differ from what is shown on the plans. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price for each bid item. No additional compensation will be allowed therefore.

275) CONNECT TO EXISTING 12-INCH WATER MAIN NEAR OUTER BEAR VALLEY ROAD/SEVENTH AVE. INTERSECTION AND ABANDONMENT PER DETAIL 'A' SHEET 3 OF 4

The Contractor shall construct new waterline connection to existing waterline as indicated on the Plan WP-1431 as *Detail A* and per Section 306 of the Specifications. Connections cannot be performed until all new pipeline Work has passed hydrostatic pressure tests, and meets water quality standards. Until the line has passed the required tests, it shall remain physically separated from any existing waterline or valve in operation. This bid item shall include furnishing and installing all pipe, valves, fittings, flanges, couplings, cut-to-fit pieces, thrust protection, preparing existing pipe, and completing all other components of the connection work and abandoning existing waterline as shown on plans and as specified in the Contract Documents. Payment shall include the Contractor's field verification of existing conditions and dimensions and potholing/subsurface investigation sufficiently ahead of time to allow for design revisions if actual conditions differ from what is shown on the plans. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price for each bid item. No additional compensation will be allowed therefore.

276) CONNECT TO EXISTING 12-INCH WATER MAIN IN TOKAY ROAD AND ABANDONMENT PER DETAIL 'B' SHEET 3 OF 4

The Contractor shall construct new waterline connection to existing waterline as indicated on the Plan WP-1431 as *Detail B* and per Section 306 of the Specifications. Connections cannot be performed until all new pipeline Work has passed hydrostatic pressure tests, and meets water quality standards. Until the line has passed the required tests, it shall remain physically separated from any existing waterline or valve in operation. This bid item shall include furnishing and installing all pipe, valves, fittings, flanges, couplings, cut-to-fit pieces, thrust protection, preparing existing pipe, and completing all other components of the connection work and abandoning existing waterline as shown on plans and as specified in the Contract Documents. Payment shall include the Contractor's field verification of existing conditions and dimensions and potholing/subsurface investigation sufficiently ahead of time to allow for design revisions if actual conditions differ from what is shown on the plans. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price for each bid item. No additional compensation will be allowed therefore.

277) CONNECT TO EXISTING 8-INCH WATER MAIN IN JASMINE STREET PER DETAIL 'C' SHEET 3 OR 4

The Contractor shall construct new waterline connection to existing waterline as indicated on the Plan WP-1431 as *Detail C* and per Section 306 of the Specifications. Connections cannot be performed until all new pipeline Work has passed hydrostatic pressure tests, and meets water quality standards. Until the line has passed the required tests, it shall remain physically separated from any existing waterline or valve in operation. This bid item shall include furnishing and installing all pipe, valves, fittings, flanges, couplings, cut-to-fit pieces, thrust protection, preparing existing pipe, and completing all other components of the connection work and abandoning existing waterline as shown on plans and as specified in the Contract Documents. Payment shall include the Contractor's field verification of existing conditions and dimensions and potholing/subsurface investigation sufficiently ahead of time to allow for design revisions if actual conditions differ from what is shown on the plans. The Contractor shall include all materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price for each bid item. No additional compensation will be allowed therefore.

278) FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY PER C.O.V. STD W-11, W-13, W-18 AND W-42

The Contractor shall furnish and install a new fire hydrant assembly per C.O.V. Std. W-11, W-18, W-13 and W-42 and in accordance with project Specifications. All materials shall comply with the City approved material list. The Contractor shall include all the materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

279) FURNISH AND INSTALL NEW 4-INCH BLOW OFF ASSEMBLY PER C.O.V. STD. W-16 AND W-18

The Contractor shall furnish and install a new 4-inch blow-off assembly per C.O.V. Std. W-16 and W-18 and in accordance with project Specifications. All materials shall comply with the City approved material list. The Contractor shall include all the materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

280) FURNISH AND INSTALL 2-INCH AIR-VAC AND RELEASE ASSEMBLY PER C.O.V. STD. W-25 AND W-27

The Contractor shall a furnish and install a 2-inch air-vac and release assembly per C.O.V. Std. W-25 and W-27 and in accordance with project Specifications. All materials shall comply with the City

approved material list. The Contractor shall include all the materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

281) REMOVE AND DISPOSE OF EXISTING FIRE HYDRANT ASSEMBLY AND VALVE CAN, VALVE LID, SLIP CAN AND CAN TUBE LOACTED AT TOKAY STREET/SEVENTH AVE. INTERSECTION

The Contractor shall remove and dispose the existing fire hydrant assembly as called out on the project plans and in accordance with project specifications. Potholing of the existing waterline shall be performed by a soft dig method. The Contractor shall include all the materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

282) FURNISH AND INSTALL 12-INCH INSERT VALVE WITH SLIP CAN, CAN TUBE, AND VALVE LID PER C.O.V. STD. W-18

The Contractor shall install a 12" inline insertion valve and valve can assembly per City Std W-18 as indicated on the Plan without a water shutdown. This Work shall additionally include all saw cutting/removal/disposal of asphalt, concrete, earthwork, excavation, shoring/shielding and/or jacks as required, dewatering, rock removal, pipe bedding, backfilling, compaction, exporting, disposal of spoils and temporary AC patching. The Contractor shall include all materials, hardware, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

283) FURNISH AND INSTALL 12-INCH RESTRAINED TYPE FLEX COUPLER FOR GRADE BRAKES

The Contractor shall furnish and install 12-inch restrained type flex couplers as called out on plans and in accordance with project specifications. All materials shall comply with the City approved material list. The Contractor shall include all the materials, labor, equipment, tools, incidental items and work related costs associated with this Work per the Contract Unit Price. No additional compensation will be allowed therefore.

BID PROPOSAL FORM INSTRUCTIONS
SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031

Bids are required for the entire work. The amount of the bid for comparison purposes will be the total of all items.

The bidder shall set forth for each item of work, in clearly printed figures, the unit price and total for the line item in the respective spaces provided for this purpose. In the case of unit basis items, the amount set forth under the "Total" column shall be the product of the unit price bid and the estimated quantity for the item.

In case of discrepancy between the unit price and the total set forth for a unit basis item, the unit price shall prevail, except as provided in (a) or (b), as follows:

- (a) If the amount set forth as a unit price is unreadable or otherwise unclear, or is omitted, or is the same amount as the entry in the item total column, then the amount set forth in the item total column for the item shall prevail and shall be divided by the estimated quantity for the item and the price thus obtained shall be the unit price;
- (b) (Decimal Errors) If the product of the entered unit price and the estimated quantity is exactly off by a factor of ten, one hundred, etc., or one-tenth, or one-hundredth, etc. from the entered total, the discrepancy will be resolved by using the entered unit price or item total, whichever most closely approximates percentage-wise the unit price or item total in the City's Final Estimate of cost.

If both the unit price and the item total are unreadable or otherwise unclear, or are omitted, the bid may be deemed irregular. Likewise if the item total for a lump sum item is unreadable or otherwise unclear, or is omitted, the bid may be deemed irregular unless the project being bid has only a single item and a clear, readable total bid is provided.

Symbols such as commas and dollar signs will be ignored and have no mathematical significance in establishing any unit price or item total or lump sums. Written unit prices, item totals and lump sums will be interpreted according to the number of digits and, if applicable, decimal placement. Cents symbols also have no significance in establishing any unit price or item total since all figures are assumed to be expressed in dollars and/or decimal fractions of a dollar. Bids on lump sum items shall be item totals only; if any unit price for a lump sum item is included in a bid and it differs from the item total, the items total shall prevail.

The foregoing provisions for the resolution of specific irregularities cannot be so comprehensive as to cover every omission, inconsistency, error or other irregularity, which may occur in a bid. Any situation not specifically provided for will be determined in the discretion of the City, and that discretion will be exercised in the manner deemed by the City to best protect the public interest in the prompt and economical completion of the work. The decision of the City with respect to the amount of a bid, or the existence or treatment of an irregularity in a bid, shall be final.

If this Proposal shall be accepted and the undersigned shall fail to contract as aforesaid and to give the two (2) bonds in the sums to be determined, with surety satisfactory to the City of Victorville within ten (10) days, not including Sundays and legal holidays, after award of the Contract by the City of Victorville may, at its option, determine the bidder has abandoned the Contract, and thereupon this Proposal and the acceptance thereof shall be null and void and the forfeiture of such security accompanying this Proposal shall operate and the same shall be the property of the City of Victorville.

Contractor: _____

[printed name]

[signature]

[date]

BID PROPOSAL FORM
SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, CC22-031

TO THE CITY COUNCIL OF THE CITY OF VICTORVILLE, CALIFORNIA:

The **undersigned declares** they have carefully examined the locations of the proposed work, the Plans, Special Provisions, Bid Item Descriptions, and Contract Documents; and being familiar with all of the conditions surrounding the work, including the availability of materials and labor, hereby proposes to furnish all labor, materials, tools, equipment, and incidentals, to complete all the work. The City of Victorville reserves the right to reject any and all bids and waive any irregularities or informalities in any bid or in the bidding. All applicable taxes and discounts should be included. All of the aforementioned shall be done in accordance with said Plans, Special Provisions, and the most current editions of the following documents, including all amendments in effect as of the bid opening date:

- 1) City of Victorville Standard Plans for Public Improvements,
- 2) Standard Specifications & Standard Plans for Public Works Construction "Greenbook" 2018 edition,
- 3) Standard Specifications & Standard Plans of the State of California Department of Transportation,
- 4) California Manual of Uniform Traffic Control Devices, and
- 5) Contract Documents for the price set forth in the following schedules:

SCHEDULE A – GENERAL

Bid Item #	Ref Spec § / Plan #	Bid Item Description	Approx. Quantity	Unit Price	Total Cost
1		K-Rail (F)	5,280 LF		
2		PORTABLE CHANGEABLE MESSAGE SIGNS (F)	10 EA		
3	§3-8, 3-12	STORM WATER POLLUTION PREVENTION PLAN (F)	1 LS		
4		QSP INSPECTION (F)	1 LS		
Schedule A Subtotal \$					

SCHEDULE B – SEVENTH AVE & ARROWHEAD DR CONSTRUCTION

Bid Item #	Ref Spec § / Plan #	Bid Item Description	Approx. Quantity	Unit Price	Total Cost
5	§7-3/S-903	MOBILIZATION & DEMOBILIZATION	1 LS		
6	S-903	AUTHORIZED WORK	1 LS	\$325,000.00	\$325,000.00
7	§3-8.2, 601/S-903	TEMPORARY TRAFFIC CONTROL PLANS (F)	1 LS		
8	S-903	TEMPORARY TRAFFIC CONTROL (F)	1 LS		
9a	§401/S-903	WORKSITE MAINTENANCE, WATER POLLUTION CONTROL (F)	1 LS		
9b	§401/S-903	PLACE SANDBAG BARRIER (F)	1,500 LF		
9c	§401/S-903	PLACE STORM DRAIN INLET PROTECTION (F)	7 EA		
9d	§401/S-903	PLACE CONCRETE WASHOUT (F)	3 EA		

9e	§401/S-903	STREET SWEEPING & VACUUMING (F)	1	LS		
9f	§401/S-903	STABILIZED CONSTRUCTION ENTRANCE (F)	2	EA		
10	§402/S-903	UTILITY LOCATION & PROTECTION (F)	1	LS		
11	§401/S-903	REMOVE & DISPOSE PCC CURB & GUTTER (F)	626	LF		
12	§401/S-903	REMOVE & DISPOSE PCC CROSS GUTTER/SPANDREL (F)	3,676	SF		
13	§401/S-903	REMOVE & DISPOSE PCC CURB RAMP/SIDEWALK (F)	5,464	SF		
14	§401/S-903	REMOVE & DISPOSE PCC CURB (F)	77	LF		
15	§401/S-903	REMOVE & DISPOSE MISCELLANEOUS PCC FLATWORK (F)	2,091	SF		
16	§401/S-903	REMOVE & DISPOSE AC CURB (F)	1,050	LF		
17	§404/S-903	COLD MILL AC PAVEMENT 2.0'x0.17' (F)	484	SY		
18	§404/S-903	SAWCUT AC ROAD PAVEMENT (F)	5,045	LF		
19	§404/S-903	COLD MILL AC PAVEMENT 2.0" (F)	14,375	SY		
20	§404/S-903	COLD MILL AC PAVEMENT (F)	57,478	SY		
21	§700-3.5/S-903	INSTALL 1" CONDUIT FOR PEDESTRIAN PUSH BUTTON (F)	1	LS		
22	§303/S-903	CONSTRUCT 8" CURB & GUTTER PER CITY STD S-01 (F)	5,650	LF		
23	§303/S-903	CONSTRUCT 8" CURB PER CITY STD S-09 (F)	2,357	LF		
24	§303/S-903	CONSTRUCT VARIABLE HEIGHT CURB PER CITY STD S-09 (F)	66	LF		
25	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL NO. 1 (F)	106	SF		
26	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL NO. 2 (F)	106	SF		
27	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL NO. 3 (F)	47	SF		
28	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL NO. 4 (F)	57	SF		
29	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL NO. 5 (F)	98	SF		
30	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL NO. 6 (F)	104	SF		
31	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL NO. 7 (F)	104	SF		
32	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL NO. 8 (F)	104	SF		
33	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL NO. 9 (F)	127	SF		
34	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL NO. 10 (F)	125	SF		
35	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL NO. 11 (F)	104	SF		

36	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL NO. 12 (F)	96 SF		
37	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL NO. 13 (F)	104 SF		
38	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL NO. 14 (F)	104 SF		
39	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL NO. 15 (F)	107 SF		
40	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL NO. 16 (F)	107 SF		
41	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL NO. 17 (F)	104 SF		
42	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL NO. 18 (F)	93 SF		
43	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL NO. 19 (F)	104 SF		
44	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL NO. 20 (F)	96 SF		
45	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL No. 21 (F)	102 SF		
46	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL No. 22 (F)	102 SF		
47	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL No. 23 (F)	68 SF		
48	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL No. 24 (F)	68 SF		
49	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL No. 25 (F)	106 SF		
50	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL No. 26 (F)	106 SF		
51	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL No. 27 (F)	118 SF		
52	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL No. 28 (F)	120 SF		
53	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL No. 29 (F)	68 SF		
54	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL No. 30 (F)	68 SF		
55	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL No. 31 (F)	154 SF		
56	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL No. 32 (F)	148 SF		
57	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL No. 33 (F)	107 SF		
58	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL No. 34 (F)	98 SF		
59	§303/S-903	CONSTRUCT CURB RAMP PER RAMP DETAIL No. 35 (F)	97 SF		
60	§303/S-903	CONSTRUCT PARKWAY DRAIN PER SPPWC 151-3 TYPE 2, S=72" (F)	1 EA		
61	§303/S-903	CONSTRUCT PARKWAY DRAIN PER SPPWC 151-3 TYPE 2, S=36" (F)	3 EA		
62	§303/S-903	CONSTRUCT SIDEWALK PER CITY STD S-04 (F)	42,115 SF		
63	§303/S-903	CONSTRUCT CROSS GUTTER, SPANDREL & 8" CURB PER CITY STD S-05 AT WINONA ST (F)	788 SF		
64	§303/S-903	CONSTRUCT CROSS GUTTER, SPANDREL & 8" CURB PER CITY STD S-05 AT TELESTAR AVE (F)	704 SF		

65	§303/S-903	CONSTRUCT CROSS GUTTER, SPANDREL & 8" CURB PER CITY STD S-05 AT HIDDENWOOD LN (F)	585 SF		
66	§303/S-903	CONSTRUCT CROSS GUTTER, SPANDREL & 8" CURB PER CITY STD S-05 AT HUERTA ST (F)	921 SF		
67	§303/S-903	CONSTRUCT CROSS GUTTER, SPANDREL & 8" CURB PER CITY STD S-05 AT MINNETONKA ST (F)	740 SF		
68	§303/S-903	CONSTRUCT CROSS GUTTER, SPANDREL & 8" CURB PER CITY STD S-05 AT SITTING BULL ST, WEST SIDE (F)	921 SF		
69	§303/S-903	CONSTRUCT CROSS GUTTER, SPANDREL & 8" CURB PER CITY STD S-05 AT SITTING BULL ST, EAST SIDE (F)	588 SF		
70	§303/S-903	CONSTRUCT CROSS GUTTER, SPANDREL & 8" CURB PER CITY STD S-05 AT PETITE ST (F)	584 SF		
71	§303/S-903	CONSTRUCT CROSS GUTTER, SPANDREL & 8" CURB PER CITY STD S-05 AT YATES RD (F)	1,000 SF		
72	§303/S-903	CONSTRUCT REINFORCED CONCRETE TYPE 5 RETAINING WALL, W=4'10" (F)	132 LF		
73	§303/S-903	CONSTRUCT REINFORCED CONCRETE TYPE 5 RETAINING WALL, W=3'-8" (F)	23 LF		
74	§303/S-903	CONSTRUCT REINFORCED CONCRETE FOOTING STEP (F)	1 EA		
75	§303/S-903	CONSTRUCT REINFORCED CONCRETE RETURN WALL TYPE D (F)	2 EA		
76	§206-5/S-903	CONSTRUCT METAL HAND RAILING PER CITY STD S-022 (F)	155 LF		
77	§401/S-903	REMOVE & DISPOSE PCC DRIVE APPROACH/DRIVEWAY, APN 3093-611-23 (F)	1,627 SF		
78	§401/S-903	REMOVE & DISPOSE TRASH ENCLOSURE, APN 3093-611-23 (F)	1 EA		
79	§401/S-903	REMOVE LANDSCAPE ROCK, APN 3093-611-23 (F)	1 LS		
80	S-903	REMOVE & REPLACE ELECTRICAL CONDUIT, APN 3093-611-23 (F)	1 LS		
81	§303/S-903	CONSTRUCT PCC COMMERCIAL DRIVE APPROACH PER CITY STD S-03, W=25', APN 3093-611-23 (F)	478 SF		
82	§303/S-903	CONSTRUCT 6" PCC DRIVEWAY, APN 3093-611-23 (F)	1,809 SF		
83	S-903	PLACE LANDSCAPE ROCK, APN 3093-611-23 (F)	1 LS		
84	§303/S-903	REMOVE FENCE & GATE, APN 3093-611-23 (F)	1 LS		
85	§401/S-903	REMOVE & DISPOSE PCC DRIVE APPROACH/DRIVEWAY, APN 3093-611-01 (F)	230 SF		
86	§401/S-903	REMOVE & DISPOSE AC DRIVEWAY, APN 3093-611-01(F)	2,684 SF		
87	§303/S-903	CONSTRUCT PCC COMMERCIAL DRIVE APPROACH PER CITY STD S-03, W=24', APN 3093-611-01 (F)	440 SF		
88	§303/S-903	CONSTRUCT 3" AC DRIVEWAY/PARKING LOT, APN 3093-611-01 (F)	2,434 SF		
89	§401/S-903	REMOVE & DISPOSE AC DRIVEWAY, APN 3091-341-24 (F)	310 SF		
90	§303/S-903	CONSTRUCT MODIFIED PCC COMMERCIAL DRIVE APPROACH PER CITY STD S-03, W=35', APN 3091-341-24 (F)	432 SF		

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91	§303/S-903	CONSTRUCT 4" AC DRIVEWAY, APN 3091-341-24 (F)	130 SF		
92	§303/S-903	CONSTRUCT PCC RESIDENTIAL DRIVE APPROACH PER CITY STD S-02, W=14', APN 3093-601-12 (F)	212 SF		
93	§303/S-903	CONSTRUCT 4" PCC DRIVEWAY, APN 3093-601-12 (F)	90 SF		
94	§303/S-903	CONSTRUCT PCC COMMERCIAL DRIVE APPROACH PER CITY STD S-03, W=12', STA 23+61.80 (F)	193 SF		
95	§303/S-903	CONSTRUCT PCC COMMERCIAL DRIVE APPROACH PER CITY STD S-03, W=9.5', STA 23+64.36 (F)	173 SF		
96	§401/S-903	REMOVE & DISPOSE AC DRIVEWAY, APN 3093-591-13 (F)	285 SF		
97	§303/S-903	CONSTRUCT PCC RESIDENTIAL DRIVE APPROACH PER CITY STD S-02, W=16', APN 3093-591-13 (F)	231 SF		
98	§303/S-903	CONSTRUCT 3" AC DRIVEWAY, APN 3093-591-13 (F)	310 SF		
99	§401/S-903	REMOVE & DISPOSE AC DRIVEWAY, APN 3093-591-12 (F)	280 SF		
100	§303/S-903	CONSTRUCT PCC RESIDENTIAL DRIVE APPROACH PER CITY STD S-02, W=12' APN 3093-591-12 (F)	231 SF		
101	§303/S-903	CONSTRUCT 3" AC DRIVEWAY, APN 3093-591-12 (F)	350 SF		
102	§401/S-903	REMOVE & DISPOSE AC DRIVEWAY, APN 3093-581-27 (F)	958 SF		
103	§303/S-903	CONSTRUCT PCC RESIDENTIAL DRIVE APPROACH PER CITY STD S-02, W=16', APN 3093-581-27 (F)	232 SF		
104	§303/S-903	CONSTRUCT 4" PCC DRIVEWAY, APN 3093-581-27 (F)	90 SF		
105	§303/S-903	CONSTRUCT 3" AC DRIVEWAY, APN 3093-581-27 (F)	270 SF		
106	§303/S-903	REMOVE & REPLACE FENCE & GATE, APN 3093-581-27 (F)	1 LS		
107	§401/S-903	REMOVE & DISPOSE AC DRIVEWAY, APN 3093-581-28 (F)	565 SF		
108	§401/S-903	REMOVE & DISPOSE PCC DRIVEWAY, APN 3093-581-28 (F)	1,095 SF		
109	§303/S-903	CONSTRUCT RESIDENTIAL DRIVE APPROACH PER CITY STD S-02, W=12' & W=16', APN 3093-581-28 (F)	424 SF		
110	§303/S-903	CONSTRUCT 4" PCC DRIVEWAY, APN 3093-581-28 (F)	1,256 SF		
111	§303/S-903	REMOVE & REPLACE FENCE & GATE, APN 3093-581-28 (F)	1 LS		
112	§401/S-903	REMOVE & DISPOSE AC DRIVEWAY, APN 3093-581-29 (F)	1,245 SF		
113	§401/S-903	REMOVE & DISPOSE PCC DRIVEWAY, APN 3093-581-29 (F)	558 SF		
114	§303/S-903	CONSTRUCT PCC RESIDENTIAL DRIVE APPROACH PER CITY STD S-02, W=12' & W=16', APN 3093-581-29 (F)	425 SF		
115	§303/S-903	CONSTRUCT 4" PCC DRIVEWAY, APN 3093-581-29 (F)	804 SF		
116	S-903	REMOVE & RECONSTRUCT LANDSCAPING, APN 3093-581-29 (F)	1 LS		
117	§401/S-903	REMOVE & DISPOSE AC DRIVEWAY, APN 3093-581-30(F)	584 SF		

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118	§303/S-903	CONSTRUCT RESIDENTIAL DRIVE APPROACH PER CITY STD S-02, W=16', APN 3093-581-30 (F)	230 SF		
119	§303/S-903	CONSTRUCT 4" PCC DRIVEWAY, APN 3093-581-30 (F)	118 SF		
120	§401/S-903	REMOVE & DISPOSE AC DRIVEWAY, APN 3093-581-31 (F)	380 SF		
121	§303/S-903	CONSTRUCT PCC RESIDENTIAL DRIVE APPROACH PER CITY STD S-02, W=16', APN 3093-581-31 (F)	231 SF		
122	§303/S-903	CONSTRUCT 4" PCC DRIVEWAY, APN 3093-581-31 (F)	48 SF		
123	§401/S-903	REMOVE & DISPOSE AC DRIVEWAY, APN 3093-451-28 (F)	404 SF		
124	§401/S-903	REMOVE & DISPOSE PCC DRIVEWAY, APN 3093-451-28 (F)	165 SF		
125	§303/S-903	CONSTRUCT RESIDENTIAL DRIVE APPROACH PER CITY STD S-02, W=16', APN 3093-451-28 (F)	502 SF		
126	§303/S-903	CONSTRUCT 4" PCC DRIVEWAY, APN 3093-451-28 (F)	335 SF		
127	§401/S-903	REMOVE & DISPOSE AC DRIVEWAY, APN 3093-451-29 (F)	322 SF		
128	§401/S-903	REMOVE & DISPOSE PCC DRIVEWAY & CURB, APN 3093-451-29 (F)	374 SF		
129	§303/S-903	CONSTRUCT RESIDENTIAL DRIVE APPROACH PER CITY STD S-02, W=16', APN 3093-451-29 (F)	272 SF		
130	§303/S-903	CONSTRUCT 4" PCC DRIVEWAY, APN 3093-451-29 (F)	485 SF		
131	§/S-903	REMOVE CHAIN LINK FENCE & GATE, APN 3093-451-29 (F)	1 LS		
132	§304-3/S-903	CONSTRUCT 4' CHAIN LINK FENCE, APN 3093-451-29 (F)	50 LF		
133	§304-3/S-903	CONSTRUCT 4'x16' CHAIN LINK GATE, APN 3093-451-29 (F)	1 EA		
134	§303/S-903	CONSTRUCT VARIABLE HIGHT PCC CURB PER CITY STD S-09, APN 3093-451-29 (F)	60 LF		
135	§/S-903	RESTORE LANDSCAPING (F)	1 LS		
136	§401/S-903	REMOVE & DISPOSE AC DRIVEWAY, APN 3093-451-30 (F)	398 SF		
137	§401/S-903	REMOVE & DISPOSE PCC DRIVEWAY & CURB, APN 3093-451-30 (F)	200 SF		
138	§303/S-903	CONSTRUCT RESIDENTIAL DRIVE APPROACH PER CITY STD S-02, W=12', APN 3093-451-30 (F)	426 SF		
139	§303/S-903	CONSTRUCT 4" PCC DRIVEWAY, APN 3093-451-30 (F)	265 SF		
140	§303/S-903	CONSTRUCT VARIABLE HIGHT PCC CURB PER CITY STD S-09, APN 3093-451-29 (F)	44 LS		
141	§/S-903	REMOVE CHAIN LINE FENCE & GATE, APN 3093-451-30 (F)	1 LS		
142	§304-3/S-903	CONSTRUCT 4' CHAIN LINK FENCE, APN 3093-451-30 (F)	40 LF		
143	§304-3/S-903	CONSTRUCT 4'x12' CHAIN LINK GATE, APN 3093-451-30 (F)	2 EA		
144	§/S-903	RESTORE LANDSCAPING, APN 3093-451-30 (F)	1 LS		

145	§401/S-903	REMOVE & DISPOSE PCC DRIVE APPROACH & AC DRIVEWAY, APN 3093-381-03 (F)	245 SF		
146	§303/S-903	CONSTRUCT RESIDENTIAL DRIVE APPROACH PER CITY STDS-02, W=15', APN 3091-381-03 (F)	253 SF		
147	§303/S-903	CONSTRUCT 3" AC DRIVEWAY, APN 3091-381-03 (F)	17 SF		
148	§401/S-903	REMOVE & DISPOSE PCC DRIVE APPROACH & AC DRIVEWAY, APN 3091-381-02 (F)	214 SF		
149	§303/S-903	CONSTRUCT RESIDENTIAL DRIVE APPROACH PER CITY STD S-02, W=12', APN 3091-381-02 (F)	192 SF		
150	§303/S-903	CONSTRUCT 3" AC DRIVEWAY, APN 3091-381-02 (F)	54 SF		
151	§401/S-903	REMOVE & DISPOSE PCC DRIVEWAY, APN 3091-381-01 (F)	234 SF		
152	§303/S-903	CONSTRUCT PCC RESIDENTIAL DRIVE APPROACH PER CITY STD S-02, W=12', APN 3091-381-01 (F)	386 SF		
153	§401/S-903	REMOVE & DISPOSE PCC DRIVEWAY, APN 3091-111-01 (F)	298 SF		
154	§303/S-903	CONSTRUCT PCC COMMERCIAL DRIVE APPROACH PER CITY STD S-03, W=22.5', APN 3091-111-01 (F)	300 SF		
155	§401/S-903	REMOVE & DISPOSE AC DRIVEWAY, APN 3093-421-27 (F)	2,439 SF		
156	§303/S-903	CONSTRUCT RESIDENTIAL DRIVE APPROACH PER CITY STDS-02, W=12' & W=16' APN 3093-421-27 (F)	424 SF		
157	§303/S-903	CONSTRUCT 3" AC DRIVEWAY, APN 3093-421-27 (F)	2,210 SF		
158	§/S-903	REMOVE FENCE & GATE, APN 3093-421-27 (F)	1 LS		
159	§304-3/S-903	CONSTRUCT 4'x12' ROLLING CHAINLINK GATE, APN 3093-421-27 (F)	1 EA		
160	§304-3/S-903	CONSTRUCT 4'x16' ROLLING CHAINLINK GATE, APN 3093-421-27 (F)	1 EA		
161	§304-3/S-903	CONSTRUCT 4' CHAINLINK FENCE, APN 3093-421-27 (F)	74 LF		
162	§300-1/S-903	REMOVE & DISPOSE TREE & SHRUBS, APN 3093-421-27 (F)	1 LS		
163	§401/S-903	REMOVE & DISPOSE AC DRIVEWAY, APN 3093-421-28 (F)	375 SF		
164	§303/S-903	CONSTRUCT RESIDENTIAL DRIVE APPROACH PER CITY STD S-02, W=12' & W=16', APN 3093-421-28 (F)	424 SF		
165	§303/S-903	CONSTRUCT 4" PCC DRIVEWAY, APN 3093-421-28 (F)	306 SF		
166	§303/S-903	REMOVE GATES, APN 3093-421-28 (F)	1 LS		
167	§304-3/S-903	CONSTRUCT 4'x12' ROLLING CHAINLINK GATE, APN 3093-421-28 (F)	1 EA		
168	§304-3/S-903	CONSTRUCT 4'x16' ROLLING CHAINLINK GATE, APN 3093-421-28 (F)	1 EA		
169	§304-3/S-903	CONSTRUCT 4' CHAINLINK FENCE, APN 3093-421-28 (F)	10 LF		
170	§/S-903	REMOVE & RESTORE ROCK LANDSCAPING, APN 3093-421-28 (F)	1 LS		
171	§401/S-903	REMOVE & DISPOSE AC DRIVEWAY, APN 3091-011-11(F)	712 SF		

172	§401/S-903	REMOVE, DISPOSE & CONSTRUCT LANDSCAPE CURB, APN 3091-011-11 (F)	65	LF		
173	§303/S-903	CONSTRUCT RESIDENTIAL DRIVE APPROACH PER CITY STD S-02 & S-02B, W=16', APN 3091-011-11 (F)	446	SF		
174	§303/S-903	CONSTRUCT 4" PCC DRIVEWAY, APN 3091-011-11 (F)	264	SF		
175	§303/S-903	CONSTRUCT GRAVEL DRIVEWAY, APN 3091-011-11 (F)	1	LS		
176	§/S-903	REMOVE FENCE & GATES, APN 3091-011-11 (F)	114	LF		
177	§304-3/S-903	CONSTRUCT 4'x16' ROLLING CHAINLINK GATE, APN 3091-011-11 (F)	2	EA		
178	§304-3/S-903	CONSTRUCT 4' CHAINLINK FENCE, APN 3091-011-11 (F)	80	LF		
179	§401/S-903	REMOVE & DISPOSE AC DRIVEWAY, APN 3091-011-12 (F)	438	SF		
180	§303/S-903	CONSTRUCT RESIDENTIAL DRIVE APPROACH PER CITY STD S-02, W=16', APN 3091-011-12 (F)	446	SF		
181	§/S-903	REMOVE GATE, APN 3091-011-12 (F)	1	EA		
182	§304-3/S-903	CONSTRUCT 16' SWING GATE, APN 3091-011-12 (F)	1	EA		
183	§/S-903	REMOVE & DISPOSE CYPRESS TREE, APN 3091-011-13(F)	1	EA		
184	§401/S-903	REMOVE & DISPOSE PCC DRIVE APPROACH, APN 0477-494-01 (F)	825	SF		
185	§303/S-903	CONSTRUCT PCC COMMERCIAL DRIVE APPROACH PER CITY STD S-03, W=32' APN 0477-494-01 (F)	626	SF		
186	§303/S-903	CONSTRUCT 6" LANDSCAPE CURB PER CITY STD S-09, APN 0477-494-01 (F)	15	LF		
187	§303/S-903	CONSTRUCT 6" PCC DRIVEWAY, APN 0477-494-01 (F)	210	SF		
188	§401/S-903	REMOVE & DISPOSE AC DRIVEWAY, APN 3090-151-28 (F)	465	SF		
189	§401/S-903	REMOVE & DISPOSE PCC DRIVEWAY, APN 3090-151-28 (F)	190	SF		
190	S-903	RELOCATE WOOD FENCE, APN 3090-151-28 (F)	115	LF		
191	§303/S-903	CONSTRUCT RESIDENTIAL DRIVE APPROACH PER CITY STD S-02, W=16', APN 3090-151-28 (F)	232	SF		
192	§303/S-903	CONSTRUCT 4" PCC DRIVEWAY, APN 3090-151-28 (F)	32	SF		
193	§401/S-903	REMOVE & DISPOSE AC DRIVEWAY, APN 3090-151-29(F)	316	SF		
194	§401/S-903	REMOVE & DISPOSE PCC DRIVEWAY, APN 3090-151-29 (F)	210	SF		
195	S-903	REMOVE & DISPOSE COLUMN & RAIL FENCE, APN 3090-151-29 (F)	82	LF		
196	S-903	CONSTRUCT COLUMN & RAIL FENCE, APN 3090-151-29 (F)	83	LF		
197	S-903	REMOVE & DISPOSE BUSHES, APN 3090-151-29 (F)	1	LS		
198	S-903	REPAIR/INSTALL 3/4" PVC IRRIGATION PIPE & 14 BUBBERS PER CITY STD I-01, APN 3090-151-29 (F)	95	LF		
199	S-903	PLANT MOHAVE PYRACANTHA, APN 3090-151-29 (F)	14	EA		
200	§303/S-903	CONSTRUCT PCC RESIDENTIAL DRIVE APPROACH PER CITY STD S-02, W=16', APN 3090-151-29 (F)	229	SF		

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201	§303/S-903	CONSTRUCT 4" PCC DRIVEWAY, APN 3090-151-29 (F)	50 SF		
202	§401/S-903	REMOVE & DISPOSE AC DRIVE APPROACH & PCC DRIVEWAY, APN 3090-151-30 (F)	295 SF		
203	§303/S-903	CONSTRUCT PCC RESIDENTIAL DRIVE APPROACH PER CITY STD S-02, W=16', APN 3090-151-30 (F)	230 SF		
204	§303/S-903	CONSTRUCT 4" PCC DRIVEWAY, APN 3090-151-30 (F)	79 SF		
205	§401/S-903	REMOVE & DISPOSE PCC DRIVE APPROACH, DRIVEWAY, APN 3092-351-02 (F)	358 SF		
206	§303/S-903	CONSTRUCT RESIDENTIAL DRIVE APPROACH PER CITY STD S-02B, W=10' & W=15', APN 3092-351-02 (F)	269 SF		
207	§303/S-903	CONSTRUCT 4" PCC DRIVEWAY, APN 3092-351-02 (F)	90 SF		
208	S-903	REMOVE GUARDRAIL (F)	255 LF		
209	S-903	RE-CONSTRUCT MIDWEST GUARDRAIL PER CALTRANS STD PLAN A77P2 (F)	250 LF		
210	S-903	CONSTRUCT MIDWEST GUARDRAIL PER CALTRANS STD PLAN A77P2 (F)	135 LF		
211	§303/S-903	CONSTRUCT CURB OPENING CATCH BASIN WITH GRATINGS & LOCAL DEPRESSION (F)	1 EA		
212	§306/S-903	CONSTRUCT 24" REINFORCED CONCRETE PIPE (F)	8 LF		
213	§306/S-903	CONSTRUCT 24" CONCRETE COLLAR (F)	1 EA		
214	§300-2/S-903	UNCLASSIFIED CUT (F)	18,088 CY		
215	§300-4/S-903	UNCLASSIFIED FILL (F)	650 CY		
216	§301-2/S-902	CONSTRUCT 2.0" CRUSHED MISCELLANEOUS BASE (F)	19,675 SY		
217	§301-2/S-903	CONSTRUCT 3.0" CRUSHED MISCELLANEOUS BASE (F)	27,739 SY		
218	§301-2/S-903	CONSTRUCT 5.0" CRUSHED MISCELLANEOUS BASE (F)	10,988 SY		
219	§301-2/S-904	CONSTRUCT 9.0" CRUSHED MISCELLANEOUS BASE (F)	7,757 SY		
220	§301-2/S-903	CONSTRUCT 6.0" CRUSHED AGGREGATE BASE (F)	66,159 SY		
221	§302-5/S-903	CONSTRUCT 2.0" AC PAVEMENT B-PG 64-28PM R10 (F)	2,333 SY		
222	§302-5/S-903	CONSTRUCT 4.0" AC PAVEMENT B-PG 64-28PM R10(F)	63,826 SY		
223	§302-5/S-903	APPLY TACK COAT (F)	80,752 SY		
224	§302-5/S-903	CONSTRUCT 2.0" AC PAVEMENT C2-PG 64-28PM R0 (F)	80,752 SY		
225	§403/S-903	ADJUST MANHOLE TO GRADE & CONSTRUCT CONCRETE COLLAR PER CITY STD S-07 (F)	6 EA		
226	§302/S-903	CONSTRUCT TYPE D1-8 CURB PER SPPWC 120-3 (F)	21 LF		
227	S-903	RELOCATE MAILBOX	18 EA		
SCHEDULE B SUBTOTAL \$					

SCHEDULE C – SEVENTH AVE & ARROWHEAD DR EROSION CONTROL

Bid Item #	Ref Spec § / Plan #	Bid Item Description	Approx. Quantity	Unit Price	Total Cost
227	§7-3/S-903	MOBILIZATION & DEMOBILIZATION	1 LS		
228	§401/S-881	PLACE HYDROSEED PROTECTION (F)	10,000 SY		
Schedule C Subtotal \$					

SCHEDULE D – SEVENTH AVE & ARROWHEAD DR SIGNING & STRIPING

Bid Item #	Ref Spec § / Plan #	Bid Item Description	Approx. Quantity	Unit Price	Total Cost
229	§3-8.2, 601/S-904	TEMPORARY TRAFFIC CONTROL PLANS (F)	1 LS		
230	S-904	TEMPORARY TRAFFIC CONTROL (F)	1 LS		
231	§314-2/S-904	REMOVE CONFLICTING STRIPING (F)	1 LS		
232	§314-4/S-904	PLACE 4" THERMOPLASTIC DOUBLE YELLOW LANE LINE PAVEMENT STRIPING (F)	4,604 LF		
233	§314-4/S-904	PLACE 4" THERMOPLASTIC TWO-WAY LEFT-TURN LANE PAVEMENT STRIPING (F)	11,110 LF		
234	§314-4/S-904	PLACE 4" THERMOPLASTIC WHITE LANE LINE PAVEMENT STRIPING (F)	12,654 LF		
235	§314-4/S-904	PLACE 4" THERMOPLASTIC CONTINUOUS WHITE LANE LINE PAVEMENT STRIPING (F)	3,565 LF		
236	§314-4/S-904	PLACE THERMOPLASTIC WHITE CHANNELIZING LINE PAVEMENT STRIPING, DETAIL 38 (F)	2,467 LF		
237	§314-4/S-904	PLACE THERMOPLASTIC WHITE CHANNELIZING LINE PAVEMENT STRIPING, DETAIL 38A (F)	182 LF		
238	§314-4/S-904	PLACE 4" THERMOPLASTIC WHITE RIGHT EDGE LINE PAVEMENT STRIPING (F)	202 LF		
239	§314-4/S-904	PLACE THERMOPLASTIC LANE DROP MARKING (F)	421 LF		
240	§314-4/S-904	PLACE THERMOPLASTIC TYPE IV ARROW PAVEMENT MARKING (F)	56 EA		
241	§314-4/S-904	PLACE THERMOPLASTIC TYPE VI ARROW PAVEMENT MARKING (F)	6 EA		
242	§314-4/S-904	PLACE THERMOPLASTIC TYPE VII (L) ARROW PAVEMENT MARKING (F)	2 EA		
243	§314-4/S-904	PLACE THERMOPLASTIC CROSSWALK PAVEMENT MARKING (F)	3,596 LF		
244	§314-4/S-904	PLACE 4" THERMOPLASTIC BICYCLE LANE LINE PAVEMENT STRIPING (F)	19,512 LF		
245	§314-4/S-904	PLACE 4" THERMOPLASTIC BICYCLE LANE INTERSECTION LINE PAVEMENT STRIPING (F)	4,140 LF		
246	§314-4/S-904	PLACE THERMOPLASTIC BICYCLE LANE SYMBOL & ARROW PAVEMENT MARKING (F)	42 EA		

247	§314-4/S-904	PLACE THERMOPLASTIC SHARED LANE PAVEMENT MARKING (F)	4 EA		
248	§314-4/S-904	PLACE THERMOPLASTIC WHITE 12" WIDE LIMIT LINE (F)	96 LF		
249	§314-4/S-904	PLACE THERMOPLASTIC WHITE "STOP" PAVEMENT MARKING (F)	30 EA		
250	§314-4/S-904	PLACE THERMOPLASTIC LADDER CROSSWALK PAVEMENT MARKING (F)	181 SF		
251	§314-4/S-904	PLACE THERMOPLASTIC YIELD LINE PAVEMENT MARKING (F)	42 SF		
252	§314-5/S-904	PLACE BLUE RETROREFLECTIVE PAVEMENT MARKERS PER MUTCD FIGURE 3B-102(CA) (F)	32 EA		
253	S-904	REMOVE & RELOCATE SIGN (F)	21 EA		
254	S-904	REMOVE & SALVAGE SIGN (F)	10 EA		
255	S-904	INSTALL R81(CA) SIGN (F)	20 EA		
256	S-904	INSTALL R81A(CA) SIGN (F)	2 EA		
257	S-904	INSTALL R81B(CA) SIGN (F)	2 EA		
258	S-904	INSTALL W74(CA) SIGN (F)	1 EA		
259	S-904	REMOVE & DISPOSE CHANNELIZER (F)	1 EA		
SCHEDULE D SUBTOTAL \$					

SCHEDULE E – WATER UTILITY IMPROVEMENTS

Bid Item #	Ref Spec § / Plan #	Bid Item Description	Approx. Quantity	Unit Price	Total Cost
261	§7-3/WP-1431,1435	MOBILIZATION & DEMOBILIZATION	1 LS		
262	WP-1431,1435	AUTHORIZED WORK	1 LS	\$50,000.00	\$50,000.00
263	§3-8.2, 601/WP-1431	TEMPORARY TRAFFIC CONTROL PLANS (F)	1 LS		
264	WP-1431	TEMPORARY TRAFFIC CONTROL (F)	1 LS		
265	§401/WP-1431	WORKSITE MAINTENANCE, WATER POLLUTION CONTROL (F)	2 LS		
266	§402/WP-1431	UTILITY LOCATION & PROTECTION (F)	1 LS		
267	§COV/WP-1435	REPLACE VALVE CAN ASSEMBLY (F)	61 EA		
268	§COV/WP-1435	REPLACE LONG WATER SERVICE LATERAL PER CITY STD W-01 (F)	9 EA		
269	§COV/WP-1435	REPLACE SHORT WATER SERVICE LATERAL PER CITY STD W-01 (F)	2 EA		
270	§COV/WP-1435	REPLACE WATER SERVICE SADDLE PER CITY STD W-01	1 EA		
271	§COV/WP-1435	RELOCATE WATER SERVICE LATERAL (F)	6 EA		
272	§COV/WP-1435	RELOCATE FIRE HYDRANT PER CITY STD W-11 (F)	4 EA		

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273	§COV/WP-1435	CONSTRUCT FIRE HYDRANT PER CITY STD W-11 (F)	2 EA		
274	§COV/WP-1431	FURNISH AND INSTALL 12-INCH PVC C-900 DR-14 CLASS 305 OR C-909 CLASS 305 OR DUCTILE IRON PIPE CLASS 350 PER CITY STD W-36 AND S-10	1095 LF		
275	§COV/WP-1431	CONNECT TO EXISTING 12-INCH WATER MAIN NEAR OUTER BEAR VALLEY ROAD/SEVENTH AVE. INTERSECTION AND ABANDONMENT PER DETAIL 'A' SHEET 3 OF 4	1 LS		
276	§COV/WP-1431	CONNECT TO EXISTING 12-INCH WATER MAIN IN TOKAY ROAD AND ABANDONMENT PER DETAIL 'B' SHEET 3 OF 4	1 LS		
277	§COV/WP-1431	CONNECT TO EXISTING 8-INCH WATER MAIN IN JASMINE STREET PER DETAIL 'C' SHEET 3 OR 4	1 LS		
278	§COV/WP-1431	FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY PER CITY STD W-11, W-13, W-18 AND W-42	2 EA		
279	§COV/WP-1431	FURNISH AND INSTALL NEW 4-INCH BLOW OFF ASSEMBLY PER CITY STD W-16 AND W-18	1 EA		
280	§COV/WP-1431	FURNISH AND INSTALL 2-INCH AIR-VAC AND RELEASE ASSEMBLY PER CITY STD W-25 AND W-27	2 EA		
281	§COV/WP-1431	REMOVE AND DISPOSE OF EXISTING FIRE HYDRANT ASSEMBLY AND VALVE CAN, VALVE LID, SLIP CAN AND CAN TUBE LOACTED AT TOKAY STREET/SEVENTH AVE. INTERSECTION.	1 EA		
282	§COV/WP-1431	FURNISH AND INSTALL 12" INSERT VALVE WITH SLIP CAN, CAN TUBE, AND VALVE LID PER CITY STD W-18	2 EA		
283	§COV/WP-1431	FURNISH AND INSTALL 12" RESTRAINED TYPE FLEX COUPLER FOR GRADE BRAKES.	3 EA		
SCHEDULE E SUBTOTAL \$					

The **base bid** shall be the total of Schedules **A** through **E** added together.

Schedule A Subtotal: _____

Schedule B Subtotal: _____

Schedule C Subtotal: _____

Schedule D Subtotal: _____

Schedule E Subtotal: _____

TOTAL: _____

<p>***** CITY CLERK WILL READ THIS TOTAL BASE BID *****</p> <p>TOTAL FOR BASE BID, SCHEDULES A+B+C+D+E (NUMBERS):</p> <p>\$ _____</p> <p>TOTAL FOR BASE BID, SCHEDULES A+B+C+D+E (WORDS):</p>
--

Contractor: _____

Address: _____

Phone: _____ Fax: _____

Email Address: _____

By: _____

(Name) Signature

Date:

**CONTRACTOR QUALIFICATION STATEMENT
SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031**

GENERAL

This form is required in advance of consideration of an application to bid or as a qualification statement in advance of award of contract. For consideration, the prime contractor shall submit all information requested in this Contractor Qualification Statement form. For specialty work performed by subcontractor(s), question number 8 contained herein shall be filled out completely for each specialty subcontracted trade. Furthermore, to the extent this form does not provide sufficient space to fully respond, extra sheets as necessary may be added, clearly identifying the response to the question number and subparts. **Failure to adequately demonstrate the required prior work/project completion experience will deem the bid nonresponsive and ineligible for further consideration.** The undersigned certifies under oath the truth and correctness of all statements and of all answers to questions made hereinafter.

SUBMITTED TO:

Corporation _____
Partnership _____
Individual _____
Joint Venture _____

SUBMITTED BY: _____

NAME: _____

ADDRESS: _____

(Note: Attach separate sheets as required)

1. How many years has your organization been in business as a licensed contractor?

2. Has your organization been in business for a minimum of **three (3) years** under the contractor's license currently used?
 Yes No
3. How many years has your organization been in business under its present business name?

4. Under what other or former names has your organization operated?

5. Identify parent company if applicable:

6. Has your organization ever been licensed under a different name or different license number?
 Yes No
If the answer is yes, give name(s) and license number(s):

7. Has your organization satisfactorily completed at least **three (3)** contracts for projects comparable in scope, specialty work if applicable and scale to the Project for which this Bid is submitted within **five (5)** years prior to the Bid Proposal deadline?
 Yes No

8. Complete the following information for **three (3)** completed construction contracts with public agencies for projects comparable in scope, specialty work if applicable and scale to the Project for which this Bid is being submitted:

a. **Project #1**

- i. Name of organization (contractor): _____
 Prime Contractor Specialty Subcontractor
- ii. Contractor's License number: _____
- iii. Name of Agency: _____
- iv. Name of Agency's Project Manager: _____
- v. Name of Project: _____
- vi. Project Address: _____
- vii. Agency's contact phone number and email address _____
- viii. Type of Facility: _____
- ix. Contract Type: _____
- x. Contract Amount: _____
- xi. Percent Change Orders to Base Contract: _____
- xii. Percent Work Performed With Own Forces: _____
- xiii. Scheduled Completion Date: _____
- xiv. Actual Completion Date: _____
- xv. Explain any differences between scheduled and actual completion dates:

- xvi. Explain any differences between the original contract amount and the actual cost to complete:

b. **Project #2**

- i. Name of organization (contractor): _____
 Prime Contractor Specialty Subcontractor
- ii. Contractor's License number: _____
- iii. Name of Agency: _____
- iv. Name of Agency's Project Manager: _____
- v. Name of Project: _____
- vi. Project Address: _____
- vii. Agency's contact phone number and email address: _____
- viii. Type of Facility: _____
- ix. Contract Type: _____
- x. Contract Amount: _____

- xi. Percent Change Orders to Base Contract: _____
- xii. Percent Work Performed With Own Forces: _____
- xiii. Scheduled Completion Date: _____
- xiv. Actual Completion Date: _____
- xv. Explain any differences between scheduled and actual completion dates:

- xvi. Explain any differences between the original contract amount and the actual cost to complete:

c. **Project #3**

- i. Name of organization (contractor): _____
 Prime Contractor Specialty Subcontractor
- ii. Contractor's License number: _____
- iii. Name of Agency: _____
- iv. Name of Agency's Project Manager: _____
- v. Name of Project: _____
- vi. Project Address: _____
- vii. Agency's contact phone number and email address: _____
- viii. Type of Facility: _____
- ix. Contract Type: _____
- x. Contract Amount: _____
- xi. Percent Change Orders to Base Contract: _____
- xii. Percent Work Performed With Own Forces: _____
- xiii. Scheduled Completion Date: _____
- xiv. Actual Completion Date: _____
- xv. Explain any differences between scheduled and actual completion dates:

- xvi. Explain any differences between the original contract amount and the actual cost to complete:

9. Has your organization's contractor's license been revoked at any time in the last five years?

- Yes No

10. At any time during the last five years, has your organization or any of its owners or officers been convicted of a crime involving the awarding of a government contract, bidding or the performance of a government contract?
 Yes No
11. If a corporation, answer the following:
a. Date of incorporation: _____
b. State of incorporation: _____
c. President's name: _____
d. Vice-president's name(s): _____
e. Secretary's or Clerk's name: _____
12. If individual or partnership answers the following:
a. Date of organization: _____
b. Name and address of all partners. (State whether general or limited partnership):

13. If other than corporation or partnership, describe organization and name principals: _____

14. We normally self- perform this _____ % of the work with our own forces. List trades below:

15. Has your organization ever failed to complete any work awarded to you in the last five years? If so, note when, where, and why:

I, the undersigned, certify and declare that I have read all the foregoing answers to the questionnaire "Contractor's Qualification Statement" and know their contents. The matters stated in the questionnaire answers are true of my own knowledge and belief, except as to those matters stated on information and belief, and as to those matters I believe them to be true. I declare under penalty of perjury under the laws of the State of California that the foregoing is correct.

Dated at _____

this _____ day of _____, 20 _____

By: _____

Title: _____

_____, being duly sworn deposes and says that he (she) is the _____, of Contractor(s) and that answers to the foregoing questions and all statements therein contained are true and correct.

Subscribed and sworn before me this _____ day of _____, 20 _____.

Notary Public: _____

My commission expires: _____

(Seal)

PROPOSER IDENTIFICATION
SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031

1. Legal name of Proposer: _____
2. Street Address: _____
3. Mailing Address: _____
4. Business Telephone: _____
5. Facsimile Telephone: _____
6. Email Address: _____
7. Type of Business: _____
 Sole Proprietor Partnership Corporation Other: _____
If corporation, indicate State where incorporated: _____
8. Business License number issued by the City where the Proposer's principal place of business is located:
Number: _____ Issuing City: _____
9. Contractors License number and expiration date.
Number: _____ Expiration date: _____
10. Federal Tax Identification Number: _____
11. Proposer's Project Manager: _____
12. Federal Tax Identification Number: _____

EXCEPTIONS FORM
SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031

Should Proposer take exception to **ANY** of the terms and conditions or other contents provided in the Construction Agreement Documents for the SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, list the exceptions below. **THIS COMPLETED FORM MUST BE RETURNED WITH YOUR PROPOSAL.** If no exception(s) are taken, enter "**NONE**" for the first item. *(Make additional copies of this form as necessary)*

Page Number: _____ Section Title: _____

Paragraph Number: _____ Exception Taken: _____

Page Number: _____ Section Title: _____

Paragraph Number: _____ Exception Taken: _____

Page Number: _____ Section Title: _____

Paragraph Number: _____ Exception Taken: _____

**PUBLIC CONTRACT CODE SECTION 10285.1
SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031**

(THE BIDDER'S EXECUTION ON THE SIGNATURE PORTION OF THIS PROPOSAL SHALL ALSO CONSTITUTE AN ENDORSEMENT AND EXECUTION OF THOSE CERTIFICATIONS WHICH ARE A PART OF THIS PROPOSAL)

PCC SECTION 10285.1 STATEMENT

In conformance with Public Contract Code Section 10285.1 (Chapter 376, Stats. 1985), the bidder hereby declares under penalty of perjury under the laws of the State of California that the bidder has____, has not ____ been convicted within the preceding three years of any offenses referred to in that section, including any charge of fraud, bribery, collusion, conspiracy, or any other act in violation of any state or Federal antitrust law in connection with the bidding upon, award of, or performance of, any public works contract, as defined in Public Contract Code Section 1101, with any public entity, as defined in Public Contract Code Section 1100, including the Regents of the University of California or the Trustees of the California State University. The term "bidder" is understood to include any partner, member, officer, director, responsible managing officer, or responsible managing employee thereof, as referred to in Section 10285.1.

Note: The bidder must place a checkmark after "has" or "has not" in one of the blank spaces provided. The above Statement is part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Statement. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

Signature

Company Name

Printed Name

Title

Date

**PUBLIC CONTRACT CODE SECTION 10232
SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031**

PCC SECTION 10232 STATEMENT

In conformance with Public Contract Code Section 10232, the Contractor, hereby states under penalty of perjury, that no more than one final unappealable finding of contempt of court by a federal court has been issued against the Contractor within the immediately preceding two-year period because of the Contractor's failure to comply with an order of a federal court which orders the Contractor to comply with an order of the National Labor Relations Board.

Note: The above Statement and Questionnaire are part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Statement and Questionnaire.

Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

Signature

Company Name

Printed Name

Title

Date

**WORKERS' COMPENSATION CERTIFICATION
SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031**

The Proposer shall execute the following form as required by the California Labor Code, Sections 1860 and 1861:

I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and on behalf of my firm, I will comply with such provisions before commencing the performance of the services of any contract entered into.

Signature

Company Name

Printed Name

Business License Number

Title

Date

SIGNATURE AUTHORIZATION
SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031

Proposer/Bidder: _____

- A. I hereby certify that I have the authority to offer this proposal/bid to the City of Victorville for the above listed individual or company. I certify that I have the authority to bind myself/this company in a contract should I be successful in my proposal/bid.

SIGNATURE

- B. The following information relates to the Proposer/Bidder listed above, whether an individual or a company. Place check marks as appropriate:

1. If successful, the contract language should refer to me as:

- ____ An Individual
____ A Partnership, Partners' names:
____ A Company
____ A Corporation

2. My tax identification number is: _____
(For individuals, this number is usually the Social Security Number)

3. ____ I am a certified small business and Small Business Preference is applicable to this proposal/bid. A copy of my certification from the Office of Small and Minority Business is attached.

____ I have recently filed for Small Business Preference but have not yet received certification.

____ I am not a Small Business.

4. ____ My business is owned by a minority whose ethnicity is: _____

____ My business is owned by a woman.

____ My business is owned by a disabled veteran.

LIST OF SUBCONTRACTORS
SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031

The Bidder shall comply with and furnish the following information for Subcontractors in accordance with Division 2, Chapter 4 of the California Public Contract Code (PCC) including Sections 4100 through 4113. All work subcontracted in excess of one-half of 1 percent of the bidder's total bid or \$10,000, whichever is greater, shall be listed herein.

The Prime Contractor shall perform with its own organization Contract Work amounting to not less than **Fifty Percent (50%)** of the total original contract price, excluding any Specialty items designated by the City in the Special Provisions or Description of Bid Items. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the amount of work required to be performed by the Contractor's own organization.

Bidder's Name: _____

Subcontractor Name, Business Address & Phone Number:

License Number & Classification: _____

Bid Item Number(s) Subcontracted: _____

Percentage (%) of Bid Item Number(s) Subcontracted: _____

Description of Work When Less Than 100% of Work is Subcontracted: _____

Dollar Amount Based on the Bid Amount: _____

DIR Registration number: _____

Subcontractor Name, Business Address & Phone Number:

License Number & Classification: _____

Bid Item Number(s) Subcontracted: _____

Percentage (%) of Bid Item Number(s) Subcontracted: _____

Description of Work When Less Than 100% of Work is Subcontracted: _____

Dollar Amount Based on the Bid Amount: _____

DIR Registration number: _____

***Note, add additional copies of this form as needed, numbered x of x number of pages.**

TOTAL PERCENTAGE SUBCONTRACTED: _____

QUESTIONNAIRE
SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031

In accordance with Public Contract Code Section 10162, the Bidder shall complete, under penalty of perjury, the following questionnaire:

QUESTIONNAIRE

Has the Bidder, any officer of the Bidder, or any employee of the Bidder who has a proprietary interest in the Bidder, ever been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state or local government project because of a violation of law or a safety regulation?

Yes _____ No _____

If the answer is yes, explain the circumstances in the following space:

**BIDDER'S BOND
SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031**

TO ACCOMPANY BID PROPOSAL FORM

THAT WE, _____, as Principal, and _____, as Surety, are held and firmly bound unto the City of Victorville in the sum of TEN PERCENT (10%) of the total amount of the bid of the Principal, to be paid to the City, for which payment, well and truly to be made, we bind ourselves, our heirs, executors and administrators, successors or assignees, jointly and severally, firmly by these presents.

In no case shall the liability of the Surety hereunder exceed the sum of \$_____.

THE CONDITION OF THIS OBLIGATION IS SUCH,

THAT WHEREAS, said Principal has submitted a bid to the City of Victorville to perform all work required under the Contract Documents for the following project:

SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031

NOW, THEREFORE, if the aforesaid Principal is awarded the contract, and within the time and manner required under the said Specifications, enters into a written contract, in the prescribed form, in accordance with the bid and files the two required bonds with the City of Victorville, one to guarantee faithful performance and the other to guarantee payment for labor and materials as required by law, then this obligation shall be null and void; otherwise, it shall be and remain in full force and virtue.

In the event suit is brought upon this bond by the City and judgment is recovered, the Surety shall pay all costs incurred by the City in such suit, including a reasonable attorney's fee to be fixed by the Court.

Accompanying this Proposal is () \$_____ Cash, () Cashier's Check, () Certified Check, () Bidder's Bond in the amount equal to at least ten percent (10%) of the total of the larger bid.

The UNDERSIGNED further agrees that in case of default in executing the required contract together with the necessary bonds within the period of time provided by the Proposal Requirements, the proceeds of the security accompanying this bid shall become the property of the City of Victorville, California, and this proposal and the acceptance thereof may be considered null and void.

Principal is licensed in the State of California in accordance with and act providing for the registration of Contractors, License No. _____. NOTE: Signature of the party executing for the Surety must be properly acknowledged.

PRINCIPAL

SURETY

(Seal)

Note: Signature of the party executing for this Surety must be properly acknowledged.

**NON-COLLUSION DECLARATION
TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID
(Public Contract Code Section 7106)
SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031**

The undersigned declares:

I am the _____ of _____, the party making the foregoing bid. The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on _____ [date], at _____ [city], _____ [state].

Signature

Company Name

Printed Name

Title

**SENATE BILL 854
SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031**

(<http://www.dir.ca.gov/Public-Works/PublicWorks.html>)

Senate Bill 854 signed into law on June 20, 2014, became effective immediately. It established a new public works Contractor registration program which will collect fees to fund compliance monitoring and enforcement, determine prevailing wage and public works coverage, and hear enforcement appeals.

All Contractors and subcontractors intending to bid or perform work on public works projects will be required to register, and annually renew, online for the program. This is a Department of Industrial Relations (DIR) fee paid to the State of California. The City will not register a Contractor/subcontractor, nor collect funds for registration.

Starting July 1, 2017 the new annual registration fees for public works contractors have increased to \$400.00, and contractors on small projects are exempt from public works registration and electronic certified payroll reporting requirements.

Subcontractor Eligibility: Contractor acknowledges that under Public Contract Code Section 6109 no contractor or subcontractor who is ineligible to bid or work on, or be awarded, a public works project under Labor Code Section 1777.1 or 1777.7 may bid on, be awarded, or perform work as a subcontractor on, a public works project. Contractor is prohibited from performing work on a public works project with a subcontractor who is ineligible to perform work on the public works project under Labor Code Section 1777.1 or 1777.7

Small Project Exemption:

Contractors who work exclusively on small public work projects are not required to register as a public works or file electronic certified payroll reports for those projects. Contractor are still required to maintain certified payroll records on a continuous basis, and provide them to the Labor Commissioner's Office upon request.

The small project exemption applies for public works projects that do not exceed:

- \$25,000 new construction, alteration, installation, demolition or repair
- \$15,000 for maintenance

The City as applicable will be required to fill out a form alerting the DIR of the services you are providing the City. Detailed information is required to complete this form. You may be asked to provide information needed to complete the DIR form. You will be asked to complete this in a timely manner to avoid interruption in the services you are providing.

Are you currently registered with the DIR?

Yes _____ **No** _____ If yes, what is your registration number? _____
(please submit proof of your registration)

Bidder: _____ Federal I.D. No: _____

Address: _____

Phone: _____ Fax: _____ Email: _____

Signature: _____ Date: _____

Name Printed: _____ Title: _____

**DEBARRED CERTIFICATION ACKNOWLEDGEMENT
SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031**

(a)(1) The Offeror/Bidder certifies, to the best of its knowledge and belief, that—

(i) The Offeror/Bidder and/or any of its Principals—

(A) Are not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;

(B) Have not, within a three-year period preceding this solicitation, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) contract or subcontract; violation of Federal or State antitrust statutes relating to the submission of bids; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, violating Federal criminal tax laws, or receiving stolen property;

(C) Are not presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in paragraph (a)(1)(i)(B) of this provision;

(ii) The Offeror/Bidder has not, within a three-year period preceding this offer, had one or more contracts terminated for default by any Federal agency.

(2) "Principal," for the purposes of this certification, means an officer, director, owner, partner, or a person having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a division or business segment; and similar positions).

This Certification Concerns a Matter Within the Jurisdiction of an Agency of the United States and the Making of a False, Fictitious, or Fraudulent Certification May Render the Maker Subject to Prosecution Under Section 1001, Title 18, United States Code.

(b) The Offeror/Bidder shall provide immediate written notice to the City if, at any time prior to contract award, the Offeror/Bidder learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

(c) A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with a determination of the Offeror's/Bidder's responsibility. Failure of the Offeror/Bidder to furnish a certification or provide such additional information as requested by the City may render the Offeror/Bidder nonresponsible.

(d) Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an Offeror/Bidder is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

(e) The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror/Bidder knowingly rendered an erroneous certification, in addition to other remedies available to the City, the City may terminate the contract resulting from this solicitation for default.

The Offeror/Bidder certifies that the foregoing is true and correct:

Offeror/Bidder: _____ Federal I.D. No: _____

Address: _____

Phone: _____ Fax: _____ Email: _____

Signature: _____ Date: _____

Name Printed: _____ Title: _____



SECTION E: SAMPLE CONTRACT SUBMITTAL DOCUMENTS

SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT

****SAMPLE AGREEMENT ONLY****
AGREEMENT WILL BE MODIFIED TO REFLECT THE ACTUAL ASSOCIATED
STIPULATIONS INDICATED IN THE SPECIAL PROVISIONS AND OTHER
APPLICABLE CONTRACT DOCUMENTS

CONSTRUCTION AGREEMENT
BY AND BETWEEN
THE CITY OF VICTORVILLE
AND
NAME OF CONTRACTOR
FOR
TITLE OF PROJECT, PROJECT NUMBER

THIS CONSTRUCTION AGREEMENT (the "Agreement") is made and entered into by and between the City of Victorville, a municipal corporation located in the County of San Bernardino, State of California, hereinafter referred to as the "City", and **NAME OF CONTRACTOR**, a (type of business (corporation, general contractor, etc.)), hereinafter referred to as the "Contractor". The City and the Contractor are sometimes hereinafter referred to as a "Party" and collectively referred to as the "Parties."

RECITALS:

WHEREAS, the City requires **DESCRIBE SERVICES AND PROJECT #**(the Project); and

WHEREAS, in light of the facts set forth above, the City desires to retain Contractor in connection with **DESCRIBE SERVICES**; and

NOW, THEREFORE, IN CONSIDERATION OF THE COVENANTS, CONDITIONS, AND PROMISES CONTAINED HEREIN AND FOR SUCH OTHER GOOD AND VALUABLE CONSIDERATION, THE PARTIES HERETO AGREE AS FOLLOWS:

Section 1. **RECITALS**

The Recitals set forth above are true and correct and are hereby incorporated into this Agreement by this reference, as though set forth herein.

Section 2. **TERM OF AGREEMENT**

This Agreement shall commence within **NUMBER (QTY) OF CALENDAR DAYS** after issuance of Notice to Proceed (the "Commencement Date") and shall terminate upon completion of the Project **NUMBER (QTY) OF CALENDAR DAYS** after Commencement Date (**the "Termination Date"**), unless sooner terminated in accordance with the provisions of this Agreement (the "Term"). From and after the Termination Date, and upon subsequent agreement by the Parties, this Agreement may continue on a month-to-month basis until terminated pursuant to Section 3 below.

[IF NO OPTION PERIODS -- DELETE THIS SECTION FROM THE AGREEMENT IN IT'S ENTIRETY]-- This Agreement may be extended for **ONE (1)** additional one-year period (hereinafter "Option Period"), at the option of City, subject to satisfactory performance as determined by the City. City

shall give Contractor sixty (60) days advance written notice prior to the expiration the initial Term and sixty (60) days advance written notice prior to the expiration date of each subsequently exercised Option Period, if any, should the City decide to exercise its option(s) to extend. In the event City does not give Contractor such written notice of its option to extend, this Agreement shall terminate at the end of the then-current Term or Option Period without further notice from either Party, unless terminated earlier pursuant to the provisions of Section 3 below. Should the City fail to give Contractor the sixty (60) days written notice of its intention to exercise any Option Period, the City may, in its sole discretion, elect to exercise any Option Period at a later date, following written inquiry from Contractor.

Section 3. TERMINATION OR SUSPENSION

a. This Agreement may be terminated or suspended without cause by either Party at any time, provided that the Party initiating the termination provides the other Party at least thirty (30) days advance written notice of such termination or suspension. In the event of such termination, the City shall only be liable for payment under the payment provisions of this Agreement for satisfactory work rendered or supplies actually furnished prior to the effective date of termination.

b. This Agreement may be terminated or suspended with cause by either Party at any time, provided that the Party initiating termination provides the other Party at least ten (10) days advance written notice of such termination or suspension. In the event of such termination, the City shall only be liable for payment under the payment provisions of this Agreement for satisfactory work rendered or supplies actually furnished prior to the effective date of termination.

Section 4. CONTRACT DOCUMENTS; PRIORITY

a. Contract Documents. The Contract Documents consist of the following documents, all of which are either attached hereto as exhibits or are incorporated herein by this reference. Said Contract Documents are intended to be correlative and constitute Contractor's performance obligations

1. This Agreement.
2. Exhibits A & B.
3. Notice Inviting Bids for the Project.
4. Specifications for the Project.
5. Special Provisions.
6. Accepted Proposal.
7. Non-Collusion Affidavit.
8. Guaranty.

b. Interpretation. In the event of any conflict between any of the Contract Documents, the document highest in the order of precedence (from highest to lowest), as set forth in Subsection 4.a above shall control.

Section 5. CONTRACTOR'S OBLIGATIONS

Contractor shall complete the Project as specifically set forth in the Contract Documents. Contractor shall furnish, at its own cost and expense, all labor, services, material, tools, equipment, supplies, transportation, and any other items and facilities necessary therefore, as provided in the Contract Documents.

Section 6. COMPENSATION

The Contractor agrees to receive and accept the following amount, not to exceed **SPELL OUT DOLLAR AMOUNT AND 00/100 DOLLARS (\$0.00)**, as full compensation for furnishing; all materials, doing all the work contemplated and embraced in this contract, all loss or damage arising out of the nature of the work aforesaid, the action of the elements, any unforeseen difficulties or obstructions which may arise or be encountered in the execution of the work until its acceptance by the City, and for all risks of every description connected with the work, all expenses incurred by or in consequence of the suspension

or discontinuance of work well and faithfully completing the whole work, thereof, according to the requirements of the agreement documents and to the satisfaction of **DIRECTOR NAME AND TITLE**, or his designee, to wit: See **Exhibit "A", Scope of Work**.

Section 7. BID PROPOSAL FORMS (AMEND TITLE AS APPLICABLE)

The City shall pay Contractor as provided in the Bid Proposal Forms, attached hereto as **Exhibit "B"**, and incorporated herein by this reference as though set forth in full, subject to approval of the City, when applicable.

Section 8. PREVAILING WAGES

a. In accordance with the provisions of the California Labor Code (1720,1770-1776, 1810, 1813 and 1815), the State Director of Industrial Relations has determined the general prevailing rates of per diem wages in the locality where the Project is to be done. Copies of the updated Wage Determination rates are available from the State of California via the internet at www.dir.ca.gov. Additionally, copies of the prevailing rate of per diem wages are on file at the City of Victorville Finance Division and shall be made available for review to any interested party on request. Notwithstanding anything in the Contract Documents to the contrary, Contractor and all subcontractors shall pay not less than said specified State of California rates to all workers employed by them in the execution of the work contemplated by this Contract. Contractor shall be responsible for using the correct and current prevailing wage rates.

b. **AB219 (as applicable)** adds Section 1720.9 to the Labor Code, the hauling and delivery of ready-mixed concrete to carry out a public works contract, with respect to contracts involving state agency or any political subdivision of the state. Section 1720.9 defines the term "ready-mixed" concrete and specifies that the rate of pay shall be the current prevailing wage "for the geographical area in which the factory or batching plant is located" as determined by the DIR. The statute also requires a written agreement between the party hauling or delivering the ready-mixed concrete and the party that engaged its services. Nothing in Section 1720.9 shall cause any company to be treated as a contractor or subcontractor for any purpose other than the application of this chapter of the Labor Code.

c. The delivery company shall provide certified payroll records under Labor Code section 1776(a) to the party that engaged its services and to the general contractor within five working days after the employee has been paid, accompanied by a written time record within five working days after the employee has been paid, accompanied by a written time record. The time record must be certified by each driver for the performance of job duties.

d. Contractor shall be solely responsible for using the correct wage decision or determination and performing accordingly. An error on the part of any awarding body does not relieve the Contractor from the responsibility for payment of the correct State prevailing wage and compliance with the maintenance and inspection of payroll records, posting of prevailing wage rates at work site, employment of apprentices, and other requirements of California Labor Code Section 1720, et seq.; California Code of Regulations, Title 8, Section 16000 et seq.; and all other applicable State labor laws. Contractor further acknowledges and agrees that it will be independently responsible for reviewing the applicable laws and regulations and effectuating compliance with those laws. Contractor will require the same of all its subcontractors.

NOTE: Confirmation of certified payroll submittal to the Department of Industrial Relations (DIR) is required with each invoice to the City. Payment of the invoice may be delayed when proof of certified payroll submittal is not included with the Contractor's invoice.

Section 9. WORKERS' COMPENSATION INSURANCE

Contractor shall procure and maintain, at its own expense, during the Term of this Agreement, workers' compensation insurance, providing coverage as required by the California State Workers' Compensation Law. If any class of employees employed by Contractor is not protected by the California State Workers' Compensation Law, Contractor shall provide adequate insurance for the protection of such employees to the satisfaction of the City.

In conformance with current statutory requirements of Section 1860 et seq., of the Labor Code of the State of California, the undersigned confirms the following as their certification:

I am aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions before commencing the performance of the work of this contract.

Section 10. NOTICE TO PROCEED

No work, service, material, or equipment shall be performed or furnished under this Contract unless and until a Notice to Proceed has been given to the Contractor by the City. Contractor shall commence work pursuant to the Contract Documents as directed by the City in the Notice to Proceed, and to diligently execute the same to completion within the time limits set forth in the Contract Documents.

Section 11. COMPLIANCE WITH LAWS

Contractor shall comply with all local, state, and federal laws and regulations applicable to the performance of the work required by the Contract Documents, including any rule, regulation, or bylaw governing the conduct or performance of Contractor, its employees, officers, board members, agents, independent contractors, and subcontractors. Unless otherwise specified in the Contract Documents, all required permits and licenses shall be held or obtained by the Contractor at its sole expense.

Section 12. COMMERCIAL GENERAL AND AUTOMOBILE LIABILITY INSURANCE

a. Contractor shall procure and maintain at its own expense, during the term of this Agreement, commercial general liability insurance, of not less than One Million Dollars (\$1,000,000) per occurrence, and Two Million Dollars (\$2,000,000) in the aggregate, for bodily injury, personal injury, death, loss, or damage resulting from the wrongful or negligent acts by the Contractor or its officers, employees, servants, volunteers, and agents and independent contractors.

b. Contractor shall further procure and maintain, at its own expense, during the Term of this Agreement, commercial vehicle liability insurance covering personal injury and property damage, of not less than One Million Dollars (\$1,000,000) Combined Single Limit, covering any vehicle(s) utilized by Contractor or its officers, employees, servants, volunteers, or agents and independent contractors in performing the services required by this Agreement.

Section 13. COURSE OF CONSTRUCTION/INLAND MARINE INSURANCE

Contractor, and or any of its subcontractors, suppliers, vendors, employees, or person whom it performing any work under this agreement shall purchase, and maintain insurance to the full contract and insurable value thereof commonly referred to as a Course of Construction, Builders' Risk, or an Inland Marine policy that offers "Installation" coverage for all materials, supplies, equipment, and property obtained by, or for Contractor, which is to become part of the work while such equipment and property is stored at the jobsite, at temporary locations, or while in transit to the project from such temporary locations. **Contractor, and or any of its subcontractors, suppliers, vendors, employees, or person whom is performing any work under this agreement shall** also be responsible for insuring their owned, leased/rented or borrowed equipment. Insurance should also include a Loss Payee, and a Waiver of Subrogation Endorsement(s) in favor of the City of Victorville.

Section 14. ADDITIONAL INSURED

Notwithstanding any inconsistent statement in any required insurance policies or any subsequent endorsements attached thereto, the protection offered by all policies, except for Workers' Compensation coverage, shall bear an endorsement whereby it is provided that, the City and its officers, employees, servants, volunteers, and agents and independent contractors, including, without limitation, the City Attorney, are named as Additional Insureds.

Section 15. WAIVER OF SUBROGATION RIGHTS

Contractor shall require the carriers of all required insurance policies to waive all rights of subrogation against the City and its officers, volunteers, employees, contractors, and subcontractors. Each policy of insurance shall be endorsed to reflect such waiver.

Section 16. PROOF OF INSURANCE COVERAGE; REQUIRED PRIOR TO COMMENCEMENT OF SERVICES

a. Contractor shall secure from a good and responsible company or companies authorized to do insurance business in the State of California the policies of insurance required by this Agreement and furnish to the City Clerk certificates of said insurance at least one (1) day prior to the commencement of any services to be performed under this Agreement.

b. The certificates of insurance shall bear an endorsement whereby it is provided that, in the event of cancellation or amendment of any required insurance policy for any reason

whatsoever, the City shall be notified by mail, postage prepaid, not less than thirty (30) days before the cancellation or amendment is effective. In the case of non-payment, ten (10) days' advance written notice shall be given.

c. The certificates of insurance shall bear an endorsement whereby it is provided that the respective insurance policy shall not be terminated or expire without first providing thirty (30) days written notice to the City of such termination or expiration.

d. The certificates of insurance shall indicate that the respective insurance policy will be maintained throughout the Term of this Agreement.

e. The Commercial General Liability and vehicle liability policies shall be endorsed to contain the following provision: "For any claims related to this Contract, Contractor's service coverage shall be primary with respect to the City. Any insurance maintained by the City shall be in excess of Contractor's insurance and shall not contribute to it.

Section 17. TIME OF THE ESSENCE

Time is of the essence in the performance of this Agreement.

Section 18. INDEMNIFICATION

Notwithstanding the limits of any insurance, Contractor shall indemnify the City, its officials, officers, agents, volunteers and employees against, and will hold and save them and each of them harmless from, any and all actions, suits, claims, damages to persons or property, losses, costs, penalties, obligations, errors, omissions or liabilities, (herein "claims or liabilities") that may be asserted or claimed by any person, firm or entity arising or alleged to arise out of or in connection with the negligent performance of the work, operations or activities of Contractor, its agents, employees, subcontractors, or invitees, provided for herein, or arising or alleged to arise from the negligent acts or omissions of Contractor hereunder, or arising or alleged to arise from Contractor's negligent performance of or failure to perform any term, provision, covenant or condition of this Agreement, but excluding such claims or liabilities or portion of such claims or liabilities arising or alleged to arise from the negligence or willful misconduct of the City its officials, officers, agents, volunteers or employees, and in connection therewith:

a. Contractor will defend any action or actions filed in connection with any of said claims or liabilities and will pay all costs and expenses, including legal costs and attorneys' fees incurred in connection therewith;

b. Contractor will promptly pay any judgment rendered against the City, its officials, officers, agents or employees for any such claims or liabilities arising or alleged to arise out of or in connection with Contractor's (or its agents', employees', subcontractors' or invitees') negligent performance of or failure to perform such work, operations or activities hereunder; and Contractor agrees to save and hold the City, its officials, volunteers, officers, agents, and employees harmless there from;

c. In the event the City, its officials, officers, agents, volunteers or employees is made a Party to any action or proceeding filed or prosecuted against Contractor for such damages or other claims arising or alleged to arise out of or in connection with the negligent performance of or failure to perform the work, operation or activities of Contractor hereunder, Contractor shall pay to the City, its officials, volunteers officers, agents or employees, any and all costs and expenses incurred by the City, its officers, agents or employees in such action or proceeding, including but not limited to, legal costs and attorneys' fees for counsel acceptable to City;

d. Contractor's duty to defend and indemnify as set out in this Section shall include any claims, liabilities, obligations, losses, demands, actions, penalties, suits, costs, expenses or damages or injury to persons or property arising or alleged to arise from, in connection with, as a consequence of or pursuant to any state or federal law or regulation regarding hazardous substances, including but not limited to the Federal Insecticide, Fungicide and Rodenticide Act ("FIFRA"), Comprehensive Environmental Response, Compensation and Liability Act of 1980 ("CERCLA"), Resource Conservation and Recovery Act of 1976 ("RCRA"), the Hazardous and Solid Waste Amendments of 1984, the Hazardous Material Transportation Act, the Toxic Substances control Act, the Clean Air Act, the Clean Water Act, the California Hazardous Substance Account Act, the California Hazardous Waste Control Law or the Porter-Cologne Water Quality Control Act, as any of those statutes may be amended from time to time;

The Contractor's indemnification obligations pursuant to this Section shall survive the termination of this Agreement. Contractor shall require the same indemnification from all subcontractors.

Section 19. REPORTS

Upon request by **DIRECTOR NAME AND TITLE**, or his designee, Contractor shall prepare and submit reports concerning Contractor's performance of the work required by this Agreement.

Section 20. RECORDS

a. Contractor shall keep such books and records as shall be necessary to perform the services required by this Agreement and enable **DIRECTOR NAME AND TITLE**, or his designee, to evaluate the cost and the performance of such services.

b. Books and records pertaining to costs shall be kept and prepared in accordance with generally accepted accounting principles.

c. **DIRECTOR NAME AND TITLE**, or his designee, shall have full and free access to such books and records at all reasonable times, including the right to inspect, copy, audit, and make records and transcripts from such records.

d. Records and supporting documents pertaining to the use of funds paid to Contractor hereunder shall be retained by Contractor and made available to **DIRECTOR NAME AND TITLE**, or his designee, for purposes of performing an audit for a period of five (5) years from the date of termination of this Agreement.

Section 21. MODIFICATIONS AND AMENDMENTS

This Agreement may be modified or amended only by a written instrument signed by both Parties.

Section 22. ENTIRE AGREEMENT

a. This Agreement supersedes any and all prior or contemporaneous agreements, either oral or written, between the City and Contractor with respect to the subject matter of this Agreement.

b. The Contract Documents contain all of the covenants and agreements between the Parties with respect to the subject matter herein, and each Party acknowledges that no representations, inducements, promises, or agreements have been made by or on behalf of any Party, except those covenants and agreements in this Agreement and the Contract Documents.

c. No agreement, statement, or promise with respect to the subject matter of the Contract Documents, which is not contained in the Contract Documents, or in a valid modification or amendment to the Contract Documents, shall be valid or binding on either Party.

Section 23. AMBIGUITIES

This Agreement is in all respects intended by each Party hereto to be deemed and construed to have been jointly prepared by the Parties and the Parties hereby expressly agree that any uncertainty or ambiguity existing herein shall not be interpreted against either of them. Except as expressly limited by this paragraph, all of the applicable rules of interpretation of contract shall govern the interpretation of any uncertainty or ambiguity of this Agreement.

Notwithstanding the foregoing, the Parties agree that **Exhibits "A" and "B" (AMEND AS APPLICABLE)** are attached hereto for reference purposes and to the extent there are any ambiguities, inconsistencies or conflicts between the terms of this Construction Agreement and **Exhibits "A" and "B"**, the terms of this Construction Agreement shall control and nothing set forth in **Exhibits "A" and "B"** shall be deemed to supersede any of the provisions of this Construction Agreement.

Section 24. NOTICES

a. Any notice to be provided pursuant to this Agreement shall be in writing, and all such notices shall be delivered by personal service or by deposit in the United States mail, certified or registered, return receipt requested, with postage prepaid, and addressed to the Parties as follows:

To the City: DIRECTOR NAME AND TITLE
City of Victorville
14343 Civic Drive
Victorville, CA 92392

To Contractor: **CONTRACTOR NAME AND ADDRESS**

b. Notices, payments, and other documents shall be deemed delivered upon receipt by personal service or as of the second (2nd) day after deposit in the United States mail.

Section 25. NON-LIABILITY OF CITY OFFICERS AND EMPLOYEES

No officer or employee of the City shall be personally liable to Contractor, or any successor in interest, in the event of any default or breach by the City or for any amount, which may become due to Contractor or to its successor(s), or for any breach of any obligation of the terms of this Agreement.

Section 26. REVIEW BY ATTORNEYS

Each Party hereto has had its attorneys review this Agreement and all related documents. Each Party hereto has consulted with its attorneys and has negotiated the terms of this Agreement based on such consultation.

Section 27. CARE OF WORK

Contractor must adopt reasonable methods during the life of the Agreement to furnish continuous protection to the work, and the equipment, materials, papers, documents, plans, studies and other components to prevent losses or damages, and will be responsible for all damages, to persons or property, until acceptance of the work by the City, except those losses or damages as may be caused by the City's own negligence. The performance of the work by Contractor or the payment of money by the City shall not relieve Contractor from any obligation to correct any incomplete, inaccurate, or defective work at no further cost to the City, when such inaccuracies are due to the negligence of Contractor.

Section 28. CAPTIONS AND HEADINGS

The captions and headings contained in this Agreement are provided for identification purposes only and shall not be interpreted to limit or define the content of the provisions described under the respective caption or heading.

Section 29. SUCCESSORS, HEIRS, AND ASSIGNS

Except as otherwise expressly provided herein, this Agreement shall be binding upon the successors, endorsees, assigns, heirs, and personal representatives of each of the Parties to this Agreement and, likewise, shall inure to the benefit of the successors, endorsees, assigns, heirs, and personal representatives of each of the Parties.

Section 30. GENDER; PLURAL

In this Agreement, unless the context clearly requires otherwise, the masculine, feminine and neuter genders and the singular and the plural shall include one another.

Section 31. SEVERABILITY

If any one or more of the sentences, clauses, paragraphs, or sections contained herein is declared invalid, void, or unenforceable by a court of competent jurisdiction, the same shall be deemed severable from the remainder of this Agreement and shall not affect, impair, or invalidate any of the remaining sentences, clauses, paragraphs, or sections contained herein.

Section 32. GOVERNING LAW

The validity of this Agreement and any of its terms or provisions, as well as the rights and duties of the Parties under this Agreement, shall be construed pursuant to and in accordance with California law.

Section 33. CUMULATIVE 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 of any other default by the other Party.

Section 34. VENUE

All proceedings involving disputes over the terms, provisions, covenants, or conditions contained in this Agreement and all proceedings involving any enforcement action related to this Agreement shall be initiated and conducted in the applicable court or forum in San Bernardino County, California.

Section 35. ATTORNEY'S FEES

Should any litigation, specifically including but not limited to, arbitration and other non-judicial resolution of disputes be commenced between the Parties to this agreement concerning this agreement or the rights and duties of either in relation thereto, the Parties prevailing in such litigation or other proceeding shall be entitled, in addition to such other relief as may be granted, to a reasonable sum as and for attorney fees in such litigation where the proceeding which, if not agreed upon by the Parties, shall be determined by the court or other entity in which such litigation or other proceeding is brought.

Section 36. EFFECTIVENESS OF AGREEMENT

This Agreement shall not be binding upon the City, until signed by the authorized representative(s) of Contractor, approved by the City's Risk Manager, and executed by the authorized City personnel or Mayor.

Section 37. REPRESENTATIONS OF PARTIES AND PERSONS EXECUTING AGREEMENT

a. Each of the Parties to this Agreement hereby represents that all necessary and appropriate actions of their governing bodies have been taken to make this Agreement a binding obligation of each of the Parties hereto.

b. The persons executing this Agreement warrant that they are duly authorized to execute this Agreement on behalf of and bind the Parties each purports to represent.

Section 38. COUNTERPARTS

This Agreement may be executed by the Parties in counterparts, and when executed by each of the Parties, each counterpart shall be deemed to be a part of this Agreement.

(END OF THIS PAGE)

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed as of the dates written below.

THE CITY OF VICTORVILLE

CONTRACTOR

By: _____

By: _____

NAME AND TITLE

NAME AND TITLE

Dated: _____

Dated: _____

ATTEST

By: _____

**Charlene Robinson,
City Clerk**

Dated: _____

THE CITY OF VICTORVILLE

APPROVED AS TO STANDARD FORM

By: _____

By: _____

**John Preston,
Risk Manager**

**Andre de Bortnowsky,
City Attorney**

Dated: _____

Dated: _____

EXHIBIT A

SCOPE OF WORK

REVISE, AS NEEDED

City agrees to engage Contractor and Contractor agrees to furnish all necessary labor, tools, materials, and equipment for and do the Work for the Project. The Work shall be performed in accordance with: (i) the Plans and Specifications and applicable Addenda (as generally described in the Request for Bid, Project Number BM_____, for the Project, portions of which are attached hereto for ease of reference as **Exhibit "A" (if available)**), and the entirety of which is currently on file in office of the City Clerk); (ii) the prices set forth in Contractor's Bid Proposal (attached as **Exhibit "B"**); and (iii) with the instructions of the City Engineer, (if applicable, if not, remove).

i) See Attachment

REVISE AS APPLICABLE

EXHIBIT B

CONTRACTOR'S BID PROPOSAL

ii) See Attachment
REVISE AS APPLICABLE

**FAITHFUL PERFORMANCE BOND
SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031**

KNOW ALL MEN BY THESE PRESENTS:

THAT WE, _____, hereinafter referred to as "Contractor," as principal, and _____, as Surety, are held and firmly bond unto the CITY OF VICTORVILLE, in the sum of _____ Dollars, (\$_____), lawful money of the United States of America, for the payment of which sum well and truly to be made, we bind ourselves, jointly and severally, firmly by these presents. The conditions of the foregoing obligation is such that:

WHEREAS, said Contractor has been awarded and is about to enter into the annexed contract with said CITY OF VICTORVILLE for completion of "**SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031**" as specifically set forth in documents entitled of "**SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031**" and is required under the terms of the Contract to give this Bond in connection with the execution of said Contract;

NOW, THEREFORE, if the said Contractor shall well and truly do and perform all of the covenants and obligations of said Contract on his part to be done and performed at the times and in the manner specified herein, then his obligation shall be null and void, otherwise, it shall be and remain in full force and effect;

PROVIDED, that any alterations in the work to be done, or the material to be furnished, which may be made pursuant to the terms of said Contract, shall not in any way release either the Contractor or the Surety there under, nor shall any extensions of time that be granted under the provision of said Contract release either the Contractor or the Surety, and notice of such alterations or extensions of the Contract is hereby waived by the Surety.

WITNESS our hands this _____ day of _____, _____.

(SEAL)

Contractor

SURETY

By: _____

By: _____

Title: _____

NOTE: Signature of the party executing for the Surety must be properly acknowledged.

PAYMENT BOND
SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031
PAYMENT BOND TO ACCOMPANY CONSTRUCTION CONTRACT
(Public Contract Code Sections 7103 and 10221)

BOND NO. _____

Know All Men By These Presents:

THAT WE, _____, hereinafter referred to as "Contractor," as principal, and _____, as Surety, are held and firmly bound unto the S, in the sum of _____ Dollars \$ _____), lawful money of the United States of America, for the payment of which sum well and truly be made, we bind ourselves, jointly and severally, firmly by these presents. The condition of the foregoing obligation is such that:

WHEREAS, the provisions of Public Contract Code Sections 7103 and 10221 require the Principal file a bond in connection with the awarded project and is about to enter into the annexed contract with said Southern California Logistics Airport Authority for completion of project "**CC22-031 SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT**" as specifically set forth with said project and is required under the terms contract to give this bond in connection with the execution of said Contract.

THE CONDITION OF THIS OBLIGATION IS SUCH,

1. That if said Principal or its subcontractors shall fail to pay any of the persons named in Civil Code 9100, or amounts due under the Unemployment Insurance Code with respect to work or labor performed under the contract, or for any amounts required to be deducted, withheld, and paid over to the Employment Development Department from the wages of employees of the Principal and subcontractors pursuant to Section 13020 of the Unemployment Insurance Code, with respect to such work and labor, that the surety herein will pay for the same, otherwise this obligation is to be void. In case suit is brought upon this bond, the Surety will pay a reasonable attorney's fee to be fixed by the court.
2. This bond shall inure to the benefit of any persons named in Civil Code Section 9100 as to give a right of action to such persons or their assigned in any suit brought upon this bond.
3. The aggregate liability of the Surety hereunder, including costs and attorney fees, on all claims whatsoever shall not exceed the penal sum of the bond in accordance with the provisions of Section 996.470(a) of the Code of Civil Procedure.
4. This bond is executed by the Surety, to comply with the provisions of Public Contract Code Sections 7103, 10221 and 10222, of Chapter 5, Title 3, Part 6, Division 4 of the Civil Code and of Chapter 2, Title 14, Part 2 of the Code of Civil Procedure and said bond shall be subject to all of the terms and provisions thereof.
5. This bond may be cancelled by the Surety in accordance with the provisions of Section 996.310 et seq. of the Code of Civil Procedure.

PROVIDED, that any alterations in the work to be done, or the material to be furnished, which may be made pursuant to the terms of said contract, shall not in any way release either the Contractor or the Surety thereunder, nor shall any extensions of time granted under the provisions of said Contract release either the Contractor or the Surety, and notice of such alterations or extensions of the Contract is hereby waived by the Surety.

This bond to become effective _____

(NAME OF SURETY)

(ADDRESS FOR SERVICE)

I certify (or declare) under penalty of perjury under the laws of State of California that I have executed the foregoing bond under an unrevoked power of attorney.

Executed in _____ on _____
(City and State) Date

(SIGNATURE OF ATTORNEY IN FACT)

(PRINTED OR TYPED NAME OF ATTORNEY IN FACT)

GUARANTY
SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031

TO THE CITY OF VICTORVILLE, CALIFORNIA

The undersigned guarantees the completion of "**SEVENTH AVENUE & ARROWHEAD DRIVE ROAD IMPROVEMENT, PROJECT CC22-031**". Should any of the materials or equipment prove defective or should the work as a whole prove defective, due to faulty workmanship, material furnished, or methods of installation, or should the work or any part thereof fail to operate properly as originally intended and in accordance with the Plans and Specifications and/or manufacturers specifications, due to any of the above causes, all within twelve (12) months after date on which this Contact is accepted by the City, the undersigned agrees to reimburse the City, upon demand, for its expenses incurred in restoring said work to the condition contemplated in said project, including the cost of any such equipment or materials replaced and the cost of removing and replacing any other work necessary to make such replacement or repairs, or, upon demand by the City, to replace any such materials and to repair said work completely without cost to the City so that said work will function successfully as originally contemplated.

The City shall have the unqualified option to make any needed replacements or repairs itself or to have such replacements or repairs done by the undersigned.

In the event the City elects to have said work performed by the undersigned, the undersigned agrees that the repairs shall be made and such materials as are necessary shall be furnished and installed within the time limit designated by the City. If the undersigned shall fail or refuse to comply with their obligations under this guaranty, the City shall be entitled to all costs and expenses, including attorney's fees, reasonably incurred by reason of said failure or refusal.

SIGNED: _____
CONTRACTOR

By: _____ Title: _____

Dated this _____ day of _____, _____.

NOTE: This Guaranty shall be executed by the successful bidder in accordance with instructions in the Special Provisions. The bidder may execute the Guaranty on this page at the time of submitting the bid.

SUBCONTRACTING REQUEST

CONTRACTOR NAME					COUNTY			
BUSINESS ADDRESS					CONTRACT NUMBER CC22-031			
CITY AND STATE			ZIP CODE		FEDERAL-AID PROJECT NUMBER N/A			
A. SUBCONTRACTOR (Name, Business Address, Phone)	B. BID ITEM NUMBER (S)	C. PERCENTAGE OF BID ITEM SUBCONTRACTED	D. SUB LISTED AT BID TIME		E. CERTIFIED DBE (N/A)		F. DESCRIBE WORK WHEN LESS THAN 100% OF WORK IS	G. DOLLAR MOUNT BASED ON THE BID AMOUNT
			Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>		
			Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>		
			Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>		
			Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>		
			Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>		
			Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>		

I certify that:

- The Standard Provisions for labor set forth in the contract apply to the subcontracted work.
- If applicable, Form FHWA- 1273 of the Special Provisions has been inserted in the subcontracts and should be incorporated in any lower-tier subcontract. Written contracts have been executed for the above noted subcontracted work.

Contractor Signature	Printed Name	Date
----------------------	--------------	------

This section is to be completed by the engineer.

- | | | |
|---|----|--|
| 1. Total of bid items | \$ | |
| 2. Contractor must perform with own forces (line 1 X contract req. %) | \$ | |
| 3. Bid items previously subcontracted (taken from previously approved 16-B) | \$ | |
| 4. Bid items subcontracted (this request) | \$ | |
| 5. Total bid items subcontracted (line 3 plus 4) | \$ | |
| 6. Balance of work contractor to perform (line 1 minus 5) | \$ | |

Approved	
ENGINEER'S SIGNATURE	DATE

Copy Distribution : Original-Engineer Copy- Contractor

INSTRUCTIONS FOR COMPLETING SUBCONTRACTING REQUEST FORM

All first-tier subcontractors must be included on a subcontractor request.

Before subcontracting work starts, the contractor will submit an original 16-B for approval according to the Standard Specifications. After approval, the City returns a copy to the contractor.

D. If subcontractor was listed at bid time per the Fair Practices Act, check yes, otherwise check no.

E. If subcontractor is a certified DBE contractor, check yes, otherwise check no.

F & G. When a portion of an item is subcontracted, describe the portion and show the percentage of the bid item and value.

G. When an entire item is subcontracted, show the full bid item value.

THIS FORM IS NOT TO BE USED FOR SUBSTITUTIONS OF SUBCONTRACTORS AND UDBE, DVBE OR SMALL BUSINESS ENTITIES.

FINAL REPORT-UTILIZATION OF DISADVANTAGED BUSINESS ENTERPRISES (DBE) AND FIRST-TIER SUBCONTRACTORS

1. Agency Contract Number: CC22-031		2. Federal-Aid Project Number		3. Agency City of Victorville		4. Contract Completion Date	
5. Contractor			6. Business Address			7. Final Contract Amount	
8. Contract Item Number	9. Description of Work, Service, or Materials Supplied	10. Company Name and Business Address	11. DBE Certification Number	12. Contract Payments		13. Date Work Completed	14. Date of Final Payment
				Non-DBE	DBE		
15. ORIGINAL DBE COMMITMENT AMOUNT _____				16. TOTAL			

List all first-tier subcontractors/subconsultants and DBEs regardless of tier whether or not the firms were originally listed for goal credit. If actual DBE utilization (or item of work) was different than that approved at the time of award, provide comments on an additional page. List actual amount paid to each entity. If no subcontractors/subconsultants were used on the contract, indicate on the form.

I CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND CORRECT					
17. Contractor's Signature		18. Contractor's Name		19. Phone	20. Date
I CERTIFY THAT THE CONTRACTING RECORDS AND ON-SITE PERFORMANCE OF THE DBE(S) HAS BEEN MONITORED					
21. Agency Representative's Signature		22. Agency Representative's Name		23. Phone	24. Date

DISTRIBUTION: Original – Agency, Copy – Contractor

INSTRUCTIONS – FINAL REPORT-UTILIZATION OF DISADVANTAGED BUSINESS ENTERPRISES (DBE) AND FIRST-TIER SUBCONTRACTORS

1. **Agency Contract Number** - Enter the Agency contract number or identifier.
2. **Federal-Aid Project Number** - Enter the Federal-Aid Project Number.
3. **Agency** - Enter the name of the agency that is funding the contract.
4. **Contract Completion Date** - Enter the date the contract was completed.
5. **Contractor** - Enter the contractor's name.
6. **Business Address** - Enter the contractor's business address.
7. **Final Contract Amount** - Enter the total final amount for the contract.
8. **Contract Item Number** - Enter contract item for work, services, or materials supplied provided.
9. **Description of Work, Services, or Materials Supplied** - Enter description of work, services, or materials provided. Indicate all work to be performed by DBEs including work performed by the prime contractor's own forces, if the prime is a DBE. If 100% of the item is not to be performed or furnished by the DBE, describe the exact portion to be performed or furnished by the DBE.
10. **Company Name and Business Address** - Enter the name, address, and phone number of all subcontracted contractors. Also, enter the prime contractor's name and phone number, if the prime is a DBE.
11. **DBE Certification Number** - Enter the DBE's Certification Identification Number. Leave blank if subcontractor is not a DBE.
12. **Contract Payments** - Enter the subcontracted dollar amount of the work performed or service provided. Include the prime contractor if the prime is a DBE. The Non-DBE column is used to enter the dollar value of work performed by firms that are not certified DBE or for work after a DBE becomes decertified.
13. **Date Work Completed** - Enter the date the subcontractor's item work was completed.
14. **Date of Final Payment** - Enter the date when the prime contractor/consultant made the final payment to the subcontractor for the portion of work listed as being completed.
15. **Original DBE Commitment Amount** - Enter the "Total Claimed DBE Participation Dollars" from Exhibits 15-G or 10-O2 for the contract.
16. **Total** - Enter the sum of the "Contract Payments" Non-DBE and DBE columns.
17. **Contractor Representative's Signature** - The person completing the form on behalf of the Contractor's firm must sign their name.
18. **Contractor Representative's Name** - Enter the name of the person preparing and signing the form.
19. **Phone** - Enter the area code and telephone number of the person signing the form.
20. **Date** - Enter the date the form is signed by the contractor's preparer.
21. **Agency Representative's Signature** - An Agency Representative must sign their name to certify that the contracting records and on-site performance of the DBE(s) has been monitored.
22. **Agency Representative's Name** - Enter the name of the Agency Representative signing the form.
23. **Phone** - Enter the area code and telephone number of the person signing the form.
24. **Date** - Enter the date the form is signed by the Agency Representative.

CONSTRUCTION/DEMOLITION WASTE RECYCLING PLAN (C/DWRP)

Project Title/Name:
Project Address/Location:
Project Start Date—Approximate:
Company/Contractor:
Project Manager:
Phone Number:
Cell Phone #

1. Fill in the table below, indicating whether materials will be diverted (salvage or recycled) or landfilled. Also indicate location where materials will be taken.

MATERIAL TYPE	To Be Salvaged or Reused	To Be Recycled	To Be Disposed/ Landfilled	Facility or Recycler (list name and location)
Scrap Metal				
Asphalt				
Concrete				
Brick/Block				
Drywall				
Greenwaste (brush, tree limbs)				
Clean wood/ lumber				
Fixtures (doors, windows, other building materials)				
Other				

2. Describe how materials will be sorted for recycling, reuse, or salvage at the job site.

SUMMARY WASTE DISPOSAL AND DIVERSION REPORT (SWDDR)

Project Name/Title:
Project Address/Location:
Project Beginning and Completion Dates:
Company/Contractor:
Project Manager:
Phone Number:
Cell Phone #

Directions: Fill in the tables below, listing the number of tons reused/salvaged or recycled. Also fill in the number of tons of mixed waste disposed in landfill. Attach copies of dump slips.

Table 1: Materials Diverted

MATERIAL TYPE	Tons Salvaged or Reused	Tons Recycled	Facility or Recycler Used (list name and location)
Scrap Metal			
Asphalt			
Concrete			
Brick/Block			
Drywall			
Greenwaste (brush, tree limbs)			
Clean wood/lumber			
Fixtures (doors, windows, other building materials)			
Other			
Other			
Total Tons			NA

See next page for additional table.

Table 2: Materials landfilled

Material	Tons Disposed	Landfill Site (List name and location)
Mixed waste		
Other		
Total		N/A

Attach weight slips showing disposal and diversion.

PUBLIC WORKS CONTRACT AWARD INFORMATION

Contract award information must be sent to your Apprenticeship Committee if you are approved to train. **If you are not approved to train, you must send the information (which may be this form) to ALL applicable Apprenticeship Committees in your craft or trade in the area of the site of the public work. Go to: <http://www.dir.ca.gov/databases/das/pwaddrstart.asp> for information about programs in your area and trade.** You may also consult your local Division of Apprenticeship Standards (DAS) office whose telephone number may be found in your local directory under California, State of, Industrial Relations, Division of Apprenticeship Standards.

Do not send this form to the Division of Apprenticeship Standards.

NAME OF YOUR COMPANY	CONTRACTOR'S STATE LICENSE NO
MAILING ADDRESS- NUMBER & STREET, CITY, ZIP CODE	AREA CODE & TELEPHONE NO.
NAME & ADDRESS OF PUBLIC WORKS PROJECT	DATE YOUR CONTRACT EXECUTED
	DATE OF EXPECTED OR ACTUAL START OF PROJECT
NAME & ADDRESS OF PUBLIC AGENCY AWARDING CONTRACT	ESTIMATED NUMBER OF JOURNEYMEN HOURS
	OCCUPATION OF APPRENTICE
THIS FORM IS BEING SENT TO: (NAME & ADDRESS OF APPRENTICESHIP PROGRAM(S))	ESTIMATED NUMBER OF APPRENTICE HOURS
	APPROXIMATE DATES TO BE EMPLOYED

This is not a request for dispatch of apprentices.

Contractors must make a separate request for actual dispatch, in accordance with Section 230.1(a) California Code of Regulations

Check One Of The Boxes Below

1. We are already approved to train apprentices by the _____
Apprenticeship Committee. We will employ and train under their Standards. Enter name of the Committee

2. We will comply with the standards of _____
Apprenticeship Committee for the duration of this job only. Enter name of the Committee

3. We will employ and train apprentices in accordance with the California Apprenticeship Council regulations, including § 230.1 (c) which requires that apprentices employed on public projects can only be assigned to perform work of the craft or trade to which the apprentice is registered and that the apprentices must at all times work with or under the direct supervision of journeyman/men.

Signature

Date

Typed Name

Title

**State of California - Department of Industrial Relations DIVISION
OF APPRENTICESHIP STANDARDS**

Explanation to box 1 - 3 on form DAS 140

- Box 1 is for contractors who are already approved to train by an apprenticeship program (signatory/member).
- Box 2 indicates that a contractor is willing to comply with a program's Standards for the current project only. This generally means that the fringe benefits and the training funds will be paid to that Committee's Trust Fund. It also allows a contractor to take advantage of a more generous maximum ratio than the CAC Standards, but does not affect the minimum ratio of 1 apprentice hour for every 5 journeyman hours.
- Box 3 means that a contractor will be governed by the regulations of the California Apprenticeship Council. Generally this means that the minimum and maximum ratio for apprentices is the same – 1 apprentice hour for every 5 journeyman hours per each craft, totaled at the end of the project. It also means the Training Fund Contribution is usually paid to the California Apprenticeship Council.



REQUEST FOR DISPATCH OF AN APPRENTICE – DAS 142 FORM

DO NOT SEND THIS FORM TO DAS

You may use this form to request dispatch of an apprentice from the Apprenticeship Committee in the craft or trade in the area of the public work. Go to: <http://www.dir.ca.gov/databases/das/pwaddrstart.asp> for information about programs in your area and trade. You may also consult your local Division Apprenticeship Standards (DAS) office whose telephone number may be found in your local directory under California, State of, Industrial Relations, Division of Apprenticeship Standards. **Except for projects with less than 40 hours of journeyman work, you must request and employ apprentices in no less than 8 hour increments.**

Date: _____	Contractor Requesting Dispatch:
To Applicable Apprenticeship Committee:	Name: _____
Name: _____	Address: _____
Address: _____	_____
_____	License No. _____
Tel. No. _____ Fax No. _____	Tel. No. _____ Fax No. _____

Project Information:

Contract No. _____

Name of the Project: _____

Address: _____

Dispatch Request Information:

Number of Apprentice(s) Needed: _____ **Craft or Trade:** _____

Date Apprentice(s) to Report: _____ **(72 hrs. notice required)** **Time to Report:** _____

Name of Person to Report to: _____

Address to Report to: _____

*You may use this form to make your written request for the dispatch of an apprentice. Requests for dispatch must be in writing and submitted at least 72 hours in advance (excluding weekends and holidays) via first class mail, fax or email. **Proof of submission may be required.** Please take note of California Code of Regulations, Title 8, § 230.1 (a) for all applicable requirements regarding apprenticeship requests and/or visit <https://www.dir.ca.gov/das/PublicWorksForms.htm>*

DAS 142 (Revised 12/11)

eCPR System - Online Form

eCPR Online Confirmation

Your payroll submission request has been processed.

Please review the results of your submission. Should you have any questions please contact the eCPR unit at publicworks@dir.ca.gov.

Contractor Name: TEST2
Contractor Address: 1515 CLAY ST OAKLAND CA 94612
Awarding Body: DIR EDI TEST
Project ID: 11051
Contract With: DIR TEST
Week Ending Date: 2016-06-26
Payroll Number: 1
Amendment Number: 0

1 employee payroll record(s) processed

Your Transaction ID is: 7

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[Submit another set of payroll records](#)