CITY OF SONORA, CALIFORNIA
PUBLIC WORKS DEPARTMENT

FY 25/26 PARKING LOTS IMPROVEMENT PROJECT

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LIST OF APPENDICES

APPENDIX A – CONSTRUCTION FUNDING SIGN

ORGANIZATION

Special provisions are under headings that correspond with the main-section headings of the 2025 Caltrans Standard Specifications. A main-section heading is a heading shown in the table of contents of the Standard Specifications.

Each special provision begins with a revision clause that describes or introduces a revision to the Standard Specifications as revised by any revised standard specification.

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.

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DIVISION I GENERAL PROVISIONS

1 GENERAL

Add to section 1-1.01:

The work embraced herein shall be done in accordance with the Standard Specifications of the Department of Transportation dated 2025, hereinafter referred to as the Standard Specifications, and the Standard Plans of the Department of Transportation dated 2025 supplemented by the Revised Standard Plans of the Department of Transportation as of 2025, hereinafter referred to as the Standard Plans, insofar as the same may apply and in accordance with the following Special Provisions.

The components of the Contract Documents are intended to supplement each other. In the event of a conflict in the Contract Documents, the following order of precedence will govern interpretation of the Contract:

1. Field instruction or other written directives
2. Addenda
3. Special Provisions
4. FY 25/26 Parking Lots Improvement Project Plans
5. Standard Specifications
6. Standard Plans

Add to section 1-1.07B:

A term not defined in the Contract Documents or Standard Specifications has the meaning defined in Means Illustrated Construction Dictionary, Condensed Version, Second Edition.

Approval of the Contract: Execution of the Contract by the City Council of the City of Sonora.

Caltrans/Department of Transportation: Department of Transportation as defined in the St & Hwy Code § 20 and authorized in St & Hwy Cod § 90; its authorized representatives.

City: The City of Sonora, a municipal corporation of the State of California.

CCTV: Closed-circuit television.

City Council: City Council of the City of Sonora, State of California.

Contract: Written and executed Contract as approved by the City Council between the City of Sonora and the Contractor.

Contract Documents: Plans, Notice to Bidders, Special Provisions, and Proposal and Agreement

Contractor: Person of business or its legal representative approved by the City Council and entering into a Contract with the City of Sonora for performance of the work.

Department: The City of Sonora except that any reference to the Department's forms, websites, manuals, guides, and test methods. These shall be defined as forms, websites, manuals, guides, and test methods of Caltrans.

Design Engineer: R.E.Y. Engineers, Inc. and their subconsulting engineers.

Director: The City Engineer for the City of Sonora.

TUD: Tuolumne Utilities District.

Engineer: The Resident Engineer of the City acting either directly or through properly authorized agents; such agents acting within the scope of the particular duties delegated to them.

Inspector or City Inspector: An authorized agent acting on behalf of the City Engineer and within the scope of the particular duties delegated to him/her.

Plans: The Plans are specific details and dimensions particular to the work and are supplemented by the Standard Plans insofar as they may apply. This term is used interchangeably for the FY25/26 Parking Lots Improvement Project plans.

Project Plans: The Project Plans are specific details and dimensions particular to the work and are supplemented by the Standard Plans insofar as they may apply. This term is used interchangeably for the FY 25/26 Parking Lots Improvement Project plans.

Special Provisions: The Special Provisions are specific clauses required by the City setting forth conditions of requirements peculiar to the work and supplementary to the Standard Specifications of the State of California.

Standard Plans: 2025 Standard Plans of the State of California, Department of Transportation and the current Revised Standard Plans as of 2025.

Standard Specifications: 2025 Standard Specifications of the State of California, Department of Transportation (Caltrans) and the current Revised Standard Specifications as of 2025.

State: The State of California, including its agencies, departments or divisions whose conduct or action is related to the work or when referenced in the Standard Specifications “State” shall mean the City of Sonora, including its authorized officers, agents, consultants, and volunteers.

Project: The work as contemplated in these documents and Project Plans.

Proposal: The un-approved offer as submitted to the City for contemplation for the completion of the Project.

USDOT: The United States of America Department of Transportation.

Add to section 1-1.09:

This project is located in a freeze-thaw area.

Add to section 1-1.11:

Websites, Addresses, and Telephone Numbers

Reference or Agency or Department Unit	Website	Address	Telephone no.
Tuolumne Utilities District	https://tudwater.com/	18885 Nugget Blvd. Sonora, CA	(209)532-5536
Sonora Police Department	https://sonorapdca.gov/	100 S Green St Sonora, CA	(209)532-8143
Sonora Fire Department	https://sonoraca.com/city-services/departments/fire-department/	201 S Shepherd St Sonora, CA	(209)532-7432
Tuolumne County Transit	https://www.tuolumnecountytransit.com/	---	(209)532-0404

Replace the paragraph in section 1-1.12 with:

Make checks and bonds payable to the City of Sonora.

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2 BIDDING

Replace the paragraphs in section 2-1.06A with:

Standard Specifications and Standard Plans may be viewed at the Caltrans Office Engineer Web Site and may be purchased at the Publication Distribution Unit.

The Notice to Bidders, Special Provisions, Proposal and Agreement, and any Project Plans may be viewed and obtained at the locations stated in the Notice to Bidders.

Replace the paragraphs in section 2-1.33A with:

Complete forms in Bid book. Submit forms with your bid.

Except where stated acceptable elsewhere, do not fax submittals.

Failure to submit the forms and information as specified may result in a non-responsive bid.

Add to section 2-1.33A:

On the Subcontractor List, you must submit each subcontractor's license number, each subcontracted bid item number and corresponding percentage with your bid or email these numbers and percentages to Carlye Buchholz, City of Public Works Department or email cbuchholz@reyengineers.com. Failure to do so results in a nonresponsive bid.

You must either submit with your bid the BIDDER'S LIST OF SELECTED SUBCONTRACTORS and BIDDER'S LIST OF NON-SELECTED SUBCONTRATORS or email to Carlye Buchholz, City of Sonora Public Works Department or email cbuchholz@reyengineers.com within 24 hours after bid opening. Failure to do so results in a nonresponsive bid.

Replace the last paragraph of section 2-1.34 with:

If using a bidder's bond, you must use the form in the Proposal section.

Replace the paragraph in section 2-1.47 with:

The Department may grant bid relief under Public Contracts Code § 5100 et seq. Submit any request for bid relief to Carlye Buchholz, City of Sonora Public Works Department or email cbuchholz@reyengineers.com. The Relief of Bid Request form is available at the Caltrans Web site.

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3 CONTRACT AWARD AND EXECUTION

Replace the paragraphs in section 3-1.04 with:

The Department reserves the right to reject any or all bids or any parts thereof and waive any irregularities or informalities in any bid or in the bidding to the extent permitted by law and to make awards in all or part of the best interest of the Department. No bidder may withdraw his/her bid for a period of sixty (60) days after the date set for the bid opening. Bid protests must be submitted in writing to the attention of the City Clerk before 4:00 pm of the 3rd calendar day following the bid opening.

If the Department awards the contract, the award is made to the lowest responsible bidder for the total of all the base bid items within 60 days after bid opening. The Department may extend the specified award period if the bidder agrees. The Department retains the right to remove any and/or all additive alternative to or from the plans as they see fit.

Barring some unforeseen irregularity, Notice of Award will be sent to the lowest responsive bidder after approval by the City Council.

3-1.04A Bid Protest Procedures

3-1.04A(1)General

These Bid Protest Procedures specify procedures for interested parties to protest the following:

1. A provision of the bid specifications,
2. A City of Sonora staff recommendation to the City Council to disqualify a bidder or subcontractor and/or,
3. A City of Sonora staff recommendation to the City Council to award a Contract to a particular bidder.

3-1.04A(2) Effect of Protest on Contract Award or Bid Opening

When a protest of the provisions of the bid specifications has been properly filed, pursuant to these procedures, before the opening of bids, the bids will not be opened prior to the City's final decision on the protest.

When a protest of recommendation of contract award or disqualification of a bidder has been properly filed, pursuant to these procedures, prior to the City Council award of the contract, the City Council will not award the Contract prior to issuance of a final decision on the protest.

3-1.04A(3) Release of Protest Information

Materials submitted as a part of the protest resolution process will be available to the public except to the extent that:

1. The withholding of information is permitted or required by law or regulation; and
2. The information is designated proprietary by the person submitting the information to the City of Sonora. If the person submitting material to the City of Sonora indicates that the material contains proprietary material that should be withheld, a statement advising of this fact must be affixed to the front page of the material submitted, and the alleged proprietary information must be specifically identified in the body of the materials wherever it appears. Notwithstanding such designation, if the City of Sonora determines, within its discretion, that it is legally obligated to release or disclosure such information, the City of Sonora will attempt to notify the person submitting the information prior to its disclosure in order to allow that person an opportunity to seek an appropriate protective order,

3-1.04A(4) Maintenance of Protest Records

The City Administrator or his/her designee will maintain a written record of each step taken in every bid protest. The record will list dates of each event and photocopies of all correspondence sent and/or received by the City of Sonora pertaining to the protest. These records will be retained for at least 3 years from the date each protest is resolved.

3-1.04A(5) Who May File a Protest

Protests may be filed only by interested parties. Interested parties are defined as actual or prospective bidders for a City of Sonora contract and subcontractors or suppliers at any tier whose direct economic interest would be affected by an award or failure to amend a Contract, a provision of the specifications, or a bid submitted to the City of Sonora by a prime Contractor, or by the interpretation of the provisions of such documents. Submission of a bid or sub-bid protest will be deemed a waiver of any protest to any provision of the specifications or issue which is not expressly listed as a part of the protest, and entitle the protesting party only to protest any subsequent recommendations/decisions of the City of Sonora staff, the City Administrator, or the City Council to disqualify the bidder, reject its bid, or award the Contract pursuant to the protest as submitted.

3-1.04A(6) Time For Filing a Protest

Protest to any particular provision of the bid specifications must be received by the City of Sonora City Clerk no later than five (5) business days prior to the date established in the Notice to Bidders as the deadline for the submittal of bids.

Protest of staff's recommendation to the City Council pertaining to the award of a Contract or disqualification of a bidder must be received by the City of Sonora City Clerk no later than five (5) business days from the date of the notice of the staff recommendation.

All protests must be actually received by the City Clerk by the close of business on the specified date and not simply postmarked by that date.

3-1.04A(7) Form For Filing a Protest

All protests shall be in writing and be submitted to the City Clerk, City of Sonora, 94 N. Washington Street, Sonora, CA 95370. The protest shall contain, at a minimum:

- The name, address, email and phone number of the protester, including name, the phone number and email of the designated representative.
- The signature of the protester, or representative
- The contract project number
- A detailed statement of the legal and/or factual grounds for the protest with supporting documentation; and
- The form of relief that is requested.

The City Manager or their designee will provide notice, by email or mail letter, to all bidders known to the City of Sonora for the Contract that is the subject of the protest. Such Notice will state that a protest has been filed with the City of Sonora and it will identify the name of the protester. The notice will be given not more than five (5) business days after receipt of a properly filed protest. The notice will state that interested parties will receive further information related to the protest only if they submit a written request to the Administrator within five (5) business days of the notice date.

The protest shall be accompanied by any processing fee that the City Council may establish for bid protests.

3-1.04A(8) The City of Sonora's Response to a Protest

All City of Sonora responses to a protest will be issued in writing. The City Administrator will designate a City staff person who, not more than ten (10) business days after receiving a properly filed protest, will prepare and mail the following information to the protester and all interested parties requesting such information:

1. A staff response to the protest including a discussion of the investigation conducted, findings, and rationale supporting the response; and
2. The proposed time, date and place of the meeting at which the protester and The City of Sonora staff will attempt to resolve the protest, if such a meeting is appropriate in the judgment of the City Administrator.

Within five (5) business days after the meeting, or if no meeting is scheduled, within five (5) calendar days after the date the City of Sonora's response was mailed, the protester must give the City Administrator written notice that the protest is withdrawn or, alternatively, that the protester requests further consideration of the protest by the City Council. The notice must be actually received by the City Administrator by the close of business on the specified date and not simply postmarked by that date.

If the protester fails to deliver such notice to the office of the City Administrator by the applicable deadline, the protest will be deemed withdrawn.

3-1.04A(9) Submittal of Protest to the City Council

If the protest is continued to the City Council for resolution, the protester, and all interested parties requesting such information, will be notified of the date, time and place of the City Council's hearing at which the protest will be considered; and the date that the protester and other interested parties must submit written comments with respect to the recommendation. The date established by the City Administrator, within his or her discretion, for submittal of comments by the protester and other persons will allow a reasonable period for rebuttal and may vary according to the complexity of the particular protest. In any event, the protester and other persons shall have at least five (5) business days to submit any written comments.

A copy of the agenda package sent to City Council members prior to a protest hearing will be sent to the protester and sent or made available to any interested person who requested such materials upon posting of the agenda and will include the City Council's recommendation and all written comments received from the protester and other persons within the submittal period. If the City Administrator has revised his/her

recommendation since its distribution, a written description of the new intended decision and the reason(s) for revision will be sent to the protestor and sent or otherwise made available to any interested person.

3-1.04A(10) City Council's Decision

At the City Council meeting scheduled for the protest hearing, the City Council, in its discretion, may conduct the hearing and/or continue the hearing to a subsequent City Council meeting, or refer the matter to an impartial hearing officer to conduct a hearing and prepare a written recommended decision including findings of fact. Applicable provisions of the City of Sonora City Code, Article I, chapter 4A, governing administrative hearings shall govern proceeding before the hearing officer.

At the City Council hearing, the Mayor may announce procedural rules, including those that are reasonably necessary to preclude repetitious or irrelevant testimony including reasonable time limitations. The City of Sonora staff, the protester, and any interested person may present evidence relating to the protest. If either party arranges for the use of a court reporter to transcribe the hearing, the other party shall upon request receive a copy of the transcript upon payment of reasonable copy costs.

If a hearing officer conducts the hearing, the City Administrator will provide written notice to the protester, and all interested parties requesting such information, of the date, time and place of the City Council meeting at which the hearing officer's recommendation will be considered for adoption, and the date that the protester must provide written comments for submittal to the City Council. A copy of the documents pertaining to the protest that is provided to the City Council with its meeting agenda will be sent to the protester and sent or made available to any interested person who requested such materials upon posting of the agenda.

In rendering its decision on the protest, the City Council, in its discretion, may adopt the decision recommended by the City Administrator, adopt the written recommendation and findings of fact prepared by a hearing officer, or adopt a separate decision. The protester and all interested parties will be notified in writing of the final decision of the City Council within 30 calendar days from the date of the City Council meeting.

The decision of the City Council shall be final and any subsequent judicial review shall occur pursuant to Code of Civil Procedure section 1094.6.

3-1.04A(11) Waiver of Damages

By submitting a bid, each bidder and sub-bidder agrees that in the event that it submits any protest to the terms of the specifications or to any subsequent decision of the City of Sonora staff, City Administrator or City Council, it waives damages as provided for herein. The City of Sonora retains the discretion to reject all bids or to make no decision whatsoever. If the City of Sonora City Administrator or City Council rejects all bids for any reason, or overrules any protest and awards the Contract, the protesting person or entity waives all claims, rights and causes of action for loss of anticipated profits from the Contract or any subcontract, regardless of whether the City of Sonora's decision is subsequently invalidated by a court of law. The City of Sonora will be deemed to have relied to its detriment on such waiver in deciding either to reject all bids or to award the Contract. Any attempted reservation of rights waived herein will be grounds to reject a bid as nonresponsive.

3-1.04A(12) Emergency Circumstances.

<u>The dates and deadlines set forth in these procedures are subject to modification upon determination by the City Administrator or City Council, within the exercise of their discretion, that emergency circumstances justify a modified response time. The City Manager shall provide written notice of any modification to the protesting party and any interested party requesting notice.</u>

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4 SCOPE OF WORK

Replace the paragraphs in section 4-1.13 with:

4-1.13 CLEANUP

4-1.13A General

Section 4-1.13 includes specifications for daily, weekly, and final cleanup.

The Contractor must locate and negotiate terms of use for their staging area.

If at any time the cleaning of the job site and/or staging area(s) is not performed to the satisfaction of the City and the Engineer, the Contractor will be notified and shall immediately return to the project site and perform satisfactory cleaning. If the Contractor is unable to perform cleaning activities in a timely matter as determined by the City, the cleaning may be performed for the Contractor at their expense.

4-1.13A(1) Daily Cleanup

At the end of each working day, return all materials and equipment to approved staging areas. All rubbish and debris shall be completely removed from the project site. If pedestrian and/or vehicular signage is required during non-working hours, signage shall be placed to the satisfaction of the City and Engineer.

If Contractor utilizes cold mix asphalt (CMA) for temporary ramping or paving, the Contractor is responsible for maintaining the cold mix during non-working hours. Cold mix shall be properly compacted by an approved compaction device. Equipment tires or vehicle tires shall not be used for compaction of CMA, unless otherwise approved by the engineer.

Contractor shall use vactor trucks or other approved equipment to prevent domestic water from entering the storm drain system.

The Contractor is responsible for maintaining vehicular and pedestrian traffic equal to or better than pre-construction conditions at all times. Repair and replace all striping affected by the day's work. Crosswalk and lane striping must be visible at all times.

All cleaning activities must be completed prior to opening of parking lot, sidewalk, lane and/or roadway. The Contractor shall schedule work and cleaning activities to ensure streets can be reopened within the timeframes specified in the Contract Documents.

4-1.13A(2) Weekly Cleanup

Contractor Shall perform Daily Cleanup per Section 4-1.13A(1).

At the end of each work week, remove all equipment and materials from daily staging area(s) and transport them to an approved staging area.

All staging areas shall be cleaned to the satisfaction of the City and Engineer.

4-1.13A(3) Final Cleanup

Contractor Shall perform Daily Cleanup per Section 4-1.13A(1) and Weekly Cleanup per Section 4-1.13A(2).

Before final inspection, leave the job site neat and presentable and dispose of:

1. Rubbish and debris
2. Excess materials
3. Falsework
4. Temporary structures
5. Equipment

Do not remove warning, regulatory, or guide signs until Contract acceptance unless otherwise directed by the Engineer.

4-1.13A(4) Payment

There is no specific bid item for Cleanup. Cleanup shall be considered included in the other various bid items and no additional payment will be made therefore.

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5 CONTROL OF WORK

Replace section 5-1.20D with:

5-1.20D Permits

1. The Contractor shall be responsible for the application process and fees associated with obtaining all permits required for the commencement and execution of the project, including but not limited to, work within any street right of way, storm water pollution prevention, discharge of construction water into the local drainage system, right-of-entry, excavation and trench safety. Any work performed within the City right-of-way will require encroachment permits. The Contractor shall obtain a no-fee encroachment permit from the City. Any work performed within Caltrans right-of-way will require an encroachment permit. The Contractor is responsible for any forms, submittals, and fees necessary to obtain encroachment permit.

2. The Contractor must obtain a water use permit for construction water from Tuolumne Utilities District. Water use and permit fees will be subject to the Tuolumne Utilities District Temporary Water Use Permit for Fixed Meters.

The payment for the cost for this permit and water usage shall be included with the various items of the proposal and no separate payment will be made.

Replace the paragraphs in section 5-1.23A with:

5-1.23A GENERAL

5-1.23A(1) Submittal Procedure

Section 5-1.23 includes specifications for action and informational submittals.

Any submittal not specified as an informational submittal is an action submittal.

Accompany each submittal with a Submittal form, which contains the following information:

1. Contractor's name and the name of Subcontractor or supplier who prepared the submittal.
2. The project name and identifying number.
3. Description of the submittal and reference to the Contract requirement or technical specification section and paragraph number being addressed.

Electronic submittals are preferred. Provide original hard copies to the Engineer upon request. If hard copies are submitted in lieu of an electronic submittal, submit the number and type of copies for each submittal and follow the procedures described below or in other paragraphs in this Section. Submit three copies of submittals not covered in this Section.

1. Designation of Superintendent: Submit three copies for information. Include name, address, home telephone number, and a brief resume.
2. List of Subcontractors and Major Suppliers: Submit three copies for information. Include address, telephone number, and name of responsible party.
3. Subcontractors'/Suppliers'/Manufacturers' Affidavits. Submit three copies for items specified in the Technical Specifications.

The City or Engineer rejects a submittal if it has any error or any omission.

Failure to provide submittals requested by the Engineer constitutes contract noncompliance on that item of work and may be deducted in accordance with Sections 5-1.30 and 9-1.16E.

Convert foreign language documents to English and U.S. customary units.

5-1.23A(2) Schedule of Submittals

Submit three (3) copies for information. No copy will be returned.

At the pre-construction meeting, submit a Schedule of Submittals showing the date by which each submittal required for Product Review or Product Information will be made. Identify the items that will be included in each submittal by listing the item or group of items and the Specification Section and paragraph number

under which they are specified. Indicate whether the submittal is required for Product Review of Proposed Equivalents, Shop Drawings, Product Data or Samples or required for Product Information only.

5-1.23A(3) Plan of Operations

Submit three (3) copies.

Before beginning on site work, submit a plan showing Contractor's intended use of the Work site, including on site storage of materials, on site handling of materials, and field offices.

5-1.23A(5) Shop Drawing, Product Data and Sample Submitted for Product Review

This paragraph covers submittal of Shop Drawings, Product Data and Samples required for the Engineer's review referred to as Product Review submittals for the Technical Specifications of the contract documents. Submittals required for information only are referred to as Product Information submittals in the Technical Specifications and are covered in section 5-1.23A(7).

Number and type of submittals:

1. Shop Drawings: Submit three (3) clear, sharp high contrast copies one of which will be marked, stamped and returned to the Contractor. The Contractor shall make and distribute the required number of additional copies to its superintendent, subcontractors and suppliers. Shop drawings must comply with section 5-1.23B(2).
2. Product Data: Submit three (3) clear copies. One copy will be marked, stamped and returned. The Contractor shall make and distribute the required number of additional copies to its superintendent, subcontractors and suppliers.

The Contractor shall make all Product Review submittals early enough to allow adequate time for the Engineer's review, for manufacture, and for delivery at the construction site without causing delay to the Work. Submittals shall be made early enough to allow for unforeseen delays such as:

1 Failure to obtain Favorable Review because of inadequate or incomplete submittal or because the item submitted does not meet the requirements of the Contract Documents.
2 Delays in manufacture.
3 Delays in delivery.

Content of Submittals:

1. Each submittal shall include all of the items and material required for a complete assembly, system or Specification Section.
2. Submittals shall contain all of the physical, technical and performance data required by the specifications or necessary to demonstrate conclusively that the items comply with the requirements of the Contract Documents.
3. Provide verification that the physical characteristics of items submitted, including size, configuration, clearances, mounting points, utility connection points and service access points, are suitable for the space provided and are compatible with other interrelated items that are existing or have or will be submitted.
4. Label each Product Data Submittal, Shop Drawing and Sample with the information required in paragraph 5-1.23A(1)1. of this Section. Highlight or mark every page of every copy of all
5. Product Data submittals to show the specific items being submitted and all options included or choices offered.
6. Additional requirements for Product Review submittals are contained in the Technical Specification sections.
7. Designation of work as "by others," shown on Shop Drawings, shall mean that the work will be the responsibility of the Contractor rather than the subcontractor or supplier who has prepared the Shop Drawings.

Requirements for Contractor Designed Items:

Verify that products delivered meet requirements of Contract Documents.

Compatibility of Equipment and Material:

1. Similar items, equipment, devices or products furnished under a single specification section shall all be made by the same maker and have interchangeable parts.
2. In addition, but only if so stated in each affected Specification Section, similar items furnished under two or more Specification Sections shall be made by the same maker and have interchangeable parts.
3. All similar materials or products that are interrelated or used together in an assembly shall be compatible with each other.

Requirements for the Contractor's review and stamping of submittals prepared by the Contractor or by Subcontractors or suppliers prior to submitting them to the Engineer. The Contractor warrants:

1. Work or items submitted are complete, accurate and meet the requirements of the Contract Documents, or else any deviations are identified and described in a separate letter accompanying the submittal form.
2. Work or items submitted have been coordinated with and meet the requirements of other submittals, field conditions and the Work as a while and quantities and dimensions are correct.
3. Proposed Equivalent items are at least equal in quality, utility and appearance to the first specified item, or else any deviations are identified in a separate letter accompanying the submittal form.
4. Adjustments to other work required to accommodate Proposed Equivalent items including second named items have been delineated on the submittal and will be made at the Contractor’s expense.
5. This submittal includes all items needed for a particular specification section or assembly for which submittals are required.

Submittals that contain deviations from the requirements of the Contract Documents shall be accompanied by a separate letter explaining the deviations. The Contractor's letter shall:

1. Cite the specific Contract requirement including the Specification Section and paragraph number for which approval of a deviation is sought.
2. Describe the proposed alternate material, item or construction and explain its advantages and/or disadvantages to the Owner.
3. State the reduction in Contract Price if any that is offered to the Owner.

Engineer's Review Procedure and Meaning:

The Engineer will stamp and mark each Product Review submittal prior to returning it to the Contractor. The stamp will indicate whether or not the review was favorable and what action is required of the Contractor. Review categories" Approved" and "Approved as Corrected" both indicate Favorable Review.

The Engineer's Favorable Review is contingent on the Contractor's warranties. Favorable Review is also contingent on:

1. The compatibility of items included in a submittal with other related or interdependent items included in previous or future submittals.
2. Future submittal of items related to or required to be part of this submittal that were not included with this submittal.

Favorable Review of a submittal does not constitute approval or deletion of items required as part of the submittal but not included with the submittal. Favorable Review of items included in the submittal does not constitute deletion of specified features, options or accessories that were not included in the submittal or that are included as part of the contract.

The action required by the Contractor for each category of review is as follows:

1. **APPROVED**. NO RESUBMITTAL REQUIRED.

2. **APPROVED AS CORRECTED**. The submittal is approved as corrected by the reviewer. The contractor is responsible for incorporating the reviewer's corrections. The corrected submittal complies with the Contract Documents.
3. **REVISE & RESUBMIT**. The Contractor shall revise and resubmit the submittal as noted or required to comply with the Contract Documents.
4. **REJECTED**. The item submitted does not comply with the Contract Documents in a major way. Resubmit items that comply with the requirements of the Contract Documents.

The letter of transmittal accompanying the returned Product Review submittal may contain numbered notes. Marking a corresponding number on a Shop Drawing or Product Data submittal shall have the same effect as applying the entire note to the submittal.

Re-submittals that contain changes that were not requested by the Engineer on the previous submittal shall be accompanied by a letter explaining the revised items.

Favorable Review required prior to proceeding. Proceeding without a Favorable Review will be considered unauthorized work per section 5-1.30.

Do not proceed with manufacture, fabrication, delivery or installation of items prior to obtaining the Engineers Favorable Review of Product Review submittals.

Any work performed by the Contractor in advance of an approved submittal for said work is done so at the Contractor's sole risk.

Intent and Limitation on Engineer's Review:

The Contractor has primary responsibility for submitting and providing work that complies with the requirements of the Contract Documents. That responsibility cannot be delegated in whole or in part to subcontractors or suppliers. Neither the Engineer's Favorable Review nor the Engineer's failure to notice or comment on deficiencies in the Contractor's submittals shall relieve the Contractor from the duty to provide work, which complies with the requirements of the Contract Documents.

5-1.23A(6) Proposed Equivalents

Submittal for Proposed Equivalent products or materials shall comply with the submittal requirements for Shop Drawings, Product Data, and Samples submitted for Product Review in this Section. Bidders wanting to use "or approved equal items" may submit a Substitution Request Form no later than five (5) days after the issuance of the Notice to Proceed.

Time of Submittal:

1. Submittal of Proposed Equivalents shall be received within five (5) days of the Notice to Proceed. The Engineer may agree to a later submittal date if requested in writing within five (5) days of the Notice to Proceed. The request shall identify the item, providing the Specification reference, and proposed manufacturer and model number of the item that will be submitted and the proposed submittal date.
2. The Engineer's agreement to a later submittal date shall be in writing and shall not be construed as Favorable Review or acceptance of the manufacturer or item proposed.

Content of submittals shall be the same as that required for Product Data, Shop Drawings and Samples submitted for Product Review in another paragraph of this Section. In addition, the Contractor shall provide information on several recent similar installations of the item to verify its suitability. The information shall include the project name and location, the Owner's name, address, telephone number and name of a knowledgeable person to contact for information on performance of the product.

When the Contractor has listed specific maker's products submitted with its Bid no changes will be permitted without submittal of acceptable evidence justifying the change and the Engineer's written approval.

If a non-equivalent substitute is submitted for review, it shall be accompanied by a proposed reduction in Contract Price which shall include the increased cost of Engineering service required to evaluate the proposed substitute (which shall be paid to the Owner whether or not the substitute is accepted) plus the greater of 1) the difference in price between the first specified item and the item submitted and 2) the difference in value to the Owner between the two items.

5-1.23A(7) Product Information Submittals

1. Submit three (3) copies. No copies will be returned.
2. Product Information submittals are required for the Owner's permanent records and will be used for future maintenance, repair, modification or replacement work. Product Information submittals will be examined only to verify that the required submittals have been made; they will NOT be reviewed for compliance with the Contract Documents.
3. Make Product Information submittals prior to delivering material, products or items for which Product Information submittals are required.
4. The Contractor has the sole and exclusive responsibility for furnishing products and work that meets the requirements of the Contract Documents.
5. The Engineer reserves the right to comment on any submittal and to reject any product or work delivered, installed or otherwise at any time that the Engineer become aware that it is defective or does not meet the requirements of the Contract Document.

5-1.23A(8) Manufacture Certificates

1. Submit three (3) copies.
2. When specified in Technical Specification section, submit manufacturers' certificate to Engineer for review. Indicate material or product conforms to or exceeds specified requirements. Submit supporting reference data, affidavits, and certifications as appropriate. Certificates may be recent or previous test results on material or Product but must be acceptable to the Engineer.

Replace Section 5-1.26 with:

5-1.26 CONSTRUCTION SURVEYS

5-1.26A General

The contractor must set construction stakes and markers to establish the lines and grades required for the completion of the work on the plans and as specified in the Standard Specifications and these Special Provisions and as necessary for the Engineer to check lines, grades, alignment and elevations.

All procedures, methods, and typical stake markings shall be in accordance with Chapter 12, Construction Surveys, of the Caltrans “Survey Manual.” Copies of the “Survey Manual” may be purchased from Caltrans Publications Unit, 1900 Royal Oaks Drive, Sacramento, and California 95815, (916) 445-3520.

Staking must be performed under the direction of a licensed surveyor or registered civil engineer with the authority to perform land surveying.

5-1.26B Grade Quality Control

Use a GNSS rover, robotic total station equipment, or a level to check the grades at the frequencies shown in the following table: **Grade Checking Requirements**

Type of work	Area or distance represented by the grade checking	Frequency (number of grade points)
Earthwork for cut and fill slopes ≤15 feet	200 feet	2
Earthwork for cut and fill slopes >15 feet	1,000 sq yd	1
Rough grading	1,000 sq yd	1
Trenching	100 feet	6
Subgrade	1 mi	30
Subbase layer	1 mi	50
Base layer	1 mi	100

Curb and gutter	100 feet	6
Concrete barrier	100 feet	5
Finishing roadway	1,000 sq yd	2

Increase the frequency of grade checking of a roadway:

1. Wherever its curve radius is 500 feet or less
2. In areas of a superelevation transition
3. At intersections

Notify the Engineer when an area is ready for line and grade inspection. Submit the grade checking results on a Grade Checking Report form as an informational submittal.

5-1.26C Payment

Construction surveys (contractor provided construction staking) shall be paid for under the Construction Staking bid item. Progress payments will be made based upon the percentage of work items requiring staking staked by that point. No additional compensation will be made for resetting stakes.

Replace the paragraphs in section 5-1.27E with:

Maintain separate records for change order work costs.

Submit change order bills to the Engineer.

Add to the end of section 5-1.32:

Personal vehicles of the Contractor’s employees must not be parked on the traveled way or shoulders, including sections closed to traffic.

Replace the paragraphs in section 5-1.46 with:

When you complete the work, request the Engineer’s final inspection. You will be notified, in writing, of any defects or deficiencies to be remedied. Correct all defects and deficiencies within 5 working days of notification and notify the Engineer all defects and deficiencies have been addressed. When notified that the work is complete, the Engineer will again inspect the work to ensure compliance with the Contract Documents.

If the Engineer determines that the work is complete, the Engineer recommends to the City Council that the Contract be accepted and the Notice of Completion be recorded to accept the Contract. Immediately after Contract acceptance, you are relieved from:

1. Maintenance and protection duties
2. Responsibility for injury to persons or property or damage to the work occurring after Contract acceptance expect as specified in section 6-3.06.

^^

6 CONTROL OF MATERIALS

Add to section 6-1.01:

No materials are allowed to be stockpiled in the State or City Right of Way unless a written request is made to Caltrans or the City in advance. The Contractor is responsible for maintaining and final cleaning after work and restoring the Right of Way to its original condition.

The Contractor shall provide a list of all hazardous materials and associated MSDS to be used within the City Right of Way to the City before materials are used.

^^

7 LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC

Replace the 11th paragraph of section 7-1.02K(3) with:

Submit certified payroll records to the Engineer and upload to the Department of Industrial Relations.

Add to section 7-1.02K(6)(a):

All Personnel shall wear hard hats and ANSI Class II or higher visibility garments as appropriate.

Add to section 7- 1.02K(6)(j)(ii):

The contractor will prepare a Lead Compliance Plan (consistent with CCR Title 8, §1532.1, "Lead in Construction" standard) to minimize worker exposure to lead-containing soil and residue resulting from paint removal work.

Payment for the Lead Compliance Plan shall be included in various items of work.

Add to section 7- 1.02K(6)(j)(iii):

The contractor will prepare a Lead Compliance Plan (consistent with CCR Title 8, §1532.1, "Lead in Construction" standard) to minimize worker exposure to lead-containing soil. The Lead Compliance Plan should include protocols for environmental and personnel monitoring, requirements for personal protective equipment, and other health and safety protocols and procedures for the handling of lead-containing soil.

Add to section 7-1.03:

Contractor shall notify the City, Sonora Fire Department, Sonora Police Department, Tuolumne County Transit, Sonora Union School District, and local US Post Office three (3) weeks prior to start of construction and two (2) weeks prior to any partial road closures. Notifications shall be by E-mail and copies of the notifications shall be provided to the City.

Each day, the Contractor is to leave the site in a condition that is acceptable as directed by the Engineer.

Add to section 7-1.04:

At all times, Contractor shall maintain pedestrian, local vehicular traffic, and emergency vehicle traffic and maintain all ADA paths of travel per ADA regulations for access to all residential and commercial property, unless written approval is otherwise obtained from the City allowing for reduced access.

Public traffic shall be allowed to pass through the work area at all times, unless a closure plan has been approved in writing by the City.

Two (2) weeks prior to beginning work, the Contractor must submit Sequencing, Parking Lot and Roadway Closure, and Pedestrian Circulation Plans to the City for approval.

Whenever feasible, the Contractor shall open full or portions of the parking lots, roadways, and sidewalks for public use during non-working hours.

Contractor shall allow for passage of emergency vehicles at all times.

See Section 12 for traffic control requirements.

Add to section 7-1.06F:

New certificates of insurance are subject to City approval.

^^

8 PROSECUTION AND PROGRESS

Add to section 8-1.02C(1):

Before or at the preconstruction conference, submit a CPM baseline schedule.

Replace the 1st paragraph of section 8-1.02C(6) with:

Submit an updated schedule at all weekly construction meetings that includes the status of work completed to date and the work yet to be performed as planned. Each updated schedule must comply with section 8-1.02B(3).

Replace the paragraphs in section 8-1.02D(10) with:

There is no specific bid item for project schedules and no additional payment will be made therefore.

Replace the 3rd sentence of the 1st paragraph of section 8-1.03 with:

You may not start work prior to the preconstruction conference.

Replace the 1st and 2nd paragraphs of section 8-1.04B with:

The contractor shall begin construction on the date specified on the Notice to Proceed (NTP), which is anticipated to be September 2026. All preconstruction submittals must be approved prior to starting job site activities. The Contractor is encouraged to submit preconstruction submittals prior to receiving the NTP to allow for proper review and approval of the submittals.

^^

9 PAYMENT

Delete section 9-1.11.

Add to section 9-1.16D(1):

Mobilization is part of the Mobilization/Demobilization bid item and includes, but is not limited to, preparing and maintaining a schedule per the Standard Specifications and these Special Provisions and construction and maintenance of staging area(s) and laydown yards(s). Demobilization is part of the Mobilization/Demobilization bid item and includes, but is not limited to, issuing a hard copy and/or digital set of as-built plans to the Engineer within 10 working days after substantial completion notification and restoring staging area(s) and laydown yard(s) to pre-construction conditions.

Add to section 9-1.16D(2):

Final compensation will be delayed until as-built plans are submitted and approved.

Add to section 9-1.16E(3):

The City returns performance-failure withholds in the progress payment following the correction of non-compliance.

Replace the paragraphs in section 9-1.16F with:

The City will withhold 5 percent of all progress payments as retention. Retention will be paid to the Contractor on Final Payment.

In accordance with Part 5 (§ 22300), Division 2 of the Public Contract Code, a Contractor may substitute securities for retention moneys withheld by a public agency to ensure performance under this Contract. At the request and expense of the Contractor, securities equivalent to the amount withheld shall be deposited with the City of Sonora, or with a state or federally chartered bank, as the escrow agent, who shall then pay such moneys to the Contractor, and upon satisfactory completion of the Contract, the securities shall be returned to the Contractor. No substations will be accepted until:

1. the City approves the securities and their value,
2. the parties have entered into an escrow agreement (if the securities are to be held in escrow) in a form substantially similar to that under § 22300,
3. all documentation necessary for assignment of the securities to the City or to the escrow agent are delivered in a form satisfactory to the City.

If the Contractor has substituted securities for any of the retention, the City may request that such securities be revalued from time to time, but not more often than monthly, at the expense of the Contractor. Such

revaluation will be made by a person or entity designated by the City and approved by the Contractor. If such a revaluation results in a determination that the securities have a market value less than the amount of retention for which they were substituted, then the amount of the retention required under the Contract will be increased by such difference in market value.

Such increased retention will be withheld from the next progress payment(s) due to the Contractor under the Contract.

The Contractor, or subcontractor, shall return all monies withheld in retention from a subcontractor within 30 days after receiving retention payment with Final Payment. Federal law (49CFR26.29) requires that any delay or postponement of payment over 30 days may take place only for good cause and with the City's prior written approval. Any violation of this provision shall subject the violating Contractor or subcontractor to the penalties, sanctions, and other remedies specified in Section 7108.5 of the Business and Professions Code. These requirements shall not be construed to limit or impair any contractual, administrative, or judicial, remedies otherwise available to the Contractor or subcontractor in the event of a dispute involving late payment or nonpayment by the Contractor, deficient subtract performance, or noncompliance by a subcontractor.

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DIVISION II GENERAL CONSTRUCTION

10 GENERAL

12 TEMPORARY TRAFFIC CONTROL

Add to the section 12-1.01:

Along with the project schedule, the Contractor shall submit a construction staging/sequencing plan for review and obtain approval by the Engineer prior to the start of construction.

The staging/sequencing plan must:

1. Take into account material ordering and lead times.
2. Break work impacting the flow of traffic and/or access to residents or businesses into stages.
3. Identify any impacted bicycle or pedestrian facilities/circulation.
4. Identify any impacted driveways, businesses, or residences.
5. Ensure a minimum of one driveway to each parking lot or parcel remains open at all times.
6. Ensure a minimum of one-half of a driveway remains open at all times where only one driveway to a business or residence exists, unless otherwise approved by the Engineer. Driveways shall be constructed such that driveway concrete has no joints. Temporary driveways may be required while planned driveways are being constructed and shall be provided at no additional cost.
7. Require notice to parcel owners, businesses, and residents ten (10) working days in advance of when vehicle access will be altered or utility outages are to take place. Notice to parcel owners must include details of work, start date, and duration of work to take place in front of their property. This notice may be in the form of door-hangers, flyers, or other format deemed acceptable by the Engineer.
8. Require any lane closures, if needed, to take place between the hours of 8:30 am – 3:00 pm.
9. Bradford Street may remain closed for an agreed upon duration of the project, but should be open when feasible.

The Contractor shall submit traffic control plans, including closure plans, for review and obtain approval prior to any construction activities requiring temporary traffic control. The Engineer shall review and approve all traffic control systems, including hardware and location/placement, prior to beginning construction activities each workday. Public traffic shall be allowed to pass through the work area at all times unless a full road closure plan has been previously approved.

With the exception of Bradford Street, full road closures will not be allowed for this project.

Half road closures, up to a maximum length of 1,000 feet measured parallel to the ground surface along the centerline of the road, are permitted for this project and must comply with Caltrans 2025 Standard Plan T13, unless otherwise approved by the Engineer. Only one (1) half road closure will be allowed at a time, unless otherwise approved by the Engineer. Allowances will be made for permanent striping and pavement marking activities which may require longer half road closures to improve efficiency and quality of final product. Half road closures must be approved a minimum of ten (10) working days in advance. Should the Contractor desire to leave the half road closure up outside of normal working hours, a temporary signal or full-time flaggers must be employed at all times. A half road closure at a single location must not extend longer than four (4) consecutive weeks, including no more than three (3) consecutive weekends.

Contractor shall provide and maintain traffic control devices, flaggers and all other necessary items per this section, the Caltrans Traffic Manual, and California MUTCD where applicable. The Contractor will be responsible for the maintenance of all traffic control items and equipment during and outside of working hours.

When practical, the full width of the roadway and parking lots must be open to pedestrian and vehicular traffic outside of working hours. When not practical, the Contractor must make every effort to open the maximum number of lanes and parking spaces possible. The full width of the roadway must be open for all planned City of Sonora Events and holidays. At the completion of each workday, all existing travel lanes of traffic shall be opened to traffic unless advanced approval is given to the Contractor by the City. Provisions must be made for the uninterrupted passage of emergency vehicles through the project limits at all times, regardless of the controlled traffic conditions existing at that time. Additionally, provisions shall be in place to allow residents to have safe access to their houses at all times.

The Contractor must provide a bicycle and pedestrian circulation plan along with the staging/sequencing plan and all traffic control plans as a submittal for approval by the Engineer. Pedestrians regularly use the existing roadway shoulders since there are no existing pedestrian facilities and they may continue to travel through this area during construction. The expectation is that the pre-construction bicycle and pedestrian circulation will be maintained during construction and any temporary facilities implemented by the contractor to accommodate the flow of bicyclists and pedestrians during construction will be equal to or better than the existing conditions.

Temporary pedestrian access routes per section 12-4 are only required where existing pedestrian facilities that meet those requirements are being affected by construction. Should the Engineer request a temporary access route per section 12-4 where none currently exists, that work is change order work and will be compensated per section 9.

Replace the paragraph in section 12-1.04 with:

There is no separate bid item for flagging, so that work shall be included within the Traffic Control System bid item and no additional compensation will be allowed therefore. The Contractor shall be responsible for the entire cost of flagging and is responsible for including that cost in the Traffic Control System bid item.

A minimum of 4 Portable Changeable Message Signs (PCMS) will be required for the duration of construction. There is no separate bid item for the PCMS. The work involved with PCMS shall be included within the Traffic Control System bid item and no additional compensation will be allowed therefore. The Contractor shall be responsible for the entire cost of PCMS and is responsible for including that cost in the Traffic Control System bid item. The cost to relocate the sign and/or change the message during construction shall be included in this bid item and no additional compensation will be allowed therefore.

The development of all staging/sequencing plans, traffic control plans, and bicycle and pedestrian handling plans shall be paid for under the Traffic Control System bid item and no additional compensation will be allowed therefore.

The Traffic Control System bid item includes all tools, equipment, materials, and labor necessary to implement the contractor developed and Engineer approved traffic control plan(s) and bicycle and pedestrian circulation plan(s), install and remove all temporary construction area signage, and install and remove up to two 48”x30” C50B (CA) signs. This includes, but is not limited to, all temporary and semi-permanent construction area signs, up to two 96”x60” C50B (CA) signs (see Appendix), temporary signals, flaggers, temporary signal control and maintenance, barricades, cones, and K-rail concrete barriers used in the

implementation of the traffic control plans and bicycle and pedestrian circulation plans and all other incidental work associated with the Traffic Control System.

Replace the paragraph in section 12-3.11B(5) with:

A 48"x30" C50B (CA) sign must comply with the details shown on the Caltrans Traffic Operations website and Appendix A of these Special Provisions. The City of Sonora agency logo shall be inserted into the middle of the space provided for the agency logos. The sign and post must comply with Section 82.

Replace the paragraph in section 12-3.11D with:

There is no separate bid item for construction area signs, including the C50B (CA) signs. Payment for all construction area signs shall be included in the Traffic Control System bid item and no additional compensation will be allowed therefore.

Add to section 12-4.02A(2):

Martin Luther King Jr. Day is a designated holiday that is observed on the 3rd Monday in January. The day after Thanksgiving is a designated holiday that is observed the day after Thanksgiving Day. Christmas Eve is a designated holiday that is observed on December 24th.

Replace "Reserved" in section 12-5 with:

12-5.01 GENERAL

Contractor shall notify the City, CalWaste Disposal, Sonora Fire Department, Sonora Police Department, Tuolumne County Transit Authority, the local US Post Office, and Sonora Union School District Transportation Division 48 hours prior to any lane closures, including partial road closures.

Replace "Reserved" in section 12-6.03D(1) with:

Temporary markers and/or markings shall be installed by the Contractor for any existing crosswalk line, limit line, arrow, and other legend or traffic lane line removed or damaged by the work activity prior to the end of the work shift and before opening the lanes for traffic.

Requirements for Placing Temporary Pavement Markings and Striping

Existing Striping	Temporary Striping
12-inch crosswalk line	3 – 4 inch white stripes appearing as 1– 12 inch stripe
8-inch solid line	1 – 4 inch white solid stripe
4-inch broken white	1 – 4 inch white stripe (typically 7' long, 17' gaps*)
4-inch broken yellow	1 – 4 inch yellow stripe (typically 7' long, 17' gaps*)
Double yellow	2 – 4 inch yellow solid stripes 3 inches apart

* Consult Chapter 3 of the California MUTCD for further details. The dimensions for broken lines apply for streets with posted speed limits of 35 MPH or less. For speed limits of 40 MPH or more, the dimensions are for 12' long stripes with 36' gaps.

For Temporary Marking and Temporary Striping materials, refer to the *"Temporary (Removable) Striping and Pavement Marking Tape (180 days or less)"* section of the Authorized Materials List for Signing and Delineation Materials from Caltrans.

Replace the 1st Paragraph of section 12-6.04 with:

There is no specific bid item for temporary traffic striping or pavement markings. The work shall be considered included in all other bid items and no additional compensation will be made therefore.

Replace Section 12-8 with:

12-8 CONSTRUCTION ZONE STANDARDS

12-8.01 GENERAL

12-8.01A Summary

Contractor is responsible for maintaining a safe work area during and after working hours.

12-8.02 Maintaining Traffic

12-8.02A Tow-Away Lanes

Contractor shall be responsible for keeping “Tow-Away No Stopping” traffic lanes clear during the effective hours posted.

12-8.02B Metal Plating

Any temporary metal plating and metal bridging shall be coated with a non-skid and rust inhibitive product. Examples of non-skid metal plating are surfaces with waffle or herringbone pattern undulations. Plating shall be installed with no edges or corners sticking up and with no bouncing or shifting. Plates shall be secured against shifting by tack welding, or fasteners. Any non-skid product shall have a friction factor of 0.35 or greater as measured by the California Test 342.

Plates shall be free of any openings greater than ¼ inch.

12-8.02C Transitioning (Ramping)

Whenever the grade difference between the existing pavement and the excavated area is greater than ¼ inch, Contractor shall provide longitudinal and transverse transitions prior to opening the lanes to traffic. The maximum slope on these transitions shall be 1:18. Transitions shall be installed with hot mix asphalt. This section applies to newly constructed roadway base, manholes, metal plating, bridging, trenching etc.

Cold mix asphalt may be used in lieu of hot mix asphalt for temporary ramping. The contractor is responsible for maintaining cold mix asphalt at all times and complying with ADA regulations if applicable. Cold mix shall comply with Sections 4-1.13 and 7-1.04.

12-8.03 Security and Contractor Property

The Contractor shall be responsible for the security of all Contractor property including, but not limited to, equipment, material that has not yet been installed, and tools. If the Contractor fails to properly lock, store, and secure equipment, tools, materials, etc., his property may be stolen. No additional payment shall be made for added security measures. No additional payment shall be made for equipment, tools, materials, or any other property of the Contractor that is lost or stolen.

^^

13 WATER POLLUTION CONTROL

Add to section 13-2.04:

All work associated with the Contractor developed Water Pollution Control Program, including Temporary Drainage Inlet Protection, shall be paid under Water Pollution Control bid item.

Add to section 13-6.04:

There is no separate bid item for temporary drainage inlet protection. Payment for all temporary drainage inlet protection be included in the Water Pollution Control Plan bid item and no additional compensation will be allowed therefore.

Delete first paragraph in section 13-7.03D

^^

15 EXISTING FACILITIES

Add to section 15-1.01:

The types, locations, sizes and/or depths of existing underground utilities as shown on the Contract Documents were obtained from sources of varying reliability. The Contractor is cautioned that only actual excavation will reveal the types, extent, sizes, locations and depths of such underground utilities. A reasonable effort has been made to locate and delineate all known underground utilities. However, the City can assume no responsibility for the completeness or accuracy of its delineation of such underground utilities nor for the existence of other buried objects or utilities which may be encountered but which are not shown on

these Plans. The majority of the utilities shown on the Plans were drafted per locations indicated on the respective purveyors' facility maps.

The Contractor shall contact the Underground Service Alert (U.S.A.) two working days in advance of performing any excavation work by calling the toll-free number 1-800-227-2600.

Locations of utility services and laterals are not always provided by utility companies and when shown are approximate (unless potholed). Nothing herein shall be deemed to require the City to indicate the presence of existing utility services, laterals, or appurtenances whenever their presence can be inferred from other visible facilities such as buildings, meters, junction boxes, valves, service facilities, identification markings and other indicators on or adjacent to the work. Potholing to locate services, laterals, and related appurtenances will be at the discretion of the Contractor and no separate bid item will be included for such pothole excavations.

Remove Wall – Partial shall remove a section of the CMU wall at an existing mortar joint where the wall will be at a minimum 42 inches from the finished surface. Once the CMU wall has been reduced to final height a mortar cap shall be placed over the top to cover any sharp edges. This includes the removal, off-haul, and disposal of the old CMU block.

Remove structure includes all work necessary to demolish, off-haul, and disposal all debris as shown on the improvement plans. Any utilities located in the building shall be removed as well at no additional compensation. This includes the demolition of the existing concrete, planter box, vegetation, abandonment of drain inlet, and other material that may be discovered.

Remove handrail shall include all work to remove the existing handrail along with any attachments on it and dispose of it at an approved location.

Existing concrete wheel stops shall be disposed of in a proper manner. This work shall be included in other various items of work and no additional compensation will be allowed.

Payment will not be made for potholes performed by the Contractor to "locate and protect" known utilities.

Replace section 15-1.03D with:

15-1.03D Adjust Frames, Covers, Grates, and Manholes

Adjust frames, covers, grates and manholes by lowering before removing the surface and surface preparation and raising after final paving or surfacing. Before opening a lane to traffic, either (1) complete permanent paving or surfacing or (2) temporarily fill any depressions with HMA or cold mix asphalt.

Where paving or surfacing work is shown, do not adjust to final grade until the adjacent pavement or surfacing is complete. For a structure that is to be raised, remove the cover or frame and trim the top of the structure to provide a suitable foundation for the new material. Instead of using new materials similar in character to those in the existing structure, you may use raising devices to adjust a manhole to grade. Before starting paving work, measure, fabricate, and install raising devices. Raising devices must:

1. Comply with the specifications for Section 75 except that galvanizing is not required
2. Have a shape and size that matches the existing frame
3. Be match marked by painting identification numbers on the device and corresponding structure
4. Result in an installation that is equal to or better than the existing one in stability, support, and nonrocking characteristics
5. Be fastened securely to the existing frame without projections above the surface of the road or into the clear opening

Manholes, valve boxes, monument boxes, etc., shall be brought to grade, as shown on the plans, after final pavement lift has been placed.

All existing manhole frames, lids or gates, valve boxes, monument boxes, and any other style of box or lid shall be reused, unless otherwise noted on the Project Plans. If any damages occur in the process of

adjusting iron to grade then at Contractor's expense must supply new manhole frames, lids or gates, valve boxes, monument boxes, and any other style of box or lid.

Concrete collars must comply with section 90 and the Project Plans.

Replace paragraph in 15-1.04 with:

There is no separate bid item for sawcutting, so the payment for sawcutting shall be considered included in the various bid items on the Bid Schedule and no additional compensation will be allowed therefore.

Utilities adjusted to grade shall be paid under the Adjust Utility to Grade bid items, delineated by utility type. The payment quantity for the Adjust Utility to Grade bid items is the number of utilities adjusted to grade determined by actual count.

Adjust Utility to Grade (Manhole) includes all work as shown on the improvement plans including all tools, equipment, labor, and materials needed to adjust utility to grade.

Adjust Utility to Grade (Utility Box) includes all work as shown on the improvement plans including all tools, equipment, labor, and materials needed to adjust utility to grade.

Adjust Fire Hydrant to Grade shall include all work necessary to raise the Fire Hydrant to be in compliance with Tuolumne Utilities District (TUD). Coordination with TUD is required to request water shut off. This work shall include the removal of fire hydrant to add a spool extension with necessary material to complete the project. In addition, this includes the removal and replacement of the bollards.

Additional payment will not be made for new iron or utility boxes installed as a result of contractor damage during initial removal.

No payment will be made for adjusting frames, covers, boxes, grates, or manholes not indicated for adjustment on the Project Plans.

Payment for Wall Removal – Partial shall be paid for on a square foot face basis. The mortar cap shall be included and paid for in the Wall Removal – Partial bid item.

Remove Handrail shall be paid for on a linear foot basis. It includes all work necessary to remove handrail from the project site.

Remove structure shall be paid for on a lump sum basis. It includes all work necessary to remove the building and all of its components from the project site, including but not limited to the structure, concrete pad, miscellaneous concrete, utility infrastructure, the adjacent planted box.

If adjusting frames, covers, boxes, grates, or manholes not indicated for adjustment on the Project Plans is required, then payment for adjusting these materials is included in the payment for the type of pavement or type of surfacing involved.

If adjusting frames, covers, boxes, grates, or manholes not indicated for adjustment on the Project Plans is required, and if pavement or surfacing is not involved, payment for adjusting these materials is included in the payment of various other bid items, and no additional payment will be made therefore.

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DIVISION III EARTHWORK AND LANDSCAPE

17 GENERAL

Add to section 17-1.04:

There is no specific pay item for grading. Payment for grading is included in the payment of various other bid items and no additional compensation will be made therefore.

Replace the paragraphs in section 17-2.03A with:

If it is necessary to remove existing vegetation it shall be included in various bid items of work.

^^

19 EARTHWORK

Add to section 19-1.01A:

Contractor is to conform to the grades as indicated on the Project Plans.

Add to section 19-1.04 with:

Add to section 19-2.01 with:

Material generated from roadway excavation may be used as fill for various bid items of work. Roadway excavation shall not be used to replace subbase material.

Replace section 19-2.03E with:

Only excavation tools and equipment will be permitted for roadway excavation. Other methods of excavation including blasting, chemical expanders, or hydraulic splitters will not be allowed.

Revise section 19-2.04 with:

Roadway Excavation shall be included in various bid items.

Add Section 19-7.02B Local Borrow with:

Native spoil generated from other construction activities shall be used as Local Borrow in future landscaping areas as shown on the improvement plans. Local Borrow shall be placed in at a depth of at least 6” or 2” below proposed curb height, whichever is greater.

It is the Contractor's responsibility to find a suitable site to stage Local Borrow until it is needed. Work includes all necessary hauling to and from the site.

Local Borrow shall be free of the following:

- Concrete
- Asphalt Concrete
- Residue from grooving and grinding operations
- Metal
- Rubber
- Mixed Debris
- Rubble
- Unsuitable material including organic material

Local Borrow shall be paid for on a square foot basis. This shall include all tools, labor, equipment, and materials necessary to transport and place Local Borrow.

20 LANDSCAPE

Add to section 20-1.01A:

Unless shown otherwise on the Project Plans, Contractor is to install landscaping that matches the adjacent, existing landscaping if the construction of the proposed sidewalk disturbs the existing landscaping. If plants are damaged beyond the direct footprint of the project, the Contractor shall replace the plants in-kind at the Contractor’s expense. Any existing irrigation system not indicated for relocation which is damaged during the installation of the landscaping or other improvements shall be replaced in-kind to the satisfaction of the Engineer at the Contractor’s expense.

The Planter Box, as shown on the Project Plans, shall be constructed out of nominal CMU block wall and shall be painted with an approved CMU block wall paint to match the existing wall. Paint samples shall be provided to the city for review at no additional compensation.

The Planter Box includes the construction of weepholes. ¾” Crushed Rock shall layer the bottom of the Planter Box area and extend 3” above the weepholes. Weed fabric shall be placed above the gravel layer.

Local Borrow will be placed after the layer of Crushed rock. See Local Borrow section for more information.

River Rock shall be placed in areas as shown in the Project Plans.

Add to section 20-1.01B:

River Rock shall be of size 3 inch to 8 inch. Color shall match nearby existing River Rock applications.

Add to section 20-1.01C:

Contractor shall submit a sample of River Rock prior to placement to receive approval from the city prior to placement.

Add to section 20-1.03A:

River Rock shall be placed in two layers.

Add to section 20-1.04:

The Planter Box bid item includes all tools, equipment, materials, and labor necessary to install the planter box improvements and incidentals shown on the Project Plans. This includes, but is not limited to, import/fill, , weed fabric, CMU block wall, paint, ¾" crushed rock and weep hole drain systems. This also includes, but is not limited to, removal of existing shrubs, plants, and small trees, and the protection in place of existing plants, as shown on the Project Plans.

River Rock shall be paid per square foot. River Rock includes all tools, equipment, materials, and labor necessary to install river rock in two layers.

Add to section 20-2.01B:

1" Irrigation Pipe shall be PVC schedule 40. Water material shall follow Tuolumne County Utilities District.

This work shall include all work necessary to expose the exiting water meter, connect to existing water meter, and place irrigation stub as shown in the improvement plan. 1" Irrigation Pipe shall be placed in one single pipe segment except for areas where there are fittings.

1" Irrigation Pipe shall be paid for on a per linear foot basis. It shall include all tools, labor, equipment, and material necessary to provide a 1" Irrigation Pipe to select future landscaping areas as shown on the improvement plans.

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DIVISION IV SUBBASES AND BASES

26 AGGREGATE BASES

Replace 2nd paragraph of section 26-1.02A with:

Unless otherwise noted on the plans or in these special provisions, aggregate used for Class 2 AB shall be ¾" and must comply with the ¾" maximum gradation in Section 26-1.02B.

Recycled AB and/or appropriately ground and blended material generated from Remove Base and Surfacing or 2" Cold Plane activities can be used in lieu of Class 2 AB under the minor concrete items, as approved by the Engineer.

Add to section 26-1.04:

Payment will not be made for any Class 2 AB outside of the limits determined by the Engineer. No additional payment will be made for Class 2 AB depths greater than what is indicated on the Project Plans unless otherwise directed or approved by the Engineer.

Class 2 AB placed under HMA for the construction of roadways shall be paid for under the Class 2 AB bid item. Scarification and recompaction of the subgrade material, where necessary, to place the Class 2 AB under the HMA shall be included in the Class 2 AB bid item. The payment quantity for the Class 2 AB bid item is the theoretical volume of Class 2 AB placed under the HMA measured in cubic yards. Class 2 AB

used for the construction of all other bid items is included in those bid items and no additional compensation shall be made therefore.

^^

DIVISION V SURFACINGS AND PAVEMENTS

39 ASPHALT CONCRETE

Delete items 2, 3, 4, and 5 in section 39-2.01A(1).

Add to section 39-2.01A(1):

Hot mix asphalt (HMA) for this Project will be Type A HMA.

Add to 1st paragraph of section 39-2.01C(4)(a):

If it is impractical or impossible for longitudinal joints to match the lane lines, then the Contractor shall limit the paving seams to the least amount practical.

Replace section 39-2.01D with:

39-2.01D Payment

HMA for the roadway and parking lots shall be paid for under the HMA bid item. The payment quantity for HMA shown on the Bid Item List is measured based on the combined mixture weight. If recorded batch weights are printed automatically, the bid item for HMA is measured by using the printed batch weights, provided:

1. Total aggregate and supplemental fine aggregate weight per batch is printed. If supplemental fine aggregate is weighed cumulatively with the aggregate, the total aggregate batch weight must include the supplemental fine aggregate weight.
2. Total virgin asphalt binder weight per batch is printed.
3. Each truckload's zero tolerance weight is printed before weighing the first batch and after weighing the last batch.
4. Time, date, mix number, load number and truck identification is correlated with a load slip.
5. Copy of the recorded batch weights is certified by a licensed weigh master and submitted.

Payment will not be made for any HMA outside of the limits determined by the Engineer. No additional payment will be made for HMA depths greater than what is indicated on the Project Plans unless otherwise directed or approved by the Engineer.

The Engineer does not adjust the unit price for an increase or decrease in the pre-paving quantity.

Payment will not be made for any HMA used as a temporary paving surface.

Replace section 39-2.02B(3) with:

Asphalt binder used in HMA must be PG 64-16.

Add to section 39-2.02B(4)(b):

Aggregate used in HMA must comply with the ½" HMA Type A gradation.

Follow section 39-2.02C placing type A HMA in multiple lifts

HMA used to in the lower lifts must comply with the ¾" HMA Type A gradation.

Aggregate used in final surface paving must comply with the ½" HMA Type A gradation.

Replace section 39-3.04B with:

Temporary tapers must be either HMA or CMA. No additional payment will be made for the placement of temporary tapers.

Replace section 39-3.04C(1) with:

Do not use a heating device to soften the pavement.

The cold planing machine must be:

1. Equipped with a cutter head width that matches the planing width unless a wider cutter head is authorized.
2. Equipped with automatic controls for the longitudinal grade and transverse slope of the cutter head and:
   2.1. If a ski device is used, it must be at least 30 feet long, rigid, and a 1-piece unit. The entire length must be used in activating the sensor.
   2.2. If referencing from existing pavement, the cold planing machine must be controlled by a self-contained grade reference system. The system must be used at or near the centerline of the roadway. On the adjacent pass with the cold planing machine, a joint-matching shoe may be used.
3. Equipped to effectively control dust generated by the planing operation
4. Operated such that no fumes or smoke is produced.

Replace broken, missing, or worn machine teeth.

If contractor does not complete placing the HMA surfacing before opening the area to traffic, contractor must:

1. Ensure the surface is safe for vehicular, bicycle, and pedestrian travel, as applicable.
2. Construct a temporary HMA or CMA taper to the level of the existing pavement.

Replace the 2nd paragraph of 39-3.04A with:

Cold plane asphalt concrete pavement includes the removal of pavement markers, traffic stripes, pavement markings, and any encountered paving fabric within the area of cold planing.

Add to section 39-3.04C(4):

Remove, transport, and appropriately dispose of cold planed material.

Replace the paragraph in section 39-3.04D with:

Payment for cold planing asphalt concrete as shown on the Project Plans will be paid for under the Cold Plane bid items and paid for on a square foot basis. The payment quantity for the Cold Plane bid items is the area measured parallel to the ground surface and width. No additional payment will be made for cold planing depths different from what are shown on the Project Plans or the discovery and/or removal of paving fabric. No additional payment shall be made for off-hauling or disposing of cold planed material.

Replace paragraph in section 39-3.05A with:

Section 39-3.05 includes specifications for removing subgrade, base, asphalt concrete and concrete surfacing including any other hardscape material, softscape, and/or existing paving fabric material as shown on the Project Plans.

Replace paragraph in section 39-3.05C with:

Where base and surfacing are described to be removed, remove subbase, base, surfacing, and softscape to the depth shown on the Project Plans. Backfill resulting holes and depressions with embankment material under Section 19 and recompact area. Up to 6 pre-construction potholes are required at the Stewart and Lyons Street parking lot to verify no brick is found within 18-inches of the original ground. Potholing shall be competed in the presence of the Engineer and no additional payment shall be made for performing these potholes.

Base and asphalt concrete material generated from Remove Base and Surfacing can be re-used in lieu of the Class 2 AB under the minor concrete items if material is ground and blended to the satisfaction of the Engineer. Material not re-used onsite shall be off hauled and disposed of in a safe and legal manner. Remove Base and Surfacing material can be used in places where fill is required per the grading plan but any areas where future landscaping will be placed shall be free of anything other than native soil.

Replace section 39-3.05D with:

The payment quantity for Remove Base and Surfacing is the volume as shown on the Project Plans in cubic yards. This shall include all work involved to remove base and surfacing including the transportation and hauling off and disposal at an approved site. This shall also include the work for pre-construction potholing, up to 6 locations, to determine depth of potential existing brick. Contact the Engineer immediately if brick is found to be within the roadway section (3" HMA / 8" AB).

The payment quantity for Remove Concrete (Curb and Gutter) is the area as shown on the Project Plans in square feet.

The payment quantity for Remove Concrete (Curb) is the length as shown on the Project Plans in linear feet and measured at the flowline.

No additional payment will be made for the discovery and removal of paving fabric within or below the existing asphalt. No additional payment will be made for backfilling resulting holes and depressions. No additional payment will be made for removal and disposal of street trees, vegetation, and existing detectable warning surfaces indicated for removal. No additional payment will be made for sawcutting of hardscape for the removal of base and surfacing. This work shall be considered in the Remove Base and Surfacing bid item and no additional compensation will be allowed therefore.

There is no separate bid item for re-using the ground material from Remove Base and Surfacing in lieu of the Class 2 AB under the minor concrete items. This work shall be considered included in the various other bid items and no additional compensation will be allowed therefore.

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71 EXISTING DRAINAGE FACILITIES

Add to section 71-1.03:

Existing drainage facilities not scheduled for removal shall be protected in place. Any damage done to existing drainage facilities not scheduled for removal due to the Contractor's operations shall be repaired to the satisfaction of the City Engineer at the Contractor's expense.

Adjust Drainage Inlet shall match the new flowline of curb and gutter. Adjust Drainage Inlet shall be adjusted to new flowline with the use of mortar and other construction approved methods.

Replace "Not Used" in section 71-1.04 with:

There is no separate bid item for the material used to backfill the trenches, holes, depressions, pits, etc. caused by removing, salvaging, reconstructing, abandoning, destroying, modifying, resetting, relocating, adjusting, relaying, remodeling, and rehabilitating existing drainage facilities and no additional compensation will be allowed therefore.

Adjust Drainage Inlet shall be paid for per each inlet adjusted. It shall include all work necessary to adjust the existing drainage inlet to the new flowline inside the curb and gutter.

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DIVISION VIII MISCELLANEOUS CONSTRUCTION

73 CONCRETE CURBS AND SIDEWALKS

Add to section 73-1.01:

Project is in a freeze thaw area and requires air entrained concrete.This section also includes Minor Concrete (Stairs). Minor Concrete (Stairs) shall include all work necessary to construct the stairs including but not limited to, excavation, compaction, base, concrete, knock-outs for handrail and all other work involved with construction Minor Concrete (Stairs).

Add to section 73-1.02A:

Recycled AB and/or appropriately ground and blended material generated from Remove Base and Surfacing and Cold Plane activities can be used in lieu of Class 2 AB under the minor concrete items, as approved by the Engineer.

Material generated from Remove Base and Surfacing and Cold Plane activities can be used in lieu of Class 2 AB under the minor concrete items as long as the material meets the grading requirements shown in the following table:

Sieve Size	Percent Passing
3”	100
3/4”	>45

Replace paragraph in section 73-1.02B with:

Detectable warning surface shall be Colonial Red, federal color no. 20109 or approved equal unless otherwise shown on the Project Plans.

If a utility box is located within detectable warning surface, detectable warning surface shall be neatly trimmed around utility box to allow access to utility. Contractor is responsible for maintaining ADA compliance.

Detectable warning surfaces shall be wet-set in concrete. Surface applied Detectable Warning Surfaces, such as those attached by adhesives, are not authorized.

Add to Section 73-1.03A:

Detectable Warning Surfaces shall be installed per the manufacturer’s specifications.

Replace paragraph in section 73-2.04 with:

Minor concrete for curbs shall be paid under the Minor Concrete (Curb), Minor Concrete (Curb) - A3-6 and Minor Concrete (Curb & Gutter) types shown on the Bid Item List. The payment quantity for minor concrete curbs shall be linear feet as measured along the curb face. Class 2 aggregate base (or approved recycled material) required for the construction of Minor Concrete types shown on the Bid Item List shall be included in the unit price for each type. Recompaction of the existing base and/or subbase material below the Class 2 aggregate base required for the construction of Minor Concrete types shown on the Bid Item List shall be included in the unit price for each type. The various Minor Concrete bid items shall include all tools, equipment, materials, and labor necessary to construct the Minor Concrete curbs including, but not limited to, concrete, reinforcing bars (if necessary), and all other incidental work for constructing the various Minor Concrete curbs.

Add to section 73-3.03:

All concrete used for curb ramps, driveways, sidewalks, and landings shall be broom finished.

All Minor Concrete items shall include Lamp Black color additives to closely match the color of existing concrete adjacent to the project sites.

Concrete used for Minor Concrete (Driveway) shall be 3,600 PSI with Solomon UltraFiber 500 or approved equal. Minor Concrete (Driveway) shall extend up to the top of adjacent curb ramps as shown on the Project Plans.

Replace paragraph in section 73-3.04 with:

Minor concrete for sidewalk, stairs, driveway, curb and gutter, and barrier curb shall be paid under the appropriate Minor Concrete types shown on the Bid Item List. The payment quantity for Minor Concrete (Sidewalk) and Minor Concrete (Driveway) bid items is the area of sidewalk or driveways installed measured parallel to the ground surface in square feet. Minor Concrete (Stairs) shall be paid for on a lump sum basis. Minor Concrete (Curb), (Curb & Gutter), and (Seat Wall) shall be paid for on a per linear foot basis. Minor Concrete (Sidewalk) shall be paid for on a square foot basis measured from the Face of Curb to Back of Walk. Class 2 aggregate base (or approved recycled material) required for the construction of Minor Concrete types shown on the Bid Item List shall be included in the unit price for each type. Recompaction of the existing base and/or subbase material below the Class 2 aggregate base required for the construction of Minor Concrete types shown on the Bid Item List shall be included in the unit price for each type. The various Minor Concrete bid items shall include all tools, equipment, materials, and labor necessary to construct the Minor Concrete sidewalk, driveway, curb, curb and gutter, seat wall, stairs and all other incidental work for constructing the minor concrete sidewalks, driveways, curb, curb and gutter, seat wall, and stairs.

The payment quantity for the Detectable Warning Surface bid item is the number of locations detectable warning surfaces are installed per the Project Plans. Each location is considered a measurement of one (1), independent of the number of panels required at that location.

Add Section 73-11 – Wheel Stop

Wheel Stops shall be made of concrete and be a minimum of 48 inches in length and 5 inches in height. They shall be reinforced with reinforcing steel and have two hole locations as shown on the improvement plans. Anchoring shall be included in the Wheel Stop bid item.

Anchoring shall extend a minimum of 3 inches from the final surface and the anchoring system shall be grouted in.

Wheel Stop shall be paid for on a per each basis. This shall include all work in placing the wheel stop per the improvement plans including the process of anchoring.

^^^

75 MISCELLANEOUS METAL

Replace section 75-1.01C with:

Contractor shall submit a shop drawing for Pedestrian Railing, Handrail, and Base Plates. Handrail shall be installed with the concrete stairs and ramp and shall be placed in the concrete as shown on the improvement plans..

Base plates shall be utilized where the Pedestrian Railing is connecting into existing concrete.

Replace section 75-1.02A with:

Pedestrian Railing and Handrail shall be black and coated with metal paint semi-gloss. Material shall be steel.

Replace section 75-1.03 with:

Pedestrian Railing shall have a minimum height of 42 inches. The gap between the ground surface shall be no greater than 4 inches. The gap between each bar shall be no greater than 4 inches. See improvement plans for more detail.

Handrail shall be between 34 inches to 38 inches in height. Diameter shall be 1.25” to 2”. Handrail shall be placed in the concrete. Railing shall extend a minimum of 12 inches from the top stair.

Handrail structural pipes shall conform to ASTM A53, Grade B. Steel shall be fabricated and erected in conformance with the latest AISC specifications and code of standard practice by a licensed fabricator.

Welding shall be done by certified welders.

All steel structural components shall be hot-dipped galvanized after fabrication.

All rails and any adjacent surfaces to it shall be free of any sharp or abrasive elements. Edges shall have a minimum radius of 1/8 inch.

90 degree bend radius to the center of pipe shall be within two to three times of nominal diameter of the pipe.

Replace section 75-1.04 with:

Pedestrian Railing shall be paid for on a per linear foot basis. There is no separate bid item for base plate and anchor bolts and they shall be included in the Pedestrian Railing bid item. Handrail shall be paid for on a per linear foot basis. This work includes all tools, equipment, materials, and labor necessary to install this work.

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DIVISION IX TRAFFIC CONTROL DEVICES

81 MISCELLANEOUS TRAFFIC CONTROL DEVICES

Replace section 81-1.04 with:

All miscellaneous traffic control devices shall be paid under the Traffic Control System bid item.

^^

82 SIGNS AND MARKERS

Replace the paragraphs in section 82-3.04 with:

Each Install Roadside Sign is one (1) measurement unit, regardless of the number of posts or sign panels involved. Installation of new roadside signs shall be paid for under the Install Roadside Sign bid item and includes the work necessary to furnish and install the new sign(s) and post(s).

Add to section 82-9.04:

Each Relocate Roadside Sign is one (1) measurement unit, regardless of the number of posts or sign panels involved. Sign relocations and signs to be removed and replaced in their original location shall be paid for under the Relocate Roadside Sign bid item. Any damaged signs or posts identified for relocation caused by the Contractor shall be replaced at the Contractor’s expense.

^^

84 MARKINGS

Add to section 84-2.02A:

Pavement Markings and Traffic Stripes shall be thermoplastic for locations outside of the parking lots, unless otherwise specified on the Project Plans. Areas within the parking lots shall be stripped and marked with paint per Section 84-2.02F.

Replace section 84-2.04 with:

The payment quantity for the Pavement Marking shall be paid for under the Pavement Marking – Thermoplastic and Pavement Marking – Paint bid items. The payment quantity for Pavement Marking is the

area in square feet of the pavement marking as shown on the Project Plans. Pavement markings to be removed as shown on the Project Plans shall be paid for under the Remove Pavement Markings bid item. The payment quantity for Remove Pavement Markings bid item is the area in square feet of the striping area removed measured parallel to the ground.

The payment quantity for the Traffic Stripe shall be paid for under the Traffic Stripe – Thermoplastic and Traffic Stripe – Paint bid items. The payment quantity for Traffic Stripe is the linear foot of the traffic stripe as shown on the Project Plans. Traffic Stripe to be removed as shown on the Project Plans shall be paid for under the Remove Traffic Stripe bid item. The payment quantity for Remove Traffic Stripe bid item is the area in linear feet of traffic stripe to be removed measured parallel to the ground. Removal of two centerline traffic stripe shall be counted as one measurement.

Add to section 84-9.03 with:

Areas where traffic stripes are to be removed will require the area to be fog sealed similarly to where remove pavement marking takes place.

Add to section 84-9.04 with:

Remove Pavement Marking shall be paid for on a square foot basis.

Remove Traffic Stripe shall be paid for on a linear foot basis.

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DIVISION X ELECTRICAL WORK

86 GENERAL

Add to section 86-1.01C(4):

Solar Lights shall be GBL style RS320 Brazo. The Contractor shall submit the Manufacturer Spec sheet to the City and it shall be approved by the city prior to the material being ordered. Solar Lights shall be installed per the Project Plans and Manufactures recommendations. Solar Lights shall have the following characteristics:

- Solar Array – 320W (11’4” in Length) with Adjustable Aluminum Array
- Lighting – 50W
- Battery – 24V – 75A Lithium Ion 1.8KWH (12+ Years Life Expectancy)
- Controller – Electronic MPPT Solar Charge Controller / Regulator
- Lighting Controls – Bluetooth Monitoring
- EPA (SQFT) 10.06
- Pole – 5” Diameter, Lenth 14 feet
- 30” Vintage Base
- Color - Black

Add to section 86-1.01D(1):

Solar Lights shall illuminate from Dusk to 3am. Solar light must be inspected and tested with a City Representative to acknowledge they are in working order per the manufacturer’s recommendations.

Concrete base shall be a minimum of 24 inches in diameter and four (4) feet deep with (4) #5 Rebar and (4) ¾” Galvanized Anchor Bolts 18” Long. Concrete shall be 4,000 PSI.

Add to section 86-1.04:

Solar Lights shall be paid for on an Each basis. This work includes all tools, equipment, materials, and labor necessary to install this work. In addition, the construction of the foundation, as shown on the Project Plans, shall also be included in this bid item.

DIVISION XI MATERIALS

90 CONCRETE

Add to section 90-1.01A:

All concrete shall be air-entrained as this project is located within a freeze-thaw area.

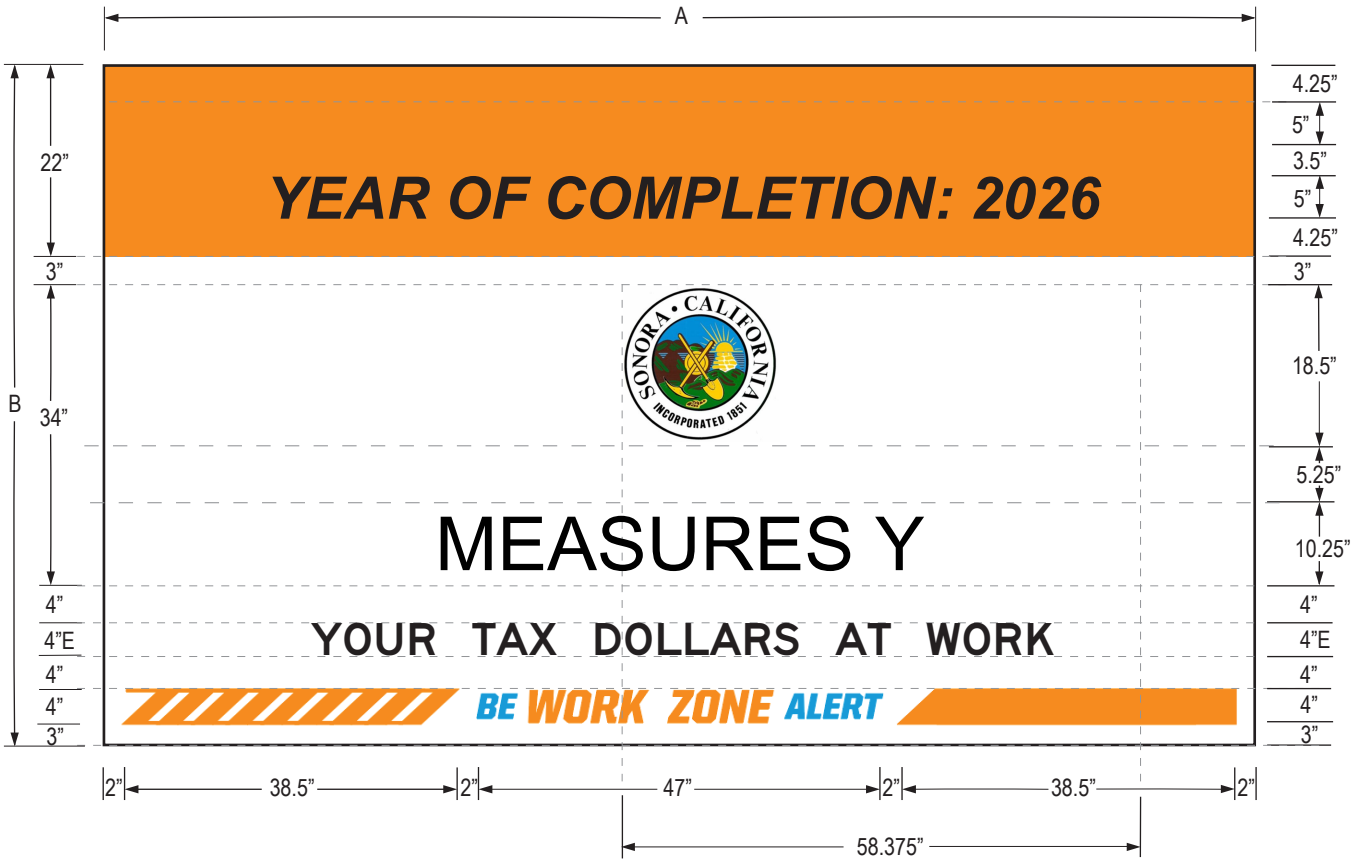
Replace "Reserved" in section 90-1.01C(1) with:

For each load of concrete delivered to the job site, the contractor shall submit quality control records from the concrete supplier identifying air content per California Test 504 or comparable ASTM test method. The concrete supplier shall have an authorized representative on-site during concrete pours to check and/or dose the concrete to ensure air content meets project specifications.

Replace the 4th sentence in the 1st paragraph of section 90-4.01C(3) with:

Allow 15 days for review.

APPENDIX A – CONSTRUCTION FUNDING SIGN



Modified C50B(CA)

NOTES:

1. Provided dimensions are for the 132"x78" sign panel.
   For the 96"x60" sign panel, multiply each horizontal dimension of the 132"x78" sign panel by approximately 0.728 and each vertical dimension by approximately 0.769. Adjust spacing as needed.
   For the 48"x30" sign panel, multiply each horizontal dimension of the 132"x78" sign panel by approximately 0.364 and each vertical dimension by approximately 0.385. Adjust spacing as needed.
2. See Special Provisions for project description and year of completion. Specify when ordering.
3. Local Agency logo(s) placement and spacing can be adjusted as needed.

ENGLISH UNITS (inches)

A	B
132	78
96	60
48	30

ALTERNATE PROJECT DESCRIPTION (LINE 1)

NEW PAVEMENT
NEW CARPOOL LANE
BRIDGE MAINTENANCE
BRIDGE RESTORATION
NEW BIKING/WALKING PATHS
BROADBAND INSTALLATION
IMPROVED DRAINAGE SYSTEM

COLORS:
LEGEND - BLACK (ARIAL BOLD ITALIC IN HEADER)
BACKGROUND - WHITE AND FLUORESCENT ORANGE
BE WORK ZONE ALERT RIBBON: PANTONE #299 BLUE AND ORANGE
ALL COLORS TO BE RETROREFLECTIVE, EXCEPT FOR BLACK