



PUBLIC WORKS DEPARTMENT

SPECIAL PROVISIONS

FOR CONSTRUCTION OF

**Sidewalk, Curb, and Gutter Repairs
Program FY 2021-22 SB1
Project No. WD22004**

**Mandatory Job Walk: N/A
Bid Opens: March 10, 2022, 2 p.m.**

CONTRACTOR MUST HAVE A CLASS "A" LICENSE

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**SPECIAL PROVISIONS FOR
SIDEWALK, CURB, AND GUTTER REPAIRS PROGRAM
FY 2021-22 SB1
PROJECT NO. WD22004**

SPECIAL NOTES

1. Official bid documents including plans and specifications are available online at: http://www.stocktongov.com/services/business/bidflash/pw.html?dept=Public_Works

All bids submitted for this project must conform to the requirements of the official bid documents, including specifications and plans.

SECTION 1 SPECIFICATIONS AND PLANS

1-1.01 Specifications

The work described herein shall be done in accordance with the current City of Stockton, Department of Public Works, Standard Specifications and the current Editions of the State of California, Department of Transportation Standard Specifications and Standard Plans and in accordance with the following Special Provisions. To the extent the California Department of Transportation Standard Specifications implement the STATE CONTRACT ACT they shall not be applicable since the City of Stockton is not subject to said ACT.

In case of conflict or discrepancy between any of the Contract Documents, the order of documents listed below shall be the order of precedence, with the first item listed having the highest precedence:

1. Contract, including Contract Change Order (Modifications or changes last in time are first in precedence)
2. Project Special Provisions
3. Project Plans
4. City Standard Specification
5. City Standard Drawings
6. Revised Caltrans Standard Specifications
7. Caltrans Standard Specifications
8. Revised Caltrans Standard Plans
9. Caltrans Standard Plans
10. Supplemental Project Information

With regards to discrepancies or conflicts between written dimensions given on drawings and the scaled measurements, the written dimensions shall govern.

With regards to discrepancies or conflicts between large-scale drawings and small-scale drawings, the larger scale shall govern.

With regards to discrepancies or conflicts between detailed drawings and referenced standard drawings or plans, the detailed drawings shall govern.

In the event where provisions of codes, safety orders, contract documents, referenced manufacturer's specifications or industry standards are in conflict, the more restrictive and higher quality shall govern. Should it appear that the work to be done or any of the matters relative thereto are not sufficiently detailed or explained in these specifications, the Special Provisions, or the plans, the Contractor shall apply to the Engineer in writing for such further explanations as may be necessary and shall conform to them as part of the contract. All responses from the Engineer shall also be in writing. In the event of any doubt or question arising respecting the true meaning of these specifications, the Special Provisions or the plans, reference shall be made to the Engineer, whose decision thereon shall be final.

1-1.02 Contractor's Responsibility

The Contractor shall examine carefully the site of the work and the plans and specifications therefore. The Contractor shall investigate to their satisfaction as to conditions to be encountered, the character, quality and quantity of surface, subsurface materials or obstacles to be encountered, the work to be performed, materials to be furnished, and as to the requirements of the bid, plans and specifications of the contract.

1-1.03 Terms and Definitions

Wherever in the Standard Specifications, Special Provisions, Notice to Contractors, Proposal, Contract, or other contract documents the following terms are used, the intent and meaning shall be interpreted as follows:

City or Owner -	City of Stockton
CA-MUTCD -	Latest edition of the California Manual on Uniform Traffic Control Devices and any amendments and revisions thereto
Director -	Director of Public Works, City of Stockton
Standard Specifications -	City of Stockton Latest Standard Plans and Specifications And any amendments and revisions thereto.
Caltrans Specifications -	Current and Latest State of California, Department of Transportation, and any amendments or revisions thereto.
Department -	Department of Public Works, City of Stockton
Engineer -	City Engineer, City of Stockton, acting either directly or through properly authorized Engineer, agents and consultants.
Working Day -	Defined as any eight (8) hour day, except as follows: Saturdays, Sundays, City-observed holidays, and other days the City is closed as shown on the City of Stockton Working Calendar, days on which the Contractor is prevented by inclement weather or conditions resulting immediately there from adverse to the current controlling operation or operations, as determined by the Engineer, from proceeding with at least 75 percent of the normal labor and equipment force engaged on that operation or operations for at least 60 percent of the total daily time being currently spent on the controlling operation or operations.

SECTION 2 PROPOSAL REQUIREMENTS AND CONDITIONS

2-1.01 General

The bidder's attention is directed to the "Notice to Bidder" for the date, time and location of the Pre-Bid meeting, if applicable. Refer to the City of Stockton's Bid Flash webpage:
<http://www.stocktongov.com/services/business/bidflash/default.html>

SECTION 3 AWARD AND EXECUTION OF CONTRACT

3-1.01 Addendum and Bid Inquiries

The addendum and bid inquiries will be posted on the City website. An email notification will be issued to all registered plan-holders. It is the contractor's/sub-contractor's sole responsibility to register as a plan holder. If a firm is not registered as a plan holder, they will not receive the notifications about addendum/bid inquiries/other information related to the project. To register as a plan holder, please send an email to Miguel Mendoza at Miguel.Mendoza@stocktonca.gov referencing the project name. Bid inquiries will not be accepted within 5 calendar days of bid opening date.

3-1.02 Contract Award

Each prospective bidder shall be required to bid on all items. Failure to bid an item shall be just cause for considering the bid as non-responsive. The City reserves the right to reject all bids. The bidders must be responsible and their bids must be responsive.

If the City awards the Contract, the basis of the award will be the responsible bidder with the **lowest bid** whose proposal complies with all requirements prescribed.

Pursuant to the implementation of the Community Workforce Training Agreement (CWTA) adopted by the City Council on July 26, 2016, the successful bidder shall be required to comply with the provisions of CWTA. For any project subject to this Agreement, the Local Hire, Priority Apprentice and Workforce Development Program requirements shall apply in lieu of the requirements of Stockton Municipal Code Section 3.68.095 and no separate compliance with Section 3.68.095 will be required of the Contractors/Employers working on the project.

The contract shall be executed by the successful bidder and shall be returned, along with the contract bonds, so that it is received by the City within ten (10) working days after the bidder has received the contract for execution. Failure to do so shall be just cause for forfeiture of the proposal guaranty. The executed contract documents shall be delivered to the following address:

Attention: Adriana Garibay
City of Stockton
Public Works Department
1465 S. Lincoln Street
Stockton, CA 95206

3-1.03 Bid Protest

All parties wishing to file a protest shall comply with the procedures set forth below:

All protests regarding the bidding process or award, or intended award, of any contract must be submitted in writing to the City Attorney on or before 5:00 p.m. of the fifth business day following the opening of all bids, unless a different time period is specified in the Notice Inviting Bids or other bid solicitation documents. All protests must be addressed to:

City Attorney
City of Stockton
425 North El Dorado Street, 2nd Floor
Stockton, CA 95202

The party filing the protest must have submitted a bid for the work. A subcontractor of a bidder may not submit a bid protest.

The protest shall contain a complete statement specifying in detail the grounds of the protest and the facts in support thereof. The protest must be hand delivered or send via mail so that the City Attorney receives it within the time period set forth above. The protest documents must include the following:

- A complete statement of the factual and legal basis for the protest;
- The protest must include the name, address and telephone number of the person representing the protesting party; and
- The protesting party must concurrently transmit a copy of the written protest document and any attached documentation to all other bidders who may have a reasonable prospect of receiving the award depending on the outcome of the protest.

The procedure and time limits set forth herein are mandatory and the bidder's sole and exclusive remedy in the event of a protest. No bidder may bring an action or proceeding challenging the bidding process or any award, or intent to award, any contract unless the above procedures are followed. The failure of a party originating a protest to comply with these procedures shall constitute a waiver of any right to further pursue the protest, including filing a government code claim or legal proceeding. The City reserves the right to modify the bid protest procedures in the Notice Inviting Bids or other bid solicitation documents and to require any protesting party to submit additional or clarifying information or documentation in support of any protest.

3-1.04 Contract Execution

The bidder's attention is directed to the provisions in Section 3, "Contract Award and Execution," of the Caltrans Specifications and these Special Provisions for the requirements and conditions concerning award and execution of the contract. Bid protests are to be delivered to the address noted above.

SECTION 4 BEGINNING OF WORK, TIME OF COMPLETION AND LIQUIDATED DAMAGES

4-1.01 Beginning of Work

The Contractor shall perform and complete the proposed work in a thorough and workmanlike manner, and to furnish and provide in connection therewith all necessary labor, tools, implements, equipment materials and supplies.

Attention is directed to the provisions in Section 8-1.04B, "Standard Start," of the Caltrans Standard Specifications and these Special Provisions.

At no time shall construction begin without receiving notice that the contract has been approved by the City Attorney or an authorized representative. The Contractor shall follow the sequence of construction and progress of work as specified in Section 9-1.02, "Contractor Work Procedure," and Section 9-1.03 "Prosecution and Progress" of these Special Provisions.

The Contractor shall diligently prosecute all work items to completion.

4-1.02 Time of Completion

Attention is directed to the provisions in Section 8-1.05, "Time" of the Caltrans Standard Specifications and these Special Provisions.

The contract for the performance of the work and the furnishing of materials shall commence within ten (10) calendar days from the Notice to Proceed date and shall be diligently prosecuted to completion before the expiration of the working days specified in this section from the date of said commencement.

The Contractor shall diligently prosecute the contract work to completion within ninety (90) working days. The days to finish the punch list, provided by the City, are included in the Working Days.

Should the Contractor choose to work on a Saturday, Sunday, City Holidays or on a holiday recognized by the labor unions, the Contractor shall reimburse the City of Stockton the actual cost of engineering, inspection, testing, superintendent, and/or other overhead expenses which are directly chargeable to the contract. Should such work be undertaken at the request of the City, reimbursement will not be required.

The areas designated shall be repaired with the least amount of damage to the adjacent property. Contractor shall be responsible for the repair of adjacent property damaged by the contractor to the satisfaction of the City at no additional cost to the City.

Unless otherwise approved by the City, the installation of new sidewalk, curb, and gutter including, but not limited to, AC paving and clean up, shall be completed within five (5) working days at each location. At no time shall a work area be left opened and not completed over a weekend.

4-1.03 Liquidated Damages

Attention is directed to the provisions in Section 8-1.10, "Liquidated Damages," of the Caltrans Specifications and these Special Provisions.

The Contractor shall pay liquidated damages to the City of Stockton in the amount of **\$2,200** (Two Thousand Two Hundred Dollars) per day for each and every calendar day that the work remains incomplete after expiration of the contract working days specified in these Special Provisions. Liquidated damages assessment applies to base bid and bid alternate if awarded.

In addition, the Contractor shall pay the following sums for the associated liquidated damages:

Failure to provide and/or non-compliance to or violation of accepted construction scheduling and/or phasing, per Section 5-1.08 and 5- 1.12	\$250.00	per each calendar day
Failure to provide and/or non-compliance with accepted Traffic Control Plans per Section 5-1.08	\$250.00	per each calendar day
Failure to provide adequate Project Site Maintenance 24/7, per Sections 5-1.08, and 5-1.17	\$250.00	per each calendar day
Failure to provide appropriate driveway access and pedestrian access, per Section 5-1.09, and 5-1.10	\$250.00	per each half-hour delay
Failure to follow proper procedure for storage of equipment and/or materials in public streets, per Section 5-1.26	\$250.00	per each calendar day/incident
Failure to provide adequate advance notices to RTD, Fire Comm, Police, Schools for sidewalks and lane closures	\$500.00	per each day/incident

4-1.04 CITY OF STOCKTON HOLIDAY SCHEDULE FOR 2022

- Thursday, December 30, 2021.....New Year's Day Observance
- Monday, January 18, 2022.....Martin Luther King, Jr.'s Birthday
- Monday, February 14, 2022.....Lincoln's Birthday Observance
- Monday, February 21, 2022.....Washington's Birthday
- Monday, May 30, 2022.....Memorial Day
- Monday, July 04, 2022.....Independence Day Observance
- Monday, September 05, 2022.....Labor Day
- Monday, October 10, 2022.....Columbus Day
- Friday, November 11, 2022Veteran's Day Observance
- Thursday and Friday, November 24 and 25, 2022.....Thanksgiving Holidays
- Monday, December 26, 2022.....Christmas Day Observance

Similar holidays are scheduled in year 2023.

Full compensation for any costs required to comply with the provisions in this section shall be considered to be included in the prices paid for the various contract items of work and no additional compensation will be allowed, therefore.

SECTION 5 GENERAL

5-1.01 Understanding of Conditions

Bidders will be required to carefully examine these Special Provisions and attachments to judge for themselves as to the nature of the work to be done and the general conditions relative thereto and the submission of a proposal hereunder shall be considered prima-facie evidence that the bidder has made the necessary investigation and is satisfied with respect to the conditions to be encountered, the character, quantity and quality of the work performed.

Bidders must be thoroughly competent and capable of satisfactorily performing the work covered by the proposal, and when requested, shall furnish such statements relative to previous experience on similar work, the plan or procedure proposed, and the organization and the equipment available for the contemplated work, and any other as may be deemed necessary by the Project Engineer in determining such competence and capability.

It shall be understood that the Contractor shall be required to perform and complete the proposed work in a thorough, workmanlike and professional manner, and to furnish and provide in connection therewith all necessary labor, tools, equipment, materials and supplies. The Contractor is responsible to take all necessary precautions and use best practices in the industry to perform all work require completing the project.

5-1.02 Location

See attached list of locations, which include length, width, area, estimated quantities, utilities, and other details.

5-1.03 Partial Payment

The five percent (5%) retention withheld of all construction payments will remain with the City until thirty-five (35) calendar days after the date the Notice of Completion is recorded.

5-1.04 Guaranty/Warranty

The work furnished under these specifications shall be guaranteed for a period of one (1) year from date of acceptance by the Engineer thereof against defective materials, equipment and workmanship. Upon receipt of notice from the City of failure of any part of the materials, equipment, or workmanship during the guaranty period, the affected part or parts shall be replaced with new material and/or equipment, and at the expense of the Contractor within two weeks of the Engineer's notification date.

5-1.05 Construction Control

The City reserves the right to order discontinuance of any equipment in use. This will be determined at the discretion of the Engineer on the basis that the use of said equipment would prohibit obtaining the best possible result.

Additional operated equipment may be requested by the Engineer for the above reasons. Failure to comply with the Engineer's request concerning equipment use or removal will be deemed sufficient cause for shutting down all work until the requirements are met. Days lost for this type of shutdown will be charged as workable days.

5-1.06 Inspection

All work under this contract shall be under the control and inspection of the Engineer or his/her appointed representative. The Contractor shall be responsible for notifying the Engineer forty-eight (48) hours in advance of all stages of construction to arrange for inspection. The Contractor/sub-contractor shall report to the Engineer before starting the work on each working day.

5-1.07 Environmental Protection

The Contractor shall be responsible for all applicable permits, licenses and fees required for the construction and completion of the project.

Any Contractor or person engaged in activities that will or may result in pollutants entering the City storm drainage system shall undertake all practicable measures to reduce the introduction of such pollutants. The Contractor shall be fully responsible for removing the materials out of the storm system irrespective of its condition before the construction work.

The Contractor shall follow Caltrans' best management practices regarding environmental protection and comply with all City regulations, ordinances, and City Storm Water Quality Control Criteria Plan. It is available for download at:

<http://www.stocktongov.com/government/departments/municipalUtilities/utilStorm.html>

The Contractor shall winterize the project and apply the proper protected measures at all existing drain inlets within the project boundary and maintain them through the winter season.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals for doing all work involved in environmental protection shall be included in the various bid items and no additional compensation will be made therefore.

5-1.08 Maintaining Public Convenience and Safety

Attention is directed to Section 7-1.03, "Public Convenience," Section 7-1.04, "Public Safety," and 12, "Temporary Traffic Control," of the Caltrans Standard Specifications and these Special Provisions. Adequate ingress and egress shall be maintained through the site for residents, police, fire, and other emergency vehicles. The Contractor shall provide the City with an Emergency Contacts List which includes the name and telephone number (business, home, and mobile) of three (3) representatives available at all times for the duration of the contract.

All traffic plans shall conform to the applicable provisions of the latest and amended "California Manual on Uniform Traffic Control Devices." The Contractor shall submit a construction area traffic control/detour plan for approval by the Engineer before the commencement of any work. Traffic control/detour plan shall show the placement of signs, barricades, delineators, and other traffic control devices required by Contractor's operation. Contractor shall submit the various scenarios for lane closures from the latest and amended MUTCD that are applicable to this project. Traffic Control plans shall be designed and stamped by a licensed Traffic or Civil Engineer and submitted to the Engineer for review and approval.

The Contractor shall furnish, install, and maintain in good working order all cones, delineators, barricades, arrow boards, direction signs, and flashers until project completion. All safety devices, their maintenance, and use shall conform to the latest requirements of OSHA. It shall be the complete responsibility of the Contractor to protect persons from injury and to avoid property damage. Whenever required, flagmen shall be provided to control traffic. The Contractor shall provide for the proper routing of vehicles and pedestrian traffic in a manner that will hold congestion and delay of such traffic to a practicable minimum by furnishing, installing, and maintaining all necessary temporary signs, barricades and other devices and facilities as approved by the Engineer. As the work progresses, the Contractor shall relocate such devices and facilities as necessary to maintain proper routing. Unless otherwise specified, upon conclusion of the need therefore, all temporary traffic routing devices and facilities shall be removed from the site of the work by the Contractor within 48 hours of completion of construction at that site.

The Contractor is allowed only one (1) lane-closure in each direction during daytime. Each traffic lane shall not be less than twelve (12) feet wide, unless approved by the Engineer in writing. Any deviations from the approved traffic control plan, however minute, must be notified to and approved by the Engineer.

Normal working hours and lane closures for all items of work are allowed only during **8:30 AM to 4:30 PM**. The Engineer may restrict or alter the hours of work on a particular street due to traffic or other considerations. The placement of hot-mix asphalt (for the trench next to gutter pan), regardless of working hours, shall be

allowed only when the ambient temperature is above fifty (50) degrees Fahrenheit and rising, and no rain is in the forecast for next 24 hours. The Engineer's approval is required in any condition.

The Contractor shall remove traffic signs and poles when necessary to complete the work as specified. Care shall be exercised to prevent any damage to these items. These signs shall be delivered to the City Corporation Yard at 1465 South Lincoln Street. The Contractor shall provide and maintain temporary stop signs at all locations where permanent stop signs need to be removed. Upon the completion of construction, the City will install removed traffic signs. Contractor shall not remove any temporary traffic control devices (including signs) until permanent traffic control devices are installed by the City.

The unit bid price for various bid items, whether used partially, completely or not, includes full compensation for furnishing all labor, materials, tools, equipment, incidentals, overhead and mark-up, and for doing all the work involved in placing, removing, storing, maintaining, moving to new locations, replacing, and disposing of the components of traffic control as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.

Full compensation for furnishing, placing, maintaining, and removing temporary traffic striping shall be considered as included in the price paid for "Traffic Control" and no separate payment will be made.

Nothing in these Special Provisions shall be construed as relieving the Contractor from his responsibility as provided in this section.

5-1.09 Preservation and Perpetuation of Existing Survey Monuments

Action by:	Action:
<i>Contractor's Land Surveyor</i>	<ol style="list-style-type: none"> 1. Identifies existing survey monuments. 2. Lists all existing survey monuments. 3. Ties out/performs construction staking of survey monuments. 4. Indicates survey monuments on construction plans. 5. Files all pre-construction Corner Records or Records of Survey with San Joaquin County. The Corner Records or Record of Survey will show monuments within the area of construction reasonably subject to removal or disturbance not shown on a recent record document (i.e. a filed survey map or corner record document completed with acceptable modern survey methods that includes survey ties from monuments within the construction area to monuments outside of the construction area). 6. Submits copies of pre-construction Corner Records or Records of Survey filed with San Joaquin County to City Engineer/Project Manager.
<i>Contractor</i>	<ol style="list-style-type: none"> 7. Preserves/perpetuates all survey monumentation during construction, including, but not limited to, those listed. 8. Restores survey monuments disturbed by construction.
<i>Contractor's Land Surveyor</i>	<ol style="list-style-type: none"> 9. Files all post-construction Corner Records and Records of Survey with San Joaquin County. 10. Submits copies of Corner Records or Records of Survey filed with San Joaquin County to City Engineer/Project Manager.

Monuments set shall be sufficient in number and durability and efficiently placed so as not to be readily disturbed, to assure, together with monuments already existing, the perpetuation or facile reestablishment of any point or line of the survey.

When monuments exist that control the location of subdivisions, tracts, boundaries, roads, streets, or highways, or provide horizontal or vertical survey control, the monuments shall be located and referenced by or under the direction of a licensed land surveyor or registered civil engineer prior to the time when any streets, highways, other rights-of-way, or easements are improved, constructed, reconstructed, maintained, resurfaced, or relocated, and a corner record or record of survey of the references shall be filed with the

county surveyor. They shall be reset in the surface of the new construction, a suitable monument box placed thereon, or permanent witness monuments set to perpetuate their location if any monument could be destroyed, damaged, covered, or otherwise obliterated, and a corner record or record of survey filed with the county surveyor prior to the recording of a certificate of completion for the project. Sufficient controlling monuments shall be retained or replaced in their original positions to enable property, right-of-way and easement lines, property corners, and subdivision and tract boundaries to be reestablished without devious surveys necessarily originating on monuments differing from those that currently control the area. It shall be the responsibility of the governmental agency or others performing construction work to provide for the monumentation required by this section. It shall be the duty of every land surveyor or civil engineer to cooperate with the governmental agency in matters of maps, field notes, and other pertinent records. Monuments set to mark the limiting lines of highways, roads, streets or right-of-way or easement lines shall not be deemed adequate for this purpose unless specifically noted on the corner record or record of survey of the improvement works with direct ties in bearing or azimuth and distance between these and other monuments of record.

The decision to file either the required corner record or a record of survey pursuant to subdivision shall be at the election of the licensed land surveyor or registered civil engineer submitting the document.

Full Compensation for conforming to the requirements of this section shall be considered as included in the prices paid for various contract items of work involved and no additional compensation will be allowed therefore.

5-1.10 Maintaining Driveway Access

Driveways shall remain open at all times. Egress and ingress to all residences or businesses shall be maintained at all times. Working periods shall be interpreted as the time that work is actively in progress at the driveway location. At least one principal ingress/egress driveway to the residence or business must be maintained at all other times. Where there are two (2) or more driveways available, the principal driveway shall be designated at the sole discretion of the Engineer or property owner/tenant.

At locations with less than two (2) ingress/egress driveways, the Contractor shall maintain ingress and egress at all times and phase new improvements at driveway locations to the satisfaction of the Engineer. At the discretion of the Contractor, and without additional cost to the City, rapid-set concrete may be used at driveway locations.

The Contractor shall provide at least five (5) working days advance written notice to the Engineer and property owner/tenant prior to any work requiring the temporary closure of any driveway. The Contractor shall conduct operations to cause the least possible disruption to the property owner/tenant and damage to property. On completion of the construction work shift, unpaved driveway approaches shall be graded with aggregate base and rolled smooth in order to accommodate vehicular traffic, as directed by the Engineer.

All costs incurred by this provision shall be included in the various bid items and no additional compensation will be made.

Full Compensation for conforming to the requirements of this section shall be considered as included in the prices paid for various contract items of work involved and no additional compensation will be allowed therefore.

5-1.11 Maintaining Pedestrian Access

When a pedestrian circulation path is temporarily closed by construction, alterations, maintenance operations, or other conditions, an alternate pedestrian access route complying with sections 6D.01, 6D.02, and 6G.05 of the MUTCD shall be provided.

Whenever possible work should be done in a manner that does not create a need to detour pedestrians from existing pedestrian routes. Extra distance and additional pedestrian street crossings add complexity to a trip and increase exposure of risk to accidents. The alternate pedestrian routes shall be accessible and detectable, including warning pedestrians who are blind or have low vision about sidewalk closures. Proximity-

actuated audible signs are a preferred means to warn pedestrians who are blind or have low vision about sidewalk closures.

The surface shall be skid-resistant and free of irregularities. Pedestrian walkways shall be maintained in good condition and shall be suitable for wheelchair use. Walkways shall be kept clear of obstructions. The Contractor shall cause the least possible disruption to the affected properties and restore suitable pedestrian access immediately following completion of the active work in progress.

At least one (1) continuous walkway along one (1) side of the street shall be available at all times. At locations where work is actively in progress, the pedestrian walkway within a single block may be temporarily closed at one end of the block along one (1) side of the street. Pedestrians shall be rerouted to the walkway on the opposite side of the street.

Pedestrian walkways shall be surfaced with asphalt concrete, Portland cement concrete, or timber. The surface shall be skid-resistant and free of irregularities. Pedestrian walkways shall be maintained in good condition, and shall be suitable for wheelchair use. Walkways shall be kept clear of obstructions.

Minor deviations from the requirements of this section, which do not significantly change the cost of the work, may be permitted upon the written request of the Contractor if, in the opinion of the Engineer, public traffic will be better served, and the work expedited. These deviations shall not be adopted by the Contractor until the Engineer has approved them in writing. All other modifications will be made by contract change order.

The Contractor shall cause the least possible disruption to the affected properties and restore suitable pedestrian access immediately following completion of the active work in progress. Minor deviations from the requirements of this section, which do not significantly change the cost of the work, may be permitted upon the written request of the Contractor if, in the opinion of the Engineer, public traffic will be better served and the work expedited. These deviations shall not be adopted by the Contractor until the Engineer has approved them in writing. All other modifications will be made by contract change order.

Full compensation for maintaining pedestrian access shall be included in the contract price for traffic control, and no additional compensation will be allowed.

5-1.12 Encroachment Permit from City, County, Utilities, Railroads and Others

Attention is directed to Section 5-1.20B, "Permits, Licenses, Agreements, and Certifications," of the Caltrans Specifications and these Special Provisions. The following is not an all-inclusive list of the required permits and/or licenses, if applicable:

- Encroachment Permit. Contractor shall obtain a City of Stockton encroachment permit and pay all required fees from all affected owners of right-of-way. Encroachment permit and fees must be obtained from the City Permit Center (937-8366) before the start of construction.
- Contractor's License. Contractor shall possess a valid California Class A Contractor License at the time of bid and maintain it throughout the duration of the contract,
- Business License. Contractor shall possess a valid City of Stockton business license prior to the execution of the contract and maintain it throughout the duration of the contract.
- Construction Notification (Dust Control). The Contractor is responsible for the preparation and submittal of the San Joaquin Valley Air Pollution Control District Construction Notification Form. The form and more information can be found at the following web site: <http://www.valleyair.org>.
- Submit the Construction and Demolition (C&D) Debris Recycling Report within 60 days of construction or demolition project completion. The completed form must be accompanied by the official weight tags or receipts verifying the information provided in the report and must be submitted to the City of Stockton Public Works Department, Solid Waste Division, 22 E. Weber Ave. Room 301, Stockton, CA

95202. Failure to provide the C&D Debris Recycling Report form will result in a 5% withholding of the contract amount.

- **Construction Water.** A water meter is required for the use of City water for construction. A similar permit and water meter and its fees are required from California Water Service, if the water is taken from the fire hydrant located in their service area. The Contractor is responsible for obtaining a permit for water from California Water Service, as applicable, for construction water obtained from a City hydrant. This permit shall be approved by the City of Stockton Fire Department and Contractor is required to pay all fees for said permit.

Full compensation for conforming to the provisions in this section including applicable permit fees, shall be considered as included in the prices paid for the various contract items of work involved, and no additional compensation will be allowed.

5-1.13 Schedule

Attention is directed to Section 8-1.02, "Schedule" of the Caltrans Specifications and these Special Provisions. The Contractor shall submit a P6 construction schedule to the Engineer for review and approval. Construction schedule must be approved before the start of any construction.

Full compensation for conforming to the provisions in this section shall be considered as included in the prices paid for the various contract items of work involved, and no additional compensation will be allowed therefore.

5-1.14 Preconstruction Survey

The Contractor shall perform a pre-construction survey of all existing driveways, mailboxes, fences, structures, pavements and other aboveground facilities adjacent to the project limits prior to beginning any work, noting their condition by means of dated and labeled photographs and video tapes supplemented by written documentation, where applicable.

Color photographs shall be taken with a digital camera at minimum intervals of twenty-five (25) feet along each segment of work (block) and at other above ground locations that are appropriate to show pre-existing conditions. Each photograph shall show the date and time the photograph was taken and be clearly labeled showing the location, viewing direction, and any special features noted. Two 4"x 6" copies of each photograph and a copy of video tapes shall be submitted to the Engineer. The photographs shall be indexed, inserted in plastic viewing folders and submitted in 3-ring binders.

Full compensation for preconstruction survey shall be included in the contract price for mobilization, and no additional compensation will be allowed.

5-1.15 Public Notification

The Contractor shall circulate printed form letters/door hangers, approved by the Engineer, explaining the project and the length of time inconvenience will be caused by the project, and deliver same to the residents and/or businesses to be affected no earlier than 48 hours, nor later than 24 hours, before work is to commence. An additional four (4) construction information signs shall be placed at various locations warning about pending construction and delays. The Contractor shall install "Road Closed," arrows, Detour signs, and barricades as necessary.

In addition, the Contractor shall provide temporary "Tow-away, No Parking" signs posted in advance of the work which signs shall be removed upon completion of the work and the opening of the street to traffic. The signs shall not be less than 12"x18" size, "Tow-away, No Parking" words shall be in white letters on red background, and must have Stockton Municipal Code 10.04.310, California Vehicle Code 22651(l)(n), Stockton Police Department telephone number 937-8354, and date and time of parking restriction clearly indicated on it. Such signs shall be placed no farther than fifty (50) feet apart. It shall be the Contractor's responsibility to arrange for the removal of any vehicles obstructing his/her operations.

The Contractor shall notify all residents and businesses affected by the construction, Utilities, School Districts,

Sunrise Sanitation, Stockton Scavenger, and San Joaquin Regional Transit District at least 48 hours prior to starting the work. Any changes to the original schedule/notification would prompt the re-notification by the Contractor. A list of agencies with the contact information is available below.

The Contractor shall inform the City Fire Comm, (209) 464-4648, no later than twenty-four (24) hours before work is to begin. Any changes in the Contractor's original schedule/notification shall be promptly reported to the City Fire Comm, so that they are fully informed at all times of the locations of street closures/construction.

<u>Agency</u>	<u>Phone</u>	<u>Fax</u>	<u>email address</u>
Lodi Unified School District (Transportation) 1305 E. Vine Street, Lodi, CA.	953-8170	331-7821	
Lincoln Unified School District (Transportation) 6749 Harrisburg Place, Stockton, CA	953-8596	957-3626	
Stockton Unified School District (Transportation) 2963 Sanguinetti Lane, Stockton, CA	933-7145	943-0079	
Stockton Scavengers Waste Management 1240 Navy Drive, Stockton, CA	460-3904	948-4013	mwilli16@wm.com
Sunrise Sanitation 1145 W. Charter Way, Stockton, CA	483-2934	466-2371	donald.gomez@awin.com
Stockton Police Dispatch	937-8377	937-8845	
Towed Vehicle Information	937-8354		
Stockton Fire Dispatch	464-4648	937-8013	
San Joaquin Regional Transit District (Bus Dispatch)	948-5566 ext. 652	948-8516	jram@sj-smart.com

All costs incurred by this provision shall be included in the various bid items and no additional compensation will be made therefore.

5-1.16 Non-Highway Facilities and Obstructions

Attention is directed to Section 5-1.36, "Property and Facility Preservation," and Section 5-1.36D "Nonhighway Facilities," of the Caltrans Specifications. The Contractor shall protect from damage any utility and other non-highway facilities that are to remain in place, be installed, relocated or otherwise rearranged.

The Contractor's attention is directed to the existence of certain underground facilities that may require special precautions be taken by the Contractor to protect the health, safety and welfare of workers and of the public. Facilities requiring special precautions include, but are not limited to: conductors of petroleum products, oxygen, chlorine, and toxic or flammable gases, natural gas in pipelines 6 inches or greater in diameter or pipelines operating at pressures greater than 60 pounds per square inch (gage); underground electric supply system conductors or cables, with potential to ground of more than 300 V, either directly buried or in duct or conduit which do not have concentric grounded or other effectively grounded metal shields on sheaths.

The Contractor shall notify the Engineer and the appropriate regional notification center for operators of subsurface installations at least two (2) working days, but not more than fourteen (14) calendar days, prior to performing any excavation or other work close to any underground pipeline, conduit, duct, wire or other structure. Regional notification centers include but are not limited to the following:

Notification Center	Telephone Number
Underground Service Alert-Northern California (USA)	1-800-642-2444 1-800-227-2600
Underground Service Alert-Southern California (USA)	1-800-422-4133 1-800-227-2600

The Contractor shall verify the horizontal and vertical locations of all existing utilities prior to start of construction. The Contractor shall be responsible for the repair and replacement of these or any other facilities damaged during construction. The Contractor shall notify Underground Services Alert (USA) to have existing facilities marked in the field.

If unknown existing facilities are encountered, the Contractor shall notify the Engineer in writing of the situation, request coverage of the work as extra work, and aid the Engineer in determining due diligence.

Payment for complying with this Special Provision shall be included in the various other items of work, and no additional compensation will be allowed therefore.

5-1.17 Site Maintenance and Cleanup

The Contractor shall maintain the work sites in a neat and orderly manner throughout construction. Removed broken concrete shall be disposed of immediately. If, in the determination of the Project Inspector, the Contractor has not adequately maintained a clean, neat and orderly work site, the Contractor may be required to pay to the City of Stockton the sum of two hundred fifty dollars (\$250) per work site. The work shall be conducted in a manner that will control dust. When ordered to provide dust control, the Contractor shall provide a vacuum sweeper to reduce the dusty conditions to the satisfaction of the Project Engineer. A permit shall be obtained from both the City Permit Center and California Water Service Company for construction water that is obtained from a fire hydrant. During and upon completion of construction, the Contractor shall remove all equipment, debris, and shall leave the site in a neat and clean condition to the satisfaction of the Project Engineer. Full compensation for Site Maintenance and Cleanup shall be considered as included in the price paid for the various items of work and no separate payment will be made therefore.

5-1.18 Disposal of Materials

All materials designated to be removed and not salvaged shall become the property of the Contractor and shall be disposed of in accordance with Federal, State and local laws, and ordinances. The Contractor shall file: 1) Construction and Demolition Debris Materials Checklist at the time of permit application, and 2) Construction and Demolition Debris Recycling Report within fifteen (15) days of job completion. Full compensation for conforming to the requirements of this section shall be considered included in the various bid items of work and no additional compensation will be considered therefore.

5-1.19 Pre-construction Meeting

The Engineer will schedule a pre-construction meeting with the Contractor following award of the contract and prior to commencing. Full compensation for any activity associated with this work shall be included in the prices for the various contract items of work, and no additional compensation will be allowed therefore.

5-1.20 Submittals

The following is a list of anticipated submittals for the project and is provided to aid the Contractor in determining the scope of work, but is not intended to be all-inclusive. Additional submittals may be required:

NO.	SUBMITTAL	DEADLINE
1	DAS 140	Prior to Notice to Proceed
2	DAS 142	Prior to Notice to Proceed
3	Local Hire Employment Ordinance – Good Faith Effort	Prior to Notice to Proceed
4	Monthly Local Employment Ordinance Compliance Report	During Construction
5	Pre-construction survey of entire project (Dated photos, identified locations, etc.)	Prior to Notice to Proceed
6	Material Submittal and pertinent MSDS	Prior to Notice to Proceed
7	SWPPP Plans prepared by a QSD. Best Management Practices	Prior to Notice to Proceed
8	Traffic Control Plans and Pedestrian Detour Plans	Prior to Notice to Proceed
9	Concrete Mix Design	Prior to Notice to Proceed
10	Asphalt Concrete (AC) Mix Design	Prior to Notice to Proceed
11	Emergency Contacts / Authorized Representatives	Prior to Notice to Proceed
12	Project Baseline Schedule	Within 20 Days of Contract Execution
13	Staging agreement with private property owners (if applicable)	Prior to Notice to Proceed
14	Construction and Demolition Debris Recycling Report	Post Construction
15	City of Stockton Business License	Prior to Notice to Proceed
16	City of Stockton Road Encroachment Permit & all other applicable permits (Contractor is responsible to pay all fees associated with said permits)	Prior to Notice to Proceed
17	Public Notifications (Flyers, News Release letter, etc.)	Prior to Notice to Proceed

The Contractor shall transmit each submittal to the Engineer for review and approval with the submittal form approved by the Engineer. Submittals shall be sequentially numbered on the submittal form. Resubmittals shall be identified with the original number and a sequential resubmittal suffix letter. The original submittal shall be numbered X. The first resubmittal shall be numbered X-a and so on. Identify on the form the date of the submittal, Contractor, Subcontractor or supplier; pertinent drawing and detail number, and/or special provision number, as appropriate. The Contractor shall sign the form certifying that review, approval, verification of Products required (if any), field dimensions, adjacent construction work, and coordination of information is in accordance with the requirements of the work and contract documents. Any incomplete submittals will be returned for resubmittal.

Schedule submittals to expedite the Project, and deliver to Engineer at the Engineer’s office, see Section 10-9.02, “Contractor Work Procedure,” of these Special Provisions.

For each submittal for review, allow four (4) calendar days excluding delivery time to and from the Contractor. Identify variations from Contract Documents and Product or system limitations that may be detrimental to successful performance of the completed Work. When revised for resubmission, identify all changes made since previous submission. Distribute copies of reviewed submittals as appropriate. Instruct parties to promptly report any inability to comply with requirements.

Submittals not requested either in the Contract Documents or in writing from the Engineer will not be recognized or processed.

Within ten (10) calendar days after Contract Award, submit all required submittals for review and approval.

Except as may otherwise be indicated herein, the Engineer will return prints of each submittal to the Contractor with their comments noted on the submittal. The Contractor shall make complete and acceptable submittals to the Engineer by the second submission of a submittal item. The City reserves the right to withhold monies due to the Contractor to cover additional costs of the Engineer's review beyond the second submittal.

If a submittal is returned to the Contractor marked "NO EXCEPTIONS TAKEN," formal revision and resubmission of said submittal will not be required.

If a submittal is returned to the Contractor marked "MAKE CORRECTIONS NOTED," formal revision and resubmission of said submittal will be required.

Full compensation for conforming to the requirements of this section shall be considered included in the various bid items of work and no additional compensation will be considered therefore.

5-1.21 Unsatisfactory Progress

If the number of working days charged to the contract exceeds 75 percent of the working days in the current time of completion and the percent working days elapsed exceeds the percent work completed by more than 15 percentage points, the City will withhold 10 percent of the amount due on the current monthly estimate.

The percent working days elapsed will be determined from the number of working days charged to the contract divided by the number of contract working days in the current time of completion, expressed as a percentage. The number of contract working days in the current time of completion shall consist of the original contract working days increased or decreased by time adjustments approved by the Engineer.

The percent work completed will be determined by the Engineer from the sum of payments made to date plus the amount due on the current monthly estimate, divided by the current total estimated value of the work, expressed as a percentage.

When the percent of working days elapsed minus the percent of work completed is less than or equal to 15 percentage points, the funds withheld shall be returned to the Contractor with the next monthly progress payment.

Funds kept or withheld from payment, due to the failure of the Contractor to comply with the provisions of the contract, will not be subject to the requirements of Public Contract Code 7107 or to the payment of interest pursuant to Public Contract Code Section 10261.5.

5-1.22 Noise Control Requirements

Noise control shall conform to the provisions in Section 14-8-02, "Noise Control," of the Caltrans Specifications and these Special Provisions. Nothing in the Caltrans Specifications or these Special Provisions voids the Contractor's public safety responsibilities or relieves the Contractor from the responsibility to comply with other ordinances regulating noise level.

The noise level from the Contractor's operations, between the hours of 8:00 p.m. and 6:00 a.m., shall not exceed 86 dBA at a distance of fifty (50) feet. This requirement shall not relieve the Contractor from responsibility for complying with other ordinances regulating noise level.

The noise level requirement shall apply to the equipment on the job or related to the job, including, but not limited to, trucks, transit mixers, or transient equipment that may or may not be owned by the Contractor. The use of loud sound signals shall be avoided in favor of light warnings except those required by safety laws for the protection of personnel.

Full compensation for conforming to the requirements of this section shall be considered as included in the prices paid for the various contract items of work involved, and no additional compensation will be allowed therefore.

5-1.23 Dust Control

Dust control shall conform to any requirements set forth in the San Joaquin Valley Air Pollution Control District Construction Notification Form, see Section 5-1.11, "Permits," of these Special Provisions and Section 14-11.04, "Dust Control," of the Caltrans Specifications.

Use of water except for recycled, reclaimed, or other non-potable water for the purpose of dust control or other construction use is prohibited, unless for health or safety purposes. All dust control operations shall be performed by the Contractor using a vacuum sweeper at the time, location and in the amount ordered by the Engineer. The application of either water or dust palliative shall always be under the control of the Engineer. Watering shall conform to the provisions of Section 10-6, "Watering," of the Caltrans Specifications and these Special Provisions.

Full compensation for conforming to the requirements of this section shall be considered as included in the prices paid for the various contract items of work involved, and no additional compensation will be allowed.

5-1.24 Staging Areas

The street right of way shall be used only for purposes that are necessary to perform the required work. The Contractor shall not occupy the right of way, or allow others to occupy the right of way for purposes, which are not necessary to perform the required work.

The Contractor shall secure at his/her own expense any area required for storage of equipment or materials, or for other purposes. No additional compensation will be considered there. A copy of the "use" agreement shall be submitted to the Engineer.

5-1.25 As-Built/Record Drawings

The Contractor shall maintain a complete set of red line drawings on site for the purpose of keeping up to date all field modifications. This plan set shall be available for review by the project Inspector or the Engineer. These plans shall be provided to the Inspector after the completion of construction at the Post Construction Meeting and prior to the final payment. All revision, modifications and/or changes shall be marked clearly. Notes and dimensions shall be in red and be clear and legible. These plans will be used by the Design Engineer to mark up the original plan sheets with the revisions made during construction.

Full compensation for furnishing the As-Built/Record Drawings shall be considered included in the various bid items of work and no additional compensation will be considered therefore.

5-1.26 Relations with California Regional Water Quality Control Board

This project lies within the boundaries of the Central Valley Regional Water Quality Control Board (RWQCB). The State Water Resources Control Board (SWRCB) has issued to the City a permit that governs storm water and non-storm water discharges from City properties, facilities, and activities. The City's permit is entitled "Order No. R5-2007-0173, NPDES No. CAS083470, Waste Discharge Requirements City of Stockton and County of San Joaquin Stormwater Discharges From Municipal Separate Storm Sewer System San Joaquin County Copies of the permit may be obtained at: <http://www.stocktongov.com/government/departments/municipalUtilities/util.html>

The NPDES permits that regulate this project, as referenced above, are collectively referred to in this section as the "permits."

This project shall conform to the permits and modifications thereto. The Contractor shall maintain copies of the permits at the project site and shall make them available during construction.

The Contractor shall know and comply with provisions of Federal, State, and local regulations and requirements that govern the Contractor's operations and storm water and non-storm water discharges from the project site and areas of disturbance outside the project limits during construction. Attention is directed to Sections 7-1.02, "Laws" 5-1.36, "Property and Facility Preservation," 7-1.05, "Indemnification," of the Caltrans Specifications.

The Contractor shall notify the Engineer immediately upon request from the regulatory agencies to enter, inspect, sample, monitor, or otherwise access the project site or the Contractor's records pertaining to water pollution control work. The Contractor and the City shall provide copies of correspondence, notices of violation, enforcement actions, or proposed fines by regulatory agencies to the requesting regulatory agency.

Full compensation for conforming to the requirements of this section shall be considered as included in the prices paid for the various contract items of work involved, and no additional compensation will be allowed.

5-1.27 Increased or Decreased Quantities

The City reserves the right to make such alterations, deviations, additions to, or omissions from the plans and specifications, including the right to increase or decrease the quantity of any item or portion of the work or to omit any item or portion of the work, as may be deemed by the Engineer to be necessary or advisable and to require such extra work as may be determined by the Engineer to be required for the proper completion or construction of the whole work contemplated, without adjustment in the unit price as bid. Section 9-1.06B and Section 9-1.06C of the Caltrans Standard Specifications shall not apply.

5-1.28 Changes and Extra Work

New and unforeseen work will be considered as extra work when determined by the Engineer that the work is not covered by any of the various items for which there is a bid price or by combinations of those items. In the event portions of this work are determined by the Engineer to be covered by some of the various items for which there is a bid price or combinations of those items, the remaining portion of the work will be classed as extra work. Extra work also includes work specifically designated as extra work in the plans or specifications.

Any such extra work will be outlined in a contract change order, which will specify the work to be done in connection with the change made, adjustment of contract time, if any, and the basis of compensation for such work. A contract change order will not become effective until approved by the City Manager and / or City Council.

The Contractor shall do the extra work and furnish labor and equipment therefore upon receipt of an approved contract change order or other written order of the Engineer. In the absence of an approved contract change order or other written order of the Engineer, the Contractor shall not be entitled to payment for the extra work.

If, in the opinion of the Engineer, such work cannot reasonably be performed concurrently with other items of work, and if a controlling item of work is delayed thereby, an adjustment of contract time will be made.

Payment for extra work required to be performed pursuant to the provisions in this section, in the absence of an executed contract change order, will be made by force account as provided in Section 9-1.04 "Force Account" of the Caltrans Specifications; or as agreed to by the Contractor and the Engineer.

5-1.29 Notice of Potential Claim

The Contractor shall not be entitled to the payment of any additional compensation for any cause, or for the happening of any event, thing, or occurrence, including any act or failure to act, by the Engineer, unless s/he has given the Engineer due written notice of potential claim as hereinafter specified, provided, however, that compliance with this section shall not be a prerequisite for matters within the scope of the protest provisions under "Changes" or "Time of Completion" or within the notice provisions in "Liquidated Damages" not to any claim which is based on differences in measurements or errors of computation as to Contract quantities. The written notice of potential claim shall set forth the items and reasons which the Contractor believes to be eligible for additional compensation, the description of work, the nature of the additional costs and the total

amount of the potential claim. If based on an act or failure to act by the Engineer, written notice for potential claim must be given to the Engineer prior to the Contractor commencing work; in all other cases, written notice for potential claims must be given to the Engineer within fifteen (15) days after the happening of the event, thing or occurrence giving rise to the potential claim.

It is the intention of this section that potential differences between the parties of this Contract be brought to the attention of the Engineer at the earliest possible time appropriate action may be taken and settlement may be reached. The Contractor hereby agrees that s/he shall have no right to additional compensation for any claim that may be based on any act or failure to act by the Engineer or any event, thing or occurrence for which no written notice of potential claim was filed.

5-1.30 Stop Notice Withholds

Section 9-1.16E(4) "Stop Notice Withholds" of the Caltrans Specifications is amended to read as follows:

"The City of Stockton, by and through the Department of Public Works, may at its option and at any time retain out of any amounts due the Contractor, sums sufficient to cover claims, filed pursuant to Section 3179 et seq. of the Code of Civil Procedures."

SECTION 6 BLANK

SECTION 7 MEASUREMENT AND PAYMENT

7-1.01 General

Payment for the various bid items shall be made at the unit bid prices for the final measured quantities of the work actually completed and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in constructing, complete and in-place, items necessary to satisfy all sections of these Special Provisions. Payment shall be for traffic control, removal and replacement of concrete curb, gutter, sidewalk, monument preservation, asphalt concrete pavement, flat work including saw cutting, fixed forms, and excavation. In the areas of curb/gutter replacement, Contractor shall saw cut, remove and replace existing AC pavement one (1) foot wide from gutter lip and 8" in depth, and replace with 8" asphalt concrete unless site contains special circumstances. Contractor is otherwise directed by the Project Inspector.

Payment for those items of work required to complete the work as specified herein, but not shown as separate bid items on the bid schedule, shall be deemed as included in the other items of work, and no additional compensation will be allowed therefore.

All materials designated to be removed shall become the property of the Contractor, unless otherwise noted, and shall be disposed of in accordance with local, state, and federal laws and ordinances.

Full compensation for disposal of materials and performing the work in these specifications shall be included in the prices paid for the various contract items of work and no additional compensation will be allowed.

7-1.02 Payments

Attention is directed to Section 9-1.06, "Partial Payments," and 9-1.07, "Payment after Acceptance," of the Caltrans Specifications.

Schedule of Measurement and Payment

1. Mobilization: paid by lump sum, shall include costs associated with the movement of personnel, equipment, supplies, and incidentals to the project site.
2. Traffic Control: paid by lump sum, shall include all preparatory work and operations, including, but not limited to, designing, furnishing, installing and maintaining traffic control and pedestrian access. Traffic Control Plans shall be signed and stamped by a licensed civil or traffic engineer

and be submitted to the City for review and approval. Traffic control necessary for other various bid items of work shall be included in this bid item for payment.

3. Concrete Sidewalk Removal and Replacement: paid per square foot. Includes saw cutting; removal and disposal of existing concrete and debris, cutting and removal of tree roots under the sidewalk; excavating existing base to install 6" thick of concrete sidewalk and 4" thick of compacted aggregate base; installation of dowels; saw cutting of existing asphalt pavement and dirt to fit wood forms; and repair of damaged landscape and irrigation sprinklers due to the construction work. Damaged sprinklers shall be repaired immediately by the Contractor to the satisfaction of the Engineer. Work also includes backfilling, grading and compacting material (95%) at back of sidewalks to be flush with back of sidewalk.
4. Vertical Curb and Gutter Removal and Replacement: paid per linear foot. Includes saw cutting; removal and disposal of existing concrete and debris, cutting and removal of tree roots under the gutter; excavating existing base to install concrete curb, gutter and compacted aggregate base per City Standard Specifications and Plans drawing no. R-52; installation of dowels; saw cutting and removal and replacement of existing asphalt pavement (1 foot from the gutter lip and 8" inches deep) and dirt to fit wood forms; and repair of damaged landscape and sprinkler due to construction work.
5. Rolled Curb and Gutter Removal and Replacement: paid per linear foot. Includes saw cutting; removal and disposal of existing concrete and debris, cutting and removal of tree roots under the gutter; excavating existing base to install concrete curb, gutter and compacted aggregate base per City Standard and Specifications drawing no. R-51; installation of dowels; saw cutting and removal and replacement of existing asphalt pavement (1 foot from the gutter lip and 8" inches deep) and dirt to fit wood forms; and repair of damaged landscape and sprinkler due to construction work.
6. Concrete Driveway Apron Removal and Replacement: paid per square foot. Removal, disposal and replacement of concrete up to 8" thick including saw cutting; removal of existing concrete and debris, cutting and removal of tree roots under the concrete; excavating existing base to install concrete driveway apron and compacted aggregate base per City Standard Specifications and Plans drawing no. R-58; installation of dowels; saw cutting and removal and replacement of existing asphalt pavement and dirt to fit wood forms; and repair of damaged landscape and sprinkler due to construction work.
7. Remove and Replace Additional Asphalt Concrete (AC) Pavement 8" Thick (1' wide min.): paid per square foot. Includes saw cutting; removal and disposal of existing pavement section, base and debris; compacting base; supplying and applying tack oil emulsion on the trench walls or AC surface, paving and compacting hot mix asphalt; and all associated work, tools and equipment necessary to properly pave the trench and build conformed surface to meet adjacent elevation described in these Special Provisions.

SECTION 8 BLANK

SECTION 9 DESCRIPTION OF WORK

9-1.01 Description of Work

The work herein includes the bid (various locations citywide)

Bid:

1. Curb, Gutter, Sidewalk, Driveway removal and installation (approximately 109 locations, not all locations have curb & gutter work).

All projects shall consist of providing project safety and traffic control, removal of existing concrete and aggregate base, and installation of driveways, flat work, sidewalk, curb, gutter, asphalt concrete and Portland cement concrete pavements and other work as needed and directed by the Engineer.

Scope of Work consists of the following:

- a) Preservation of existing survey monuments (e.g. chiseled cross, survey iron pipe, etc.) per section 5-1.09.
- b) Notify USA at least 72 hours prior to start of removal work.
- c) Excavation and embankment as required to reconstruct removed improvements.
- d) Saw cut, removal and replacement of curb, gutter, sidewalk, AC pavement (1' wide), curb returns, driveway and concrete flat work as specified.
- e) Cutting and removing all tree roots under damaged concrete.
- f) Establish proper flow line elevations and positive drainage for curb/gutter reconstruction ensuring appropriate drainage.
- g) Adjust catch basin elevation to ensure proper drainage.
- h) Construct concrete driveway approach, including saw cutting, removal and replacement of PCC and AC pavement as specified.
- i) Remove and replace additional AC pavement (8" deep) not included in various bid items.

The attached lists of locations (curb, gutter & sidewalk lists) showing approximate quantities are provided to aid the Contractor in determining the scope of work and for comparing bids. Under any circumstances, they are not to be considered approved, mandatory, or guaranteed work. Actual quantity of the work will depend upon Contractor's field review and measurements.

9-1.02 Order of Work

Following field marking of precise limits by project inspector, the Contractor shall comply with the steps listed below:

1. Properly referencing-out any existing survey monuments such as chiseled cross per section 5-1.09.
2. Remove curb, gutter, sidewalk, driveway approach, base, catch basin, AC pavement, existing corner and miscellaneous flat work as specified.
3. Neatly cut and remove tree roots under damaged concrete as directed by the Engineer.
4. Compact subbase and aggregate base to 95% relative compaction.
5. Establish proper flow line on curb gutter installation.
6. Construct curb, gutter, sidewalk, driveway, catch basin, driveway approach and miscellaneous flat work per City Standards.
7. Replace asphalt concrete per City Standards.
8. Re-install survey monuments per section 5-1.09 and file a final record of survey at the County Recorder's Office.

All associated work and cleanup required to complete the project. This includes fixing irrigation systems, service water lines, fences and other existing improvements which are damaged during removal of roots and construction.

9-1.03 Prosecution and Progress

As specified herein, the Contractor shall follow the following procedures. The Engineer shall have the authority to approve any exceptions:

1. Once the Construction Contract is signed and the Engineer has issued the Notice to Proceed, the Contractor shall start work within ten (10) calendar days of the issuance date of the Notice to Proceed.

2. Upon notification by the City, the Contractor shall preserve any existing monuments (under the supervision of a Licensed Surveyor) within the work limits. Corner Record shall be filed at the San Joaquin County Survey Record. A copy of the record shall be submitted to the Engineer.
3. Contractor shall mark the location and notify Underground Service Alert (USA) at (800) 227-2600 for utility markings immediately, regardless of the quantity of work to be performed.
4. The Contractor shall provide written notice to property owners (via door hangers) describing the work to be done, dates of construction and contact information. All notices must be reviewed and approved by the Engineer prior to issuance to the public.
5. The Contractor shall provide the City with a three-week look ahead project schedule (updated every three weeks with site locations).
6. The Contractor shall not remove concrete unless it can be replaced within three (3) working days of removal.
7. Asphalt concrete pavement shall be replaced within five (5) working days after adjacent concrete is poured.

See following page

9-1.04 Quantities

The following estimate of the quantities of work to be done and materials to be furnished are approximate only and are intended as a basis for the comparison of bids. The City does not expressly or by implication agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work without increase or decrease in the unit price bid or to omit portions of the work that may be deemed necessary or expedient by the Engineer. Actual quantity of the work will depend upon the complaints, project budget and other considerations and constraints.

Bid Item - Description		Estimated Quantity	Unit
1	Mobilization	1	LS
2	Traffic Control	1	LS
3	Concrete Sidewalk Removal & Replacement (All Work Complete In-Place)	31,900	SF
4	Vertical Curb and Gutter Removal & Replacement (All Work Complete In-Place)	2,800	LF
5	Rolled Curb and Gutter Removal and Replacement (All Work Complete In-Place)	1,300	LF
6	Concrete Driveway Apron Removal and Replacement up to 8" depth (All Work Complete In-Place)	870	SF
7	Remove and replace Additional AC pavement (up to 8" thick) (All Work Complete In-Place)	520	SF
Total Bid			

SECTION 10 EARTHWORK

10-1.01 Roadway Excavation

All Portland cement concrete flatwork shall be saw cut a minimum of 3½ inches deep prior to removal. All monolithic Portland Cement Concrete shall be saw cut a minimum of 8 inches deep prior to removal. Full compensation for conforming to the requirements of this section shall be considered as included in the prices paid for the various contract items of work involved, and no additional compensation will be allowed.

10-1.02 Relative Compaction

Relative compaction of not less than 95% shall be obtained for a minimum depth of 0.5 foot below the grading plane for areas of concrete curb, gutter, sidewalk and driveway approach. Aggregate base shall be placed on top of the grading plane and compacted to a minimum of 95% of the maximum density a depth of 4" under all new concrete curbs, gutters, sidewalks and driveways.

Existing asphalt concrete sections to be removed shall be neatly saw cut two and one-half (2½) inches deep and excavated to a depth of eight (8) inches. The vertical edges of the pavement shall be neatly trimmed. All debris shall be removed. The top six inches of the subgrade shall be compacted to 95% of the maximum density at near optimum moisture content.

SECTION 11 EROSION CONTROL AND HIGHWAY PLANTING

11-1.01 Landscape Repair

The cost for landscape repair shall be included in various bid items. The nature of the work is such that damage to adjacent property, irrigation system, fence, landscaping, etc. is expected. The contractor shall be fully responsible for repair of, and temporary maintenance of property owners' facilities. No additional compensation shall be made irrespective of different site conditions. The contractors are required to survey the identified sites on their own before submitting the bids and shall include all work in the unit bid price of related items.

11-1.02 Existing Improvements

The Contractor shall protect the existing adjacent improvements, including utilities.

11-1.03 Sprinkler Systems, Service Water Lines and Fences

Existing sprinkler systems, Service water line and fences disturbed by the Contractors activity shall be repaired to the satisfaction of the City. In California Water Company Service areas, the utility will only provide markings up to the water meter. The Contractor shall proceed carefully digging by hand after this demarcation point, since the water pipe may be located right underneath the sidewalk. Any damage to the water line must be repaired immediately by the contractor after notification to the residents. All repairs to sprinkler systems and service water lines shall be made with new materials. The temporary fences shall be maintained by the contractor during the project.

Full compensation for conforming to the requirements of this section shall be considered as included in the prices paid for the various contract items of work involved, and no additional compensation will be allowed.

11-1.04 Lawn Turf

If required to match new sidewalk grade, existing lawns shall be: (1) raised by lifting existing turf and filling with tamped imported Clements loam and replacing and rolling the turf; (2) lowered by lifting existing turf, removing sufficient soil to lower properly, replacing and rolling the turf; and (3) repaired as directed by the Project Inspector.

All costs incurred by this provision shall be included in the various bid items and no additional compensation will be made.

11-1.05 Repair of Turfed Areas

The Contractor shall fill all created depressions in the landscape strip with Clements loam or equal which shall be free of rocks, clay balls, undecomposed vegetable matter, debris and noxious weed seeds. Loam backfill shall be compacted to match the surrounding material. The Contractor has the option of furnishing and installing turf equal to that of the existing lawn or reseeding with a good quality lawn seed, raked in with peat moss, and maintained to the satisfaction of the City until the lawn has been established.

All costs incurred by this provision shall be included in the various bid items and no additional compensation will be made.

SECTION 12 HOT MIX ASPHALT

Hot Mix Asphalt (HMA) shall conform to Section 39 of the Caltrans Standard Specifications except that the aggregate shall be Type A with 1/2" nominal maximum aggregate size (NMAS) grade PG 64-10. All vertical edges shall be coated with RS-1 or SS-1h at a rate of 0.01 to 0.03 gallons per square yard of residual asphalt. HMA tags for the material used in the project shall be submitted to the Engineer or his or her designee.

SECTION 13 MISCELLANEOUS FACILITIES

- Any replacement clean-outs shall be fitted with concrete boxes and covers per C.O.S. Standard Drawing No. S-18.
- If applicable, catch basins needing to be adjusted or modified shall be replaced and/or modified per C.O.S. Standard Drawing Nos. D-6 and D-8 or as directed.
- Any under-sidewalk drains removed shall be replaced per C.O.S. Standard Drawing Nos. D11-D12 at no additional cost to the City.
- Electric pull boxes and catch basins within the new sidewalk, curb and gutter shall be reset at no additional cost to the City, unless shown to be replaced per Bidding Schedule.
- Prices for items of work not specifically listed on the Bidding Schedule or covered under other work shall be negotiated prior to the performance of said work.

SECTION 14 MINOR CONCRETE

14-1.01 Concrete Curb, Gutter, Sidewalk

Use City of Stockton Standard Specifications numbered D50-D68 with the following exception: Sand is to be replaced with Class 2 - 3/4" aggregate base or approved equal.

Flow line for the new curb and gutter shall be established by the Contractor so that the water runoff would not puddle and can flow to the nearest catch-basin.

All concrete shall conform to minor concrete of Standard Specification section 73. Score marks shall match those of existing adjacent walkways where applicable. Concrete shall be saw cut at score marks prior to removal. The color, quality and texture of the new sidewalk shall match the existing adjacent walk. The Contractor is required to replace any expansion joints removed during sidewalk repair.

Contractor shall accurately tie out and leave adequate marks in the field for his/her concrete crew to accurately stamp utility curb markings, e.g. W for water, S for sewer in sidewalk. The contractor shall accurately tie out property crosses per Section 5-1.09 of these Special Provisions (done by or under supervision of Licensed Land Surveyor) and the contractor shall replace these marks once work is completed. New concrete curb that is adjacent to catch basin shall be stamped with "NO DUMPING DRAINS TO DELTA" message with fish symbol. Painted address on curb that was removed during the repair shall be replaced by the Contractor at no additional cost.

Any concrete, asphalt-concrete, or other material previously used for temporary repair of sidewalks shall be removed by the Contractor at no extra cost, and the edge of the new sidewalk shall neatly match the existing sidewalk. New concrete shall be keyed or dowelled into the existing concrete as specified in the C.O.S. Standard Drawings No. R-56. Broken pieces of concrete, asphalt and debris shall be immediately removed from the job site and disposed of. No portions of broken concrete or asphalt shall remain on the job site overnight.