#### MONTEREY COUNTY RESOURCE MANAGEMENT AGENCY

PUBLIC WORKS, FACILITIES AND PARKS

### **BOOK ONE**

#### NOTICE TO BIDDERS AND SPECIAL PROVISIONS

### PEDESTRIAN CROSSWALK ENHANCEMENTS CASTROVILLE BLVD & RIO RD PROJECT NO. 1148 HSIPL-5944(132)



# NOTICE TO BIDDERS AND SPECIAL PROVISIONS

#### PEDESTRIAN CROSSWALK ENHANCEMENTS CASTROVILLE BLVD & RIO RD PROJECT NO. 1148 HSIPL-5944(132)

The Special Provisions contained herein have been prepared by or under the direction of the following registered person.



DocuSigned by: Kandy Ishii

DocuSigned by:

Mary Grace Perry

Randell Ishii, M.S., P.E., P.T.O.E., Chief of Public Works

FOR USE IN CONNECTION WITH STANDARD SPECIFICATIONS 2015, THE STANDARD PLANS 2015, INCLUDING ISSUED REVISED STANDARD PLANS AND REVISED STANDARD SPECIFICATIONS. THE CURRENT LABOR SURCHARGE EQUIPMENT RENTAL RATES, OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, BUSINESS AND TRANSPORTATION AGENCY; THE CURRENT GENERAL PREVAILING WAGE DETERMINED BY THE DIRECTOR OF INDUSTRIAL RELATIONS IS ON FILE WITH THE DEPARTMENT OF PUBLIC WORKS.

APPROVED AS TO FORM

MARY GRACE PERRY

Deputy County Counsel

Date: 8/19/2020

APPROVED AS TO INDEMNITY/ INSURANCE LANGUAGE

DocuSigned by:

<sup>68914A984C324B4</sup> LESLIE J. GIRARD County Counsel-Risk Manager Date: <sup>8/19/2020</sup> APPROVED AS TO FISCAL TERMS

8/19/2020

Date

DocuSigned by:

Gary Giboney

Chief Deputy Auditor Controller Date: <u>8/19/2020</u>

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#### STANDARD PLANS LIST

The Standard Plan sheets applicable to this contract include but are not limited to those indicated below. The Standard Plans of 2018 and the Revised Standard Plans, which apply to this contract, are included as attachments to these Special Provisions.

#### GENERAL ROAD WORK

#### **MISCELLANEOUS**

A3A	Abbreviations
A3B	Abbreviations
A3C	Abbreviations
A10A	Legend - Lines and Symbols
A20B	Pavement Markers and Traffic Lines - Typical Details
A24E	Pavement Markings – Words, Limit and Yield Lines
A88A	Curb Ramp Details

### TEMPORARY FACILITIES

<u>I Linii Olu liu</u>	<u>T THOMHTMED</u>
T11	Traffic Control System for Lane Closure on Multilane Conventional Highways
T12	Traffic Control System for Half Road Closure on Multilane Conventional
	Highways and Expressways
T13	Traffic Control System for Lane Closure on Two Lane Conventional Highways
T30	Temporary Pedestrian Access routes Typical Sidewalk Closure and Pedestrian
	Detour
T32	Temporary Pedestrian Access Routes Typical Sidewalk/Crosswalk Closure and
	Pedestrian Detour
T62	Temporary Water Pollution Control Details (Temporary Drainage Inlet
	Protection)
T62	Temporary Water Pollution Control Details (Temporary Drainage Inlet
	Protection)

#### **ROADSIDE SIGNS**

- RS1 Roadside Signs Typical Installation Details No. 1
- RS2 Roadside Signs Wood Post, Typical Installation Details No. 2

### COUNTY OF MONTEREY RESOURCE MANAGEMENT AGENCY – PUBLIC WORKS

### **NOTICE TO BIDDERS**

Sealed bids will be received at the OFFICE OF THE CLERK OF THE BOARD OF SUPERVISORS, COUNTY OF MONTEREY, 168 W. ALISAL STREET 1<sup>ST</sup> FLOOR, SALINAS, CALIFORNIA 93901 (MAILING ADDRESS: POBOX 1728, SALINAS CA 93902-1728), until **October 14, 2020**, for the

#### PEDESTRIAN CROSSWALK ENHANCEMENTS CASTROVILLE BLVD & RIO RD PROJECT NO. 1148 HSIPL-5944(132)

as shown on the plans, at which time they will be publicly opened and read in the Board of Supervisors' Chambers, First Floor, Room 1032.

The work to be done consists of the installation of Rectangular Rapid Flashing Beacons at the intersection of Castroville Blvd/ Elkhorn with (2) streetlights. Road work also includes the installation of a concrete pedestrian refuse (8'x6'x6'') with retaining curb, signing and striping in Castroville, California; and the replacement of crosswalk signage with Rectangular Rapid Flashing Beacons at the intersection of Rio Rd/Via Nona Marie. and Rio Road/Via Nona Marie in Carmel, California. The Engineer's Estimate for both projects is \$ 147,200.

The County of Monterey affirms that in any Contract entered into pursuant to this advertisement, disadvantage business enterprise will be afforded full opportunity to submit bids in response to this invitation.

The DBE Contract goal is fourteen percent (14%).

The Bidder shall possess either a valid Class A license or a combination of Class C-8, C-12, C-31, C-32, C-34 and C-45 licenses, at the time of the bid opening.

A bidder's bond, issued by an admitted corporate surety company in an amount equal to at least ten percent (10%) of the amount bid, must accompany the bid.

The successful bidder shall furnish a payment bond and a performance bond each in the amount of one hundred percent (100%) of the Contract.

The Contract Documents are available ELECTRONICALLY and can be downloaded for free at the following Monterey County website: <u>http://www.co.monterey.ca.us/publicworks/bids.htm.</u> Plan holders must register before they can view or download the documents. A copy of the electronic files on compact-disc (CD) is also available at MONTEREY COUNTY RESOURCE MANAGEMENT AGENCY PUBLIC WORKS & FACILITIES, 1441 SCHILLING PLACE, 2<sup>ND</sup> FLOOR, SALINAS, CALIFORNIA 93901 for a nonrefundable fee of \$5.00. The electronic files can be used to print the project plans, project specifications, and other such documents at various printing companies.

Pursuant to California Labor Code Section 1773, the general prevailing wage rates in the County, or Counties, in which the work is to be done have been determined by the Director of the California

Department of Industrial Relations and are available at the Monterey County Resource Management Agency (RMA) Public Works, Facilities and Parks, 1441 Schilling Place, 2<sup>nd</sup> Floor, Salinas, California 93901, and the California Department of Industrial Relations' Internet web site at <u>http://www.dir.ca.gov/DLSR/PWD</u>.

Pursuant to California Labor Code section 1771.1(a), a Contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any Contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Labor Code Section 1725.5. It is not a violation of this section for an unregistered Contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the Contractor is registered to perform public work pursuant to Labor Code Section 1725.5 at the time the Contract is awarded.

This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

Pursuant to California Public Contract Code Section 22300, the Contractor may substitute securities for any moneys withheld by the County to ensure performance under the Contract.

Attention is directed to the Federal minimum wage rate requirements in the Special Provisions. If there is a difference between the minimum wage rates predetermined by the Secretary of Labor and the general prevailing wage rates determined by the Director of the California Department of Industrial Relations for similar classifications of labor, the Contractor and subcontractors shall pay not less than the higher wage rate. The Department will not accept lower State wage rates not specifically included in the Federal minimum wage determinations. This includes "helper" (or other classifications based on hours of experience) or any other classification not appearing in the Federal wage determinations. Where Federal wage determinations do not contain the State wage rate determination otherwise available for use by the Contractor and subcontractors, the Contractor and subcontractors shall pay not less than the Federal minimum wage rate, which most closely approximates the duties of the employees in question.

Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should call the U.S. Department of Transportation (1-800-424-9071) "hotline," between 8:00 a.m. and 5:00 p.m., and report these activities.

The County reserves the right to reject any or all bids or to waive any irregularities or informalities in any bids or in the bidding.

Date:

RANDELL ISHII, M.S., P.E. CHIEF OF PUBLIC WORKS COUNTY OF MONTEREY

### RESOURCE MANAGEMENT AGENCY PUBLIC WORKS, FACILTIES AND PARKS COUNTY OF MONTEREY STATE OF CALIFORNIA

#### **SPECIAL PROVISIONS**

#### PEDESTRIAN CROSSWALK ENHANCEMENTS CASTROVILLE BLVD & RIO RD PROJECT NO. 1148 HSIPL-5944(132)

### **SECTION 1 – DEFINITION AND TERMS**

#### 1-1.01 SPECIFICATIONS AND PLANS:

The work embraced herein shall be done in accordance with the 2015 Standard Plans and Standard Specifications of the State of California, Department of Transportation (Standard Specifications), as revised, insofar as the same may apply and in accordance with the following Special Provisions:

In case of conflict between the Standard Specifications and these Special Provisions, these Special Provisions shall take precedence over and be used in lieu of such conflicting portions. The listing of certain salient sections from the Standard Specifications and these Special Provisions shall not in any way relieve the Contractor of complying with each and every section of the Standard Specifications.

Revisions to the Standard Specifications set forth in these Special Provisions shall be considered as part of the Standard Specifications for the purposes set forth in Section 5-1.02 "Contract Components" of the Standard Specifications. Whenever either the term "Standard Specifications is revised" or the term "Standard Specifications are revised" is used in the Special Provisions, the indented text or table following the term shall be considered Revised Standard Specifications. In case of conflict between such revisions and the Standard Specifications, the revision shall take precedence over and be used in lieu of the conflicting portions.

#### 1-1.02 INTERPRETATION OF STANDARD SPECIFICATIONS:

For the purpose of this Contract, certain terms or pronouns in place of them used throughout the Standard Specifications shall be interpreted as follows: Attention is directed to Section 1, "Definition and Terms," of the Standard Specifications and these Special Provisions:

#### 1-1.03 DEFINITIONS:

The following terms defined in Section 1-1.07, "Definitions," of the Standard Specifications shall be interpreted to have the following meaning and intent:

State:	County of Monterey
Department:	Monterey County Resource Management Agency
Director:	Chair of the Board of Supervisors
Engineer:	Resource Management Agency Deputy Director of Public Works, Facilities, and Parks, acting either directly or through properly

authorized agents, such agents acting within the scope of the particular duties entrusted to them.

### 1-1.04 DEFINITIONS IN SPECIAL PROVISIONS:

Whenever in the Special Provisions and other Contract documents, the following terms, or pronouns in place of them are used, the intent and meaning shall be interpreted as follows:

Clerk of the Board:	The Clerk of the Monterey County Board of Supervisors
Director of Public Works:	Acting Resource Management Agency Deputy Director of Public Works, Facilities, and Parks.
Attorney General:	County Counsel-Risk Manager of Monterey County
Laboratory:	Any established laboratory designated by the Engineer to test materials and work involved in the Contract.

### 1-1.05 STATE HOLIDAYS:

Attention is directed to definition of **holiday** in Section 1-1.07B "Glossary" of the Standard Specifications.

# **SECTION 2 - BIDDING**

### 2-1.01 GENERAL:

The bidder's attention is directed to the provisions in Section 2, "Bidding," of the Standard Specifications and these Special Provisions for the requirements and conditions which he/she/it must observe in the preparation and the submission of the bid.

The Bidder's Bond form mentioned in the last paragraph in Section 2-1.34, "Bidder's Security," of the Standard Specifications will be found in the Bid Form, Book Two. Bidder's security in the form of cashier's check or certified check shall be made payable to the County of Monterey.

In conformance with Public Contract Code Section 7106, a Noncollusion Declaration is included in the Bid Form, Book Two. Signing the Bid shall also constitute signature of the Noncollusion Declaration.

This Contract will require a Class "A" contractor's license or a combination of Class C-8, C-12, C-31, C-32, C-34 and C-45 licenses.

### 2-1.02 DISADVANTAGE BUSINESS ENTERPRISE (DBE):

Replace Section 2-1.12, "Disadvantage Business Enterprise," of the Standard Specifications for Federal Aid Contract with the following:

Under 49 CFR 26.13(b):

The Contractor, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this Contract. The Contractor shall carry out applicable requirements of 49 CFR part 26 in the award and administration of DOT-assisted Contracts. Failure by the Contractor to carry

out these requirements is a material breach of this Contract which may result in the termination of this Contract or such other remedy as the recipient deems appropriate.

Take necessary and reasonable steps to ensure that DBEs have opportunity to participate in the Contract (49 CFR 26).

To ensure equal participation of DBEs provided in 49 CFR 26.5 the Agency shows a goal for DBEs.

Make work available to DBEs and select work parts consistent with available DBE subcontractors and suppliers.

Meet the DBE goal shown elsewhere in these Special Provisions or demonstrate that you made adequate good faith efforts to meet this goal.

It is your responsibility to verify that the DBE firm is certified as DBE at date of bid opening. For a list of DBEs certified by the California Unified Certification Program, go to: <u>http://www.dot.ca.gov/hq/bep/find\_certified.htm</u>.

All DBE participation will count toward the California Department of Transportation's federally mandated statewide overall DBE goal.

Credit for materials or supplies purchased from DBEs counts towards the goal in the following manner:

- One hundred percent (100%) counts if the materials or supplies are obtained from a DBE manufacturer.
- Sixty percent (60%) counts if the materials or supplies are obtained from a DBE regular dealer.
- Only fees, commissions, and charges for assistance in the procurement and delivery of materials or supplies count if obtained from a DBE that is neither a manufacturer nor regular dealer. 49 CFR 26.55 defines "manufacturer" and "regular dealer."

You receive credit towards the goal if you employ a DBE trucking company that performs a commercially useful function as defined in 49 CFR 26.55(d)(1) through (4) and (6).

### a. DBE Commitment Submittal (CT Standard Spec 2-1.12B(2))

Submit the Exhibit 15-G *Construction Contract DBE Commitment* form included in the Bid book. If the form is not submitted with the bid, remove the form from the Bid book before submitting your bid.

If the DBE Commitment form is not submitted with the bid, the apparent low bidder, the second low bidder, and the third low bidder must complete and submit the DBE Commitment form to the Agency. The DBE Commitment form must be received by the Agency no later than 4:00 p.m. on the fifth calendar day after bid opening.

Other bidders do not need to submit the DBE Commitment form unless the Agency requests it. If the Agency requests you to submit a DBE Commitment form, submit the completed form within five (5) calendar days of the request.

Submit written confirmation from each DBE stating that it is participating in the contract.

Include confirmation with the DBE Commitment form. A copy of a DBE's quote will serve as written confirmation that the DBE is participating in the contract.

If you do not submit the DBE Commitment form within the specified time, the Agency will find your bid nonresponsive.

#### b. Good Faith Efforts Submittal

If you have not met the DBE goal, complete and submit the DBE Information - Good Faith Efforts Exhibit 15-H form with the bid showing that you made adequate good faith efforts to meet the goal. Only good faith efforts directed towards obtaining participation by DBEs will be considered. If good faith efforts documentation is not submitted with the bid, it must be received by the Agency no later than 4:00 p.m. on the fifth calendar day after bid opening.

If your DBE Commitment form shows that you have met the DBE goal or if you are required to submit the DBE Commitment form, you must also submit good faith efforts documentation within the specified time to protect your eligibility for award of the contract in the event the Agency finds that the DBE goal has not been met.

Good faith efforts documentation must include the following information and supporting documents, as necessary:

- 1. Items of work you have made available to DBE firms. Identify those items of work you might otherwise perform with your own forces and those items that have been broken down into economically feasible units to facilitate DBE participation. For each item listed, show the dollar value and percentage of the total contract. It is your responsibility to demonstrate that sufficient work to meet the goal was made available to DBE firms.
- 2. Names of certified DBEs and dates on which they were solicited to bid on the project. Include the items of work offered. Describe the methods used for following up initial solicitations to determine with certainty if the DBEs were interested, and the dates of the follow-up. Attach supporting documents such as copies of letters, memos, facsimiles sent, telephone logs, telephone billing statements, and other evidence of solicitation. You are reminded to solicit certified DBEs through all reasonable and available means and provide sufficient time to allow DBEs to respond.
- 3. Name of selected firm and its status as a DBE for each item of work made available. Include name, address, and telephone number of each DBE that provided a quote and their price quote. If the firm selected for the item is not a DBE, provide the reasons for the selection.
- 4. Name and date of each publication in which you requested DBE participation for the project. Attach copies of the published advertisements.
- 5. Names of agencies and dates on which they were contacted to provide assistance in contacting, recruiting, and using DBE firms. If the agencies were contacted in writing, provide copies of supporting documents.

- 6. List of efforts made to provide interested DBEs with adequate information about the plans, specifications, and requirements of the contract to assist them in responding to a solicitation. If you have provided information, identify the name of the DBE assisted, the nature of the information provided, and date of contact. Provide copies of supporting documents, as appropriate.
- 7. List of efforts made to assist interested DBEs in obtaining bonding, lines of credit, insurance, necessary equipment, supplies, and materials, excluding supplies and equipment that the DBE subcontractor purchases or leases from the prime contractor or its affiliate. If such assistance is provided by you, identify the name of the DBE assisted, nature of the assistance offered, and date assistance was provided. Provide copies of supporting documents, as appropriate.
- 8. Any additional data to support demonstration of good faith efforts.

The Agency may consider DBE commitments of the second and third bidders when determining whether the low bidder made good faith efforts to meet the DBE goal.

### c. Exhibit 15-G - Construction Contract DBE Commitment

Complete and sign Exhibit 15-G *Construction Contract DBE Commitment* included in the contract documents regardless of whether DBE participation is reported.

Provide written confirmation from each DBE that the DBE is participating in the Contract. A copy of a DBE's quote serves as written confirmation. If a DBE is participating as a joint venture partner, the Agency encourages you to submit a copy of the joint venture agreement.

### d. Subcontractor and Disadvantaged Business Enterprise Records

Use each DBE subcontractor as listed on Exhibit 12-B *Bidder's List of Subcontractors (DBE and Non-DBE)* and Exhibit 15-G *Construction Contract DBE Commitment* form unless you receive authorization for a substitution.

The Agency requests the Contractor to:

- 1. Notify the Engineer of any changes to its anticipated DBE participation.
- 2. Provide this notification before starting the affected work.
- 3. Maintain records including:
  - Name and business address of each first tier subcontractor
  - Name and business address of each DBE subcontractor, DBE vendor, and DBE trucking company, regardless of tier
  - Date of payment and total amount paid to each business.

If you are a DBE contractor, include the date of work performed by your own forces and the corresponding value of the work.

Before the 15th of each month, submit a Monthly DBE Trucking Verification form.

If a DBE is decertified before completing its work, the DBE must notify you in writing of the decertification date. If a business becomes a certified DBE before completing its work, the business must notify you in writing of the certification date. Submit the notifications. On work completion, complete a Disadvantaged Business Enterprises (DBE) Certification Status Change, Exhibit 17-O, form. Submit the form within 30 days of contract acceptance.

Upon work completion, complete Exhibit 17-F *Final Report – Utilization of Disadvantaged Business Enterprises (DBE), First Tier Subcontractors.* Submit it within 90 days of contract acceptance. The Agency will withhold \$10,000 until the form is submitted. The Agency will release the amount withheld upon submission of the completed form.

### e. Performance of Disadvantaged Business Enterprises

DBEs must perform work or supply materials as listed in the Exhibit 15-G *Construction Contract DBE Commitment* form, included in the Bid.

Do not terminate or substitute a listed DBE for convenience and perform the work with your own forces or obtain materials from other sources without authorization from the Agency.

The Agency authorizes a request to use other forces or sources of materials if it shows any of the following justifications:

- 1. Listed DBE fails or refuses to execute a written contract based on plans and specifications for the project.
- 2. You stipulated that a bond is a condition of executing the subcontract and the listed DBE fails to meet your bond requirements.
- 3. Work requires a contractor's license and listed DBE does not have a valid license under Contractors License Law.
- 4. Listed DBE fails or refuses to perform the work or furnish the listed materials.
- 5. Listed DBE's work is unsatisfactory and not in compliance with the contract.
- 6. Listed DBE is ineligible to work on the project because of suspension or debarment.
- 7. Listed DBE becomes bankrupt or insolvent.
- 8. Listed DBE voluntarily withdraws with written notice from the Contract
- 9. Listed DBE is ineligible to receive credit for the type of work required.
- 10. Listed DBE owner dies or becomes disabled resulting in the inability to perform the work on the Contract.
- 11. Agency determines other documented good cause.

Notify the original DBE of your intent to use other forces or material sources and provide the reasons. Provide the DBE with five (5) days to respond to your notice and advise you and the Agency of the reasons why the use of other forces or sources of materials should not occur. Your request to use other forces or material sources must include:

- 1. One (1) or more of the reasons listed in the preceding paragraph.
- 2. Notices from you to the DBE regarding the request.
- 3. Notices from the DBEs to you regarding the request.

If a listed DBE is terminated or substituted, you must make good faith efforts to find another DBE to substitute for the original DBE. The substitute DBE must perform at least the same amount of work as the original DBE under the contract to the extent needed to meet the DBE goal.

The substitute DBE must be certified as a DBE at the time of request for substitution unless the Agency authorizes (1) a request to use other forces or sources of materials or (2) a good faith effort for a substitution of a terminated DBE, the Agency does not pay for work listed on the Exhibit 15-G *Construction Contract* DBE *Commitment* form unless it is performed or supplied by the listed DBE or an authorized substitute.

### 2-1.03 BID OPENING:

The Agency publicly opens and reads bids at the time and place shown on the Notice to Bidders.

### 2-1.04 BID RIGGING:

The U.S. Department of Transportation (DOT) provides a toll-free hotline to report bid rigging activities. Use the hotline to report bid rigging, bidder collusion, and other fraudulent activities. The hotline number is (800) 424-9071. The service is available 24 hours seven (7) days a week and is confidential and anonymous. The hotline is part of the DOT's effort to identify and investigate highway construction Contract fraud and abuse and is operated under the direction of the DOT Inspector General.

### 2-1.05 SUBCONTRACTORS LIST:

Each bid shall have listed therein the name and address of each Subcontractor to whom the bidder proposes to subcontract portions of the work in an amount in excess of one-half of one percent of his/her/its total bid or \$10,000, whichever is greater, in accordance with the Subletting and Subcontracting Fair Practices Act, commencing with Section 4100 of the Public Contract Code.

The bidder's attention is directed to other provisions of said Act related to the imposition of penalties for a failure to observe its provisions by using unauthorized Subcontractors or by making unauthorized substitutions.

A sheet for listing the Subcontractors, as required herein by law, is included in the Bid.

### 2-1.06 JOB SITE AND DOCUMENT EXAMINATION:

The bidder shall examine carefully the site of the work contemplated, the specifications, and the proposal and Contract forms therefor. The submission of a bid shall be conclusive evidence that the bidder has investigated and is satisfied as to the general and local conditions to be encountered, as to the character, quality and scope of work to be performed, the quantities of materials to be furnished and as to the requirements of the proposal, plans, specifications and the Contract.

The submission of a bid shall also be conclusive evidence that the bidder is satisfied as to the character, quality and quantity of surface and subsurface materials or obstacles to be encountered insofar as this information was reasonably ascertainable from an inspection of the site as well as from the specifications made a part of the Contract.

All bidder inquiries about the meaning or intent of the Contract Documents submitted to the Engineer shall be in writing. Replies to the inquiries will be in the form of addenda and will be mailed, faxed, or delivered to all parties recorded by the Engineer as having received the bidding documents. Issued addenda shall be considered as part of the Contract Documents. Bidder inquiries received less than ten (10) days prior to the date of bid opening will not be answered. Oral and other interpretations or clarifications will be without legal effect.

The County assumes no responsibility for conclusions or interpretations made by a bidder or Contractor based on the information or data made available by the County. The County does not assume responsibility for representations made by its officers or agents before the execution of the Contract concerning surface or subsurface conditions, unless that representation is expressly stated in the Contract.

No conclusions or interpretations made by a bidder or Contractor from the information and data made available by the County will relieve a bidder or Contractor from properly fulfilling the terms of the Contract.

# SECTION 3. CONTRACT AWARD AND EXECUTION

### 3-1.01 GENERAL:

The bidder's attention is directed to the provisions in Section 3, "Contract Award and Execution," of the Standard Specifications and these Special Provisions for the requirements and conditions concerning award and execution of Contract.

### 3-1.02 CONTRACT AWARD:

If the Agency awards the Contract, the award is made to the lowest responsible and responsive bidder.

In lieu of Section 3-1.04, "Contract Award," of the Standard Specification, insert the following:

Bidders who wish to lodge a protest as to the award of the bid must do so before 5:00 p.m. of the fifth business day following the notice of intent to award the Contract. Failure to timely file a written protest shall constitute a waiver of right to protest. Untimely protests will not be accepted or considered. Bid protests must be submitted, in writing, to: MONTEREY COUNTY RESOURCE MANAGEMENT AGENCY PUBLIC WORKS, FACILITIES AND PARKS TO THE ATTENTION OF THE PROJECT MANAGER/1441 SCHILLING PLACE, 2<sup>ND</sup> FLOOR, SALINAS, CALIFORNIA 93901-2438. Protests may be hand-delivered or sent via facsimile [(831)755-4958], certified United States Postal Services (USPS) mail, or E-mail to the

attention of the project manager [The Project Manager's E-mail address may be obtained by calling (831) 755-4800]. Bid protests must include the project name and project number, a complete statement describing the basis for the bid protest, including a detailed statement of all legal and factual grounds for the protest, any documentation supporting the protestor's grounds for the protest, and the form of relief requested and the legal basis for such relief. The party lodging the protest must also include their contact information including mailing address, telephone number, and E-mail address.

If a valid protest is timely filed, the Department shall investigate the bid protest. The protested bidder shall have three (3) business days to respond to any Public Works, Facilities & Parks requests to provide additional information. The Department shall respond to the protesting party, stating its finding. The Department Director shall make a recommendation to the Board regarding the bid protest.

The award of the Contract, if it be awarded, will be to the lowest responsible bidder within ninety (90) days after bid opening, whose bid complies with all the requirements prescribed.

In determining the lowest "responsible" Bidder, consideration shall be given to the general competency of Bidder in regards to the work covered by the bid.

The Contract shall be executed by the successful bidder and shall be returned, together with the Contract bonds and insurance certificates, to the MONTEREY COUNTY RESOURCE MANAGEMENT PUBLIC WORKS, FACILITIES AND PARKS so that it is received within ten (10) days, not including Saturdays, Sundays and legal holidays, after the bidder has received the Contract for execution. Failure to do so shall be just cause for forfeiture of the bid guaranty. The executed Contract documents shall be delivered to the following address: MONTEREY COUNTY RESOURCE MANAGEMENT PUBLIC WORKS, FACILITIES, AND PARKS, 1441 SCHILLING PLACE, 2<sup>ND</sup> FLOOR, SALINAS, CALIFORNIA 93901-2438.

### 3-1.03 CONTRACT BONDS (PUB. CONT. CODE 10221 AND 10222):

In lieu of the second paragraph in Section 3-1.05 "Contract Bonds (Public Contract Code Sections10221 and 10222)" of the Standard Specifications, the following shall be inserted:

2. Performance bond to guarantee the faithful performance of the Contract. This bond must be equal to at least one hundred percent (100%) of the total bid.

The two (2) bonds shall be written by an admitted corporate surety.

### 3-1.04 CONTRACTOR LICENSE:

Attention is directed to the provisions in Section 3-1.06, "Contractor License" of the Standard Specification for federal-aid contract.

The Contractor must be properly licensed as a Contractor from Contract award through Contract acceptance (California Public Contract Code § 10164).

### <u>3-1.05 CONTRACTOR REGISTRATION WITH THE DEPARMENT OF INDUSTRIAL</u> <u>RELATIONS:</u>

Attention is directed to Department of Industrial Relations Contractor registration for public

works & facilities project.

Pursuant to Labor Code section 1771.1(a), a Contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any Contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Labor Code Section 1725.5. It is not a violation of this section for an unregistered Contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the Contractor is registered to perform public work pursuant to Labor Code Section 1725.5 at the time the Contract is awarded.

This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

For Contractor Registration, go to: http://www.dir.ca.gov/Public-Works/PublicWorks.html

# SECTION 4 SCOPE OF WORK

### 4-1.01 WORK DESCRIPTION

In general, the work to be done consists of the installation of Rectangular Rapid Flashing Beacons at the intersection of Castroville Blvd/ Elkhorn with (2) streetlights. Road work also includes the installation of a concrete pedestrian refuse (8'x6'x6") with retaining curb, signing and striping, clearing and grubbing, and traffic control in Castroville, California; and the replacement of crosswalk signage with Rectangular Rapid Flashing Beacons at the intersection of Rio Road/Via Nona Marie in Carmel, California. Such other items or details, not mentioned above, that are required by the Plans, Standard Specifications, Standard Plans, or these Special Provisions, shall be performed, placed, constructed, or installed.

### 4-1.02 INCREASED AND DECREASED QUANTITIES:

The County reserves the right to increase, decrease or delete the quantities of items as follows:

ITEM CODE.	ITEM
150715	Remove Thermoplastic Pavement Marking
150722	Remove Pavement Marker
152438	Adjust Frame and Cover to Grade
153103	Cold Plane Asphalt Concrete Pavement

The adjustment provision in Section 4-1.05 "Changes and Extra Work" of the Standard Specifications shall not apply to the above items.

Such other items or details, not mentioned above, that are required by the Plans, Standard Specifications, or these Special Provisions, shall be performed, placed, constructed, or installed.

### 4-1.03 BALANCING CHANGE ORDER:

Prior to submitting for the final estimate, a balancing change order adjusting quantities to reflect those actually used during construction will be issued.

#### 4-1.04 CHANGED CONDITION:

### a. Differing Site Conditions

- 1. During the progress of the work, if subsurface or latent physical conditions are encountered at the site differing materially from those indicated in the contract or if unknown physical conditions of an unusual nature, differing materially from those ordinarily encountered and generally recognized as inherent in the work provided for in the contract, are encountered at the site, the party discovering such conditions shall promptly notify the other party in writing of the specific differing conditions before the site is disturbed and before the affected work is performed.
- 2. Upon written notification, the engineer will investigate the conditions, and if it is determined that the conditions materially differ and cause an increase or decrease in the cost or time required for the performance of any work under the contract, an adjustment, excluding anticipated profits, will be made and the contract modified in writing accordingly. The engineer will notify the contractor of the determination whether or not an adjustment of the contract is warranted.
- 3. No contract adjustment which results in a benefit to the contractor will be allowed unless the contractor has provided the required written notice.
- 4. No contract adjustment will be allowed under this clause for any effects caused on unchanged work. (This provision may be omitted by the Local Agency, at their option.)

### b. Suspensions of Work Ordered by the Engineer

- 1. If the performance of all or any portion of the work is suspended or delayed by the engineer in writing for an unreasonable period of time (not originally anticipated, customary, or inherent to the construction industry) and the contractor believes that additional compensation and/or contract time is due as a result of such suspension or delay, the contractor shall submit to the engineer in writing a request for adjustment within seven (7) calendar days of receipt of the notice to resume work. The request shall set forth the reasons and support for such adjustment.
- 2. Upon receipt, the engineer will evaluate the contractor's request. If the engineer agrees that the cost and/or time required for the performance of the contract has increased as a result of such suspension and the suspension was caused by conditions beyond the control of and not the fault of the contractor, its suppliers, or subcontractors at any approved tier, and not caused by weather, the engineer will make an adjustment (excluding profit) and modify the contract in writing accordingly. The contractor will be notified of the engineer's determination whether or not an adjustment of the contract is warranted.

- *3.* No contract adjustment will be allowed unless the contractor has submitted the request for adjustment within the time prescribed.
- 4. No contract adjustment will be allowed under this clause to the extent that performance would have been suspended or delayed by any other cause, or for which an adjustment is provided or excluded under any other term or condition of this contract.

### c. Significant Changes in the Character of Work

- 1. The engineer reserves the right to make, in writing, at any time during the work, such changes in quantities and such alterations in the work as are necessary to satisfactorily complete the project. Such changes in quantities and alterations shall not invalidate the contract nor release the surety, and the contractor agrees to perform the work as altered.
- 2. If the alterations or changes in quantities significantly change the character of the work under the contract, whether such alterations or changes are in themselves significant changes to the character of the work or by affecting other work cause such other work to become significantly different in character, an adjustment, excluding anticipated profit, will be made to the contract. The basis for the adjustment shall be agreed upon prior to the performance of the work. If a basis cannot be agreed upon, then an adjustment will be made either for or against the contractor in such amount as the engineer may determine to be fair and equitable.
- 3. If the alterations or changes in quantities do not significantly change the character of the work to be performed under the contract, the altered work will be paid for as provided elsewhere in the contract.
- 4. The term "significant change" shall be construed to apply only to the following circumstances:
  - When the character of the work as altered differs materially in kind or nature from that involved or included in the original proposed construction; or
  - When a major item of work, as defined elsewhere in the contract, is increased in excess of one hundred twenty five percent (125%) or decreased below seventy five percent (75%) of the original contract quantity, any allowance for an increase in quantity shall apply only to that portion in excess of one hundred twenty five percent (125%) of the original contract item quantity, or in case of a decrease below seventy five percent (75%), to the actual amount of work performed.

# **SECTION 5 – CONTROL OF WORK**

### 5-1.01 SUBCONTRACTING:

Attention is directed to Section 5-1.13, "Subcontracting" of the Standard Specifications.

No subcontract releases the Contractor from the Contract or relieves the Contractor of their responsibility for a subcontractor's work.

If the Contractor violates California Public Contract Code Section 4100 et seq., the County of Monterey may exercise the remedies provided under Public Contract Code Section 4110 as may be amended from time to time. The County of Monterey may refer the violation to the Contractors State License Board as provided under Public Contract Code Section 4111 and as may be amended from time to time.

The Contractor shall perform work equaling at least thirty percent (30%) of the value of the original total bid with the Contactor's own employees and equipment, owned or rented, with or without operators.

### 5-1.02 DISADVANTAGE BUSINESS ENTERPRISES (DBE) RECORDS:

Attention is directed to the requirements specified in Section 5-1.13B(1), "General" of the Standard Specifications..

### 5-1.03 AREAS FOR CONTRACTOR'S USE:

Attention is directed to the requirements specified in Section 5-1.32, "Areas for Use," of the Standard Specifications and these Special Provisions.

The County 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 that are not necessary to perform the required work.

There are no County owned parcels adjacent to the right-of-way for the exclusive use of the Contractor within the Contract limits. The Contractor shall secure at his/her/its own expense any area required for plant sites, storage of equipment or materials, or for other purposes.

Use of the Contractor's work areas and other County owned property shall be at the Contractor's own risk, and the County shall not be held liable for any damage to or loss of materials or equipment located within such areas.

The Contractor shall obtain encroachment permits prior to occupying County owned parcels outside the Contract limits. The required encroachment permits may be obtained from the MONTEREY COUNTY RESOURCE MANAGEMENT PUBLIC WORKS, FACILITIES AND PARKS, 1441 SCHILLING PLACE, 2<sup>ND</sup> FLOOR, SALINAS, CALIFORNIA 93901-2438.

Residence trailers will not be allowed within the county right-of-way.

The Contractor shall remove all equipment, materials, and rubbish from the work areas and other County owned property, which he/she occupies and shall leave the areas in a presentable condition, in accordance with the provisions in Section 4-1.13, "Clean Up," of the Standard Specifications.

The Contractor shall secure at his/her/its own expense any area required for plant sites, storage of equipment or materials, or for other purposes if sufficient area is not available to him/her/it within the Contract limits.

### SECTION 6 - CONTROL OF MATERIALS

### 6-1.01 GENERAL:

Attention is directed to Section 6, "Control of Materials," of the Standard Specifications and these Special Provisions.

All materials required to complete the work under this Contract shall be furnished by the Contractor, except as noted on the Plans.

### 6-1.02 BUY AMERICA:

Furnish steel and iron materials to be incorporated into the work with certificates of compliance and certified mill test reports. Mill test reports must indicate where the steel and iron were melted and manufactured. Steel and iron materials must be produced in the U.S. except:

- Foreign pig iron and processed, pelletized, and reduced iron ore may be used in the domestic production of the steel and iron materials [60 Fed Reg 15478 (03/24/1995)];
- 2. If the total combined cost of the materials does not exceed the greater of 0.1 percent of the total bid or \$2,500, materials produced outside the U.S. may be used.

Production includes:

- 1. Processing steel and iron materials, including smelting or other processes that alter the physical form or shape (such as rolling, extruding, machining, bending, grinding, and drilling) or chemical composition;
- 2. Coating application, including epoxy coating, galvanizing, and painting, that protects or enhances the value of steel and iron materials.

Attention is directed to Section 6-1.04, "Buy America," of the Standard Specifications and these Special Provisions.

### 6-1.03 RELATIVE COMPACTION:

Wherever relative compaction is specified to be determined by Test Method No. California 216 or Test Method No. California 231 the relative compaction will be determined by Test Method No. California 231.

### 6-1.04 AUTHORIZED MATERIAL LIST:

The Department maintains a list of Authorized Materials List. The Engineer shall not be precluded from sampling and testing products on the list of Authorized Materials List.

The manufacturer of products on the list of Authorized Materials List shall furnish the Engineer a Certificate of Compliance in conformance with the provisions in Section 6-2.03C, "Certificates of Compliance," of the Standard Specifications for each type of product supplied.

For those categories of materials included on the list of Authorized Materials List, only those products shown within the listing may be used in the work. Other categories of products, not included on the list of Authorized Materials List, may be used in the work provided they conform to the requirements of the Standard Specifications and as approved by the engineer.

For the Authorized Material Lists, go to: <u>http://www.dot.ca.gov/aml/</u>

### 6-1.05 QUALITY ASSURANCE :

The Agency uses a Quality Assurance Program (QAP) to ensure a material is produced to comply with the Contract.

You may examine the records and reports of tests the Agency performs if they are available at the job site.

Schedule work to allow time for QAP.

### SECTION 7-LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC

### 7-1.01 LABOR NON DISCRIMINATION:

Attention is directed to the following Notice that is required by Chapter 5 of Division 4 of Title 2, California Code of Regulations.

### NOTICE OF REQUIREMENT FOR NONDISCRIMINATION PROGRAM (CALIFORNIA GOVERNMENT CODE, SECTION 12990)

Your attention is called to the "Nondiscrimination Clause", set forth in Section 7-1.02I(2), "Nondiscrimination," of the Standard Specifications, which is applicable to all nonexempt state Contracts and subcontracts, and to the "Standard California Nondiscrimination Construction Contract Specifications" set forth therein. The Specifications are applicable to all nonexempt state construction Contracts and subcontracts of \$5,000 or more.

### 7-1.02 LABOR CODE REQUIREMENT:

Attention is directed to Section 7-1.02K(5), "Working Hours," of the Standard Specifications.

### 7-1.03 GENERAL PREVAILING WAGE RATES:

Attention is directed to Section 7-1.02K(2), "Wages," of the Standard Specifications.

The general prevailing wage rates determined by the Director of Industrial Relations, for the County or Counties in which the work is to be done, are available on the Internet at: <u>http://www.dir.ca.gov/dlsr/pwd/</u>. These wage rates are not included in the Bid book for the project. Changes, if any, to the general prevailing wage rates will be available at the same location.

The general prevailing rates of per diem, holiday, and overtime wages for each craft, classification, or type of worker needed to execute the Contract are determined in accordance with Section 1770, et. seq., of the California Labor Code; and the Contractor shall comply with all applicable sections thereof.

The Contractor shall post the prevailing wage rates at the job site or as directed by the Engineer.

For Federal minimum wage rates see the website http://www.dot.ca.gov/hq/esc/oe/federal-wages/.

If there is a difference between the minimum wage rates predetermined by the Secretary of Labor and the general prevailing wage rates determined by the Director of the California Department of Industrial Relations for similar classifications of labor, the Contractor and subcontractors shall pay not less than the higher wage rate. The Department will not accept lower State wage rates not specifically included in the Federal minimum wage determinations. This includes "helper" (or other classifications based on hours of experience) or any other classification not appearing in the Federal wage determinations. Where Federal wage determinations do not contain the State wage rate determination otherwise available for use by the Contractor and subcontractors, the Contractor and subcontractors shall pay not less than the Federal minimum wage rate, which most closely approximates the duties of the employees in question.

### 7-1.04 PAYROLL RECORDS:

The Contractor's attention is directed to Section 7- 1.02K(3), "Certified Payroll Records (California Labor Code 1776)," of the Standard Specifications, and to the provisions of Labor Code, Section 1776 (Stats. 1978, Chapter 1249). The Contractor shall be responsible for the compliance with these provisions by his/her/its Subcontractors. The Contractor shall furnish the Engineer with certified payrolls and statement of benefits.

### 7-1.05 SURFACE MINING AND RECLAMATION ACT:

Attention is directed to the Surface Mining and Reclamation Act of 1975, commencing in California Public Resources Code, Mining and Geology, Section 2710, which establishes regulations pertinent to surface mining operations.

Material from mining operations furnished for this project shall only come from permitted sites in compliance with the Surface Mining and Reclamation Act of 1975.

The requirements of this section shall apply to all materials furnished for the project, except for acquisition of materials in conformance with Section 4-1.04, "Use of Materials Found on the Job Site," of the Standard Specifications.

### 7-1.06 PUBLIC SAFETY:

The Contractor shall provide for the safety of traffic and the public in conformance with the provisions in Section 7-1.04, "Public Safety," and Section 7-1.03, "Public Convenience" of the Standard Specifications and these Special Provisions.

### 7-1.07 INDEMNIFICATION AND INSURANCE:

Attention is directed to Section 7-1.05, "Indemnification" and Section 7-1.06 "Insurance," of the Standard Specifications and these Special Provisions.

In addition to all the requirements in Section 7-1.06D(2) "Liability Limits/Additional Insured," of the Standard Specifications, the following additional requirements shall be met. An Additional Insured Endorsement to the Contractor's Liability insurance policy naming the County of Monterey, their officers, agents, and employees as additional insured's in the form approved by the County of Monterey shall also be furnished. A copy of the approved endorsement form may be obtained from the County of Monterey at the address to obtain bid packages as shown in the Notice to Bidders. The insurance afforded to the additional insured is primary insurance and if the additional insured has other insurance that might be applicable to any loss, the amount of this insurance shall not be reduced or prorated due to the existence of such other insurance.

The Contractor's insurer agrees to waive subrogation claims against the County of Monterey, their officers, agents, and employees.

Evidence of insurance (Contractual Liability insurance and Additional Insured Endorsement) in compliance with the requirements herein shall be furnished to the County of Monterey by the Contractor with the Certificate of Insurance in the form as approved by the County of Monterey. A copy of the approved certificate form may be obtained from the County of Monterey at the address to obtain bid packages as shown in the Notice to Bidders. Certificates of insurance shall, without any qualification thereto, contain the following statement:

Should any of the described policies be canceled, modified, or reduced in limits before the expiration date thereof, the issuing company will mail thirty days advance written notice to the named certificate holders.

The insurance shall be issued by a company or companies authorized to transact business in the State of California and shall have a rating of at least A- VII in accordance with the current Best's rating.

Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve the Contractor for liability in excess of such coverage, nor shall it preclude the State of California or County of Monterey from taking such other actions as are available to them under any other provision of this Contract (except retainage of money due to the Contractor) or otherwise in law.

Nothing in the Contract is intended to create the public or any member thereof a third party beneficiary hereunder, nor is any term and condition or other provision of the Contract intended to establish a standard of care owed to the public or any member thereof.

Prior to the execution of this Agreement by the County, Contractor shall file certificates of insurance with the County Administrative Office Contracts/Purchasing Division and with the County Resource Management Agency, Chief of Public Works, showing that the Contractor has in effect the insurance required by this Agreement. The Contractor shall file a new or amended certificate of insurance promptly after any change is made in any insurance policy that would alter the information of the certificate then on file. Acceptance or approval of insurance shall in no way modify or change the indemnification clause in this Agreement, which shall continue in full force and effect.

### 7-1.08 WORKERS' COMPENSATION AND EMPLOYER'S LIABILITY INSURANCE:

Attention is directed to Section 7-1.06C, "Workers' Compensation and Employer's Liability Insurance," of the Standard Specifications.

# 7-1.09 FORM FHWA -1273 REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONTRACTS:

"Section VI. Subletting or Assigning the Contract" does not apply since this project is off the National Highway System (NHS).

#### REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS

- . General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects IX. Implementation of Clean Air Act and Federal Water
- Pollution Control Act X. Compliance with Governmentwide Suspension and
- Debarment Requirements XI. Certification Regarding Use of Contract Funds for
- ATTACHMENTS

Lobbying

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

#### I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid designbuild contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

#### II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under

this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

 b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-thejob training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

 Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means. 4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

 b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

#### 6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are

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applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

#### 9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

 The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

#### 10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

 The number and work hours of minority and nonminority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on Form FHWA-1391. The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor

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will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

#### III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

#### IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-ofway of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

#### 1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions

of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b.(1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or

will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

#### 2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federallyassisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

#### 3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-

Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainees, and the ratios and wage rates prescribed in the applicable programs.

b.(1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee ( e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at http://www.dol.gov/esa/whd/forms/wh347instr.htm or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under 5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under 5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

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(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH–347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

#### 4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

#### b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

#### 10. Certification of eligibility.

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

#### V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours workweek in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages. The FHWA or the contacting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

#### VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

 the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;

(2) the prime contractor remains responsible for the quality of the work of the leased employees;

(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

#### VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

#### VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federalaid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

# IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.

2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

#### X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

#### 1. Instructions for Certification - First Tier Participants:

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<u>https://www.epls.gov/</u>), which is compiled by the General Services Administration.

 Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause.
 The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

\* \* \* \* \*

#### 2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

 Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

#### 2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<u>https://www.epls.gov/</u>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the

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department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

\* \* \* \* \*

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

\* \* \* \* \*

#### XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

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

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

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

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# 7-1.10 FEMALE AND MINORITY GOALS:

To comply with Section II, "Nondiscrimination," of "Required Contract Provisions Federal-Aid Construction Contracts," the following are for female and minority utilization goals for Federal-aid construction Contracts and subcontracts that exceed \$10,000:

The nationwide goal for female utilization is 6.9 percent.

The goals for minority utilization [45 Fed Reg 65984 (10/3/1980)] are as follows:

# MINORITY UTILIZATION GOALS

	Economic Area	Goal (Percent)
174	Redding CA: Non-SMSA (Standard Metropolitan Statistical Area) Counties: CA Lassen; CA Modoc; CA Plumas; CA Shasta; CA Siskiyou; CA Tehama	6.8
175	Eureka, CA Non-SMSA Counties: CA Del Norte; CA Humboldt; CA Trinity	6.6
176	San Francisco-Oakland-San Jose, CA: SMSA Counties: 7120 Salinas-Seaside-Monterey, CA CA Monterey 7360 San Francisco-Oakland CA Alameda; CA Contra Costa; CA Marin; CA San Francisco; CA San Mateo 7400 San Jose, CA CA Santa Clara, CA 7485 Santa Cruz, CA CA Santa Cruz 7500 Santa Rosa CA Sonoma 8720 Vallejo-Fairfield-Napa, CA CA Napa; CA Solano Non-SMSA Counties:	28.9 25.6 19.6 14.9 9.1 17.1
177	CA Lake; CA Mendocino; CA San Benito Sacramento, CA: SMSA Counties: 6920 Sacramento, CA CA Placer; CA Sacramento; CA Yolo Non-SMSA Counties CA Butte; CA Colusa; CA El Dorado; CA Glenn; CA Nevada; CA Sierra; CA Sutter; CA Yuba	23.2 16.1 14.3

	Stockton-Modesto, CA: SMSA Counties:	
178	5170 Modesto, CA	12.3
	CA Stanislaus 8120 Stockton, CA	24.3
	CA San Joaquin	

	Non-SMSA Counties	19.8
	CA Alpine; CA Amador; CA Calaveras; CA Mariposa; CA Merced; CA	
	Fresno-Bakersfield, CA	
	SMSA Counties:	
	0680 Bakersfield, CA	19.1
179	CA Kern	
1/9	2840 Fresno, CA	26.1
	CA Fresno	
	Non-SMSA Counties:	23.6
	CA Kings; CA Madera; CA Tulare	
	Los Angeles, CA:	
	SMSA Counties:	
	0360 Anaheim-Santa Ana-Garden Grove, CA	11.9
	CA Orange	
	4480 Los Angeles-Long Beach, CA	28.3
	CA Los Angeles	
180	6000 Oxnard-Simi Valley-Ventura, CA	21.5
100	CA Ventura	
	6780 Riverside-San Bernardino-Ontario, CA	19.0
	CA Riverside; CA San Bernardino	
	7480 Santa Barbara-Santa Maria-Lompoc, CA	19.7
	CA Santa Barbara	
	Non-SMSA Counties	24.6
	CA Inyo; CA Mono; CA San Luis Obispo	
	San Diego, CA:	
	SMSA Counties	
181	7320 San Diego, CA	16.9
101	CA San Diego	
	Non-SMSA Counties	18.2
	CA Imperial	

For each July during which work is performed under the Contract, you and each non material-supplier subcontractor with a subcontract of \$10,000 or more must complete Form FHWA PR-1391 (Appendix C to 23 CFR 230). Submit the forms by August 15.

# 7-1.11 FEDERAL TRAINEE PROGRAM:

For the Federal training program, the number of trainees or apprentices is  $\underline{0}$ .

This section applies if a number of trainees or apprentices is specified in the Special Provisions.

As part of your equal opportunity affirmative action program, provide on-the-job training to develop full journeymen in the types of trades or job classifications involved.

You have primary responsibility for meeting this training requirement.

If you subcontract a Contract part, determine how many trainees or apprentices are to be trained by the subcontractor.

Include these training requirements in your subcontract.

Where feasible, twenty five percent (25%) of apprentices or trainees in each occupation must

be in their first year of apprenticeship or training.

Distribute the number of apprentices or trainees among the work classifications on the basis of your needs and the availability of journeymen in the various classifications within a reasonable recruitment area.

Before starting work, submit to the County of <u>MONTEREY</u>:

- 1. Number of apprentices or trainees to be trained for each classification
- 2. Training program to be used
- 3. Training starting date for each classification

Obtain the County of <u>MONTEREY</u> approval for this submitted information before you start work. The County of <u>MONTEREY</u> credits you for each apprentice or trainee you employ on the work who is currently enrolled or becomes enrolled in an approved program.

The primary objective of this section is to train and upgrade minorities and women toward journeymen status. Make every effort to enroll minority and women apprentices or trainees, such as conducting systematic and direct recruitment through public and private sources likely to yield minority and women apprentices or trainees, to the extent they are available within a reasonable recruitment area. Show that you have made the efforts. In making these efforts, do not discriminate against any applicant for training.

Do not employ as an apprentice or trainee an employee:

- 1. In any classification in which the employee has successfully completed a training course leading to journeyman status or in which the employee has been employed as a journeyman.
- 2. Who is not registered in a program approved by the US Department of Labor, Bureau of Apprenticeship and Training.

Ask the employee if the employee has successfully completed a training course leading to journeyman status or has been employed as a journeyman. Your records must show the employee's answers to the questions.

In your training program, establish the minimum length and training type for each classification. The County of <u>MONTEREY</u> and the Federal Highway Administration (FHWA) approves a program if one of the following is met:

- 1. It is calculated to:
  - Meet equal employment opportunity responsibilities.
  - Qualify the average apprentice or trainee for journeyman status in the classification involved by the end of the training period.
- 2. It is registered with the United States Department of Labor, Bureau of Apprenticeship and Training, and it is administered in a way consistent with the equal employment responsibilities of Federal-aid highway construction Contracts.

Obtain the State's approval for your training program before you start work involving the classification covered by the program.

Provide training in the construction crafts, not in clerk-typist or secretarial-type positions. Training is allowed in lower level management positions such as office engineers, estimators, and timekeepers if the training is oriented toward construction applications. Training is allowed in the laborer classification if significant and meaningful training is provided and approved by the division office. Off-site training is allowed if the training is an integral part of an approved training program and does not make up a significant part of the overall training.

The County of <u>MONTEREY</u> reimburses you eighty cents per hour of training given an employee on this Contract under an approved training program:

- 1. For on-site training.
- 2. For off-site training if the apprentice or trainee is currently employed on a Federal-aid project and you do at least one of the following:
  - Contribute to the cost of the training
  - Provide the instruction to the apprentice or trainee
  - Pay the apprentice's or trainee's wages during the off-site training period
- 3. If you comply with this section.

Each apprentice or trainee must:

- 1. Begin training on the project as soon as feasible after the start of work involving the apprentice's or trainee's skill.
- 2. Remain on the project as long as training opportunities exist in the apprentice's or trainee's work classification or until the apprentice or trainee has completed the training program.

Furnish the apprentice or trainee with:

- 1. Copy of the program you will comply with in providing the training.
- 2. Certification showing the type and length of training satisfactorily completed.

# 7-1.12 TITLE VI ASSURANCES

During the performance of this Agreement, the Contractor, for itself, its assignees and successors in interest (hereinafter collectively referred to as Contractor) agrees as follows:

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

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

(3) <u>Solicitations for Sub-agreements, Including Procurements of Materials and Equipment</u>: In all solicitations either by competitive bidding or negotiation made by CONTRACTOR for work to be performed under a Sub-agreement, including procurements of materials or leases of equipment, each potential sub-applicant or supplier shall be notified by CONTRACTOR of the CONTRACTOR'S obligations under this Agreement and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin.

(4) <u>Information and Reports</u>: CONTRACTOR shall provide all information and reports required PEDESTRIAN CROSSWALK ENHANCEMENTS CASTROVILLE BLVD & RIO RD PROJECT NO. 1148, HSIPL-5944(132) by the Regulations, or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the California Department of Transportation or FHWA to be pertinent to ascertain compliance with such Regulations or directives. Where any information required of CONTRACTOR is in the exclusive possession of another who fails or refuses to furnish this information, CONTRACTOR shall so certify to the California Department of Transportation, and/or the FHWA as appropriate, and shall set forth what efforts CONTRACTOR has made to obtain the information.

(5) <u>Sanctions for Noncompliance</u>: In the event of CONTRACTOR's noncompliance with the nondiscrimination provisions of this Agreement, the California Department of Transportation shall impose such Agreement sanctions as it or the FHWA may determine to be appropriate, including, but not limited to:

- (a) withholding of payments to CONTRACTOR under the Agreement within a reasonable period of time, not to exceed 90 days; and/or
- (b) cancellation, termination or suspension of the Agreement, in whole or in part.

(6) <u>Incorporation of Provisions</u>: CONTRACTOR shall include the provisions of paragraphs (1) through (6) in every sub-agreement, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto.

CONTRACTOR shall take such action with respect to any sub-agreement or procurement as the California Department of Transportation or FHWA may direct as a means of enforcing such provisions including sanctions for noncompliance, provided, however, that, in the event CONTRACTOR becomes involved in, or is threatened with, litigation with a sub-applicant or supplier as a result of such direction, CONTRACTOR may request the California Department of Transportation enter into such litigation to protect the interests of the State, and, in addition, CONTRACTOR may request the United States to enter into such litigation to protect the interests of the United States.

# 7-1.13 USE OF UNITED STATES-FLAG VESSELS

The CONTRACTOR agrees -

- 1. To utilize privately owned United States-flag commercial vessels to ship at least fifty percent (50%) of the gross tonnage (computed separately for dry bulk carries, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this Contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels.
- 2. To furnish within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated "on board" commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (1) of this section to both the Contracting Officer (through the prime Contractor in the case of subcontractor bills-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20690.
- 3. To insert the substance of the provisions of this clause in all subcontracts issued pursuant to this Contract.

# MAINTAIN RECORDS AND SUBMIT REPORTS DOCUMENTING YOUR PERFORMANCE UNDER THIS SECTION

# **SECTION 8 - PROSECUTION AND PROGRESS**

#### 8-1.01 BEGINNING OF WORK, TIME OF COMPLETION AND LIQUIDATED DAMAGES:

The Contractor shall begin work within 15 calendar days of the issuance of the Notice to Proceed by the County of Monterey.

This work shall be diligently prosecuted to completion before the expiration of **NINETY (90) WORKING DAYS** beginning on the fifteenth calendar day after the date shown on the Notice to Proceed.

The Contractor shall pay to the County of Monterey the sum of **\$1,000 per day**, for each and every calendar day delay in finishing the work in excess of the number of working days prescribed above.

The Contractor may initiate a "Request for a Suspension of Working Days" for a period of time, or to a specified date agreed to by the Contractor and the Engineer, for the purpose of preparing shop drawings, and to procure materials. No on-site work will occur during the period of suspension of working days. Working Days on site shall resume after the expiration of the Suspension of Working Days.

Attention is directed to the provisions in Section 8-1.04, "Start of Job Site Activities;" in Section 8-1.05 "Time", and in Section 8-1.10, "Liquidated Damages;" of the Standard Specifications and these Special Provisions.

#### 8-1.02 PRE-CONSTRUCTION CONFERENCE:

In lieu of Section 8-1.03, "Preconstruction Conference," of the Standard Specifications, insert the following:

A pre-construction conference will be held at the office of the MONTEREY COUNTY RESOURCE MANAGEMENT AGENCY, 1441 SCHILLING PLACE, SOUTH 2<sup>ND</sup> FL, SALINAS, CALIFORNIA where the Notice to Proceed will be issued and for the purpose of discussing with the Contractor the scope of work, Contract drawings, Specifications, existing conditions, materials to be ordered, equipment to be used, and all essential matters pertaining to the prosecution of and the satisfactory completion of the project as required. The Contractor's representatives at this conference shall include all major superintendents for the work and may include major subcontractors.

#### 8-1.03 SCHEDULE:

Comply with Section 8-1.02(C), "Level 2 Critical Path Method Schedule," of the Standard Specifications, unless otherwise authorized in writing by the Engineer.

The schedule software must be Microsoft Project 2010.

Full compensation for submitting the required schedules shall be considered as included in the Contract prices paid for the various items of work involved, and no additional compensation shall be allowed therefor.

# **SECTION 9 – PAYMENT**

### 9-1.01 PROMPT PAYMENT OF FUNDS WITHHELD TO SUBCONTRACTORS:

No retainage will be held by the agency from progress payments due the prime Contractor. A prime Contractor or subcontractor shall pay any subcontractor not later than seven (7) days of receipt of each progress payment in accordance with the provision in Section 7108.5 of the California Business and Professions Code concerning prompt payment to subcontractors. The seven (7) days is applicable unless a longer period is agreed to in writing. Federal law (49CFR26.29) requires that any delay or postponement of payment over the thirty (30) days may take place only for good cause and with the agency's prior written approval. Any violation of this provision shall subject the violating prime 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 contractor in the event of a dispute involving late payment or nonpayment by the prime Contractor, deficient subcontract performance, or noncompliance by a subcontractor.

This provision applies to both DBE and non-DBE subcontractors.

Attention is directed to the provisions in Sections 10262 and 10262.5 of the Public Contract Code and Section 7108.5 of the Business and Professions Code concerning prompt payment to subcontractors.

#### 9-1.02 PROGRESS PAYMENTS AND PAYMENTS AFTER CONTRACT ACCEPTANCE:

Attention is directed to Section 9-1.16, "Progress Payments," and 9-1.17 "Payment After Contract Acceptance," of the Standard Specifications and these Special Provisions.

In lieu of Section 9-1.16C, "Materials On Hand," of the Standard Specifications, the following shall be inserted:

No progress payment will be made for any materials on hand which are furnished but not incorporated in the work.

In lieu of Section 9-1.16F, "Retentions," of the Standard Specifications, the following shall be inserted:

Progress payment shall not be made in excess of ninety five percent (95%) of the actual work completed. County shall withhold five percent (5%) from progress payment until final completion and acceptance of the project by the Board of Supervisors.

#### 9-1.03 ARBITRATION:

Section 9-1.22, "Arbitration," as defined in the Standard Specifications, is deleted from this Contract. In lieu of arbitration, the following shall apply (from the Public Contract Code):

A. Application of article; inclusion of article in plans and specifications (Public Contract Code Section 20104):

- 1a. This article applies to all public works and facilities claims of three hundred seventyfive thousand dollars (\$375,000) or less which arise between a Contractor and the County of Monterey.
- 1b. This article shall not apply to any claims resulting from a Contract between the Contractor and the County of Monterey when the public agency has elected to resolve any disputes pursuant to Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2, of the Public Contract Code).
- 2a. "Public Work" has the same meaning as in Section 1101 of the Public Contract Code but does not include any work or improvement contracted for by the state or the Regents of the University of California.
- 2b. "Claim" means a separate demand by the Contractor for (A) a time extension, (B) payment of money or damages arising from work done by or on behalf of the Contractor pursuant to the Contract for a public work and payment of which is not otherwise expressly provided for or the claimant is not otherwise entitled to, or (C) an amount the payment of which is disputed by the local agency.
- 3. The provisions of this article or a summary thereof shall be set forth in the plans or specifications for any work, which may give, rise to a claim under this article.
- 4. This article applies only to Contracts entered into on or after January 1, 1991.
- B. Claims; requirements (California Public Contract Code Section 20104.2):

For any claim subject to this article, the following requirements apply:

- 1. The claim shall be in writing and include the documents necessary to substantiate the claim. Claims must be filed on or before the date of final payment. Nothing in this subdivision is intended to extend the time limit or supersede notice requirements otherwise provided by contract for the filing of claims.
- 2a. For Claims of less than fifty thousand dollars (\$50,000), the local agency shall respond in writing to any written claim within 45 days of receipt of the claim, or may request, in writing, within 30 days of receipt of the claim, any additional documentation supporting the claim or relating to defenses or claims the local agency may have against the claimant.
- 2b. If additional information is thereafter required, it shall be requested and provided pursuant to this subdivision, upon mutual agreement of the local agency and the claimant.
- 2c. The local agency's written response to the claim, as further documented, shall be submitted to the claimant within 15 days after receipt of the further documentation or within a period of time no greater than that taken by the claimant in producing the additional information, whichever is greater.
- 3a. For claims of over fifty thousand dollars (\$50,000) and less than or equal to three hundred seventy-five thousand dollars (\$375,000), the local agency shall respond in

writing to all written claims within 60 days of receipt of the claim, or may request, in writing, within 30 days of receipt of the claim, any additional documentation supporting the claim or relating to defenses or claims the local agency may have against the claimant.

- 3b. If additional information is thereafter required, it shall be requested and provided pursuant to this subdivision, upon mutual agreement of the local agency and the claimant.
- 3c. The local agency's written response to the claim, as further documented, shall be submitted to the claimant within 30 days after receipt of the further documentation, or within a period of time no greater than that taken by the claimant in producing the additional information or requested documentation, whichever is greater.
- 4. If the claimant disputes the local agency's written response, or the local agency fails to respond within the time prescribed, the claimant may so notify the local agency, in writing, either within 15 days of receipt of the local agency's response or within 15 days of the local agency's failure to respond within the time prescribed, respectively, and demand an informal conference to meet and confer for settlement of the issues in dispute. Upon a demand, the local agency shall schedule a meet and confer conference within 30 days for settlement of the dispute.
- 5. If following the meet and confer conference the claim or any portion remains in dispute, the claimant may file a claim pursuant to Chapter 1 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.6 of Title 1 of the Government Code. For purposes of those provisions, the running of the period of time within which a claim must be filed shall be tolled from the time the claimant submits his or her written claim pursuant to Section 915(a) of the Government Code until the time the claim is denied, including any period of time utilized by the meet and confer conference.
- C. Procedures for civil actions filed to resolve claims (Public Contract Code Section 20104.4): The following procedures are established for all civil actions filed to resolve claims subject to this article:
  - 1. Within 60 days, but no earlier than 30 days, following the filing or responsive pleadings, the court shall submit the matter to nonbinding mediation unless waived by mutual stipulation of both parties. The mediation process shall provide for the selection within 15 days by both parties of a disinterested third person as mediator, shall be commenced within 30 days of the submittal, and shall be concluded within 15 days from the commencement of the mediation unless a time requirement is extended upon a good cause showing to the court.
  - 2a. If the matter remains in dispute, the case shall be submitted to judicial arbitration pursuant to Chapter 2.5 (commencing with Section 1142.10) Title 3 of Part 3 of the Code of Civil Procedure, notwithstanding Section 1142.11 of that code. The Civil Discovery Act of 1986 Article 3 (commencing with Section 2016) of Chapter 3 of Title 3 of Part 4 of the Code of Civil Procedure) shall apply to any proceeding bought under this subdivision consistent with the rules pertaining to judicial arbitration.

- 2b. In addition to Chapter 2.5 (commencing with Section 1142.10) of Title 3 of Part 3 of the Code of Civil Procedure, (A) arbitrators shall, when possible, be experienced in construction law, and (B) any party appealing an arbitration award who does not obtain a more favorable judgment shall, in addition to payment of costs and fees under that chapter, also pay the attorney's fees on appeal of the other party.
- D. Payment by local agency of undisputed portion of claim; interest on arbitration award or judgment (Public Contract Code Section 2104.6):
  - 1. The County of Monterey shall not fail to pay money as to any portion of a claim that is undisputed except as otherwise provided in the Contract.
  - 2. In any suit filed under Public Contract Code Section 20104.4, Monterey County shall pay interest at the legal rate on any judgment. The interest shall begin to accrue the date the suit is filed in a court of law.

# **SECTION 10 – GENERAL**

### 10-1.01 WORK SEQUENCING:

Attention is directed to "Water Pollution Control" of these Special Provisions regarding the submittal and approval of the Storm Water Pollution Prevention Plan prior to performing work having potential to cause water pollution.

Attention is directed to "Maintaining Traffic" and "Temporary Pavement Delineation" of these Special Provisions.

The Contractor shall perform clearing and grubbing activities in conformance with these special provisions prior to grading slopes, placing fabric, aggregate base, rock slope protection and concrete barrier construction.

Prior to the start of excavation for the concrete barriers, the contractor shall have an approved concrete mix submittal, and a certified asphalt concrete plant and an approved mix design for the hot mix asphalt concrete paving.

At the end of each working day if a difference in excess of 0.15 of a foot exists between the elevation of the existing pavement and the elevation of an excavation within eight (8) feet of the traveled way, place and compact material against the vertical cut adjacent to the traveled way. During the excavation operation, you may use native material for this purpose except once the placing of the structural section starts, structural material must be used. Place the material up to the top of the existing pavement and taper at a slope of 4:1 (horizontal: vertical) or flatter to the bottom of the excavation. Do not use treated base for the taper.

Prior to applying hot mix asphalt (type A), slurry seal and tack coat, the Contractor shall cover all manholes, valve and monument covers, grates, or other exposed facilities located within the area of application, using a plastic or oil resistant construction paper secured to the facility being covered by tape or adhesive. The covered facilities shall be referenced by the Contractor, with enough control points to relocate the facilities after the hot mix asphalt (type A) and tack coat have been placed. After completion of hot mix asphalt (type A) and tack coat operation, all covers shall be removed and disposed of in a manner satisfactory to the Engineer. Full compensation for covering manholes, valve and monument covers, grates, or other exposed facilities, referencing, and removing temporary cover shall be considered as included in the contract price paid per ton for the item of work involved, and no additional compensation will be allowed therefor.

Clean the pavement and ensure it is free of dust, mud, dirt, debris, or extraneous material IMMEDIATELY before applying slurry seal, tack coat, hot mix asphalt, and striping. Cleaning the pavement and maintaining it clean prior to these activities is included in the contract price paid for the various contract items of work.

# SECTION 12 TEMPORARY TRAFFIC CONTROL

# 12-1.01 TRAFFIC CONTROL PLAN:

The Contractor shall submit a "Traffic Control Plan" a minimum of ten (10) days prior to the start of work to determine the Contractor's plan for the safe handling of traffic during work activities. The Contractor and the Engineer will meet to review, discuss, and obtain concurrence of the plan prior to approval by the Engineer. The Engineer will submit approval with revisions to the "Traffic Control Plan" to the Contractor after submittal review and acceptance of the plan. PEDESTRIAN CROSSWALK ENHANCEMENTS CASTROVILLE BLVD & RIO RD

# 12-1.02 FLAGGING COSTS:

Replace Section 12-1.04, "Payment," of the Standard Specifications with the following:

The cost of furnishing all flaggers, including transporting flaggers, to provide for passage of public traffic through the work under provisions in Sections 7-1.03, "Public Convenience,"

and 7-1.04, "Public Safety," of the Standard Specifications and for providing stands or towers for use of flaggers shall be considered included in the prices paid for the various Contract items of work and no additional compensation will be allowed therefor.

### 12-1.03 PORTABLE CHANGEABLE MESSAGE SIGN:

Add to Section 12-32A General:

Portable changeable message signs shall be furnished, placed, operated, and maintained at locations designated by the Engineer on Castroville Boulevard and on Rio Road a minimum of seven (7) days prior to doing any work that may affect pedestrians, bicyclists, or bicycles. Moreover, these portable changeable message signs shall conform to the provisions in Section 12-3, "Temporary Traffic Control Devices," of the Standard Specifications and these Special Provisions. Also, Messages displayed on the portable changeable message signs shall conform to Section 12-3.32 "Portable Changeable Message Signs," of the Standard Specifications and Section 12-4, "Maintaining Traffic," of these Special Provisions." Message shall be as approved by the Engineer.

The portable changeable message signs shall remain in place on Castroville Boulevard until the Rectangular Rapid Flashing Beacons (RRFB) signal is in operation is in operation. The portable changeable message signs shall remain in place on Rio Road until the Rectangular Rapid Flashing Beacons (RRFB) signal is in operation.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in furnishing, placing, operating, maintaining, repairing, transporting from location to location, if needed, and removing the portable changeable message sign as specified in the Standard Specifications and these special provisions, and as directed by the Engineer shall be considered as included in the Contract lump sum price paid for traffic control system for each location.

Start displaying the message on the portable changeable message sign 30 minutes before closing the lane.

Place the portable changeable message sign in advance of the first warning sign for each:

- 1. Stationary lane closure
- 2. Connector closure
- 3. Shoulder closure
- 4. Speed reduction zone

A portable changeable message sign shall be placed during speed zone reductions. When used in conjunction with a lane closure, use one (1) portable changeable message sign, with both the speed zone reduction and the lane closure messages.

Seven (7) calendar days prior to the start of work, portable changeable message signs shall be placed at minimum, at both the begin and end limits of the construction, warning the public of

expected delays due to construction activities, as directed by the Engineer.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in furnishing, placing, operating, maintaining, repairing, transporting from location to location and removing the portable changeable message sign, as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer shall be considered as included in the Contract lump sum price paid for the "Traffic Control System".

# 12-1.04 IMPACT ATTENUATOR VEHICLE:

Replace Section 12-3.23, "Impact Attenuator Vehicles," of the Standard Specifications with:

# SUMMARY

This section includes specifications for protecting traffic and workers with an impact attenuator vehicle during moving lane closures and when placing and removing components of stationary lane closures, ramp closures, shoulder closures, or a combination.

Impact attenuator vehicles must comply with the following test levels under National Cooperative Highway Research Program 350:

- 1. Test level 3 if the preconstruction posted speed limit is 50 mph or more.
- 2. Test levels 2 or 3 if the preconstruction posted speed limit is 45 mph or less.

Comply with the attenuator manufacturer's instructions for:

- 1. Support truck
- 2. Trailer-mounted operation
- 3. Truck-mounted operation

Flashing arrow signs must comply with Section 12-3.30, "Flashing Arrow Signs," of the Standard Specifications. You may use a portable changeable message sign instead of a flashing arrow sign. If a portable changeable message sign is used as a flashing arrow sign, it must comply with section 6F.56 "Arrow Panels" of the *California MUTCD*.

#### DEFINITIONS

Impact attenuator vehicle: A support truck that is towing a deployed attenuator mounted to a trailer or a support truck with a deployed attenuator that is mounted to the support truck.

#### SUMBMITTALS

Upon request, submit a certificate of compliance for each attenuator used on the Project.

# QUALITY CONTROL and ASSURANCE

Do not start impact attenuator vehicle activities until authorized.

Before starting impact attenuator vehicle activities, conduct a preinstallation meeting with the PEDESTRIAN CROSSWALK ENHANCEMENTS CASTROVILLE BLVD & RIO RD PROJECT NO. 1148, HSIPL-5944(132)

Engineer, subcontractors, and other parties involved with traffic control to discuss the operation of the impact attenuator vehicle during moving lane closures and when placing and removing components of stationary traffic control systems.

Schedule the location, time, and date for the preinstallation meeting with all participants. Furnish the facility for the preinstallation meeting within five (5) miles of the job site or at another location if authorized.

# MATERIALS

Attenuators must be a brand on the Authorized Material List for highway safety features.

The combined weight of the support truck and the attenuator must be at least 19,800 pounds, except the weight of the support truck must not be less than 16,100 or greater than 26,400 pounds.

For the Trinity MPS-350 truck–mounted attenuator, the support truck must not have a fuel tank mounted underneath within 10'-6" of the rear of the support truck.

Each impact attenuator vehicle must have:

- 1. Legal brake lights, taillights, sidelights, and turn signals
- 2. Inverted "V" chevron pattern placed across the entire rear of the attenuator composed of alternating 4-inch wide nonreflective black stripes and 4-inch wide yellow retroreflective stripes sloping at 45 degrees
- 3. Type II flashing arrow sign
- 4. Flashing or rotating amber light
- 5. Operable 2-way communication system for maintaining contact with workers

# CONSTRUCTION

Except where prohibited, use an impact attenuator vehicle:

- 1. To follow behind equipment and workers who are placing and removing components of a stationary lane closure, ramp closure, shoulder closure, or any combination. Operate the flashing arrow sign in the arrow or caution mode during this activity, whichever applies. Follow at a distance that prevents intrusion into the workspace from passing traffic.
- 2. As a shadow vehicle in a moving lane closure.

After placing components of a stationary traffic control system you may place the impact attenuator vehicle in advance of the work area or at another authorized location to protect traffic and workers.

Secure objects, including equipment, tools, and ballast on impact attenuator vehicles to prevent loosening upon impact by an errant vehicle.

Do not use a damaged attenuator in the work. Replace any attenuator damaged from an impact during work activities at your expense.

#### PAYMENT

The cost for impact attenuator vehicle is included in the Contract lump sum price paid for the "Traffic Control System".

# 12-1.05 MAINTAINING TRAFFIC:

Maintaining traffic shall conform to the provisions in Section 7-1.03, "Public Convenience," Section 7-1.04, "Public Safety," and Section 12-4, "Maintaining Traffic," of the Standard Specifications.

Closures shall conform to the provisions in Section 12-1.05, "Traffic Control Systems," of these Special Provisions.

# CLOSURE REQUIREMENTS

Closures are only allowed during the hours shown in the lane requirement charts included in this section "Maintaining Traffic," except for work required under Sections 7-1.03, "Public Convenience," and Section 7-1.04, "Public Safety" of the Standard Specifications.

Reference is made to Section 12 -4 "Maintaining Traffic" of the Standard Specifications.

Two (2) lanes of traveled way shall be open for use by public traffic when construction operations are not actively in progress.

A minimum of one (1) traffic lane, not less than ten (10) feet wide in each direction, shall be open for use by public traffic at all times except as follows: During construction activity one (1) lane of traffic will be allowed to serve both directions of traffic between the hours of 9:00 A.M. and 4:00 P.M. When only one (1) traffic lane is available, traffic shall be monitored by no less than two (2) representatives of the Contractor (flaggers) who shall control the flow of traffic through the work site. Under one-way reversing traffic control operations, public traffic may be stopped in one (1) direction for periods not to exceed ten (10) minutes.

Personal vehicles of the Contractor's employees shall not be parked on the traveled way or shoulders including sections closed to public traffic.

When work vehicles or equipment are parked on the shoulder within six (6) feet of a traffic lane, the shoulder area shall be closed with fluorescent orange traffic cones or portable delineators placed on a taper in advance of the parked vehicles or equipment and along the edge of the pavement at 25-foot intervals to a point not less than 25 feet past the last vehicle or piece of equipment. A minimum of nine (9) traffic cones or portable delineators shall be used for the taper. A W20-1 (ROAD WORK AHEAD) or W21-5b (RIGHT/LEFT SHOULDER CLOSED AHEAD) or C24 (CA) (SHOULDER WORK AHEAD) sign shall be mounted on a crashworthy portable sign support with flags. The sign shall be placed where designated by the Engineer. The sign shall be a minimum of 48" x 48" in size. The Contractor shall immediately restore to the original position and location a traffic cone or delineator that is displaced or overturned, during the progress of work.

If minor deviations from the lane requirement charts are required, a written request shall be submitted to the Engineer at least 15 days before the proposed date of the closure. The Engineer may approve the deviations if there is no significant increase in the cost to the County and if the work can be expedited and better serve the public traffic.

Full compensation for furnishing, erecting, maintaining, and removing and disposing of the W20-1, W21-5b, and C24 (CA) signs shall be considered as included in the Contract lump sum price paid for "Construction Area Signs" and no additional compensation will be allowed therefor.

# CLOSURE SCHEDULE

Chart No. 1																								
Conventional Highway Lane Re	qu	ire	em	en	ts																			
County: Monterey			Route/Direction:											MP:										
Closure Limits:																								
FROM HOUR TO HOUR	С	)10	)20	)30	)4(	)50	60	)7(	)8(	)91	01	11	21	131	41	51	. 1	71	81	92	02	122	223	324
Mondays through Fridays										R	R	R	R	R	R	R	R							
Saturdays																								
Sundays																								
Legend: <u>R</u> Closure with reversible c	on	tro	ol p	erı	nit	tted	۱.																	
No closure permitted.																								
REMARKS: Use of shoulder as through traffi be a minimum width of ten (10) t			e a	is a	ıpŗ	orov	vec	d b	y t	he	E	ngi	ne	er.	Tł	nro	ug	h tı	raf	fic	lar	nes	sł	nall

For operations requiring lane closure, submit the contingency plan and discuss with the Engineer at least five (5) business days before starting that operation. Submit any revisions to the contingency plan for an operation at least five (5) business days before starting that operation. Do not close any lanes until the contingency plan has been authorized.

# 12-1.06 TRAFFIC CONTROL SYSTEM:

Add to Section 12-4.02A General:

The full width of the traveled way shall be open for use by public traffic when construction operations are not actively in progress.

A minimum of one (1) traffic lane, not less than 12 feet wide in each direction, shall be open for use by public traffic at all times except as follows: During construction activity one (1) lane of traffic will be allowed to serve both directions of traffic between the hours of 8:00 P.M. and 5:00 A.M. When only one (1) traffic lane is available, traffic shall be monitored by no less than two (2) representatives of the Contractor who shall control the flow of traffic through the work site. Under one-way reversing traffic control operations, public traffic may be stopped in one direction for periods not to exceed ten (10) minutes.

Personal vehicles of the Contractor's employees shall not be parked on the traveled way or shoulders including sections closed to public traffic.

When work vehicles or equipment are parked on the shoulder within six (6) feet of a traffic lane, the shoulder area shall be closed with fluorescent orange traffic cones or portable delineators placed on a taper in advance of the parked vehicles or equipment and along the edge of the pavement at 25-foot intervals to a point not less than 25 feet past the last vehicle or piece of equipment. A minimum of nine (9) traffic cones or portable delineators shall be used for the taper. A W20-1 (ROAD WORK AHEAD) or W21-5b (RIGHT/LEFT SHOULDER CLOSED AHEAD) or C24 (CA) (SHOULDER WORK AHEAD) sign shall be mounted on a crashworthy portable sign support with flags. The sign shall be placed where designated by the Engineer. The sign shall be a minimum of 48" x 48" in size. The Contractor shall immediately restore to the original position and location a traffic cone or delineator that is displaced or overturned, during the progress of work.

Lane closures will be allowed Monday through Friday, 9:00AM to 4:00PM. Lane closures may be allowed at other days and time with written permission by the Engineer.

"DESIGNATED HOLIDAYS"								
Holiday	Date Observed							
New Year's Day	January 1							
Martin Luther King Jr. Day	3 <sup>rd</sup> Monday in January							
Lincoln's Day	February 12							
Presidents Day	3 <sup>rd</sup> Monday in February							
Memorial Day	Last Monday in May							
Independence Day	July 4							
Labor Day	1 <sup>st</sup> Monday in September							
Veterans Day	November 11							
Thanksgiving Day	4 <sup>th</sup> Thursday in November							
Day after Thanksgiving	Friday after the 4 <sup>th</sup> Thursday in							
	November							
Christmas Eve	December 24							
Christmas Day	December 25							

Section 12-4.02A (2) Replace the Designated Holidays with the following:

If any Holiday listed above falls on a Saturday, Saturday and the preceding Friday are both Holidays. If the Holiday should fall on a Sunday, Sunday and the following Monday are both Holidays.

For operations requiring lane closure(s), submit a traffic control plan (TCP) addressing vehicles, bicycle, and pedestrian access at least five (5) business days before starting that operation. Do not close any lanes until the TCP has been approved.

For operations requiring lane closure, submit the contingency plan and discuss with the Engineer at least five (5) business days before starting that operation. Submit any revisions to the contingency plan for an operation at least five (5) business days before starting that operation. Do

not close any lanes until the contingency plan has been authorized.

Replace Section 12-4.02, "Traffic Control Systems," of the Standard Specifications with:

#### GENERAL

This section includes specifications for closing traffic lanes with stationary and moving lane closures on 2-lane, 2-way highways. The traffic control system for a lane closure must comply with the details shown.

Traffic control system includes signs.

# MATERIALS

Vehicles equipped with attenuators must comply with section 12-1.03, "Impact Attenuator Vehicle," of these Special Provisions.

A new attenuator that is proposed as equal to the authorized attenuators or attenuators ordered for recertification must not be used until authorized by the Engineer.

#### CONSTRUCTION

General

During other activities, control traffic with stationary lane closures.

Whenever components of the traffic control system are displaced or cease to operate or function as specified from any cause, immediately repair the components to the original condition or replace the components and restore the components to the original location.

# Stationary Lane Closures

For a stationary lane closure made only for the work period, remove components of the traffic control system from the traveled way and shoulder, except for portable delineators placed along open trenches or excavation adjacent to the traveled way at the end of each work period. You may store the components at selected central locations designated by the Engineer within the limits of the highway.

For multilane highway lane closures, each vehicle used to place, maintain, and remove components of a traffic control system on a multilane highway must be equipped with a Type II flashing arrow sign that must be in operation whenever the vehicle is being used for placing, maintaining, or removing the components. Vehicles equipped with a Type II flashing arrow sign not involved in placing, maintaining or removing the components if operated within a stationary-type lane closure must only display the caution display mode. The sign must be controllable by the operator of the vehicle while the vehicle is in motion. If a flashing arrow sign is required for a lane closure, the flashing arrow sign must be operational before the lane closure is in place.

Use a pilot car to control traffic as ordered by the engineer. The pilot car must have radio contact with personnel in the work area. Operate the pilot car through the traffic control zone at a speed PEDESTRIAN CROSSWALK ENHANCEMENTS CASTROVILLE BLVD & RIO RD PROJECT NO. 1148, HSIPL-5944(132)

not greater than 25 miles per hour.

# Moving Lane Closures

A changeable message sign used in a moving lane closure must comply with section 12-1.02, "Portable Changeable Message Sign," of these Special Provisions except the sign must be truckmounted. The full operational height to the bottom of the sign may be less than seven (7) feet above the ground but must be as high as practicable.

A flashing arrow sign used in a moving lane closure must be truck-mounted. Operate the flashing arrow sign in the caution display mode whenever it is being used on a 2-lane, 2-way highway.

# PAYMENT

Traffic control system for lane closure is paid for as "Traffic Control System". Flagging costs are paid for as specified in section 12-1.02, "Flagging Costs," of these Special Provisions.

A traffic control system required by change order work is paid for as a part of the change order work.

# 12-1.07 TEMPORARY PAVEMENT DELINEATION:

Replace Section 12-6, "Temporary Pavement Delineation," of the Standard Specifications with:

# GENERAL

This section includes specifications for placing, applying, maintaining, and removing temporary pavement delineation.

Painted traffic stripe used for temporary delineation must comply with section 84-2. Apply one (1) or two (2) coats.

Temporary signing for no-passing zones must comply with section 12-3.11, "Construction Area Sign".

# MATERIALS

# Temporary Lane Line and Centerline Delineation

Temporary pavement markers must be the same color as the lane line or centerline markers being replaced. Temporary pavement markers must be one of the temporary pavement markers on the Authorized Material List for short-term day or night use, 14 days or less, or long-term day or night use, 180 days or less.

# Temporary Edge Line Delineation

Temporary, removable, construction-grade striping and pavement marking tape must be one of the types on the Authorized Material List. Apply temporary, removable, construction-grade striping and pavement marking tape under the manufacturer's instructions.

# CONSTRUCTION

#### General

Whenever work activities obliterate pavement delineation, place temporary or permanent pavement delineation before opening the traveled way to traffic. Place lane line and centerline pavement delineation for traveled ways open to traffic. On multilane roadways, freeways, and expressways, place edge line delineation for traveled ways open to traffic.

Establish the alignment for temporary pavement delineation, including required lines or markers. Surfaces to receive an application of paint or removable traffic tape must be dry and free of dirt and loose material. Do not apply temporary pavement delineation over existing pavement delineation or other temporary pavement delineation. Maintain temporary pavement delineation until it is superseded or you replace it with a new striping detail of temporary pavement delineation or permanent pavement delineation.

Place temporary pavement delineation on or adjacent to lanes open to traffic for a maximum of 14 days. Before the end of the 14 days, place the permanent pavement delineation. If the permanent pavement delineation is not placed within the 14 days, replace the temporary pavement markers with additional temporary pavement delineation equivalent to the striping detail specified for the permanent pavement delineation for the area. The Department does not pay for the additional temporary pavement delineation.

When the Engineer determines the temporary pavement delineation is no longer required for the direction of traffic, remove the markers, underlying adhesive and removable traffic tape from the final layer of surfacing and from the existing pavement to remain in place. Remove temporary pavement delineation that conflicts with any subsequent or new traffic pattern for the area.

# Temporary Lane Line and Centerline Delineation

Whenever lane lines or centerlines are obliterated, the minimum lane line and centerline delineation must consist of temporary pavement markers placed longitudinally at intervals not exceeding 24 feet. The temporary pavement markers must be temporary pavement markers on the Authorized Material List for short-term day or night use, 14 days or less, or long-term day or night use, 180 days or less. Place temporary pavement markers under the manufacturer's instructions. Cement the markers to the surfacing with the adhesive recommended by the manufacturer, except do not use epoxy adhesive to place pavement markers in areas where removal of the markers will be required.

For temporary lane line or centerline delineation consisting entirely of temporary pavement markers, place the markers longitudinally at intervals not exceeding 24 feet.

Where no-passing centerline pavement delineation is obliterated, install the following temporary no-passing zone signs before opening lanes to traffic. Install a W20-1, "Road Work Ahead," sign from 1,000 feet to 2,000 feet in advance of a no-passing zone. Install a R4-1, "Do Not Pass," sign at the beginning of a no-passing zone and at 2,000-foot intervals within the no-passing zone. The Engineer determines the exact location of temporary no-passing zone signs. Maintain the temporary no-passing zone signs in place until you place the permanent no-passing centerline pavement delineation. Remove the temporary no-passing zone signs when the Engineer determines they are no longer required for the direction of traffic.

# Temporary Edge Line Delineation

Whenever edge lines are obliterated on multilane roadways, freeways, and expressways, place edge line delineation for that area adjacent to lanes open to traffic consisting of (1) solid, 4-inch wide traffic stripe tape of the same color as the stripe being replaced, (2) traffic cones, (3) portable delineators or channelizers placed longitudinally at intervals not exceeding 100 feet. You may apply temporary painted traffic stripe where removal of the 4-inch wide traffic stripe will not be required.

The Engineer determines the lateral offset for traffic cones, portable delineators, and channelizers used for temporary edge line delineation. If traffic cones or portable delineators are used for temporary pavement delineation for edge lines, maintain the cones or delineators during hours of the day when the cones or delineators are being used for temporary edge line delineation.

Channelizers used for temporary edge line delineation must be an orange surface-mounted type. Cement channelizer bases to the pavement as specified in section 85 for cementing pavement markers to pavement except do not use epoxy adhesive to place channelizers on the top layer of the pavement. Channelizers must be one of the 36-inch, surface-mounted types on the Authorized Material List.

Remove the temporary edge line delineation when the Engineer determines it is no longer required for the direction of traffic.

# PAYMENT

Temporary pavement delineation is included in the Contract prices paid for the "Traffic Control System" and no separate payment will be made therefor.

# 12-1.08 TEMPORARY RAILING:

Temporary Railing (Type K) shall be supplied and initially placed as needed, as specified in the Standard Specifications or these Special Provisions or ordered by the Engineer and shall conform to the provisions in Section 12-3 "Temporary Traffic Control Devices," of the Standard Specifications and these Special Provisions.

Relocate Concrete Barrier (Type K) shall consist of the resetting placement of Type K Railing in a new location within the project limits as needed, as specified in the Standard Specifications or these Special Provisions or ordered by the Engineer using the Temporary Railing (Type K) initially supplied and placed.

Reference is made to section 4.1.02 "Increased and Decreased Quantities" of these Special Provisions. The adjustment provision in Section 4-1.05 "Changes and Extra Work" of the Standard Specifications shall not apply to the items of "Temporary Railing (Type K) and Relocate Concrete Barrier (Type K).

Locations for use of Temporary Railing (Type K) are not shown on the plans. The item of Temporary Railing (Type K) and Relocate Concrete Barrier (Type K) are included in the contract to provide the use of this type of Temporary Railing barrier as determined by the Contractor in their submitted "Traffic Control Plan".

Attention is directed to "Public Safety" and "Order of Work" of these Special Provisions.

Temporary railing (Type K) placed in conformance with the provision in Section 12-3 "Public Safety" of these Special Provisions shall be paid for as "Temporary Railing (Type K)". Resetting placement of Concrete Barrier (Type K) in a new location within the project limits shall be paid for as "Relocate Concrete Barrier (Type K)".

# SECTION 13 – WATER POLLUTION CONTROL

### 13-1.01 WATER POLLUTION CONTROL PROGRAM:

Water Pollution Control shall conform to the provisions in Section 13, "Water Pollution Control," of the Standard Specifications and these Special Provisions.

Water Pollution Control Program is paid for as "Prepare Water Pollution Control Program".

#### 13-1.02 JOB SITE MANAGEMENT:

Job Site Management shall conform to the provisions in Section 13-4, "Job Site Management" of the Standard Specifications.

Job site management is paid for as "Job Site Management".

#### 13-1.03 TEMPORARY SEDIMENT CONTROL:

Temporary Sediment Control shall conform to the provisions in Section 13-6, "Temporary Sediment Control" of the Standard Specifications and these Special Provisions.

Temporary Sediment Control is included in the Contract price paid for as "Job Site Management".

#### 13-10.04 PAYMENT

Replace Section 13-10.04 PAYMENT with:

All elements of the Water Pollution Control Program are paid for as the lump sum for Water Pollution Control Program.

#### SECTION 14 – ENVIRONMENTAL STEWARDSHIP

#### 14-1.01 GENERAL:

Attention is directed to Section 14, "Environmental Stewardship," of the Standard Specifications and these Special Provisions.

#### 14-1.02 NOISE AND VIBRATION:

#### NOISE CONTROL

Replace the second paragraph in Section 14-8.02 of the Standard Specifications with the following:

Do not exceed 85 dBA (max) at 50 feet from the job site activities; where such noise will impact existing development.

Provide one (1) Type 1 sound level meter and one (1) acoustic calibrator to be used by the Department until Contract acceptance. Provide training by a person trained in noise monitoring to one (1) Department employee designated by the Engineer. The sound level meter must be calibrated and certified by the manufacturer or other independent acoustical laboratory before delivery to the Department. Provide annual recalibration by the manufacturer or other independent acoustical laboratory. The sound level meter must be capable of taking measurements using the A-weighting network and the slow response settings. The measurement microphone must be fitted with a windscreen. The Department returns the equipment to you at Contract acceptance.

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 therefor.

# 14-1.03 HAZARDOUS WASTE AND CONTAMINATION:

Hazardous Waste and Contamination shall conform to the provisions in Section 14-11, "Hazardous Waste and Contamination" of the Standard Specifications. Attention is directed to Section 14-11.02 "Unanticipated Discovery of Asbestos and Hazardous Substance", and Section 14-11.03 "Hazardous Waste Management," of the Standard Specifications and this special provision.

If delay of work in the area, due to unanticipated discovery of asbestos or hazardous substances, delays the current controlling operation, the delay will be considered as right of way delay and the Contractor will be compensated for the delay in conformance with the provisions in Section 8-1.07, "Delays," of the Standard Specifications.

In conformance with Section 25914.1 of the Health and Safety Code, removal of asbestos or hazardous substances including exploratory work to identify and determine the extent of the asbestos or hazardous substance will be performed by separate Contract.

The Department reserves the right to use other forces for exploratory work to identify and determine the extent of such material and for removing hazardous material from such area.

#### PAYMENT

Removal and disposal of Treated Wood Waste shall be by the Contract price paid per pound for "Treated Wood Waste (Railing & Post)" and "Treated Wood Waste (Wood Curb). These items include removal and disposal of existing Anchor Bolts".

#### 14-1.04 AIR QUALITY:

Comply with Section 14-9, "Air Quality," of the Standard Specifications.

Dust control is included in the Contract price paid for as Job Site Management.

# **SECTION 15 – EXISTING FACILITIES**

The work performed in connection with various existing highway facilities shall conform to the provisions in Section 15, "Existing Facilities," of the Standard Specifications and these Special Provisions. PEDESTRIAN CROSSWALK ENHANCEMENTS CASTROVILLE BLVD & RIO RD PROJECT NO. 1148, HSIPL-5944(132)

# 15-1.01 OBSTRUCTION:

Attention is directed to Section 15, "Existing Facilities," and <u>Section 5-1.36, "Property and Facility</u> <u>Preservation,"</u> of the Standard Specifications and these Special Provisions.

The Contractor shall notify the following utilities and agencies five (5) days prior to the beginning of construction:

PG&E	AT&T California
Contact: Jose Saldana	Contact: Neil Zakaria
Tel: (831)784-3574	Tel: (805)546-7012
401 Work St	340 Pajaro Street
Salinas CA 93901	Salinas CA 93901
Charter Communications	Storm – Monterey County
Contact: Rich Furtado	Contact: Shawn Atkins
Tel: (408)612-6145	Tel: (831)755-4929
8120 Camino Arroyo	855 E. Laurel Drive, Bldg. B
Gilroy, CA 95020-5123	Salinas CA 93905

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 workmen 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 greater than six (6) inches in diameter or pipelines operating at pressures greater than 60 psi (gage); underground electric supply system conductors or cables, with potential to ground of more than 300 volts, either directly buried or in duct or conduit which does not have concentric grounded conductors or other effectively grounded metal shields or 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 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)	(800) 642-2444 (800) 227-2600				
Western Utilities Underground Alert (Inc.)	(800) 424-3447				

Full compensation for conforming to the provisions in this section not otherwise provided for, shall be considered in prices paid for the various Contract items of work involved and no additional compensation shall be allowed therefor.

# **SECTION 17 – GENERAL**

Replace Section 17-1.02 with:

# 17 1.01 CLEARING AND GRUBBING:

Clear and grub the as necessary for the installation of the pedestrian refuge pad, the

pedestrian ramps and walkway, and poles as needed. Trim existing tree branches and shrubs to have a minimum lateral clearance of three (3) feet from proposed edge of pavement and vertical clearance of 20 feet. Trim existing tree branches and shrubs to have sight distance of proposed traffic control devices as directed by the engineer. The Contractor shall remove and dispose of all the trimmings and debris.

Clearing and Grubbing is paid for as Clearing and Grubbing.

# **SECTION 73 – CONCRETE CURBS AND SIDEWALKS**

Replace Section 73-1.04 with:

# 73-04 PAYMENT:

The lump sum bid price for Hardscape at Castroville Boulevard and Elk Horn Road shall include the two ramps and walkway on the northeast corner and the pedestrian refuge on the southeast corner. The bid price shall include removing 1 foot of asphalt concrete (AC) at the edge of the refuge area and the ramps to allow for forms and replacing AC with Hot mix asphalt (HMA) to provide a smooth transition from the existing AC to the lip of the refuge area and the two (2) ramps. The warning surfaces, grading, and 4 inches of aggregate base below all concrete are included in the price paid for this item.

The lump sum bid price for Hardscape at Rio Road and Via Nona Marie shall include the curb ramp and sidewalk on the northeast corner and the concrete sidewalk on the southeast corner. The bid price shall include removing and replacing the ramp, curb and gutter as well as sidewalk and other materials needed to begin and end work at a score line, removing 2 foot of AC at the lip of the ramp to allow for forms and replacing AC with HMA to provide a smooth transition from the existing AC to the lip of the ramp, and recompacting the base and/or subgrade below all new concrete. The warning surfaces at the new ramp on the northeast corner and at the existing ramp on the southeast corner are included in the lump sum price paid for this item.

# SECTION 82 – SIGNS AND MARKERS

Add to Section 82-3.02B:

Signs shall be installed on wood posts.

Replace Section 82-3.04 Payment with:

# 82-3.04 PAYMENT:

Signs installed as part of the RRFB assembly are included in the payment for the RRFB at each location.

The price paid for Roadside Sign includes the sign, pole, and foundation, complete and in place.

# SECTION 84 – MARKINGS

Add to Section 84-2.02E Thermoplastic Traffic Stripes and Pavement Markings with Enhanced Wet-Night Visibility:

All pavement markings and traffic stripes shall be thermoplastic with enhanced wet-night visibility.

Replace Section 84-9.04 Payment with:

84-9.04 Payment

Removal of all conflicting striping shall be paid for as a lump sum.

# **DIVISION X – ELECTRICAL WORK, SECTION 86 GENERAL**

Add to section 86-1.01 GENERAL

Delete all references to a geographic information system digital file from section 86-1.01C (1) General.

Replace section 86-1.01C (3) Light-Emitting Eiode (LED) Luminaires with:

# 86-1.01C (3) LED LUMINAIRES

LED Electroliers shall be First Light Technologies BFL-S Solar LED Street Light, or Approved Equal

# 1.- GENERAL

1.1. SUMMARY

The system shall consist of a top of pole mounted solar engine that houses the solar panel, a single battery, and controller in a single self-contained unit. The LED luminaire shall be mounted separately to the pole and shall be capable of providing light intensity and distribution that meet Illuminating Engineering Society (IES) guidelines for the application.

# 1.2. DESCRIPTION

- Solar engine shall require no on-site assembly.
- Solar engine shall have a single opening which provides barrier free access to all components for easy maintenance and replacement.
- Solar engine shall be at most 6.125" thick.
- Solar engine enclosure shall be formed from marine grade aluminum.
- Solar engine shall use stainless steel and/or aluminum fasteners.
- Solar charging system shall incorporate self-learning adaptive light management to ensure reliable operation in all conditions and utilize a Maximum Power Point Tracking (MPPT) topology for maximum efficiency.
- Controller shall automatically configure to the local time, including daylight savings where used, and shall have light profiles to allow light intensity adjustment by time of day in accordance to IES recommended practice.
- Light profiles shall be factory set and shall be field adjustable with a wireless mobile application.
- Controller shall have internal daily data logging. Data shall be available via wireless mobile app.
- Controller shall be capable of software upgrades via wireless mobile app.

- Controller shall be housed in a sealed, automotive grade enclosure.
- Solar engine effective projected area shall not exceed 3.5 square feet, and shall weigh no more than 65 pounds including the battery.
- Solar engine shall have a fixed tilt angle of 40 degrees and shall rotate horizontally by 360 degrees.
- Solar engine must not protrude higher than 2' above top of pole.
- Solar engine must be able to mount to a pole less than or equal to 10" diameter.
- Solar engine must mount to the pole in such a manner that does not require the pole to be drilled.
- Solar engine shall have an integrated mount for fastening to a standard 2 <sup>3</sup>/<sub>8</sub>" diameter post-top tenon.
- Solar engine shall have tool-less entry and shall have a prop-stick that automatically engages in any solar engine orientation with pole vertical or horizontal to keep the solar panel door in place when opened.
- Solar engine shall have mistake proof, keyed, automotive grade, IP67 latching connectors for the solar panel, battery, controller and luminaire.
- Solar engine shall not require pre-installation assembly.
- Battery shall be a single, sealed lithium iron phosphate (LiFePO4).
- Battery shall be no thicker than five inches (5").
- Battery shall weigh no more than 35 pounds.
- Battery connection shall use a sealed, keyed and latched automotive connector with no exposed DC voltage when connected.
- Battery shall have a battery management system (BMS) including over-charge protection, over-discharge protection, over-current protection, over-temperature protection, cell balancing.
- Cabling shall be UV resistant and outdoor rated.
- Optional pre-engineered poles shall be supplied with mounting height range of 20', 25', and 30' and shall have luminaire mast arm options of 4', 6', and 8', or a horizontal luminaire tenon.
- System shall be designed for operation in temperatures between -40F and +120F.
- System shall be designed for up to 180 MPH wind loads.
- System, with adaptive capabilities, shall provide lighting with autonomy of at least 14 days.
- System shall not require any site-specific configuration.
- Luminaire shall be available with the following IES light distributions: Type II, Type III, Type IV, Type V.
- Luminaire shall be available with the following Color temperatures: 2700K, 3000K, 4000K.
- Luminaire shall have a BUG rating of B1 U0 G1 and shall be dark sky approved with 2700K and 3000K.
- Luminaire shall have optional pre-installed backlight shield.
- LED driver shall be a separate component mounted in the luminaire.
- LED driver shall support 0-10V dimming.

# **2.- EXECUTION**

# 2.1. INSTALLATION

- A. Install equipment in accordance with manufacturer's installation instructions.
- B. Provide complete installation of system in accordance with Contract Documents.

Replace the 1st paragraph of section 86-1.01D(3) with:

There will be no County testing with this project.

Replace Section 73-1.04 with:

73-1.04 PAYMENT:

The Street Lights on Castroville Blvd. shall be paid for per Each. Bid price shall include the foundation, pole fixtures, solar panels, batteries, electronics, and hardware/software for programming, complete and in place.

# SECTION 87 - GENERAL

Delete section 87-1.01D(2): 87-9 RECTANGULAR RAPID FLASHING BEACONS (RRFB) Replace Section 87-9 with:

# 87-9.01 GENERAL CONDITIONS:

- a. Each intersection installation shall consist all software, hardware, and solar panels to operate the RRFB's consistent with requirements of the FHWA interim approval. Two Caltrans Type 1A 13' poles shall be install at each location as shown on the plans and approved by the Engineer. At the northeast corner of Castroville and Elk Horn, an additional PPB Post shall be installed and hardwired to the 1A pole. Each 1A pole shall be fitted with Carmanah R920 dual lightbars, S1-1 and W16-7P signs, Bulldog pedestrian pushbuttons with 4" round mount (except northeast corner of Castroville and Elk Horn where the Bulldog pedestrian pushbutton shall be mounted to the PPB post with a 2 ½" round mount), fittings, and R10-25 sign placard. Product shall have a 5-year warrantee.
- b. Each RRFB unit shall consist of two rapidly flashed rectangular-shaped yellow indications with an LED-array-based light source, and shall be designed, located, and operated in accordance with the detailed requirements specified below.
- c. The use of RRFBs is optional. However, if an agency opts to use an RRFB under this Interim Approval, the following design and operational requirements shall apply, and shall take precedence over any conflicting provisions of the MUTCD for the approach on which RRFBs are used:

# 87-9.02 ALLOWABLE USES

- d. An RRFB shall only be installed to function as a pedestrian-actuated conspicuity enhancement.
- e. An RRFB shall only be used to supplement a post-mounted W11-2 (Pedestrian), S1-1 (School), or W11-15 (Trail) crossing warning sign with a diagonal downward arrow (W16-7P) plaque, or an overhead-mounted W11-2, S1-1, or W11-15 crossing warning sign, located at or immediately adjacent to an uncontrolled marked crosswalk.

- f. Except for crosswalks across the approach to or egress from a roundabout, an RRFB shall not be used for crosswalks across approaches controlled by YIELD signs, STOP signs, traffic control signals, or pedestrian hybrid beacons.
- g. In the event sight distance approaching the crosswalk at which RRFBs are used is less than deemed necessary by the engineer, an additional RRFB may be installed on that approach in advance of the crosswalk, as a pedestrian-actuated conspicuity enhancement to supplement a W11-2 (Pedestrian), S1-1 (School), or W11-15 (Trail) crossing warning sign with an AHEAD (W16-9P) or distance (W16-2P or W16-2aP) plaque. If an additional RRFB is installed on the approach in advance of the crosswalk, it shall be supplemental to and not a replacement for the RRFBs at the crosswalk itself.

# 87-9.03 SIGN/BEACON ASSEMBLY LOCATIONS

- a. For any approach on which RRFBs are used to supplement post-mounted signs, at least two W11-2, S1-1, or W11-15 crossing warning signs (each with an RRFB unit and a W16-7P plaque) shall be installed at the crosswalk, one on the right-hand side of the roadway and one on the left-hand side of the roadway. On a divided highway, the left-hand side assembly should be installed on the median, if practical, rather than on the far left-hand side of the highway.
- b. An RRFB unit shall not be installed independent of the crossing warning signs for the approach that the RRFB faces. If the RRFB unit is supplementing a post-mounted sign, the RRFB unit shall be installed on the same support as the associated W11-2, S1-1, or W11-15 crossing warning sign and plaque. If the RRFB unit is supplementing an overhead-mounted sign, the RRFB unit shall be mounted directly below the bottom of the sign.

# 87-9.04 BEACON DIMENSIONS AND PLACEMENT IN THE SIGN ASSEMBLY

- a. Each RRFB shall consist of two rectangular-shaped yellow indications, each with an LED-array-based light source. The size of each RRFB indication shall be at least 5 inches wide by at least 2 inches high.
- b. The two RRFB indications for each RRFB unit shall be aligned horizontally, with the longer dimension horizontal and with a minimum space between the two indications of at least 7 inches, measured from the nearest edge of one indication to the nearest edge of the other indication.
- c. The outside edges of the RRFB indications, including any housings, shall not project beyond the outside edges of the W11-2, S1-1, or W11-15 sign that it supplements.
- d. As a specific exception to Paragraph 5 of Section 4L.01 of the 2009 MUTCD, the RRFB unit associated with a post-mounted sign and plaque may be located between and immediately adjacent to the bottom of the crossing warning sign and the top of the supplemental downward diagonal arrow plaque (or, in the case of a supplemental advance sign, the AHEAD or distance plaque) or within 12 inches above the crossing warning sign, rather than the recommended minimum of 12 inches above or below the sign assembly. (See the example photo that is shown below.)

# 87-9.05 FLASHING BEACON REQUIREMENTS

- a. When actuated, the two yellow indications in each RRFB unit shall flash in a rapidly flashing sequence.
- b. As a specific exception to the requirements for the flash rate of beacons provided in Paragraph 3 of Section 4L.01, RRFBs shall use a much faster flash rate and shall provide 75 flashing sequences per minute. Except as provided in Condition 5f below, during each 800-millisecond flashing sequence, the left and right RRFB indications shall operate using the following sequence:

# The RRFB indication on the left-hand side shall be illuminated for approximately 50 milliseconds.

Both RRFB indications shall be dark for approximately 50 milliseconds.

# The RRFB indication on the right-hand side shall be illuminated for approximately 50 milliseconds.

Both RRFB indications shall be dark for approximately 50 milliseconds.

# The **RRFB** indication on the left-hand side shall be illuminated for approximately 50 milliseconds.

Both RRFB indications shall be dark for approximately 50 milliseconds.

# The RRFB indication on the right-hand side shall be illuminated for approximately 50 milliseconds.

Both RRFB indications shall be dark for approximately 50 milliseconds.

# Both RRFB indications shall be illuminated for approximately 50 milliseconds.

Both RRFB indications shall be dark for approximately 50 milliseconds.

# Both RRFB indications shall be illuminated for approximately 50 milliseconds.

Both RRFB indications shall be dark for approximately 250 milliseconds.

- c. The flash rate of each individual RRFB indication, as applied over the full flashing sequence, shall not be between 5 and 30 flashes per second to avoid frequencies that might cause seizures.
- d. The light intensity of the yellow indications during daytime conditions shall meet the minimum specifications for Class 1 yellow peak luminous intensity in the Society of Automotive Engineers (SAE) Standard J595 (Directional Flashing Optical Warning Devices for Authorized Emergency, Maintenance, and Service Vehicles) dated January 2005.
- e. To minimize excessive glare during nighttime conditions, an automatic signal dimming device should be used to reduce the brilliance of the RRFB indications during nighttime conditions.
- f. Existing RRFB units that use the flashing sequence that was specified in the Interim Approval 11 memorandum and a subsequent interpretation (the RRFB indication on the left-hand side emits two slow pulses of light after which the RRFB indication on the right-hand side emits four rapid pulses of light followed

by one long pulse of light) should be reprogrammed to the flash pattern specified above in Condition 5b as part of a systematic upgrading process, such as when the units are serviced or when the existing signs are replaced.

#### 87-9.06 BEACON OPERATIONS

- a. The RRFB shall be normally dark, shall initiate operation only upon pedestrian actuation, and shall cease operation at a predetermined time after the pedestrian actuation or, with passive detection, after the pedestrian clears the crosswalk.
- b. All RRFB units associated with a given crosswalk (including those with an advance crossing sign, if used) shall, when actuated, simultaneously commence operation of their rapid-flashing indications and shall cease operation simultaneously.
- c. If pedestrian pushbutton detectors (rather than passive detection) are used to actuate the RRFB indications, a Push Button To Turn On Warning Lights (R10-25) sign shall be installed explaining the purpose and use of the pedestrian pushbutton detector.
- d. The duration of a predetermined period of operation of the RRFBs following each actuation should be based on the procedures provided in Section 4E.06 of the 2009 MUTCD for the timing of pedestrian clearance times for pedestrian signals.
- e. The predetermined flash period shall be immediately initiated each and every time that a pedestrian is detected either through passive detection or as a result of a pedestrian pressing a pushbutton detector, including when pedestrians are detected while the RRFBs are already flashing and when pedestrians are detected immediately after the RRFBs have ceased flashing.
- f. A small pilot light may be installed integral to the RRFB or pedestrian pushbutton detector to give confirmation that the RRFB is in operation.

#### 87-9.07 ACCESSIBLE PEDESTRIAN FEATURES

Add to section 86-1.02U:

Push Buttans shall be Polara Bulldog BDLM3 2" ADA equipped with frame and 5x7 or 9x12 R10-25 sign.

- a. If a speech pushbutton information message is used in conjunction with an RRFB, a locator tone shall be provided.
- b. If a speech pushbutton information message is used in conjunction with an RRFB, the audible information device shall not use vibrotactile indications or percussive indications.
- c. If a speech pushbutton information message is used in conjunction with an RRFB, the message should say, "Yellow lights are flashing." The message should be spoken twice.

#### 87-9.08 CONDUITS AND CONDUCTORS

Conduits and conductors shall be furnished and installed per the Caltrans Standard Plans and Specifications.

#### 87-9.09 PAYMENT

All elements of the RRFB installation shall be paid for at the Contract lump sum price paid for RRFB for each location.

# **APPENDIX I - SAMPLE CONTRACT**

# SAMPLE CONTRACT

# CONTRACT FOR PUBLIC WORK

# COUNTY OF MONTEREY

# STATE OF CALIFORNIA

HSIPL-5944(132)

THIS AGREEMENT (hereafter, "agreement" or "instrument"), is made in triplicate by and between the COUNTY OF MONTEREY, a political subdivision of the State of California, hereinafter called the "County," and

, hereinafter called the

# "Contractor," (collectively referred to as "the parties".)

#### WITNESSETH:

(1)THE WORK

The Contractor shall do all the work and furnish all the materials, except such as are mentioned in any of the Contract documents to be furnished by the County, necessary to construct and complete in a good, workmanlike and substantial manner and to the satisfaction of the County, the following public work:

#### PEDESTRIAN CROSSWALK ENHANCEMENTS HSIPL-5944(132)

in accordance with this agreement and with all of the following additional Contract documents which are incorporated into and made a part of this agreement:

- (a) The Standard Specifications 2018, and the Standard Plans 2018, including issued revision, of the State of California, Department of Transportation.
- (b) A set of plans and cross sections (when applicable) entitled:

#### **PROJECT PLANS FOR CONSTRUCTION ON CASTROVILLE BLVD & RIO RD** HSIPL-5944(132)

- (c) The Special Provisions for the work
- (d) The Notice to Bidders calling for bids
- (e) The required Payment and Performance bonds

(f) Federal Wage Rates PEDESTRIAN CROSSWALK ENHANCEMENTS CASTROVILLE BLVD & RIO RD PROJECT NO. 1148, HSIPL-5944(132)

- (g) Certificate of Insurance
- (h) Form FHWA-1273
- (i) The accepted bid/proposal including the following:
  - (1) List of Subcontractors
  - (2) Equal Employment Opportunity Certification
  - Public Contract Code Section 10285.1 Statement Section 10162 Questionnaire Section 10232 Statement
  - (4) Noncollusion Declaration
  - (5) Debarment and Suspension Certification
  - (6) NonLobbying Certification For Federal-Aid Contracts
  - (7) Disclosure of Lobbying Activities
  - (8) Instructions For Completion of SF-LLL, Disclosure of Lobbying Activities
  - (9) Statement Concerning Employment of Undocumented Aliens
  - (10) Contractor's Certificate As To Workers' Compensation
  - (11) List of Satisfied Public Agencies
  - (12) Exhibit 15-G Local Agency Bidder DBE Commitment (Construction Contracts)
  - (13) Instructions-Exhibit 15-G Local Agency Bidder DBE Commitment (Construction Contracts)
  - (14) Exhibit 15-H DBE Information-Good Faith Efforts
  - (15) Bidder's Bond

All Contract documents are intended to cooperate, so that any work called for in one and not mentioned in another is to be executed the same as if mentioned in all. However, should there be any conflict between the terms of this instrument and the Contractor's bid or proposal, then this instrument shall control.

#### 2. WORKERS' COMPENSATION

In accordance with the provisions of Section 3700 of the Labor Code, the Contractor and every Subcontractor will be required to secure the payment of compensation to his/her/its/their employees.

# 3. <u>CONTRACT PRICE</u>

The County shall pay the Contractor the following prices for the performance of this Contract:

			HSIPL-5944(1	132)			
Item No.	Item Code	F S	Description	Unit	Quantit y	Unit Price (in Figures)	Item Total (in Figures)
1	120090		<b>Project Signs</b>	EA	4		
2	120100	S	Traffic Control System Castroville/Elkhorn	LS	1		
3	120100	S	Traffic Control System Rio/Via Nona Maria	LS	1		
4	130300	S	Water Pollution Control Program	LS			
5	130100	S	Job Site Management	LS	1		
6	170103	S	Clearing and Grubbing	LS	1		
7	731626	S	Hardscape at Castroville Blvd and Elkhorn Rd	LS	1		
8	731626	S	Hardscape at Via Nona Marie and Rio Road	LS	1		
98	770090	S	LED Solar Street Lights	EA	2		
10	770030	S	RRFB Castroville/Elkhorn	LS	1		
11	770050	S	RRFB Rio/Via Nona/Marie	LS	1		
12	846012	S	White Crosswalk (Thermo Wet-Nighttime)	SQFT	10.5		
13	846012	S	Yellow Crosswalk (Thermo Wet-Nighttime)	SQFT	585		
14	846012	S	Yield Line (Thermo)	SQFT	90		
15	150715	S	Remove Conflicting Striping	LS	1		
16		S	Roadside Sign	EA	2		
			TOTAL COST				

### PEDESTRIAN CROSSWALK ENHANCEMENTS CASTROVILLE BLVD & RIO RD HSIPL-5944(132)

F – Final Pay Item

S – Specialty Item

P – Partial Pay Item

# 4. PUBLIC WORKS CONTRACT

The parties to this Agreement understand and agree that this is a Public Works Contract pursuant to California Public Contract Code Section 7103.5 which states,

(a) As used in this section:

(1) "Public works contract" means a contract awarded through competitive bids by the state or any of its political subdivisions or public agencies, on whose behalf the Attorney General may bring an action pursuant to <u>subdivision (c) of Section 16750 of the Business</u> and Professions Code, for the erection, construction, alteration, repair, or improvement of any structure, building, road, or other improvement of any kind.

(2) "Awarding body" means the state or the subdivision or agency awarding a public works contract.

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

(c) Subdivision (b) shall be included in full in the specifications for the public works contract or in the general provisions incorporated therein and shall be included in full in the public works contract or in the general provisions incorporated therein.
IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the last date appearing below their respective signatures.

By:

CFO,

Date:

#### **CONTRACTOR:**

(Name of Company)

By:

Signature of Chair, President, or Vice-President

Printed Name and Title

Date:

#### **COUNTY OF MONTEREY:**

#### APPROVE AS TO FISCAL TERMS

Signature of Secretary, Asst. Secretary,

Treasurer or Asst. Treasurer\*

Printed Name and Title

By:		By:	
Name:	Carl P. Holm	Name:	Gary Giboney
Title:		Title:	Chief Deputy Auditor-Controller
Dated:		Date:	
	APPROVE AS TO FORM		APPROVE AS TO INDEMNITY/ INSURANCE LANGUAGE
By:		By:	
Name:	Marry Grace Perry	Name:	Leslie J. Girard
Title:	Deputy County Counsel	Title:	County Counsel-Risk Manager
Date:		Date:	

**\*INSTRUCTIONS**: If CONTRACTOR is a corporation, including non-profit corporations, the full legal name of the corporation shall be set forth above together with the signatures of two (2) specified officers per California Corporation Code Section 313. If Contractor is a Limited Liability Corporation (LLC), the full legal name of the LLC shall be set forth above together with the signature of two (2) managers. If CONTRACTOR is a partnership, the name of the partnership shall be set forth above together with the signature of a partner who has authority to execute this AGREEMENT on behalf of the partnership. If CONTRACTOR is contracting in an individual capacity, the individual shall set forth the name of the business, if any, and shall personally sign the AGREEMENT.

PEDESTRIAN CROSSWALK ENHANCEMENTS CASTROVILLE BLVD & RIO RD PROJECT NO. 1148, HSIPL-5944(132)

### COUNTY OF MONTEREY

### PAYMENT BOND

### (Civil Code Section 9550)

WHEREAS, the County of Monterey has awarded to Principal, as Contractor, a Contract for the following project:

## PEDESTRIAN CROSSWALK ENHANCEMENTS CASTROVILLE BLVD & RIO RD HSIPL-5944(132)

AND WHEREAS, Principal, as Contractor, is required to furnish a bond in connection with said Contract, to secure the payment of claims of laborers, mechanics, materialmen, and other persons furnishing labor and materials on the project, as provided by law.

NOW, THEREFORE, we	, as Principal,
and	
as	s Surety, are held and firmly
bound unto the County of Monterey, a political subdivision of the	State of California (hereinafter
called "County"), and to the persons named in California Civil Co	de section 9100 in the penal
sum of Dollar	rs (\$ , , . )
for the payment of which sum in lawful money of the United State	es, well and truly to be made,
we bind ourselves, our heirs, executors, administrators, successors	s and assigns, jointly and
severally, firmly by these presents.	

### THE CONDITION OF THIS OBLIGATION IS SUCH THAT:

If the Principal, or any of Principal's heirs, executors, administrators, successors, assigns, or Subcontractors, (1) fails to pay in full all of the persons named in Civil Code Section 9100 with respect to any labor or materials furnished by said persons on the project described above, or (2) fails to pay in full all amounts due under the California Unemployment Insurance Code with respect to work or labor performed on the project described above, or (3) fails to pay for any amounts required to be deducted, withheld, and paid over to the Employment Development Department from the wages of employees of the Principal and Subcontractors pursuant to Unemployment Insurance Code Section 13020 with respect to such work and labor, then the Surety shall pay for the same.

Surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract on the call for bids, or to the work to be performed there under, or the specifications accompanying the same, shall in any way affect its obligation under this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of said Contract or the call for bids, or to the work, or to the specifications.

If suit is brought upon this bond by the County and judgment is recovered, the Surety shall pay all litigation expenses incurred by the County in such suit, including attorney's fees, PEDESTRIAN CROSSWALK ENHANCEMENTS CASTROVILLE BLVD & RIO RD PROJECT NO. 1148, HSIPL-5944(132)

court costs, expert witness fees and investigation expenses.

This bond inures to the benefit of any of the persons named in Civil Code Section 9100, and such persons or their assigns shall have a right of action in any suit brought upon this bond, subject to any limitations set forth in Civil Code Sections 9550 et seq. (Civil Code, Division 4, Part 6, Title 3, Chapter 5: Payment Bond for Public Works & Facilities).

IN WITNESS WHEREOF the above-bounden parties have executed this instrument under their several seals this \_\_\_\_\_\_day of\_\_\_\_\_\_, 20\_\_\_\_\_, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

(Corporate Seal)		
	Principal	
	By	
	Name and Title	
(Corporate Seal)		
	Surety	
	By	
	Name and Title	

(Attach notary acknowledgement for all signatures and original or certified copy of unresolved appointment, attorney-in-fact certificate, power of attorney, by laws, or other instrument entitling or authorizing person executing bond on behalf of Surety to do so.)

## COUNTY OF MONTEREY

#### PERFORMANCE BOND

WHEREAS, the County of Monterey has awarded to Principal, \_\_\_\_\_\_as Contractor, a Contract for the following project:

## PEDESTRIAN CROSSWALK ENHANCEMENTS CASTROVILLE BLVD & RIO RD HSIPL-5944(132)

WHEREAS, Principal, as Contractor, is required to furnish a bond in connection with said Contract, to secure the faithful performance of said Contract.

NOW, THEREFORE, we	, as Principal,
and	
a	s Surety, are held and firmly
bound unto the County of Monterey, a political subdivision of the	e State of California (hereinafter
called "County"), in the penal sum of	
Dollars (\$ , , _ ), for the payment of which sum	n in lawful money of the United
States, well and truly to be made, we bind ourselves, our heirs, ex successors and assigns, jointly and severally, firmly by these pres	

## THE CONDITION OF THIS OBLIGATION IS SUCH THAT:

If the Principal, as Contractor, or Principal's heirs, executors, administrators, successors, or assigns, (1) shall in all things stand to and abide by and well and truly keep and perform the covenants, conditions, and agreements in said Contract and any alteration thereof made as therein provided, on Principal's part to be kept and performed, at the time and in the manner therein specified and in all respects according to their true intent and meaning, and (2) shall defend, indemnify and save harmless the County, the members of its board of supervisors, and its officers, agents and employees as therein stipulated, then this obligation shall become null and void; otherwise, it shall be and remain in full force and virtue.

Surety hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the Contract or the call for bids, or to the work to be performed thereunder, or the specifications accompanying the same, shall in any way affect its obligation under this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of said Contract or the call for bids, or to the work, or to the specifications.

Whenever the Principal, as Contractor, is in default, and is declared in default, under the Contract by the County of Monterey, the County of Monterey having performed its obligation under the Contract, Surety may promptly remedy the default, or shall promptly:

- (1) Complete the Contract in accordance with its terms or conditions, or
- (2) Obtain a bid or bids for submission to County of Monterey for completing the Contract in accordance with its terms or conditions, and upon determination by

County of Monterey and Surety of the lowest responsible and responsive bidder, arrange for a Contract between such bidder and County of Monterey, and make available as work progresses (even though there should be a default or a succession of defaults under the Contract or Contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of Contract price.

If suit is brought upon this bond by the County and judgment is recovered, the Surety shall pay all litigation expenses incurred by the County in such suit, including attorney's fees, court costs, expert witness fees and investigation expenses.

IN WITNESS WHEREOF, the above-bounden parties have executed this instrument under their several seals this \_\_\_\_\_\_day of \_\_\_\_\_\_, 20\_\_\_\_\_, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

(Corporate Seal)

(Corporate Seal)

Principal		
By		
Name and Title		
<u> </u>		
Surety		
Ву		

(Attach notary acknowledgement for all signatures and original or certified copy of unresolved appointment, attorney-in-fact certificate, power of attorney, by laws, or other instrument entitling or authorizing person executing bond on behalf of Surety to do so.)

PEDESTRIAN CROSSWALK ENHANCEMENTS CASTROVILLE BLVD & RIO RD PROJECT NO. 1148, HSIPL-5944(132)

## **APPENDIX II – EXHIBITS AND FORMS**

## EXHIBIT 17-O DISADVANTAGE BUSINESS ENTERPRISE (DBE) CERTIFICATION STATUS CHANGE

STATE OF CALIFORNIA – DEPARTMENT OF TRANSPORTATION CP-CEM-2403(F) (New. 10/99)

CONTRACT N	UMBER	COUNTY	ROUTE	POST MILES	5	ADMINISTI	ERING AGENC	Y	CONTRACT COMP	LETION DATE
PRIME CONTR	RACTOR			BUSINESS A	ADDRESS				ESTIMATED CONT	RACT AMOUNT
Prime Contra originally liste	ctor: List all DBE. ed for good credit.	s with changes in c Attach DBE certif	ertification status ication/Decertifica	(certified/dece tion letter in a	rtified) while in you ccordance with the	r employ, wh Special Prov	hether or not fi visions	rms were	I	
CONTRACT ITEM NO.		SUBCONTRACT BUSINESS A			BUSINESS PHONE	С	CERTIFICATION	NUMBER A	MOUNT PAID WHILE CERTIFIED	CERTIFICATION/ DECERTIFICATION DATE Letter attached
								\$		
								\$		
								\$		
								\$		
								\$		
								\$		
								\$		
								\$		
								\$		
Comments:										
			I CERTIFY TH	AT THE ABOV	/E INFORMATION I	S COMPLET				
CONTRACTOR	REPRESENTATIVI	ESIGNATURE		TITLE			Ι	BUSINESS PHON	E NUMBER	DATE
		то тн	E BEST OF MY KI	NOWLEDGE, 1	THE ABOVE INFOR	MATION IS (	COMPLETE AN	ND CORRECT		
RESIDENT ENG	INEER						I	BUSINESS PHON	E NUMBER	DATE
<b>Distribution</b> ()	Driginal copy -DLAE Copy -1) Business En	terprise Program 2)	Prime Contactor 3)	Local Agency 4	4) Resident Engineer		·			

PEDESTRIAN CROSSWALK ENHANCEMENTS CASTROVILLE BLVD & RIO RD PROJECT NO. 1148, HSIPL-5944(132)

## Form CP-CEM 2403(F) (New 10/99) DISADVANTAGED BUSINESS ENTERPRISES (DBE) CHANGE IN CERTIFICATION STATUS REPORT

The top of the form requires specific information regarding the construction project: Contract Number, County, Route, Post Miles, the Administering Agency, the Contract Completion Date, and the Estimated Contract Amount. It requires the Prime Contractor's name and Business Address. The focus of the form is to substantiate and verify the actual DBE dollar amount paid to Contractors on federally funded projects that had a change in Certification status during the course of the completion of the Contract. The two (2) situations that are being addressed by CP-CEM 2403(F) are, if a firm certified as a DBE which is doing work on the Contract during the course of the project becomes Decertified, and if a non-DBE firm doing work on the Contract during the course of the project becomes Certified as a DBE.

The form has a column to enter the Contract Item No (or Item Nos.) as well as a column for the Subcontractor's Name, Business Address, Business Phone, and Contractor's Certification Number.

The column entitled Amount Paid While Certified will be used to enter the actual dollar value of the work performed by those Contractors who meet the conditions as outlined above during the time period they are Certified as a DBE. This column on the CP-CEM-2403(F) should only reflect the dollar value of work performed while the firm was Certified as a DBE.

The column called Certification/Decertification Date (Letter attached) will reflect either the date of the Decertification Letter sent out by the Civil Rights Program or the date of the Certification Certificate mailed out by the Civil Rights Program. There is a box to check that support documentation is attached to the CP-CEM-2403 (F) form.

There is a Comments section for any additional information that may need to be provided regarding any of the above transactions.

The CEM-2403(F) has an area at the bottom where the Contractor and the Resident Engineer sign and date that the information provided is complete and correct.

There is a Comments section for any additional information that may need to be provided regarding any of the above transactions.

The CEM-2403(F) has an area at the bottom where the Contractor and the Resident Engineer sign and date that the information provided is complete and correct.

## EXHIBIT 17-F FINAL REPORT-UTILIZATION OF DISADVANTAGE BUSINESS ENTERPRISES (DBE) FIRST-TIER SUBCONTRACTORS

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION FINAL REPORT-UTILIZATION OF DISADVANTAGED BUSINESS ENTERPRISES (DBE), FIRST-TIER

**ADA Notice:** For individuals with sensory disabilities, this document is available in alternate formats. For information call (916) 654-6410 or TDD (916) 654-3880 or write Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.

#### CEM-2402F (REV 02/2008)

CONTRA	ACT NUMBER	COUNTY	ROUTE	POST MILE NO.	S FEDER	RAL AID PRO	JECT	ADMINISTE AGENCY	RING		CONTRACT COMPLETION DATE
PRIME CONTRACTOR			BUSINESS A	ADDRESS			ESTIMATED CONTRACT AMOUNT				
	DESCRIPTION						CONT	RACT			
ITEM NO.	OF WORK PERFORMED AND MATERIAL PROVIDED		ANY NAME BUSINESS RESS	DBE CERT. NUMBER	NON-DBE	DBE	W	ATE ORK OMPLETE		DATE OF	FINAL PAYMENT
					\$	\$	-				
					\$	\$					
					\$ \$	\$					
					\$	\$					
					\$	\$					
					\$	\$	-				
					\$	\$					
					\$ \$	\$					
					\$	\$					
					\$	\$					
ORIGINA	AL COMMITMENT										
\$				TOTAL	\$	\$					
	DBE										
List all Fire	st-Tier Subcontractors, Disad	ontogod Duping	an Enternriana (DREa) raga	dlaga of tion who	thar ar not the fi	mo woro originall	u liated for	and prodit if actus	DRE utilization (or itom		
	s different than that approve						y listed for	goal credit. Il actua	II DBE Utilization (or item		
							ATION I	S COMPLETE	AND CORRECT		
CONTRA REPRES	ACTOR ENTATIVE'S SIGNATU	IRE						BUSINESS P	HONE NUMBER		DATE
			TO THE BEST OF MY IN	FORMATION AN	D BELIEF, THE	ABOVE INFORM	IATION IS	COMPLETE AND	CORRECT		
RESIDE	NT ENGINEER'S SIGNA	ATURE						BUSINESS P	HONE NUMBER		DATE
Copy Dis	tribution-Caltrans contra	cts:	Original - District	Construction	Cop	y- Business En	terprise I	Program	Copy- Contractor	Copy 1	Resident Engineer
Copy Di contracts	stribution-Local Agency		<b>Original</b> - District Engineer	Local Assistar		y- District Loc ineer	al Assista		Copy- Local Agency		

FINAL REPORT – UTILIZATION OF DISADVANTAGED BUSINESS ENTERPRISES (DBE), FIRST-TIER SUBCONTRACTORS CEM 2402(F) (Rev. 02/2008)

The form requires specific information regarding the construction project: Contract Number, County, Route, Post Miles, Federal-aid Project No., the Administering Agency, the Contract Completion Date and the Estimated Contract Amount. It requires the prime Contractor name and business address. The focus of the form is to describe who did what by Contract item number and descriptions, asking for specific dollar values of item work completed broken down by subcontractors who performed the work using both DBE and non-DBE work forces. DBE prime Contractors are required to show the date of work performed by their own forces along with the corresponding dollar value of work.

The form has a column to enter the Contract Item No. (or Item Nos.) and description of the work performed and the materials provided, as well as a column for the subcontractor name and business address. For those firms who are DBE, there is a column to enter their DBE Certification Number. The DBE should provide their certification number to the Contractor and notify the Contractor in writing with the date of the decertification if their status should change during the course of the Project.

The form has six (6) columns for the dollar value to be entered for the item work performed by the subcontractor.

The Non-DBE column is used to enter the dollar value of work performed for firms who are not certified DBE.

The decision of which column to be used for entering the DBE dollar value is based on what program(s) status the firm is certified. This program status is determined by the California Unified Certification Program by ethnicity, gender, ownership, and control issues at time of certification. To confirm the certification status and program status, access the Department of Transportation Civil Rights web site at: <u>http://www.dot.ca.gov/hq/bep</u> or by calling (916) 324-1700 or the toll free number at (888) 810-6346.

DBE Program Status	Column to be used
If program status shows DBE only with no other	DBE

Based on this DBE Program status, the following table depicts which column to be used:

If a Contractor performing work as a DBE on the project becomes decertified and still performs work after their decertification date, enter the total dollar value performed by this Contractor under the appropriate DBE identification column.

If a Contractor performing work as a non-DBE on the project becomes certified as a DBE, enter the dollar value of all work performed after certification as a DBE under the appropriate identification column.

Enter the total of each of the six (6) columns in Form CEM-2402(F).

Any changes to DBE certification must also be submitted on Form-CEM 2403(F).

Enter the Date Work Completed as well as the Date of Final Payment (the date when the prime Contractor made the "final payment" to the subcontractor for the portion of work listed as being completed).

The Contractor and the resident engineer sign and date the form indicating that the information provided is complete and correct.

#### FEDERAL-AID HIGHWAY CONSTRUCTION CONTRACTOR'S ANNUAL EEO REPORT

U.S. DEPARTMEN	T OF TRAN	SPORT	ATION											OMB N	0. 212	5-0019		
FEDE	RAL HIGHV	VAY AI	<b>MINISTR</b>	TION	1				Local Ag	ency (	Contract N	No.		Report	For			
FEDERAL-AID H	IIGHWAY C	ONSTR	UCTION C	ONTR	ACTOR'S	ANNUA	L EEO	REP(	ORT					JULY		20		
1. CHECK APPROPRIATE BLOC	2. NAME	AND A	DDRESS O	F FIRI	М				3. FEDERAL-AID PROJECT NUMBER 4. TYPE OF CONSTRUCTION								1	
Contractor																		
Subcontractor																		
5. COUNTY AND STATE		6. PER	CENT COM	1PLET	Е	7. BE	GINNIN	G CO	NSTR.	8. DC	LLAR			9 FS	TIMA	TED PEAK		
5. COUNTERING STATE						DATE					IOUNT C	Œ	N	Ionth a			lumbe	r of
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OFFICIALS (Managers)																		
SUPERVISORS																		
FOREMEN/WOMEN																		
CLERICAL																		
EQUIPMENT OPERATORS																		
MECHANICS																		
TRUCK DRIVERS																		
IRONWORKERS																		
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CEMENT MASONS																		<u> </u>
ELECTRICIANS																		
PIPEFITTERS, PLUMBERS																		ļ
PAINTERS																		
LABORERS, SEMI-SKILLED																		L
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APPRENTICES																		
ON THE JOB TRAINEES 11. PREPARED BY: (Signature and T	itle of Contro	Inctor's P	enresentative	-) -	I	1	1	1		1		1		1	DAT	E		
				)											DAL	Ľ		
12. REVIEWED BY: (Signature and T	Title of Local	Agency	Official)												DAT	Е		
Distribution: Prepared by the contra	actor and su	ibcontra	actors and s	ent to	the local a	agency	(1) Orig	ginal	- Local ag	gency	project fi	iles (2	) Copy -	Caltran	s Dist	rict Local	Assist	ance

Form FHWA-1391 (Rev. 3-92) Electronic

PREVIOUS EDITION ARE OBSELETE

## LOCAL AGENCY CONTRACTORS AND SUBCONTRACTORS INSTRUCTIONS FOR COMPLETING FHWA 1391 FORM

The FHWA-1391 form shall be used to report the number of minority and non-minority employees by gender employed in each work classification on a Federal-aid Contract. The "Job Categories" column is used to identify work classification. When identifying work classification use only the categories listed on the form. Miscellaneous job categories are to be incorporated in the most appropriate category listed on the form.

#### WHO MUST REPORT:

Each prime Contractor and subcontractor, regardless of tier, who has a Federal-aid Contract exceeding \$10,000.

#### **REPORT DATA:**

Each Contractor is to collect data of the number of project personnel who worked all or any part of the last full week of July. Contractors who do not perform any work during the last full week of July must write "Not Applicable" across the form, sign, date and return.

#### **DUE DATE:**

Due on or before the 15<sup>th</sup> of August.

#### **DEFINITION OF TERMS:**

OFFICIALS (Managers):	Officers, project engineers, superintendents, etc., who have management level responsibility and authority.
SUPERVISORS:	All levels of Project supervision, if any, between management and foremen levels.
FOREMEN/WOMEN:	Men and women in direct charge of crafts workers and laborers performing work on the Project.
MECHANICS:	Equipment service and maintenance personnel.
LABORERS, SEMI-SKILLED:	All laborers classified by specialized type of work.
LABORERS, UNSKILLED:	All Non-classified laborers.
OTHERS:	Miscellaneous job classifications are to be incorporated in the most appropriate category listed on the form. All employees on the Project should be accounted for.

#### **BLOCK ENTRIES**

- (1) CHECK APPROPRIATE BLOCK Check <u>only</u> one (1) box.
- (2) NAME AND ADDRESS OF FIRM Enter the firm's name, street address, city, town, state and zip code. Do <u>not</u> abbreviate.
- (3) FEDERAL-AID PROJECT NUMBER Enter all Federal-aid project number(s) associated with the Contract number. (If you are a subcontractor and do not know the Federal-aid project number, contact the prime Contractor).
- (4) TYPE OF CONSTRUCTION Enter type of work associated with the Contract number. (If you are a subcontractor and do not know the type of construction, contact the prime Contractor).
- (5) COUNTY AND STATE Enter <u>all</u> county(ies) and state(s) associated with the Contract number. (If you are a subcontractor and do not know the county(ies) and state(s), contact the prime Contractor).
- (6) PERCENT COMPLETE Enter percentage completed, based on the dollar amount of the Contract completed.
- (7) BEGINNING CONSTRUCTION DATE Enter date construction began.
- (8) DOLLAR AMOUNT OF CONTRACT Enter dollar amount of Contract, including amended amounts.
- (9) ESTIMATED PEAK EMPLOYMENT
  - (a) Month and Year Enter month and year of peak employment during the life cycle of the Contract.
  - (b) Number of Employees Enter number of employees, based on the peak employment during the life of the Contract.
- (10) EMPLOYMENT DATA
  - (Table A) Enter number of employee(s) based on race, gender and job category during the reporting period.
  - (Table B) Enter number of apprentice(s) and on-the-job trainee(s) based on gender and job category during the reporting period.
  - (Table C) Enter number of apprentice(s) and on-the-job trainee(s) based on race and gender during the reporting period.
- (11) PREPARED BY Signature and Title of Contractor's Representative certifying the reported data to be true.
- (12) REVIEWED BY Signature and Title of Local Agency Official reviewing data.

#### Note: Include Contract number in the block located at the top of the form.

Distribution: Prepared by the Contractor and subcontractors and sent to the local agency. (1) Original – Local agency project files (2) Copy – Caltrans Local Assistance District Engineer

## FORM FHWA-1022



# NOTICE

The highway construction underway at this location is a Federal or Federal-aid project and is subject to applicable State and Federal laws, including Title 18, United States Code, Section 1020, which reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or any State or Territory, or whoever, whether a person, association, firm or corporation, knowingly makes any false statement, false representation or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the costs thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction of any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever, knowingly makes any false statement, false representation, false report, or false claim with respect to the character, quality, quantity or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to a material fact in any statement, certificate, or report submitted pursuant to the provision of the Federal Aid Road Act approved July 11, 1916 (39 Stat. 355) as amended and supplemented,

Shall be fined under this title or imprisoned not more than five years, or both."

Any person having reason to believe this statute is being violated should report the same to the agency representative(s) named below.

State Transportation Agency	U.S. Department of Transportation	Federal Highway Administration Division Administrator
	Hotline for Fraud, Waste, & Abuse <b>1-800-424-9071</b>	

FHWA Form-1022 (Revised May2015)