STATE OF MONTANA
DEPARTMENT OF TRANSPORTATION
BID PACKAGE

Sealed bids for construction of this project will be received by the Montana Department of Transportation, Construction Contracting Bureau, Room 101, 2701 Prospect, Helena, Montana until 9:00 a.m. on May 15, 2025. All bids will then be publicly opened, reviewed for correctness, and then publicly read.

Federal Aid Project(s):

CMDP 118-1(5)0	N 7th Ave Int Improv – Bozeman
NH 118-1(7)0	N 7th Avenue – Bozeman

Bid proposals, Plans, Standard Specifications, Detail Drawings, and Standard Contract Forms are on file for examination and may be obtained from the Construction Contracting Bureau of the Montana Department of Transportation, 2701 Prospect Avenue, P.O. Box 201001, Helena, Montana 59620-1001.

Prime bidders use the Electronic Bid System or bid on-line through Bid Express to produce a bid containing Proposal Forms, Schedule of Items, and Disadvantaged Business Enterprises (DBE) Requirements (if applicable).

CONTRACT #02525
AWARDED ON: MAY 27, 2025
TO: KNIFE RIVER CORPORATION-BELGRADE

MONTANA DEPARTMENT OF TRANSPORTATION

Loran Frazier, Chairperson
Montana Transportation Commission

Christopher Dorrington
Director of Transportation

Contract No.02525
GL:ST:9313000AWD

AWARD COPY

CURRENT QUESTIONS & ANSWERS

102 - N 7TH AVE INT IMPROV-BOZEMAN AND N 7TH AVENUE - BOZEMAN - May 15, 2025

Notifications

No Notices available for this project.

Amendments

-1-

Submitted: Tuesday 13-MAY-2025 01:36 PM
An Amendment has been posted for this project: **AMENDMENT**
To download the amendment bid files: Bid Express™ Secure Internet Bidding

Clarifications

No Clarifications available for this project.

Questions

-1-

Submitted: Friday 25-APR-2025 09:09 AM
Company: Western Systems
Contact: Tammy Berg
Please provide RAL Powder Coat Code for the Midnight Blue Finish for new signal standards & type 1-100 poles at the 3 intersections on 7th Ave.
Answer
Submitted: Tuesday 29-APR-2025 08:05 AM
Use Philips Lumec Standard Color Code BE2TX or RAL 5011 (Stahlblau).

-2-

Submitted: Monday 28-APR-2025 10:09 AM
Company: CK MAY EXCAVATING INC
Contact: Josh McKenzie
Can you please provide all design files including linework in .dwg and existing/finish surface data in .xml?
Answer
Submitted: Wednesday 30-APR-2025 08:50 AM
The design files for the requested project are posted here: **DESIGN FILES**
The requested files do not represent the staked project but are only design files. The Department cannot guarantee the accuracy of the electronic data, particularly as it may be called up by your computer, nor does any data in these files supersede the data in the contract documents.
In addition, the Department will not make any revisions to the electronic files pertaining to the staked project, change ordered work, or changes that are made during construction to fit field conditions.

-3-

Submitted: Tuesday 06-MAY-2025 10:12 AM
Company: Alpine Sign Inc.
Contact: John
It appears that most OHD3 signs are not listed with correct sizes. Can MDT please review and advise.
Answer
Submitted: Tuesday 06-MAY-2025 01:31 PM
MDT reviewed the OHD3 sign sizes and they have been confirmed as correct. Bid the project as designed.

CURRENT QUESTIONS & ANSWERS

-4-
Submitted: Tuesday 06-MAY-2025 10:09 AM
Company: Alpine Sign Inc
Contact: John
Please provide Sign Design Calculations for this project.
Answer
Submitted: Tuesday 06-MAY-2025 02:59 PM
The sign design files for the requested project are posted here: **SIGN DESIGN CALCS**
The requested files are only design files. The Department cannot guarantee the accuracy of the electronic data, particularly as it may be called up by your computer, nor does any data in these files supersede the data in the contract documents. In addition, the Department will not make any revisions to the electronic files prior to award. Changes needed via change ordered work, or changes that are made during construction to fit field conditions, will be provided at that time. See the requirements of Subsection 619.03.2.

-5-
Submitted: Thursday 08-MAY-2025 12:32 PM
Company: Mountain West Holding Company
Contact: Chris Connors
As a follow up to the question regarding the street signs, please consider the following questions regarding the 48" tall signs. Has the Department confirmed that the structures these signs will mount to are adequate for the wind load of a 28 sf sign face? The 28sf signs are identified as flat aluminum (Refl XI) as opposed to Increment XI which would have wind beam bracing to provide a ridgid sign. Does the Department have a detail of how these signs are to be mounted that will offer enough support for the flat aluminum and not exceed allowable weight mounted on the mast arms? Would the Department consider changing the 48" tall signs to Incr XI?
Answer
Submitted: Tuesday 13-MAY-2025 12:03 PM
OHD3’s with a dimension equal to or greater than 54 inches will be changed to SIGNS-ALUM SHEET INCR XI.
Bid Item # 619 010 090 SIGNS-ALUM REFL SHEET XI is hereby changed from 532.90 SQFT to 334.9 SQFT
Bid Item # 619 010 062 SIGNS-ALUM SHEET INCRE XI – 198.0 SQFT is hereby added to the contract.
New sign plans can be found here: **SIGN PLANS**
An Amendment will be issued, updated bid files will be posted.

CONTRACT NO. 02525

Montana Department of Transportation
Construction Contracting Section

Date(s) Issued:
May 13, 2025

A M E N D M E N T S

For The Following Project(s)
To Be Let On:
May 15, 2025

201 – N 7TH AVE INT IMPROV – BOZEMAN
CMDP 118-1(5)0

N 7TH AVENUE - BOZEMAN
NH 118-1(7)0

REVISED SCHEDULE OF ITEMS
Changing quantity for Item #:
619 010 090 - SIGNS-ALUM REFL SHEET XI – 334.9 SQFT

Adding Bid Item #:
619 010 062 - SIGNS-ALUM SHEET INCRE XI – 198.0 SQFT

INSTRUCTIONS – READ CAREFULLY
Amendments: Consist of contract revisions to the electronic bid files including added bid items, deleted bid items, or bid item quantity changes. Load the electronic amendment file while in the opened bid file to apply the amendment. The Schedule of Items printout on projects with amendments must show the amendment(s) applied at the bottom of each page to be considered responsive. Bid files for AASHTOWare Project Bids will only be updated for Amendments.

Shane Pegram
Shane Pegram, Bureau Chief
Construction Engineering Services

MONTANA DEPARTMENT OF TRANSPORTATION
SCHEDULE OF ITEMS

CONTRACT ID: 02525

PROJECT: NH 118-1(7)0 9477007000 N 7TH AVENUE - BOZEMAN
CMDP 118-1(5)0 9313005000 N 7TH AVE INT IMPROV - BOZEMAN

SECTION: 0001 - TRAFFIC SIGNALS & LIGHTING

PROP LINE NO.	ITEM NUMBER	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY
0010	104030010	MISCELLANEOUS WORK	UNIT	80,000.00
0020	108000010	STRUCTURE ANALYSIS	LS	1.00
0030	109200005	MOBILIZATION	LS	1.00
0040	201311000	REMOVE TREES	EACH	17.00
0050	202020140	REMOVE BITUMINOUS PAVEMENT	SQYD	213.00
0060	203020225	EXCAVATION-STREET	CUYD	2,573.00
0070	208010150	TEMPORARY EROSION CONTROL-LS	LS	1.00
0080	208010200	TEMPORARY EROSION CONTROL-FIXED	UNIT	500.00
0090	210020170	TEST TRAILER-TRANSPORT,SETUP	MILE	10.00
0100	301020340	CRUSHED AGGREGATE COURSE	CUYD	1,194.00
0110	301020625	AGGREGATE TREATMENT	SQYD	3,917.00
0120	401020064	COMMERCIAL PLANT MIX-MISC	TON	18.00
0130	401020122	COMMERCIAL MIX-PG 58V-34	TON	2,788.00
0140	402020315	EMULSIFIED ASPHALT-TACK COAT	GAL	1,040.00
0150	402020375	EMULSIFIED ASPHALT CHFRS-2P	TON	127.20
0160	403010255	CRACK SEALING	LB	3,518.00
0170	403010257	CRACK FILLING-MASTIC	LB	5,976.00
0180	409000000	FINAL SWEEP AND BROOM	CRMI	3.40
0190	409000020	COVER-TYPE 2	SQYD	70,570.00
0200	411010000	COLD MILLING	SQYD	12,407.00
0210	601012125	CURB STOP VALVE	EACH	1.00
0220	603013453	PIPE-PVC 18 IN	LNFT	6.00
0230	603014242	ADJUST VALVE BOX	EACH	21.00
0240	603014492	HYDRANT ASSEMBLY	EACH	2.00
0250	604000100	ADJUST MANHOLE	EACH	3.00
0260	604000120	REMOVE FIRE HYDRANT	EACH	2.00
0270	604000160	REMOVE CURB INLET	EACH	1.00
0280	604010184	CONCRETE APRON	EACH	2.00
0290	604010302	MANHOLE STRUCTURE BASE 48 IN (1220	EACH	1.00
0300	604010615	MODIFY DROP INLETS	EACH	1.00

SECTION: 0001 - TRAFFIC SIGNALS & LIGHTING

PROP LINE NO.	ITEM NUMBER	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY
0310	604010661	CURB INLET FRAME AND GRATE	EACH	2.00
0320	608000020	SIDEWALK DRAIN	EACH	1.00
0330	608010020	SIDEWALK-CONCRETE 4 IN	SQYD	453.00
0340	608010035	SIDEWALK-CONCRETE 4 IN COLORED	SQYD	55.20
0350	608010050	SIDEWALK-CONCRETE 6 IN	SQYD	1,042.20
0360	608010125	DETEC WARNING DEVICES-TYPE 1	SQYD	38.80
0370	609010200	CURB AND GUTTER-CONC	LNFT	2,000.00
0380	610100470	SODDING	SQYD	706.00
0390	610100625	LANDSCAPING	LS	1.00
0400	610590028	TREE	EACH	16.00
0410	616343920	CONDUIT-PLASTIC 2 IN	LNFT	650.00
0420	616343924	CONDUIT-PLASTIC 2 1/2 IN	LNFT	65.00
0430	616343930	CONDUIT-PLASTIC 3 IN	LNFT	810.00
0440	616783007	PULL BOX-COMPOSITE TYPE 2	EACH	11.00
0450	616783008	PULL BOX-COMPOSITE TYPE 3	EACH	5.00
0460	617000000	FOUNDATION-CONCRETE	CUYD	16.50
0470	617033414	CABLE-COPPER 7AWG14-600V	LNFT	2,810.00
0480	617033514	CABLE-COPPER 9AWG14-600V	LNFT	490.00
0490	617033614	CABLE-COPPER 12AWG14-600V	LNFT	440.00
0500	617123108	CONDUCTOR-COPPER AWG8-600V	LNFT	665.00
0510	617123110	CONDUCTOR-COPPER AWG10-600V	LNFT	745.00
0520	617183056	STANDARD-STL TYPE 10-A-500-6	EACH	2.00
0530	617233100	CONTROLLER-CAB PED-MODIFY	EACH	1.00
0540	617303300	HIGH EFFICACY LUMINAIRE LED	EACH	3.00
0550	617503130	SIG-TRAF 3 COL-1 WAY 12-12-12	EACH	1.00
0560	617553020	SIG-PEDESTRIAN TYPE 2	EACH	30.00
0570	617605040	INSTALL CONTLR/TRAF-ACTUATOR	EACH	1.00
0580	617673100	SIG STANDARD TYPE 1-100	EACH	20.00
0590	617693908	SIG STANDARD TYPE 2-A-900-8	EACH	1.00
0600	617713099	SIG STANDARD TYPE 3-A-900-9	EACH	1.00
0610	617733621	REMOVE AND RESET EXISTING POLE	EACH	2.00
0620	617763500	DETECTOR-RADAR/PRESENCE	EACH	14.00
0630	617763510	DETECTOR-RADAR/ADVANCE	EACH	8.00
0640	617781000	REMOVE AND SALVAGE MISC ELECTRICAL	LS	1.00
0650	617783030	REMOVE AND RESET MISC ELECTRICAL	LS	1.00
0660	617903255	PUSH BUTTON-PEDESTRIAN-TACTILE	EACH	30.00

SECTION: 0001 - TRAFFIC SIGNALS & LIGHTING

PROP LINE NO.	ITEM NUMBER	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY
0670	617903600	BROADBAND RADIO	EACH	4.00
0680	618030005	TRAFFIC CONTROL DEVICES CB	UNIT	180,000.00
0690	618100005	PORTABLE VARIABLE MESSAGE SIGN	EACH	2.00
0695	619010062	SIGNS-ALUM SHEET INCR XI	SQFT	198.00
0700	619010090	SIGNS-ALUM REFL SHEET XI	SQFT	334.90
0710	619010230	REMOVE SIGN	EACH	52.00
0720	619010340	POSTS-TUBULAR STEEL-SQ-PERF	LB	2,019.00
0730	619010770	SQ TUBLR SLIP BASE BKWY-3 IN	EACH	1.00
0740	620010301	CURB MARKING-YELLOW EPOXY	GAL	336.00
0750	620011105	WORDS AND SYMBOLS-WHITE PAINT	GAL	120.00
0760	620011110	WORDS AND SYMBOLS-YELLOW PAINT	GAL	4.00
0770	620011260	WORDS AND SYMBOLS-WHITE EPOXY	GAL	139.00
0780	620011265	WORDS AND SYMBOLS-YELLOW EPOXY	GAL	4.00
0790	620012955	TEMPORARY STRIPING	LNFT	7,328.00
0800	620013000	STRIPING-WHITE PAINT	GAL	188.00
0810	620013960	STRIPING-WHITE EPOXY	GAL	194.00
0820	620014000	STRIPING-YELLOW PAINT	GAL	88.00
0830	620014960	STRIPING-YELLOW EPOXY	GAL	96.00

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SPECIAL PROVISIONS

FEDERAL AID PROJECT NO(S). CMDP 118-1(5)0 & NH 118-1(7)0

(REVISED 4-03-25)

The following special provisions are hereby made part of the contract and supplement and/or supersede any sections of the Standard Specifications of Road and Bridge Construction, adopted by the Montana Department of Transportation and the Montana Transportation Commission and all supplements thereto in conflict therewith.

The following documents are hereby incorporated by reference into this contract:

- "Question and Answer Forum":

Question and Answer Forum

- "Standard Specifications for Road and Bridge construction":

Standard Specifications January 2025

- The most recent version of the Detailed Drawings:

Detailed Drawings

- The most recent version of the Materials Manual:

Materials Manual January 9, 2025

The latest version of the Standard Specifications, Biannual updates, and revision summaries can be found at the following website: Standard Specifications

The Question-and-Answer Forum opens at 5:00 p.m. on the bid letting advertisement date and closes at 10:00 a.m. on the Monday before the bid letting. If Monday is a state holiday, the forum will close on Friday before the bid letting at 3:00 p.m. Answers provided by the Department to the questions, clarifications, and notifications can be posted up to 5:00 p.m. on the day before the letting.

The U.S. Department of Transportation (DOT) operates a toll-free number at 1-800-424-9071, 24 hours a day - 7 days a week. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use this number to report such activities. All information will be treated confidentially, and callers may remain anonymous.

The Department attempts to provide reasonable accommodations for any known disability that may interfere with a person participating in any service, program, or activity of the Department. Alternate accessible formats of this document will be provided upon request. If reasonable accommodation is needed to participate in Department bid lettings, call the Civil Rights Bureau at 444-6331 or TTY 406-444-7696 [TTY 1-800-335-7592 (toll free)].

1. PROJECT DESCRIPTION [102]

N 7TH AVE INT IMPROV – BOZEMAN (CMDP 118-1(5)0): Signal upgrades, ADA sidewalk upgrades, intersection improvements, grading, gravel, plant mix surfacing, seal & cover, and pavement markings on the N 7th Ave Int Improv – Bozeman project located in Gallatin County. The project is located on N 7th Avenue in Bozeman and includes improvements at the following intersections: W Mendenhall St, Durston Rd/W Peach St, W Tamarack St, W Oak St. The project begins south of N 7th Ave/W Mendenhall St intersection near RP 0.0, extends north, and ends north of N 7th Ave/W Oak St intersection near RP 1.0.

N 7TH AVENUE – BOZEMAN (NH 118-1(7)0): Cold milling, overlay, crack seal, seal & cover, bituminous pavement removal & replacement, and pavement markings on the N 7th Avenue - Bozeman project located in Gallatin County. The project is located on N 7th Avenue in Bozeman and begins at W Main Street near RP 0.0, extends north, and ends at Nikles Drive/Wheat Drive near RP 1.4.

2. CONTRACT TIME [108] (REVISED 1-21-16)

The work begins on the effective date stated in the Notice to Proceed (NTP) and is to be completed in 43 Working Days. The NTP will be issued with an effective date of July 28, 2025.

3. CITY OF BOZEMAN NOISE MITIGATION

A. Description. MDT has obtained preliminary approval from the City of Bozeman for night construction activities to improve traffic impacts and safety on the project. The Contractor is required to obtain the required noise exemption waiver from the City of Bozeman. As part of the waiver request the Contractor is required to develop a plan with mitigation measures for noise and light impacts due to construction activities.

B. Materials. Vacant.

C. Construction Requirements.

1) Waiver Request. The contractor is responsible for obtaining the noise exemption waiver from the City of Bozeman.

2) Identification of Mitigation Strategies. As part of the waiver request the contractor should identify mitigation measures to be utilized for the project. Specific attention is required by the City of Bozeman along the residential areas between Oak St and Beall St and specific mitigation strategies should be included in the waiver request. Some mitigations measures which can be utilized are identified below but mitigation strategies are not limited to those listed.

a) Downward-facing light to avoid glare projecting beyond the Right of Way.

b) Limiting nosier work such as milling to evening hours rather than late night.

c) Instructions for limiting reverse maneuvers where possible to lessen backup alarms.

d) Regular crew and staff training on noise reduction techniques and measures.

e) Signage with phone numbers and web link for project information and complaints.

3) The contractor is responsible for implementing and monitoring all mitigation measures identified and included in the noise waiver request.

4) If complaints are received the contractor is responsible for any required remedy including monitoring noise levels if required.

D. Method of Measurement and Basis of Payment. This work is not measured separately for payment.

4. SEQUENCE OF OPERATIONS [108]

A. Description. This work is the staging of construction operations to complete activities in accordance with the construction and timing requirements.

B. Materials. Vacant.

C. Construction Requirements.

1) In addition to the requirements of Subsection 104.05, Maintenance of Work, and Subsection 108.04, Limitation of Operations, schedule operations in sequences outlined below to provide the least amount of inconvenience possible to the traveling public, pedestrians and adjacent property owners.

2) All work requiring lane closures, excluding chip seal work, is to be completed at night (7:00pm – 7:00am). Meet the Noise Mitigation measures and requirements of the City of Bozeman and the Special Provisions. Maintain one lane for each direction at all times during working hours. Return traffic to original configuration at the end of each work shift.

3) Make provisions meeting approval of The City of Bozeman and Gallatin County to always provide for the travel of emergency and fire vehicles.

4) Provide updates to the USPS for closures and planned changes.

5) Coordinate milling, paving, sidewalk work, and approach construction with the Project Manager and the adjacent property owners so access is maintained at all times. Keep intersection streets and alleys open at all times. Provide single use signs to direct traffic to businesses as necessary.

6) Maintain local access to businesses and residences. Temporary alternate accommodation for local access must be coordinated with the property owners to the satisfaction of the owners and by approval of the Project Manager.

7) Use approved pedestrian traffic control devices to route pedestrians around construction activities. Maintain all existing pedestrian movements at all times unless approved by the Project Manager. Positive separation meeting MUTCD and ADA must be used to separate pedestrians from work zones and/or traffic.

8) Complete construction activities involving sawcut of existing asphalt prior to placing of final asphalt.

9) Perform roadway operations to provide the least amount of disruption possible to Whittier Elementary School, Bozeman High School, and Montana State University Bozeman.

10) Special Events. No work and no lane closures are permitted during the following special events.

a) Montana State University Graduation (December 12, 2025 and May 8, 2026)

b) Montana State University Home Football Games (typically scheduled August-December on select Saturdays)

c) Montana State University Homecoming Weekend (typically scheduled Saturday-Sunday during a Home Football Game)

d) Montana State University – Fall Move In Weekend (typically scheduled Saturday-Sunday in mid-August before the first day of school)

e) Sweet Pea Festival (typically scheduled Friday-Sunday in early August)

f) Big Sky Country State Fair (typically scheduled Wednesday-Sunday in late July)

11) Adjacent Project Coordination. Coordinate lane closures and work timing with adjacent projects to minimize impacts related to multiple construction projects. The following are construction projects that should be coordinated with at a minimum. The Contractor should also coordinate with the City of Bozeman for projects located adjacent to this project.

a) N 19th Avenue – Bozeman; NH 412-1(2)0

b) Belgrade-Bozeman; IM 90-6(171)301

12) Construct Sta. 309+63 LT and Sta. 312+55 LT approaches one-half at a time. Maintain one-half of approaches to be open for access at all times to the extent possible. [CMDP 118-1(5)0]

13) Coordinate sidewalk and approach work with businesses to provide the least amount of disruption possible. Notify business owners at least two weeks in advance of the demolition of their sidewalk or approach. [CMDP 118-1(5)0]

14) Limit the number of street corner ADA locations disturbed for construction at any given time to eight (8) unless otherwise approved by the EPM. [CMDP 118-1(5)0]

15) Progressive work needs to be maintained on each sidewalk area and approach once the existing concrete is removed, and all work must be completed in a timely manner. [CMDP 118-1(5)0]

16) Do not start cold milling until the hot plant is operational and the mix design has been approved. [NH 118-1(7)0]

17) Alternate Sequence of Operations may be submitted for Project Manager review. The Department will consider alternate sequencing such that other requirements of these provisions are satisfied, and the proposed sequence reduces impacts to the travelling public.

D. Measurement and Payment. All work required by this provision is measured and paid for at the unit quantities and prices bid for the respective items of the contract. Where work is specified and not distinctly covered by a unit quantity and price, that work is considered incidental to and absorbed in the various bid items of the contract and no separate payment will be made.

5. 7TH AVENUE HYDRANT RELOCATIONS DESIGN REPORT [CMDP 118(5)0]

Complete fire hydrant relocation work as outlined in the City of Bozeman 7th Avenue Hydrant Relocations Design Report.

6. CONTRACT DOCUMENTS [102] (REVISED 1-9-25)

The following documents are now available within the Contractors Reference Material on the Department's Contracting and Bidding webpage https://www.mdt.mt.gov/business/contracting/ :

1) Table of Contractor's Submittals. (Revised 3-7-24)
2) Traffic Control Rate Schedule (Revised 3-9-23)
3) Erosion Control Rates (Revised 1-09-25)

7. DISADVANTAGED BUSINESS ENTERPRISES (DBE) REQUIREMENTS [102] (REVISED 2-23-23)

The DBE goal for this contract is 0.00%. Use the AASHTOWare Project BidsTM Electronic Bid System (EBS) to print the DBE submittal and timing requirements. If the contract does not have a project-specific goal, the field will display in the AASHTOWare Project BidsTM bid file as a blank field.

List the DBE commitments in the EBS file. An on-line DBE Directory is available at: https://app.mdt.mt.gov/ess-dbe/.

If the DBE goal cannot be met, show a good faith effort per the Good Faith Effort Criteria and supporting forms, available at: http://www.mdt.mt.gov/publications/forms.shtml. Submit the Good Faith Effort documentation within 48 hours of the bid opening.

8. DBE USAGE [102] (REVISED 11-16-23 M)

Contract specific goals are not placed on contracts; however, the Department has an overall 6.3% DBE goal it must achieve. To assist contractors in determining their DBE commitment level, the Department has reviewed the estimates for this contract and has established an aspirational goal of 11.7% DBE usage. Although not a contract requirement, the Department believes that the aspirational goal can realistically be achieved through race neutral measures based on current availability of DBEs and standard competitive procurement processes. While the utilization is not mandatory to be awarded the project, continuing utilization of DBE firms on contracts supports the success of Montana's DBE Program.

Any project listing a 0% DBE aspirational goal does not mean that a DBE may not be used on that project. A 0% DBE aspirational goal may have been established due to any of the following reasons:

- Limited identified subcontracting opportunities;
- Minimal contract days; and/or,
- Small contract dollar amount.

Contractors are encouraged to identify any opportunities to subcontract to DBEs.

The Department's DBE directory may be found at the following website: https://app.mdt.mt.gov/ess-dbe/.

9. LABOR REQUIREMENTS [102] (REVISED 9-19-24)

Pay the minimum wage rates contained elsewhere in the bid package. Comply with the required contract provisions contained in the form FHWA 1273 included with this contract. To obtain more information, contact the Department's Construction Engineering Services Bureau at 2701 Prospect, Helena, MT (406)475-2258, (800)335-7592 (TTY) or (406)444-7297 (Fax).

Executive Orders 13658 and 13706 do not apply to this contract.

10. NEW SUBCONTRACTORS [102] (ADDED 4-04-24)

The contract amount will be increased by a maximum of $10,000 via change order if the Prime Contractor uses a DBE or SBE certified firm that has not worked on a federal-aid MDT contract in the past three years. The incentive amount will be applied in accordance with the following table.

Subcontract Amount	Added Contract Amount
≤ $15,000	$1,000
$15,001-$50,000	$2,500
$50,001-$100,000	$5,000
≥ $100,000	$7,500

Note: The table is representative for one subcontract.

Payment will be made once the subcontract has been fully executed and will be paid under the bid item NEW DBE-SBE INCENTIVE.

11. SMALL BUSINESS ENTERPRISES REQUIREMENTS [102] (ADDED 5-16-24)

Rescind “DBE requirements” and replace with “DBE and SBE requirements” within the following subsections:

1) 102.02 Contents of Bid Package.
2) 102.07 Bidding Requirements.
3) 102.08J Rejection of Bid Proposal.

12. BIDDER’S PROPOSED AGGREGATE SOURCE(S) [103] (REVISED 4-28-22)

No later than 7 calendar days after the date of bid-opening (the date of bid opening to count as the first full day), submit to ECCB form MDT-CON-106-02-3 in accordance with Subsection 103.11.

13. PARTNERING [105] (ADDED 1-11-24 M)

In accordance with Subsection 105.05.1, this contract requires Level (II) facilitation.

14. BUILD AMERICA, BUY AMERICA (BABA) [106] (REVISED 1-11-24)

Furnish construction materials manufactured in the United States. Construction materials include articles, materials, or supplies that are or consist primarily of:

- Non-ferrous metals.
- Plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables).
- Glass (including optic glass).
- Fiber optic cable (including drop cable).
- Optical fiber.
- Lumber.
- Drywall, and
- Engineered wood.

Construction materials exclude cement and cementitious materials, aggregates including stone, sand, or gravel, or aggregate binding agents (e.g., asphalt binder) or additives (e.g., polymer modifiers and admixtures).

Manufacturing processes for the construction material must occur in the United States. Manufacturing processes for each of the bulleted construction materials above are defined in 2 CFR 184.6 and are summarized below.

a) Non-ferrous metals: Initial smelting or melting through final shaping, coating, and assembly.

b) Plastics: Initial combination of plastic, polymer based, or composite materials until item is in its final form.

c) Glass: Initial batching and melting, annealing, cooling, and cutting.

d) Fiber Optic Cable: Initial ribboning, buffering, and fiber stranding and jacketing.

e) Optical Fiber: Initial preform fabrication through completion of draw.

f) Lumber: Initial debarking, treatment, and planing.

g) Drywall: Initial blending of gypsum, cutting, and drying of sandwiched panels.

h) Engineered Wood: Initial combination of constituents until item is in its final form.

BABA preference applies to articles, materials, and supplies that are consumed in, incorporated into, or affixed to a project. It does not apply to tools, equipment, and supplies brought to the construction site and removed at or before the completion of the project (e.g., temporary aluminum scaffolding). Buy America preference does not apply to equipment and furnishings that are used at or within the finished infrastructure project but are not permanently affixed to the structure (e.g., movable chairs, desks, or computer equipment used at or within the project but are not integral or permanently affixed to a structure).

2 CFR 184 applies to all construction materials on projects receiving federal financial assistance funds. Submit Form MDT-MAT-407 “Manufacturer’s Certificate of Compliance” for every material identified as a construction material in the Department’s Materials Manual Section MT 601 furnished to the project. For all other materials, documentation will be required upon request. Do not incorporate construction materials into the project until all required documentation is submitted to the Department. Ensure that suppliers and manufacturers understand the BABA and contract requirements to supply the required documentation.

The Department will not accept items installed until all supporting documentation has been reviewed and is found to be in accordance with the contract requirements. Insufficient or unavailable documentation or documentation showing products containing construction materials of foreign origin are grounds for removal and replacement at the contractor’s expense.

The Department has designated contract materials as “construction materials” by their respective 9-digit material codes in section MT 601 of the Montana Materials Manual. However, the Department recognizes there will be situations where a product or material may not fit the designation indicated in section MT 601. In these cases, submit documentation demonstrating or justifying the supplier or manufacturer’s position that their specific item has been misclassified to the Project Manager at least 10 business days in advance of installation. The Department, in conjunction with FHWA, will review the submitted documentation and decide as to how that specific product or material will be classified. These determinations will be final and will require the appropriate necessary documentation as defined above.

The US DOT has found that it is in the public interest to issue a waiver of BABA’s domestic preferences in certain situations. For Construction Materials, the domestic preference may be waived if the total value of non-compliant material is under $1,000,000 or 5% of the total applicable project costs, whichever is less. Submit actual individual material costs, minus manufacturing costs outside the defined manufacturing processes outlined above, along with justification in the form of invoices, bills of lading, or other appropriate documents to the Department if requesting the waiver.

The above waiver does not apply to iron and steel and the existing de minimis standard for iron and steel under 23 CFR 635.410(b)(4) continues to apply.

Projects with a total contract value of $500,000 or less are exempt from all domestic preference regulations including steel and iron.

15. CONSTRUCTION EQUIPMENT ON STRUCTURES [107] (REVISED 9-21-23) [NH 118-1(7)0]

A. Description: Requirements associated with the operation of equipment on structures.

B. Definition. The following definition applies to this special provision:

1) Equipment. Any vehicle or machine weighing more than 5000 pounds.

C. Construction Requirements. Do not use bridges as work platforms, work bridges, or to support or move equipment without the Project Manager's written approval.

1) For bridges having no posted load restrictions and no removal of deck concrete (not milled), provide a full engineering submittal for approval for all equipment utilizing outriggers

on the structure and for any equipment not already approved under one of the following conditions:

a) Legal Loads. A vehicle that is a legal load as defined by Section 61-10 MCA.

b) Pre-Approved Equipment. The equipment is currently listed on MDT's Approved Construction Equipment List (ACEL) and will be operated according to any conditions stated in the ACEL.

2) For bridges with a posted load restriction or if bridge deck concrete is partially milled or removed, submit a full engineering submittal for approval for any of the following cases:

a) Equipment weight exceeds 25 tons.

b) Vehicle weight and configuration does not satisfy the posted load restriction.

c) More than one piece of equipment will be simultaneously located on a span.

d) Concrete removal results in significant debonding of the top mat of deck reinforcing steel. The Project Manager, in conjunction with the Bridge Bureau, will determine if significant debonding is present.

e) Repairs to bridge beams or truss members are specified in the contract and repairs are not complete.

f) Equipment outriggers will be used.

3) Full engineering submittal requirements. Submit an engineering analysis and report performed by a Professional Engineer registered in Montana.

a) Engineering analysis. Clearly describe loading conditions and assumptions and provide calculations. Investigate an envelope within which the equipment may function without damaging the structure or endangering workers or the public. MDT proposes the following topics, at a minimum. Provide additional information when necessary.

(1) Load Cases.

(a) Minimum suggested live load vehicles are Type 3 and Type 3S2 trucks in live load combinations from AASHTO "Manual for Condition Evaluation of Bridges."

(b) Consider all loads on the bridge including axle loads, outriggers, equipment dynamic forces, and wind forces on the load, the boom, and the equipment. Consider deflection and secondary force effects. Include traffic live load if the structure will carry traffic during equipment operations.

(c) Investigate different loading combinations for all configurations. Include the distribution of dead load and changing center-of-gravity of the equipment with and without load at different boom extensions, rotations, and elevations.

(2) Structural Effects. Identify critical members. Determine any conditions under which the equipment cannot safely operate.

(a) Written Report. Provide a report containing a narrative summarizing the results of the analysis. Describe special measures necessary to protect the structure through all phases of the equipment's positioning and use. Include drawings as necessary and indicate any minimum equipment clearances to relevant portions of the structure and to traffic flow. Estimate the work's duration.

D. Method of Measurement. Work associated with this provision is not measured for payment.

E. Basis of Payment. Include all costs associated with the requirements of this provision in the lump sum bid for Structure Analysis. Exception: If a full engineering analysis is required as a result of top mat debonding alone (none of the other criteria listed under C.2 are met) then it will be considered extra work and considered for time extension under 108.07.5.

16. STATUS OF UTILITIES [108] (ADDED 1-1-03) [CMDP 118-1(5)0]

Utility relocation work is not complete and will not be complete as of the letting date and contract award date. Project work must be coordinated with the utility company relocation

activities until the utility relocation work is complete. Under no circumstances will a delay in relocating utility facilities be considered as justification for additional compensation.

Should unforeseen conditions arise which substantially delay the utility relocation work, and the delay results directly in a delay to the project work, make a written request to the department for a time extension, see Subsection 108.07.4.

17. DEPARTMENT CONSTRUCTION TRAINING [108] (REVISED 4-24-25 M)

Do not work during the Department's statewide construction training which will be held March 2, 2026 through March 6, 2026. No time will be charged for Contracts with active construction during this period.

18. SUBCONTRACTING CONSULTANTS [108] (REVISED 2-27-14 M) [CMDP 118-1(5)0]

The following consultants performed work on the project.

- Morrison Maierle

19. NOTICE TO BIDDERS [108] (ADDED 11-21-08)

This project is funded in whole or in part by funds received from the Federal Highway Administration (FHWA), and its construction is wholly contingent on the state's continued receipt of those federal funds. If the federal funds are reduced or not received, the Department may choose to terminate the contract for convenience under the provisions of Subsection 108.10. Any bidder on this project, by submitting its bid, understands and accepts the possibility of the contract being terminated in the event federal funds are reduced or not available and by submitting a bid, each bidder waives any claims for costs or damages other than as specifically allowed by Subsection 108.10.2. In particular, bidders understand and accept that no payment will be allowed for any claimed anticipated profit for work not performed.

20. ENVIRONMENTAL SPECIFICATIONS [208] (ADDED 9-9-21M)

The Contractor is required to review and meet the specifications of the following subsections:

Migratory Bird Treaty Act Compliance – Vegetation Removal	Subsection 208.03.4A(1)
Migratory Bird Treaty Act - Structures	Subsection 208.03.4A(2)

21. PROTECTION OF STORM WATER DRAINAGE SYSTEM AND COMPLIANCE WITH LOCAL PERMIT REQUIREMENTS [208] (REVISED 11-14-24M)

This project is located within an area designated by the Montana Department of Environmental Quality (DEQ) as a regulated MS4. Contact the City of Bozeman Public Works, PO Box 1230, 20 E Olive, Bozeman, MT, 59771, phone 406-582-2916 to determine if additional requirements are in place for construction storm water discharges that would affect this project.

Review Subsection 208.03.1(C) for more information.

22. STORM WATER PERMITTING REQUIREMENTS UNDER THE MT POLLUTANT DISCHARGE ELIMINATION SYSTEM (MPDES) [208] (REVISED 8-10-23)

A. Description. The DEQ regulates storm water discharges under the MPDES program. If the bid package contains blank erosion control plans, a construction storm water discharge permit authorization will be required. If not, a storm water discharge permit authorization may be required for this project depending on Contractor's operations. Sum the disturbance area (as defined by DEQ) identified in the contract with the area of disturbance caused by contractor operations to determine if the permit acreage threshold is exceeded. Contractor operations can include, but are not limited to, the following support activities: staging areas, access roads, material storage areas, temporary concrete, or asphalt batch plants,

borrow areas, areas used for fill placement, etc. If the summed disturbance area is one acre or more, use the DEQ authorization to discharge under the MPDES General Permit for Storm Water Discharges Associated with Construction Activity (General Permit) for this project. In order to facilitate permit transfer, separate NOI packages are required for areas within the right-of-way and areas outside of the right-of-way. A NOI package includes a Notice of Intent, with a topographic map, a SWPPP, the erosion control plans, sage grouse consultation letter, if applicable, and supporting documentation.

Blank Erosion Control Plans, and a topographic map, are provided with the plans if the plans include greater than 1 acre of disturbance. Complete the erosion control plans as required by the general permit. Complete the SWPPP using DEQ's most current SWPPP Form.

B. Materials. Follow the requirements described in the Department's *Erosion and Sediment Control Best Management Practices Manual (December 2016).* Rescind Section 208 detailed drawings. Submit to the Project Manager for review and acceptance BMPs proposed for use that are not included in the Manual.

C. Construction Requirements.

1) MPDES Permit Required.

a) Submit one NOI package and the associated fees to DEQ for ground disturbance areas shown in the plans or within the right-of-way. For ground disturbance areas shown in the plans and any other areas within the right-of-way where Contractor activities causing ground disturbance are planned, the Contractor is the sole permittee until construction is complete and the General Permit is transferred to the Department or another entity.

The Department is not responsible for delays caused by incomplete or inaccurate submittals by the Contractor.

Comply with the requirements of the General Permit and implement the SWPPP. Provide an electronic copy of the NOI Package submitted to DEQ and confirmation for receipt of a complete NOI Package from DEQ to the Project Manager prior to conducting any ground disturbance activities.

Do not begin construction activities until the required copy of the NOI Package submitted to DEQ and confirmation for receipt of a complete NOI Package from DEQ is received by the Project Manager.

b) Furnish and install public signage as required by the General Permit. Include the cost of the required sign(s) in the Temporary Erosion Control Lump Sum bid item. Submit a separate NOI package and the associated fees to DEQ for ground disturbance and support activity areas outside the right-of-way and not shown in the plans. Contractor furnished material sources, staging areas, plant sites, or any other Contractor caused ground disturbance outside the right-of-way and not shown in the plans, are the Contractor's responsibility and must be submitted under a separate NOI package from the ground disturbance within the right-of-way. For all support activities outside the right-of-way which are not part of a larger commercial operation serving multiple unrelated construction activities and will not continue operation beyond the completion of the contracted road construction activity, a notice of intent package must be submitted to DEQ to obtain an authorization under the General Permit. Sand and gravel borrow area operations, gravel pits, and/or concrete batch plants that will continue operation beyond the completion of the contracted road project, are part of a larger commercial operation, or serving multiple unrelated construction activities, must obtain permit coverage under the Multi-Sector General Permit for Storm Water Discharges Associated with Industrial Activity (MSGP) regardless of acreage size of the activity if the activity does not already have MSGP authorization. The Contractor is the sole permittee until stabilization is complete and the General Permit is terminated or transferred to another entity. The Department is not responsible for delays caused by incomplete or inaccurate submittals to DEQ by the Contractor.

Provide copies of all NOI Packages submitted to DEQ and confirmations for receipt of complete NOI Packages from DEQ to the Project Manager prior to conducting any ground disturbance activities.

Be responsible for all temporary erosion, sediment, and pollution prevention controls for Contractor furnished material sources, staging areas, plant sites, or any other Contractor caused ground disturbance outside the right-of-way and not shown in the plans.

c) Complete and document all inspections in accordance with the requirements of the General Permit. Use DEQ's most current self-inspection form available online at: https://deq.mt.gov/files/Water/WQInfo/Documents/WPBForms/2023-Attachment-B-MTR100000.pdf. Provide a copy of all inspection reports to the Project Manager within 7 calendar days of the inspection.

Report potential noncompliance in accordance with applicable regulations, guidance, and permit conditions. Submit to the Project Manager within 7 calendar days of sending or receiving all correspondence to or from regulatory agencies regarding potential noncompliance or violations.

The temporary erosion and sediment control measures and devices to prevent pollution and control sediment transport and soil erosion will be inspected as part of the final inspection to ensure they are maintained and functioning properly. Do not transfer or terminate the General Permit coverage until the BMPs are inspected and accepted and all records required under the permit, including inspection and monitoring reports, are furnished to the Project Manager and authorization is received from the Department. The Department may require that certain BMPs be replaced by another type of BMP as a condition of permit transfer.

Upon approval of site conditions, measures, devices and all pertinent records, the Department will notify the Contractor to begin the Permit Transfer Notification in DEQ FACTS. Once completed, provide verification that all fees have been paid and the permit is ready for transfer in DEQ FACTS. The Department is not liable for the completeness or accuracy of Contractor records completed prior to the permit transfer. Ensure permit conditions and responsibilities are met until confirmation of the transfer is received from DEQ. Defend and hold the Department harmless from any violations, claims, enforcement actions, penalties or fines issued for Contractor activities or recordkeeping that occurred prior to the transfer of the General Permit.

If the Department concurs that final stabilization has been met during the final walk-through, the Contractor may submit a Notice of Termination form to DEQ. Pay the annual fee invoice due at the time of termination. Submit the annual fee invoice to the Project Manager for reimbursement.

2) MPDES Permit not Required.

The BMP-Administration item is included in contracts that may not meet either criteria for an MPDES permit but include ground disturbing activities. Complete BMP inspections and install BMPs, if necessary, in accordance with Section 208, if no storm water permit is required. Utilize form MDT-ENV-014, Water Pollution Control Inspection Report. A certified SWPPP Administrator is not required to conduct the inspections if no permit is required.

D. Method of Measurement. DEQ MPDES fees and monitoring costs associated with obtaining and maintaining the General Permit for ground disturbance areas both within and outside the right-of-way are not measured separately for payment.

If no permit is necessary, include the cost of all erosion control, devices, and inspections in the BMP-Administration bid item.

E. Basis of Payment. No additional payment will be made for the DEQ MPDES fees and monitoring costs associated with the General Permit. Include these costs in the Temporary Erosion Control-Lump Sum bid item.

For project including the BMP-Administration item, include the cost of all erosion control, devices, and inspections in the BMP-Administration bid item. Partial payment for the BMP-Administration will be monthly based on the lump sum contract price in accordance with Table 208-2 in Subsection 208.05.1.

Payment for BMPs required by an event or extra work, and approved by the Project Manager, will be measured and paid for in accordance with the Erosion Control Rate Schedule contained in the contract at a unit price of $1.00 per unit.

23. POTENTIAL FOR PETROLEUM CONTAMINATED SOIL [CMDP 118-1(5)0]

A. Description. Petroleum contamination in soil and groundwater may be present in the area of the project between approximately Stations (Sta.) 49+30 and 101+50, due to multiple closed/resolved Department of Environmental Quality Leaking Underground Storage Tank (LUST) sites, located at the intersections of 7th Avenue and Mendenhall Street (Sta. 49+30 and 55+20), 7th Avenue and Peach Street (Durston) (Sta. 78+00), 7th Avenue and Tamarack Street (Sta. 81+65), and 7th Avenue and Oak Street (Sta. 101+50). Although these LUST cases are resolved with DEQ, due to the urban nature of this corridor it is possible that petroleum-contaminated soils could be encountered if deep excavations are needed to conduct the scope of work. Petroleum contaminated soil is generally recognized by a petroleum odor and/or gray or black staining of the native material or fill and can be confirmed by the presence of a hydrocarbon odor, field screening or laboratory analysis.

B. Materials. Reserved.

C. Construction Requirements. Notify Project Manager and MDT Environmental Services if petroleum contaminated soil is encountered. Upon approval from the Department, remove visibly stained and odorous material and dispose of at a license landfill accepting such waste. Keep out of water.

D. Measurement and Payment. Transport and disposal of the contaminated soil is measured by the unit of contaminated soil for the work performed as directed in writing by the Engineer. Such payment will be in full compensation for all resources necessary to complete this item of work and in accordance with Standard Specification 109.04.1.

24. KARST ASBESTOS [CMDP 118-1(5)0]

A. Description. The project is located within an area where anthophyllite asbestos ore may be encountered. The former Milwaukee Road railroad spur line was used to haul ore from the Karst asbestos mine to processing locations and ore stockpiles were present at a location near Gallatin Gateway. In addition, abandoned ore stockpiles were used as a borrow source by local contractors and Karst asbestos ore has been found in county road approaches and under sidewalks along Main Street in Bozeman. Undiscovered areas of Karst asbestos ore may be present throughout the project area.

B. Materials. Reserved.

C. Construction Requirements.

1) Stop work if Karst asbestos ore is encountered within the project area.

2) Notify the MDT Project Manager (PM). If the area is determined to pose a hazard to the traveling public, close off all access to the area as directed. Work may continue in unaffected areas believed to be safe. Once notified of the contaminated asbestos area, the Department will determine whether a separate Contractor will be used to assess and clean up the contaminated site before permitting the Contractor to resume work in the contaminated area.

3) Do not handle suspected asbestos material without authorization by the PM.

D. Method of Measurement. Reserved.

E. Measurement and Payment. Payment for additional work required for the cleanup of asbestos contamination will be in accordance with Standard Specification 109.04.2 Force Account Basis.

Karst Asbestos Ore – Gallatin County, Montana



25. PLANT MIX SURFACING MIX DESIGN TRANSFERS [401] (ADDED 5/15/2025)

Submit a mix design in accordance with Section 401. The following mix design considerations will be made for contracts requiring binder meeting the requirements of AASHTO M 332.

1) For contracts specifying 58V-34 or 58H-34, an unexpired, verified and approved PG 70-28 mix design may be considered for transfer provided it is modified to use the contract specified M 332 MSCR binder.

2) For contracts specifying 58H-34, an unexpired, verified and approved PG 64-28 or 58V-34 mix design may be considered for transfer provided it is modified to use the contract specified M 332 MSCR binder.

3) For contracts specifying 58S-34, an unexpired, verified and approved mix design utilizing the binder grades above will be considered for transfer provided it is modified to use the contract specified M 332 MSCR binder.

The contract specified binder will not be changed and not all mix designs described above may be eligible for transfer. Submit form MDT-MAT-009 to document the original mix design change of binder grade to the contract specified M 332 binder grade.

26. RIDE SPECIFICATION CATEGORY (SINGLE) [401] (REVISED 12-13-12)

This is a Category III project.

27. MASTIC CRACK SEAL [NH 118-1(7)0]

A. Description. This work consists of cleaning and sealing the asphalt pavement cracks in the roadway surface with Mastic sealant.

B. Furnish Mastic in accordance with ASTM D8260 for cracks wider than 1.5 inch (38mm) wide, or in accordance with the Manufacturer’s recommendations.

C. Construction.

1) Do not apply on wet or frosty surfaces. Follow manufacturers’ recommendations for temperature and surface conditions.

2) Ensure the joint or crack has been properly cleaned using compressed air following the manufacturer’s recommendations. Vegetation that cannot be removed using compressed air must be removed using other means. Do not rout cracks to be filled with mastic.

3) Apply mastic repair material immediately after cleaning the crack or joint. Prevent mastic from flowing out of the end of the crack.

4) Place mastic using the appropriate melter (hot pot). Equipment must be capable of heating the product in a melting device. The melter must be equipped with an effective horizontal agitator system that can maintain a uniformly mixed product, have a thermostatically

controlled hot oil jacketed heating system, and have an effective means of dispensing the product.

5) Pour into the prepared areas at the proper application temperature. Ensure the hot-applied material is levelled and the edges are feathered down to the roadway surface using an appropriately sized shoe for the crack.

6) Open to traffic only after mastic material has fully cooled and solidified.

D. Method of Measurement and Basis of Payment. Mastic repair material will be measured and paid for by the pound of CRACK FILLING - MASTIC.

28. COLD MILLING [411] (ADDED 10-11-12)

After cold milling, do not leave the remaining pavement exposed to traffic more than 24 hours before placing the plant mix surfacing.

29. DECORATIVE CONCRETE/STAMPED CONCRETE [CMDP 118-1(5)0]

A. Description. Construct 4-inch-thick pigment-dyed patterned and colored sidewalk at the locations specified in the contract. Construct in accordance with the applicable sections of the Specifications and the Detailed Drawings for sidewalk. Use only integral colors. No staining of concrete is allowed.

B. Materials.

1) Standard sidewalk in accordance with specification 608.

2) Use sorrento red for the pigment color and a conventional brick pattern.

3) Concrete Cure and Seal. Furnish a clear sealer for curing and finishing meeting color manufacturers' recommendations.

4) Joint Sealant. Furnish a clear joint sealant for all control joints or non-decorative joints meeting color manufacturer's recommendations.

C. Construction.

1) Color and texture concrete following the professional standards of the manufacturer and the American Concrete Institute.

2) Pattern the concrete utilizing a brick style pattern and having decorative joints with a maximum depth of 1/2". Decorative joints do not require sealant. Coordinate locations of control joints with the adjacent gray sidewalk and curb, as applicable.

3) Submit the following to the Project Manager for approval at least 30 calendar days prior to concrete construction.

a) Color and pattern samples.

b) A list of all materials to be used in the construction of the colored concrete and the manufacturer's specifications and recommendations for use of materials.

c) A descriptive procedure for how the colored, patterned concrete will be constructed, explaining the jointing pattern.

d) Documentation that all materials are compatible and will not cause unsightly discoloration or other undesirable effects in the finished work.

D. Method of Measurement. Decorative concrete/stamped concrete is measured by square yard.

E. Basis of Payment. Decorative concrete/stamped concrete is measured for payment at the unit bid price of SIDEWALK – CONCRETE 4 IN COLORED. Payment is full compensation for preparation, materials, coloring, placing, finishing, and hand-tooling of the colored sidewalk.

30. NEW DROP INLET CONNECTIONS [CMDP 118-1(5)0]

A. Description. Connecting the new curb or drop inlets to the existing storm drain laterals, or other new curb or drop inlets.

B. Materials. PVC pipe SDR 26, per Standard Specification 708.05. Flexible calder type adapter coupling with stainless steel bands. Concrete for encasing couplers.

C. Construction Requirements.

1) Install connections per Standard Specification 708.05 and bed PVC per Detail Drawing 603-20 for flexible pipe.

2) Connections to existing lateral storm drain pipe:

a) Lateral pipe materials, shapes, and dimensions are not known. Field verify existing lateral pipe material, shape, and dimension prior to ordering new pipe extensions and couplers. Use PVC pipe extensions closely matching the size of the existing lateral pipe.

b) Locate and connect to the existing storm drain lateral within the construction limits using PVC pipe. To the extent possible align the new lateral pipe with the alignment of the existing lateral pipe without bends.

c) Connect existing lateral pipes to PVC pipe extension of similar outside diameters by use of flexible calder type adapter couplings clamped to pipes with stainless steel bands and concrete encased.

D. Method of Measurement and Basis of Payment. The work described in this provision is not measured separately for payment.

31. FIELD VERIFY DRAINAGE STRUCTURES [CMDP 118-1(5)0]

Field verify the size and type of the existing curb inlet barrels prior to ordering the new frame and grate.

32. DETECTOR – RADAR / PRESENCE [CMDP 118-1(5)0]

A. Description. Furnish a radar presence detection system to detect vehicles for traffic signal operation.

B. Materials. Furnish a complete detection system including radar presence detector, cabinet interface, and necessary mounting hardware approved or provided by the manufacturer. The cabinet interface will provide communication, power, and surge protection for four (4) detection units. The cabinet interface will provide ethernet connectivity and an SDLC port. Furnish radar detection cable as specified and approved by the manufacturer of the radar detection equipment.

The radar presence detection system is used to detect and report presence for vehicles within a 90-degree field of view with a range of 6 feet up to a 140-foot arc from the sensor.

Furnish a detection system that holds a call for presence while a vehicle remains in the detection zone and operates in a temperature range of –40 °F to +165 °F (-40 °C to +74 °C) and maintains accurate performance in all weather and light conditions. The radar presence detection system will provide at least 8 RF channels so that multiple units can be mounted in the same vicinity without causing interference between them.

Furnish any additional cable, terminations, jumpers, connectors, and any miscellaneous equipment required to make this a complete and functional system as part of this item.

The radar presence detection system is required to have automatic and manual configuration of lanes, stop bars, and zones. The radar detection system must include software for saving detector configurations and firmware upgrading.

Ensure that a factory representative of the radar detection system manufacturer is present at the traffic signal turn-on to give technical assistance in setting up, checking out, and demonstrating that the system meets functional and operational requirements.

C. Construction Requirements. Mount the radar detection units as approved by the manufacturer at the locations shown on the plans. Connect the radar detector to the detection cable as approved by the manufacturer and install the radar detection cable as a single continuous run from the traffic signal cabinet to each radar detector connection. Splicing the radar detection cable is not allowed. Seal any wire entrance holes drilled in the signal standard as approved by the project manager.

D. Method of Measurement and Basis of Payment. Payment is for furnishing and installing each radar detection sensor, power/communication cable, and mounting hardware.

Also include equipment required in the cabinet, software, and all items necessary for a complete and functional system.

33. DETECTOR – RADAR /ADVANCE [CMDP 118-1(5)0]

A. Description. Furnish a radar detection system for advance detection of vehicles for traffic signal operation.

B. Materials. Furnish a complete detection system including radar advance detector, cabinet interface, and necessary mounting hardware approved or provided by the manufacturer. The cabinet interface will provide communication, power, and surge protection for four (4) detection units. The cabinet interface will provide ethernet connectivity and an SDLC port. Furnish RADAR detection cable as specified and approved by the manufacturer of the radar detection equipment.

The radar advance detection system is used to detect and report the presence of vehicles within a detection area of 50 feet to 600 feet from the sensor.

Furnish a detection system that holds a call while a vehicle remains in the detection zone and operates in a temperature range of −40°F to +165°F (−40°C to +74°C) and maintains accurate performance in all weather and light conditions. Furnish a radar advance detection system that provides at least 8 RF channels in order that multiple units can be mounted in the same vicinity without causing interference between them.

Include any additional cable, terminations, jumpers, connectors, and any miscellaneous equipment required to make this a complete and functional system as part of this item.

The radar advance detection system is required to have automatic and manual configuration of lanes and zones. The radar detection system must include software for saving detector configurations and firmware upgrading.

Ensure that a factory representative of the radar detection system manufacturer is present at the traffic signal turn-on to give technical assistance in setting up, checking out, and demonstrating that the system meets functional and operational requirements.

C. Construction Requirements. Mount the radar detection units as approved by the manufacturer at the locations shown on the plans. Connect the radar detector to the detection cable as approved by the manufacturer and install the radar detection cable as a single continuous run from the traffic signal cabinet to each radar detector connection. Splicing the radar detection cable is not allowed. Seal any wire entrance holes drilled in the signal standard as approved by the Project Manager.

D. Method of Measurement and Basis of Payment. Payment will be for furnishing and installing each radar detection sensor, power/communication cable, mounting hardware, other equipment required in the cabinet, software, and all items necessary for a complete and functional system.

34. INSTALL CONTLR/TRAF-ACTUATOR [CMDP 118-1(5)0]

A. Description. The state will furnish the controller cabinet.

B. Construction Requirements. Transport the controller cabinet from the Department of Transportation building in Helena to the construction site and install it. Give a minimum of five working days advance notice to the traffic engineering section before arriving to pick up the controller cabinet. Contact Erich Wulfekuhle at 406-444-7246.

The date arranged for the signal turn-on will be mutually agreed to and be as close as possible to the contractors' desired turn-on date.

C. Method of Measurement and Basis of Payment. Payment is for each cabinet in place and operational.

35. PUSH BUTTON/PEDESTRIAN-TACTILE [CMDP 118-1(5)0]

A. Description. Furnish new tactile pedestrian push buttons (APS or Accessible Pedestrian Signal).

B. Construction Requirements. Voice Messaging is required. Furnish the required cable between the pedestrian signal head and the pedestrian push button (Accessible Pedestrian Signal) per manufacturer's recommendation and include as part of this bid item. Refer to Subsection 703.10.1 for more information.

C. Method of Measurement and Basis of Payment. Payment is for each tactile pedestrian push button (APS or Accessible Pedestrian Signal) installed and operational.

36. REMOVE AND RESET EXISTING POLE [CMDP 118-1(5)0]

A. Description. Remove and reset an existing luminaire pole and luminaire.

B. Construction Requirements. Remove and reset the existing luminaire pole as indicated in the Plans. Furnish four new anchor bolts with two hex nuts and two washers per bolt as specified in the Plans as part of this item. Verify the existing anchor bolt circle before pouring the new foundation.

C. Method of Measurement and Basis of Payment. Payment will be per each for removal and resetting of the equipment as described above.

37. SIGNAL HEAD MOUNTING [CMDP 118-1(5)0]

A. Description. Use Plumbizer mounting hardware where signal heads are attached to mast arms.

B. Construction Requirements. Attach between top and second display of the signal head.

C. Method of Measurement and Basis of Payment. Payment for this work will be included in the bid item for the associated signal head.

38. POWDER COAT FINISH [CMDP 118-1(5)0]

A. Description. Powder coat new signal standards and new type 1-100 poles at three of the intersections on 7th Ave: 7th/Peach, 7th/Tamarack and 7th/Oak. Powder coat the signal standards, type 1-100 poles, and associated hardware with a midnight blue finish matching existing standards. Prepare the galvanized surface as directed by the coating manufacturer before application of the powder coat. Protect the finish during transport and installation. Repair any damage to the finish. Do not powder coat anchor bolts and associated hardware. Do not powder coat traffic and signal indication housings. The powder coat process may require adequate lead time. Coordinate powder coat scheduling to ensure project delays are avoided.

B. Materials. Furnish materials fully conforming to Subsection 710.03 and of a "midnight blue" finish color matching existing standards.

C. Construction. Powder coat in accordance with Section 612 of the Standard Specifications.

D. Method of Measurement and Basis of Payment. Include all costs associated with delivering/furnishing powder coating materials, application, and labor under the associated signal standard and type 1-100 per each bid items.

39. REMOVE AND SALVAGE MISC ELECTRICAL [CMDP 118-1(5)0]

A. Description. Remove and salvage equipment as indicated in the Plans.

B. Construction Requirements. Take care not to damage equipment. Securely attach all miscellaneous parts associated with salvaged equipment (e.g., nuts, bolts, washers, caps, hand-hole covers) to the equipment to prevent loss or damage. Dispose of removed wiring. Remove and dispose of foundations.

Give two working days advance notice to the Maintenance Superintendent before delivery of salvaged equipment. Deliver, removed equipment, to the MDT Maintenance yard in Belgrade, S-205 Frontage Road at MP 22.1. Contact: Ted Jones (406) 556-4704 to prearrange date and location to deliver. Neatly place equipment at a prearranged location. Supply

personnel and equipment to unload salvaged equipment. MDT personnel will not unload salvaged equipment.

C. Method of Measurement and Basis of Payment. Payment is lump sum, which includes removing, salvaging, disposal, and delivery to MDT.

40. RESET SIGNING [CMDP 118-1(5)0]

A. Description. This work is the resetting of signs within the project limits when in conflict with the work required in the contract, contractor operations or as directed by the Project Manager.

B. Construction Requirements. Repair any damage to these items resulting from construction operations up to and including replacement, to the satisfaction of the Project Manager.

C. Method of Measurement and Basis of Payment. This work is not measured separately for payment.

41. REMOVE AND RESET MISC ELECTRICAL [CMDP 118-1(5)0]

A. Description. Remove and reset an existing solar powered RRFB. Remove and reset traffic signal heads as indicated in the plans.

B. Construction Requirements. Remove and reset the existing RRFB located in the northwest corner of W Peach St and N 5th Ave to a new signpost and sign. See signing plans for location of new signpost and sign. Remove and reset signal heads where indicated in the plans.

C. Method of Measurement and Basis of Payment. Payment will be lump sum for removal and resetting miscellaneous electrical as described above.

42. BROADBAND RADIO [CMDP 118-1(5)0]

A. Description. This provision describes the requirements for furnishing and installing a broadband radio to provide ethernet communication to the traffic signal controller.

B. Materials. Furnish an Intuicom broadband radio that operates in the 5.8GHz frequency band and meets FCC requirements. Furnish a radio with an integrated flat panel antenna and IP-67 rated enclosure to withstand harsh environments. Radio must be rated to operate between a range of -40°F and 140 °F. Provide a Power-over-Ethernet (PoE) injector with power supply, surge protection, cat5 cable as approved by the manufacturer and all necessary mounting hardware for complete installation.

C. Furnish a traffic signal interface switch with a minimum of 8 copper ports and 2 Small Form-factor Pluggable (SFP) ports that is DIN rail mountable. Furnish a hardened managed switch with layer 2 functionality that meets NEMA TS-2 requirements. Include a power supply and cabling to power the switch from a standard 120 VAC outlet.

D. Construction Requirements. Install the radio on the pole as shown in the plans.

a) Field drill a hole in the pole as appropriate for cable entrance.

b) Smooth sharp edges and treat the hole with cold galvanizing compound.

c) Furnish and install a cable-protecting grommet where the cat5 cable enters the pole.

d) Route the cat5 cable in a continuous run from the radio to traffic signal cabinet and provide a minimum of 6ft coiled in the bottom of the cabinet.

e) Connect the cat5 cable to the radio as directed by manufacturer, to create a weatherproof seal.

f) Provide necessary grounding of the radio surge protector inside the traffic signal cabinet as directed by the Traffic Signal Engineer.

g) The Traffic Signal Engineer will make all final connections inside the traffic signal cabinet and be responsible for programming the radio. During the traffic signal turn-on, aim the radio as directed by the Traffic Signal Engineer to provide optimal signal strength.

E. Methods of Measurement and Basis of Payment. Broadband radio is measured and paid per each.

43. HIGH EFFICACY LUMINAIRE LED [CMDP 118-1(5)0]

A. Description. Install luminaires that use light-emitting diodes (LED) as a light source. Replace existing HPS Luminaires with LED luminaires having the following rated lumens:

Existing Luminaire	LED Replacement
150 W HPS	17,600 lumens
250 W HPS	17,600 lumens
400 W HPS	26,700 lumens

B. Materials. Provide luminaires with a die cast aluminum housing and a universal four-bolt slip fitter mount. Provide luminaires utilizing arrayed discreet LEDs - COB (chip-on-board) LEDs will not be accepted. Provide luminaires with a light distribution of type 2. Provide luminaires rated at 17,600 delivered lumens. Provide luminaires having a field adjustable drive current selector with a range of 350 milliamps to 700 milliamps. Specify a drive current setting of 450 mA. Submit Backlight, Uplight, and Glare (BUG) ratings. Provide luminaires that have an uplight rating of U1 or less. Provide luminaires that meet ANSI C136.37 standards for solid state light sources. Provide luminaires with an LED optical assembly that has an ingress protection rating of IP66. Provide luminaires that are photometrically tested by certified independent testing laboratories in accordance with IES LM-79 testing procedures. Use a correlated color temperature (CCT) of 4000 K and a minimum color rendering index (CRI) of 70. Use LEDs that are mercury and lead free. Use LEDs that are tested in accordance with IES LM-80 testing procedures. Use LEDs rated to produce a minimum of 90% intensity at 100,000 hours of life based on IES TM-21 (L90). Submit a TM-21 report for the LEDs. Provide a power supply with a minimum power factor of .90 and a maximum total harmonic distortion (THD) of 20% or less. Provide surge protection with a minimum of ANSI/IEEE C62.41 category C protection. Wire luminaires for 240-volt operation. Provide access to electrical components without the use of tools. Provide luminaires that are UL listed for use in wet locations. Provide a minimum 10-year manufacturers' warranty for the entire luminaire assembly including material, workmanship, photometrics, power supply and LED modules. If more than 10% of the LED's fail within an individual luminaire within the warranty period, the luminaire must be repaired or replaced. Powder coat the luminaire assembly housing with a black finish using a Polyester Urethane or TGIC Polyester. Protect the finish during transport and installation. Repair any damage to the finish.

C. Construction Requirements. Adjust luminaires at night to provide the best roadway lighting distribution. Adjust luminaires so they are level from side to side to limit glare.

D. Method of Measurement and Basis of Payment. Payment is for each LED Luminaire in place and operational, which includes furnishing and installing the LED Luminaire, mounting hardware, and making all necessary electrical connections. Provide any additional equipment required as part of this bid item.

44. LONG TERM VARIABLE MESSAGE BOARDS [618] (ADDED 3-09-23 M)

A. Description. Furnish, install, maintain, and remove 2 portable variable message boards (VMS).

B. General.

1) Install VMS at the following locations or as approved by the Project Manager.

Location	Description
Determined by EPM	

2) Install VMS 7 working days prior to the start of initial traffic control setup and construction operations. Provide traffic a warning message as approved by the Project Manager and shown in the Contractor's Traffic Control Plan. This message will alert traffic to the upcoming project limits and suggest alternate route(s).

3) At the start of construction operations, provide a message warning traffic of the anticipated project delays and suggest alternate route(s) as approved by the Project Manager.

4) Remove VMS as directed by the Project Manager. VMS not removed within 12 hours of notification will be subject to a 15% deduction in the unit bid price for each instance.

5) Furnish VMS that meet MUTCD requirements.

6) VMS must be capable of providing 2 phases with 3 lines and 8 characters per line. Characters must be a minimum of 18 inch in height.

7) If a safe and visible installation location cannot be found, construct a pad that provides a safe, level location to install the message board adjacent to traffic.

C. Method of Measurement. Portable variable message boards will be measured by each.

Construction of pad(s) will be measured and paid for in accordance with Subsection 109.04.

D. Basis of Payment. Portable variable message sign will be paid by each and includes all costs associated with installing, maintaining, and removing the boards. This item will be paid under bid item 618 100 005 Portable Variable Message Sign.

45. REMOVE AND RESTORE OR REMOVE AND RELOCATE SPRINKLER SYSTEM OR DRIP SYSTEM (FORCE ACCOUNT) [CMDP 118-1(5)0]

A. Description. Identify all existing above ground and underground sprinkler and drip systems throughout the project. Remove and salvage accessible components in conflict with the work. Restore or relocate the systems and replace in-kind all irrigation components that are removed or destroyed. Restore the systems to full operation after new construction is complete.

B. Materials. Vacant.

C. Construction Requirements.

1) Review the site with Project Manager, sprinkler system owner, and landowner to determine the appropriate measures to avoid damage to irrigation systems or for the removal and restoration or removal and relocation of the systems. Remove accessible components of the existing systems prior to sod removal or sidewalk excavation. Submit an irrigation plan for approval prior to beginning construction of the repairs.

2) Replace damaged irrigation system components with identical materials at no cost to the owner or the Department. Use care to avoid damage to the remaining system as excessive damage is the responsibility of the contractor.

3) All irrigations facilities must be activated after construction activities are complete to ensure spray patterns meet landowner and Project Manager approval.

D. Method of Measurement. Measurement of this item will be by force account as outlined in the Standard Specification 109.04.2.

E. Basis of Payment. To facilitate the tracking of costs, the contractor is required to coordinate this work with the Project Manager prior to beginning work. Failure to coordinate the work with the Project Manager will result in no payment made for labor and material. Document all material and labor costs for approval by the Project Manager for payment. Payment will be made under the bid item Miscellaneous Work.

46. LANDSCAPING [CMDP 118-1(5)0]

A. Description. This work consists of providing the necessary equipment and materials to accomplish repair of all existing landscaped areas disturbed by construction activities, as directed by the Project Manager.

B. Construction Requirements.

1) Salvage and/or furnish sufficient quantities of landscaping surface material (i.e., landscaping rock, mulch, weed barrier) and place to match existing. Salvage and/or furnish sufficient quantities of topsoil meeting Subsection 713.05 to place 3 inches over all disturbed areas previously topsoiled.

2) Replace all shrubs, bushes, and other plantings disturbed or damaged to match the original condition or as directed by the Project Manager. Replace disturbed weed barrier and disturbed landscaping mulch and rock.

C. Method of Measurement and Basis of Payment. This work is not measured separately for payment.

47. SODDING [CMDP 118-1(5)0]

A. Description. This work consists of providing the necessary equipment and materials to install sod on all areas behind new sidewalk, as indicated in the plans, or as designated by the Project Manager. Sod must be locally grown – within 200 miles of the project area. Sod must be composed of varieties of Kentucky bluegrass, fescue and or perennial rye that is adapted to the climate and soils of the project area. Provide documentation of the source and species/variety composition to the Project Manager at least 2 weeks prior to delivery for approval.

B. Construction Requirements. Refer to Subsection 610.03.

C. Method of Measurement. Sodding is measured in accordance with Subsection 610.04.

D. Basis of Payment. Sodding is paid in accordance with Subsection 610.05.

48. TREE ROOT REMOVAL [CMDP 118-1(5)0]

A. Description. This work consists of removing tree roots that are encountered during the construction. Limit root disturbance of living trees to the extent possible.

B. Construction.

1) Remove living tree roots within the sidewalk cross section. Clearly cut and remove any roots >1” in diameter. Perform work in a manner that prevents ripping action or any action that causes destabilization of living trees.

2) Remove stumps and roots associated with tree removal to a minimum 12-inch depth below finished grade.

3) Restore and replace damaged landscaping adjacent to the tree removal in accordance with the Landscaping Special Provision.

4) Method of Measurement and Basis of Payment. This work is not measured separately for payment

49. SAW CUTTING

Saw-cut concrete and asphalt full depth where existing sidewalk and/or curb and gutter and/or streets are to be cut for replacement of new sidewalk and/or curb and gutter. This work is not measured separately for payment.

END OF SECTION I

MDT NONDISCRIMINATION AND
DISABILITY ACCOMMODATION NOTICE

Montana Department of Transportation ("MDT") is committed to conducting all of its business in an environment free from discrimination, harassment, and retaliation. In accordance with State and Federal law MDT prohibits any and all discrimination and protections are all inclusive (hereafter "protected classes") by its employees or anyone with whom MDT does business:

Federal protected classes	State protected classes
Race, color, national origin, sex, sexual orientation, gender identity, age, disability, income-level & Limited English Proficiency	Race, color, national origin, parental/marital status, pregnancy, childbirth, or medical conditions related to pregnancy or childbirth, religion/creed, social origin or condition, genetic information, sex, sexual orientation, gender identification or expression, ancestry, age, disability mental or physical, political or religious affiliations or ideas, military service or veteran status, vaccination status or possession of immunity passport

For the duration of this contract/agreement, the PARTY agrees as follows:

(1) Compliance with Regulations: The PARTY (hereinafter includes consultant) will comply with all Acts and Regulations of the United States and the State of Montana relative to Non-Discrimination in Federally and State-assisted programs of the U.S. Department of Transportation and the State of Montana, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.

(2) Non-discrimination:

a. The PARTY, with regard to the work performed by it during the contract, will not discriminate, directly or indirectly, on the grounds of any of the protected classes in the selection and retention of subcontractors, including procurements of materials and leases of equipment, employment, and all other activities being performed under this contract/agreement.
b. The PARTY will provide notice to its employees and the members of the public that it serves that will include the following:
    i. A statement that the PARTY does not discriminate on the grounds of any protected classes.
    ii. A statement that the PARTY will provide employees and members of the public that it serves with reasonable accommodations for any known disability, upon request, pursuant to the Americans with Disabilities Act as Amended (ADA).
    iii. Contact information for the PARTY's representative tasked with handling non-discrimination complaints and providing reasonable accommodations under the ADA.
    iv. Information on how to request information in alternative accessible formats.

c. In accordance with Mont. Code Ann. § 49-3-207, the PARTY will include a provision, in all of its hiring/subcontracting notices, that all hiring/subcontracting will be on the basis of merit and qualifications and that the PARTY does not discriminate on the grounds of any protected class.

(3) Participation by Disadvantaged Business Enterprises (DBEs):

a. If the PARTY receives federal financial assistance as part of this contract/agreement, the PARTY will make all reasonable efforts to utilize DBE firms certified by MDT for its subcontracting services. The list of all currently certified DBE firms is located on the MDT website at mdt.mt.gov/business/contracting/civil/dbe.shtml

b. By signing this agreement, the PARTY assures MDT that:

The contractor, sub recipient 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.

c. The PARTY must include the above assurance in each contract/agreement the PARTY enters.

(4) Solicitation for Subcontracts, Including Procurement of Materials and Equipment: In all solicitations, either by competitive bidding, or negotiation, made by the PARTY for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the PARTY of the PARTY's obligation under this contract/agreement and all Acts and Regulations of the United States and the State of Montana related to Non-Discrimination.

(5) Information and Reports: The PARTY will provide all information and reports required by the Acts, Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information and its facilities as may be determined by MDT or relevant US DOT Administration to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the PARTY will so certify to MDT or relevant US DOT Administration, as appropriate, and will set forth what efforts it has made to obtain the information.

(6) Sanctions for Noncompliance: In the event of a PARTY's noncompliance with the Non- discrimination provisions of this contract/agreement, MDT will impose such sanctions as it or the relevant US DOT Administration may determine to be appropriate, including, but not limited to:

a. Withholding payments to the PARTY under the contract/agreement until the PARTY complies; and/or

b. Cancelling, terminating, or suspending the contract/agreement, in whole or in part.

(7) Pertinent Non-Discrimination Authorities: During the performance of this contract/agreement, the PARTY, for itself, its assignees, and successor in interest, agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

Federal

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21;
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 *et seq.*), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 *et seq.*), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 *et seq.*), (prohibits discrimination on the basis of age);
- Airport and Airways Improvement Act of 1982, (49 U.S.C. § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (broadened the scope, coverage, and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975, and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients, and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibits discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 CFR parts 37 and 38;
- The Federal Aviation Administration's Non-Discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which prevents discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of Limited English Proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);

- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. § 1681 *et seq.*).

- Executive Order 13672 prohibits discrimination in the civilian federal workforce on the basis of gender identity and in hiring by federal contractors on the basis of both sexual orientation and gender identity.

State

- Mont. Code Ann. § 49-3-205 Governmental services;

- Mont. Code Ann. § 49-3-206 Distribution of governmental funds;

- Mont. Code Ann. § 49-3-207 Nondiscrimination provision in all public contracts.

(8) Incorporation of Provisions: The PARTY will include the provisions of paragraph one through seven in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and/or directives issued pursuant thereto. The PARTY will take action with respect to any subcontract or procurement as MDT or the relevant US DOT Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the PARTY becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the PARTY may request MDT to enter into any litigation to protect the interests of MDT. In addition, the PARTY may request the United States to enter into the litigation to protect the interests of the United States.

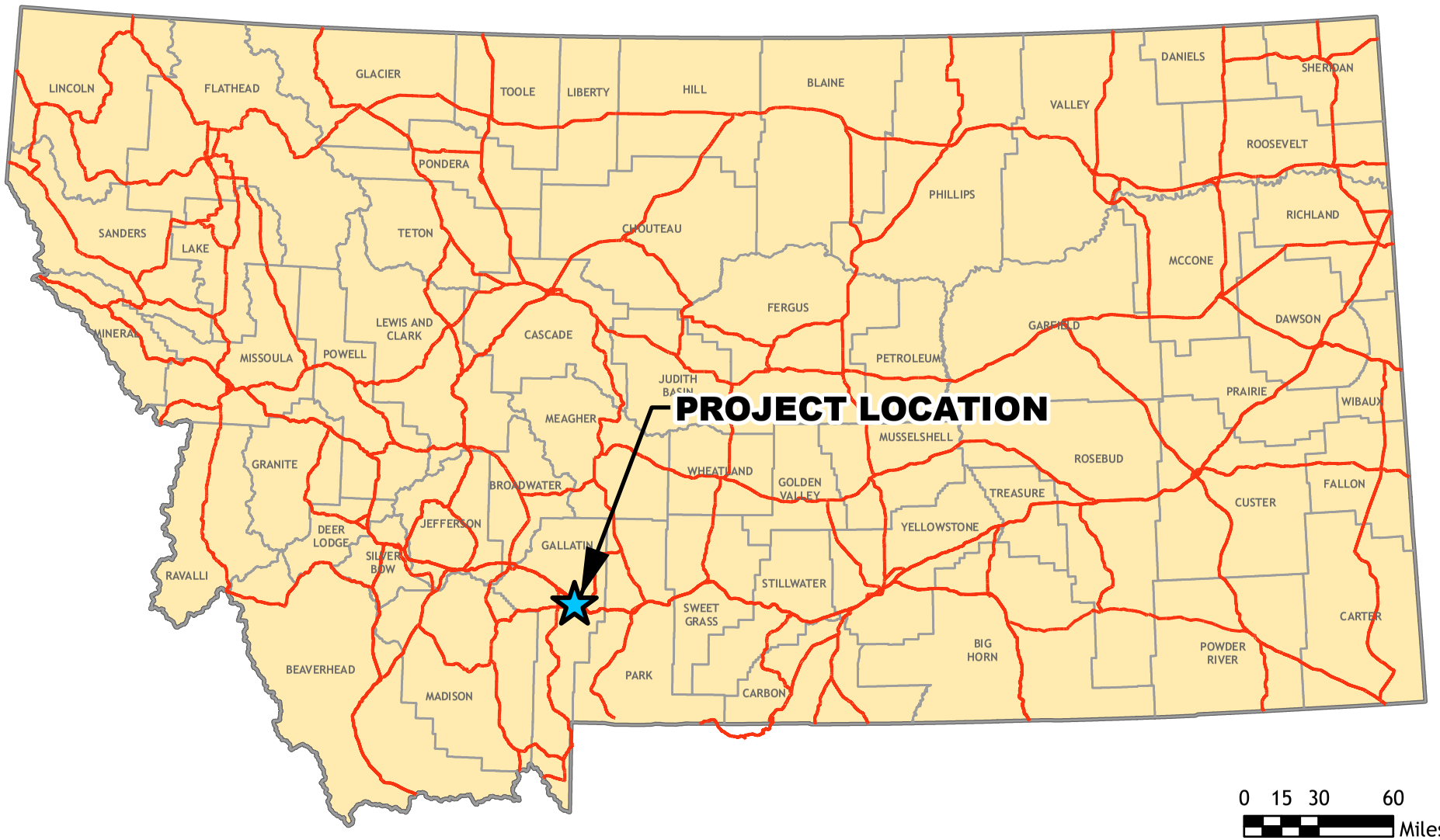
FEDERAL AID PROJECT CMDP 118-1(5)0
TRAFFIC SIGNALS, LIGHTING, TURN LANES & ADA IMPROVEMENTS
N 7TH AVE INT IMPROV - BOZEMAN
CONTROL NUMBER 9313000
PROJECT LOCATION STATE MAP - MONTANA

MONTANA
Department of Transportation

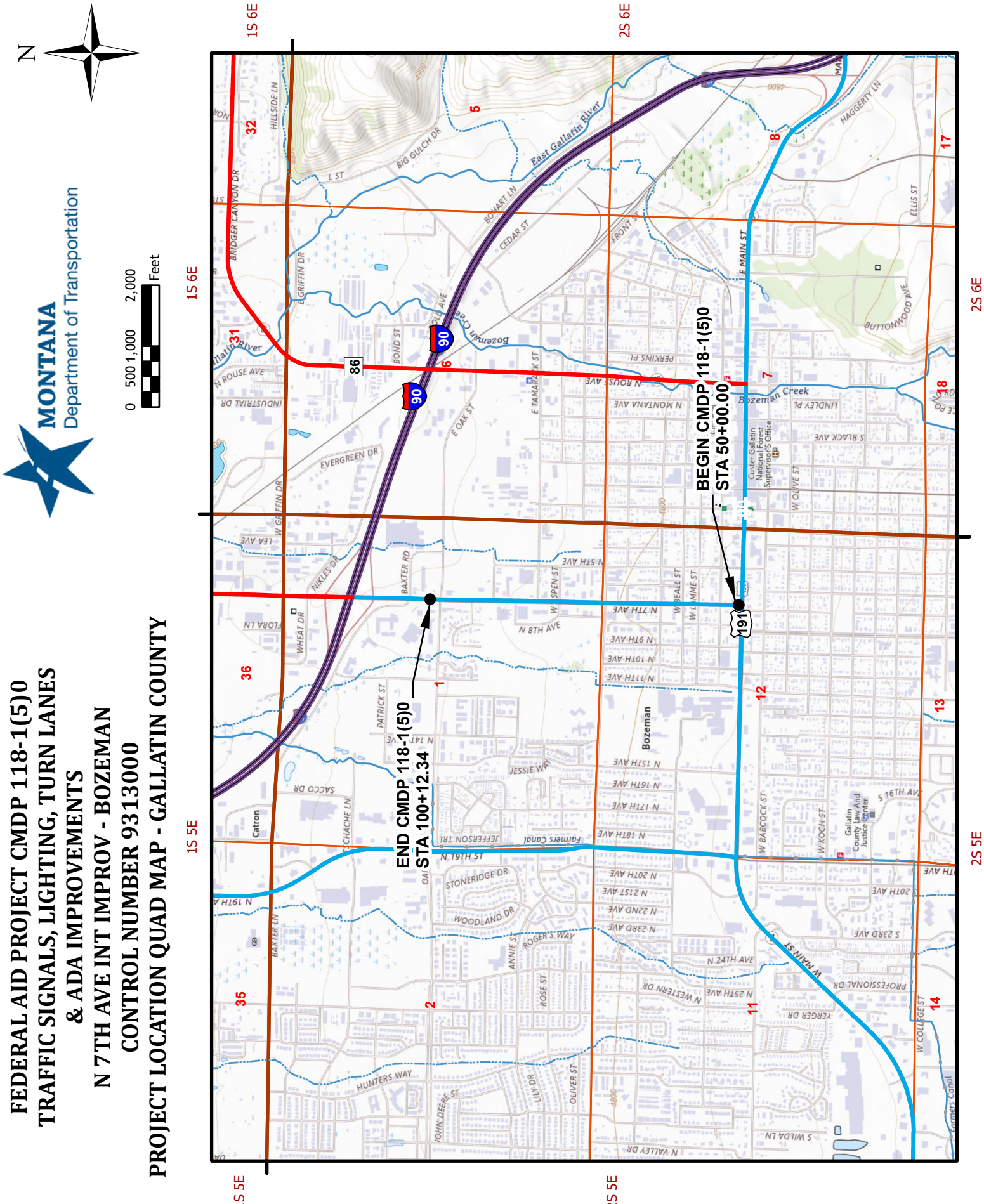
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SECTION II

AWARD COPY



FEDERAL AID PROJECT CMDP 118-1(5)0
TRAFFIC SIGNALS, LIGHTING, TURN LANES & ADA IMPROVEMENTS
N 7TH AVE INT IMPROV - BOZEMAN
CONTROL NUMBER 9313000
PROJECT LOCATION QUAD MAP - GALLATIN COUNTY



STANDARD PROVISIONS INDEX

FEDERAL AID PROJECTS **CONTAINS**

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Requirements & Acknowledgement for Working on Railroad R/W ..... 1 Page

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General Decision Number: MT20250079 01/03/2025

Superseded General Decision Number: MT20240079

State: Montana

Construction Type: Highway

Counties: Montana Statewide

HIGHWAY CONSTRUCTION PROJECTS

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30,2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022.	Executive Order 14026 generally applies to the contract. The contractor must pay all covered workers at least $17.75 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022.	Executive Order 13658 generally applies to the contract. The contractor must pay all covered workers at least $13.30 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours performing on that contract in 2025.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at https://www.dol.gov/agencies/whd/government-contracts

Modification Number	Publication Date
0	01/03/2025

SUMT2023-001 04/01/2022

	Rates	Fringes
CARPENTER		
Carpenter/Piledriverman	$ 36.05	14.23
Millwright	$ 40.87	14.70
CEMENT MASON/CONCRETE FINISHER	$ 33.41	16.51
DIVER		
Diver Tender	$ 45.30	18.38
Diving	$ 92.66	18.38
Stand-By	$ 46.33	18.38

The tender shall receive 2 hours at the straight time pay rate per shift for dressing and/or undressing when work is done under hyperbaric conditions.

Depth Pay (Surface Diving):
0-20 ft.: Free zone
>20-100 ft.: $2.00 per ft.
>100-150 ft.: $3.00 per ft.
>150-220 ft.: $4 00 per ft.
>220 ft.: $5.00 per ft.

Diving in Enclosures (Diver Only):
0-25 ft.: Free zone
>25-300 ft.: $1.00 per ft.

ELECTRICIAN (LINE CONSTRUCTION)		
Equipment Operator	$ 38.38	18.60
Groundman	$ 29.96	17.64
Lineman	$ 50.11	19.88
ELECTRICIAN		
All Areas	$ 39.08	20.00
IRONWORKER	$ 30.43	25.22
LABORER		
Group 1	$ 27.71	12.36
Group 2	$ 30.87	12.36
Group 3	$ 31.10	12.36
Group 4	$ 32.12	12.36

GROUP 1: Flag Person

GROUP 2: All General Labor work; Burning Bar; Bucket Man; Carpenter Tender; Caisson Worker; Cement Mason Tender; Cement Handler (dry); Chuck Tender; Choker Setter; Concrete Worker; Curb Machine-Lay Down; Crusher and Batch Plant Worker; Fence Erector; Form Setter; Form Stripper; Heater Tender; Landscaper; Pipe Wrapper; Pot Tender; Powderman Tender; Rail and Truck Loaders and Unloaders; Riprapper; Sealants for Concrete and other materials; Sign Erection, Guard Rail and Jersey Rail; Stake Jumper; Spike Driver; Signalman; Tail Hoseman; Tool Checker and Houseman; Traffic Control Worker

GROUP 3: Concrete Vibrator; Dumpman (Grademan); Equipment Handler; Geotextile and Liners; High-Pressure Nozzleman; Jackhammer (Pavement Breaker); Laser Equipment; Non-riding Rollers; Pipelayer; Posthole Digger (power); Power Driven Wheelbarrow; Rigger; Sandblaster; Sod- Cutter-power; Tampers

GROUP 4: Asphalt Raker; Cutting Torch; Grade Setter; High- Scaler; Power Saws (Faller & Concrete); Powderman ($1.00 per hour above Group 4 rate); Rock & Core Drill; Track or Truck Mounted Wagon Drill; Welder including Air Arc

PAINTER	$ 36.00	12.84

POWER EQUIPMENT OPERATOR:		
Group 1	$ 32.47	12.77
Group 2	$ 34.55	12.77
Group 3	$ 35.70	12.77
Group 4	$ 36.67	12.77
Group 5	$ 38.05	12.77
Group 6	$ 39.27	12.77
Group 7	$ 41.95	12.77

GROUP 1: Air Compressor; Auto Fine Graders; Belt Finishing Machine; Boring Machine (small); Cement Silo; Crane, A-Frame Truck Crane; Crusher Conveyor; DW-10, 15, and 20 Tractor Roller; Farm Tractor; Forklift; Form Grader; Front End Loader Under 1 CU Yard; Heavy Duty Drills; Herman Nelson Heater; Mulching Machine; Oiler, All Except Cranes & Shovels; Pumpman

GROUP 2: Air Doctor; Backhoe/Excavator/Shovel to and including 3 CU Yard; Bit Grinder; Bituminous Paving Travel Plant; Boring Machine Large; Broom, Self-Propelled; Concrete Travel Batcher; Concrete Float & Spreader; Concrete Bucket Dispatcher; Concrete Finish Machine; Concrete Conveyor; Distributor; Dozer; Rubber-Tired, Push & Side Boom; Elevating Grader/Gradall; Field Equipment Serviceman; Front End Loader 1 CU Yard to including 5 CU Yard; Grade Setter; Heavy Duty Drills, All Types; Hoist/Tugger, All; Hydralift & Similar; Industrial Locomotive; Motor Patrol, Except Finish; Mountain Skidder; Oiler - Cranes & Shovels; Pavement Breaker, EMSCO; Power Saw, Self-Propelled; Pugmill; Pumpcrete/Grout Machine; Punch Truck; Roller, Other Than Asphalt; Roller, Sheepsfoot, Self-Propelled; Roller, 25 Tons and Over; Ross Carrier; Rotomill Under 6 Ft; Trenching Machine; Washing/Screening Plant

GROUP 3: Asphalt Paving Machine; Asphalt Screed; Backhoe/Excavator/Shovel Over 3 CU Yard; Cableway Highline; Concrete Batch Plant; Concrete Curing Machine; Concrete Pump; Cranes; Creter; Cranes, Electric Overhead; Cranes 24 Tons and Under; Curb Machine/Slip Form Paver; Finish Dozer; Front End Loader Over 5 CU Yard; Mechanic/Welder; Pioneer Dozer; Roller Asphalt (Breakdown & Finish); Rotomill, Over 6 FT; Scraper, Single, Twin or Pulling Belly Dump; Yo-Yo Cat

GROUP 4: Asphalt/Hot Plant Operator, Cranes, 25 Tons to 44 Tons; Crusher Operator; Finish Motor Patrol; Finish Scraper

GROUP 5: Cranes, 45 Tons To Including 74 Tons

GROUP 6: Cranes, 75 Tons To Including 149 Tons; Crane, Whirley (All)

GROUP 7: Cranes, 150 Tons To Including 250 Tons (Add $ 1.00 For Every 100 Tons Over 250 Tons; Crane, Tower (All)

TRUCK DRIVER

Group 1	$ 28.21	12.57
Group 2	$ 35.74	12.57

GROUP 1: Pilot Car

GROUP 2: Combination Truck and Concrete Mixer and Transit Mixer; Dry Batch Trucks; Distributor Driver; Dumpman; Dump Trucks and Similar Equipment; Dumpster; Flat Trucks; Lumber Carriers; Lowboys; Pickup; Powder Truck Driver; Power Boom; Serviceman; Service Truck/Fuel Truck/ Tireperson; Truck Mechanic; Trucks With Power Equipment; Warehouseman, Partsman, Cardex and Warehouse Expeditor; Water Trucks

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at

https://www.dol.gov/agencies/whd/government-contracts

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than ""SU"", ""UAVG"", “”SA””, or “”SC”” denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers.0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The ""SU"" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

“”SU”” wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The ""SA"" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA

reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the “”SA”” identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

Has there been an initial decision in the matter? This can be:

*a survey underlying a wage determination
*an existing published wage determination
*an initial WHD letter setting forth a position on a wage determination matter
*an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail to:

Branch of Construction Wage Determinations Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

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END OF GENERAL DECISION

"CONTRACTOR REQUIREMENTS AND ACKNOWLEDGMENT FOR WORKING ON RAILROAD RIGHT-OF-WAY"

This document must be dated and signed by the Contractor and submitted to the State before occupying or working on Railroad right-of-way.

1) No change, which has a direct effect on the Railroad, will be made to construction plans without submitting revised plans and receiving approval from the Railroad. Work covered by the plans, that requires flagging, will be covered by the Railroad/Highway Agreement. For work that is a result of the contractor's discretion, flagging protection will be required when equipment crosses or is working within 25 feet (7.62 meters) of center of any live track. When deemed necessary by local Railroad officers, a flagman may be required at all times while working on Railroad right-of-way in high density rail traffic area.

2) Crossing of any Railroad tracks must be done at approved locations and must be full depth timber, rubber, etc. Any equipment with steel wheels, lugs or tracks must not cross steel rails without the use of rubber tires or other approved protection. This shall apply specifically to, but not be limited to, access for Contractor furnished gravel, borrow or waste sites. The Contractor will be required to obtain a permit from the Railroad, and comply with any provisions thereof, before using any private Railroad crossings. All track crossing locations must be covered by a Private Roadway and Crossing Agreement. This does not apply to any public crossing.

3) Costs of flagging or planking protection of the tracks, which are a direct result of the planned construction, will be paid for by the State. Costs of flagging, planking for protection of the tracks, installation of new crossings or other work caused by the Contractor's discretion, will be paid by the Contractor.

4) When work to be performed by the Contractor is not covered in the Railroad/Highway agreement, the Contractor must furnish a plan to the Railroad for approval showing details as to how any work that may affect the Railroad will be accomplished.

5) Storing of construction materials or any other material, including dirt, sand, etc., within the Railroad right-of-way, will not be allowed unless covered by an easement, construction permit, or Contractor's permit/lease.

6) Construction within 25 feet (7.62 meters) of the center of any track not covered by the Railroad/Highway agreement will require plan approval and authorization by the Railroad Superintendent Maintenance and Engineering. This includes, but is not limited to, any excavation, slope work and driving of sheet piling.

7) No vehicles, equipment or machines shall be parked or stored unattended within 25 feet (7.62 meters) of any track, on railroad right-of-way, without specific written approval of the Railroad.

8) When any work is to be performed on Railroad property by the Contractor that is not shown in the construction plans, the Contractor must submit a detailed plan of the work to the Railroad for their approval.

CONTRACTOR'S ACKNOWLEDGMENT:

_____
Company

By: _____
Name

_____
Title

_____
Date

WORK SITE LOCATION:

_____
Town

_____
State

_____
Project #

Rev. 01/01/04

FHWA-1273 – Revised October 23, 2023

REQUIRED CONTRACT PROVISIONS
FEDERAL-AID CONSTRUCTION CONTRACTS

I. General
II. Nondiscrimination
III. Non-segregated 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. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
XI. Certification Regarding Use of Contract Funds for Lobbying
XII. Use of United States-Flag Vessels:

ATTACHMENTS

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, United States Code, as required in 23 CFR 633.102(b) (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). 23 CFR 633.102(e).

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. 23 CFR 633.102(e).

Form FHWA-1273 must be included in all Federal-aid design-build 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) in accordance with 23 CFR 633.102. 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 solicitation-for-bids or request-for-proposals 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). 23 CFR 633.102(b).

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. 23 CFR 633.102(d).

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. 23 U.S.C. 114(b). The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors. 23 U.S.C. 101(a).

II. NONDISCRIMINATION (23 CFR 230.107(a); 23 CFR Part 230, Subpart A, Appendix A; EO 11246)

The provisions of this section related to 23 CFR Part 230, Subpart A, Appendix A 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 Part 60, 29 CFR Parts 1625-1627, 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), 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 Part 60, and 29 CFR Parts 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), and Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), 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 Part 230, Subpart A, 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 (*see* 28 CFR Part 35, 29 CFR Part 1630, 29 CFR Parts 1625-1627, 41 CFR Part 60 and 49 CFR Part 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 Part 35 and 29 CFR Part 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. 23 CFR 230.409 (g)(4) & (5).

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, sexual orientation, gender identity, 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-the-job 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 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 or other knowledgeable company official.

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.

d. 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, sexual orientation, gender identity, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to ensure 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 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. 23 CFR 230.409. 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, sexual orientation, gender identity, 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 referrals 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, sexual orientation, gender identity, 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 thereunder. 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, sexual orientation, gender identity, 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.

a. The contractor shall notify all potential subcontractors, 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. Assurances Required:

a. The requirements of 49 CFR Part 26 and the State DOT's FHWA-approved Disadvantaged Business Enterprise (DBE) program are incorporated by reference.

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, which may include, but is not limited to:
(1) Withholding monthly progress payments;
(2) Assessing sanctions;
(3) Liquidated damages; and/or
(4) Disqualifying the contractor from future bidding as non-responsible.

c. The Title VI and nondiscrimination provisions of U.S. DOT Order 1050.2A at Appendixes A and E are incorporated by reference. 49 CFR Part 21.

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:

(1) The number and work hours of minority and non-minority 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 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 more than $10,000. 41 CFR 60-1.5.

As prescribed by 41 CFR 60-1.8, 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, sexual orientation, gender identity, 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), in accordance with 29 CFR 5.5. The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. 23 U.S.C. 113. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. 23 U.S.C. 101. Where applicable law requires that projects be treated as a project on a Federal-aid highway, the provisions of this subpart will apply regardless of the location of the project. Examples include: Surface Transportation Block Grant Program projects funded under 23 U.S.C. 133 [excluding recreational trails projects], the Nationally Significant Freight and Highway Projects funded under 23 U.S.C. 117, and National Highway Freight Program projects funded under 23 U.S.C. 167.

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 (29 CFR 5.5)

a. *Wage rates and fringe benefits.* All laborers and mechanics employed or working upon the site of the work (or otherwise working in construction or development of the project under a development statute), 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 basic hourly 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. As provided in paragraphs (d) and (e) of 29 CFR 5.5, the appropriate wage determinations are effective by operation of law even if they have not been attached to the contract. Contributions made or costs reasonably anticipated for bona fide fringe benefits under the Davis-Bacon Act (40 U.S.C. 3141(2)(B)) on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.e. 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 must be paid the appropriate wage rate and fringe benefits on the wage determination for the classification(s) of work actually performed, without regard to skill, except as provided in paragraph 4. of this section. 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 classifications and wage rates conformed under paragraph 1.c. of this section) and the Davis-Bacon poster (WH–1321) must 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. *Frequently recurring classifications.* (1) In addition to wage and fringe benefit rates that have been determined to be prevailing under the procedures set forth in 29 CFR part 1, a wage determination may contain, pursuant to § 1.3(f), wage and fringe benefit rates for classifications of laborers and mechanics for which conformance requests are regularly submitted pursuant to paragraph 1.c. of this section, provided that:

(i) The work performed by the classification is not performed by a classification in the wage determination for which a prevailing wage rate has been determined;

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

(iii) The wage rate for the classification bears a reasonable relationship to the prevailing wage rates contained in the wage determination.

(2) The Administrator will establish wage rates for such classifications in accordance with paragraph 1.c.(1)(iii) of this section. Work performed in such a classification must be paid at no less than the wage and fringe benefit rate listed on the wage determination for such classification.

c. *Conformance.* (1) The contracting officer must 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 be classified in conformance with the wage determination. Conformance of an additional classification and wage rate and fringe benefits is appropriate 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 used 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) The conformance process may not be used to split, subdivide, or otherwise avoid application of classifications listed in the wage determination.

(3) 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 will be sent by the contracting officer by email to *DBAconformance@dol.gov*. 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.

(4) 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 will, by email to *DBAconformance@dol.gov*, refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Administrator for determination. The 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.

(5) The contracting officer must promptly notify the contractor of the action taken by the Wage and Hour Division under paragraphs 1.c.(3) and (4) of this section. The contractor must furnish a written copy of such determination to each affected worker or it must be posted as a part of the wage determination. The wage rate (including fringe benefits where appropriate) determined pursuant to paragraph 1.c.(3) or (4) of this section must 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.

d. *Fringe benefits not expressed as an hourly rate.* 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 may either pay the benefit as stated in the wage determination or may pay another bona fide fringe benefit or an hourly cash equivalent thereof.

e. *Unfunded plans.* 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, in accordance with the criteria set forth in § 5.28, 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.

f. *Interest.* In the event of a failure to pay all or part of the wages required by the contract, the contractor will be required to pay interest on any underpayment of wages.

2. Withholding (29 CFR 5.5)

a. *Withholding requirements.* The contracting agency may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered necessary to satisfy the liabilities of the prime contractor or any subcontractor for the full amount of wages and monetary relief, including interest, required by the clauses set forth in this section for violations of this contract, or to satisfy any such liabilities required by any other Federal contract, or federally assisted contract subject to Davis-Bacon labor standards, that is held by the same prime contractor (as defined in § 5.2). The necessary funds may be withheld from the contractor under this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract that is subject to Davis-Bacon labor standards requirements and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld. In the event of a contractor's failure to pay any laborer or mechanic, including any apprentice or helper working on the site of the work all or part of the wages required by the contract, or upon the contractor's failure to submit the required records as discussed in paragraph 3.d. of this section, the contracting agency may on its own initiative and 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.

b. *Priority to withheld funds.* The Department has priority to funds withheld or to be withheld in accordance with paragraph

2.a. of this section or Section V, paragraph 3.a., or both, over claims to those funds by:

(1) A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;

(2) A contracting agency for its reprocurement costs;

(3) A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;

(4) A contractor's assignee(s);

(5) A contractor's successor(s); or

(6) A claim asserted under the Prompt Payment Act, 31 U.S.C. 3901–3907.

3. Records and certified payrolls (29 CFR 5.5)

a. *Basic record requirements* (1) *Length of record retention.* All regular payrolls and other basic records must be maintained by the contractor and any subcontractor during the course of the work and preserved for all laborers and mechanics working at the site of the work (or otherwise working in construction or development of the project under a development statute) for a period of at least 3 years after all the work on the prime contract is completed.

(2) *Information required.* Such records must contain the name; Social Security number; last known address, telephone number, and email address of each such worker; each worker's correct classification(s) of work actually performed; 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 40 U.S.C. 3141(2)(B) of the Davis-Bacon Act); daily and weekly number of hours actually worked in total and on each covered contract; deductions made; and actual wages paid.

(3) *Additional records relating to fringe benefits.* Whenever the Secretary of Labor has found under paragraph 1.e. of this section 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 40 U.S.C. 3141(2)(B) of the Davis-Bacon Act, the contractor must 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.

(4) *Additional records relating to apprenticeship.* Contractors with apprentices working under approved programs must maintain written evidence of the registration of apprenticeship programs, the registration of the apprentices, and the ratios and wage rates prescribed in the applicable programs.

b. *Certified payroll requirements* (1) *Frequency and method of submission.* The contractor or subcontractor must submit weekly, for each week in which any DBA- or Related Acts-covered work is performed, certified payrolls to the contracting agency. The prime contractor is responsible for the submission of all certified payrolls by all subcontractors. A contracting agency or prime contractor may permit or require contractors to submit certified payrolls through an electronic system, as long as the electronic system requires a legally valid electronic signature; the system allows the contractor, the contracting agency, and the Department of Labor to access the certified payrolls upon request for at least 3 years after the work on the prime contract has been completed; and the contracting agency or prime contractor permits other methods of submission in situations where the contractor is unable or limited in its ability to use or access the electronic system.

(2) *Information required.* The certified payrolls submitted must set out accurately and completely all of the information required to be maintained under paragraph 3.a.(2) of this section, except that full Social Security numbers and last known addresses, telephone numbers, and email addresses must not be included on weekly transmittals. Instead, the certified payrolls need only include an individually identifying number for each worker (*e.g.,* the last four digits of the worker's Social Security number). The required weekly certified payroll information may be submitted using Optional Form WH–347 or in any other format desired. Optional Form WH–347 is available for this purpose from the Wage and Hour Division website at *https://www.dol.gov/sites/dolgov/files/WHD/legacy/files/wh347/.pdf* or its successor website. It is not a violation of this section for a prime contractor to require a subcontractor to provide full Social Security numbers and last known addresses, telephone numbers, and email addresses to the prime contractor for its own records, without weekly submission by the subcontractor to the contracting agency.

(3) *Statement of Compliance.* Each certified payroll submitted must be accompanied by a “Statement of Compliance,” signed by the contractor or subcontractor, or the contractor's or subcontractor's agent who pays or supervises the payment of the persons working on the contract, and must certify the following:

(i) That the certified payroll for the payroll period contains the information required to be provided under paragraph 3.b. of this section, the appropriate information and basic records are being maintained under paragraph 3.a. of this section, and such information and records are correct and complete;

(ii) That each laborer or mechanic (including each helper and apprentice) working 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 29 CFR part 3; and

(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(s) of work actually performed, as specified in the applicable wage determination incorporated into the contract.

(4) *Use of Optional Form WH–347.* The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH–347 will satisfy the requirement for submission of the “Statement of Compliance” required by paragraph 3.b.(3) of this section.

(5) *Signature.* The signature by the contractor, subcontractor, or the contractor's or subcontractor's agent must be an original handwritten signature or a legally valid electronic signature.

(6) *Falsification.* The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under 18 U.S.C. 1001 and 31 U.S.C. 3729.

(7) *Length of certified payroll retention.* The contractor or subcontractor must preserve all certified payrolls during the course of the work and for a period of 3 years after all the work on the prime contract is completed.

c. *Contracts, subcontracts, and related documents.* The contractor or subcontractor must maintain this contract or subcontract and related documents including, without limitation, bids, proposals, amendments, modifications, and extensions. The contractor or subcontractor must preserve these contracts, subcontracts, and related documents during the course of the work and for a period of 3 years after all the work on the prime contract is completed.

d. *Required disclosures and access* (1) *Required record disclosures and access to workers.* The contractor or subcontractor must make the records required under paragraphs 3.a. through 3.c. of this section, and any other documents that the contracting agency, the State DOT, the FHWA, or the Department of Labor deems necessary to determine compliance with the labor standards provisions of any of the applicable statutes referenced by § 5.1, available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and must permit such representatives to interview workers during working hours on the job.

(2) *Sanctions for non-compliance with records and worker access requirements.* If the contractor or subcontractor fails to submit the required records or to make them available, or refuses to permit worker interviews during working hours on the job, the Federal agency may, after written notice to the contractor, sponsor, applicant, owner, or other entity, as the case may be, that maintains such records or that employs such workers, 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, or to permit worker interviews during working hours on the job, may be grounds for debarment action pursuant to § 5.12. In addition, any contractor or other person that fails to submit the required records or make those records available to WHD within the time WHD requests that the records be produced will be precluded from introducing as evidence in an administrative proceeding under 29 CFR part 6 any of the required records that were not provided or made available to WHD. WHD will take into consideration a reasonable request from the contractor or person for an extension of the time for submission of records. WHD will determine the reasonableness of the request and may consider, among other things, the location of the records and the volume of production.

(3) *Required information disclosures.* Contractors and subcontractors must maintain the full Social Security number and last known address, telephone number, and email address of each covered worker, and must provide them upon request to the contracting agency, the State DOT, the FHWA, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or other compliance action.

4. Apprentices and equal employment opportunity (29 CFR 5.5)

a. *Apprentices* (1) *Rate of pay.* Apprentices will be permitted to work at less than the predetermined rate for the work they perform 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 (OA), or with a State Apprenticeship Agency recognized by the OA. A person who is not individually registered in the program, but who has been certified by the OA or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice, will be permitted to work at less than the predetermined rate for the work they perform in the first 90 days of probationary employment as an apprentice in such a program. In the event the OA or a State Apprenticeship Agency recognized by the OA withdraws approval of an apprenticeship program, the contractor will no longer be permitted to use apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(2) *Fringe benefits.* Apprentices must 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, fringe benefits must be paid in accordance with that determination.

(3) *Apprenticeship ratio.* The allowable ratio of apprentices to journeyworkers on the job site in any craft classification must not be greater than the ratio permitted to the contractor as to the entire work force under the registered program or the ratio applicable to the locality of the project pursuant to paragraph 4.a.(4) of this section. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated in paragraph 4.a.(1) of this section, must 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 this section must be paid not less than the applicable wage rate on the wage determination for the work actually performed.

(4) *Reciprocity of ratios and wage rates.* Where a contractor is performing construction on a project in a locality other than the locality in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyworker's hourly rate) applicable within the locality in which the construction is being performed must be observed. If there is no applicable ratio or wage rate for the locality of the project, the ratio and wage rate specified in the contractor's registered program must be observed.

b. *Equal employment opportunity.* The use of apprentices and journeyworkers under this part must be in conformity with

the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

c. 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. 23 CFR 230.111(e)(2). 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 journeyworkers 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 as provided in 29 CFR 5.5.

6. Subcontracts. The contractor or subcontractor must insert FHWA-1273 in any subcontracts, along with the applicable wage determination(s) and such other clauses or contract modifications as the contracting agency may by appropriate instructions require, and a clause requiring the subcontractors to include these clauses and wage determination(s) in any lower tier subcontracts. The prime contractor is responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in this section. In the event of any violations of these clauses, the prime contractor and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss, due to any workers of lower-tier subcontractors, and may be subject to debarment, as appropriate. 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 as provided in 29 CFR 5.5.

9. Disputes concerning labor standards. As provided in 29 CFR 5.5, 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 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 40 U.S.C. 3144(b) or § 5.12(a).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of 40 U.S.C. 3144(b) or § 5.12(a).

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

11. Anti-retaliation. It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:

a. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the DBA, Related Acts, this part, or 29 CFR part 1 or 3;

b. Filing any complaint, initiating or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under the DBA, Related Acts, this part, or 29 CFR part 1 or 3;

c. Cooperating in any investigation or other compliance action, or testifying in any proceeding under the DBA, Related Acts, this part, or 29 CFR part 1 or 3; or

d. Informing any other person about their rights under the DBA, Related Acts, this part, or 29 CFR part 1 or 3.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

Pursuant to 29 CFR 5.5(b), 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 watchpersons 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 worked in excess of forty hours in such workweek. 29 CFR 5.5.

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 and interest from the date of the underpayment. 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 watchpersons and guards, employed in violation of the clause set forth in paragraph 1. of this section, in the sum currently provided in 29 CFR 5.5(b)(2)* 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.

* $31 as of January 15, 2023 (See 88 FR 88 FR 2210) as may be adjusted annually by the Department of Labor, pursuant to the Federal Civil Penalties Inflation Adjustment Act of 1990.

3. Withholding for unpaid wages and liquidated damages

a. *Withholding process.* The FHWA or the contracting agency may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered necessary to satisfy the liabilities of the prime contractor or any subcontractor for any unpaid wages; monetary relief, including interest; and liquidated damages required by the clauses set forth in this section on this contract, 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 that is held by the same prime contractor (as defined in § 5.2). The necessary funds may be withheld from the contractor under this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract that is subject to the Contract Work Hours and Safety Standards Act and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld.

b. *Priority to withheld funds.* The Department has priority to funds withheld or to be withheld in accordance with Section IV paragraph 2.a. or paragraph 3.a. of this section, or both, over claims to those funds by:

(1) A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;

(2) A contracting agency for its reprocurement costs;

(3) A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;

(4) A contractor's assignee(s);

(5) A contractor's successor(s); or

(6) A claim asserted under the Prompt Payment Act, 31 U.S.C. 3901–3907.

4. Subcontracts. The contractor or subcontractor must insert in any subcontracts the clauses set forth in paragraphs 1. through 5. of this section and a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor is responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs 1. through 5. In the event of any violations of these clauses, the prime contractor and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss, due to any workers of lower-tier subcontractors, and associated liquidated damages and may be subject to debarment, as appropriate.

5. Anti-retaliation. It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:

a. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the Contract Work Hours and Safety Standards Act (CWHSSA) or its implementing regulations in this part;

b. Filing any complaint, initiating or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under CWHSSA or this part;

c. Cooperating in any investigation or other compliance action, or testifying in any proceeding under CWHSSA or this part; or

d. Informing any other person about their rights under CWHSSA or this part.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System pursuant to 23 CFR 635.116.

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” in paragraph 1 of Section VI 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: (based on longstanding interpretation)

(1) 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. 23 CFR 635.102.

2. Pursuant to 23 CFR 635.116(a), 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. Pursuant to 23 CFR 635.116(c), 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. (based on long-standing interpretation of 23 CFR 635.116).

5. The 30-percent self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements. 23 CFR 635.116(d).

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 Part 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. 23 CFR 635.108.

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 Part 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). 29 CFR 1926.10.

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 Federal-aid 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 Part 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 11, 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 (42 U.S.C. 7606; 2 CFR 200.88; EO 11738)

This provision is applicable to all Federal-aid construction contracts in excess of $150,000 and to all related subcontracts. 48 CFR 2.101; 2 CFR 200.327.

By submission of this bid/proposal or the execution of this contract or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, subcontractor, supplier, or vendor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal Highway Administration and the Regional Office of the Environmental Protection Agency. 2 CFR Part 200, Appendix II.

The contractor agrees to include or cause to be included the requirements of this Section in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements. 2 CFR 200.327.

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. 2 CFR 180.220 and 1200.220.

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. 2 CFR 180.320.

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. 2 CFR 180.325.

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. 2 CFR 180.345 and 180.350.

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, Subpart I, 180.900-180.1020, and 1200. “First Tier Covered Transactions” refers to any covered transaction between a recipient or subrecipient 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 recipient or subrecipient 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. 2 CFR 180.330.

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. 2 CFR 180.220 and 180.300.

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. 2 CFR 180.300; 180.320, and 180.325. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. 2 CFR 180.335. 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 System for Award Management website (https://www.sam.gov/). 2 CFR 180.300, 180.320, and 180.325.

i. 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 CFR 180.325.

* * * * *

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:

(1) 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 CFR 180.335;.

(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, 2 CFR 180.800;

(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, 2 CFR 180.700 and 180.800; 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. 2 CFR 180.335(d).

(5) Are not a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(6) Are not a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability (USDOT Order 4200.6 implementing appropriations act requirements).

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant should attach an explanation to this proposal. 2 CFR 180.335 and 180.340.

* * * * *

3. **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). 2 CFR 180.220 and 1200.220.

a. By signing and submitting this proposal, the prospective lower tier participant 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. 2 CFR 180.365.

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, Subpart I, 180.900 – 180.1020, 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 recipient or subrecipient 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 recipient or subrecipient 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. 2 CFR 1200.220 and 1200.332.

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. 2 CFR 180.220 and 1200.220.

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 System for Award Management website (https://www.sam.gov/), which is compiled by the General Services Administration. 2 CFR 180.300, 180.320, 180.330, and 180.335.

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 department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment. 2 CFR 180.325.

* * * * *

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

a. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals:

(1) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency, 2 CFR 180.355;

(2) is a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(3) is a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability. (USDOT Order 4200.6 implementing appropriations act requirements)

b. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant should 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 Part 20, App. A.

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.

XII. USE OF UNITED STATES-FLAG VESSELS:

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, or any other covered transaction. 46 CFR Part 381.

This requirement applies to material or equipment that is acquired for a specific Federal-aid highway project. 46 CFR 381.7. It is not applicable to goods or materials that come into inventories independent of an FHWA funded-contract.

When oceanic shipments (or shipments across the Great Lakes) are necessary for materials or equipment acquired for a specific Federal-aid construction project, the bidder, proposer, contractor, subcontractor, or vendor agrees:

1. To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, 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. 46 CFR 381.7.

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 (b)(1) of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Office of Cargo and Commercial Sealift (MAR-620), Maritime Administration, Washington, DC 20590. (MARAD requires copies of the ocean carrier's (master) bills of lading, certified onboard, dated, with rates and charges. These bills of lading may contain business sensitive information and therefore may be submitted directly to MARAD by the Ocean Transportation Intermediary on behalf of the contractor). 46 CFR 381.7.

ATTACHMENT A - EMPLOYMENT AND MATERIALS PREFERENCE FOR APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS ROAD CONTRACTS (23 CFR 633, Subpart B, Appendix B) This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

Supplemental Revisions for FHWA Form-1273 (Dated May 1, 2012)
Required Contract Provisions
Federal-Aid Construction Contracts

The following are supplementary or amendatory to the May 1, 2012, FHWA Form-1273 insofar as they apply to this contract:

Add the following provisions in accordance with the FHWA memo dated December 11, 2015:

Utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, 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.

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 above paragraph 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 20590.

SPECIAL PROVISIONS

EEO AFFIRMATIVE ACTION REQUIREMENTS ON FEDERAL & FEDERAL-AID CONSTRUCTION CONTRACTS

Federal-aid contractors are hereby notified they are subject to the OFCCP goals and economic areas for minority and female participation expressed below. Compliance with the goals and OFCCP affirmative action efforts for contracts and subcontracts consisting of $10,000 or more will be determined by OFCCP officials.

Notice of Requirement for Affirmative Action to Ensure Equal Employment Opportunity (Executive Order 11246)

1. The Offeror's or Bidder's attention is called to the Equal Opportunity Clause and "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth herein.
2. The goals and timetables for minority and female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

GOALS FOR FEMALE PARTICIPATION (statewide) 6.9%

GOALS FOR MINORITY PARTICIPATION IN EACH TRADE
Economic Areas:

152
Non-SMSA (Standard Metropolitan Statistical Area) Counties 4.4%
Daniels, Richland, Roosevelt, Sheridan

153 Great Falls, MT
SMSA Counties
3040 Great Falls, MT 3.2%
Cascade

Non-SMSA Counties 4.1%
Blaine, Broadwater, Chouteau, Fergus, Glacier, Hill, Jefferson, Judith Basin, Lewis & Clark, Liberty, Meagher, Petroleum, Phillips, Pondera, Teton, Toole, Valley, Wheatland

154 Missoula, MT
Non-SMSA Counties 2.7%
Beaverhead, Deer Lodge, Flathead, Granite, Lake, Lincoln, Madison, Mineral, Missoula, Powell, Ravalli, Sanders, Silver Bow

155 Billings, MT
SMSA Counties
0880 Billings, MT 3.3%
Yellowstone

Non-SMSA Counties 3.3%
Big Horn, Carbon, Carter, Custer, Dawson, Fallon, Gallatin, Garfield, Golden Valley, McCone, Musselshell, Park, Powder River, Prairie, Rosebud, Stillwater, Sweet Grass, Treasure, Wibaux, Yellowstone Nat'l Park

These goals are applicable to all the Contractor's construction work (whether or not it is Federal or federally assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and non-federally involved construction.

The Contractor's compliance with the Executive Order and the regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within 10 working days of award of any construction subcontract in excess of $10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor; employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed.