CONTRACT NO. 06R26

Backsfed.082726

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 Section, Room 101, 2701 Prospect, Helena, Montana until 9:00 a.m. on December 3, 2026. All bids will then be publicly opened, reviewed for correctness, and then publicly read.

Federal Aid Project(s):

STPP-NH STWD(635) Glacier County Snow Fence

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).

MONTANA DEPARTMENT OF TRANSPORTATION

Loran Frazier, Chairperson
Montana Transportation Commission

Larry Flynn
Director of Transportation

Contract No.06R26
HB:NB:9619000ADV

MONTANA DEPARTMENT OF TRANSPORTATION
SCHEDULE OF ITEMS

CONTRACT ID: 06R26

PROJECT: STPP-NH STWD(635) 9619635000 GLACIER COUNTY SNOW FENCE

SECTION: 0001 - SNOW FENCING

PROP LINE NO.	ITEM NUMBER	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY
0010	104030010	MISCELLANEOUS WORK	UNIT	5,000.00
0020	105070000	CONTRACTOR SURVEY AND LAYOUT	LS	1.00
0030	107100010	CULTURAL RESOURCE PERSON	DAY	45.00
0040	109200005	MOBILIZATION	LS	1.00
0050	208010000	BMP ADMINISTRATION-LS	LS	1.00
0060	208010200	TEMPORARY EROSION CONTROL-FIXED	UNIT	500.00
0070	607100360	FARM FENCE-PANEL/SINGLE FW	EACH	4.00
0080	607100430	FARM GATE-WIRE-TYPE G-2	LNFT	32.00
0090	607100640	SNOW FENCE - 8 FT	LNFT	2,928.00
0100	607100650	SNOW FENCE -12 FT	LNFT	10,528.00
0110	610100559	REVEGETATION	LS	1.00
0120	618030015	TRAFFIC CONTROL-FIXED	UNIT	500.00
0130	618030080	TRAFFIC CONTROL-LS	LS	1.00

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SPECIAL PROVISIONS

FEDERAL AID PROJECT NO(S). STPP-NH STWD (635)

(REVISED 6-25-26)

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 June 2026
- The most recent version of the Detailed Drawings: Detailed Drawings
- Materials Manual of Test Procedures: Materials Manual June 25, 2026

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 8:00 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]

The Glacier County Snow Fence project consists of snow fence construction and installation at numerous locations from RP 5.7 to RP 6.0 on P-58 (US HWY 89), from RP 212.9 to RP 221.3 on N-1 (US HWY 2) and from RP 106.4 to RP 107.7 on P-3 (US HWY 89) in Glacier County near Browning. The project is located on the Blackfeet Indian Reservation.

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 55 Working Days. The NTP will be issued with an effective date of May 17, 2027.

3. CONTRACT DOCUMENTS [102] (REVISED 1-15-26)

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 1-15-26)
2) Traffic Control Rate Schedule (Revised 3-9-23)
3) Erosion Control Rates (Revised 1-09-25)

4. LABOR AND CIVIL RIGHTS REQUIREMENTS [102] (REVISED 1-15-26)

Executive Orders 13658 and 13706 do not apply to this contract. Pay the minimum wage rates contained elsewhere in the bid package and 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).

Ensure bulletin board requirements contained in the FHWA Form 1273 are met. Please see the following webpage for required bulletin board materials:

Bulletin Board Materials & Requirements

5. SOIL BORING INFORMATION [102] (REVISED 1-16-14)

The Department routinely conducts subsurface investigations and laboratory testing to collect soil, rock and groundwater information ("geotechnical information") within the anticipated limits of upcoming projects and maintains a comprehensive set of this information in its geotechnical file. For this contract, geotechnical information has been collected by the Department and logs of boring summarizing this information have been included in the Special Provisions and Plans. "Logs of Borings" in the Special Provisions and Plans are based on an interpretation of the field investigation and laboratory testing data, and do not include all the geotechnical information that may be available. The geotechnical information contained in the "Logs of Borings" has been edited or abridged and may not reveal all the geotechnical information which might be useful or of interest to the bidder.

The comprehensive set of geotechnical information is considered too voluminous to include in the bidding package. The geotechnical information that the Department has is available for review or copying upon request. Rock core samples are regularly retained as well. All bidders are expected to fully review all of the geotechnical information prior to submitting their bid. The prime bidder is responsible for ensuring that a firm submitting a subcontractor quote for the prime's use is aware of all available geotechnical information.

Submission of a bid without fully reviewing the Department's comprehensive set of geotechnical information or accepting a quote from a subcontractor without verifying that the subcontractor reviewed all available geotechnical information is a business decision by the bidder. Failing to fully review all available geotechnical information waives the contractor from making any claim, whether termed "superior knowledge", "justifiable reliance", "differing site condition", or otherwise, against the Department for any information that may be included in the comprehensive geotechnical information file and not shown, or not fully shown, in the "Logs of Borings" contained in the contract documents.

Soil, rock, and groundwater conditions shown on the logs of boring apply only at the specific boring locations and at the time the borings were made. They are not warranted to be representative of subsurface conditions at other locations or times. Groundwater conditions commonly vary seasonally and from that encountered during drilling. Determination of a material's classification is based in part on judgment and opinion. The Department assumes no responsibility for any variation or misinterpretation of the classification of materials.

Utilize the Question and Answer forum to request additional geotechnical information or to submit questions regarding the geotechnical information. To review all available geotechnical information, submit a request in writing to the Department's Geotechnical Section to schedule a time to review the available geotechnical information. Requests for access should be made a minimum of 10 business days prior to the bid opening.

6. CONTRACTOR SURVEYING AND LAYOUT [105] (REVISED 7-10-14)

Furnish Contractor Survey and Layout in accordance with Subsection 105.08.2.

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

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

8. STEEL PRICE ADJUSTMENT [106] (REVISED 11-13-25)

In accordance with Subsection 106.09.1, the base price per pound of steel for this contract is: $1.15.

9. DOMESTIC MATERIALS REQUIREMENTS [106] (REVISED 11-13-25)

A. Steel and Iron Materials. Furnish iron and steel materials in accordance with subsection 106.09. A manufactured product consisting primarily of steel and iron as defined in 23 CFR 635.410 is accepted under subsection 106.09.

B. Construction Materials. 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.

C. Manufactured Products. Furnish manufactured products as defined in 2 CFR 184.3 that meet the requirements of 23 CFR 635.410. Beginning with the letting of November 13, 2025, the final fabrication of all manufactured products must occur in the United States. Beginning with the November 12, 2026 bid letting, the product must be manufactured in the United States and the cost of the components of the manufactured product that are mined, produced or manufactured in the United States must be greater than 55% of the total cost of all components of the manufactured product.

With respect to precast concrete products that are classified as manufactured products, ensure the components of precast concrete products that consist wholly or predominantly of iron or steel or a combination of both meet the requirements of subsection 106.09.

D. General. Domestic materials 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).

Refer to the decision tree in Section 3.5 of MT 601 to aid in appropriately categorizing specific materials.

Submit Form MDT-MAT-407 “Manufacturer’s Certificate of Compliance” for every material identified as a construction material or manufactured product. Do not incorporate materials covered by Form MDT-MAT-407 into the project until all required documentation is submitted to the Department. Ensure suppliers and manufacturers understand the domestic material and contract requirements to supply the required materials and associated 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 either “construction materials” or “manufactured products” by their respective 9-digit material codes in section MT 601 of the Montana Materials Manual. 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 the appropriate documentation as defined above is required.

The Department further recognizes there will be situations when a product or material may not be addressed in MT 601. In these cases, submit certification of the material’s domestic origin appropriate for the material classification to the Project Manager prior to installation.

The US DOT has found that it is in the public interest to issue a waiver of domestic preferences in certain situations. For construction materials and manufactured products, 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, the existing de minimis standard for iron and steel under subsection 106.09 continues to apply.

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

10. INDIAN RESERVATION WORK [107] (REVISED 8-11-22 M)

Because all or part of this project is located within the external boundaries of an Indian Reservation, the following requirements apply:

1) Read, fully understand, and agree to the provisions here included.

2) Inquire with the designated Tribal official and become familiar with the Tribal requirements, written or not, for work on the Reservation, and submit bid with full knowledge, understanding and acceptance of them. Understand and accept that:

a) the Tribal laws, ordinances, regulations, and requirements have been established by the Tribe as a sovereign entity on the Reservation.

b) The Department has no authority or ability to affect those requirements, and

c) Neither the Tribal government nor any Tribal official or employee is acting in any way as an agent of the Department or the Transportation Commission. The Department and Commission have no control over the actions, inaction, requirements or comments of any Tribal government or employee, and are not bound by them.

3) If Tribal requirements will in any way increase the costs of performing the project, consider those and include all increased costs in bid prices.

4) Ensure that all proposed subcontractors are also fully aware of the Tribal requirements and accepted them when they gave quotes.

5) Understand and agree that employees, and all subcontractors and their employees, are responsible to the Tribe to adhere to and abide by all Tribal laws, ordinances and regulations on work performed on the Reservation, specifically including all Indian hiring and contract fee requirements.

6) Dealings with the Tribe and its requirements, other than those related to the Clean Water Act, aquatic resources permitting, and/or cultural resources, are solely between the Contractor and the Tribe, and must be addressed in the appropriate forum between them alone.

7) By submitting a bid, agree to defend, protect, indemnify, and save harmless the Department and State from any cost or delay caused or allegedly caused by or due to the failure of bidder or any subcontractor to fully comply with Tribal law, ordinance or regulation, or by claimed interference by the Tribe. Claims from such failure or claimed interference will not be considered extra work or compensable delay, but actual, documented and verified interference by Tribal government may be grounds for a contract time extension. Understand that any requests must fully comply with the Contract's claims procedure.

8) By submitting a bid, do so with full understanding and acceptance of all provisions of the Bid Package.

9) For bidder inquiries to the Tribe, or for more information about Tribal requirements other than those related to the Clean Water Act, aquatic resources permitting, and/or cultural resources, it is required to contact the Tribe directly. The point of contact designated by the Tribe for bidders to contact is the liaison listed in the attached Memorandum of Understanding, the main tribal phone number is: (406) 338-7521

10) If a Pre-Bid Conference for the project is provided for in the Contract, a designated, authorized agent of the Bidder attends the Conference.

11. RESERVATION REQUIREMENTS [107] (REVISED 2-27-14 M)

The work on this project is being performed on the Blackfeet Indian Reservation. Included in this proposal package are a Memorandum of Understanding (MOU) and a Project Specific Agreement (PSA). These documents detail agreements between the State and the Blackfeet Tribe that are made a part of this contract. The Contractor must adhere to all requirements contained in these documents. Questions regarding the MOU and PSA will be addressed at the pre-bid conference or if there is no pre-bid for the project, submit the question to the Department’s Question and Answer Forum.

12. SUBCONTRACTING CONSULTANTS [108] (REVISED 2-27-14 M)

The following consultants performed work on the project.

- DOWL, LLC
- Compton Signatures
- Ethnotech, LLC

13. 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.

14. STORM WATER PERMITTING REQUIREMENTS UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) [208] (REVISED 8-31-23)

A. Description. The EPA regulates storm water discharges under the NPDES 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 EPA) 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 EPA authorization to discharge under the NPDES General Permit for Discharges from Construction Activities (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, 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. The blank erosion control plans supplied by the Department do not include Contractor furnished material sources, staging areas, plant sites, or any other site that is not within the project limits. Permit these sites separately. Although permitted separately, the areas of disturbance are considered cumulative with the project disturbance area when determining the requirement for permit coverage. A SWPPP partially completed with "MDT sections" filled in will be provided if permit coverage is sought.

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) NPDES Permit Required.

Submit one NOI package for ground disturbance areas shown in the plans or within the right-of-way. Complete the erosion control plans as required by the general permit. Complete the "Contractor sections" of the SWPPP. Ensure the "Contractor sections" do not conflict with the information the Department provided. Do not modify the SWPPP or the Department's responses. Notify the Project Manager when returning the SWPPP to the Environmental Services Bureau. Return the completed signed SWPPP to the Department at the following address:

Environmental Services Bureau
Attention: Environmental Services Bureau Chief
Montana Department of Transportation
2701 Prospect Ave
PO Box 201001
Helena, MT 59620-1001

Within 7 business days of receiving the completed signed SWPPP, the Department will review the SWPPP. If the Contractor's portions of the SWPPP are not complete, the SWPPP will be returned to the Contractor for completion. If the Contractor's portion of the SWPPP is complete, the Department's Environmental Services Bureau Chief will sign and certify the SWPPP and send the executed SWPPP to the Project Manager. The SWPPP is not executed until it is signed and certified by both parties. The Department's review of the Contractors'

portion of the SWPPP is limited to the completeness of responses. The Contractor is responsible for the accuracy.

Notify tribes as specified in Section 9.5 of the general permit. Obtain any necessary tribal reviews and approvals as specified. If the EPA or applicable tribes require revised or additional information, submit updated copies of this information to the Project Manager and Environmental Services Bureau within 5 business days of the correspondence.

After execution of the SWPPP, submit a certified NOI to EPA at least 14 calendar days prior to commencing earth-disturbing activities and any applicable tribal authorities as specified in the general permit. Submit electronic NOI to EPA through EPA's Electronic NPDES eReporting Tool (NeT) Home Page at: https://www.epa.gov/npdes/submitting-notice-intent-noi-notice-termination-not-or-low-erosivity-waiver-lew-under.

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

Email copies of the certified NOI, EPA's confirmation letters, and applicable tribal approval letters to the Project Manager and to the Environmental Services Bureau at mdtenoi@mt.gov prior to conducting any ground disturbance activities. Include copies of these documents in the executed SWPPP.

Comply with the requirements of the General Permit and implement the SWPPP. Do not begin ground disturbing activities until the above referenced documents are received by the Project Manager and the Environmental Services Bureau and confirmation from EPA is provided to the Project Manager stating coverage under EPA's CGP is now active for both the contractor and the Department.

Furnish and install public signage as required by the EPA Construction General Permit. Payment for sign(s) is included in the Temporary Erosion Control-Lump Sum bid item.

Submit a separate NOI package to EPA 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. The Contractor is the sole permittee until stabilization is complete and the general permit authorization is terminated or transferred to another entity. The Department is not responsible for delays caused by incomplete or inaccurate submittals to EPA by the Contractor.

Provide a copy of the NOI Package submitted to EPA and confirmation for receipt of a complete NOI Package from EPA 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.

Complete and document all inspections in accordance with the requirements of the General Permit. Use the Department's most current inspection form or other form that conforms to the requirements of the permit. 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. The Department may require that certain BMPs be replaced by another type of BMP as a condition

of permit transfer. Ensure permit conditions and responsibilities are met until permit coverage is assumed by the Department. The Department will notify the Contractor in writing when permit coverage has been assumed. 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 authorization.

2) NPDES Permit not Required.

The BMP-Administration item is included in contracts that may not meet criteria for a NPDES 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. Fees and monitoring costs associated with obtaining and maintaining the NPDES general permit coverage for ground disturbance areas 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 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.

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

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

1. Migratory Bird Treaty Act Compliance – Vegetation Removal	Subsection 208.03.4A(1)
2. AIS Watercraft and Equipment Inspection	Subsection 208.03.2D
3. Aquatic Resource Protection	Subsection 208.03.2A

16. GRIZZLY BEAR – ENDANGERED SPECIES ACT (REVISED 12/09/2021M)

A. Description. This project is located within grizzly bear habitat. Comply with this provision to minimize impacts to the grizzly bear, which is a federally listed species under the Endangered Species Act.

B. Requirements.

1) Follow the requirements of Subsection 208.03.4(E) for all project activities.

2) Personnel are encouraged to have pepper spray available in case bears are encountered during project construction. Personnel are encouraged to receive training in the proper use of pepper spray for bear encounters.

3) Report all grizzly bear sightings immediately to Blackfeet Nation Fish and Wildlife Office (406-338-7207).

4) Notify the Project Manager of any animal carcasses found in the area. The Project Manager will contact MDT Maintenance to promptly remove and dispose of carcasses.

5) Notify the Project Manager of any bears observed in the vicinity of the project. The Project Manager will promptly inform the MDT District Biologist at 406-444-9438 of bear observations.

6) Conduct project-related activities outside of construction limits in accordance with the measures above and Subsection 208.03.4(E).

C. Method of Measurement and Basis of Payment. Requirements in this provision are not measured for payment.

17. CLEAN WATER ACT SECTION 404 PERMIT AND SECTION 401 CERTIFICATION

A. Description. The permanent features as described in this contract do not impact Waters of the US and therefore do not require a Clean Water Act (CWA) Section 404 Permit or Section 401 Certification. However, temporary fills in waters of the US, such as work bridges, work pads, cofferdams, diversions, or other temporary facilities associated with project construction will likely require a Section 404 Permit and 401 Certification for temporary facilities.

B. Section 404 CWA Nationwide Permit 33 Description. Obtain authorization for the temporary features of this project (e.g. work bridges, work pads, cofferdams, diversions, etc.) under US Army Corps of Engineers Nationwide Permit 33 – Temporary Construction, Access, and Dewatering. Pre-construction notification may be required. Review 2026 Nationwide Permit 33 Fact Sheet and 2026 Nationwide Permits Regional Conditions Omaha District - State of Montana and determine if pre-construction notification is required.

1) Pre-construction notification required.

a) Prepare a 404 permit application for Department review utilizing the US Army Corps of Engineers' Regulatory Request System (RRS) https://rrs.usace.army.mil/rrs/.

b) Designate the Contractor as the Owner and the Department as the Applicant. Use MDTUSACEdataManager@mt.gov as the Applicant email. Assign the District Environmental Engineering Specialist read/write access to the request.

c) Complete all applicable RRS fields and upload required attachments, including but not limited to the joint application form, highlighted plans, Biological Resources Report, Aquatic Resources Form, ESA/Section 7 documentation, Section 106 cultural resources documentation, and cover letter.

d) Once a complete submittal has been created, designate the District Environmental Engineering Specialist (DEES) as the Owner. Notify the DEES that the application is ready for review. The Department is not responsible for delays caused by incomplete or inaccurate submittals by the Contractor.

e) Do not begin work on temporary facilities in waters of the United States until MDT has submitted the RRS request to USACE and written confirmation of Section 404 authorization or NWP verification has been provided by the Project Manager

2) Pre-construction notification is not required.

a) Prepare and submit a "No Pre-construction Notification Required" request using the U.S. Army Corps of Engineers' Regulatory Request System (RRS). The RRS submittal must include a description of all Contractor-planned temporary facilities and a restoration plan

b) Provide the Department with a copy of the RRS submittal and Department of Army Letter, including the restoration plan. Allow 5 working days for the Project Manager to review the submittal, letter and restoration plan.

c) For temporary discharges authorized under Nationwide Permit 33 without pre-construction notification, the authorization is valid until March 14, 2031.

3) Obtain the 2026 Nationwide Permit 33 Fact Sheet that fully describes the Nationwide Permit 33 and lists the General Conditions that must be adhered to for this authorization to remain valid.

C. CWA Section 404 Regional Conditions. Obtain and adhere to the 2026 Nationwide Permits Regional Conditions, Omaha District, State of Montana, Effective January 8, 2026, that also apply to this project and must be adhered to for these authorizations to remain valid.

D. CWA Section 401 Water Quality Certification is granted for Nationwide Permit 33 by the Blackfeet Environmental Office (BEO), provided that certain general and special conditions are met.

1) Obtain the water quality certification requirements issued by BEO. Adhere to those general and special conditions.

a) Note: All applicants must notify EPA and the BEO water quality program at least 7 days before construction activities begin.

E. Copies of the 2026 Nationwide Permit Fact Sheet for Nationwide Permit 33, the 2026 Nationwide Permit Regional Conditions for the State of Montana, and BEO's 401 Water Quality Certification requirements for the 2026 Nationwide Permits are available upon request from Environmental Services or on the web at http://www.mdt.mt.gov/business/contracting/environmental/cwa.shtml .

Coordinate with the project manager if you have questions regarding this authorization. Proposed changes to the permanent structures should be directed to the project manager for coordination with the District Project Development Engineer in the Environmental Services Bureau. Temporary facility permitting and/or general permit questions should be directed to the project manager for coordination with the District Environmental Engineering Specialist.

18. SNOW FENCE COORDINATION

A. Description. This special provision describes the work required to coordinate installation and provide openings between snow fence runs.

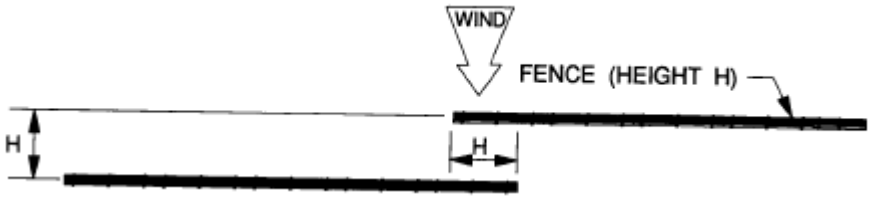
B. Materials. Reserved.

C. Construction Requirements. Contact property owners and/or operators a minimum of 14 calendar days prior to construction to coordinate property access for installation of snow fences.

Parcels 1, 7 8, 9, 10, 12, 13, 14, 15, 16, 17: Bill Old Chief, Jr. (Blackfeet Tribe of The Blackfeet Indian Reservation, Land Department Realty Officer) / 406-338-1153

Parcel 11: Rebecca Rappold (Glacier County School District #9, Superintendent) / 406-338-2715

Access from existing roadway approaches is required through easements established with the project. New access points are shown in the project plans with new gate installations where required. Work may begin prior to expiration of the two-week period if approved by the owner / operator and the Project Manager. Place a gap in the snow fence at the locations shown on the project plans. Additional gaps are allowed only upon approval by the Project Manager. Openings may be achieved by staggering the panel run offsets with an overlap distance equal to the fence height and offset distance equal to the fence height. New snow fence must remain inside the designated easements, including areas where additional gaps and staggering of fence runs are implemented.



Contractor must grade and seed all areas impacted by construction activity, including access routes and associated disturbance caused by construction equipment, and closely represent the undisturbed area to the satisfaction of the Project Manager. Revegetation requirements are specific to the disturbed area and must be approved by the Project Manager.

Coordinate project staking with the Project Manager two weeks prior to construction for each location.

D. Method of Measurement and Basis of Payment. The cost of coordinating snow fence installation is considered a part of the installation cost for the snow fence bid items and will not be measured separately for payment.

19. TRADITIONAL TRIBAL CULTURAL AUTHORITY COORDINATION

A. Construction Requirements.

1) Contact John Murray, Blackfeet Tribal Historic Preservation Officer (THPO), at (406) 338-7522 Ext. 2269, at least ten working days prior to starting construction or disturbing any ground at contractor optioned staging areas, borrow areas, or proposed material stockpile sites.

2) Do not conduct grubbing, clearing trees and shrubs and/or activities that involve new ground disturbances unless a Traditional Tribal Cultural Authority (TTCA) designated by THPO is present to monitor construction activities.

3) The TTCA will act as the Tribal Historic Preservation Officer's eyes and ears on the ground to ensure that no cultural resources are inadvertently damaged or destroyed by the contractor during project construction.

a) DO NOT DISTURB Rock Cairns, Plate Offerings, Rock Alignment Sites, or Human Burial Sites (Cultural Resources).

4) Obtain all necessary permits and approvals from the Blackfeet Tribal Environmental Office and the Blackfeet Tribal Historic Preservation Office prior to ground disturbances at any contractor optioned staging areas, borrow areas, or stockpile sites within the boundaries of the Blackfeet Reservation.

5) Submit copies of the invoices from THPO within 10 calendar days of the invoice dates.

B. Method of Measurement and Basis of Payment. A fixed price bid item, CULTURAL RESOURCE PERSON, at the rate of $500 per day is included in the bid schedule for this contract. Payment will be based on the actual number of days the TTCA person(s) presence is required as documented by invoice. Include all other costs of work associated with this provision in the price of other items.

20. HISTORICAL–CULTURAL SITES–CONSTRUCTION EQUIPMENT RESTRICTIONS

A. Description. A Cultural site exist near the project limits. The following site is subjected to the restrictions specified below:

1) Archaeological Site 2GL1724:

- The site has been avoided by project design. TTCA monitors will observe the construction near the site to ensure no unanticipated impacts occur.
- Provide temporary fence along the northernmost limit of the easement at fence run #17A for the duration of construction activity at this location. Remove the temporary fence once the construction activities are complete. Consider all costs associated with this provision incidental to performance of the work. Include the cost in the cost of other items.

21. GLASS BEADS [714] (ADDED 10-22-26)

Roundness for glass spheres must have a minimum of 80% true spheres in accordance with AASHTO M247.

22. REVEGETATION

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

B. Materials. Furnish the following seed mix. Use substitute species only if the recommended species is not available and substitution is approved by MDT's reclamation specialist.

Reclamation Seed Mixture			Broadcast Seeding Rate		
Scientific Name	Common Name	Variety	PLS / sq. ft.	% of Mix	Pounds PLS/ acre
Elymus trachycaulus	Slender wheatgrass	Pryor	3	3	1.0
Sporobolus Cryptandrus	Sand dropseed	VNS	65	59	0.5
Festuca idahoensis	Idaho fescue	Joseph or Nezpurs	21	19	2.0
Poa secunda	Canby bluegrass	Canbar	21	19	1.0
		GRAND TOTAL	110	100	4.5

C. Construction Requirements.

1) Salvage 4 inches of topsoil from areas requiring grading or earthwork.

2) Broadcast seed all disturbed areas immediately following topsoil replacement or, completion of ground disturbing activities, regardless of time of year. Following broadcast seeding, rake or harrow the areas to incorporate the seed into the upper ¼ to ½ inch of soil.

D. Basis of Payment. Topsoil salvage, replacement, soil conditioning and reseeding are paid for as REVEGETATION at the Contract unit price per lump sum.

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 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

Race, color, religion, national origin, sex, age, disability, and genetic information.

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 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.

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

a. If the PARTY receives federal financial assistance as part of this contract/agreement, the PARTY must comply with applicable federal and state laws regarding the DBEs, including but not limited to 49 CFR Part 26.

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 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:

- 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 *et seq.*), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);

- Sections 162 and 301(g) of the Federal-Aid Highway Act of 1973, (Public Law No. 93-87, 87 Stat. 250, codified at 23 U.S.C. § 324), (prohibits discrimination on the basis of sex);

- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 *et seq.*), (prohibits discrimination on the basis of disability); and 49 CFR Part 27;

- The Age Discrimination Act of 1975, (42 U.S.C. § 6101 *et seq.*), (prohibits discrimination on the basis of age);

- Section 520 of the Airport and Airways Improvement Act of 1982, (49 U.S.C. § 47123), (prohibits discrimination based on race, creed, color, national origin, or sex);

- The Civil Rights Restoration Act of 1987, (Public Law No. 100-259), (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, (42 U.S.C. §§ 12131 through 12189), 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 , as implemented by Department of Transportation regulations at 49 CFR parts 37 and 38;

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

(8) Incorporation of Provisions: The PARTY will include the provisions of paragraphs one through seven in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and/or directives cited therein. 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.

MEMORANDUM OF UNDERSTANDING
BETWEEN
THE BLACKFEET NATION AND
THE STATE OF MONTANA, DEPARTMENT OF TRANSPORTATION

PREAMBLE

This Memorandum of Understanding (MOU) reflects a new era of cooperation and understanding between the State of Montana (State), through the Montana Department of Transportation (MDT), and the Blackfeet Nation (Nation), in support of Governor Gianforte's commitment to strengthening government to government relations between the State and the Nation and in support of the commitment to cooperation and collaboration stated in the principles established by section 2-15-142, Montana Code Annotated.

GENERAL TERMS

I. This MOU is a general agreement and is intended to cover all MDT construction, facilities and architectural and engineering (A&E), and MDT-contracted maintenance contracts (all "projects") located on the Blackfeet Nation Reservation (Reservation).

II. Project Specific Agreements (PSAs) will be negotiated and entered into by the parties to cover the specifics of individual construction contracts, provided that nothing contained in a PSA shall be inconsistent with or in conflict with this MOU. There will be no PSA required on maintenance projects done by MDT personnel through MDT's Maintenance Division. Other than Ordinance 117 permits, Tribal requirements will not apply to maintenance projects done by MDT personnel through MDT's Maintenance Division.

III. The Nation and MDT recognize the importance of bridge and highway construction and maintenance for the safety of the citizens residing in the State of Montana, the citizens of the Reservation, the traveling public, and for the economic health, employment and commercial benefit of the Nation, State and region.

IV. MDT recognizes and honors the unique language, culture, and environment of the Blackfeet people, as the Nation recognizes the divergent cultures of the citizens of the State of Montana. MDT shall recognize and respect the laws of the Nation to the extent such recognition does not conflict with federal or state Law. If conflicts exist between the respective laws, the Nation and MDT shall use their best efforts to identify with specificity the conflicts and work together in resolving the conflicts. If any part of this MOU conflicts with tribal law, regulation, etc., it is agreed that this MOU supercedes the conflicting portion of the tribal law, regulation, etc., for purposes of the MDT projects built under the provisions of this MOU. The Montana state laws and regulations and tribal resolutions and ordinances in effect at the time of the execution of the PSA, and not in conflict with this MOU, shall govern the project until the project's completion. The Nation and MDT agree that this MOU and the project's PSA will become a part of the

project's contract when it is advertised and awarded. The Nation and MDT pledge their mutual cooperation for all projects on the Reservation.

V. MDT shall coordinate with the Nation including the Tribe's TERO Office, on all MDT contracts on the Reservation. MDT will also inform the Nation of projects to be developed and constructed near the Reservation. MDT, in conjunction with the Nation, shall schedule semi-annual meetings to find areas in which MDT can cooperate with the Nation on all projects to be developed and constructed on the Reservation.

SPECIFIC TERMS

I. *Highway Construction and Maintenance*

a. MDT shall invite the Nation to attend and participate in all planning activities conducted for projects on the Reservation. MDT and the Nation shall discuss, identify and agree upon Reservation impacts that may result from the construction and mitigation of those impacts in the design phase of the construction project.

b. Unless mutually waived beforehand in writing, a pre-bid conference and pre-construction meeting will be held on the Reservation at the Tribe's TERO Office for all on-Reservation construction projects. If the Tribe's TERO Office is unavailable for use, then MDT shall consult with the Blackfeet Tribal Business Council Secretary to host another location. At the pre-construction meeting, it is mandatory that all contractors and subcontractors attend prior to engagement in the project.

c. At the pre-bid conference, MDT and the Nation shall inform all bidders of the Nation's tribal ordinances, resolutions and regulations in effect which will apply to the contractor and subcontractors under the terms of the PSA.

d. MDT and the Nation's Tribal Employment Rights Office (TERO) shall advise all bidders that the Montana state laws and regulations and tribal resolutions and ordinances in effect at the time of the execution of the PSA shall govern the project until completion.

e. MDT shall invite the TERO officer to attend and participate in the pre-construction conferences for off-reservation construction projects to be performed near the Reservation. The TERO officer will inform MDT and all contractors of the work force available by providing a list of qualified applicants (work force) to MDT and all contractors. MDT shall encourage hiring by the contractors from the work force provided by the TERO officer.

f. MDT pledges to work with the Nation's Environmental Office as well as the Nation's Tribal Historic Preservation Office on all environmental issues and specifications and on issues of cultural significance. MDT will make every effort to ensure that environmental mitigation will take place within the exterior

boundaries of the Reservation for on-Reservation projects. There will be no "net loss" of wetlands within the exterior boundaries of the Reservation unless otherwise agreed by both parties in the PSA. Mitigation of wetlands will provide for not less than an acre-for-acre replacement and will consist of either construction of new wetlands or purchase of conservation easements on existing wetlands. Mitigation must meet all federal and Tribal requirements.

g. The Nation agrees to not assess any taxes, fees, or permits against MDT or its employees. Except for the Nation's TERO fees, contractor work permits, business licenses, Ordinance 117 permits, and trespass permits, if necessary, no other tribal fees, taxes or permits will be assessed against MDT's prime contractor, subcontractors, the prime contractor's and subcontractor's employees, or anyone else working on MDT's project. The Nation agrees to forego any other applicable tax, fee, or permit unless expressly negotiated and agreed upon in the PSA. If a project is partially on-Reservation and partially off-Reservation, the Nation may assess TERO fees proportionate to the work being performed on the Reservation. The proportionate assessment must be negotiated and agreed upon in the PSA.

h. MDT shall require the use of gravel, borrow and fill materials for construction projects covered by this MOU from tribal and/or allottee sources if the cost is less than or equal to non-Indian sources and meets state and federal specifications. The specific requirements for use of tribal gravel will be set forth in the project's PSA. The Nation and MDT will cooperate in identifying gravel sites on the Reservation, particularly those that may have potential for long term use of both parties. Any of those materials that are offered and agreed upon must meet state and federal specifications, and the price must be competitive to other sources in the area. The Nation and MDT agree that a "competitive price" may include consideration of all factors such as quality, quantity, royalty, haul, stripping, production, access and reclamation costs, as well as the characteristics of the material that can be produced. The Tribe will give a final price at the pre-bid conference including charges for treated water and untreated water (any access and per unit pricing), trespass, and access fees. No further cost may be added to the material after the pre-bid conference. Additionally, there must be proof of a sufficient quantity of materials to satisfy the estimated needs of the project. No specific materials source will be made mandatory for a project.

i. Subject to the requirements of the Blackfeet Employment Rights Office, MDT can use term contracts that are specifically limited to engineering and architecture, which does not include surveying, for term assignments up to $50,000 per year, per individual or entity. Once MDT is aware of a preconstruction activity using a standard term contract, it will notify the Nation's TERO Officer and the Tribal liasons, in writing of its contract to complete the activity. This notification will

contain a description of the activity, and an estimate of contract cost for the portion that will take place within the boundaries of the Reservation.

1. No PSA will be required for these term assignments.
2. The remaining obligations under this MOU will still be applicable to these term assignments.

II. TERO

a. The parties agree that the Nation's TERO ordinance must address all construction projects over which the Nation has regulatory jurisdiction. MDT's projects will only be charged the same TERO fees as are in effect on and enforced against all other construction projects on the Reservation.

b. Indian employment preference on all projects located on the Reservation will be in accordance with the current TERO Ordinance except as specified herein. All referrals for local hires shall be pursuant to the TERO Ordinance and Regulations, and through the TERO office. When qualified workers, are not available, contractors may utilize other recruitment sources. Upon receipt of a request for a worker, TERO shall have two working days to locate a worker through the skills bank or other labor resources. An additional working day shall be allotted for the referred worker to report to the job site or supervisor. If the TERO officer determines there are no qualified workers to refer prior to the expiration of two working days, the TERO officer shall immediately notify the contractor so the contractor can utilize other recruitment sources. The working days will be defined by the Tribe's working days under the Blackfeet Tribal Personnel Policies and Procedures.

c. Pursuant to the TERO Ordinance, the contractor's or subcontractor's core crew is not subject to local Indian preference in employment. "Core crew" is defined as a regular permanent employee that is either in a supervisory position or another key position such that the employer would risk financial damage or loss if the position was filled by a person who had not previously worked for that firm. A "regular permanent employee" is one who was on the contractor's payroll for the prior construction season, or is presently an owner of the firm, in contrast with a person who is hired on a project by project basis.

d. For on-Reservation projects, the Nation shall assess a TERO fee of three percent (3.0%) of the contractor's cost pursuant to the Nation's TERO Ordinance, subject to the requirements of paragraph II.a, above. MDT shall collect this fee for the Tribe on each progress payment and final payment to the contractors. MDT shall immediately submit each withheld payment to the Nation for disbursement pursuant to the tribal law.

e. Prime contractors and subcontractors shall attend the pre-bid conference with the TERO officer and shall execute a TERO Agreement evidencing his/her attendance at such conference.

f. MDT is specifically excluded from each and every Indian contractor and subcontractor preference requirement that may be contained in any Ordinance notwithstanding that MDT must follow Federal Law regarding Disadvantaged Business Enterprises (DBE).

g. MDT and the TERO officer shall work together to promote DBE Contractors for work on or near the Reservation since under DBE regulations Indian-owned businesses are eligible for DBE certification.

h. Trainees on federal-aid highway projects on the Reservation will be selected from the work force list provided by the TERO officer. The number and type of Trainee positions will be negotiated and included in the PSA.

i. MDT will continue to actively work with TERO to increase employment opportunities for Nation's members as well as other Native Americans residing on or near the Reservation.

j. The parties recognize that MDT and the Federal Highway Administration interpret Title VII of the Civil Rights Act as not permitting a tribal-specified preference in hiring of Indian workers in federal highway construction contracting. MDT recognizes that this interpretation has no bearing on the well-settled policy of preferential employment of Indians on reservations and that federal law expressly supports this interpretation. MDT will emphasize Montana's commitment to Indian employment as a means of strengthening tribal communities for these projects.

III. IMPROVEMENTS OR SERVICES

MDT will fund additional improvements or services beyond the mitigation requirements noted in paragraph If, above, which, over a number of projects shall be 1.5% of the total amount of the contract construction cost of the projects let to bid on the Reservation from the effective date forward through the duration of the MOU. For preliminary engineering work, the fee will be assessed on work physically performed within the exterior boundaries of the Reservation. The improvements or services shall be mutually beneficial to the Tribe and MDT. The improvements or services and the estimated percentage amount shall be specified in the PSA.

Examples of such improvements or services include, but are not limited to, reimbursement for a project liaison officer, construction of wetlands, purchase of wetlands easements, construction of a visitor Information/Rest Area facility to be operated by the Tribe, construction of scenic turnouts or bicycle and pedestrian

paths and acquisition of such lands which may be mutually beneficial to the parties. All improvements or services shall be consistent with FHWA regulations.

MDT will withhold the 1.5% IOS amount from each progress payment and final payment to the contractors, placing the amount into an MDT account which can be used to fund a later IOS that is agreed-upon as stated above. Interest accrued on this account will remain in the account for use on IOS projects as specified above.

IV. BLACKFEET ENVIRONMENTAL OFFICE (BEO) PERMITS

MDT shall apply for Ordinance 117 permits and pay the associated fees for any project that requires a permit.

V. A & E CONTRACTS

a. In A&E contracts for projects to be constructed on the Reservation, a PSA will be negotiated and executed before a request for proposal (RFP) is advertised. The PSA will include:

1. The percentage of the project's eventual cost that will be subject to the TERO fee;
2. Knowledge of possible opportunities for Native American employment or participation;
3. Project-specific points of contact for the Nation and MDT,
4. How payment of the TERO fee will be made; and
5. Any other restrictions or requirements which the bidders should know for bidding of the work.

b. There will be a post-award meeting between Nation and MDT personnel and the successful contractor with the time and location of the meeting to be established shortly afterward.

VI. RECLAMATION

MDT and the Nation agree that all disturbed sites shall be reclaimed consistent with applicable tribal, federal and state laws and regulations. The responsibility for such reclamation will be specified in the PSA.

VII. DURATION

This MOU is effective upon the signing by all parties. The MOU shall remain effective for ten (10) years unless terminated by either party. Either party upon ninety (90) days written notice may terminate this MOU. The parties agree that if any portion of this MOU is declared invalid or is otherwise determined to be unenforceable, the remainder of this MOU will remain in full force and effect.

VIII. AMENDMENTS, RENEGOTIATION and RENEWAL

a. Any change, addition or modification affecting this MOU shall only be made in writing with the concurrence of both the Tribe and the State/MDT.

b. Approximately six (6) months prior to the expiration of the initial term of this MOU, the parties shall meet to negotiate in good faith a renewal of the MOU for an additional term and, thereafter, shall meet to negotiate successive renewals of the MOU. The parties shall seek to agree on any outstanding issues that have presented concerns pursuant to the terms and conditions of this MOU.

c. If this Agreement expires because the term has run, the parties agree that all of its terms shall remain in full force and effect until a new agreement is reached.

IX. LIAISON

Malcolm D. Long, Director of Transportation, or his designee, or his successor, will be the liaison for MDT.

Iliff "Scott" Kipp, Sr., Chairman of the Blackfeet Tribal Business Council, or his designee, or his successor, will be the liaison for the Nation.

Don White, Director of Tribal Transportation, or his designee, or his successor, will be the second Tribal liaison.

All notices and communications between the parties with respect to this MOU shall be directed to the Chairman of the Blackfeet Tribal Business Council and the MDT Director with copies to the tribal and state liaison. If either party's leadership or employees necessitate a change in the designation of liaison, the effected party shall provide timely written notice to the other of the new liaison.

X. NEGATIVE DECLARATION

Nothing in this MOU or in any conduct undertaken pursuant to this MOU shall be deemed as enlarging or diminishing the jurisdiction of either of the parties, or an admission of liability of any kind.

XI. OFFICIAL NOTICES

Official Notice as required in this MOU shall be mailed postage prepaid to the following address with copies to the Liaisons for the parties at the following addresses:

Chairman and Director of Tribal Transportation
Blackfeet Tribal Business Council
PO Box 850

Browning, MT 59417-0850

Director
Montana Department of Transportation
PO Box 201001
Helena, MT 59620-1001

XII. SIGNATURES

Date: 6-9-22, 2022

LAUREN J. MONROE, JR.
Acting Chairman
Blackfeet Tribal Business Council

Date: June 17th, 2022
Governor Greg Gianforte
State of Montana

Date: June 15th, 2022
Malcolm D. Long, Director
Montana Department of Transportation

Approved for Legal Content:

Dawn Gray, Managing Attorney
for Blackfeet Nation

MDT Legal Services

Approved as to legal sufficiency pursuant to Mont. Code Ann. § 18-11-105:

Austin Knudsen
Attorney General, State of Montana

ADVERTISED COPY

BLACKFEET NATION

P.O. BOX 850 BROWNING, MONTANA 59417
(406) 338-7521 FAX (406) 338-7530

EXECUTIVE COMMITTEE
Iliff "Scott" Kipp, Sr. Chairman
Lauren J. Monroe, Vice-Chairman
Mark E. Pollock, Secretary
Joseph A. Gervais, Treasurer

BLACKFEET TRIBAL BUSINESS COUNCIL
Iliff "Scott" Kipp, Sr.
Lauren J. Monroe, Jr.
Mark E. Pollock
Timothy F. Davis
Rodney R. Gervais, Jr.
Vera A. Weaselhead
Virgil Last Star
Stacey A. Keller
Marvin Weatherwax, Jr.

RESOLUTION

Approving MOU Between the Blackfeet Tribe and the Montana Department of Transportation

No. 432-2022

WHEREAS, The Blackfeet Tribal Business Council is the duly constituted governing body within the exterior boundaries of the Blackfeet Indian Nation pursuant to Section 16 of Act of June 18, 1934 and Amendments thereof, and

WHEREAS, The Blackfeet Tribal Business Council has been organized to represent, develop, protect and advance the views, interests, and resources education and resources of the Blackfeet Indian Reservation, and

WHEREAS, The Blackfeet Tribal Business Council is empowered to negotiate with federal, state and local governments on behalf of the Tribe pursuant to Article VI, Section 1(a) of the Constitution of the Blackfeet Tribe, and

WHEREAS, Blackfeet Tribal Business Council is aware that the Memorandum of Understanding (MOU) between the Blackfeet Nation and the State of Montana, Department of Transportation (MDT), for all MDT construction, facilities and architectural and engineering projects and all MDT-contracted maintenance contracts located on the Blackfeet Reservation has expired, and

WHEREAS, The Blackfeet Tribal Business Council is aware that the Blackfeet Transportation Department and Legal Department and the Montana Department of Transportation have negotiated a new MOU with concurrence from the Blackfeet Tribal Council, now

THEREFORE, BE IT RESOLVED:

ADVERTISED COPY

1. That the Blackfeet Tribal Business Council hereby agrees to the terms and conditions set forth in the Memorandum of Understanding between the Blackfeet Nation and the Montana Department of Transportation; of which is attached hereto and incorporated into this resolution by this reference.

2. That the Chairman or Vice-Chairman in the Chairman's absence and Secretary of the Blackfeet Tribal Business Council are hereby authorized to sign this Resolution and any other documents to effectuate the purposes of this Resolution.

ATTEST:

THE BLACKFEET TRIBE OF THE BLACKFEET INDIAN RESERVATION

Mark E. Pollock
MARK E. POLLOCK
Secretary

Lauren J. Monroe
LAUREN J. MONROE, JR.
Acting Chairman

CERTIFICATION

I hereby certify that the foregoing Resolution was adopted by the Blackfeet Tribal Business Council in a duly called noticed and convened General Session assembled for business the 2nd day of June, 2022, with Six (6) members present to constitute a quorum and by a vote of Six (6) For, Zero (0) Opposed and Zero (0) Abstained.

Mark E. Pollock
MARK E. POLLOCK, Secretary
Blackfeet Tribal Business Council

(SEAL)

PROJECT SPECIFIC AGREEMENT
BETWEEN THE
BLACKFEET NATION
AND THE
MONTANA DEPARTMENT OF TRANSPORTATION

PROJECT: **STPP-STWD(634)**

NAME: **Glacier County Snow Fence**

NUMBER: **9619000**

STATE ROUTE: **P-58 (US-89), P-3 (US-89), N-1 (US-2)**

LETTING DATE: **Fall 2026 - Winter 2027**

This Project Specific Agreement (PSA) is entered into as so specified in the Memorandum of Understanding (MOU) of June 15, 2022, between the Blackfeet Nation (Nation) and the Montana Department of Transportation (MDT).

The intent of this PSA is to cover the specifics of the above-named project on the Blackfeet Reservation, provided, further, that nothing contained in this PSA shall be inconsistent or in conflict with the MOU.

SPECIFIC ISSUES:

I. Construction

a. A pre-bid conference will not be held for this project.

b. A pre-construction conference will be held at a date and time mutually acceptable to the contractor, the Nation and MDT prior to commencement of any work. The pre-construction conference will be held at the Tribe's TERO Office.

c. The purpose of this PSA is to address construction activities for the above project. This project will construct snow fencing at various locations on the Blackfeet Reservation on the routes and locations of the table below:

Signed Route	Dept. Route	RP Start	RP Finish	Offset	Functional Class
US-89	P-58	5+0.686	5+0.987	LT	Minor Arterial
US-89	P-3	106+0.353	107+0.652	LT	Minor Arterial
US-2	N-1	212+0.918	214+0.213	LT	Principle Arterial – Non-Interstate
US-2	N-1	221+0.192	221+0.255	LT	Principle Arterial – Non-Interstate

II. Improvements or Services

a. The Improvements or Services (IOS) percentage amount applied to the construction contract for work performed on the Reservation shall be 1.5%.

b. MDT shall collect the IOS dollar amount by withholding 1.5% from that part of each progress payment and that part of the final payment to the contractor and depositing it into the Nations MDT account for use on future projects which are mutually beneficial to both parties and are consistent with FHWA guidelines.

III. Tribal Employment Rights Office (TERO)

a. The prime and all subcontractors will be required to have a Blackfeet Business license in accordance with Tribal Law. The license shall be obtained at the Blackfeet Tribe Revenue Department.

b. Before beginning work, the Prime and all subcontractors will file a compliance work plan with TERO.

c. Pursuant to the MOU and Tribal Resolution, a Tribal TERO fee of 3% of that part of the contract amount that is performed on the Reservation will be assessed by the Nation to the contractor. MDT will collect this fee for the Nation by withholding 3% from that part of each progress, semi-final and final payment to the contractor and paying the amount to the Nation.

d. The Prime Contractor will secure all of the needed Blackfeet work permits.

Rodney "Minnow" Gervais, Chairman
Blackfeet Tribal Business Council

March 25, 2026

Christopher Dorrington, Director
Montana Department of Transportation

April 6, 2026

Reviewed for Legal Content
MDT Legal Counsel

MDT Boring Log Descriptive Terminology

Key to Soil Symbols and Terms

01/18/12

MONTANA MDT DEPARTMENT OF TRANSPORTATION
Geotechnical Section

SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			SYMBOLS GRAPH	SYMBOLS LETTER	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS (MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE)	GRAVEL AND GRAVELLY SOILS (MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE)	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	Well-graded gravels, gravel sand mixtures, little or no fines.
				GP	Poorly graded gravels, gravel-sand mixtures, little or no fines.
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	Silty gravels, gravel-sand-silt mixtures.
				GC	Clayey gravels, gravel-sand-clay mixtures.
	SAND AND SANDY SOILS (MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE)	CLEAN SANDS (LITTLE OR NO FINES)		SW	Well-graded sands, gravelly sands, little or no fines.
				SP	Poorly graded sands, gravelly sands, little or no fines.
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	Silty sands, sand-silt mixtures.
				SC	Clayey sands, sand-clay mixures.
FINE GRAINED SOILS (MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE)	SILTS AND CLAYS (LIQUID LIMIT LESS THAN 50)			ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity.
				CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
				OL	Organic silts and organic silty clays of low plasticity.
	SILTS AND CLAYS (LIQUID LIMIT GREATER THAN 50)			MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.
				CH	Inorganic clays of high plasticity, fat clays.
				OH	Organic clays of medium to high plasticity, organic silts.
HIGHLY ORGANIC SOILS				PT	Peat and other highly organic soils.

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS

Order of Descriptors

- Group Name
- Consistency or Relative Density
- Moisture Condition
- Color
- Particle size descriptor(s) (coarse grained soils only)
- Angularity of coarse grained soils
- Other relevant notes

Criteria For Descriptors

Consistency of Fine Grained Soils

Consistency	N-Value (uncorrected)
Very Soft	< 2
Soft	2 - 4
Medium Stiff	5 - 8
Stiff	9 - 15
Very Stiff	16 - 30
Hard	> 30

Apparent Density of Coarse Grained Soils

Relative Density	N-Value (uncorrected)
Very Loose	< 4
Loose	4 - 10
Medium Dense	11 - 30
Dense	31 - 50
Very Dense	> 50

Moisture Condition

Dry	-Absence of moisture, dusty, dry to the touch.
Moist	-Damp, but no visible water.
Wet	-Visible free water.

Definition of Particle Size Ranges

Soil Component	Size Range
Boulder	> 12 in (300 mm)
Cobble	3 in (75 mm) - 12 in (300 mm)
Gravel	No. 4 Sieve (4.75 mm) to 3 in (75 mm)
Sand	No. 200 (0.075 mm) to No. 4 Sieves (4.75 mm)
Silt	< No. 200 Sieve (0.075 mm)*
Clay	< No. 200 Sieve (0.075 mm)*

*Atterberg limits and chart below to differentiate between silt and clay.

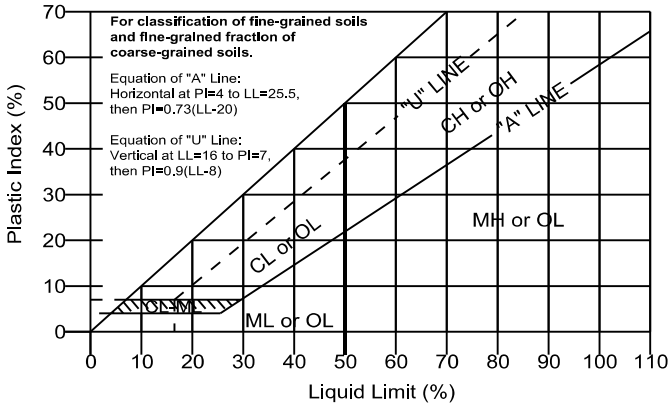
Notes

See Soil Boring Information Special Provision.

SPT (Standard Penetration Test-ASTM D1586):
The number of blows of a 140 lb (63.6 kg) hammer falling 2.5 ft (750 mm) used to drive a 2 in (50 mm) O.D. Split Spoon sampler for a total of 1.5 ft (0.45 m) of penetration.
Written as follows:
first 0.5 ft (0.15 m) - second 0.5 ft (0.15 m) - third 0.5 ft (0.15 m) (ex: 1-3-9)
Note: if the number of blows exceeds 50 before 0.5 ft (0.15 m) of penetration is achieved, the actual penetration rounded to the nearest 0.1 ft (0.03 m) follows the number of blows in parentheses (ex: 12-24-50 (0.09 m), 34-50 (0.4 ft), or 100 (0.3 ft)).WR denotes a zero blow count with the weight of the rods only.
WH denotes a zero blow count with the weight of the rods plus the weight of the hammer.

MC=Moisture Content, LL=Liquid limit, PL=Plastic Limit
-200%=percent soil passing 200 sieve, DD=Dry Density

Soil Classifications are Based on the Unified Soil Classification System, ASTM D2487 and D2488. Also included are the AASHTO group classifications (M145). Descriptions are based on visual observation, except where they have been modified to reflect results of laboratory tests as deemed appropriate.



Angularity of Coarse-Grained Particles

Angular	-Particles have sharp edges and relative plane sides with unpolished surfaces.
Subangular	-Particles are similar to angular description, but have rounded edges.
Subrounded	-Particles have nearly plane sides, but have no edges.
Rounded	-Particles have smoothly curved sides and well-rounded corners and edges.

Example soil description: Sandy FAT CLAY (CH), soft, wet, brown. (A-7)

MDT Boring Log Descriptive Terminology
Key to Rock Symbols and Terms

01/18/12

MONTANA MDT DEPARTMENT OF TRANSPORTATION
Geotechnical Section

Rock Type	Symbol	Rock Type	Symbol	Rock Type	Symbol
Argillite		Dolomite		Quartzite	
Basalt		Gneiss		Rhyolite	
Bedrock (other)		Granitic		Sandstone	
Breccia		Limestone		Schist	
Claystone		Siltstone		Shale	
		Conglomerate			

Order of Descriptors

- Rock Type
- Color
- Grain size (if applicable)
- Stratification/Foliation (as applicable)
- Field Hardness
- Other relevant notes

Criteria For Descriptors
Grain Size

Description	Characteristic
Coarse Grained	-Individual grains can be easily distinguished by eye
Fine Grained	-Individual grains can be distinguished with difficulty

Stratum Thickness

Thickly Bedded	3-10 ft (1-3 m)
Medium Bedded	1-3 ft (300 mm - 1 m)
Thinly Bedded	2-12 in (50-300 mm)
Very Thinly Bedded	< 2 in (50 mm)

Rock Field Hardness

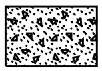
Very Soft	-Can be carved with knife. Can be excavated readily with point of rock hammer. Can be scratched readily by fingernail.
Soft	-Can be grooved or gouged readily by knife or point of rock hammer. Can be excavated in fragments from chips to several inches in size by moderate blows of the point of a rock hammer.
Medium	-Can be grooved or gouged 0.05 in (2 mm) deep by firm pressure of knife or rock hammer point. Can be excavated in small chips to pieces about 1 in (25 mm) maximum size by hard blows of the point of a rock hammer.
Moderately hard	-Can be scratched with knife or pick. Gouges or grooves to 0.25 in (6 mm) can be excavated by hard blow of rock hammer. Hand specimen can be detached by moderate blows.
Hard	-Can be scratched with knife or pick only with difficulty. Hard hammer blows required to detach hand specimen.
Very Hard	-Cannot be scratched with knife or sharp rock hammer point. Breaking of hand specimens requires several hard blows of a rock hammer.

Notes:

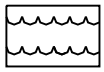
UCS = Unconfined Compressive Strength obtained from laboratory testing at the given depth.

See Soil Boring Information Special Provision.

Miscellaneous Soil/Rock Symbols and Terms

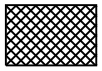

Concrete

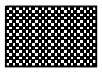

Asphalt

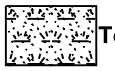

Water


Boulders and Cobbles


Coal


Fill


Millings


Topsoil

-Soil and Rock descriptions are based on visual observation, except where they have been modified to reflect results of laboratory tests as deemed appropriate.

Explanation of Text Fields in Boring Logs:

Material Description: Lithologic Description of soil or rock encountered.

Remarks: Comments on drilling, including method, bit type, and problems encountered.
Unless stated on logs as being surveyed by district survey, all locations are considered approximate.

General Notes

- Descriptions on these boring logs apply only at the specific boring, and at the time the borings were made. These logs are not warranted to be representative of subsurface conditions at other locations or times.
- Water level observations apply only at the specific boring, and at the time the borings were made. Due to the variability of groundwater measurements given the type of drilling used, and the stratification of the soil in the boring, these logs are not warranted to be representative of groundwater conditions at other locations or times.
- Other terms may be used as descriptors, as defined by the profession.

Operation Types: Auger, Casing Advancer, Core Barrel, Drive Casing

Sample Types: Split Spoon, Shelby, Bulk Sample, Grab Sample, Cone Penetrometer, Vane Shear, Special Samplers, Testpit

Example Rock Log

SANDSTONE, gray, fine grained, thickly bedded, hard field hardness.

Page 2 of 2



LEGEND

B 9619-1 GEOTECHNICAL BORING LOCATION

DOWL
WWW.DOWL.COM
1300 Cedar Street
Helena, Montana 59601
406-442-0370

GLACIER COUNTY SNOW FENCE GEOTECHNICAL INVESTIGATION S-464 RP 18.6-18.89 EXPLORATIONS

PROJECT	4638.12178–01
DATE	08/15/2019

FIGURE 2

B:\38\12178–01\50Design\106 – Preliminary Geotech\CAD\Geotechnical Figures.dwg PLOT DATE 2019–9–27 11:24 SAVED DATE 2019–09–27 11:23 USER: drussell

ADVERTISED COPY

LOG OF BORING

Boring 9619-01

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1676913 ft **Coordinates** E: 1078523 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 5060 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 35N 12W 17 - AD **Abandonment:** Cuttings

Depth (ft) / Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) / Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0.5 / 5059.5							TOPSOIL, dry to moist, black to brown. trace of organic materials	0.3 / 5059.7							Cobbles on the surface
1.0 / 5059.0							Clayey SAND with gravel (SC), moist to dry, brown to yellow, fine to coarse grained, subangular to subrounded, [A-2-6]. multicolor clasts								
1.5 / 5058.5			100						9	37	24	31			
2.0 / 5058.0															
2.5 / 5057.5			100												
3.0 / 5057.0															
3.5 / 5056.5							Boring Depth: 3.5 ft, *Elevation: 5056.5 ft*	3.5 / 5056.5							

Water Level Observations		Remarks:
▽ After Drilling:	▽ During Drilling: Not Encountered	
	▼ After Drilling:	

(2) MDT LOG OF BORING - CONSULTANT_V2_2016+ 2.GDT - 9/26/19 10:50 - B:\38\12178-01\50DESIGN\106 - PRELIMINARY GEOTECH\LOGS\GLACIER SNOW FENCE LOGS.GPJ

LOG OF BORING

Boring 9619-02

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1676389 ft **Coordinates** E: 1078788 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4858 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 35N 12W 16 - BB **Abandonment:** Cuttings

Depth (ft) Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0.5 *4857.5*							TOPSOIL, dry to moist, black to brown. trace of organic materials	0.3 *4857.7*							
1.0 *4857.0*			100				Silty SAND with gravel (SM), moist to dry, brown, fine to coarse grained, subrounded to subangular, [A-2-6]. occasional cobbles, multicolor clasts								
1.5 *4856.5*															
2.0 *4856.0*															
2.5 *4855.5*							Boring Depth: 2.5 ft, *Elevation: 4855.5 ft*	2.5 *4855.5*							auger refusal

Water Level Observations

During Drilling: **Not Encountered**

After Drilling:

After Drilling:

Remarks:

(2) MDT LOG OF BORING - CONSULTANT_V2_2016+ 2.GDT - 9/26/19 10:50 - B:\38\12178-01\50DESIGN\106 - PRELIMINARY GEOTECH\LOGS\GLACIER SNOW FENCE LOGS.GPJ

LOG OF BORING

Boring 9619-03

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1675785 ft **Coordinates** E: 1079194 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4884 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 35N 12W 16 - BB **Abandonment:** Cuttings

Depth (ft) Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0.5 *4883.5*							TOPSOIL, dry to moist, black to brown. trace of organic materials	0.3 *4883.7*							
1.0 *4883.0*							Silty GRAVEL with sand (GM), moist to dry, brown, fine to coarse grained, subangular to subrounded, [A-1-b]. multicolor clasts								
1.5 *4882.5*			100					1.5 *4882.5*							
2.0 *4882.0*							Silty SAND with gravel (SM), moist to dry, brown, fine to coarse grained, subangular to subrounded, [A-2-6].								
2.5 *4881.5*			100												
3.0 *4881.0*															
3.5 *4880.5*							Boring Depth: 3.5 ft, *Elevation: 4880.5 ft*	3.5 *4880.5*							

Water Level Observations		Remarks:
▽ After Drilling:	▽ During Drilling: **Not Encountered**	
	▼ After Drilling:	

(2) MDT LOG OF BORING - CONSULTANT_V2_2016+ 2.GDT - 9/26/19 10:50 - B:\38\12178-01\50DESIGN\106 - PRELIMINARY GEOTECH\LOGS\GLACIER SNOW FENCE LOGS.GPJ



N

LEGEND

B 9619-1 GEOTECHNICAL BORING LOCATION

300 0 300

SCALE IN FEET

DOWL
WWW.DOWL.COM
1300 Cedar Street
Helena, Montana 59601
406-442-0370

GLACIER COUNTY SNOW FENCE
GEOTECHNICAL INVESTIGATION
US-89 RP 8.18-8.55 & RP 8.71-9.0 EXPLORATION LOCATIONS

PROJECT	4638.12178–01
DATE	08/15/2019

FIGURE 3

B:\38\12178-01\50design\106 – Preliminary Geotech\CAD\Geotechnical Figures.dwg PLOT DATE 2019-9-27 11:24 SAVED DATE 2019-09-27 11:23 USER: drussell

LOG OF BORING

Boring 9619-04

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1586690 ft **Coordinates** E: 1070507 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4864 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 32N 12W 7 - DD **Abandonment:** Cuttings

Depth (ft) Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0.5 *4863.5*							TOPSOIL, moist to dry, black to brown. trace of organic materials	0.3 *4863.7*							
1.0 *4863.0*							Sandy Lean CLAY (CL), moist to dry, brown, [A-6].								
1.5 *4862.5*			100												
2.0 *4862.0*							Silty SAND (SM), moist to dry, brown, fine grained, [A-2-7].	2.0 *4862.0*							
2.5 *4861.5*			100						21	44	33	35			
3.0 *4861.0*															
3.5 *4860.5*							Boring Depth: 3.5 ft, *Elevation: 4860.5 ft*	3.5 *4860.5*							

Water Level Observations

During Drilling: **Not Encountered**

After Drilling:

After Drilling:

Remarks:

(2) MDT LOG OF BORING - CONSULTANT_V2_2016+ 2.GDT - 9/26/19 10:50 - B:\38\12178-01\50DESIGN\106 - PRELIMINARY GEOTECH\LOGS\GLACIER SNOW FENCE LOGS.GPJ

LOG OF BORING

DOWL

Boring 9619-05

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1586691 ft **Coordinates** E: 1070508 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4884 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 32N 12W 7 - DD **Abandonment:** Cuttings

Depth (ft) Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0.0 *4884.0*							TOPSOIL, moist to dry, black to brown. trace of organic materials								Sandstone outcrops on the cutslope below this boring
							Silty SAND (SM), moist to dry, brown, fine grained, [A-2-7]. trace of subangular gravel	0.3 *4883.7*							
0.5 *4883.5*															
1.0 *4883.0*															
1.5 *4882.5*			100												
2.0 *4882.0*															
2.5 *4881.5*			100												
3.0 *4881.0*															
3.5 *4880.5*							Boring Depth: 3.5 ft, *Elevation: 4880.5 ft*	3.5 *4880.5*							

Water Level Observations		
After Drilling:	During Drilling: **Not Encountered**	Remarks:
	After Drilling:	

(2) MDT LOG OF BORING - CONSULTANT_V2_2016+ 2.GDT - 9/26/19 10:50 - B:\38\12178-01\50DESIGN\106 - PRELIMINARY GEOTECH\LOGS\GLACIER SNOW FENCE LOGS.GPJ

LOG OF BORING

Boring 9619-06

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1586861 ft **Coordinates** E: 1071534 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4879 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 32N 12W 8 - CC **Abandonment:** Cuttings

Depth (ft) Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0.5 *4878.5*							TOPSOIL, moist to dry, black to brown. trace of organic materials	0.3 *4878.8*							
1.0 *4878.0*							Silty SAND (SM), moist to dry, brown, fine grained, [A-2-4]. trace of subangular gravel in upper foot								
1.5 *4877.5*			100						9	39	34	26			
2.0 *4877.0*															
2.5 *4876.5*			100												
3.0 *4876.0*															
3.5 *4875.5*							Boring Depth: 3.5 ft, *Elevation: 4875.5 ft*	3.5 *4875.5*							

Water Level Observations		Remarks:
▽ After Drilling:	▽ During Drilling: **Not Encountered**	
	▼ After Drilling:	

(2) MDT LOG OF BORING - CONSULTANT_V2_2016+ 2.GDT - 9/26/19 10:50 - B:\38\12178-01\50DESIGN\106 - PRELIMINARY GEOTECH\LOGS\GLACIER SNOW FENCE LOGS.GPJ

LOG OF BORING

Boring 9619-07

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1586613 ft **Coordinates** E: 1073680 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4882 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 32N 12W 8 - CD **Abandonment:** Cuttings

Depth (ft) / Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) / Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0.5 *4881.5*							TOPSOIL, moist to dry, black to brown. trace of organic materials	0.3 *4881.8*							
1.0 *4881.0*							Silty SAND with gravel (SM), dry to moist, brown, fine to coarse grained, subrounded to subangular, [A-5].								
1.5 *4880.5*			100												
2.0 *4880.0*															
2.5 *4879.5*			100												
3.0 *4879.0*															
3.5 *4878.5*							Boring Depth: 3.5 ft, *Elevation: 4878.5 ft*	3.5 *4878.5*							

Water Level Observations		Remarks:
▽ After Drilling:	▽ During Drilling: **Not Encountered**	
	▼ After Drilling:	

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LOG OF BORING

Boring 9619-08

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1073680 ft **Coordinates** E: 1073680 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4855 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 32N 12W 8 - CD **Abandonment:** Cuttings

Depth (ft) Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0.5 4854.5							TOPSOIL, moist to dry, black to brown. trace of organic materials								
1.0 4854.0							Silty SAND (SM), dry to moist, brown, fine to coarse grained, subangular to subrounded, [A-5]. trace of gravel, occasional cobbles	0.3 4854.8							
1.5 4853.5			100												
2.0 4853.0															
2.5 4852.5			100						11	47	46	38			
3.0 4852.0															
3.5 4851.5							Boring Depth: 3.5 ft, *Elevation: 4851.5 ft*	3.5 4851.5							

Water Level Observations

During Drilling: **Not Encountered**

After Drilling:

After Drilling:

Remarks:

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LOG OF BORING

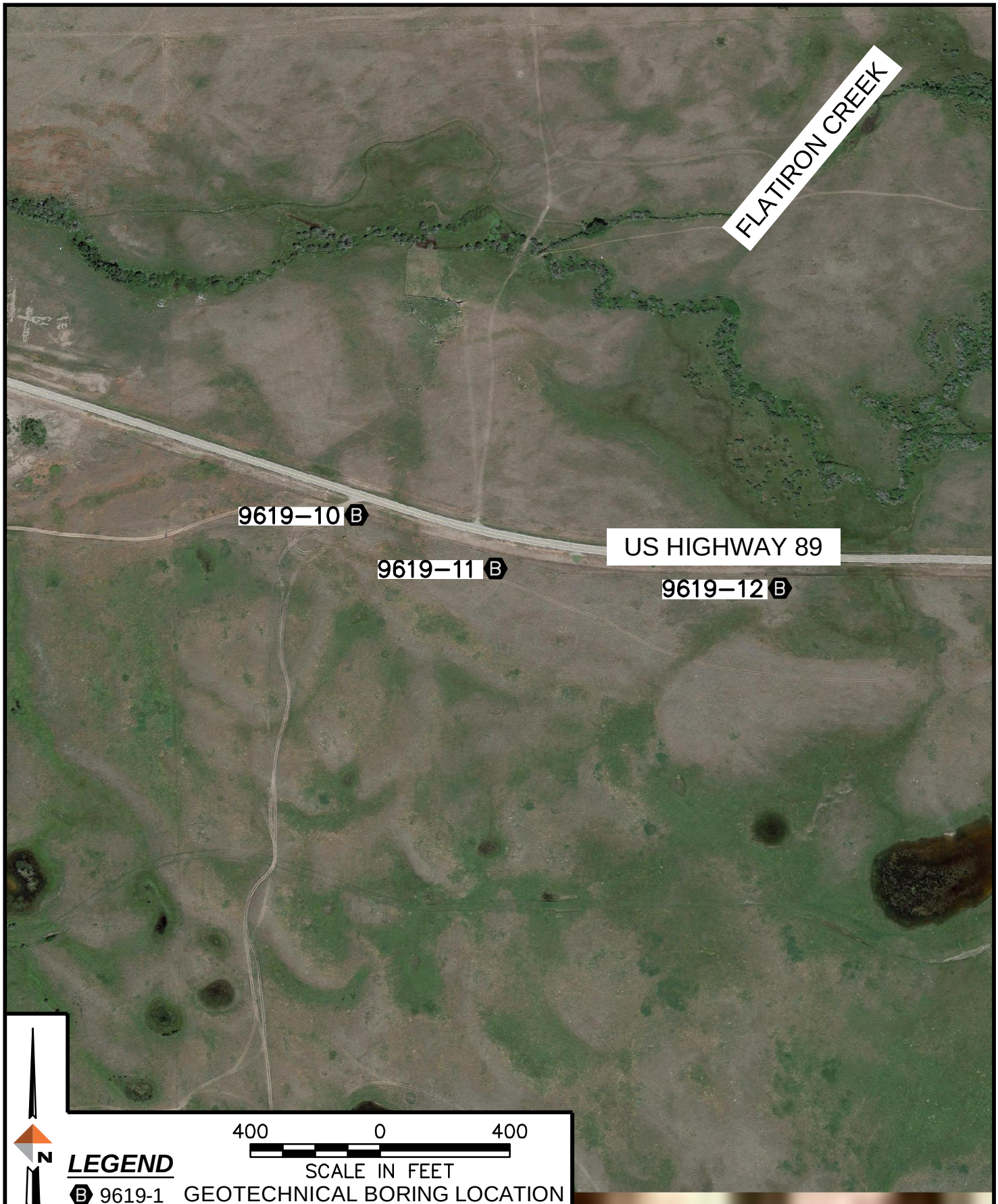
Boring 9619-09

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1586061 ft **Coordinates** E: 1074551 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4820 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 32N 12W 8 - DC **Abandonment:** Cuttings

Depth (ft) / Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) / Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0.5 *4819.5*							TOPSOIL, moist to dry, black to brown. trace of organic materials	0.3 *4819.7*							
1.0 *4819.0*							Sandy SILT with gravel (ML), moist to dry, brown, [A-5].								
1.5 *4818.5*			100												
2.0 *4818.0*															
2.5 *4817.5*			100												
3.0 *4817.0*															
3.5 *4816.5*							Boring Depth: 3.5 ft, *Elevation: 4816.5 ft*	3.5 *4816.5*							

Water Level Observations		Remarks:
▽ During Drilling: **Not Encountered**	▽ After Drilling:	
▼ After Drilling:		

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B:\38\12178-01\50Design\106 – Preliminary Geotech\CAD\Geotechnical Figures.dwg PLOT DATE 2019-9-27 11:24 SAVED DATE 2019-09-27 11:23 USER: drussell

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GLACIER COUNTY SNOW FENCE
GEOTECHNICAL INVESTIGATION
US-89 RP 5.76-6.0 EXPLORATION LOC.

PROJECT	4638.12178–01
DATE	08/15/2019

FIGURE 4

LOG OF BORING

DOWL

Boring 9619-10

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1586289 ft **Coordinates** E: 1085254 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4716 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 32N 12W 10 - DC **Abandonment:** Cuttings

Depth (ft) Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0.5 *4715.5*							TOPSOIL, moist to dry, black to brown. trace of organic materials	0.2 *4715.8*							
1.0 *4715.0*							Poorly-Graded GRAVEL with silt and sand (GP-GM), Cobbles, moist to dry, brown, fine to coarse grained, subrounded, [A-1]. multicolor clasts								
1.5 *4714.5*			100												
2.0 *4714.0*															
2.5 *4713.5*			100												
							Boring Depth: 2.5 ft, *Elevation: 4713.5 ft*	2.5 *4713.5*							auger refusal

Water Level Observations		
▽ After Drilling:	▽ During Drilling: **Not Encountered**	Remarks:
	▼ After Drilling:	

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LOG OF BORING

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Boring 9619-11

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1586195 ft **Coordinates** E: 1085710 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4714 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 32N 12W 10 - DC **Abandonment:** Cuttings

Depth (ft) / Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) / Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
							TOPSOIL, moist to dry, black to brown. trace of organic materials	0.2 *4713.8*							Cobbles and gravel in the road cut
0.5 *4713.5*							Poorly-Graded GRAVEL with silt and sand (GP-GM), Cobbles, moist to dry, brown, fine to coarse grained, subrounded, [A-1-a]. multicolor clasts								
1.0 *4713.0*															
1.5 *4712.5*			100												
2.0 *4712.0*															
2.5 *4711.5*			100						3	40	34	10			
3.0 *4711.0*															
3.5 *4710.5*							Boring Depth: 3.5 ft, *Elevation: 4710.5 ft*	3.5 *4710.5*							

Water Level Observations

During Drilling: **Not Encountered**	Remarks:
After Drilling:	After Drilling:

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LOG OF BORING

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Boring 9619-12

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1586047 ft **Coordinates** E: 1086527 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4697 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 32N 12W 10 - DD **Abandonment:** Cuttings

Depth (ft) Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0.5 4696.5							TOPSOIL, moist to dry, black to brown. trace of organic materials	0.2 4696.8							
1.0 4696.0							Poorly-Graded GRAVEL with silt and sand (GP-GM), Cobbles, moist to dry, brown, fine to coarse grained, subrounded, [A-1]. multicolor clats								
1.5 4695.5			100												
2.0 4695.0															
2.5 4694.5			100												
3.0 4694.0															
3.5 4693.5							Boring Depth: 3.5 ft, *Elevation: 4693.5 ft*	3.5 4693.5							

Water Level Observations		Remarks:
▽ After Drilling:	▽ During Drilling: Not Encountered	
	▼ After Drilling:	

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GLACIER COUNTY SNOW FENCE
GEOTECHNICAL INVESTIGATION
US-2 - RP221.4 - 221.5 EXPLORATIONS

PROJECT	4638.12178-01
DATE	08/15/2019

FIGURE 5

LOG OF BORING

DOWL

Boring 9619-13

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1588524 ft **Coordinates** E: 1115368 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4396 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 32N 11W 10 - BA **Abandonment:** Cuttings

Depth (ft) / Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) / Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0 / 4396.0							TOPSOIL, moist to dry, black to brown. trace of organic materials	0.3 / 4395.8							Boulders on ground surface
0.5 / 4395.5							Clayey SAND with gravel (SC), Cobbles, dry, brown, fine to coarse grained, subrounded to subangular, [A-2-6]. multicolor clasts								
1.0 / 4395.0															
1.5 / 4394.5			100												
2.0 / 4394.0															
2.5 / 4393.5			100						6	38	25	22			
3.0 / 4393.0															
3.5 / 4392.5							Boring Depth: 3.5 ft, *Elevation: 4392.5 ft*	3.5 / 4392.5							

Water Level Observations		Remarks:
▽ After Drilling:	▽ During Drilling: **Not Encountered**	
	▼ After Drilling:	

(2) MDT LOG OF BORING - CONSULTANT_V2_2016+ 2.GDT - 9/26/19 10:51 - B:\38\12178-01\50DESIGN\106 - PRELIMINARY GEOTECH\LOGS\GLACIER SNOW FENCE LOGS.GPJ

LOG OF BORING

Boring 9619-14

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1588852 ft **Coordinates** E: 1115382 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4392 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 32N 11W 10 - BA **Abandonment:** Cuttings

Depth (ft) Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
							TOPSOIL, moist to dry, black to brown. trace of organic materials	0.2 *4391.8*							
0.5 *4391.5*							Clayey SAND with gravel (SC), Cobbles, dry to moist, brown, fine to coarse grained, subrounded, [A-2]. multicolor clasts								
1.0 *4391.0*			100												
1.5 *4390.5*							Boring Depth: 1.5 ft, *Elevation: 4390.5 ft*	1.5 *4390.5*							auger refusal

Water Level Observations		Remarks:
After Drilling:	During Drilling: **Not Encountered**	
	After Drilling:	

(2) MDT LOG OF BORING - CONSULTANT_V2_2016+ 2.GDT - 9/26/19 10:51 - B:\38\12178-01\50DESIGN\106 - PRELIMINARY GEOTECH\LOGS\GLACIER SNOW FENCE LOGS.GPJ

LOG OF BORING

DOWL

Boring 9619-15

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1589033 ft **Coordinates** E: 1114615 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4370 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 32N 11W 10 - BB **Abandonment:** Cuttings

Depth (ft) / Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) / Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0.5 / 4369.5							TOPSOIL, moist, black to brown. trace of organic materials	0.3 / 4369.7							
1.0 / 4369.0							Clayey SAND with gravel (SC), moist to dry, brown, subrounded, [A-4]. occasional cobbles, multicolor clasts								
1.5 / 4368.5			100					1.5 / 4368.5							
2.0 / 4368.0							Clayey SAND (SC), moist, brown to black, fine to coarse grained, [A-6]. trace of organics								
2.5 / 4367.5			100						14	37	20	44			
3.0 / 4367.0															
3.5 / 4366.5							Boring Depth: 3.5 ft, *Elevation: 4366.5 ft*	3.5 / 4366.5							

Water Level Observations		Remarks:
▽ After Drilling:	▽ During Drilling: **Not Encountered**	
	▼ After Drilling:	

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SECTION II



LEGEND

B 9619-1 GEOTECHNICAL BORING LOCATION

600 0 600

SCALE IN FEET

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GLACIER COUNTY SNOW FENCE
GEOTECHNICAL INVESTIGATION
US-2 - RP 212.1-213.55 & 214.11-214.37 EXPLORATION LOCATIONS

PROJECT	4638.12178–01
DATE	08/15/2019

FIGURE 6

B:\38\12178-01\500esign\106 – Preliminary Geotech\CAD\Geotechnical Figures.dwg PLOT DATE 2019-9-27 11:25 SAVED DATE 2019-09-27 11:23 USER: drussell

LOG OF BORING

DOWL

Boring 9619-16

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1564103 ft **Coordinates** E: 1087327 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4942 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 32N 12W 35 - CC **Abandonment:** Cuttings

Depth (ft) Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0.5 *4941.5*							TOPSOIL, moist, black to brown. trace of organic materials								
								0.7 *4941.3*							
1.0 *4941.0*							Sandy Lean CLAY (CL), moist, brown, [A-7].								
1.5 *4940.5*			100												
2.0 *4940.0*															
2.5 *4939.5*			100												
3.0 *4939.0*															
3.5 *4938.5*							Boring Depth: 3.5 ft, *Elevation: 4938.5 ft*	3.5 *4938.5*							

Water Level Observations		Remarks:
After Drilling:	During Drilling: **Not Encountered**	
	After Drilling:	

(2) MDT LOG OF BORING - CONSULTANT_V2_2016+ 2.GDT - 9/26/19 10:51 - B:\38\12178-01\50DESIGN\106 - PRELIMINARY GEOTECH\LOGS\GLACIER SNOW FENCE LOGS.GPJ

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LOG OF BORING

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Boring 9619-17

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1563544 ft **Coordinates** E: 1086767 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4937 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 31N 12W 2 - BB **Abandonment:** Cuttings

Depth (ft) / Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) / Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0.5 *4936.5*							TOPSOIL, moist, black to brown. trace of organic materials	0.5 *4936.5*							
1.0 *4936.0*							Sandy Lean CLAY (CL), moist, brown to black, [A-7-6]. trace of subrounded gravel and cobbles								
1.5 *4935.5*			100												
2.0 *4935.0*															
2.5 *4934.5*			100						11	41	23	51			
3.0 *4934.0*															
3.5 *4933.5*							Boring Depth: 3.5 ft, *Elevation: 4933.5 ft*	3.5 *4933.5*							

Water Level Observations		Remarks:
After Drilling:	During Drilling: Not Encountered	
	After Drilling:	

(2) MDT LOG OF BORING - CONSULTANT_V2_2016+ 2.GDT - 9/26/19 10:51 - B:\38\12178-01\50DESIGN\106 - PRELIMINARY GEOTECH\LOGS\GLACIER SNOW FENCE LOGS.GPJ

LOG OF BORING

DOWL

Boring 9619-18

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1562874 ft **Coordinates** E: 1086274 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4948 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 31N 12W 2 - BB **Abandonment:** Cuttings

Depth (ft) / Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) / Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0.5 4947.5							TOPSOIL, moist, black to brown. trace of organic materials	0.7 4947.3							
1.0 4947.0							Lean CLAY (CL), moist, black to brown, [A-7]. highly organic, peaty								
1.5 4946.5			100												
2.0 4946.0							Fat CLAY (CH), moist to wet, gray, [A-7]. occasional cobbles	1.8 4946.2							
2.5 4945.5			100						21	39	20				
3.0 4945.0															
3.5 4944.5							Boring Depth: 3.5 ft, *Elevation: 4944.5 ft*	3.5 4944.5							

Water Level Observations		Remarks:
▽ After Drilling:	▽ During Drilling: **Not Encountered**	
	▼ After Drilling:	

(2) MDT LOG OF BORING - CONSULTANT_V2_2016+ 2.GDT - 9/26/19 10:51 - B:\38\12178-01\50DESIGN\106 - PRELIMINARY GEOTECH\LOGS\GLACIER SNOW FENCE LOGS.GPJ

LOG OF BORING

DOWL

Boring 9619-19

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1561185 ft **Coordinates** E: 1084909 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4919 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 31N 12W 3 - DA **Abandonment:** Cuttings

Depth (ft) Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0.5 4918.5							TOPSOIL, moist, black to brown. abundent organic materials								
								0.7 4918.3							
1.0 4918.0							Clayey PEAT (PT), moist to wet, black to brown, [A-7].								
1.5 4917.5			100												
								1.7 4917.3							
2.0 4917.0							Lean CLAY (CL), moist to wet, brown, [A-7].								
2.5 4916.5			100												
3.0 4916.0															
3.5 4915.5							Boring Depth: 3.5 ft, *Elevation: 4915.5 ft*	3.5 4915.5							

Water Level Observations		Remarks:
After Drilling:	During Drilling: **Not Encountered**	
	After Drilling:	

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LOG OF BORING

Boring 9619-20

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1560058 ft **Coordinates** E: 1084007 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4956 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 31N 12W 3 - DC **Abandonment:** Cuttings

Depth (ft) / Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) / Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0.5 / 4955.5							TOPSOIL, moist, black to brown. trace of organic materials	0.3 / 4955.7							
1.0 / 4955.0							Sandy Lean CLAY with gravel (CL), dry to moist, brown, [A-7-6].								
1.5 / 4954.5			100												
2.0 / 4954.0															
2.5 / 4953.5			100						10	44	22	63			
3.0 / 4953.0															
3.5 / 4952.5							Boring Depth: 3.5 ft, *Elevation: 4952.5 ft*	3.5 / 4952.5							

Water Level Observations		Remarks:
▽ After Drilling:	▽ During Drilling: **Not Encountered**	
	▼ After Drilling:	

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LOG OF BORING

DOWL

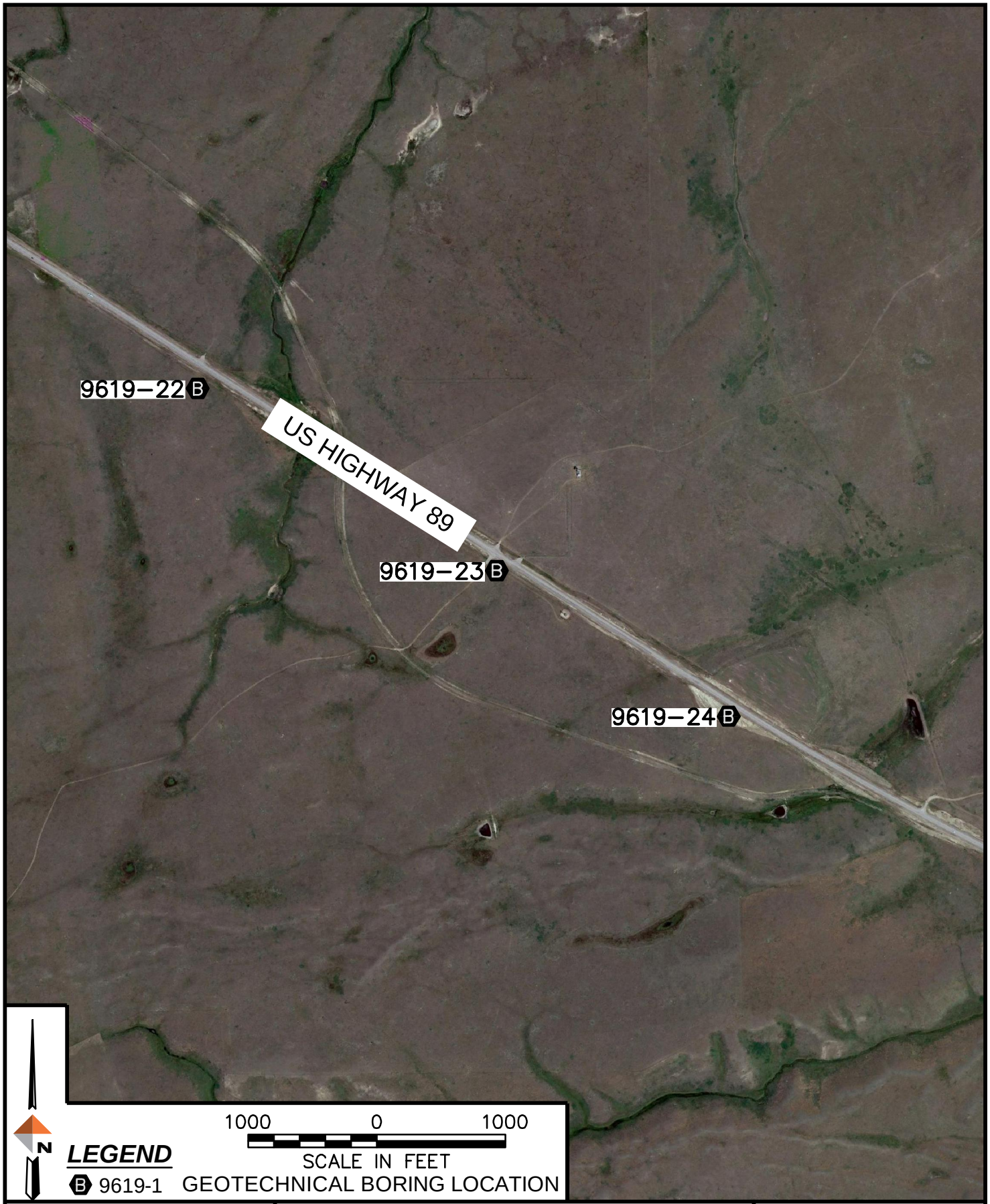
Boring 9619-21

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1559039 ft **Coordinates** E: 1083158 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4953 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 31N 12W 3 - CD **Abandonment:** Cuttings

Depth (ft) Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0.5 4952.5							TOPSOIL, moist, black to brown. trace of organic materials	0.3 4952.7							
1.0 4952.0							Sandy Lean CLAY (CL), dry to moist, brown, [A-7].								
1.5 4951.5			100												
2.0 4951.0															
2.5 4950.5			100												
3.0 4950.0															
3.5 4949.5							Boring Depth: 3.5 ft, *Elevation: 4949.5 ft*	3.5 4949.5							

Water Level Observations		Remarks:
After Drilling:	During Drilling: Not Encountered	
	After Drilling:	

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B:\38\12178-01\50Design\106 - Preliminary Geotech\CAD\Geotechnical Figures.dwg PLOT DATE 2019-9-27 11:25 SAVED DATE 2019-09-27 11:23 USER: drussell

DOWL
WWW.DOWL.COM
1300 Cedar Street
Helena, Montana 59601
406-442-0370

GLACIER COUNTY SNOW FENCE GEOTECHNICAL INVESTIGATION US-89 RP 106.4-107.1 EXPLORATIONS

PROJECT	4638.12178-01
DATE	08/15/2019

FIGURE 7

LOG OF BORING

Boring 9619-22

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1569345 ft **Coordinates** E: 1142841 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4558 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 32N 10W 28 - AC **Abandonment:** Cuttings

Depth (ft) Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
							TOPSOIL, dry, brown. trace of organic materials								Boulders on ground surface
							Clayey SAND (SC), moist to dry, brown, rounded to subrounded, [A-7]. trace of Gravel	0.3 *4557.8*						
0.5 *4557.5*															
1.0 *4557.0*															
1.5 *4556.5*			100												
2.0 *4556.0*															
2.5 *4555.5*			100												
3.0 *4555.0*															
3.5 *4554.5*							Boring Depth: 3.5 ft, *Elevation: 4554.5 ft*	3.5 *4554.5*							

Water Level Observations		
After Drilling:	During Drilling: **Not Encountered**	Remarks:
	After Drilling:	

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LOG OF BORING

Boring 9619-23

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1567751 ft **Coordinates** E: 1145076 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4606 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 32N 10W 27 - CC **Abandonment:** Cuttings

Depth (ft) Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0.5 *4605.5*							TOPSOIL, dry, brown. trace of organic materials	0.3 *4605.8*							
1.0 *4605.0*							Clayey SAND (SC), dry to moist, brown, subrounded to subangular, [A-7-6]. trace of Gravel								
1.5 *4604.5*			100												
2.0 *4604.0*															
2.5 *4603.5*			100						11	48	23	36			
3.0 *4603.0*															
3.5 *4602.5*							Boring Depth: 3.5 ft, *Elevation: 4602.5 ft*	3.5 *4602.5*							

Water Level Observations

▽ During Drilling: **Not Encountered**	Remarks:
▼ After Drilling:	
▼ After Drilling:	

(2) MDT LOG OF BORING - CONSULTANT_V2_2016+ 2.GDT - 9/26/19 10:51 - B:\38\12178-01\50DESIGN\106 - PRELIMINARY GEOTECH\LOGS\GLACIER SNOW FENCE LOGS.GPJ

LOG OF BORING

DOWL

Boring 9619-24

Project: Glacier County Snow Fences		**Rig:** Hand Auger **Hammer:** N/A	**Boring Location** N: 1566509 ft **Coordinates** E: 1146770 ft	**Station:** **Offset:**
Project Number: 4638.12178.01	**UPN:** 9619	**Boring Diameter:** 6 in	**System:** MT S.P. (E) **Datum:** NAD83	**Ground Elevation:** 4582 ft
Date Started: 9/5/19	**Date Finished:** 9/5/19	**Drilling Fluid:** None	**Location Source:** Handheld GPS, Uncorrected	**Elevation Source:** GPS
Driller: D. Barrick **Logger:** D. Russell	**Notes:**			**PLS TRS-QQ:** 32N 10W 27 - CD **Abandonment:** Cuttings

Depth (ft) Elev. (ft)	Operation	Sample Type	Recovery (%)	RQD (%)	Blow Count	Lithology	Material Description	Depth (ft) Elev. (ft)	MC (%)	LL	PL	-200 (%)	Qu (psi)	DD (pcf)	Remarks and Other Tests
0.5 *4581.5*			100				Clayey SANDSTONE, brown to gray, fine grained, medium bedded, medium to soft field hardness, (Telegraph Creek).	0.5 *4581.5*							used a spud bar to excavate about 6 inches into the rock

Boring Depth: 0.5 ft, *Elevation: 4581.5 ft*

Water Level Observations		
▽ After Drilling:	▽ During Drilling: **Not Encountered**	Remarks:
	▼ After Drilling:	

(2) MDT LOG OF BORING - CONSULTANT_V2_2016+ 2.GDT - 9/26/19 10:51 - B:\38\12178-01\50DESIGN\106 - PRELIMINARY GEOTECH\LOGS\GLACIER SNOW FENCE LOGS.GPJ

STANDARD PROVISIONS INDEX

FEDERAL AID PROJECTS	CONTAINS
Federal Wage Rates (Rev. 6-04-2026)	8 Pages
Requirements & Acknowledgement for Working on Railroad R/W	1 Page
Required Contract Provisions Federal-Aid Const. Contracts (FORM FHWA-1273) [Rev.06-25-2026]	12 Pages
Supplemental Revisions for Required Contract Provisions Federal-Aid Const. Contracts (FORM FHWA-1273) [Added 2-4-2016]	1 Page
EEO Affirmative Action Req. on Federal-Aid Construction	1 Page

General Decision Number: MT 20260080 06042026

State: Montana
Construction Type: Highway
Counties: Montana Statewide.

HIGHWAY CONSTRUCTION PROJECTS

Modification Number	Publication Date
1	01/30/2026
2	05/18/2026
3	06/04/2026

SAMT2025-001 01/11/2025

	Rates	Fringes
CARPENTER		
Carpenter	$ 43.78	17.07
Millwright	$ 49.79	20.79
CEMENT MASON/CONCRETE FINISHER	$ 44.98	20.50
DIVER		
Diver Tender	$ 59.66	20.22
Diving	$ 121.53	20.22
Standy-By	$ 60.76	20.22

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.....$ 48.31 22.00
All Areas

IRONWORKER

Reinforcing Iron and Rebar Workers.....	$ 42.70	28.92
Structural Iron and Steel Workers.....	$ 38.31	27.91

LABORER

Group 1.....	$ 30.48	13.60
Group 2.....	$ 33.96	13.60
Group 3.....	$ 34.21	13.60
Group 4.....	$ 35.33	13.60

GROUP 1: Flag Person for Traffic Control

GROUP 2: General Labor; Asbestos Removal; 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 Worker; Heater Tender; Fence Erector; Landscape Laborer; Landscaper; Lawn Sprinkler Installer; Pipe Wrapper; Pot Tender; Powderman Tender; Rail and Truck Loaders and Unloaders; Riprapper; Sign Erection; Guardrail and Jersey Rail; Spike Driver; Stake Jumper; Signalman: Tail Hoseman; Tool Checker and Houseman and Traffic Control Worker

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

GROUP 4: Hod Carrier; Water Well Laborer; Blaster; Wagon Driller; Asphalt Raker; Cutting Torch; Grade Setter; High- Scaler; Power Saws (Faller & Concrete); Powderman; Rock & Core Drill; Track or Truck Mounted Wagon Drill and Welder incl. Air Arc

LINE CONSTRUCTION

Equipment Operator.....	$ 55.14	23.37
Groundman.....	$ 37.43	21.85
Lineman.....	$ 62.60	24.46

PAINTER	$ 39.60	14.12
PILE BUCKS	$ 43.78	17.07

POWER EQUIPMENT OPERATOR:

Group 1	$ 35.72	14.05
Group 2	$ 38.00	14.05
Group 3	$ 39.27	14.05
Group 4	$ 40.60	14.05
Group 5	$ 41.85	14.05
Group 6	$ 43.20	14.05
Group 7	$ 46.15	14.05

GROUP 1: Air Compressor; Auto Fine Graders; Belt Finishing; 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 up 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; Hydra lift Forklifts & 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 Haul Truck, Articulating Trucks, Vac Truck

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

GROUP 5: Cranes, 45 Tons up to and incl. 74 Tons

GROUP 6: Cranes, 75 Tons up to and incl. 149 Tons; Crane, Whirley (All)

GROUP 7: Cranes, 150 Tons up to and incl. 250 Tons; Cranes, over 250 tons-add $1.00 for every 100 tons over 250 tons; Crane, Tower (All); Crane Stiff-Leg or Derrick; Helicopter Hoist

TRUCK DRIVER

Group 1.....$ 31.03 13.83

Group 2.....$ 39.31 13.83

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

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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.

Note: Executive Order 13658 generally applies to contracts subject to the Davis-Bacon Act that were awarded on or between January 1, 2015 and January 29, 2022, and that have not been renewed or extended on or after January 30, 2022. Executive Order 13658 does not apply to contracts subject only to the Davis-Bacon Related Acts regardless of when they were awarded.

If a contract is subject to Executive Order 13658, the contractor must pay all covered workers at least $13.65 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract from May 11, 2026, through December 31, 2026. The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under Executive Order 13658 is available at www.dol.gov/whd/govcontracts.

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

1) Has there been an initial decision in the matter? This can be:
    a) a survey underlying a wage determination
    b) an existing published wage determination
    c) an initial WHD letter setting forth a position on a wage determination matter

d) 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

2) 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.

3) 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 June 25, 2026

**CONTRACT PROVISIONS FOR
FEDERAL-AID CONSTRUCTION CONTRACTS**

I. General
II. Nondiscrimination
III. Davis-Bacon and Related Act Provisions
IV. Contract Work Hours and Safety Standards Act Provisions
V. Subletting or Assigning the Contract
VI. Safety: Accident Prevention
VII. False Statements Concerning Highway Projects
VIII. Implementation of Clean Air Act and Federal Water Pollution Control Act
IX. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
X. Certification Regarding Use of Contract Funds for Lobbying
XI. 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. Historically, contracting agencies using Federal-aid highway funds were required to ensure Form FHWA-1273 was physically incorporated into all contracts and subcontracts. Effective June 10, 2026, this requirement was eliminated [91 FR 25492]. Future use of Form FHWA-1273 is now optional on the part of the contracting agency using Federal-aid highway funds. FHWA continues to make Form FHWA-1273 available as a convenience to contracting agencies. Contracting agencies must continue to ensure compliance with the provisions cited in Form FHWA-1273 in accordance with the provisions regardless of the use of Form FHWA-1273. Accordingly, the contracting agency retains the authority to determine whether the contractor must use Form FHWA-1273 to physically incorporate required contract provisions in each subcontract and in lower tier contracts. Where permitted by the contracting agency, the contractor may choose other ways to include required contract provisions in each subcontract, besides incorporating Form FHWA-1273. Contract provisions in Form FHWA-1273 are not required to be physically included in subcontracts for design services on Federal-aid design-build contracts, or in purchase orders, rental agreements and other agreements for supplies or services.

The applicable provisions 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 or 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.

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

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

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. 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

The contractor and all subcontractors must comply with the following policies: 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, including any amendments thereto.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with 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, including any amendments thereto.

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.

1. Assurances Required:

a. The requirements of 49 CFR Part 26, including any amendments thereto, 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, including any amendments thereto, 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, including any amendments thereto, are incorporated by reference. 49 CFR Part 21.

III. 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 IV, 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 29 CFR part 30, including any amendments thereto.

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 III. 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 in any subcontracts the clauses set forth in paragraphs (1) through (11) of this section, 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.

IV. 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.

* $33 as of January 15, 2025 (See 90 FR 1859) 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 III 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.

V. 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 this section 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 this section 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).

VI. 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).

VII. 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."

VIII. 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.

IX. 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.

* * * * *

X. 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.

XI. 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 (40 U.S.C. sections 14501(d) and 14701 and the Appalachian Regional Commission Code as authorized under 40 U.S.C. section 14302)
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 40 U.S.C. 14501 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.