

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHCOST REGION



QUOTE DOCUMENTS

PROJECT: Waydelich Creek Guardrail Emergency Repair
CONTRACT NO.: SPC25273002

AS-ADVERTISED DATE: 8/21/2026

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Small Procurement

Notice to Bidders

1. The bidder shall [MUST] have a valid Alaska business license at the time the contract is awarded. To qualify as an Alaska bidder under AS 36.30.321, a bidder shall have a valid Alaska business license at the time designated in the invitation for quotes for quote opening. Bidders are required to submit evidence of a valid Alaska Business License in accordance with AS 43.70.020 and 12 AAC 12.020.
2. The Department hereby notifies bidders that information to assist in bid preparation is available from the Department of Transportation and Public Facilities, Juneau office, located at 6860 Glacier Highway.

Publications. The following are available from the Plans Room or for download online:

- a. Standard Specifications for Highway Construction, 2020 Edition (if applicable), download at: [Standard Specifications](#)
 - b. Standard Specifications for Airport Construction, revised 9/23 (if applicable), download at: [Standard Specifications](#)
 - c. Alaska Test Methods Manual (Lab & Field), May 19, 2025 Edition, download at: [Test Methods Manual](#)
 - d. Alaska Storm Water Pollution Prevention Plan Guide, March 2021 Edition, download at: [Water Pollution Guide](#)
 - e. Alaska Traffic Manual, download at: [ATM](#)
 - f. Alaska Construction Manual, download at: [ACM](#)
 - g. Construction Forms and Resources, download at: [Forms](#)
3. Certified payroll must be submitted electronically through AASHTOWare for contracts awarded after January 1, 2021.

In order to submit certified payroll, Contractors, Subcontractors, and lower tier Subcontractors must be active in AASHTOWare, which requires they have a valid Vendor ID with a 913 commodity code.

To obtain a Vendor ID, register with the State of Alaska via the Vendor Self-Serve (VSS). Instructions for creating a new account can be found under the Job Aids at the following link: [Vendor Registration Link](#)

For information on certified payroll, contact the Department of Labor and Workforce Development, Wage and Hour Administration:

- Juneau (907) 465-4842
- Anchorage (907) 269-4900
- Fairbanks (907) 451-2886

Additional DOT&PF AASHTOWare guidance and training Information AASHTOWare Project:

[AASHTOWare Guidance Link](#)

4. Department Provided Documents. The Department MAY provide the successful contractor with the following documents upon award of the contract:
 - One (1) copy of Conformed Plans & Specification in electronic format.
 - Additional copies of contract documents are the responsibility of the contractor.
5. Questions from bidders on this project, along with associated Department responses, may be issued to all interested parties as Informational Notice to Bidders.

All questions must be submitted in writing in sufficient time to receive a reply prior to submitting a bid (Reference Standard Specification 102-1.04). Questions submitted within two business days of bid opening may or may not be considered at the Department's discretion. If a significant question is asked just prior to bid opening, the Department will determine whether the issue raised is significant enough to delay the bid opening and issue an addendum or to proceed with the scheduled bid opening.

Bidders submitting questions may not receive individual responses.

All questions must be submitted to the Procurement Agency contact identified on Form SPC-001.

The Department will publish only questions and answers. The Department will not publish contractor names or contact information.

REQUIRED DOCUMENTS

Required for Quote

Quotes will not be considered if the following documents are not completely filled out/signed and submitted at the time of bidding.

1. **Quote Submittal** - Bidder must sign form.
2. **Applicable Bidder Preference Documents** Procurement preferences under the Alaska Procurement Code are benefits that the State grants only to qualified bidders. Visit <https://dot.alaska.gov/stwddes/dcspubs/forms.shtml> for details and forms.
3. **Bid Schedule** – Bidder must submit with Form SPC002
4. **Non-Collusion Affidavit**
5. **Alaska Business License** – (AS 36.30.110) - **To qualify as an Alaska bidder under AS 36.30.321, a bidder shall have a valid Alaska business license at the time of quote opening.** (License information; contact State of Alaska, Department of Commerce, Community and Economic Development) (<http://www.commerce.state.ak.us/occ/home.htm>)
6. **Bid Bond** – If Basic Bid is equal or greater than \$100,000.00 (may be submitted electronically for Small Procurements)

Required for Award

In order to be awarded the contract, the successful bidder must completely fill out and submit the following documents within the time specified in the intent to award letter:

1. **Subcontractor List** – AS 36.30.115
2. **Payment & Performance Bonds** – Required if the award amount is in excess of \$100,000.00
3. **Certificate of Insurance** - In accordance with Appendix B Indemnity & Insurance
4. **Contractors License**
5. **Alaska Business License** – (AS 36.30.110) - (License information; contact State of Alaska, Department of Commerce, Community and Economic Development) (<http://www.commerce.state.ak.us/occ/home.htm>)
6. A bidder for a construction contract shall also submit proof of the bidder's registration under AS 08.18 before the contract may be awarded.

NON-COLLUSION AFFIDAVIT

UNITED STATES OF AMERICA)
) ss
STATE OF ALASKA)

I, _____, of _____
(Name) (Name of Firm, if any)

being duly sworn, do depose and state:

That I, or the firm, association or corporation of which I am a member, a bidder on the contract to be awarded by the Department of Transportation and Public Facilities of the State of Alaska for the services of that certain contract designated as Project (Contract) Number SPC25273002 located at Juneau in the State of Alaska, have not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract.

(Signature)

Date: _____

Note: Must accompany Quote Submittal.



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

INVITATION FOR QUOTES FOR
A SMALL PROCUREMENT
(CONSTRUCTION RELATED)

[per AS 36.30.320(a)]

Project Name & No.: <u>Waydelich Creek Guardrail Emergency Repair, SPC25273002</u>		Procurement Agency and Address: <u>State of Alaska</u> <u>Department of Transportation & Public Facilities</u> <u>6860 Glacier Highway</u> <u>Juneau, AK 99801</u> <u>srdotpfcontracts@alaska.gov</u>	
Location: <u>Juneau, AK</u>			
Procurement Officer: <u>Vicky Roberts, Acting SR Director</u>		Date of Issuance: <u>August 21, 2026</u>	
DESCRIPTION OF WORK, REQUIRED COMPLETION DATE, LISTING OF ATTACHMENTS: Mobilize and set up traffic control to replace 212.5 feet of w-beam guardrail on the up-hill side of Waydelich Creek. The guardrail will need to be tied into the undamaged existing controlled release terminal on one end and the existing rail on the other end.			
The Project cost estimate is: ☐ under \$10,000 ☐ \$10,000 - \$50,000 ☒ \$50,001 - \$100,000 ☐ \$100,001 - \$200,000 ^{1,2} 1. Quotes in excess of \$200,000 will be deemed non-responsive. 2. Any project in excess of \$100,000 must be bonded.			
Davis-Bacon Wages (Title 36.05): are ☒ are not ☐ required on this project.			
The following insurance coverages are required: ☒ Workers Comp ☒ General Liability ☒ Automobile			
Bonding Requirement: Bid Bond (25D-14), Payment Bond (SPC-005) Performance Bond (SPC-006) & are ☒ are not ☐ required on this project.			
Quotes for furnishing all labor, equipment and materials and performing all work for the above Project are invited. To be eligible for consideration, quotes must be received before <u>4:00 PM</u> local time on the <u>3rd</u> day of <u>September</u> , 2026. Late quotes cannot be accepted. Disadvantaged Business Enterprises (DBE's) may submit quotes and will not be discriminated against on the grounds of race, color, national origin or sex in consideration for an Award which results from this invitation. Any errors, omissions, or questions pertaining to solicitation procedures or Project requirements, requests for additional documents, or inquiries pertaining to site conditions or scheduled visits must be made to: Title: <u>Jenny Huntley</u> , at: <u>srdotpfcontracts@alaska.gov</u> <u></u> , Telephone: <u>(907) 465-4420</u>			
Applicable provisions of AS 36.30 and 2 AAC 12 govern this solicitation.			
SUBMITTAL OF QUOTES: Quotes for this Project must be submitted in the manner noted below. All Offerors must familiarize themselves with the <i>Instructions to Offerors</i> , page 2 of this form, prior to submitting their quote.			
☐ - VERBAL QUOTES SHALL BE GIVEN TO <u></u> AT THE ABOVE NOTED TELEPHONE NUMBER, PRIOR TO THE STATED DEADLINE. (See above Bonding Requirements.)			
☒ - WRITTEN QUOTES, INCLUDING AMENDMENTS OR WITHDRAWALS, MUST BE RECEIVED PRIOR TO THE ABOVE NOTED DEADLINE. QUOTES MUST BE SUBMITTED ON FORM SPC-002, QUOTE SUBMITTAL, ATTACHED. (See above Bonding Requirements.)			
Written quotes may be submitted by electronically, hand delivered, or mailed in a sealed envelope. Confidentiality is only assured for sealed quotes. Mailed quotes must allow time for delivery and the envelope must be marked as follows:			
Quote for Project:		Procurement Agency Address:	
Name:	<u>Waydelich Creek Guardrail Emergency Repair</u>	<u>State of Alaska- DOT&PF</u>	
Number:	<u>SPC25273002</u>	<u>6860 Glacier Highway</u>	
Attn:	<u>srdotpfcontracts@alaska.gov</u>	<u>Juneau, AK 99801</u>	
Quote amendments or withdrawals must be made in writing to the individual of the Procurement Agency receiving the quotes, and must be received prior to the time for quote submittal.			



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

INVITATION FOR QUOTES FOR
A SMALL PROCUREMENT
(CONSTRUCTION RELATED)

INSTRUCTIONS TO OFFERORS

The State of Alaska desires that all Offerors submitting quotes on construction contracts are given a fair and equal opportunity to compete. Offerors are required to follow these instructions:

REVIEW THE PROJECT DOCUMENTS: Most construction Projects in excess of \$1,000 will have some type of written documentation prepared expressly for the Work. If you are asked to submit a quote and no written information has been provided, you should ask the procurement Agency for written documentation. If the scope of services have been described to you verbally, and you are selected for Contract Award, you must ensure that the information of the services to be performed (scope of work) is put in writing prior to accepting the Contract. When providing a Quote, carefully review and consider all materials related to the solicitation and work of the contract. **By submitting a quote the Offeror warrants that they are familiar with the Project requirements, have visited or otherwise examined the site, and are aware of the conditions to be encountered.** Offeror's can verify the contents and completeness of their quote documents by contacting the procurement Agency individual named on the front of this form.

SUBMITTING THE QUOTE: The Quote must be submitted in one of the following formats as called for in the Invitation:

1. **ORALLY** - if a verbal quote is solicited, the Offeror must provide, in addition to their quote amount and mailing address -- (1) their valid Alaska Business License number, (2) if applicable, a valid Contractor's Registration number, (3) their status as an Alaskan Bidder (Offeror), (4) their intended use of Alaskan products, (5) the carrier's name and policy number for their Workers' Comp Insurance (or a statement of sole proprietorship, if applicable), and (6) the Employer (Tax) Identification Number or Social Security Number. The Procurement Agency will enter this information on the quote schedule.

2. **WRITTEN** - if a written quote is solicited, the Offeror must complete, in ink or typewritten, the *Small Procurement Quote Submittal*, Form SPC-002. Failure to acknowledge receipt of addenda or to execute the form correctly and completely may disqualify the quote.

NOTE: The Department of Labor requires an Offeror to be licensed and registered for the required type of work prior to submitting a quote. If the procurement Agency determines the Offeror is improperly registered or licensed, their quote may be deemed nonresponsive.

SUBCONTRACTOR LISTING: Subcontractors intended to be utilized on this contract must be listed in the response to the solicitation. Work shall not be awarded to any subcontractor without prior approval from the procurement Agency. Subcontractors may be added or removed only as approved by the procurement Agency.

DETERMINATION OF THE LOWEST RESPONSIBLE QUOTE AND CONTRACT AWARD: Following receipt and determination of all **responsive** oral, written or sealed quotes, the procurement Agency will compare the quotes and determine the lowest Offeror. If the procurement Agency discovers a discrepancy between the unit price amount and the extended amount; the unit price amount will prevail. Conditioned quotes, unless expressly requested, will not be considered. When the quote schedule is composed of a basic amount with alternates, the procurement Agency will base its determination of the low quote and the amount of the Contract Award solely upon those quotes, basic and alternates, that are priced within the extent of available construction funds. Alternates will be considered for Award in the order listed, except that if the order of Offerors is not affected, the Award may include any combination of funded alternates, or none, as may be in the best interest of the procurement Agency.

When determining the lowest quote, the procurement Agency will also give a 5% Alaska Offeror's preference and an appropriate Alaska Products preference to quotes designating the applicability of a preference. To qualify for the Offeror's preference (per AS 36.30.170) the Offeror **must** (1) hold a current Alaska Business License, (2) submit the quote under the name appearing on the license, (3) have staffed and maintained a place of business within Alaska for the previous six months and (4) be incorporated or qualified to do business under the laws of the State. In addition, if the Offeror is a partnership or joint venture, all parties must meet the criteria to be eligible for the preference. A booklet fully describing the Alaska Preferences (Bidder, Offeror, Product, Disabilities, Veteran) program is available at <http://doa.alaska.gov/dgs/pdf/pref2.pdf>. A detailed description of the Alaska Products Preference Program is available at <http://www.commerce.state.ak.us/ded/dev/prodpref/prodpref.htm>.

The procurement Agency will make a determination of **responsibility** as required by 2 AAC 12.500. If the lowest Offeror is declared responsible, the procurement Agency will execute the *Notice of Award / Notice to Proceed*, Form SPC-003, and send it to the Offeror for acknowledgement. If the lowest Offeror is found to be nonresponsive, this process will be repeated with the second lowest Offeror -- and so on until the lowest responsive and responsible Offeror is determined.

NOTICE OF AWARD AND PROTEST: A written notice will be provided on all Awards exceeding \$ 25,000 (2 AAC 12.400(h)). All protests must be filed with the Commissioner of the procurement Agency (or designee) and copied to the Procurement Officer. Protest procedures are described in AS 36.30.560 and 2 AAC 12.695. The extent of the protest remedy is limited to quote preparation costs (AS 36.30.585).

INDEMNITY AND INSURANCE – The following insurance is required for all construction contracts:

Article 1. Indemnification

The Contractor shall indemnify, hold harmless, and defend the contracting agency from and against any claim of, or liability for error, omission or negligent act of the Contractor under this agreement. The Contractor shall not be required to indemnify the contracting agency for a claim of, or liability for, the independent negligence of the contracting agency. If there is a claim of, or liability for, the joint negligent error or omission of the Contractor and the independent negligence of the Contracting agency, the indemnification and hold harmless obligation shall be apportioned on a comparative fault basis. "Contractor" and "Contracting agency", as used within this and the following article, include the employees, agents and other contractors who are directly responsible, respectively, to each. The term "independent negligence" is negligence other than in the Contracting agency's selection, administration, monitoring, or controlling of the Contractor and in approving or accepting the Contractor's work.

Article 2. Insurance

Without limiting Contractor's indemnification, it is agreed that Contractor shall purchase at its own expense and maintain in force at all times during the performance of services under this agreement the following policies of insurance. Where specific limits are shown, it is understood that they shall be the minimum acceptable limits. If the Contractor's policy contains higher limits, the state shall be entitled to coverage to the extent of such higher limits. Certificates of Insurance must be furnished to the Contracting Officer prior to beginning work and must provide for a notice of cancellation, nonrenewal, or material change of conditions in accordance with policy provisions. Failure to furnish satisfactory evidence of insurance or lapse of the policy is a material breach of this contract and shall be grounds for termination of the Contractor's services. All insurance policies shall comply with, and be issued by insurers licensed to transact the business of insurance under AS 21.

2.1 Workers' Compensation Insurance: The Contractor shall provide and maintain, for all employees engaged in work under this contract, coverage as required by AS 23.30.045, and; where applicable, any other statutory obligations including but not limited to Federal U.S.L. & H. and Jones Act requirements. The policy must waive subrogation against the State.

2.2 Commercial General Liability Insurance: covering all business premises and operations used by the Contractor in the performance of services under this agreement with minimum coverage limits of \$300,000 combined single limit per claim.

2.3 Commercial Automobile Liability Insurance: covering all vehicles used by the Contractor in the performance of services under this agreement with minimum coverage limits of \$300,000 combined single limit per claim.



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SMALL PROCUREMENT QUOTE SUBMITTAL
(CONSTRUCTION RELATED)

[per AS 36.30.320(a)]

Project Name & No.: <u>Waydelich Creek Guardrail Emergency Repair, SPC25273002</u>		Procurement Agency and Address: <u>State of Alaska</u> <u>Department of Transportation & Public Facilities</u> <u>6860 Glacier Highway</u> <u>Juneau, AK 99801</u> <u>srdotpfcontracts@alaska.gov</u>	
Location: <u>Juneau, AK</u>			
Procurement Officer: <u>Vicky Roberts, Acting SR Director</u>		Date of Issuance: <u>08/21/2026</u> Bid is Due: <u>09/03/2026</u>	
QUOTE: Offerors must read all attachments to this schedule.			
The work as described in the IFQ shall be performed for:			
ITEM	DESCRIPTION	UNIT BID PRICE	ESTIMATED QUANTITY BASIC BID AMOUNT
SEE ATTACHED BID SCHEDULE			
State Wage Rates ("Little" Davis-Bacon Wages) can be found at the following: <u>Laborers' & Mechanics' Minimum Rates of Pay</u>			
I have reviewed the bid documents, with addenda _____, and understand the scope of services and conditions required for Project number _____. I agree to furnish all necessary labor, materials, and equipment for the above amount(s). The Work shall be accomplished in a professional manner acceptable to the Procurement Officer.			
Contractor _____		Contractor Reg. No. _____	
Authorized Signature _____		Title _____	
Address _____			
Business License # _____		EIN or SSN _____	Phone # _____
Offeror is Claiming: ☐ Alaska Bidder's Preference ☐ Alaska Veteran Preference ☐ Alaska Products Pref. ☐ Alaska Military Skills Preference (forms available at <u>https://dot.alaska.gov/stwddes/dcspubs/forms.shtml</u>)			
.....			
Procurement Officer: _____			
Date of Receipt of Bid: _____			

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
Waydelich Creek Guardrail Emergency Repair- SPC25273002

Bid Schedule

Item No.	Pay Item	Pay Unit	Quantity	Unit Price	Amount
606.0005.0000	Removing and Replace Guardrail	LF	213		
640.0001.0000	Mobilization & Demobilization	LS	All Req'd.		
643.0002.0000	Traffic Maintenance	LS	All Req'd.		
643.0025.0000	Traffic Control	CS	1		

Total _____



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

BID BOND

For

Waydelich Creek Guardrail Emergency Repair, SPC25273002

Project Name and Number

DATE BOND EXECUTED: _____

PRINCIPAL (Legal name and business address):

TYPE OF ORGANIZATION:

	☐ Individual	☐ Partnership
	☐ Joint Venture	☐ Corporation
STATE OF INCORPORATION:		

SURETY(IES) (Name and business address):

A.	B.	C.
PENAL SUM OF BOND:		DATE OF BID:

We, the PRINCIPAL and SURETY above named, are held and firmly bound to the State (State of Alaska), in the penal sum of the amount stated above, for the payment of which sum will be made, we bind ourselves and our legal representatives and successors, jointly and severally, by this instrument.

THE CONDITION OF THE FOREGOING OBLIGATION is that the Principal has submitted the accompanying bid in writing, date as shown above, on the above-referenced Project in accordance with contract documents filed in the office of the Contracting Officer, and under the Invitation for Bids therefor, and is required to furnish a bond in the amount stated above.

If the Principal's bid is accepted and he is offered the proposed contract for award, and if the Principal fails to enter into the contract, then the obligation to the State created by this bond shall be in full force and effect.

If the Principal enters into the contract, then the foregoing obligation is null and void.

PRINCIPAL

Signature(s)	1.	2.	3.
Name(s) & Title(s) (Typed)	1.	2.	3.

Corporate
Seal

See Instructions on Reverse

CORPORATE SURETY(IES)

Surety A	Name of Corporation	State of Incorporation	Liability Limit \$
Signature(s)	1.	2.	Corporate Seal
Name(s) & Titles (Typed)	1.	2.	

Surety B	Name of Corporation	State of Incorporation	Liability Limit \$
Signature(s)	1.	2.	Corporate Seal
Name(s) & Titles (Typed)	1.	2.	

Surety C	Name of Corporation	State of Incorporation	Liability Limit \$
Signature(s)	1.	2.	Corporate Seal
Name(s) & Titles (Typed)	1.	2.	

INSTRUCTIONS

1. This form shall be used whenever a bid bond is submitted.
2. Insert the full legal name and business address of the Principal in the space designated. If the Principal is a partnership or joint venture, the names of all principal parties must be included (e.g., "Smith Construction, Inc. and Jones Contracting, Inc. DBA Smith/Jones Builders, a joint venture"). If the Principal is a corporation, the name of the state in which incorporated shall be inserted in the space provided.
3. Insert the full legal name and business address of the Surety in the space designated. The Surety on the bond may be any corporation or partnership authorized to do business in Alaska as an insurer under AS 21.09. Individual sureties will not be accepted.
4. The penal amount of the bond may be shown either as an amount (in words and figures) or as a percent of the contract bid price (a not-to-exceed amount may be included).
5. The scheduled bid opening date shall be entered in the space marked Date of Bid.
6. The bond shall be executed by authorized representatives of the Principal and Surety. Corporations executing the bond shall also affix their corporate seal.
7. Any person signing in a representative capacity (e.g., an attorney-in-fact) must furnish evidence of authority if that representative is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved.
8. The states of incorporation and the limits of liability of each surety shall be indicated in the spaces provided.
9. The date that bond is executed must not be later than the bid opening date.



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

NOTICE OF AWARD (NOA)
SMALL PROCUREMENT CONTRACT
(CONSTRUCTION RELATED)

[per AS 36.30.320]

Project Name & No.: <u>Waydelich Creek Guardrail Emergency Repair, SPC25273002</u>	Procurement Agency and Address: <u>State of Alaska</u> <u>Department of Transportation & Public Facilities</u> <u>6860 Glacier Highway</u> <u>Juneau, AK 99801</u> <u>srdotpfcontracts@alaska.gov</u>
Location: <u>Juneau, Alaska</u>	
Procurement Officer's Signature: [Vicky Roberts]	Date of Issuance: []

TO: [] [] []	FOR: Work related to Basic Bid of: <u>Waydelich Creek Guardrail</u> <u>Emergency Repair</u> , including the basic quote and alternate quote item(s): [N/A] [] []	The Contractor Must Submit: Insurance* ☒ Bonding* ☒ Certified Wages* ☒ Dept. of Labor (Notice of Work)* ☒ Subcontractor List* ☒ * Comments as applicable:
.....		
Your quote in the amount of [] submitted on [], is accepted for performance of the Work described in the attached Estimate and Scope of Work, which are a part of this Contract.		
The Contractor must sign, date, and return this document to the <i>procurement</i> address shown above. The Procurement Officer will then sign and return a copy to the Contractor, and the Award will be deemed made. The Work of this contract may not commence until the Notice to Proceed (NTP) is issued.		
Contractor's Signature of Contract Award Acceptance: [] Date : []		
NOTICE TO UNSELECTED OFFERORS ON PROJECTS OVER \$50,000		
In accordance with the protest rights afforded under 2 AAC 12.400(d)(2)(B) & (3), a copy of this Notice of Award is hereby provided to those individuals and businesses who submitted a response to the initial solicitation on which this award is made.		



**STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES**

**NOTICE OF AWARD (NOA)
SMALL PROCUREMENT CONTRACT
(CONSTRUCTION RELATED)**

GENERAL CONDITIONS

[Construction Procurement under AS 36.30.320]

These terms, conditions and requirements apply to the Contract Documents describing the Work for the Project. If any provision of these Contract Documents is declared by a court to be illegal or in conflict with any law, the validity of the remaining provisions and the ensuing rights and obligations of the Parties to the contract shall not be affected.

Whenever used in these Contract Documents, the following terms shall have the indicated meaning. Any term not so defined shall have its ordinary meaning.

- **Approved or Approval** - means written approval by the Procurement Officer or authorized representative.
- **Award** - means the written acceptance of the lowest responsive and responsible quote by the Procurement Agency.
- **Contract Documents** - includes the *Invitation for Quotes for a Small Procurement*, Form SPC-001 (with Instructions - if issued), the *Notice of Award / Notice to Proceed*, Form SPC-003, any addenda, written changes, or attachments as noted in the description of the Work.
- **Procurement Officer** - the person authorized to enter into and administer the contract on behalf of the Procurement Agency.
- **Parties to the Contract** - includes the Procurement Agency, the owner Agency representing the State of Alaska, and the Contractor, being the entity contracting with the owner Agency for performance of the Work.
- **Project** - the total construction, of which the Work performed under the Contract is the whole or part.
- **Project Manager** - the Procurement Officer's authorized representative, responsible for Contract administration.
- **Work** - is the act of, and the result from, performing services, furnishing labor, furnishing and incorporating materials and equipment into the Project and performing other duties and obligations, all as required by the Contract Documents.

1. The Procurement Officer (or authorized representative) has the authority to make findings, determinations and decisions with respect to the contract; to Approve materials, Work and payment therefore; and to modify or terminate the contract on behalf of the Procurement Agency.
2. The Contractor shall have sole responsibility for the means, methods, sequences, or procedures of construction and safety precautions related to the Project. The Contractor shall conduct all Work in such a manner that protects the public and State resources.
3. The Contractor must comply with all applicable laws, regulations, codes, ordinances and written directives issued by the Procurement Officer. In addition, the Contractor must obtain applicable licenses and permits; provide supervision, labor, tools, and new materials (except as may otherwise be provided by the Procurement Agency); and utilize Alaska Products and Wood Products when applicable (see AS 36.05.010 & AS 36.30.322).
4. The Contractor shall not award Work to any subcontractor without prior Approval from the Procurement Officer.
5. The Procurement Agency reserves the right to make written changes to the Contract Documents for modifications within the general scope of the Work.
6. Any act or occurrence, be it a result of an emergency, differing site condition or change order, which may form the basis of a claim for a price or time adjustment must be reported immediately to the Procurement Officer.
7. The Department of Labor and Workforce Development, Wage and Hour Administration, must be notified in accordance with AS 36.05.010 and AS 36.05.030 if the resulting contract for repairs or construction exceeds \$25,000. The Contractor must comply with the requirements noted within the Department of Labor packet entitled, "Laborers' & Mechanics' Minimum Rates of Pay." To obtain a copy of the referenced packet, contact the Procurement Agency or the Department of Labor.
8. The primary contractor working on public construction projects with an amount of \$25,000 or more must file a Notice of Work and pay a one percent fee based on the estimated value of work performed by the prime contractor and one percent of the value of each subcontractor's price, to the Department of Labor and Workforce Development, Wage and Hour Administration (DOLWD). The maximum fee is \$5,000.00. The notice and fees must be filed with the DOLWD before work commences on the project.

Upon completing the construction project, the primary contractor must file a Notice of Completion (NOC) and make payment of any additional fees due to increases in the contract amounts due the primary contractor. The Notice of Work and Notice of Completion forms are available at:

<http://www.labor.state.ak.us/lss/lssforms.htm>

9. The Contractor shall indemnify, save harmless, and defend the Procurement Agency, its agents and its employees in accordance with Appendix B1 below. Furthermore, the Contractor shall, prior to the Award of the contract, provide proof of Workmen's Compensation, General Liability, and Automobile Insurance in amounts as applicable under Appendix B1. These coverages shall remain in force for the duration of the Contract.
10. The Contractor shall remedy all defects in materials or workmanship that develop within a period of one year from the date of final payment.
11. The Procurement Agency will make final payment to the Contractor following approval of completion of all Work and the Contractor's submittal of all releases, warranties, record documents, permits and invoices. Liens or other claims relating to the Project may be withheld from final payment if written notice is first given to the Contractor. Acceptance of the final payment will constitute the Contractor's waiver to future claims.
12. Any dispute arising out of this Contract, which cannot be satisfactorily remedied by the Parties to the Contract, shall be resolved under AS 36.30.620 - 699.

APPENDIX

INDEMNITY AND INSURANCE

Article 1. Indemnification

The Contractor shall indemnify, hold harmless, and defend the contracting agency from and against any claim of, or liability for error, omission or negligent act of the Contractor under this agreement. The Contractor shall not be required to indemnify the contracting agency for a claim of, or liability for, the independent negligence of the contracting agency. If there is a claim of, or liability for, the joint negligent error or omission of the Contractor and the independent negligence of the Contracting agency, the indemnification and hold harmless obligation shall be apportioned on a comparative fault basis. "Contractor" and "Contracting agency", as used within this and the following article, include the employees, agents and other contractors who are directly responsible, respectively, to each. The term "independent negligence" is negligence other than in the Contracting agency's selection, administration, monitoring, or controlling of the Contractor and in approving or accepting the Contractor's work.

Article 2. Insurance

Without limiting Contractor's indemnification, it is agreed that Contractor shall purchase at its own expense and maintain in force at all times during the performance of services under this agreement the following policies of insurance. Where specific limits are shown, it is understood that they shall be the minimum acceptable limits. If the Contractor's policy contains higher limits, the state shall be entitled to coverage to the extent of such higher limits. Certificates of Insurance must be furnished to the Contracting Officer prior to beginning work and must provide for a notice of cancellation, nonrenewal, or material change of conditions in accordance with policy provisions. Failure to furnish satisfactory evidence of insurance or lapse of the policy is a material breach of this contract and shall be grounds for termination of the Contractor's services. All insurance policies shall comply with, and be issued by insurers licensed to transact the business of insurance under AS 21.

2.1 Workers' Compensation Insurance: The Contractor shall provide and maintain, for all employees engaged in work under this contract, coverage as required by AS 23.30.045, and; where applicable, any other statutory obligations including but not limited to Federal U.S.L. & H. and Jones Act requirements. The policy must waive subrogation against the State.

2.2 Commercial General Liability Insurance: covering all business premises and operations used by the Contractor in the performance of services under this agreement with minimum coverage limits of \$300,000 combined single limit per claim.

2.3 Commercial Automobile Liability Insurance: covering all vehicles used by the Contractor in the performance of services under this agreement with minimum coverage limits of \$300,000 combined single limit per claim.



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SUBCONTRACTOR LIST

Waydelich Creek Guardrail Emergency Repair, SPC25273002

Project Name and Number

The apparent low bidder shall complete this form and submit it so as to be received by the Contracting Officer prior to the close of business on the fifth working day after receipt of written notice from the Department.

An apparent low bidder who fails to submit a completed Subcontractor List form within the time allowed will be declared nonresponsive and may be required to forfeit the bid security.

Scope of work must be clearly defined. If an item of work is to be performed by more than one firm, indicate the portion or percent of work to be done by each.

Check as applicable: ☐ All Work on the above-referenced project will be accomplished without subcontracts

Or

☐ List all first tier Subcontractors as follows:

FIRM NAME, ADDRESS, PHONE NO.	AK BUSINESS LICENSE NO., CONTRACTOR'S REGISTRATION NO.	SCOPE OF WORK TO BE PERFORMED

CONTINUE SUBCONTRACTOR INFORMATION ON REVERSE

For projects with federal-aid funding, I hereby certify Alaska Business Licenses and Contractor Registrations will be valid for all subcontractors prior to award of the subcontract. For projects without federal-aid funding (State funding only), I hereby certify the listed Alaska Business Licenses and Contractor Registrations were valid at the time bids were opened for this project.

Signature of Authorized Company Representative

Title

Company Name

Company Address (Street or PO Box, City, State, Zip)

Date

Phone Number



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

PAYMENT BOND

Bond No. _____

For

Waydelich Creek Guardrail Emergency Repair, SPC25273002

Project Name and Number

KNOW ALL WHO SHALL SEE THESE PRESENTS:

That

of _____ as Principal,

and _____

of _____ as Surety,

firmly bound and held unto the State of Alaska in the penal sum of _____ Dollars

(\$ _____) good and lawful money of the United States of America for the payment whereof, well and truly to be paid to the State of Alaska, we bind ourselves, our heirs, successors, executors, administrators, and assigns, jointly and severally, firmly by these presents.

WHEREAS, the said Principal has entered into a written contract with said State of Alaska, on the _____ of _____ A.D., 20____, for construction of the above-referenced project, said work to be done according to the terms of said contract.

Now, THEREFORE, the conditions of the foregoing obligation are such that if the said Principal shall comply with all requirements of law and pay, as they become due, all just claims for labor performed and materials and supplies furnished upon or for the work under said contract, whether said labor be performed and said materials and supplies be furnished under the original contract, any subcontract, or any and all duly authorized modifications thereto, then these presents shall become null and void; otherwise they shall remain in full force and effect.

IN WITNESS WHEREOF, we have hereunto set our hands and seals at _____, this _____ day of _____ A.D., 20____.

Principal:

Address:

By:

Contact Name:

Phone: ()

Surety:

Address:

By:

Contact Name:

Phone: ()

The offered bond has been checked for adequacy under the applicable statutes and regulations:

Alaska Department of Transportation & Public Facilities Authorized Representative

Date

See Instructions on Reverse

INSTRUCTIONS

1. This form, for the protection of persons supplying labor and material, shall be used whenever a payment bond is required. There shall be no deviation from this form without approval from the Contracting Officer.
2. The full legal name, business address, phone number, and point of contact of the Principal and Surety shall be typed on the face of the form. Where more than a single surety is involved, a separate form shall be executed for each surety.
3. The penal amount of the bond, or in the case of more than one surety the amount of obligation, shall be typed in words and in figures.
4. Where individual sureties are involved, a completed Affidavit of Individual Surety shall accompany the bond. Such forms are available upon request from the Contracting Officer.
5. The bond shall be signed by authorized persons. Where such persons are signing in a representative capacity (e.g., an attorney-in-fact), but is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved, evidence of authority must be furnished.



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

PERFORMANCE BOND

Bond No. _____

For

Project Name and Number

KNOW ALL WHO SHALL SEE THESE PRESENTS:

That _____
of _____ as Principal,
and _____
of _____ as Surety,
firmly bound and held unto the State of Alaska in the penal sum of _____ Dollars

(\$ _____) good and lawful money of the United States of America for the payment whereof,
well and truly to be paid to the State of Alaska, we bind ourselves, our heirs, successors, executors, administrators, and assigns,
jointly and severally, firmly by these presents.

WHEREAS, the said Principal has entered into a written contract with said State of Alaska, on the _____ of _____
A.D., 20____, for construction of the above-named project, said work to be done according to the terms of said contract.

Now, THEREFORE, the conditions of the foregoing obligation are such that if the said Principal shall well and truly perform and
complete all obligations and work under said contract and if the Principal shall reimburse upon demand of the Department of
Transportation and Public Facilities any sums paid him which exceed the final payment determined to be due upon completion of the
project, then these presents shall become null and void; otherwise they shall remain in full force and effect.

IN WITNESS WHEREOF, we have hereunto set our hands and seals at _____,
_____ this _____ day of _____ A.D., 20____.

Principal: _____

Address: _____

By: _____

Contact Name: _____

Phone: () _____

Surety: _____

Address: _____

By: _____

Contact Name: _____

Phone: () _____

The offered bond has been checked for adequacy under the applicable statutes and regulations:

Alaska Department of Transportation & Public Facilities Authorized Representative

Date

See Instructions on Reverse

INSTRUCTIONS

1. This form shall be used whenever a performance bond is required. There shall be no deviation from this form without approval from the Contracting Officer.
2. The full legal name, business address, phone number, and point of contact of the Principal and Surety shall be typed on the face of the form. Where more than a single surety is involved, a separate form shall be executed for each surety.
3. The penal amount of the bond, or in the case of more than one surety the amount of obligation, shall be typed in words and in figures.
4. Where individual sureties are involved, a completed Affidavit of Individual Surety shall accompany the bond. Such forms are available upon request from the Contracting Officer.
5. The bond shall be signed by authorized persons. Where such person is signing in a representative capacity (e.g., an attorney-in-fact), but is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved, evidence of authority must be furnished.



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
Civil Rights Office – DBE Program

BIDDER REGISTRATION

All firms are required to submit a Bidder's Registration form before an Alaska Department of Transportation and Public Facilities (DOT&PF) project can be awarded. The Bidder Registration form must be submitted to the Civil Rights Officer (CRO) on an annual basis beginning January 1 and is valid thru December 31. Complete this form for each contractor and subcontractor. Firms will be listed on the bidder registration online directory <https://dot.alaska.gov/cvlrts/bidreg.shtml>.

Name of Firm: _____ Date Firm was Established: _____

Street Address: _____

Mailing Address: _____

Phone #: _____ Other Phone #: _____ Fax #: _____

Contact Name: _____ Email Address: _____

Is this firm a: (check all that apply)

- ☐ Prime Contractor?
- ☐ Subcontractor?
- ☐ Service Provider?
- ☐ Material Supplier?
- ☐ Manufacturer?
- ☐ Certified Disadvantage Business Enterprise (DBE)?
- ☐ Self-Certified Small Business Enterprise (SBE)? (Complete page 2 of this form)

NAICS code applicable to each scope of work the firm sought to perform on its bid: (www.census.gov/NAICS)

Firm's gross annual receipts:

- ☐ < \$1 million
- ☐ \$1-3 million
- ☐ \$3-6 million
- ☐ \$6-10 million
- ☐ > \$10 million

Type of contracts/proposals bid by the firm: (check all that apply)

- ☐ Highways
- ☐ Airports
- ☐ Mass Transit
- ☐ Alaska Marine Highway System

Signature of Company Representative

Title

Date

Send this completed form to:
dot.cro.forms@alaska.gov

OR

You may fax your completed form to:
(907) 269-0847

If you have any questions, please call **(907) 269-0851**.

SMALL BUSINESS ENTERPRISE PROGRAM (SBE) SELF-REGISTRATION

Fostering Small Business Participation (49 CFR 26.39):

To meet the requirements of 49 CFR 26.39, DOT&PF has implemented a Small Business Enterprise Program. This component is only applicable to federally funded projects.

[Complete the Section below only if you are a Self-Certified SBE Firm] All businesses wishing to be eligible as a SBE are required to submit a SBE Self-Registration form. The SBE Self-Registration form must be submitted on an annual basis beginning January 1 and is valid thru December 31.

In order to verify your firm's compliance with business size standards under 49 CFR 26.65(a)&(b) and 26.68(b), **at the time of award** you will be required to submit the following documents:

- SBE Affidavit of Certification Eligibility
- Personal Net Worth Statement (available at <https://www.Transportation.gov/DBEFORMS>)
- Past five years of your corporations and/or individual tax returns
- If not a certified DBE, please provide documentation that you are self-certified as a small business (please contact Alaska APEX Accelerator at (907) 786-7258 if you require assistance on becoming a self- certified small business)

At time of award, send required documentation to:

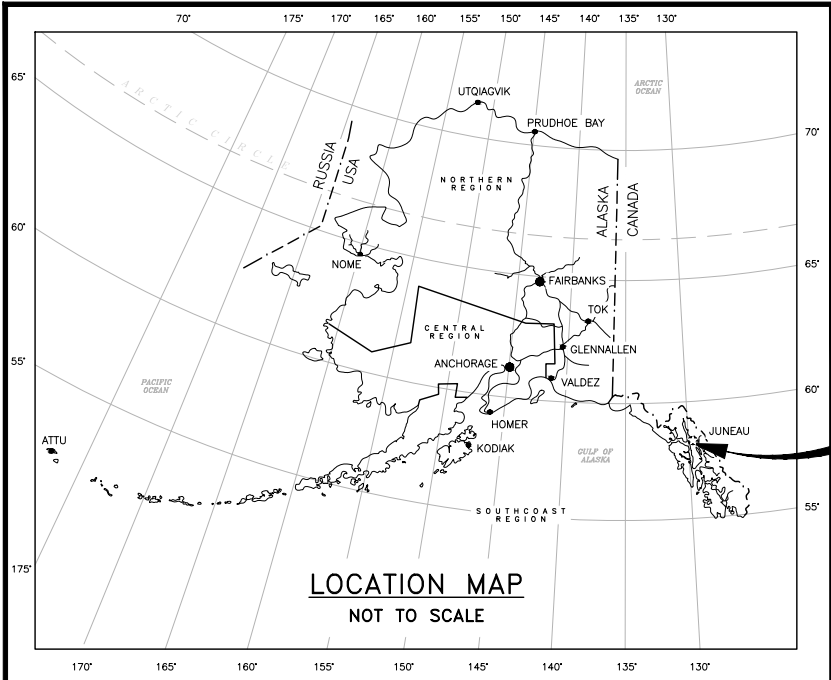
**DOT&PF Civil Rights Office
Attn: Certification
PO Box 196900
Anchorage, Alaska 99519-6900
Phone: (907) 269-0851
Fax: (907) 269-0847**

A. SBE Directory Information

1. Can you verify at time of award that your firm's (including affiliates) last five (5) year average annual gross receipts does not exceed the Small Business Administration (SBA) small business size standards found in [13 CFR part 121](#)? To find if your firm qualifies as small, use the SBA's [Size Standards Tool](#), or by referencing the SBA's [table of small business size standards](#). ☐Yes ☐No
**If you marked "No" you do not qualify for the SBE Program*
2. Can you verify at time of award that your firm's (including affiliates) last three (3) year average annual gross receipts does not exceed the business size standards per [49 CFR 26.65\(b\)](#)? <https://www.transportation.gov/DBEsizestandards> ☐Yes ☐No
**If you marked "No" you do not qualify for the SBE Program*
3. Can you verify at time of award that each individual owner of your firm does not exceed the personal net worth cap posted online at <https://www.transportation.gov/DBEPNW> as defined by 49 CFR Parts [23](#) and [26](#)? ☐Yes ☐No
**If you marked "No" you do not qualify for the SBE Program*
4. Contact Info.

_____ Name of Firm	_____ Contact Name
_____ Telephone Number	_____ Fax Number
_____ Email Address	_____ Company Website

HWYS TITLE SHEET
C:\Users\esoter\OneDrive - State of Alaska\Personal Home Drive Data\Evan's Stuff\Working\Waydelich Ck Guardrail\SPC25273002-Title Tue, Aug/11/26 11:09pm



PROJECT
LOCATION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
PROPOSED HIGHWAY PROJECT
SPC25273002
WAYDELICH CREEK GUARDRAIL REPAIR

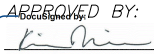
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SPC25273002	2026	A1	2
			CDS ROUTE:	296000	MILEPOINT:	12.13 TO 12.18	

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
A1	TITLE SHEET
F1	PLAN VIEW

THE FOLLOWING STANDARD PLANS APPLY TO THIS PROJECT:
G-00.05
G-05.11S
G-10.21
G-11.01

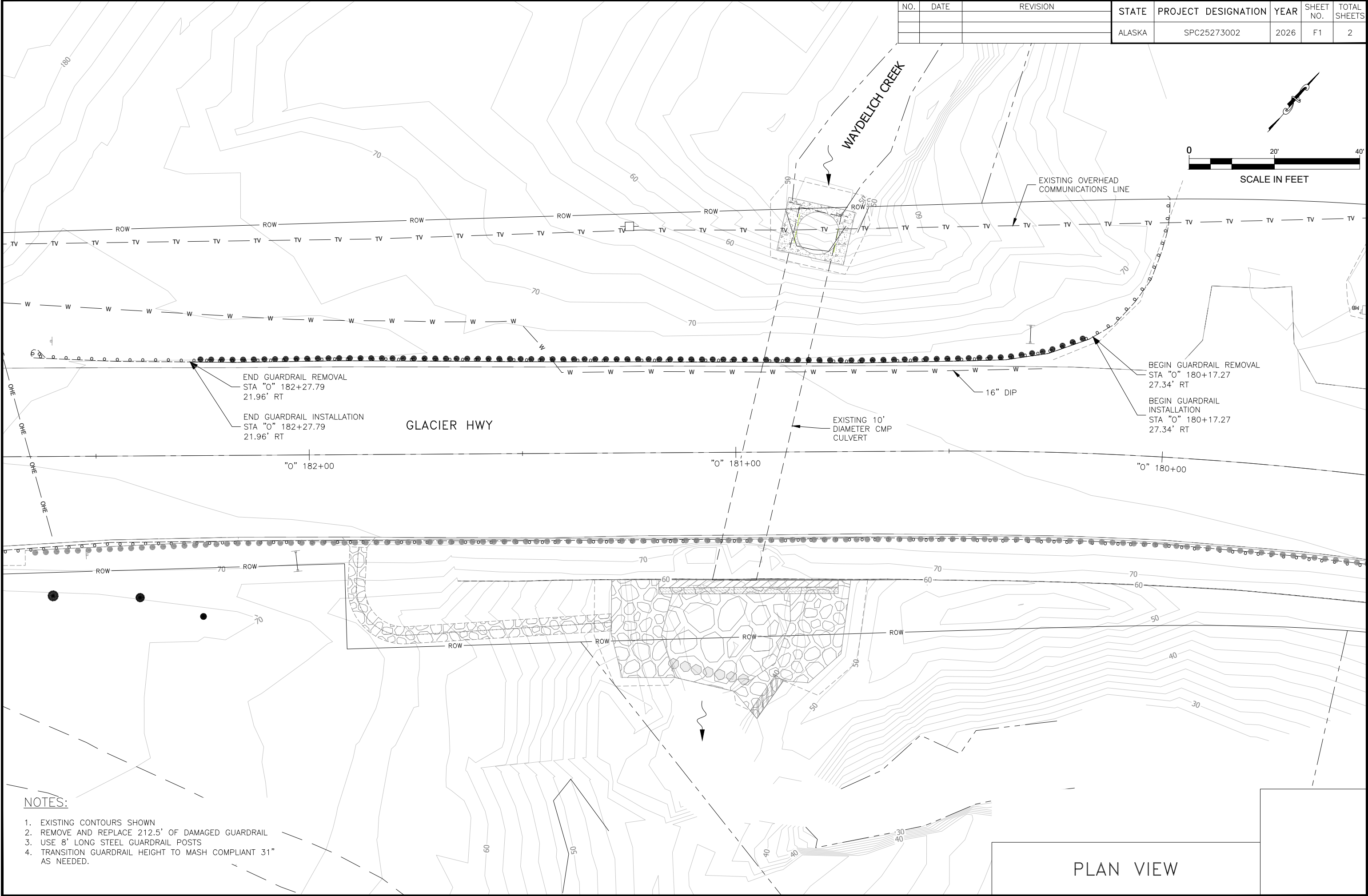
PROJECT SUMMARY	
WIDTH OF PAVEMENT	40'
LENGTH OF GRADING	N/A
LENGTH OF PAVING	N/A
LENGTH OF PROJECT	260'

N. PURVES, P.E., PROJECT MANAGER
E. OIEN, DESIGNER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
APPROVED BY:  DATE: 8/21/2026
Kirk Miller, P.E.
Preconstruction Engineer, Southcoast Region
ACCEPTED FOR CONSTRUCTION:  DATE: 8/21/2026
Vicky Roberts
Acting Regional Director, Southcoast Region

PLANS DEVELOPED BY: STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES, SOUTHCOST REGION, 6860 GLACIER HWY, JUNEAU, AK 99801 (907)465-1763
C:\Users\esoter\OneDrive - State of Alaska\Personal Home Drive Data\Evan's Stuff\Working\Waydelich Ck Guardrail\Waydelich Crk GR Repair-F1 Tue, Aug/11/26 11:09am

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	SPC25273002	2026	F1	2



NOTES:

1. EXISTING CONTOURS SHOWN
2. REMOVE AND REPLACE 212.5' OF DAMAGED GUARDRAIL
3. USE 8' LONG STEEL GUARDRAIL POSTS
4. TRANSITION GUARDRAIL HEIGHT TO MASH COMPLIANT 31" AS NEEDED.

PLAN VIEW

State of Alaska, Standard Specifications for Highway Construction, February 2020 Edition and Modified as Follows:

**STANDARD MODIFICATIONS
AND SPECIAL PROVISIONS
FOR**



**Waydelich Creek Guardrail Emergency Repair
SPC25273002**

INDEX

<u>Section</u>	<u>Title</u>
101	Definitions and Terms
102	Bidding Requirements and Conditions
103	Award and Execution of Contract
104	Scope of Work
105	Control of Work
106	Control of Material
107	Legal Relations and Responsibility to Public
108	Prosecution and Progress
109	Measurement and Payment
120	Disadvantaged Business Enterprise Program
606	Guardrail
640	Mobilization and Demobilization
643	Traffic Maintenance
710	Fence and Guardrail

SECTION 101

DEFINITIONS AND TERMS

STANDARD MODIFICATIONS

101-1.02. ACRONYMS. Add the following:

CSUM Contingent Sum

CY Cubic Yard

LS Lump Sum

SF Square Foot

SY Square Yard

SRM-1 02/26/2020

SECTION 102

BIDDING REQUIREMENTS AND CONDITIONS

STANDARD MODIFICATIONS

102-1.05 PREPARATION OF BID. In the third paragraph, replace the fourth sentence with the following:
If the bidder is a joint venture, the bid must be signed by an officer or agent with authority to bind the joint venture.

HSM20-42

4/30/2022

SECTION 103

AWARD AND EXECUTION OF CONTRACT

STANDARD MODIFICATION

103-1.01 CONSIDERATION OF BIDS.

WHOLLY STATE-FUNDED PROJECTS. *After item 3. add the following:*

4. Alaska Military Skills Preference: A bidder claiming this preference shall provide an Alaskan Military Skills Preference Certification, Form 25D-21, certifying they qualify as an Alaska bidder eligible for Alaska Military Skills Preference according to AS 36.30.321.

If a bidder qualifies as an Alaska bidder and is a qualifying entity, an Alaska Military Skills Preference of 2 percent shall be applied to the bid price. The preference may not exceed \$5,000 (AS 36.30.321(I)). A "qualifying entity" means a:

- a. employs at least one person who is currently enrolled in, or within the previous two years graduated from, a United States Department of Defense SkillBridge or United States Army Career Skills Program for service members or spouses of service members that offers civilian work experience through specific industry training, pre-apprenticeships, registered apprenticeships, or internships during the last 180 days before a service member separates or retires from the service; or
- b. has an active partnership with an entity that employs an apprentice through a program described in (a) of this subsection.

A preference under this section is in addition to any other preference for which the bidder qualifies.

To qualify for this preference, the bidder must add value by the bidder itself actually performing, controlling, managing and supervising a significant part of the services provided or the bidder must have sold supplies of the general nature solicited to other state agencies, governments, or the general public.

HSM20-51 03/03/2025

SECTION 104

SCOPE OF WORK

STANDARD MODIFICATIONS

104-1.01 INTENT OF CONTRACT.

Replace the second paragraph of this subsection with the following:

The Contractor is responsible for the means, methods, techniques, sequence, and procedures of construction, safety, and quality control. This includes ensuring safety and overseeing the safety of all personnel and Subcontractors. In the event of a multi-employer site, the Contractor is the controlling employer responsible for coordinating site-wide safety efforts, ensuring compliance with applicable safety regulations, and mitigating potential hazards across all employees, Subcontractors or suppliers on the site, consistent with any applicable federal, state, and local laws, rules, regulations, and ordinances.

HSM20-53 06/10/2025

STANDARD MODIFICATIONS

104-1.06 VALUE ENGINEERING CHANGE PROPOSALS BY CONTRACTOR. Replace item 3.e of this subsection with the following:

The Contractor may submit VECPs for an approved subcontractor. If the Contractor elects to submit a VECP for an approved subcontractor and it is subsequently accepted by the Department, the Department will reimburse the Contractor per 104-1.06.5.

HSM20-2 11/30/2020

**SECTION 105
CONTROL OF WORK**

STANDARD MODIFICATION

105-1.05 COOPERATION BY CONTRACTOR.

Replace the second paragraph of this subsection with the following:

Either the Contractor's Superintendent or an acting Superintendent with authority to represent and act for the Contractor shall be available on-site, or within a reasonable distance to ensure timely response and oversight of the project whenever work is occurring. The Contractor shall employ, as its agent, a competent superintendent thoroughly experienced in the work being performed and capable of reading and thoroughly understanding the Plans and Specifications.

The Contractor shall be responsible for maintaining a safe work environment, ensuring compliance with all applicable safety regulations, and overseeing the safety of all work being performed. The Superintendent shall have the Contractor's authority to stop work and implement immediate corrective action if safety concerns arise, or if the work is not being performed in accordance with the Contract documents.

The Contractor shall provide 24-hour contact information for the Superintendent. The Contractor shall ensure that the superintendent is available at all times to receive and execute Directives and other instructions from the Engineer, to supervise personnel and to coordinate the work of subcontractors. The Contractor shall give the superintendent full authority to supply the resources required. The Contractor shall furnish superintendence regardless of the amount of work sublet.

HSM20-52 06/10/2025

SECTION 106

CONTROL OF MATERIAL

STANDARD MODIFICATIONS

106-1.01 SOURCE OF SUPPLY AND QUALITY REQUIREMENTS.

Add the following:

PROHIBITION ON CERTAIN TELECOMMUNICATION AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT. On projects using federal funds, the Contractor shall comply with the requirements of 2 CFR 200.216, Prohibition on certain telecommunication and video surveillance services or equipment, including any future amends thereto that are applicable to the project.

By submitting a bid or by execution of the contract, the Contractor certifies that it has not entered into a contract nor extended or renewed a contract to procure or obtain equipment, services, or systems that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system produced by:

- Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities).
- Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities).
- Any entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

The Contractor further certifies that it has complied with the requirements of 2 CFR 200.216 and that it will continue to do so throughout the term of the Contract.

HSM20-20 12/31/2021

SPECIAL PROVISION

10/30/25

SECTION 106

CONTROL OF MATERIALS

106-1.01 SOURCE OF SUPPLY AND QUALITY REQUIREMENTS. Replace the fourth paragraph of 106-1.01, with the following:

The contractor shall submit a certificate of compliance according to Subsection 106-1.05 for each item listed on the Material Certification List. The Engineer may authorize the use of articles, materials, or supplies based on a certificate of compliance Form 25D-62 Certificate of Domestic Materials Compliance. Materials incorporated into the project on the basis of a certificate of compliance may be tested or verified at any time, whether in place or not, and, if they do not conform to Contract specifications, they may be rejected and ordered removed under the Subsection 105-1.11.

Replace the BUY AMERICA PROVISION with the following:

DOMESTIC MATERIALS PREFERENCE PROVISION. On projects using federal-aid funds the Contractor shall ensure all Iron and Steel Products, Manufactured Products, and Construction Materials, incorporated into the project are produced in the United States as required by 23 CFR 635.410-Buy America requirements (Iron, Steel, and Manufactured Products), and 2 CFR 184-Buy America Preferences for Infrastructure Projects (Construction Materials).

Domestic material requirements apply when articles, materials, or supplies are permanently incorporated into the work. Domestic material requirements do not apply to articles, materials, or supplies: (i) brought temporarily to the construction site and removed at or before the completion of the project, e.g., tools, construction equipment, Jersey barriers; or (ii) used by the Contractor to facilitate construction that are left in place upon completion of the work and are not required to be permanently installed as part of the contract requirements.

An article, material, or supply shall only be classified as an iron or steel product, a manufactured product, a construction material, or other material. An article, material, or supply shall not be considered to fall into multiple categories.† The classification of an article, material, or supply as falling into one of the categories listed must be made based on its status at the time it is brought to the work site for incorporation into the project. The work site is the location of the project at which the article, material, or supply will be incorporated.

† As addressed in paragraph 3) below, 23 CFR 635.410(c)(2) creates an exception to the single category requirement regarding precast concrete products (Precast Concrete) and intelligent transportation systems (ITS) and other electronic hardware systems cabinets and other enclosures.

DOMESTIC MATERIAL CATEGORIES:

- 1) IRON AND STEEL PRODUCTS (23 CFR 635.410).** Defined as articles, materials, or supplies that consist wholly or predominantly of iron and steel or a combination of both. To be classified as domestic, all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.

If the cost of iron and steel content of an article, material, or supply exceeds 50 percent of the total cost of all components, the iron and steel must meet the domestic materials requirements of the Iron and Steel Products of this provision. The remaining components are then exempt from any domestic procurement requirement.

The cost of iron or steel is the cost of the iron and steel mill products (such as bar, billet, slab, wire, plate, or sheet), castings, or forgings utilized in the manufacture of the product, or a good faith estimate of the cost of iron or steel components. Buy America requirements do not apply to iron ore, pig iron, and processed, pelletized and reduced iron ore.

Iron and Steel Minimal Use:

All wholly or predominantly iron and steel, or a combination of both, products incorporated into the work, shall be manufactured in the United States. Minimal amounts of iron and steel products of foreign or unknown manufacture may be used, provided the aggregate cost of such does not exceed one tenth of one percent (0.001) of the total contract amount (established at award), or \$2,500, whichever is greater. For the purposes of this paragraph, the cost is the value of the products as they are delivered to the project, including shipping.

- 2) CONSTRUCTION MATERIALS (2 CFR 184).** Defined as the articles, materials, or supplies that consist of only one of the items listed. Each material has a specific standard to be considered in compliance with domestic materials requirements. The items are:
 - a. Non-ferrous metals. All manufacturing processes, from initial smelting or melting through final shaping, coating, and assembly, occurred in the United States.
 - b. Plastic and Polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiberoptic cables). All manufacturing processes, from initial combination of constituent plastic or polymer-based inputs, or, where applicable, constituent composite materials, until the item is in its final form, occurred in the United States.
 - c. Glass (including optic glass). All manufacturing processes, from initial batching and melting of raw materials through annealing, cooling, and cutting, occurred in the United States.
 - d. Fiber Optic Cable (including drop cable). All manufacturing processes, from the initial ribboning (if

applicable), through buffering, fiber stranding and jacketing, occurred in the United States. All manufacturing processes also include the standards for glass and optical fiber, but not for non-ferrous metals, plastic and polymer-based products, or any others.

- e. Optical Fiber. All manufacturing processes, from the initial preform fabrication stage through the completion of the draw, occurred in the United States.
- f. Lumber. All manufacturing processes, from initial debarking through treatment and planning, occurred in the United States.
- g. Drywall. All manufacturing processes, from initial blending of mined or synthetic gypsum plaster and additives through cutting and drying of sandwiched panels, occurred in the United States.
- h. Engineered Wood. All manufacturing processes from the initial combination of constituent materials until the wood product is in its final form, occurred in the United States.

If a Construction Material contains, as minor additions, other Construction Materials, it remains classified as a Construction Material for the purposes of this section. Minor additions of articles, materials, supplies, or binding agents to a Construction Material do not change the categorization of the construction material.

- 3) MANUFACTURED PRODUCTS (23 CFR 635.410).** Defined as articles, materials, or supplies, that have been processed into a specific form and shape or combined with other articles, materials, or supplies to create a product with different properties than the individual articles, materials, or supplies. Manufactured products are acceptable under this provision if the product was manufactured in the United States. For the purposes of this provision, “manufactured in the United States” means that the final assembly of the product occurred in the United States.

For Precast Concrete and ITS and other electronic hardware systems cabinets and other enclosures that are classified as manufactured products, the components that are predominantly steel or iron or a combination of both must comply with the domestic materials requirements of the Iron and Steel Products in paragraph 1) above.

Declare all manufactured products on Form 25D-62 regardless of their exemption.

- 4) OTHER MATERIALS.** Defined as articles, materials, or supplies that do not meet the definition of Iron and Steel Products, Manufactured Products, or Construction Materials. These materials do not have any requirements for domestic sourcing. This includes the following items that are specifically categorized as other (excluded) materials per BABA Section 70917(c) of the Infrastructure Investment and Jobs Act of 2021.

- 1. Cement and cementitious materials;
- 2. Aggregates such as stone, sand, or gravel; or
- 3. Aggregate binding agents or additives

The Contractor shall submit a completed Non-Compliant Minimal Use & De Minimis Register, Form 25D-60, prior to award of the contract. When the Contractor becomes aware of a change from or error in a previously submitted Form 25D-60, the Contractor shall submit an updated Form 25D-60 prior to incorporating the non-compliant item on the subject federal-aid Project, (as defined by the NEPA decision).

The Contractor shall submit a completed Certificate of Domestic Materials Compliance Form 25D-62 for all materials incorporated into the project. The Department will not allow installation of, nor pay for, products that must comply with Domestic Materials requirements until the Contractor has submitted acceptable Forms 25D-60 and 25D-62.

Non-compliant Iron and Steel Products, Manufactured Products, and Construction Materials in excess of the minimal use and/or the de minimis amounts are prohibited and shall be immediately replaced at no expense to the State. Failure to comply may also subject the Contractor to default, suspension, or debarment.

The entity certifying Form 25D-62 may be the manufacturer, fabricator, vendor, or supplier; provided they have sufficient control and knowledge of the manufacturing process to accept responsibility and certify full and complete conformance with 23 CFR 635.410, 2 CFR 200.322. and 2 CFR 184. The Prime Contractor shall also certify Form 25D-62. Provide additional certifications and backup documentation to signed Form 25D-62 when required by the Engineer. False statements may result in criminal penalties prescribed under AS 36.30.687 and Title 18 US Code Section 1001 and 1020.

The United States, Mexico, Canada Agreement (USMCA) does not apply to the Domestic Materials requirements.

De Minimis Waiver:

Notwithstanding the domestic materials requirements outlined in this section regarding Manufactured Products and Construction Materials, US DOT has adopted a limited, non-domestic content waiver regarding articles, materials, and supplies used in the project. As applicable here, US DOT has determined that it is in the public interest to waive domestic materials requirement for Manufactured Products and Construction Materials for which:

The total value of the non-compliant products is no more than the lesser of \$1,000,000 or 5% of total applicable costs for the project. In applying the waiver;

1. "Total value of the non-compliant products" does not include the value of those products subject to a separate Buy America waiver.
2. "Total applicable project costs" (as defined by the NEPA finding, determination, or decision and referenced in Form 25D-60) include the cost of materials used in the project that are subject to a domestic preference requirement, including materials that are within the scope of an existing waiver.

$$\frac{(\text{"Total value of non – compliant products" (Construction Materials + Manufactured Products)})}{(\text{"Total applicable project costs" (Iron + Steel + Manufactured Products + Construction Materials)})} \times 100$$

106-1.05 CERTIFICATES OF COMPLIANCE. Replace the first four paragraphs of 106-1.05 with the following:

A certificate of compliance must meet one of the following:

1. If by manufacturer's certification, the certificate must include the project name and federal project number, the quantity represented, the signature of the manufacturer, and must include information that clearly demonstrates the material or assembly complies with all Contract requirements including for domestic materials preference.
2. If by Contractor's summary sheet, the summary sheet must include the project name and federal project number, the quantity represented, the signature of the contractor, and must include attached documentation that clearly demonstrates the material or assembly fully complies with all Contract requirements including for domestic materials preference.

HSP20-7B 10/30/25

STANDARD MODIFICATIONS

106-1.03. TESTING AND ACCEPTANCE. Add the following:

When ATM 207 is specified, Method D will be performed unless otherwise stated.

SRM-2 02/26/2020

SECTION 107

LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC

STANDARD MODIFICATION

107-1.06 SANITARY, HEALTH, AND SAFETY PROVISIONS.

Replace the fourth paragraph in this subsection with the following:

The Contractor is responsible for ensuring all workers are adequately protected. The Contractor shall have a safety and health management program that complies with AKOSH requirements, and includes:

1. A Site Specific Safety Plan(s) (SSSP) prior to the commencement of work. This plan must outline the safety measures and procedures to be followed on-site, ensuring compliance with all applicable federal, state, and local safety regulations.
2. The SSSP shall be accessible to all contractor personnel and subcontractors, and provided to the Department upon request.
3. A hazard analysis prior to the commencement of work. It must specifically focus on the job functions and the hazards associated with performing them. The Contractor is responsible for ensuring that all necessary personnel are informed of and follow the hazard analysis guidelines.
4. New employee training and periodic worker training regarding safety and health.
5. Regular safety meetings with written documentation of attendance, safety topics discussed, worker safety complaints, and corrective actions taken; and
5. The Contractor shall implement a comprehensive Safety Program to oversee site safety, including the development and maintenance of the SSSP, hazard analysis, employee training, and safety meetings. The program must ensure compliance with safety regulations and promote a proactive safety culture. For specific tasks, refer to Subsection 108-1.03.

HSM20-49 06/10/2025

STANDARD MODIFICATIONS

107-1.11 PROTECTION AND RESTORATION OF PROPERTY AND LANDSCAPE. *Add the following:*

9. Archaeological or Historical Discoveries. The Contractor shall:
 - a. Be responsible for compliance with 107-1.07
 - b. Be responsible for all costs to cure or required mitigation where not in compliance with 107-1.07 or applicable permits.

SRM-40 05/01/2026

SECTION 108

PROSECUTION AND PROGRESS

STANDARD MODIFICATIONS

108-1.01 SUBCONTRACTING OF CONTRACT. In item 1.g replace AS 45.45.101(a) with AS 45.45.010(a).

In item 2.f replace AS 45.45.101(a) with AS 45.45.010(a).

HSM20-41

01/01/2022

108-1.03 PROSECUTION AND PROGRESS. Add the following new paragraph after the paragraph beginning “The Engineer’s review or approval...”:

The Contractor’s Superintendent, SWPPP Manager, Worksite Traffic Supervisor, and Subcontractors scheduled to perform work shall attend a weekly meeting chaired by the Engineer to report project progress and action items.

SRM-3 02/26/2020 (revised 04/26/2026)

SPECIAL PROVISIONS

108-1.03 PROSECUTION AND PROGRESS. Replace item 5. with the following:

5. A Storm Water Pollution Prevention Plan (when required), a Hazardous Material Control Plan, and a Spill Prevention Control and Countermeasure Plan (when required), with the line of authority and designated field representatives

HSP20-6

4/13/2022

STANDARD MODIFICATION

108-1.03 PROSECUTION AND PROGRESS.

Replace item 9. With the following: The Contractor shall provide a letter designating a Safety Officer, and designating that person’s responsibilities and authority. The Safety Officer is responsible for the Safety Program. The Safety Officer must be familiar with the project plans, specifications, and proposed operations and have the necessary experience and training to assess and address safety elements associated with the project.

Add the following:

10. The Contractor shall implement a comprehensive Safety Program for the Project to ensure all safety measures are met throughout the duration of the project and that the program complies with all applicable federal, state, and local safety regulations.

Requirements. The Safety Program shall include the development, implementation, and ongoing maintenance of the Site-Specific Safety Plan (SSSP), along with the preparation and regular updating of hazard analyses to identify and mitigate risks associated with specific construction activities. It shall ensure that the site complies with project-specific safety requirements, OSHA/AKOSH regulations, and oversees the appropriate use of personal protective equipment (PPE) on-site.

The program will involve routine safety inspections to identify hazards, site-specific safety orientations, and ensure all personnel and Subcontractors receive the necessary training in accordance with AKOSH/OSHA standards. It will also establish procedures for investigating incidents, injuries, and near misses, with corrective actions implemented as needed. Detailed records, such as safety meeting minutes, training logs, incident reports, safety audits, and inspections shall be maintained. Safety reports shall be submitted to the project manager, engineers, or clients as requested.

The Safety Program shall have clear procedures for halting work and implementing immediate corrective actions if safety concerns arise, or if the work is not being conducted in compliance with the Contract documents, safety standards, or applicable federal, state, and local laws.

HSM20-50

06/10/2025

STANDARD MODIFICATION

SECTION 108 PROSECUTION AND PROGRESS

108-1.07 FAILURE TO COMPLETE ON TIME. Replace Table 108-1 with the following:

**TABLE 108-1
DAILY CHARGE FOR LIQUIDATED DAMAGES
FOR EACH CALENDAR DAY OF DELAY**

Original Contract Amount		Daily Charge
From More Than	To and Including	
\$ 0	1,000,000	\$1,500
1,000,000	5,000,000	2,900
5,000,000	25,000,000	5,500
25,000,000	-----	6,900

HSM20-43A

07/01/2024

SECTION 109

MEASUREMENT AND PAYMENT

SPECIAL PROVISIONS

109-1.05 COMPENSATION FOR EXTRA WORK ON TIME AND MATERIALS BASIS. 3.a. Hourly Rental Rate Replace the first sentence with the following: Based on rental rates in the current edition of the Cost Recovery: Location: Alaska – South-Juneau volume of the *Rental Rate Blue Book*, by EquipmentWatch, Penton, Inc..

SRS-27 12/2/2021

STANDARD MODIFICATIONS

109-1.08 FINAL PAYMENT. Replace the first sentence of the second paragraph with the following: If the Contractor certifies the final estimate, or does not file a claim within 90 days of receiving the final estimate, the estimate shall be processed for final payment.

Replace the third paragraph with the following: When the Contractor executes the Certification of Final Estimate (Form 25D-116) and executes the Contractor's Release (Form 25D-117), final payment will be processed.

SRM-4 02/26/2020

STANDARD MODIFICATION

109-1.08 FINAL PAYMENT. Add the following after the fifth paragraph of this subsection:

On federally funded projects, if DOLWD Wage and Hour Administration notifies the Department of a pending prevailing wage investigation, and that the investigation is preventing the closing out of the project, the Contractor may place the notified amount in escrow under Wage and Hour for the exclusive purpose of satisfying unpaid prevailing wages. Upon receipt of notice from Wage and Hour that the contractor has satisfactorily transferred the necessary funds into escrow, the Department will proceed to issue final payment.

HSM20-3 11/30/2020

SECTION 120

DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

STANDARD MODIFICATIONS

120-1.01 DESCRIPTION. In the first sentence of the second paragraph, replace “8.83” percent with “9.39” percent.

120-3.01 DETERMINATION OF COMPLIANCE. Replace the statement in 2.a. Written DBE Commitment with the following:

Complete Form 25A-326 for each DBE to be used on the project.

HSM20-21A 04/15/2024

SECTION 606

GUARDRAIL

STANDARD MODIFICATIONS

606-2.01 MATERIALS. Replace the listed materials with the following:

Use materials that conform to the following:

Concrete	Section 550, Class B
Flexible Delineator Posts	Subsection 730-2.05
Guardrail Connection Plate	Subsection 710-2.12
Thrie-Beam Terminal Connector	Subsection 710-2.12
Guardrail Hardware	Subsection 710-2.07
Guardrail Posts and Blockouts	Subsection 710-2.06
High Strength Bolts	Subsection 716-2.03
Metal Beam Rail	Subsection 710-2.04
Terminals	Subsection 710-2.11
Wire Cable	Subsection 709-2.02

HSM20-26 **12/31/2021**

STANDARD MODIFICATIONS

606-3.09 INSTALL NEW GUARDRAIL. Replace the subsection with the following:

Install guardrail as shown on the Plans.

HSM20-27 **12/31/2021**

STANDARD MODIFICATIONS

606-4.01 METHOD OF MEASUREMENT. Replace item 3 with the following:

3. Transition Rail. Per each accepted connection.

HSM20-28 **12/31/2021**

STANDARD MODIFICATIONS

606-5.01 BASIS OF PAYMENT. Add the following: Downstream End Anchors will be paid for as W-Beam Guardrail. Payment for 606.0005.____, 606.0006.____, and 606.0017.____ includes traffic control devices required to delineate areas of removed guardrail.

SRM-16 **02/26/2020**

SECTION 640

MOBILIZATION AND DEMOBILIZATION

STANDARD MODIFICATIONS

Delete Section 640 and replace with the following:

640-1.01 DESCRIPTION. Perform work and operations necessary to:

1. move personnel, equipment, supplies, and incidentals to the project site;
2. establish offices, buildings, and other facilities, except as provided under Section 644;
3. install required bulletin boards;
4. perform other work and operations and pay costs incurred, before beginning construction;
5. complete similar demobilization activities;
6. furnish required submittals such as as-builts, certificates, payrolls, civil rights reports, and equipment warranties; and
7. comply with the Alaska Department of Labor and Workforce Development (DOLWD) requirements for Worker Meals and Lodging, or Per Diem; as described in the State Laborer's and Mechanic's Minimum Rates of Pay (Pamphlet 600). On Federal-aid projects, PL 109-59, 119 STAT. 1233, Sec. 1409 (c) also applies.

Ensure subcontractors comply with the Federal and State DOLWD requirements.

Ensure facilities meet the Alaska Administrative Code 8 AAC 61.1010 and 8 AAC 61.1040 Occupational Safety and Health Standards, 18 AAC 31 Alaska Food Code, and U. S. Code of Federal Regulations 29 CFR Section 1910.142 Temporary Labor Camps.

Do not consider the cost of Meals and Lodging, or Per Diem in setting wages for the worker or in meeting wage requirements under AS 23.10.065 or AS 36.05.

640-2.01 MATERIALS. None.

640-3.01 CONSTRUCTION REQUIREMENTS. Maintain a bulletin board with postings required by Alaska Statutes and on Federally Funded projects also post the Required Contract Provisions for Federal-Aid (FHWA) Construction Contracts Form 25D-55H (Form FHWA-1273), prominently and conspicuously placed on the project where the posting statements can be seen by each employee and prospective employees at all times. The Engineer may provide a current list of required postings when requested. Protect postings from the weather. Replace postings that become illegible.

640-4.01 METHOD OF MEASUREMENT. None.

640-5.01 BASIS OF PAYMENT.

1. Mobilization and Demobilization. Payment will be made according to Table 640-1, except no payments will be made if the bulletin board is not installed or maintained according to Subsection 640-3.01.
2. Worker Meals and Lodging, or Per Diem. Progress payments for Worker Meals and Lodging, or Per Diem will be computed as equivalent to the percentage, rounded to the nearest whole percent, of the original contract amount earned.

**TABLE 640-1
MOBILIZATION AND DEMOBILIZATION PAYMENT SCHEDULE**

Amount Paid	When Paid
10% of Pay Item 640.0001.0000.	With first estimate for other bid items
30% of Pay Item 640.0001.0000.	When 4% of the original Contract amount is earned from other bid items
40% of Pay Item 640.0001.0000.	When 8% of the original Contract amount is earned from other bid items
10% of Pay Item 640.0001.000.	With estimate following when all physical work and cleanup are complete as described in Subsection 105-1.15
Remaining amount of Pay Item 640.0001.0000	With Final Payment

Payment will be made under:

Pay Item	Pay Unit
640.0001.0000 Mobilization and Demobilization	Lump Sum
640.0004.0000 Worker Meals and Lodging, or Per Diem	Lump Sum

SRM-22 11/26/2025

SECTION 643

TRAFFIC MAINTENANCE

PROJECT MODIFICATION

Delete Section 643 in its entirety and replace with the following:

643-1.01 DESCRIPTION.

Protect and control traffic during the contract. Furnish, erect, maintain, replace, clean, move and remove the traffic control devices required to ensure the traveling public's safety. Perform all administrative responsibilities necessary to implement this work.

Maintain all roadways and non-motorized facilities affected by the work in a smooth and traversable condition. Construct and maintain temporary roadways, temporary non-motorized facilities, and other necessary features throughout the project for the life of the contract.

643-1.02 DEFINITIONS.

These definitions apply only to Section 643.

ATM. When used in this Section, ATM stands for the *Alaska Traffic Manual*, which is comprised of the MUTCD, the Alaska Traffic Manual Supplement, any adopted revisions or interim addenda to either document issued subsequently, and corrections to known errors to either document.

Fixed Objects. Any object that is not a crashworthy traffic control device within the Work Zone.

Night Work: Work occurring between sunset and sunrise on all days except the "No Lighting Required" period shown in table 643-1 below:

Table 643-1 Project Locations – Night Time Illumination Exclusion			
Latitude (degrees)	No Lighting Required		Nearby Cities
	Start	End	
South of 61	Lighting Required All Year		Everything South of Valdez
61	June 11	July 1	Valdez

Roadside Safety Hardware. Guardrail, barrier, bridge rail, guardrail terminals, crash cushions and similar devices that function to reduce crash severity.

Traffic. The movement of vehicles, pedestrians, and bicyclists through the project.

Traffic Control Plan (TCP). A plan describing measures for facilitating road users through a Work Zone.

Work Zone. An area of a roadway or non-motorized facility with construction, maintenance, or utility work activities. The Work Zone extends from the first traffic control device to the last traffic control device.

643-1.03 TRAFFIC CONTROL PLAN.

The TCP includes, all items required to direct traffic through or around the Work Zone for the work described on the TCP. Use the posted speed limit prior to construction for the design of TCPs.

When a TCP is omitted from the Plans, provide one according to this Section and the ATM.

Submit all TCPs to the Engineer for approval, including the TCPs provided on the Plans if you intend to use them. All TCPs must include the following information:

1. Project name and number.
2. A designated TCP number and name on each page (e.g. TCP #1, Permanent Construction Signs).
3. For TCPs more than one page, number each page (e.g. 1 of 3, 2 of 3, etc.).
4. The posted speed limit for each roadway.
5. Existing striping width, existing lane width, and existing road surfacing.
6. Construction lane widths, temporary pavement marking layout, and temporary road surfacing.
7. Minimum available Work Zone clear zone width.
8. Provisions for non-motorized travel through the Work Zone.
9. Dates and times the TCP will be in effect and description of work covered by the TCP. Pay Item numbers may be used to describe the work.
10. The Worksite Traffic Supervisor's signature certifying that all TCPs conform with the ATM and the Contract.
11. The Superintendent's signature confirming the TCP is compatible with the work.
12. The name and 24 hour telephone number of the Worksite Traffic Supervisor and Project Superintendent.
13. Signs to be used and the Alaska Sign Design Specifications (ASDS) designation number and size.
14. Placement of traffic control devices, including location, spacing size, mounting height, and type. Include a lateral buffer space of at least 2 feet and a longitudinal buffer space for the posted speed limit according to Table 6C-2 of the ATM, unless project conditions or geometric features prohibit including all or a portion of the buffer length.
15. A plan to address any possible slopes, drop offs, paving joints, or similar temporary features that may occur during use of the TCP.
16. For TCPs proposed to be used at night, include devices used for lighting night work.
17. Include materials documentation required under 643-2.01 and crashworthiness documentation required under 643-2.02 for all traffic control devices shown in the submitted TCP. If the traffic control device documentation was submitted on a previously approved TCP, make reference to the TCP where documentation can be found instead of submitting the documentation again.
18. For TCPs using positive protection, include a statement from a registered professional engineer that they have evaluated the application and use of the positive protection.

TCPs submitted for approval without all the required information will be rejected. Allow 14 days for review of each TCP submittal. All required modifications to a TCP require a new submission and an additional 14 days for review.

The TCPs, Plans, and Alaska Standard Plans show the minimum required number of traffic control devices. If unsafe conditions occur, the Engineer may require additional traffic control devices.

Comply with 105-1.12 and 643-3.12 when using oversize and overweight vehicles.

643-1.04 WORKSITE TRAFFIC SUPERVISOR.

Provide a Worksite Traffic Supervisor responsible for maintaining 24-hour traffic operations.

1. Qualifications. Provide a Worksite Traffic Supervisor knowledgeable and experienced regarding the requirements of the ATM and the implementation of those requirements. Provide a Worksite Traffic Supervisor familiar with the Plans, the Specifications, proposed operations, and certified as one of the following:
 - a. Traffic Control Supervisor, American Traffic Safety Services Association (ATSSA)
 - b. Traffic Control Supervisor, Laborers' International Union of North America (LIUNA)

- c. Work Zone Temporary Traffic Control Technician, International Municipal Signal Association (IMSA). After December 31, 2026 IMSA certification will not be acceptable and the Worksite Traffic Supervisor must have training under a. or b.

Certify according to Form 25D-124 that the Worksite Traffic Supervisor has a minimum 4000 hours of temporary traffic control work experience, is competent and capable, and has the authority to perform the duties and responsibilities in accordance with this section.

- d. Temporary traffic control work experience shall demonstrate an understanding of concepts, techniques, and practices in the installation and maintenance of traffic control devices, and skill in reading, interpreting, implementing, and modifying TCPs.
- e. Temporary traffic control work experience includes: flagging; installing traffic control devices in accordance with TCPs; monitoring traffic control devices and TCP performance; and recognizing and reporting deficiencies in traffic control devices and TCPs for correction.
- f. Temporary traffic control work experience is gained while serving as a Worksite Traffic Supervisor-in-training, temporary traffic control support personnel, and Flagger.
- g. Four thousand hours of experience serving solely as a Flagger does not satisfy these requirements.

Worksite Traffic Supervisors shall maintain current certification and be able to show their certification anytime they are on the project.

**TABLE 643-2
TRAFFIC CONTROL SUPERVISOR MINIMUM WORK EXPERIENCE**

Published ADT	Minimum Hours
Less than 1,000	6 months (1,000 hours)
1,000-9,999	2 years (4,000 hours)
10,000+	4 years (8,000hours)

2. Duties. Failure to perform these duties is cause for the Engineer to rescind approval of the Worksite Traffic Supervisor.
 - a. Prepare the TCPs and public notices and coordinate traffic control.
 - b. Physically inspect the condition and position of all traffic control devices used on the project at least once each day. Invite the Engineer to attend the inspection. Ensure traffic control devices work properly, are clean and visible, and conform to the approved TCP. Complete and sign a detailed written report of each inspection within 24 hours. Use Traffic Control Daily Review Form 25D-104.
 - c. Supervise the repair or replacement of damaged or missing traffic control devices.
 - d. Review and anticipate traffic control needs. Make available proper traffic control devices necessary for safe and efficient traffic movement.
 - e. Ensure traffic control is set up for each Work Zone according to an approved TCP that meets the description of the work occurring in the Work Zone. Ensure that Fixed Objects near the traveled way are properly delineated, protected, and offset from traffic in conformance with an approved TCP.
 - f. Hold traffic safety meetings with superintendents, foremen, subcontractors, and others as appropriate before beginning construction, prior to implementing a new TCP, and as directed. Invite the Engineer to these meetings.
 - g. Supervise all traffic control workers, flaggers, and pilot car drivers.

- h. Supervise lighting for night work.
- 3. Authority. The Worksite Traffic Supervisor shall have the Contractor's authority to stop work and implement immediate corrective action to unsafe traffic control, in locations where unsafe traffic control is present.

643-1.05 CONSTRUCTION PHASING PLAN.

Submit a Construction Phasing Plan for approval no less than 5 working days prior to the preconstruction conference. Include the following:

1. A drawing for each phase or segment of the project, showing the limits of the work and a general description of the work that will be performed. Show the areas open to traffic, including identification of non-motorized facilities, for each phase or segment of the project.
2. A description of how each phase or segment of the project will meet the limitations in 643-3.08.

Submit any changes to the Engineer for approval 14 days before proposed implementation.

643-1.06 TRAFFIC MAINTENANCE SETUP.

When shown on the bid schedule, traffic maintenance setup items are site specific and are detailed as individual TCPs on the Plans. They depict the method or scheme required to route traffic along one of the following:

1. Detour. A detour directs road users through or around a traffic control zone on existing streets.
2. Diversion. A diversion directs road users through or around a traffic control zone on a temporary roadway or alignment.

643-1.07 FLAGGERS.

Furnish trained and competent flaggers and all necessary equipment, including lighting of the flagging position during nighttime operations, to control traffic through the Work Zone.

Use flaggers with a current certification as one of the following:

1. Flagger Certification by ATSSA.
2. ATSSA Flagger Instructor.
3. A flagger certification from the Association of General Contractors (AGC).
4. A flagger certification by Washington, Oregon, Idaho, or Montana.

Flaggers shall maintain a current flagger certification. Provide a copy of flagger certifications to the Engineer.

643-2.01 MATERIALS.

Provide traffic control devices meeting the following requirements:

1. Signs. Use signs, including sign supports, that conform to Section 615, the ATM, and ASDS. A reflective sheeting warranty is not required.
 - a. Construction Signs: Regulatory, guide, or construction warning signs designated in the ASDS.

- b. Permanent Construction Signs: As designated on the Plans.
 - c. Special Construction Signs: All other signs are Special Construction Signs.
2. Portable Sign Supports. Use wind-resistant sign supports, ballasted in accordance with the manufacturer's written instructions. Use sign supports designed to mount the size and number of signs on the sign support at the height above the adjacent roadway surface required by the ATM.
 3. Barricades and Vertical Panels. Use barricades and vertical panel supports that conform to the ATM. On roadways, use Type III Barricades at least 8 feet long. Use retroreflective sheeting that meets ASTM D4956 Type II or higher.
 4. Portable Barriers. Use portable concrete or steel barriers that meet the crashworthiness requirements of 643-2.02. For each direction of traffic, equip each section of barrier with at least two side-mounted retroreflective tabs a continuous 4-inch wide horizontal retroreflective stripe mounted 6 inches below the top of the barrier, or side mounted retroreflectors. Place tabs 2 feet or less from each end, and space at not more than 10 feet apart. Use yellow tabs or stripe when barriers are placed at centerline. Use white tabs or stripe when barriers are placed on the roadway shoulder. Use retroreflective sheeting that meets ASTM D4956 Type III or higher.
 5. Warning Lights. Use Type A (low intensity flashing), Type B (high intensity flashing) or Type C (steady burn) warning lights that conform to the ATM.
 6. Drums. Use plastic drums that conform to the requirements of the ATM. Use retroreflective sheeting that meets ASTM D4956 Type II or higher.
 7. Traffic Cones and Tubular Markers. Use reflectorized traffic cones and tubular markers that conform to the requirements of the ATM. Use traffic cones and tubular markers at least 28 inches high. Use retroreflective sheeting that meets ASTM D4956 Type II or higher.
 8. Interim Pavement Markings. Apply markings according to Section 670 and the manufacturer's recommendations. In accordance with 643-3.09, use either:
 - a. Paint meeting Subsection 708-2.03 with glass beads meeting Subsection 712-2.08, or
 - b. Temporary Raised Pavement Markers meeting Subsection 712-2.15 or 712-2.16.
 9. High-Level Warning Devices. Use high-level warning devices that conform to the ATM.
 10. Temporary Crash Cushions. Application of crash cushion must be appropriate for the intended use and be installed per manufacturer's recommendation. Temporary crash cushions that are barrels or barrier filled with sand or water may only be used when the forecasted temperature during their use is above 32 degrees Fahrenheit. Mark approach ends of crash cushions with sheeting depicting the OM-3 pattern in accordance with the ATM. Use retroreflective sheeting that meets ASTM D4956 Type III or higher.
 11. Sequential Arrow Panels. Use Type A (24 X 48 inch), Type B (30 X 60 inch) or Type C (48 X 96 inch) panels that conform to the ATM.
 12. Portable Changeable Message Board Signs. Use truck or trailer mounted portable changeable message board signs with a self-contained power supply for the sign and with the following features:
 - a. Meet the requirements of the ATM.
 - b. Message sign panel large enough to display 3 lines of characters at least 9 inches high.

- c. Fully programmable message module.
- d. A waterproof, lockable cover for the controller keyboard.
- e. Variable flash and sequence rates.
- f. Radar over speed detection.

13. Temporary Sidewalk Surfacing. Provide temporary sidewalk surfacing meeting the following:

- a. Use plywood with an anti-slip surface. Use plywood at least 1/2 inch thick for areas continuously supported by subgrade. Use plywood at least 1 inch thick for areas that are not continuously supported, with supports at a maximum spacing of 30 inches.
- b. Do not exceed a vertical change greater than 1/2 inch, beveled with a slope not steeper than 2 horizontal to 1 vertical.
- c. At curb ramps, do not exceed a slope of 12:1 with the temporary surfacing. No vertical changes are permitted at curb ramps. Pre-manufactured American with Disabilities Act (ADA) compliant curb ramps may be used in lieu of surfaces constructed from plywood.
- d. Install cross slopes at 50:1 or flatter.
- e. Fasten so wind and traffic will not displace temporary surfacing.
- f. Other materials may be approved by the Engineer.

14. Temporary Guardrail. Use temporary guardrail that meets Section 606, except that salvaged materials without visible damage may be used.

15. Flagger Paddles. Use flagger paddles with 24 inches wide by 24 inches high W23-100 sign panels, meeting the requirements of the ATM. Use retroreflective sheeting that meets ASTM D4956 Type VIII or higher.

16. Truck Mounted Attenuator, TMA. Use a TMA mounted on a vehicle with a minimum weight of 15,000 pounds and a maximum weight per the manufacturer's recommendations. Use a TMA with an adjustable height such that it can be placed at the correct elevation during usage and to a safe height for transporting. Mark approach ends of TMAs with a chevron pattern on the rear of the unit. The pattern shall consist of 4-inch to 8-inch alternating nonreflective black and retroreflective yellow, slanted at 45 degrees in an inverted "V" with the "V" at the center of the unit.

17. Longitudinal Channelizing Device. Use ADA compliant longitudinal channelizing devices, meeting the crashworthiness standards in 643-2.02.

18. Portable Chain-Link Fence. Use portable, self-standing, 6 or 8 foot high temporary chain link fence. If used to channelize pedestrians use an ADA detectible edge treatment.

19. Portable Traffic Signal. As required in the Special Provisions.

20. Temporary Guardrail Terminals. Use temporary guardrail terminals that meet Section 606. Do not use salvaged materials.

643-2.02 CRASHWORTHINESS.

Temporary traffic control devices within the construction clear zone shall have either an FHWA eligibility letter or a Department Roadside Hardware Eligibility Program (RHEP) determination for the intended use. Temporary traffic control devices must have been successfully tested to Test Level 3 of the 2016 edition of Manual for Assessing Safety Hardware (MASH) except as follows:

1. Temporary Roadside Safety Hardware, and truck mounted attenuators that were manufactured on or before December 31, 2019, and were successfully tested to National Cooperative Highway Research Program Report 350 (NCHRP 350) or the 2009 edition of the Manual for Assessing Safety Hardware, may continue to be used throughout their normal service life.
2. Sequential arrow panels, portable changeable message board signs, and portable traffic signals do not require crash testing.
3. Portable Chain Link Fence does not require crash testing when delineated or shielded in accordance with 643-3.04 item 3. Fixed Objects.

In lieu of an FHWA eligibility letter or RHEP determination, cones, tubular markers, drums, and delineators may have an affidavit signed by the manufacturer certifying that the devices meet MASH requirements. Documentation supporting the certification for cones, tubular markers, and drums (crash tests or engineering analysis) must be kept on file by the certifying organization.

643-3.01 GENERAL CONSTRUCTION REQUIREMENTS.

Implement an approved TCP before beginning work within the project limits. Provide and maintain traffic control devices and services inside and outside the project limits, day and night, to guide traffic safely.

Unless otherwise provided in this Section, keep all roadways, business accesses, transit facilities, and non-motorized facilities within the project limits open to traffic. Obtain the Engineer's approval before temporarily closing residential, commercial, or street approaches. Provide access through the project for emergency vehicles and school and transit vehicles. Properly sign and flag all locations where the traveling public is redirected or stopped. Organize construction operations so the total of all construction related traffic delays experienced by a vehicle traveling through the project does not exceed the limits in 643-3.08.

Traffic may be detoured or diverted when shown on the Plans or an approved TCP. Maintain detour and diversion routes so that traffic can proceed safely. Remove those portions of diversions not incorporated into the final roadway section, and restore disturbed areas to their original condition.

If two-way traffic cannot be maintained on the existing roadway or detour, you may use half-width construction or a road closure if it is shown on an approved TCP. Indicate on the TCP closure duration and conditions. Schedule roadway closures to avoid delaying school buses and peak-hour traffic.

Stop equipment at all points of intersection with the traveling public.

Continue to operate all illumination and signalization according to the requirements of Subsection 660-3.09. When moving approach lanes, realign signal heads as necessary according to the ATM. Coordinate any modifications to existing traffic signals with the agency that maintains and operates them. Operate flood lighting at night according to the ATM. Adjust flood lighting so that it does not shine into oncoming traffic.

Provide and maintain safe routes for non-motorized traffic through or around Work Zones at all times, except where regulations prohibit non-motorized traffic.

Maintain business access during the hours the business is operating.

Immediately notify the Engineer as soon as an employee or a subcontractor becomes aware of any traffic related crash that occurs within the project limits, between construction warnings signs, along a detour route, or involving traffic in a queue back up from project work. Within 3 days fill out the information on Form 25D-123 Work Zone Crash Report and submit a copy to the Engineer.

643-3.02 ROADWAY CHARACTERISTICS DURING CONSTRUCTION.

If maintaining traffic on an unpaved surface, provide a smooth and even surface that public traffic can use at all times. Properly crown the roadbed surface for drainage. Before beginning other grading operations, place sufficient fill at culverts and bridges to permit traffic to cross smoothly and unimpeded. Use part-width construction techniques when routing traffic through roadway cuts or over embankments under construction. Alternate construction activities from one side to the other. Route traffic over the side opposite the one under construction.

643-3.03 PUBLIC NOTICE.

Give a copy of all notices to the Engineer 7 days prior to giving notice to the public. Receive the Engineer's approval of the public notice before releasing it to the public. The Engineer will post notices through the 511 system.

Give notice at least 3 days before major changes, delays, lane restrictions, or road closures. If nearby Post Offices and stores have bulletin boards open to the free use of the public, post notices on the boards. Give notice to local officials and transportation organizations, including but not necessarily limited to:

- Alaska Trucking Association
- Alaska State Troopers
- Division of Measurement Standards
- Local Police Department
- Local Fire Department
- Local Government Traffic Engineer
- School and Transit Authorities
- Local Emergency Medical Services
- Local Media (newspapers, radio, television)
- Railroads (where applicable)
- U.S. Postal Service
- Local garbage collection
- Major tour operators
- DOT&PF Regional Public Information Officer

Provide local traffic enforcement and maintenance agencies notice 3 days before and again 24 hours before shutting down a traffic signal system. Provide notice as required by utility companies before repairing or replacing a utility.

Provide the Engineer, Alaska State Troopers, local police and fire department with the radio frequencies used on the project and the 24-hour telephone numbers of the Worksite Traffic Supervisor and the Project Superintendent. Instruct them to use these numbers to alert you when emergency vehicles must pass through the project. When notified of emergencies make every necessary effort to expedite rapid passage.

643-3.04 TRAFFIC CONTROL DEVICES.

Before starting construction, erect permanent and temporary traffic control devices required by the approved TCPs. The Engineer will determine advisory speeds when necessary.

For lane closures on multilane roadways, use sequential arrow panels. During hours of darkness use flashing warning lights to mark obstructions or hazards and steady-burn lights for channelization.

Use only one type of traffic control device in a continuous line of delineating devices. Use drums or Type II barricades for lane drop tapers.

After completing a particular construction operation, remove all unnecessary traffic control devices. If sign panels are post mounted and cannot be readily removed, cover them entirely with either metal or plywood

sheeting. Completely cover signal heads with durable material that fully blocks the view of signal head and will not be damaged or removed by weather.

Clean traffic control devices at least monthly.

Replace traffic control devices in the "Unacceptable" category in the ATSSA (American Traffic Safety Services Association) "Quality Guidelines for Temporary Traffic Control Devices". Use only traffic control devices that meet the crashworthiness requirements per Section 643-2.02.

Immediately replace any devices provided under this Section that are lost, stolen, destroyed, inoperable or deemed unacceptable while used on the project. Stock repair parts for each temporary crash cushion and temporary barrier terminal used on the project. Repair damaged crash cushions and temporary barrier terminals within 24 hours.

Maintain pre-existing Roadside Safety Hardware at an equivalent or better level than existed prior to project implementation until the progress of construction necessitates removing the hardware. All existing hazards that are currently protected with Roadside Safety Hardware or new hazards which result from project improvements shall be protected or delineated as required in the plans, specifications, and approved TCPs until permanent Roadside Safety Hardware is installed. All temporary Roadside Safety Hardware shall meet crashworthiness requirements of 643-2.02. Posts for temporary guardrail may require placement under special conditions, such as in frozen ground.

All items paid under this Section remain the property of the Contractor, unless noted otherwise in the contract. Remove them after completing the project.

1. Embankments. Close open excavations within the construction clear zone at the end of each shift, unless shown on an approved TCP. Install traffic control devices as specified on Standard Plan C-06 to delineate open trenches, ditches, other excavations and hazardous areas when they exist along the roadway for more than one continuous work shift.
2. Adjacent Travel Lane Paving. When paving lifts are greater than 1 inch and you cannot finish paving adjacent travel lanes or paved shoulders to the same elevation before the end of the paving shift, install signs as required on the Plans and approved TCP.
3. Fixed objects next to the traveled way. Do not park equipment in medians. Locate fixed objects at least a distance equal to the Width of Construction Clear Zone for Fixed Objects on Standard Plan C-06 away from the edge of traveled way. Fixed objects that exist prior to construction activity are not subject to this requirement unless the proposed temporary traffic routing moves the edge of traveled way closer to the pre-existing fixed object. Vehicles and other objects within parking lots or parking lanes in urban environments are considered preexisting fixed objects regardless of whether they are or are not present continuously throughout the day.

When worksite restrictions, land features, right of way limitations, environmental restrictions, construction phasing, or other construction conditions allow no practicable location meeting the preceding requirements, the Engineer may approve alternate locations for fixed objects. Alternate locations shall be as far as practicable from the edge of traveled way. Obtain an approved TCP before locating fixed objects closer than the construction clear zone width from the traveled way. Delineate fixed objects at a distance less than the Width of Construction Clear Zone for Fixed Objects but more than the Width of Construction Clear Zone for Slopes on Standard Plan C-06. Shield fixed objects at a distance equal to or less than the Width of Construction Clear Zone for Slopes on Standard Plan C-06.

4. Flagging. Furnish trained and competent flaggers and all necessary equipment, including lighting of the flagging position during nighttime operations, to control traffic through the traffic control zone. The Engineer will approve each flagging operation before it begins and direct adjustments as conditions change.

Flaggers must be certified as one of the following:

- a. Flagger by ATSSA
- b. ATSSA Flagging Instructor
- c. Flagger by LIUNA
- d. Traffic Control Technician, LIUNA
- e. Work Zone Temporary Traffic Control Technician, IMSA

After December 31, 2026 IMSA certification will not be acceptable and flaggers must have training under a through d.

Flaggers shall maintain current flagger certification. Flaggers must be able to show their flagger certification anytime they are on the project.

Flaggers must maintain their assigned flagging location at all times, unless another qualified flagger relieves them, or the approved traffic control plan terminates the flagging requirements. Remove, fully cover, or lay down flagger signs when no flagger is present. Keep the flaggers' area free of encumbrances. Keep the flagger's vehicle well off the roadway and away from the flagging location so the flagger can be easily seen.

Provide approved equipment for two-way radio communications between flaggers when flaggers are not in plain, unobstructed view of each other.

Obtain the Engineer's written approval before flagging signalized intersections. When flagging a signalized intersection, either turn off and cover the traffic signal or place it in the All-Red Flash mode. Coordinate changing traffic signal modes and turning off or turning on traffic signals with the agency responsible for signal maintenance and operation and the Engineer. Get their written approval in advance. Only uniformed police officers are permitted to direct traffic in an intersection with an operating traffic signal.

4. Pilot Cars. When the Engineer determines one-way traffic is necessary and the route through the Work Zone is particularly hazardous, involved, or frequently altered to preclude adequate signing, you may use pilot cars. Do not use pilot cars to avoid localized traffic control at several locations. Pilot car operators may not control Automated Flagger Assistance Devices while operating a pilot car. Coordinate multiple pilot-car operations within a project or adjoining projects to minimize inconvenience to the traveling public. Two or more pilot cars may be used to provide two-way traffic through the Work Zone to reduce the waiting period. The flagger or pilot car operator must record each pilot car's departure time in a bound field book furnished by the Engineer. Whenever practical, the flagger should tell the motorist the reason for and approximate length of the delay. Make every reasonable effort to yield right-of-way to the public and prevent excessive delay.

Use an automobile or pickup as the pilot car, with the company logo prominently displayed. Equip the pilot car with a two-way radio for contact with flaggers and other pilot cars. Mount a G20-4 sign (Pilot Car Follow Me) on the rear at least 5 feet above the driving surface. Use high intensity flashing strobe lights, oscillating beacons, or rotating beacons on all Pilot Cars. Vehicle hazard warning lights may supplement but are not permitted to be used instead of high intensity flashing strobe lights, oscillating beacons, or rotating beacons.

When pilot car operations are approved, establish all required pilot car traffic control devices before beginning work. Continue pilot car operations until no longer necessary and an approved TCP is in place for operations without pilot car, including all required traffic control devices.

5. Street Sweeping and Power Brooming. Keep free of loose material paved portions of the roadway and haul routes open to the public, including sections of roadway outside of project limits where the Contractor's operations have deposited loose material. Sweep or power broom dirt, dust, and construction materials without the material mobilizing beyond the edge of the paved surface.

Maintain equipment to operate as designed by the manufacturer. Use equipment with light beacons or light bars as described in the requirements for traffic control vehicles. Use equipment as recommended by the manufacturer and the following:

- a. Regenerative Sweeper. A sweeper that blows a stream of air at the paved surface, causing fine particles to rise, and then caught through a vacuum system.
 - b. Vacuum Sweeper. Sweeper that creates a vacuum at the paved surface sucking dirt, dust, and debris into a collection system.
 - c. Mechanical Broom Sweeper. Sweeper designed to pick up and collect larger size road debris, stones, litter, etc. In addition to the requirements noted, use of a mechanical broom sweeper requires the Engineer to approve the sweeper for the intended use.
 - d. Power Broom. Power brooming that wets, pushes, or ejects loose material directly into an attached collection container may be used when approved by the Engineer. The added moisture must be contained to the paved roadway surface. Do not use dry power brooming. Do not use power brooming without direct means of collection.
6. Watering. Furnish, haul, and place water for dust control and pavement flushing, as directed. Use water trucks that can provide a high-pressure water stream to flush the pavement and a light-water spray to control dust. If the flushing operations contaminate or fill adjacent catch basins, clean and restore them to their original condition. This requirement includes sections of roadway off the project where flushing is required. The Engineer will control water application.

Obtain an Alaska Department of Natural Resources permit for water removal before taking water from a lake, stream, or other natural water body. Comply with the Alaska Department of Fish and Game screening requirements for all water removal operations.

7. Portable Changeable Message Board Signs. Furnish Changeable Message Signs when approved on a TCP. Display only messages approved on the TCP. Follow application guidelines in the ATM.
8. Truck Mounted Attenuator (TMA). Adjust height to the correct elevation during usage and to a safe height for transporting. Do not use a damaged attenuator. Replace any damaged TMA at no expense to the Department.
9. Vehicle Warning Lights. Use high intensity flashing strobe lights, oscillating beacons, or rotating beacons on vehicles that pass through any areas open to public traffic.. Vehicle hazard warning lights may supplement but are not permitted to be used instead of high intensity flashing strobe lights, oscillating beacons, or rotating beacons.

643-3.05 AUTHORITY OF THE ENGINEER.

When conditions adversely affect the public's safety or convenience, the Contractor will receive an oral notice. A written notice will follow the oral notice according to Subsection 105-1.01. The notice will state the defect(s), the corrective action(s) required, and the time required to complete the corrective action(s). In no case will this time exceed 24 hours. If corrective action(s) are not completed within the specified time, the Engineer may immediately suspend work on the offending operations until the defect(s) are corrected. The Engineer may require outside forces to correct unsafe conditions. The cost of work by outside forces will be deducted from any monies due under the terms of this Contract.

643-3.06 TRAFFIC PRICE ADJUSTMENT.

A Traffic Price Adjustment, under Item 643.0023.____, will be assessed for unauthorized lane closures or reductions. Unauthorized lane reductions will be assessed as one full lane closure, for each lane reduced without authorization

Authorized lane closures/ reductions are those shown in the Contract, an approved TCP, or authorized in writing.

Unauthorized lane closures/reductions include: unacceptably maintained roadways; work done without an approved TCP; work not done in conformance with the approved TCP; and non-conforming or out of place traffic control devices. Failure to install temporary Roadside Safety Hardware, when required according to the Contract or TCP, is also considered an unauthorized lane reduction. The Engineer will make the sole determination whether unauthorized lane reductions or closures are present.

Should unauthorized conditions exist, the Engineer may verbally assess the Traffic Price Adjustment liquidated damages. The Engineer will provide written notification of unauthorized conditions after verbally assessing a Traffic Price Adjustment.

Adjustment Rates are listed in Table 643-3. These rates are liquidated damages which represent highway user costs, based on Average Daily Traffic (ADT). The Engineer will use the rate shown for the current ADT for this project shown on the Plans, or if not shown on the Plans as published in the Regional Traffic Volume Report. The Traffic Price Adjustment will be calculated by multiplying the Adjustment Rate by the number of lanes closed/reduced by the minutes the unauthorized closure/reduction existed.

Traffic delays greater than that allowed by the Contract will be considered work not done in conformance with the approved TCP. The number of minutes for the Traffic Price Adjustment will be calculated from the time delays exceeded the allowable delay to the time vehicles pass through the project within the allowable delay.

**TABLE 643-3
ADJUSTMENT RATES**

Published ADT	Dollars/Minute of Unauthorized Lane Reduction or Closure
Less than 1,000	\$6
1,000-4,999	\$25
5,000-9,999	\$75
10,000-29,999	\$105
30,000+	\$150

643-3.07 MAINTENANCE OF TRAFFIC DURING SUSPENSION OF WORK.

Approximately one month before suspending work for the season, schedule a preliminary meeting with the Engineer and Maintenance & Operations to outline the anticipated roadway condition and the work expected to be completed before shutdown. Schedule a field review with the Department for winter maintenance acceptance. At the field review the Engineer will prepare a punch list for implementation before acceptance.

To be relieved of winter maintenance responsibility, leave roads in the following condition:

All Roads

1. Make drainage structures functional without ponding of water on the travel surface.
2. Install permanent or temporary Roadside Safety Hardware at locations where the existing safety hardware was removed and where the roadway has been realigned and the plans call for safety hardware to be installed.

3. Make sure all illumination and signals, including vehicle detectors, are in good working order.

Paved Roads

1. Replace areas of removed pavement with new permanent pavement, or temporary pavement when the bid schedule contains Item 401.0005._____.
2. Install permanent pavement markings or painted interim pavement markings.

Unpaved Roads

1. Leave the roadway with a smooth and even surface.
2. Properly Crown the roadbed surface for drainage.

After the project is accepted for winter maintenance and until you are ordered to resume construction operations, the Department is responsible for maintaining the facility. The Department will accept maintenance responsibility only for portions of the work that are open to the public, as determined by the Engineer. The Department will not accept maintenance responsibility for incomplete work adjacent to accepted roads. The Contractor is responsible for maintaining all other portions of the work. The Engineer will issue a letter of "Acceptance for Winter Maintenance" that lists all portions of the work that the Department will maintain during a seasonal work suspension. The Contractor retains all contractually required maintenance responsibilities until receipt of this letter.

If you suspend work due to unfavorable weather (other than seasonal) or due to your failure to correct unsafe conditions, carry out Contract provisions, or carry out the Engineer's orders, you must bear all costs for traffic maintenance during the suspended period.

When you resume work, replace or renew any work or materials lost or damaged during temporary use. If the Department caused damage during winter suspension, payment will be made for repairs by unit pay item or in accord with Subsection 109-1.05, Compensation for Extra Work. When the Engineer directs, remove any work or materials used in the temporary maintenance. Complete the project as though work has been continuous.

643-3.08 CONSTRUCTION PHASING.

Follow the construction phasing detailed in these provisions, the Special Provisions, and the Plans unless proposing alternative construction phasing that is approved by the Engineer. Alternative construction phasing shall provide the same or less restriction to vehicles and non-motorized traffic than those detailed in the Contract.

Throughout the project, maintain the existing roadway, pedestrian walkway or route, and bicycle route or pathway configuration (such as the number of lanes and their respective widths) except for restrictions to traffic allowed in the Special Provisions or on the Plans, and addressed through approved TCPs. A restriction to traffic is any roadway surface condition, work operation, or traffic control setup that reduces the number of lanes or impedes traffic. Obtain an approved TCP before restricting traffic.

Do not restrict traffic or shut down signals during the times listed in the Special Provisions.

643-3.09 INTERIM PAVEMENT MARKINGS.

Place permanent or interim pavement markings according to this Subsection, details shown on the Plans, approved TCPs, and Parts III and VI of the ATM before opening existing paved roadways, temporary paved roadways, detours, interim paving lifts, and roadways with seal coats and surface treatments for more than one continuous work shift. This work may include restriping the existing roadway before beginning construction, before seasonal suspension, and/or after seasonal suspension.

Remove conflicting pavement markings according to Subsection 670-3.04, Paint Removal. Apply painted interim pavement markings according to Section 670.

Maintain all interim pavement markings for the duration of the approved TCP, including reapplication when necessary.

Use only temporary raised pavement markers as interim pavement markings on final pavement surfaces. Completely remove and dispose of them when placing the final markings. Completely remove any residual adhesive that might misguide motorists. Phase construction to avoid routing traffic over conflicting markings for more than one continuous work shift. If traffic is routed over conflicting markings during a work shift, delineate the roadway with a complement of warning signs, channelizing devices, and flaggers as required by the ATM.

Use only temporary raised pavement markers as interim markings on seal coat and surface treatment pavements. Install the markers according to the manufacturer's instructions before applying the asphalt surface material and cover coat. Remove the vinyl protective covers after applying the asphalt pavement.

On multicourse surface treatments, install the temporary raised pavement markers after applying the full width of the first layer of cover coat. Install the markers on each day's completed surface before removing the pilot car operations and allowing unescorted traffic on the surface treatment.

643-3.10 LIGHTING FOR NIGHT WORK.

Furnish, install, operate, maintain, move, and remove night time lighting to illuminate construction work areas for night work to a minimum intensity of 5 foot-candles when construction activities are within 15 feet of an open lane of traffic. Illuminate the work area and extend the lighting a minimum of 25 feet in advance and beyond the work area. Position light sources to not interfere with or impede traffic in any direction and not cause glare for motorists or spillover onto adjacent properties. Use balloon lighting to illuminate each flagging station to the minimum intensity.

Provide the Engineer with one light meter that reports measured light intensity in foot-candles. Provide the Engineer instructions for operating the light meter. The light meter will be returned to the Contractor at the completion of night work.

Install all post-mounted electroliers located within the clear zone, on MASH compliant breakaway bases.

643-3.11 HIGH VISIBILITY GARMENTS.

Ensure all workers within project limits wear outer garments that are highly visible and comply with the following requirements:

1. Standards. Use high visibility garments conforming to the requirements of ANSI/ISEA 107 (2015 version or newer), Type R Class 2 or 3 for tops and Class E for bottoms.
2. Labeling. Use garments labeled in conformance with ANSI/ISEA 107 (2015 version or newer).
3. Tops. Wear high visibility vests, jackets, or coverall tops at all times.
4. Bottoms. Wear high visibility pants or coverall bottoms when required by the Contractor's worksite hazard analysis.

Condition. Furnish and maintain all vests, jackets, coveralls, rain gear, hard hats, and other apparel in a neat, clean, and presentable condition.

643-3.12 OVERSIZE AND OVERWEIGHT VEHICLES.

Oversize and overweight equipment may be allowed within the project limits in accordance with 105-1.12 and this subsection.

Permits shall be obtained from the Department's Division of Measurement Standards & Commercial Vehicle Enforcement, for movements of oversize and overweight equipment outside of the project limits. Submit a copy to the Engineer.

The following items are required of oversize or overweight vehicles or equipment:

1. Truck and equipment headlights must be on at all times during vehicle use;
2. A roof mounted flashing or rotating amber beacon, visible from 360 degrees, must be on during vehicle use;
3. For overweight street legal vehicles, mount clearly visible oversize signs on front and rear of vehicle; and
4. For oversize equipment and/or overweight non-street legal equipment, mount 16" X 16" warning flags on the outboard points, in addition to clearly visible oversize signs on front and rear of equipment.

When oversize or overweight vehicles are used, submit a TCP meeting the requirements of 643-1.03 and the following additional requirements:

1. Indicate the type, number, and frequency of oversize and overweight equipment.
2. Limit haul unit speed to 10 mph when passing through any developed area or significant hazard. The Engineer is sole judge of what constitutes a developed area or significant hazard;
3. Obey bridge load restrictions and all height restrictions on haul route;
4. Maintain the haul route in a smooth and dust free condition. Remove all haul debris from the roadway and the surroundings;
5. Maintain a minimum 12 foot lateral separation between the oversize or overweight vehicles and the public. Identify the traffic control devices for this separation in the TCP. If a minimum 12 foot lateral separation is not possible, oversize or overweight vehicles must come to a stop to allow traffic to pass.

Reinstall all signs, signals, guardrail, and other safety features that were removed for the haul before opening the area to the public. If mailboxes were removed for the haul, reinstall mailboxes by the next day after the haul.

643-4.01 METHOD OF MEASUREMENT.

See Section 109 and as follows. Quantities will not be measured during winter suspension of work.

Traffic Control Device Items that are installed, accepted, and operational will be measured by the number of units of each bid item shown on the Traffic Control Rate Schedule and as follows. Incomplete or unsatisfactory devices will not be measured. Items measured by the day are for each item per 24-hour period.

1. Special Construction Signs. By the total area of legend-bearing sign panel, as determined under Subsection 615-4.01. Special Construction Signs will also be measured for each day of use under Construction Signs.
2. Portable Barrier. By the linear foot placed according to the approved TCPs, for the initial placement and for each subsequent relocation when moved more than 10 feet in any direction.
3. Temporary Crash Cushion and Temporary Guardrail Terminal. By each acceptably placed according to an approved TCP.

4. Interim Pavement Marking. By the linear foot for a single stripe 4 inches wide. Wider striping is measured in multiples of 4 inches. Centerline gaps are not deducted from measurements. Raised pavement markers, word, and symbols will be measured by each, complete in place.
5. Flagging and Pilot Car. By the number of approved hours. Work done by the Worksite Traffic Supervisor will not be measured for payment.
6. Street Sweeping. By the number of operated hours, approved by the Engineer. Work done by the Worksite Traffic Supervisor will not be measured for payment.
7. Watering. By the 1,000 gallons (M-Gallon) of water applied. The Engineer may specify measurement by weight or volume. If by weight, convert to gallons at 8.34 pounds per gallon. If by volume, convert to gallons at 7.48 gallons per cubic foot.
8. Traffic Price Adjustment. By the method described in 643-3.06. The Engineer will determine whether the roadway is opened to full use.
9. Portable Changeable Message Board Sign. By the 24-hour period for each sign, as shown on an approved TCP and displaying a message noted on the approved TCP.
10. Temporary Sidewalk Surfacing. By the square foot acceptably placed according to the nominal dimensions shown on an approved TCP.
11. Temporary Guardrail. By the linear foot acceptably placed, including end treatments, according to an approved TCP.
12. Longitudinal Channelizing Device. By the linear foot acceptably placed according to an approved TCP, for the initial placement, and for each subsequent relocation when moved more than 10 feet in any direction.
13. Portable Chain Link Fence. By the linear foot along the face from center to center of posts, acceptably placed according to an approved TCP, for the initial placement, and for each subsequent relocation when moved more than 10 feet in any direction.

643-5.01 BASIS OF PAYMENT.

1. Traffic Maintenance. The contract price includes all resources required to provide the Worksite Traffic Supervisor, all required submittals under this Section, lighting for night work, and the maintenance of all roadways, approaches, crossings, intersections and non-motorized facilities, as required. This item also includes any Traffic Control Devices required but not shown on the bid schedule.

Items required by the Contract that are not listed on the bid schedule or not included in other items are subsidiary to Item 643.0002.____ Traffic Maintenance, except the following:

- a. Traffic Price Adjustment
- b. Traffic maintenance setup items
2. Traffic Control Device Items. The contract price includes all resources required to provide, install, maintain, move, and remove the specified devices. Warning lights, high-level warning devices, vertical panels, and sign supports required for traffic control devices are subsidiary.
3. Permanent Construction Signs. The contract price includes all resources required to provide, install, maintain, and remove post mounted construction signs.
4. Traffic Maintenance Setup Items.

- a. Detour. If Item 643.0033.____, Detour is included in the bid schedule, the contract price includes all resources required to provide, install, maintain, and remove the detour shown on the Plans. All traffic control devices shown are subsidiary.
 - b. Diversion. If Item 643.00XX.____, Diversion is included in the bid schedule, the contract price includes all resources require to provide, install, maintain, and remove the diversion shown on the Plans. All traffic control devices shown are subsidiary.
- 5. Traffic Price Adjustment. If Item 643.0023.____, Traffic Price Adjustment, is shown on the bid schedule, the total value of this contract will be adjusted, for unauthorized lane reductions or closures, at the rates listed in Table 643-3.
 - 6. Traffic Control. Payment for Item 643.0025.____, Traffic Control, will be made at the unit rate value contained in the Traffic Control Rate Schedule shown in Table 643-4 for the accepted units of traffic control devices.

Additional flagging associated with Change Order work will be paid according to Subsection 104-1.02 Changes.

**TABLE 643-4
TRAFFIC CONTROL RATE SCHEDULE**

Traffic Control Device	Pay Unit	Unit Rate
Construction Signs	Each/Day	\$ 6.50
Special Construction Signs	Square Foot	\$ 31.00
Type II Barricade	Each/Day	\$ 3.30
Type III Barricade	Each/Day	\$ 11.00
Traffic Cone	Each/Day	\$ 1.10
Tubular Marker	Each/Day	\$ 1.10
Drums	Each/Day	\$ 3.30
Temporary Guardrail	Linear Foot	\$ 35.00
Temporary Guardrail Terminal (Parallel)	Each	\$ 4,500.00
Portable Concrete or Steel F Shape Barrier (12.5 foot standard length or \$8/foot)	Each	\$ 100.00
Temporary Crash Cushion /non-redirective Water filled barrier (all required per end)	Each	\$ 2,500.00
Temporary Crash Cushion /non-redirective Sand filled Barrels (all required per end)	Each	\$ 4,325.00
Temporary Crash Cushion /Redirective	Each	\$ 9,230.00
Temporary Sidewalk Surfacing	Square Foot	\$ 2.00
Longitudinal Channelizing Device	Linear Foot	\$ 1.00
Portable Chain-Link Fence	Linear Foot	\$ 5.00
Flagger	Hour	\$ 82.00
Electronic Boards, Panels, and Signals		
Sequential Arrow Panel	Each/Day	\$ 60.00
Portable Changeable Message Board Sign	Each/Day	\$ 210.00
Cars and Trucks with driver		
Pilot Car (4x2 ½ ton truck, or any car)	Hour	\$ 128.00
Watering Truck – up to 4900 gallon capacity	M-Gallon	\$ 40.00
Watering Truck – more than 4900 gallon capacity	M-Gallon	\$ 30.00
Street Sweeping (Regenerative Sweeper, Vacuum Sweeper, Mechanical or Power Broom with vacuum)	Hour	\$ 214.00
40,000 GVW Truck with Crash Attenuator (Mobile)	Hour	\$ 162.00
40,000 GVW Truck with Crash Attenuator (Stationary)	Hour	\$ 97.00
Interim Pavement Markings		
Painted Markings	Linear Foot	\$ 0.30
Temporary Raised Pavement Markers	Each	\$ 1.00
Word or Symbol Markings	Each	\$ 55.00
Removal of Pavement Markings	Linear Foot	\$ 1.25

Traffic control devices required to delineate or shield fixed objects are subsidiary. Traffic control devices required to install permanent pavement markings are subsidiary. Traffic control devices required to

delineate or shield guardrail posts or non-crashworthy ends are subsidiary when required for failure to meet completion timelines in subsection 606-3.01.

High visibility garments are subsidiary.

Payment will be made under:

PAY ITEM		
Item Number	Item Description	Unit
643.0002.____	Traffic Maintenance	LS
643.0003.____	Permanent Construction Signs	LS
643.0023.____	Traffic Price Adjustment	CS
643.0025.____	Traffic Control	CS
643.0033.____	Detour	LS
643.00XX.____	Diversion	LS

SRM-38 04/01/2025

WAYDELICH CREEK GUARDRAIL REPLACEMENT MODIFICATION 8/11/26

SECTION 710
FENCE AND GUARDRAIL

STANDARD MODIFICATIONS

710-2.04 METAL BEAM RAIL. Replace the subsection with the following:

1. W-Beam and Thrie-Beam Guardrail. Meet AASHTO M 180, Class A, Type II.
2. Box-Beam Guardrail. Meet ASTM A500 Grade B.
3. Symmetric and Asymmetric W-Thrie Beam Transition Section. Meet AASHTO M 180, Class B, Type II.

Galvanize the rail per AASHTO M 111 after fabrication.

710-2.06 GUARDRAIL POSTS AND BLOCKOUTS. Add the following:

4. Transition Posts. Meet the section and length specified on the Plans. Meet ASTM A992 or ASTM A709, Grade 50.
5. Transition Blockouts. Meet the shape and dimensions shown on the Plans. Meet ASTM A500, Grade B or Grade C.

710-2.11 GUARDRAIL TERMINALS. Replace the subsection with the following:

W-beam shall meet requirements of AASHTO M 180, Class A, Type II. Box beam shall meet requirements of ASTM A500 Grade B or ASTM A501. Galvanize after fabrication.

Components made from rolled pressed and forged shapes, castings, plates, bars, and strips shall meet the coating requirements of AASHTO M 111. Galvanize after fabrication.

All hardware or fasteners supplied shall meet the coating requirements of AASHTO M 232.

Guardrail terminals shall be AASHTO MASH Test Level 3.

1. W-Beam. Provide one of the following terminal types, as shown on the Plans, for single-rail W-beam guardrail. Design requirements: 31 in top of rail height, 8 in blockouts, W6x8.5 steel posts, 12 ft 6 in w-beam panels, and mid-span splice connection to run of rail.
 - a. Parallel Terminals. Provide the RoadSystems, Inc. MASH MSKT W-Beam terminal with the following characteristics:
 - (1) Length: 50 ft nominal effective length
 - (2) End Offset: 0 ft to 2 ft (25:1 or flatter straight taper). Offset as shown on the Plans.
 - b. Buried in Backslope Terminal. Provide terminals as shown on the Plans.
2. Box Beam. Provide terminals, as shown on the Plans for box beam guardrail. Design requirements: 28 in top of rail height, designed for use with 6 in by 6 in by 3/16 in box beam.
 - a. Parallel Terminals. Provide terminals meeting the following:

- (1) Length: 33 ft nominal effective length, or a minimum 18 ft of box beam rail and standard 3 in weak posts beyond the 1/8 in end tube rail, or as recommended by the manufacturer's installation manual.
- (2) End Offset: 25:1 or flatter straight taper. Offset end as shown on the Plans.

Add a new subsection:

710-2.12 TRANSITION CONNECTION.

1. Thrie Beam Terminal Connector. Meet AASHTO M 180, Class B, Type II.
2. Guardrail Connection Plate. Meet ASTM A709, Grade 50

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