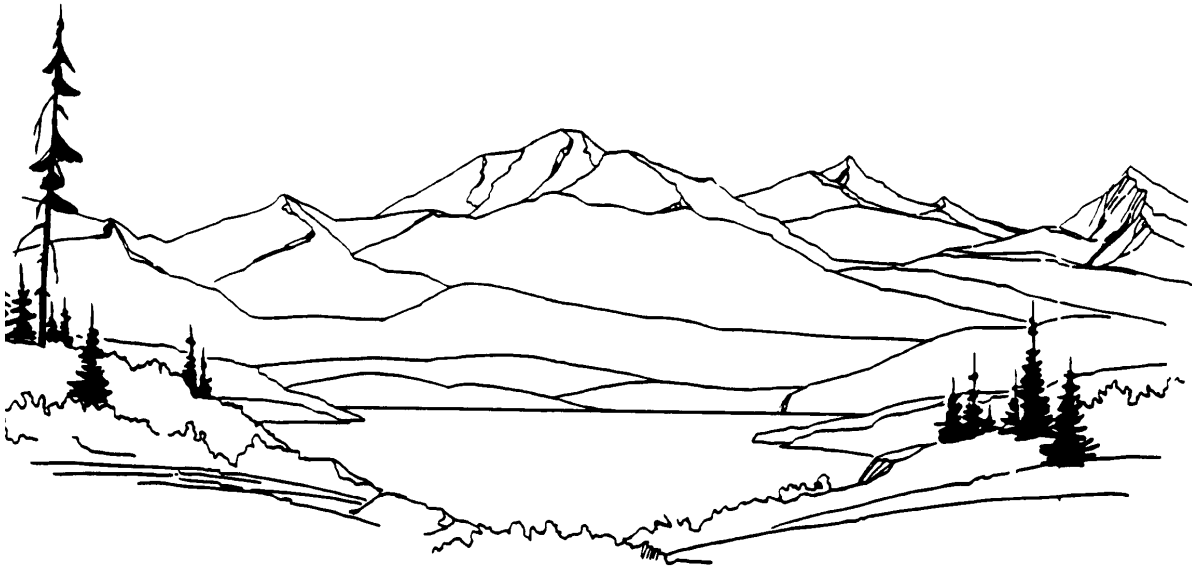


**STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES**

**DIVISION OF PARKS  
AND  
OUTDOOR RECREATION**



**PROPOSAL, CONTRACT, BOND  
AND SPECIAL PROVISIONS**

**HEALY CENTER PIT ROAD**

**PROJECT NUMBER 52959-8**

COPY \_\_\_\_\_

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(Federal Aid)

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## 5. Federal Wage Rates

Federal wage rates can be obtained at <http://www.wdol.gov/dba.aspx#0> for the State of Alaska. Use the federal wage rates that are in effect 10 days before Bid Opening. The Department will include a paper copy of the federal wage rates in the signed Contract.

## 6. State Wage Rates

State wage rates can be obtained at <http://www.labor.state.ak.us/lss/pamp600.htm>. Use the State wage rates that are in effect 10 days before Bid Opening. The Department will include a paper copy of the State wage rates in the signed Contract.



**INVITATION TO BID**  
for Construction Contract

Date: 03/24/2026

**Healy Center Pit Road, Project Number 52959-8**  
Project Name and Number

The Department invites bidders to submit bids for furnishing all labor, equipment, and materials and performing all work for the project described below. The Department will only consider bids received **before 2:00 PM local time (per the Department's time source) on the 28th day of April 2026**. On that date, the Department will assemble, open, and then publicly announce the timely-received bids at **550 W. 7th Avenue, Suite 1340; Anchorage, AK 99501**, at **2:15 PM**, or **as soon** thereafter as practicable.

Location of Project: Near Healy, AK  
Contracting Officer: Rys Miranda, P.E.  
Issuing Office: DNR, Division of Parks and Outdoor Recreation  
State Funded  Federal Aid

**Description of Work:**

Provide all equipment, labor, and materials necessary to construct new access to the area south of Center Pit. The design includes approximately 1300 feet of new road construction, road resurfacing, over-excavation through road cut sections in friable sedimentary rock, replacing excavated sections with compacted gravel, and establishing drainage via culvert installation along the access road. Maintenance of the existing access road is also included.

Project DBE Utilization Goal:  Race-Neutral, Goal is 0%  Race-Conscious, Goal is 0%

The Engineer's Estimate is:  less than \$100,000  between \$1,000,000 and \$2,500,000  
 between \$100,000 and \$250,000  between \$2,500,000 and \$5,000,000  
 between \$250,000 and \$500,000  greater than \$5,000,000  
 between \$500,000 and \$1,000,000

All work shall be completed in NA Calendar Days, or by **08/15/2026**. The Department will identify an interim completion date (for road work) in the Special Provisions.

The apparent successful bidder must furnish a payment bond in the amount of **100%** of the contract and a performance bond in the amount of **100%** of the contract as security conditioned for the full, complete and faithful performance of the contract. The apparent successful bidder must execute the said contract and bonds within fifteen calendar days, or such further time as may be allowed in writing by the Contracting Officer, after receiving notification of the acceptance of their bid.

**Submission of Bidding Documents**

Bidders may submit bidding documents through the mail or hand delivered. For mailed or hand delivered bids with a paper bid guaranty, documents shall be submitted in a sealed envelope marked as follows:

Bidding Documents for Project: <b>Healy Center Pit Road,</b> <b>Project Number 52959-8</b>	ATTN: <b>DNR, Division of Parks and Outdoor Recreation</b> <b>550 W. 7th Avenue, Suite 1340</b> <b>Anchorage, AK 99501</b>
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It is incumbent upon the bidder to ensure its bid, any amendments, and/or withdrawal arrive, in its entirety, at the location and before the deadline stated above. A bidder sending a bid amendment or withdrawal via email or fax must transmit its documentation to the Department at this email address: katie.winter@alaska.gov or fax number: (907) 269-8917.

To be responsive, a bid must include a bid guaranty equal to 5% of the amount bid. *(When calculating the bid amount for purposes of determining the 5% value of the bid guaranty, a bidder shall include its base bid amount, plus the amount bid for alternate and supplemental bid items, if any.)*

The Department hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this Invitation, Disadvantaged Business Enterprises will be afforded full opportunity to submit bids and will not be discriminated against on the grounds of race, color, national origin, or sex in consideration for an award.

## **NOTICE TO BIDDERS**

The following data may assist a bidder in preparing its bid:

### **SEE SPECIAL NOTICE TO BIDDERS**

A bidder may download project plans and specifications from: <http://dnr.alaska.gov/parks/designconstruct/bidcalresults.htm>.  
For additional information contact:

Division of Parks and Outdoor Recreation  
Design & Construction Section  
Phone: (907) 269-8731

If a bidder has a question relating to design features, constructability, quantities, or other technical aspects of the project, it may direct its inquiry to the contact listed below.

A bidder requesting assistance in viewing the project site must make arrangements at least 48 hours in advance.

The point of contact for inquiries for this project is:

Katie Winter, P.E.  
Engineer II, Design & Construction  
550 W. 7<sup>th</sup> Ave., Suite 1340  
Anchorage AK 99501  
E-Mail: [katie.winter@alaska.gov](mailto:katie.winter@alaska.gov)  
Phone: (907) 269-6410

A bidder may direct questions concerning bidding procedures and requirements to:

Rys Miranda, P.E.  
Chief, Design & Construction  
550 W. 7<sup>th</sup> Ave., Suite 1340  
Anchorage AK 99501  
E-Mail: [rys.miranda@alaska.gov](mailto:rys.miranda@alaska.gov)  
Phone: (907) 269-8736

Other Information:

Bid results are available approximately 30 minutes after bid opening at  
<http://dnr.alaska.gov/parks/designconstruct/bidcalresults.htm>

## SPECIAL NOTICE TO BIDDERS

The Department hereby notifies bidders that information to assist in preparing bids is available.

1. Publications. The following are available from the Plans Room, download online, or as noted:
  - a. Standard Specifications for Highway Construction, 2020 Edition comb bound (\$25.00), download at: [www.dot.state.ak.us/stwddes/dcsspecs/assets/pdf/hwyspecs/sshc2020.pdf](http://www.dot.state.ak.us/stwddes/dcsspecs/assets/pdf/hwyspecs/sshc2020.pdf), or order bound book from LuLu at: <https://www.lulu.com/en/us/shop/state-of-alaska-dept-of-transportation/2020-alaska-standard-specification-for-highway-construction/paperback/product-1qq9j9qk.html>.
  - b. Alaska Test Methods Manual (Lab & Field), May 15, 2023 Edition (\$25.00). Available online at: [www.dot.state.ak.us/stwddes/desmaterials/mat\\_waqtc/testman.shtml](http://www.dot.state.ak.us/stwddes/desmaterials/mat_waqtc/testman.shtml).
  - c. Alaska Storm Water Pollution Prevention Plan Guide, March 2021. Available at: [www.dot.state.ak.us/stwddes/desenviron/resources/stormwater.shtml](http://www.dot.state.ak.us/stwddes/desenviron/resources/stormwater.shtml).
2. Other Publications. These items are available upon request from the Department of Natural Resources, Division of Parks & Outdoor Recreation, Design & Construction Section at 550 West 7<sup>th</sup> Avenue, Suite 1340, Anchorage, AK:
  - a. Erosion, Sediment Control Plan (ESCP) in the appendix.
  - b. Channel Parameters and Coordinate Points for Ditch Lining Channels electronic file.
3. Build America, Buy America Act. Effective for Federal award obligations after October 23, 2023, meet the requirements at 2 CFR 184 for construction materials.
4. COVID-19 Management Plan. The Governor's emergency declaration and mandates relating to COVID-19 expired on February 14, 2021. However, contractors are encouraged to review COVID-19 Response and Recovery Health Advisories that can be accessed at: <https://covid19.alaska.gov/health-advisories/>.

Contractors will still be required to meet any applicable local ordinances or requirements currently in effect, and comply with any future federal, state, or local declarations or mandates that might be adopted while work on the project is ongoing.

Consistent with Section 107-1.01 of the Standard Specifications for Highway Construction, the Contractor will be responsible for paying all costs and expenses incurred to comply with any COVID-19 Health Mandates or Health Advisories in effect during times when the Contractor is performing project-related work activities. The Contractor will additionally be responsible for preparing any general or site-specific mitigation and response plans required for its forces, along with any attendant schedule delays or impacts.

5. Electronic Bidding. The Department is not able to receive bids electronically. All bidding documents must be submitted by mail or hand delivered. Documents shall be submitted in a sealed envelope.

6. Material Sources. All borrow or fill material must come from Department-permitted sources, material reclaimed from maintained roadside ditches (provided the designed width or depth of the ditch is not increased), or commercially procured material from a source existing prior to the event. For any federal-funded project requiring the use of a non-commercial source or a commercial source that was not permitted to operate prior to the event (e.g. a new pit, agricultural fields, road ROWs, etc.) in whole or in part, regardless of cost, the Applicant must notify the Department prior to extracting material. The Department must review the source for compliance with all applicable federal environmental planning and historic preservation laws and executive orders prior to a subrecipient or their contractor commencing borrow extraction. Consultation and regulatory permitting may be required. Non-compliance with this requirement may jeopardize receipt of federal funding. Documentation of borrow sources utilized is required at closeout.
7. Cultural and Archaeological Survey for Material Sources. All material sources associated with this project must conform to AS 41.35.070 and have documented survey showing no adverse effects to historic, prehistoric, or archaeological resources. A list of qualified consultants approved to perform cultural/archaeological surveys can be found at: <http://dnr.alaska.gov/parks/oha/grant/contractorlistcurrent.pdf>.
8. Contract Price Adjustment(s). The Department will not provide cost escalation or de-escalation price adjustment for this contract, except for specific items described in the bid package at the time of bid opening.



STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES

## REQUIRED DOCUMENTS

Federal-Aid Contracts (Non-FHWA)

**REQUIRED FOR BID.** Bids will not be considered if the following documents are not completely filled out and submitted at the time of bidding:

1. **Bid Forms**
  - a. **Bid Form**
  - b. **Bid Schedule**
  - c. **Bid Attachments (as applicable)**
  - d. **Addenda Acknowledgement**
2. **Bid Security**

**REQUIRED FOR BID MODIFICATIONS.** Any bid revisions must be submitted by the bidder prior to bid opening. Use the following form to modify Manual (paper) bids:

3. **Bid Modification (Form 25D-16)**
- 

**REQUIRED AFTER NOTICE OF APPARENT LOW BIDDER.** The apparent low bidder is required to complete and submit the following documents within 5 working days after receipt of written notification:

1. **Subcontractor List (Form 25D-5)**
  2. **Summary of Good Faith Effort Documentation (Form 25A-332A), and Contact Reports (Form 25A-321A)**
- 

**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. **Construction Contract (Form 25D-10H)**
2. **Payment Bond (Form 25D-12)**
3. **Performance Bond (Form 25D-13)**
4. **Contractor's Questionnaire (25D-8)**
5. **Certificate of Insurance (from carrier)**
6. **EEO-1 Certification (Form 25A-304)**
7. **Material Origin Certificate (Form 25D-60DNR)**
8. **Training Utilization Report (Form 25A-311), and/or DOT&PF Training Program Request (Form 25A-310), if required**
9. **Bidder Registration (Form 25D-6) Bidders must register annually with the Civil Rights Office in order to be eligible for award.**



STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES

## FEDERAL EEO BID CONDITIONS

STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY CONSTRUCTION CONTRACT SPECIFICATIONS (EXECUTIVE ORDER 11246). FOR ALL NON-EXEMPT FEDERAL AND FEDERALLY-ASSISTED CONSTRUCTION CONTRACTS TO BE AWARDED IN THE STATE OF ALASKA

1. Definitions. As used in these specifications:
  - a. “**Covered area**” means the geographical area described in the solicitation from which this contract resulted;
  - b. “**Director**” means Director, Office of Federal Contract Compliance Programs (OFCCP), United States Department of Labor (DOL), or any persons to whom the Director delegates authority;
  - c. “**Employer**” identification number” means the Federal Social Security number used on the Employer’s Quarterly Federal Tax Return, U.S. Treasury Department Form 941.
  - d. “**Minority**” includes:
    - (1) Black (all persons having origins in any of the Black African racial groups not of Hispanic origin);
    - (2) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish culture or origin, regardless of race);
    - (3) Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands); and
    - (4) American Indian or Alaska Native (all persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification).
2. Whenever the Contractor, or any subcontractor at any tier, subcontracts a portion of the work involving any construction trade, it shall physically include in each subcontract in excess of \$10,000 the provisions of these specifications and the Notice which contains the applicable goals for minority and female participation and which is set forth in the solicitations from which this contract resulted.
3. If the Contractor is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan approved by the DOL in the covered area, either individually or through an association, its affirmative action obligations on all work in the Plan area (including goals and timetables) shall be in accordance with that Plan for those trades that have unions participating in the Plan. Contractors must be able to demonstrate their participation in and compliance with the provisions of any such Hometown Plan. Each Contractor or subcontractor participating in an approved Plan is individually required to comply with its obligations under the EEO clause, and to make good faith effort to achieve each goal under the Plan in each trade in which it has employees. The overall good faith performance by other Contractors or subcontractors toward a goal in an approved Plan does not excuse any covered Contractor’s or subcontractor’s failure to make good faith efforts to achieve the Plan goals and timetables.
4. The Contractor shall implement the specific affirmative action standards provided in paragraphs 7(a) through 7(p) of these specifications. The goals set forth in the solicitation from which this contract resulted are expressed as percentages of the total hours of employment and training of minority and female utilization the Contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. The Contractor is expected to make substantially uniform progress toward its goals in each craft during the period specified.

Covered construction contractors performing construction work in geographical areas where they do not have a federal or federally-assisted construction contract shall apply the minority and female goals established for the geographical area where the work is being performed. Goals are published periodically in the Federal Register in notice form, and such notices may be obtained from any OFCCP office or from federal procurement contracting officers.

5. Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom the Contractor has a collective bargaining agreement, to refer either minorities or women shall excuse the Contractor's obligations under these specifications, Executive Order 11246, or the regulations promulgated pursuant thereto.
6. In order for the non-working training hours of apprentices and trainees to be counted in meeting the goals, such apprentices and trainees must be employed by the Contractor during the training period of an approved training program and the Contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities.
7. The Contractor shall take specific affirmative actions to ensure equal employment opportunity. The evaluation of the Contractor's compliance with these specifications shall be based upon its effort to achieve maximum results from its actions. The Contractor shall document these efforts fully, and shall implement affirmative action steps at least as extensive as the following:
  - a. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the Contractor's employees are assigned to work. The Contractor, where possible, will assign two or more women to each construction project. The Contractor shall specifically ensure that all foremen, superintendents, and other on-site supervisory personnel are aware of and carry out the Contractor's obligations to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.
  - b. Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.
  - c. Maintain a current file of the names, addresses and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a union, a recruitment source or community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the Contractor by the union or, if referred, not employed by the Contractor, this shall be documented in the file with the reason therefor, along with whatever additional actions the Contractor may have taken.
  - d. Provide immediate written notification to the Director when the union or unions with which the Contractor has a collective bargaining agreement has not referred to the Contractor a minority person or woman sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.
  - e. Develop on-the-job training opportunities and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs funded or approved by the DOL. The Contractor shall provide notice of these programs to the sources compiled under 7(b) above.
  - f. Disseminate the Contractor's EEO policy by providing notice of the policy to unions and training programs and requesting their cooperation in assisting the Contractor in meeting its EEO obligations; by including it in any policy manual and collective bargaining agreement; by publicizing it in the company newspaper, annual report, etc.; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.

- g. Review, at least annually, the company's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignment, layoff, termination or other employment decisions including specific review of these items with on-site supervisory personnel such as Superintendent, general foreman, etc., prior to the initiation of construction work at any job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed, and dispositions of the subject matter.
  - h. Disseminate the Contractor's EEO policy externally by including it in any advertising in the news media, specifically including minority and female news media, and providing written notification to and discussing the Contractor's EEO policy with other Contractors and Subcontractors with whom the Contractor does or anticipates doing business.
  - i. Direct its recruitment efforts, both oral and written, to minority, female and community organizations, to schools with minority and female students and to minority and female recruitment and training organizations serving the Contractor's recruitment area and employment needs. Not later than one month prior to the date for the acceptance of applications for apprenticeship or other training by any recruitment source, the Contractor shall send written notification to organizations such as the above, describing the openings, screening procedures, and tests to be used in the selection process.
  - j. Encourage present minority and female employees to recruit other minority persons and women and, where reasonable, provide after school, summer and vacation employment to minority and female youth both on the site and in other areas of a Contractor's workforce.
  - k. Validate all tests and other selection requirements where there is an obligation to do so under 41 CFR Part 60-3.
  - l. Conduct, at least annually, an inventory and evaluation at least of all minority and female personnel for promotional opportunities and encourage these employees to seek or to prepare for, through appropriate training, etc., such opportunities.
  - m. Ensure that seniority practices, job classifications, work assignments and other personnel practices do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the EEO policy and the Contractor's obligations under these specifications are being carried out.
  - n. Ensure that all facilities and company activities are nonsegregated except that separate or single-used toilet, necessary changing facilities and necessary sleeping facilities shall be provided to assure privacy between the sexes.
  - o. Document and maintain a record of all solicitations of offers for subcontractors from minority and female construction contractors and suppliers, including circulations of solicitations to minority and female contractor associations and other business associations.
  - p. Conduct a review, at least annually, of all supervisors' adherence to and performance under the Contractor's EEO policies and affirmative action obligations.
8. Contractors are encouraged to participate in voluntary associations which assist in fulfilling one or more of their affirmative action obligations 7(a) through 7(p). The efforts of a contractor association, joint contractor-union, contractor-community, or other similar group of which the Contractor is a member and participant, may be asserted as fulfilling any or more of its obligations under 7(a) through 7(p) of these specifications provided that the Contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensures that the concrete benefits of the program are reflected in the Contractor's minority and female work force participation, makes a good faith effort to meet its individual goals and timetables, and can provide access to documentation which demonstrates the effectiveness of actions taken on behalf of the Contractor. The obligation to comply, however, is the Contractor's and failure of such a group to fulfill an obligation shall not be a defense for the Contractor's noncompliance.

9. A single goal for minorities and a separate goal for women have been established. The Contractor, however, is required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and non-minority. Consequently, the Contractor may be in violation of the Executive Order if a particular group is employed in a substantially disparate manner (for example, even though the Contractor has achieved its goals for women generally, the Contractor may be in violation of the Executive Order if a specific minority group of women is underutilized.)
10. The Contractor shall not use the goals and timetables or affirmative action standards to discriminate against any person because of race, color, religion, sex, or national origin.
11. The Contractor shall not enter into any subcontract with any person or firm debarred from government contracts pursuant to Executive Order 11246.
12. The Contractor shall carry out such sanctions and penalties for violation of these specifications and of the Equal Opportunity Clause, including suspension, termination and cancellation of existing subcontracts as may be imposed or ordered pursuant to Executive Order 11246, as amended, and its implementing regulations, by the OFCCP. Any Contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Executive Order 11246, as amended.
13. The Contractor, in fulfilling its obligations under these specifications, shall implement specific affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of these specifications, so as to achieve maximum results from its efforts to ensure equal employment opportunities. If the Contractor fails to comply with the requirements of the Executive Order, the implementing regulations or these specifications, the Director shall proceed in accordance with 41 CFR 60-4.8.
14. The Contractor shall designate a responsible official to monitor all employment related activity to ensure that the company EEO policy is being carried out, to submit reports relating to the provisions hereof as may be required by the Government and to keep records. Records shall at least include for each employee the name, address, telephone numbers, construction trade, union affiliation if any, employee identification number when assigned, social security number, race, sex, status (e.g., mechanic apprentice, trainees, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in an easily understandable and retrievable form; however, to the degree that the existing records satisfy this requirement, Contractors shall not be required to maintain separate records.
15. Nothing herein provided shall be construed as a limitation upon the application of other laws that establish different standards of compliance or upon the application of requirements for the hiring of local or other area residents (e.g., those under the Public Works Employment Act of 1977 and the Community Development Block Grant Programs).
16. The Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth herein.
17. The goals and timetables for minority and female participation, expressed in percentage terms for the Contractor's aggregate work force in each trade on all construction work in the covered area, are as set forth in item 20.

These goals as listed in item 20 are applicable to all the Contractor's construction work (whether or not it is federal or federally-assisted) performed in the covered area.

The Contractor's compliance with the Executive Order and the regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to meet the goals. If the Contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the Contractor also is subject to the goals for both its federally and non-federally involved construction.

The hours on minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the Contractor shall make a good faith effort to employ minorities and women

evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

18. The Contractor shall provide written notification to the Department, for all subcontracts documents as follows: the name, address and telephone number of subcontractors and their employer identification number; the estimated dollar amount of the subcontracts; estimated starting and completion dates of the subcontracts; and the geographical area in which the contract is to be performed.

This written notification shall be required for all construction subcontracts in excess of \$10,000 at any tier for construction work under the contract resulting from this project's solicitation.

19. As used in the Bid Notice, and in the contract resulting from this project's solicitation, the "covered area" is the State of Alaska.

20. Goal and Timetable

- a. The following goal and timetable for female utilization shall be included in all federal and federally-assisted construction contracts and subcontracts in excess of \$10,000. The goal is applicable to the Contractor's aggregate on-site construction work force whether or not part of that work force is performing work on a federal or federally assisted construction contract or subcontract.

**ALASKA GOAL AND TIMETABLE FOR WOMEN\***

<u>Timetable</u>	<u>Goal **</u>
Until Further Notice	6.9%

- b. The following goals and timetable for minority utilization shall be included in all federal or federally-assisted construction contracts and subcontracts in excess of \$10,000 to be performed in Alaska. The goals are applicable to the Contractor's aggregate on-site construction work force whether or not part of that work force is performing work on a federal or federally-assisted construction contract or subcontract.

**ALASKA GOALS AND TIMETABLE FOR MINORITY UTILIZATION**

<u>Timetable</u>	<u>Economic Area (EA)***</u>	<u>Goals **</u>
Until Further Notice	Anchorage SMSA Area	08.7%
	Remainder of State	15.1%

\* The goal and timetable for women listed above applies to Alaska as well as nationwide.

\*\* The Director, from time to time, shall issue goals and timetables for minority and female utilization that shall be based on appropriate work force, demographic or other relevant data and which shall cover construction projects, or construction contracts performed in specific geographical areas. The goals shall be applicable to each construction trade in a covered Contractor's or subcontractor's entire work force which is working in the area covered by the goals and timetables, shall be published as notices in the FEDERAL REGISTER, and shall be inserted by the contracting officers and applicants, as applicable, in the Notice required by 41 CFR 60-4.2. Covered construction contractors performing construction work in geographical areas where they do not have a federal or federally-assisted construction contract shall apply the minority and female goals established for the geographical area where the work is being performed.

\*\*\* Refer to the Standard Metropolitan Statistical Areas (SMSA) and Economic Areas (EA), Office of Management and Budget, 1975.



STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES

### SUBCONTRACTOR LIST

**Healy Center Pit Road, Project Number 52959-8**

**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 non-responsible 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**





2. What percent of the total value of this contract do you intend to subcontract? \_\_\_\_\_ %

3. Do you propose to purchase any equipment for use on this project?  
 No       Yes      If YES, describe type, quantity, and approximate cost:

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4. Do you propose to rent any equipment for this work?  
 No       Yes      If YES, describe type and quantity:

---

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---

5. Is your bid based on firm offers for all materials necessary for this project?  
 Yes     No    If NO, please explain:

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**C. EXPERIENCE**

1. Have you had previous construction contracts or subcontracts with the State of Alaska?  
 Yes       No

Describe the most recent or current contract, its completion date, and scope of work:

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2. List, as an attachment to this questionnaire, other construction projects you have completed, the dates of completion, scope of work, and total contract amount for each project completed in the past 12 months.

**I hereby certify that the above statements are true and complete.**

_____ Name of Contractor	_____ Name and Title of Person Signing
_____ Signature	_____ Date



STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES

**BID FORM**

for

**Healy Center Pit Road, Project Number 52959-8**

Project Name and Number

by

Company Name

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

**TO THE CONTRACTING OFFICER,  
DEPARTMENT OF NATURAL RESOURCES:**

In compliance with your Invitation to Bid dated \_\_\_\_\_, the Undersigned proposes to furnish and deliver all the materials and do all the work and labor required in the construction of the above-referenced Project, located at or near **Healy**, Alaska, according to the plans and specifications and for the amount and prices named herein as indicated on the Bid Schedule consisting of 2 sheets, which is made a part of this Bid.

The Undersigned declares that he has carefully examined the contract requirements and that he has made a personal examination of the site of the work; that he understands that the quantities, where such are specified in the Bid Schedule or on the plans for this project, are approximate only and subject to increase or decrease, and that he is willing to perform increased or decreased quantities of work at unit prices bid under the conditions set forth in the Contract Documents.

The Undersigned hereby agrees to execute the said contract and bonds within fifteen calendar days, or such further time as may be allowed in writing by the Contracting Officer, after receiving notification of the acceptance of this bid, and it is hereby mutually understood and agreed that in case the Undersigned does not, the accompanying bid guarantee shall be forfeited to the State of Alaska, Department of Transportation and Public Facilities as liquidated damages, and the said Contracting officer may proceed to award the contract to others.

The Undersigned agrees to commence the work within 10 calendar days, and to complete the work within N/A calendar days, after the effective date of the Notice to Proceed, or by N/A unless extended in writing by the Contracting Officer.

The Undersigned proposes to furnish Payment Bond in the amount of **100% (of the contract)** and Performance Bond in the amount of **100% (of the contract)**, as surety conditioned for the full, complete and faithful performance of this contract.

The Undersigned acknowledges receipt of the following addenda to the drawings and/or specifications (give number and date of each).

<b>Addenda Number</b>	<b>Date Issued</b>	<b>Addenda Number</b>	<b>Date Issued</b>	<b>Addenda Number</b>	<b>Date Issued</b>

---

**NON-COLLUSION DECLARATION**

The Undersigned declares, under penalty of perjury under the laws of the United States, that neither he nor the firm, association, or corporation of which he is a member, has, 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 this bid.

---

**The Undersigned has read the foregoing and hereby agrees to the conditions stated therein by affixing his signature below:**

\_\_\_\_\_  
**Signature of Authorized Company Representative**

\_\_\_\_\_  
**Typed Name and Title**

(    )  
**Phone Number**

(    )  
**Fax Number**

\_\_\_\_\_  
**Email Address**



STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES

**BID SCHEDULE**

Project Name: **Healy Center Pit Road**

Project Number: **52959-8**

Before preparing this bid schedule, read carefully, Section 102 of the 2020 edition of the Standard Specifications for Highway Construction, and the following:

The Bidder shall insert, as called for, a unit price or lump sum price in figures opposite each pay item for which an estimated quantity appears in the bid schedule. A unit price or lump sum price is not to be entered or tendered for any pay item not appearing in the bid schedule. The estimated quantity of work for payment on a lump sum basis will be "All Required" (All Req'd) and as further specified in the contract.

Whenever a Contingent Sum is shown for any item in this schedule, such amount shall govern and be included in the bid total.

Conditioned or qualified bids will be considered non-responsive.

Notice: Contract award will be made on the basis of the total adjusted basic bid.

The bidder shall insert a unit bid price for each pay item listed below. Type or print legibly.

Pay Item Number	Pay Item Description	Pay Unit	Quantity	Unit Bid Price	Amount Bid
***** BASIC BID *****					
201.0003.0000	Clearing & Grubbing	Acre	1.8	\$	\$
203.0003.0000	Unclassified Excavation	CY	57,000	\$	\$
302.0003.0000	Processing for Subgrade Modification	Station	10	\$	\$
304.0002.0000	Subbase Grading	CY	5,250	\$	\$
506.0005.0000	Treated Timber Bull Rail Replacement	LS	All Req'd	\$ (Lump Sum)	\$
603.0001.0018	CSP 18 Inch	LF	230	\$	\$
611.0001.0000	Riprap, Class I	CY	20	\$	\$
640.0001.0000	Mobilization and Demobilization	LS	All Req'd	\$ (Lump Sum)	\$
641.0001.0000	Erosion, Sediment & Pollution Control Administration	LS	All Req'd	\$ (Lump Sum)	\$

641.0002.0000	Temporary Erosion, Sediment & Pollution Control	CS	All Req'd	\$29,000.00	\$29,000.00
641.0006.0000	SWPPP Price Adjustment / Withholding	CS	All Req'd	\$0.00	\$0.00
641.0007.0000	SWPPP Manager	LS	All Req'd	\$ (Lump Sum)	\$
642.0001.0000	Construction Surveying	LS	All Req'd	\$ (Lump Sum)	\$
647.0002.0000	Wide Pad Dozer, 65 HP Minimum	Hour	20	\$	\$
647.0006.0000	Hydraulic Excavator, 1 CY, 100 HP, Minimum	Hour	20	\$	\$
647.0007.0000	Motor Grader, 220 HP Minimum	Hour	20	\$	\$
TOTAL BASIC BID					\$

No: \_\_\_\_\_ Expires \_\_\_\_\_  
Alaska Business License

No: \_\_\_\_\_ Expires \_\_\_\_\_  
Alaska Contractor's License



STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES

## CONSTRUCTION CONTRACT

**Healy Center Pit Road, Project Number 52959-8**  
Project Name and Number

This CONTRACT, between the STATE OF ALASKA, DEPARTMENT OF NATURAL RESOURCES, herein called the Department, acting by and through its Contracting Officer, and

\_\_\_\_\_  
**Company Name**

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

a/an  Individual  Partnership  Joint Venture  Sole Proprietorship  Corporation incorporated under the laws of the State of \_\_\_\_\_, its successors and assigns, herein called the Contractor, is effective the date of the signature of the Contracting Officer on this document.

WITNESSETH: That the Contractor, for and in consideration of the payment or payments herein specified and agreed to by the Department, hereby covenants and agrees to furnish and deliver all the materials and to do and perform all the work and labor required in the construction of the above-referenced project at the prices bid by the Contractor for the respective estimated quantities aggregating approximately the sum of \_\_\_\_, and such other items as are mentioned in the original Bid, which Bid and prices named, together with the Contract Documents are made a part of this Contract and accepted as such. *The Alaska Standard Specifications for Highway Construction, 2020 Edition* is incorporated by reference and made a part hereof as if set forth in full. *The Alaska Standard Specifications for Highway Construction* can be downloaded at <http://www.dot.state.ak.us/stwddes/dcsspecs/index.shtml>.

It is distinctly understood and agreed that no claim for additional work or materials, done or furnished by the Contractor and not specifically herein provided for, will be allowed by the Department, nor shall the Contractor do any work or furnish any material not covered by this Contract, unless such work is ordered in writing by the Department. In no event shall the Department be liable for any materials furnished or used, or for any work or labor done, unless the materials, work, or labor are required by the Contract or on written order furnished by the Department. Any such work or materials which may be done or furnished by the Contractor without written order first being given shall be at the Contractor's own risk, cost, and expense and the Contractor hereby covenants and agrees to make no claim for compensation for work or materials done or furnished without such written order.

The Contractor further covenants and agrees that all materials shall be furnished and delivered and all labor shall be done and performed, in every respect, to the satisfaction of the Department, on or before: **August 15, 2026** or within **N/A** calendar days. It is expressly understood and agreed that in case of the failure on the part of the Contractor, for any reason, except with the written consent of the Department, to complete the furnishing and delivery of materials and the doing and performance of the work before the aforesaid date, the Department shall have the right to deduct from any money due or which may become due the Contractor, or if no money shall be due, the Department shall have the right to recover **See Section 108-1.07** dollars (**See Section 108-1.07**) per day for each calendar day elapsing between the time stipulated for the completion and the actual date of completion in accordance with the terms hereof; such deduction to be made, or sum to be recovered, not as a penalty but as liquidated damages.

The bonds given by the Contractor in the sum of **\$100% (of the Contract)** Payment Bond, and **\$100%(of the Contract)** Performance Bond, to secure the proper compliance with the terms and provisions of this Contract, are submitted herewith and made a part hereof.

IN WITNESS WHEREOF, the parties hereto have executed this Contract and hereby agree to its terms and conditions.

---

**CONTRACTOR**

---

**Company Name**

---

**Signature of Authorized Company Representative**

---

**Typed Name and Title**

---

**Date**

(Corporate Seal)

---

**STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES**

---

**Signature of Contracting Officer**

---

**Typed Name**

---

**Date**



STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES

**PAYMENT BOND**

Bond No. \_\_\_\_\_

For

**Healy Center Pit Road, Project Number 52959-8**

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 Natural Resources 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 NATURAL RESOURCES

**PERFORMANCE BOND**

Bond No. \_\_\_\_\_

For

**Healy Center Pit Road, Project Number 52959-8**

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 Natural Resources 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 NATURAL RESOURCES

**BID BOND**

For

**Healy Center Pit Road, Project Number 52959-8**

Project Name and Number

DATE BOND EXECUTED: \_\_\_\_\_

PRINCIPAL (Legal name and business address):

TYPE OF ORGANIZATION:

	<input type="checkbox"/> Individual	<input type="checkbox"/> Partnership
	<input type="checkbox"/> Joint Venture	<input type="checkbox"/> Corporation
STATE OF INCORPORATION:		

SURETY(IES) (Name and business address):

<b>A.</b>	<b>B.</b>	<b>C.</b>

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)**

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

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

<b>Surety C</b>	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.





# MATERIAL ORIGIN CERTIFICATE

Federal-Aid Contracts

Project Name and Number: \_\_\_\_\_

FOREIGN CONSTRUCTION MATERIALS AND PRODUCTS <sup>1</sup>	COUNTRY OF ORIGIN	COST <sup>2</sup>

I certify under penalty of law that all construction materials, steel products, and iron products to be furnished for this project are manufactured in the United States, and comply with the requirements of Public Law No. 117-58, Sections 70901-52, 23 CFR 635.410, and Contract subsection 106-1.01, Buy America Provisions; except for those foreign construction materials and products that are listed on this page or on a separate and clearly identified attachment.<sup>3</sup> The term “manufactured in the United States” is defined in Contract subsection 106-1.01, Buy America Provision.

I certify that I have knowledge that submitting false statements and/or information may result in civil and criminal penalties.

\_\_\_\_\_  
Authorized Corporate Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Contractor’s Company Name

\_\_\_\_\_  
Position Title

Form 25D-60 Instructions:

1. Enter "NONE" on the first line if there are no exceptions.
2. Invoice cost for foreign construction materials, steel products, and iron products as delivered to the project including freight.
3. When the Contractor becomes aware of a change from or error in a previously submitted Material Origin Certificate, the Contractor shall submit an updated Material Origin Certificate. The Department of Transportation and Public Facilities shall not accept or approve any Material Origin Certificate over the limit specified in the contract.
4. Attach additional complete form sheets if necessary to include more than one page of materials and products.



STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES

**EEO-1 CERTIFICATION**  
Federal-Aid Contracts

**Healy Center Pit Road, Project Number 52959-8**  
Project Name and Number

This certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor [41 CFR 60-1.7 (b) (1)] and must be completed by the successful Bidder and each proposed Subcontractor participating in this contract.

**PLEASE CHECK APPROPRIATE BOXES**

The  Bidder  Proposed Subcontractor hereby CERTIFIES:

**PART A** Bidders and proposed Subcontractors with 50 or more year-round employees and a federal contract amounting to \$50,000 or more are required to submit one federal Standard Report Form 100 during each year that the two conditions exist (50 employees and a \$50,000 federal contract).

The company named below (Part C) is exempt from the requirements of submitting the Standard Report Form 100 this year.

NO (go to PART B)  YES (go to PART C)

Instructions and blank Standard Report Form 100's may be obtained from a local U.S. Department of Labor office, or by writing to:

The Joint Reporting Committee  
P.O. Box 779  
Norfolk, Virginia 23501

Telephone number: (757) 461-1213

**PART B** The company named below has submitted the Standard Report Form 100 this year.

NO  YES

**Note:** Bidders and proposed Subcontractors who have not filed the required Standard Report Form 100 and are not exempt from filing requirements will not be awarded this contract or subcontract until Form 100 has been filed for the current year ending June 30.

**PART C**

Signature of Authorized Company Representative	Title
Company Name	Company Address (Street or PO Box, City, State, Zip)
Date	( ) Phone Number

# **SPECIAL PROVISIONS**

to the

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES  
2020 STANDARD SPECIFICATIONS for HIGHWAY CONSTRUCTION

**HEALY, ALASKA**

**HEALY CENTER PIT ROAD  
PROJECT NUMBER 52959-8**

**3/20/2026 FINAL**

## SECTION 101

### DEFINITIONS AND TERMS

#### 101-1.03 DEFINITIONS.

**DEPARTMENT.** Replace with the following: The Alaska Department of Natural Resources, Division of Parks and Outdoor Recreation. (01/01/01)PARKS-Special Provision

**PROJECT.** Replace with the following: The specific site together with all facilities and construction to be performed thereon under the contract. (01/01/01)PARKS-Special Provision

**ROADWAY.** Replace with the following: The portion of a highway or park facility including shoulders within the limits of construction. (01/01/01)PARKS-Special Provision

## SECTION 105

### CONTROL OF WORK

**105-1.02 PLANS AND WORKING DRAWINGS.** Add the following to the first paragraph: Full size plan sheets are 11" by 17". Plans are available upon request in CAD digital format. (01/01/01)PARKS-Special Provision

**105-1.06 UTILITIES.** Add the following:

Request locates from the utilities having facilities in the area. Use the Alaska Digline, Inc. Locate Call Center for the following utilities.

#### ALASKA DIGLINE, INC.

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Locate Call Centers:	
Anchorage	278-3121
Statewide	(800) 478-3121

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**105-1.08 SURVEY CONTROL.** Replace with the following: Horizontal and vertical control to be used for construction survey tasks, including earthwork construction and volumetric measurements has been established by the Engineer, as shown on the Plans. Any control that is damaged or destroyed during construction shall be the Contractor's responsibility and shall be replaced at his own expense. At least one on-site Contractor employee other than the construction foreman shall be designated as responsible for setting grades. (06/04/14)AML-Special Provision

**105-1.15 PROJECT COMPLETION.** In the third paragraph, first sentence, replace: "Section 621" with: "Subsection 618-3.06 and 621-3.04." (02/02/15) PARKS-Special Provisions

**105-1.16 FINAL ACCEPTANCE AND RECORD RETENTION.** Add the following to the first paragraph:

6. Submit a Performance Guarantee at the completion of the final estimate in accordance with Subsection 618-5.01 if a second application of fertilizer is required in accordance with Subsection 618-3.04. (01/01/01)PARKS-Special Provision

**105-1.17 CLAIMS.** Add the following: Any appeal to the superior court under AS 36.30.685 must be filed in the third judicial district. (03/21/01)R93-Special Provision

Add the following Subsection:

SPECIAL PROVISIONS  
Project Number: 52959-8  
Healy Center Pit Road

**105-1.18 CONSTRUCTION LIMITATIONS.** It is the intent of this contract to construct this project without entering land outside project limits. Equipment, materials, and manpower shall not be allowed outside project limits without prior approval of the Engineer. Excavation of any kind shall only be stored within project limits while awaiting final placement or disposal. The Contractor shall not use construction equipment or workers that, in the opinion of the Engineer, cannot consistently operate within project limits. (01/08/09)AML-Special Provision

## SECTION 106

### CONTROL OF MATERIAL

#### 106-1.01 SOURCE OF SUPPLY AND QUALITY REQUIREMENTS.

Replace the BUY AMERICA PROVISION with the following:

**BUY AMERICA PROVISION.** On projects using federal funds the Contractor shall ensure all iron, steel, manufactured products, and construction materials incorporated into the project are produced in the United States as required by 2 CFR Part 184 Buy America Preferences for Infrastructure Projects and 23 CFR §635.410, Buy America requirements.

The Contractor shall submit a completed Material Origin Certificate, Form 25D-60DNR, prior to award of the contract. When the Contractor becomes aware of a change from or error in a previously submitted Form 25D-60DNR, the Contractor shall submit an updated Form 25D-60DNR.

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 materials based on a certificate of compliance and Form 25D-62 Certificate of Buy America Act Compliance. Materials incorporated into the project on the basis of a certificate of compliance may be tested 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.

Manufactured products that are not predominantly steel or iron, or a combination of both, or construction materials are not subject to Buy America provisions. Declare manufactured products on Form 25D-62 regardless of their exemption.

Non-domestic products in excess of the minimal use and/or the de minimis amounts shall be replaced at no expense to the State. Failure to comply may also subject the Contractor to default and debarment.

The supplier 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 and 2 CFR Part 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 Buy America requirement.

#### SPECIAL PROVISIONS

Project Number: 52959-8

Healy Center Pit Road

Buy America does not apply to construction materials, steel products, and iron products, brought temporarily to the construction site and removed at or before the completion of the project. Further, it does not apply to construction materials, steel products, and iron products which remain in place at the Contractor's convenience. Buy America does not apply to iron ore, pig iron, and processed, pelletized and reduced iron ore.

The following materials are exempt from Build America, Buy America requirements per Section 70917(c) of P. L. 117-58:

1. cement and cementitious materials
2. aggregates such as stone, sand, or gravel
3. aggregate binding agents or additives

**De Minimis amount:**

Small amounts of non-domestic construction materials, are allowed provided the total value of the non-domestic products is no more than the lesser of \$1,000,000 or 5% of total material costs for the project including freight to the project location.

**The total material costs of the project include (Form 25D-60DNR):**

1. Predominantly Iron and Steel products
2. Construction Materials
3. Manufactured Products

Do not include the cost of materials exempted per Section 70917(c) of P. L. 117-58, earth materials, processed aggregates, asphalt, concrete, fuel, lubricant, equipment repair parts, etc. in the total material costs of the project.

**PREDOMINANTLY STEEL OR IRON PRODUCTS.** Products and materials where the cost of the iron and steel, or a combination of both, exceeds 50 percent of the total cost of all its components. The cost of iron and steel is the cost of the iron or 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.

To be classified as domestic, all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.

**Iron and Steel minimal use:**

All predominately steel and iron, or a combination of both, products incorporated into the work, shall be manufactured in the United States except that minor amounts of steel and iron products of foreign 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, or \$2,500, whichever is greater. For the purposes of this paragraph, the cost is the value of the

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products as they are delivered to the project, including shipping.

**CONSTRUCTION MATERIALS.** The following list contains the categories of construction materials, and the requirements for domestic origin. Construction materials are an article, material, or supply that is:

1. **Non-ferrous metals.** All manufacturing processes, from initial smelting or melting through final shaping, coating, and assembly, occurred in the United States.
2. **Plastic and Polymer-based products.** 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.
3. **Glass.** All manufacturing processes, from initial batching and melting of raw materials through annealing, cooling, and cutting, occurred in the United States.
4. **Fiber Optic 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.
5. **Optical Fiber.** All manufacturing processes, from the initial preform fabrication stage through the completion of the draw, occurred in the United States.
6. **Lumber.** All manufacturing processes, from initial debarking through treatment and planing, occurred in the United States.
7. **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.
8. **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 one construction material contains as inputs 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.

**MANUFACTURED PRODUCTS.** 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.

If an item is classified as an iron or steel product, a construction material, or an exempted material per Section 70917(c) of P. L. 117-58 then it is not a manufactured product.

An article, material, or supply classified as a manufactured product may include components that are construction materials, iron or steel products, or an exempted material per Section 70917(c) of P. L. 117-58.

Replace Subsection 106-1.05 with the following:

**106-1.05 CERTIFICATES OF COMPLIANCE.** A certificate of compliance must meet one of the following:

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

Electronic submittals that are submitted by email from the Contractor's email account are considered signed by the Contractor.

The Contractor shall submit additional certificates of compliance or test data if required by the Contract or by the Engineer. The Engineer may refuse permission to incorporate materials or products into the project based on a certificate of compliance that does not meet the Contract requirements.

HSM20.7A-23.1114

## SECTION 107

### LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC

**107-1.04 WAGE RATES.** Add the following after the first sentence of the second paragraph: Provide a copy of the Department of Labor Notice of Work (NOW) or receipt of payment prior to the start of any physical work. (01/01/05)PARKS-Special Provision

### **107-1.11 PROTECTION AND RESTORATION OF PROPERTY AND LANDSCAPE.**

Under Item 7. Protected areas, add the following: Construction equipment will not be allowed on land outside the project limits of the proposed developments without the approval of the Engineer. Any structures or camps required by the Contractor shall be established within the project limits, unless otherwise approved by the Engineer. (1/09/09)AML-Special Provision

If more than 500 gallons per day of water is required for any construction purpose from a non-municipal water source, obtain a Temporary Water Use Permit from the Water Resource Manager, and provide a copy to the Engineer. The Water Resource Manager is with the Department of Natural Resources in Anchorage and may be contacted at (907) 269-8645. (02/05/10)AML Special Provision

Any maintenance or upkeep of the haul roads, including water for dust control, shall be the Contractor's responsibility. Upon completion of hauling over a roadway it shall be left in as good or better condition than prior to commencing of hauling operations. (01/01/01)PARKS-Special Provision

All clearing and/or grubbing activities shall take place outside of the Migratory Bird Treaty Act (MBTA) window as determined by the U.S. Fish and Wildlife Service (FWS) under the website publication for the construction year:

<https://www.fws.gov/alaska-bird-nesting-season>  
(06/30/98)PARKS-Special Provision

Add the following:

Eagles. Eagles are protected under 16 U.S.C. 668-668c Protection of Bald and Golden Eagles, that prohibits "takes" of eagles, their eggs, nests, or any part of the bird. The Act defines "taking" as "to pursue, shoot, shoot at, poison, wound, kill, capture, trap, collect, molest, or disturb."

Maintain a Primary Zone of minimum 330 feet as an undisturbed habitat buffer around nesting eagles. If topography or vegetation does not provide an adequate screen or separation, extend the buffer to 1,320 feet, or a sufficient distance to screen the nest from

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human activities. The actual distance will depend on site conditions and the individual eagle's tolerance for human activity. Within the Secondary Zone, between 330 feet and 660 feet from a nest tree, no obtrusive facilities, or major habitat modifications shall occur. If nesting occurs in sparse stands of trees, treeless areas, or where activities would occur within line-of-site of the nest, extend the buffer up to 2,640 feet. No blasting, logging and other noisy, disturbing activities should occur during the nesting period (February 1 – August 31) within the primary or secondary zones.

Do not disturb a nesting eagle. Notify the Engineer when an active eagle nest is within the primary or secondary zones. (10/01/18)CR107.1-Special Provision

Add the following Subsection:

**107-1.21 FEDERAL AFFIRMATIVE ACTION.** Affirmative steps must be taken to comply with Federal Equal Employment Opportunity (EEO) and Disadvantaged Business Enterprise (DBE) requirements as applicable to this Contract. The Alaska Department of Transportation and Public Facilities maintains a list of registered DBEs and may be contacted at (907) 269-0851 to obtain a copy of that list. Exercise good faith effort to comply with affirmative action requirements and make all documentation available to the Engineer upon request. (03/09/17)PARKS-Special Provision

## SECTION 108

### PROSECUTION AND PROGRESS

**108-1.01 SUBLETTING OF CONTRACT.** Delete paragraph one and replace with the following: The Contractor shall submit a Contractor Self Certification for Subcontractors and Lower Tier Subcontractors, Form 25D-042, before the Contractor or any subcontractor sublets, sells, transfers, assigns, or otherwise disposes of the Contract or any portion of the Contract. The Department has authority to review subcontracts and to deny permission to sublet work. The Department may penalize the Contractor for false statements or omissions made in connection with Form 25D-042.

Delete paragraph four and replace with the following:

1. The Contractor shall ensure that for all subcontracts (agreements):

- a. The Department is furnished with one completed Contractor Self certification, Form 25D-042, for each subcontract;
- b. The required prompt payment provisions of AS 36.90.210, as well as other items listed in Form 25D-042, are included in the subcontracts;
- c. The subcontractors pay current prevailing rate of wages as per Subsection 107-1.04 and file certified payrolls with the Engineer and DOLWD for all work performed on the project; and
- d. Upon receipt of a request for more information regarding subcontracts, the requested information is provided to the Department within 5 calendar days.

(05/02/11)PARKS-Special Provision

**108-1.02 NOTICE TO PROCEED.** Add the following: The Contractor may request a Limited Notice to Proceed after the Award has been made, to allow ordering long lead materials which would cause delays in project completion. However, granting is within the sole discretion of the Contracting Officer, and refusal or failure to grant a Limited Notice to Proceed shall not be a basis for claiming for delay, extension of time, or alteration of price.

Notice to Proceed will not be issued prior to July 15, 2026. (2-10-10)AML-Special Provision

### **108-1.06 CONTRACT TIME, EXTENSION OF CONTRACT TIME AND SUSPENSION OF WORK.**

Replace item 2. Completion Date. with the following:

2. Completion Date. All work under the Contract shall be completed by August 15, 2026.

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## SECTION 109

### MEASUREMENT AND PAYMENT

#### 109-1.01 GENERAL

Replace the 2<sup>nd</sup> paragraph with the following:

When more than one type of material or work is specified for a pay item, the proposal line number, and the description are used to differentiate the material or work. (01/01/2020)CR109.4-Special Provision

#### 109-1.02 MEASUREMENT OF QUANTITIES.

Add the following:

14. Hour. Measured items by the hour shall be full payment for the work described in the contract including labor, equipment, and operating costs of the equipment. Items to be measured by the hour will be recorded to the nearest quarter-hour by the Engineer. The measurement shall start when the required equipment & operator, surveyor, or survey party begins work at the specified location as directed by the Engineer. The measurement will stop when the required work is accomplished, when the equipment fails, when directed to stop work by the Engineer, or when the operator stops work. Times will be reconciled with the Contractor on a daily basis.

(02/23/15)PARKS-Special Provision

#### 109-1.05 COMPENSATION FOR EXTRA WORK ON TIME AND MATERIALS BASIS.

Under item 3. Equipment, subitem a. Hourly Rental Rate, add the following to the second paragraph: The rental rate area adjustment factors for this project shall be as specified on the adjustment maps for the Alaska-Central. (04/31/05)R14-Special Provision

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

On federally funded projects, if the Department of Labor and Workforce Development 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. (11/30/2020)HSM20-3-Standard Modification

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## SECTION 201

### CLEARING AND GRUBBING

**201-1.01 DESCRIPTION.** Replace the entire Subsection with the following: Clear and grub. Remove all vegetation and debris per template within access and excavation areas and stockpile at locations designated by the Engineer within the project limits. Preserve from injury all vegetation and objects designated to remain. (03/16/22) AML Special Provision

**201-3.01 GENERAL.** Add the following: All clearing and grubbing activities shall abide by the Migratory Bird Treaty Act (MBTA). (09/15/08) PARKS-Special Provision

Add the following: The Contractor shall perform the work necessary to preserve and/or restore land monuments and property corners from damage. A land monument or property corner that is disturbed shall be restored according to Section 642 at the Contractor's expense. An undisturbed area 5 feet in diameter may be left around existing monuments and property corners. Temporary survey stakes, tie points, and other control points damaged or destroyed by earthwork shall be replaced by new control points located outside disturbance zones at Contractor's expense. Consult with the Engineer to determine the locations and coordinates of any Survey marks. (06/10/04)R107-Special Provision; (02/07/22) AML Special Provision

**201-3.06 DISPOSAL.** Replace the entire Subsection with the following: Dispose of all vegetation and debris removed by clearing or grubbing at locations shown on the Plans or otherwise approved by the Engineer. No burial or burning will be allowed.

Add the following Subsection:

**201-3.07 SALVAGE SOIL AND ORGANICS.** Replace the first paragraph with the following: Remove and salvage all stumps, roots, moss, grass, turf, debris, other ground cover, and soils to a depth of up to 1 foot below grade, from designated areas within the project limits.

Stockpile all salvaged organic materials within areas designated by the Engineer.  
(03/16/22) AML Special Provision

**201-4.01 METHOD OF MEASUREMENT.** Add the following: Removal of branches for vertical clearance in accordance with Subsection 201-3.02 will not be measured directly for payment but will be considered subsidiary to work in this Section.  
(01/01/01)PARKS-Special Provision

Measurement includes approved stockpile and processing areas. (03-05-20) AML Special Provision

### 201-5.01 BASIS OF PAYMENT.

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Add the following:

Payment will be made under:

<b>Pay Item</b>		
<b>Item Number</b>	<b>Item Description</b>	<b>Unit</b>
201.0003.0000	Clearing and Grubbing	Acre

(02/13/26) AML Special Provision

## SECTION 203

### EXCAVATION AND EMBANKMENT

**203-2.01 MATERIALS.** Add the following: Borrow from designated sources may be required to embank portions of the roadway where existing course material is insufficient, per Section 203-3.01, paragraph 9.

Replace Item 3 with the following:

3. Borrow. Approved material for embankments or for other portions of the work and obtained from sources within or outside the project limits that meets requirements of Section 304-2.01 for Subbase.

(02/19/26)AML Special Provision

#### **203-3.01 GENERAL.**

Replace the second sentence of the third paragraph with the following: Prevent disturbing material and vegetation outside of designated grading, borrow site, or access limits.  
(03/16/22)AML Special Provision

Replace the first sentence of the tenth paragraph with the following: Placing and compacting selected material acquired from usable excavation is included in the scope of work of the excavation item. (02/17/26)PARKS-Special Provision

Add the following: Excavation shall be measured in original or final position by ground surveys, neatline measurements, or other method per prior review and approval of the Project Engineer. (03/16/22)AML Special Provision

#### **203-3.03 EMBANKMENT CONSTRUCTION.**

Add the following to the first paragraph: All materials used for embankment construction of designated fill areas must meet minimum compaction requirements, per 203-3.06.  
(02/17/26)AML-Special Provision

Eliminate paragraph four in its entirety.

Replace the first sentence of the tenth paragraph with the following: Place embankment materials in horizontal layers not to exceed 12 inches uncompacted. Compact to specification before additional material is placed. (03/16/22)AML Special Provision

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Replace paragraph twelve with the following: Rocks too large to be embanked, as specified in paragraph eleven, shall be stockpiled for future use. Useable unclassified excavation materials shall not be wasted. (03/16/22)AML Special Provision

Add the following: Native gravels from road cut to be placed on downhill slope and graded into center pit lake.

Eliminate subsection 203-3.05 and substitute the following:

**203-3.06 COMPACTION.** Construct embankments with specified material placed and compacted until embankment does not rut under loaded hauling equipment. Do not cover any lift with additional material until the required compaction has been completed, or to the satisfaction of the project engineer. (11/05/19)AML-Special Provision

**203-5.01 BASIS OF PAYMENT.** Add the following:

The cost for placing and compacting selected material acquired from unclassified excavation shall be included in the contract unit price for the excavation items. Material paid for as excavation will not be paid for again as selected material. (01/01/01)PARKS-Special Provision

Payment will be made under:

Pay Item		
Item Number	Item Description	Unit
203.0003.0000	Unclassified Excavation	CY

(02/1/2014)PARKS-Special Provision

## SECTION 302

### SUBGRADE MODIFICATION

**302-3.01 PROCESSING.** Replace the entire Subsection with the following: Blade to required grade and smooth road surfaces within the work areas shown on the Plans. First remove and dispose of weeds, sod, grass, roots, or other objectionable material from the surface. Grade roadsides ditches and shoulders as needed to conform to template. Material excavated from roadsides for placement on road surface shall use materials that conform to Subbase material defined in Section 304-2.01. Spread the material obtained from surface grading uniformly over the roadbed to fill low spots.

Grade to establish finish grades to typical section shown on the Plans. Compact road surface in conformance with Subsection 203-3.06.

Provide additional embankment material from a designated material source should existing material be insufficient to establish finished grade, per Section 203-3.01, paragraph 9.  
(02/17/26)AML Special Provision

**302-3.02 FINISHING.** Replace the entire Subsection with the following: Smooth all regraded road surfaces. Finish evenly so that final grades shall have uniform slopes, with positive drainage off the road prism. Compact all finished surfaces as specified in Section 203-3.06.

**302-4.01 METHOD OF MEASUREMENT.** Replace the entire Subsection with the following: Section 109 and the following:

Additional aggregate required for subgrade modification is measured in accordance with Section 203.

Processing for subgrade modification is measured by station for full roadway width of sections completed as measured along centerline.

**302-5.01 BASIS OF PAYMENT.** Replace the entire Subsection with the following: The contract price for processing includes all work described in 302-3.01 and 302-3.02, including finishing and maintenance of the completed surface. Water required for compaction and maintenance is subsidiary.

Payment will be made under:

#### PAY ITEM

Item Number	Item Description	Unit
302.0003.0000	Processing for Subgrade Modification	Station

(02/17/26)AML Special Provision

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**SECTION 304**

**SUBBASE**

**304-1.01 DESCRIPTION.** Replace this subsection with the following: Construct a Subbase course on an approved foundation, as shown on the Plans.

**304-2.01 MATERIALS.** Replace this subsection with the following:

Subbase material shall consist of non-cohesive native gravels containing no muck, frozen material, roots, sod or other deleterious matter and containing no more than 8% passing the no. 200 mesh as tested by ASTM C136

**304-3.01 CONSTRUCTION REQUIREMENTS.** Replace with the following: Place and compact Subbase material to meet the requirements of Subsection 203-3.06

Delete second paragraph.

**304-4.01 METHOD OF MEASUREMENT.** See Section 109. Item 304.0002.0000 is measured in place.

**304-5.01 BASIS OF PAYMENT.** Water for compaction added to the Subbase on the grade, is subsidiary.

Payment will be made under:

**PAY ITEM**

<b>Item Number</b>	<b>Item Description</b>	<b>Unit</b>
304.0002.0000	Subbase, Grading _____	CY

(02/13/26) AML Special Provision

**SECTION 506**

**TIMBER STRUCTURES**

**506-1.01 DESCRIPTION.** Construct timber structures and the timber portions of composite structures. Furnish, prepare, fabricate, erect, treat and/or paint timber and hardware, as specified.

**506-2.01 MATERIALS.** Use materials that conform to the following:

Timber	Section 713
Preservatives for Timber	Section 714
Structural Shapes, Rods, and Plates	Section 716

**506-5.01 BASIS OF PAYMENT.** Mastic sealer and hardware are subsidiary.

Payment will be made under:

**PAY ITEM**

<b>Item Number</b>	<b>Item Description</b>	<b>Unit</b>
506.0005.0000	Treated Timber Bull Rail Replacement	LS

(02/13/26) AML Special Provision

**SECTION 603**

**Culverts and Storm Drains**

**603-3.01 GENERAL.** Excavation, bedding, and backfill must conform to the requirements of Subsections 203, and the details on the Plans.

**603-5.01 BASIS OF PAYMENT.** Coupling bands and other items necessary for the proper joining of the sections are subsidiary.

Excavation, bedding, and backfill are paid for under Section 203.

Payment will be made under:

**PAY ITEM**

<b>Item Number</b>	<b>Item Description</b>	<b>Unit</b>
603.0001.0000	CSP, 18 Inch	LF

(02/17/26)AML Special Provision

**SECTION 611**

**RIPRAP**

**611-1.01 DESCRIPTION.** Replace this subsection with the following: Construct riprap channel and slope protection for the bridge crossing embankment as shown in the plans.

**611-2.01 MATERIALS.** Replace this section with the following:

Use evenly graded stones that are hard, angular, and have no more than 50 percent wear at 500 revolutions as determined by AASHTO T 96. Use stones with breadth and thickness at least 1/4 of its length. Percentages are by total weight.

CLASS I      0-50% WEIGHING UP TO 25 POUNDS  
                  0-10% WEIGHING MORE THAN 50 POUNDS

**611-5.01 BASIS OF PAYMENT.** Excavation and backfill are subsidiary.

Payment will be made under:

**PAY ITEM**

<b>Item Number</b>	<b>Item Description</b>	<b>Unit</b>
611.0001.0000	Riprap, Class I	CY

(02/13/26)AML-Special Provision

## SECTION 640

### MOBILIZATION AND DEMOBILIZATION

**640-1.01 DESCRIPTION.** Add the following: Areas along Healy Creek road may require improvement to allow vehicle and heavy equipment access to the project site. The unpaved road portion extends approximately 15 miles from Healy power plant to the project site. It is the contractor's responsibility to make any necessary improvements, and to maintain access to the project site during project construction. Any work associated with access road repair and/or maintenance will be subsidiary to 640(1). Maintenance of bridge structures is not included, however any damage incurred is the Contractor's responsibility.  
(02/04/19)AML-Special Provision

**640-4.01 METHOD OF MEASUREMENT.** Replace Item 4 with the following:

4. Progress payments for Worker Meals and Lodging, or Per Diem will be subsidiary to 640(1) Mobilization and Demobilization.

#### **640-5.01 BASIS OF PAYMENT.**

Payment will be made under:

#### **PAY ITEM**

<b>Item Number</b>	<b>Item Description</b>	<b>Unit</b>
640.0001.0000	Mobilization and Demobilization	LS

## SECTION 641

### EROSION, SEDIMENT, AND POLLUTION CONTROL

**641-1.01 DESCRIPTION.** Provide project administration and work relating to control of erosion, sedimentation, and discharge of pollutants, according to this section and applicable local, state, and federal requirements, including the Alaska Construction General Permit.

**641-1.02 DEFINITIONS.** These definitions apply only to Section 641.

**Alaska Certified Erosion and Sediment Control Lead (AK-CESCL).** A person who has completed training, testing, and other requirements of, and is currently certified as, an AK-CESCL from an AK-CESCL Training Program (a program developed under a Memorandum of Understanding between the Department and others). The Department recognizes AK-CESCLs as “qualified personnel” required by the ACGP. An AK-CESCL must be recertified every three years.

**Alaska Construction General Permit (ACGP).** The permit authorizing storm water discharges from Construction Activities, issued and enforced by ADEC. It authorizes storm water discharges provided permit conditions and water quality standards are met.

**Alaska Department of Environmental Conservation (ADEC).** The state agency authorized by EPA to administer the Clean Water Act’s National Pollutant Discharge Elimination System.

**Alaska Pollutant Discharge Elimination System (APDES).** A system administered by ADEC that issues and tracks permits for storm water discharges.

**Best Management Practices (BMPs).** Temporary or permanent structural and non-structural devices, schedules of activities, prohibition of practices, maintenance procedures, and other management practices to prevent or minimize the discharge of pollutants to waters of the United States. BMPs also include, but are not limited to, treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from material storage.

**Clean Water Act (CWA).** Federal Water Pollution Control Amendments of 1972, as amended (33 U.S.C. 1251 et seq.).

**Construction Activity.** Physical activity by the Contractor, Subcontractor or utility company; that may result in erosion, sedimentation, or a discharge of pollutants into storm water. Construction Activity includes soil disturbing activities (e.g. clearing, grubbing, grading, excavating); and construction materials or equipment storage or maintenance (e.g.

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material piles, borrow area, concrete truck chute washdown, fueling); and other industrial storm water directly related to the construction process (e.g. concrete or asphalt batch plants).

**Corp of Project Engineers Permit (COE Permit).** A U.S. Army Corp of Project Engineers Permit for construction in waters of the US. Such permit may be issued under Section 10 of the Rivers and Harbors Act of 1899, or Section 404 of the Clean Water Act.

**Electronic Notice of Intent (eNOI).** The electronic Notice of Intent submitted to ADEC, to obtain coverage under the ACGP.

**Electronic Notice of Termination (eNOT).** The electronic Notice of Termination submitted to ADEC, to end coverage under the ACGP.

**Environmental Protection Agency (EPA).** A federal agency charged to protect human health and the environment.

**Erosion and Sediment Control Plan (ESCP).** The Department's project specific document that illustrates measures to control erosion and sediment on the project. The ESCP provides bidders with the basis for cost estimating and guidance for developing an acceptable Storm Water Pollutant Prevention Plan (SWPPP).

**Final Stabilization.** Is defined in this section as it is defined in the ACGP.

**Hazardous Material Control Plan (HMCP).** The Contractor's detailed project specific plan for prevention of pollution from storage, use, transfer, containment, cleanup, and disposal of hazardous material (including, but are not limited to, petroleum products related to construction activities and equipment). The HMCP is included as an appendix to the contractor modified SWPPP.

**Inspection.** An inspection required by the ACGP or the SWPPP, usually performed together by the Contractor's SWPPP Manager and Department's Project Engineer.

**Multi-Sector General Permit (MSGP).** The Alaska Pollutant Discharge Elimination System General Permit for storm water discharges associated with industrial activity.

**Operator(s).** The party or co-parties associated with a regulated activity that has responsibility to obtain permit coverage under the ACGP. "Operator" for the purpose of the ACGP and in the context of storm water associated with construction activity, means any party associated with a construction project that meets either of the following two criteria:

1. The party has operational control over construction plans and specifications, including the ability to make modifications to those plans and specifications; or

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2. The party has day to day operational control of those activities at a project which are necessary to ensure compliance with a SWPPP for the site or other permit conditions (e.g. they are authorized to direct workers at a site to carry out activities required by the SWPPP or comply with other permit conditions).

**Pollutant.** Any substance or item meeting the definition of pollutant contained in 40 CFR § 122.2. A partial listing from this definition includes: dredged spoil, solid waste, sewage, garbage, sewage sludge, chemical wastes, biological materials, wrecked or discarded equipment, rock, sand, cellar dirt and industrial or municipal waste.

**Project Area.** The physical area provided by the Department for Construction. The Project Zone includes the area of the facility under construction, project staging and equipment areas, and material and disposal sites; when those areas, routes and sites, are provided by the Department by the Contract and are directly related to the Contract.

Support Activities including material sites, material processing sites, disposal sites, haul routes, staging and equipment storage areas; that are furnished by the Contractor or a commercial operator, are not included in the Project Area.

**Records.** Any record, report, information, document, or photograph required to be created or maintained pursuant to the requirements of the ACGP, the ACGP storm water requirements of the Clean Water Act; and applicable local, state, and federal laws and regulations regarding document preservation.

**Spill Prevention, Control, and Countermeasure Plan (SPCC Plan).** The Contractor's detailed plan for petroleum spill prevention and control measures that meet the requirements of 40 CFR 112. The SPCC plan is included as an appendix to the HMCP.

**Spill Response Field Representative.** The Contractor's representative with authority and responsibility for managing, implementing, and executing the HMCP and SPCC Plan.

**Storm Event.** A rainfall event that produces more than 0.5 inch of precipitation in 24 hours and that is separated from the previous storm event by at least 3 days of dry weather.

**Storm Water Pollution Prevention Plan (SWPPP).** The Contractor's detailed project specific plan to minimize erosion and contain sediment within the Project Zone, and to prevent discharge of pollutants that exceed applicable water quality standards. The SWPPP includes, but is not limited to, amendments, records of activities, inspection schedules and reports, qualifications of key personnel, and all other documentation, required by the ACGP and this specification, and other applicable local, state, and federal laws and regulations.

**Storm Water Lead.** The Contractor's qualified representative who conducts Inspections and has authority to suspend work and to implement corrective actions required for CGP

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compliance.

**Storm Water Pollution Prevention Plan Two (SWPPP2).** The Contractor's detailed project specific plan to comply with ACGP or MSGP requirements, for Contractor construction-related Support Activities outside the Project Zone.

**Subcontractor Spill Response Coordinator.** The subcontractor's representative with authority and responsibility for coordinating the subcontractor's activities in compliance with the HMCP and SPCC Plan.

**Subcontractor SWPPP Coordinator.** The subcontractor's representative with authority to direct the subcontractor's work, and who is responsible for coordination with the Superintendent and SWPPP Manager, and for the subcontractor's compliance with the SWPPP.

**Superintendent.** The Superintendent has responsibility and authority for the overall operation of the Project and for Contractor furnished sites and facilities directly related to the Project.

**Support Activities.** See ADEC CGP definition. Further defined as construction activities in which the Department is not an operator and the activity is outside the Project Area.

**SWPPP Amendment.** A revision or document that adds to, deletes from, or modifies the SWPPP.

**SWPPP Manager.** The Contractor's qualified representative who conducts Inspections, updates SWPPP records, and has authority to suspend work and to implement corrective actions required for ACGP compliance.

**SWPPP Preparer.** The Contractor's qualified representative who is responsible for developing the initial SWPPP.

**Utility Spill Response Coordinator.** The Utility's representative with authority and responsibility for coordinating the Utility's activities in compliance with the HMCP and SPCC Plan.

**Utility SWPPP Coordinator.** The Utility's representative with authority to direct the Utility's work, and who is responsible for coordination with the Superintendent and SWPPP Manager, and for the Utility's compliance with the SWPPP.

#### **641-1.03 PLAN AND PERMIT SUBMITTALS.**

For plans listed in Subsection 108-1.03.5 (SWPPP and HMCP) use the Contractor submission and Department review deadlines identified in Subsection 641-1.03.

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Partial and incomplete submittals will not be accepted for review. Any submittal that is re-submitted or revised after submission, but before the review is completed, will restart the submittal review timeline. No additional Contract time or additional compensation will be allowed due to delays caused by partial or incomplete submittals, or required re-submittals.

1. Storm Water Pollution Prevention Plan. Submit one hard copy of the SWPPP to the Project Engineer for approval. Deliver this document to the Project Engineer at least 21 days before beginning Construction Activity. Organize and bind the SWPPP and related documents for submittal according to the requirements of Subsection 641-2.01.2.

The Department will review the SWPPP submittals within 14 days after they are received. Submittals will be returned to the Contractor, and marked as either “rejected” with reasons listed or as “approved” by the Department. When the submittal is rejected, the Contractor must revise and resubmit the SWPPP. The 14 day review period will restart when the contractor submits one hard copy of the revised SWPPP to the Project Engineer for approval.

Once the SWPPP is approved by the Department, submit two complete copies of the SWPPP to the Project Engineer.

2. Hazardous Material Control Plan. Submit the HMCP, as an appendix to the SWPPP, to the Project Engineer for approval. The HMCP submittal and review timeline, and signature requirements are the same as the SWPPP.
3. Spill Prevention, Control and Countermeasure Plan. When a SPCC Plan is required under Subsection 641-2.03, submit two signed hard copies of the SPCC Plan to the Project Engineer. Deliver these documents to the Project Engineer at least 21 days before beginning Construction Activity. The Department reserves the right to review the SPCC Plan and require modifications.
4. ACGP Coverage. The Contractor is responsible for permitting of Contractor and subcontractor Construction Activities related to the Project. The Contractor cannot use the SWPPP for Support Activities outside the Project Area where the Department is not an operator.

After Department approval of the SWPPP and prior to beginning Construction Activity, submit an eNOI with the required fee to ADEC for coverage under the Construction General Permit (ACGP). Submit a copy of the signed eNOI and ADEC’s acknowledgement letter to the Project Engineer when the eNOI is submitted to ADEC. Do not begin Construction Activity until the conditions listed in Subsection 641-3.01.1 are completed.

The Department will submit an eNOI to ADEC for Construction Activities inside the

Project Area. The Project Engineer will provide the Contractor with a copy of the Department's eNOI and ADEC's acknowledgment letter, for inclusion in the SWPPP.

5. Ending ACGP Coverage. Submit an eNOT to ADEC, and submit both a copy of the signed eNOT and ADEC's acknowledgment letter to the Department, within 30 days after the Project Engineer has determined the conditions listed in Subsection 641-3.01.6 have been met.
6. ADEC SWPPP Review. When ACGP, Part 2.1.3 - requires ADEC SWPPP review:
  - a. Transmit a copy of the Department-approved SWPPP to ADEC using delivery receipt confirmation;
  - b. Transmit a copy of the delivery receipt confirmation to the Project Engineer within seven days of receiving the confirmation; and
  - c. Retain a copy of delivery receipt confirmation in the SWPPP.
7. Local Government SWPPP Review. When local government or the ACGP Part 2.1.4 requires local government review:
  - a. Transmit a copy of the Department-approved SWPPP and other information, as required, to local government, with the required fee using delivery receipt confirmation;
  - b. Transmit a copy of the delivery receipt confirmation to the Project Engineer within seven days of receiving the confirmation;
  - c. Transmit a copy of any comments by the local government to the Project Engineer within seven days of receipt;
  - d. Amend the SWPPP as necessary to address local government comments and transmit SWPPP Amendments to the Project Engineer within seven days of receipt of the comments;
  - e. Include a copy of local government SWPPP review letter in the SWPPP; and
  - f. Before ending permit coverage file a project ending notification with local government and allow them to inspect the work.
8. Modifying Contractor's eNOI. When required by The ACGP Part 2.7, modify your eNOI to update or correct the information. Reasons for modification include change to the start or end dates, small changes in number of acres to be disturbed, change in decision to use or not use treatment chemicals, or changed location of SWPPP Records.  
The Contractor must submit an eNOT and then submit a new eNOI instead of an eNOI modification when: the operator has changed, the original eNOI indicates disturbed area less than five acres and the project will disturb more than five acres, or a project over five disturbed acres grows by more than 50%.

**641-1.04 PERSONNEL QUALIFICATIONS.** The SWPPP Preparer must meet at least one of the following qualifications:.

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- a. Current certification as a Certified Professional in Erosion and Sediment Control (CPESC);
- b. Current certification as AK-CESCL, and at least two years experience in erosion and sediment control, as a Storm Water Lead or SWPPP writer, or equivalent. Provide documentation including project names, project timelines, and work responsibilities demonstrating the experience requirement; or
- c. Professional Engineer registered in the State of Alaska with current certification as AK-CESCL.

For Projects disturbing more than 20 acres, the SWPPP Preparer is recommended to complete a Department-approved SWPPP Preparation course.

The Superintendent must meet the following qualifications:

- a. Current certification as AK-CESCL; and
- b. Duly authorized representative, as defined in the ACGP, Appendix A, Part 1.12.3

The Storm Water Lead must have current certification as AK-CESCL, and be knowledgeable in requirements of that position as defined in the ACGP, Appendix C, Qualified Person.

The Active Treatment System (ATS) operator must have current certification as AK-CESCL, and be knowledgeable in the principals and practices of treatment systems in general, and the operation of the project-specific ATS. The ATS operator must have at least three months field experience with ATS, or completion of an ATS manufacturer's training course, or completion of system operator's certification course.

The Department accepts people having any of the following certificates as equivalent to AK-CESCL, if the certificates are current according to the sponsoring organization's policies:

- a. CPESC, Certified Professional in Erosion and Sediment Control; or
- b. CISEC, Certified Inspector in Sediment and Erosion Control

**641-1.05 SIGNATURE/CERTIFICATION REQUIREMENTS AND DELEGATIONS.**

1. eNOI and eNOT. The eNOI and eNOT must be signed and certified by a responsible corporate officer according to ACGP Appendix A, Part 1.12.2. Signature and certification authority for the eNOI and eNOT cannot be delegated.
2. Delegation of Signature Authority for Other SWPPP Documents and Reports. Use Form 25D-108 to delegate signature authority and certification authority to the Superintendent position, according to ACGP Appendix A, Part 1.12.3, for the SWPPP, Inspection Reports and other reports required by the ACGP. The Project Engineer will provide the Department's delegation Form 25D-107, which the Contractor must include in the SWPPP.

3. Subcontractor Certification. Subcontractors must certify that they have read and will abide by the ACGP and the conditions of the project SWPPP.

#### **641-1.06 RESPONSIBILITY FOR STORM WATER PERMIT COVERAGE.**

1. The Department and the Contractor are jointly responsible for permitting and permit compliance within the Project Zone.
2. The Contractor is responsible for permitting and permit compliance outside the Project Zone. The Contractor has sole responsibility for compliance with ADEC and other applicable federal, state, and local requirements, and for securing all necessary clearances, rights, and permits. Subsection 107-1.02 describes the requirement to obtain permits, and to provide permit documents to the Project Engineer.
3. An entity that owns or operates, a commercial plant (as defined in Subsection 108-1.01.3) or material source or disposal site outside the Project Zone, is responsible for permitting and permit compliance. The Contractor has sole responsibility to verify that the entity has appropriate permit coverage. Subsection 107-1.02 describes the requirement to obtain permits, and to provide permit documents to the Project Engineer.
4. The Department is not responsible for permitting or permit compliance, and is not liable for fines resulting from noncompliance with permit conditions:
  - a. For areas or Support Activities outside the Project Area;
  - b. For commercial plants, commercial material sources, and commercial disposal sites.

**641-1.07 UTILITY RELOCATION COVERAGE.** A Utility company is not an Operator when utility relocation is performed concurrently with the Project, as outlined in Section 105-1.06. The Department maintains operational control over the Utility's plans and specifications for coordination with project construction elements, and the Contractor has day-to-day control over the various utility construction activities that occur in support of the Project. A Utility company is considered a subcontractor for concurrent relocation.

After the Contractor has an active NOI for the Project, a Utility Company performing advance relocation work under a separate SWPPP no longer has Operator status and files the NOT for the Utility Company's SWPPP covering only the completed utility work. Remaining utility relocation work is included in and performed under the Project SWPPP.

#### **641-2.01 STORM WATER POLLUTION PREVENTION PLAN (SWPPP) REQUIREMENTS.**

1. SWPPP Preparer and Pre-Construction Site Visit. Use a SWPPP Preparer to develop

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the SWPPP and associated documents, according to the requirements of the ACGP. The SWPPP Preparer must put their name, qualifications (including the expiration date of any certifications), title and company name in the SWPPP.

The SWPPP Preparer must conduct a pre-construction inspection at the Project site before construction activity begins. If the SWPPP Preparer is not a Contractor employee, the SWPPP Preparer must visit the site accompanied by the Contractor. Give the Department at least seven days notice of the site visit, so that the Department may participate.

During the pre-construction inspection, the SWPPP Preparer must identify, or if a draft of the SWPPP has already been prepared verify that the SWPPP fully addresses and describes:

- a. Opportunities to phase construction activities;
- b. Appropriate BMPs and their sequencing; and
- c. Sediment controls that must be installed prior to beginning Construction Activities.

Document the SWPPP Preparer's pre-construction inspection in the SWPPP on Form 25D-106, SWPPP Pre-Construction Site Visit, including the names of attendees and the date.

2. Developing the SWPPP. Use the Department's ESCP and other Contract documents as a starting point for developing the SWPPP. The approved SWPPP replaces the ESCP.

Develop the SWPPP framework according to the ADNR SWPPP template with additional information as required. Include information required by the ACGP, Part 5, and this specification.

When using the ADNR SWPPP template:

The following appendices can found on the ADNR D&C website:

<http://dnr.alaska.gov/parks/designconstruct/swppp.htm>

Include the following appendices:

- Appendix A– Site Maps and Drawings
- Appendix B– BMP Details
- Appendix C– Project Schedule
- Appendix D– Supporting Documentation: TMDLs, Endangered Species, & Project Permits
- Appendix E– Certifications and Delegation of Authority

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- Appendix F– Subcontractor Certifications
- Appendix G– Permit Conditions: Copy of Signed Notice of Intent (Include both Department's and Contractor's), Confirmation of Delivery of NOI to ADEC (Include both Department's and Contractor's), Copy of Letter from ADEC Authorizing Coverage with ADEC NOI Tracking Number (Include both Department's and Contractor's), and Copy of 2011 Alaska Construction General Permit
- Appendix H– Personnel Qualifications and Training Certificates for:
  - SWPPP Preparer
  - SWPPP Manager/Inspector
  - Contractor's ATS Operator
  - Qualified personnel must be described in a list with names and dates in positions
- Appendix I– SWPPP Pre-Construction Site Visit
- Appendix J– Amendment Log
- Appendix K– Corrective Action Log
- Appendix L– Grading and Stabilization Records
- Appendix M– Hazardous Material Control Plan
- Appendix N– Training Log
- Appendix O– Rainfall Record
- Appendix P– Inspection Reports
- Appendix Q– Delayed Action Item Report
- Appendix R– Project Staff Tracking Form
- Appendix S– Monitoring Plan (If applicable) and Reports

Obtain the following forms after they have been completed by the Department and include them in the SWPPP:

- SWPPP Delegation of Signature Authority – ADNR (25D-107)
- SWPPP Certification for ADNR (25D-109)

Use the following Department forms for recording information in the SWPPP:

- SWPPP Amendment Log (25D-114)
- SWPPP Certification for Contractor (25D-111)
- SWPPP Construction Site Inspection Report (25D-100)
- SWPPP Corrective Action Log (25D-112)
- SWPPP Daily Record of Rainfall (25D-115)
- SWPPP Delegation of Signature Authority – Contractor (25D-108)
- SWPPP Grading and Stabilization Activities Log (25D-110)
- SWPPP Pre-Construction Site Visit (25D-106)
- SWPPP Project Staff Tracking (25D-127)
- SWPPP Subcontractor Certification (25D-105)

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- SWPPP Training Log (25D-125)

SWPPP Forms are at: <http://dnr.alaska.gov/parks/designconstruct/swppp.htm>  
Compile the SWPPP in three ring binders with tabbed and labeled dividers for each section and appendix.

### 3. SWPPP Considerations and Contents.

The SWPPP must provide erosion and sediment control measures for all Construction Activity within the Project Area. Support Activities outside the Project Area must have permit coverage, using a separate SWPPP2, and separate Contractor Inspections.

The SWPPP must consider the activities of the Contractor and all subcontractors and utility companies performing work in the Project Area. The SWPPP must describe the roles and responsibilities of the Contractor, subcontractors, utility companies, and the Department with regard to implementation of the SWPPP. The SWPPP must identify all operators for the Project, including utility companies performing Construction Activity, and identify the areas:

- a. Over which each operator has operational control; and
- b. Where the Department and Contractor are co-operators.

For work outside the Project Area the SWPPP must identify the entity that has storm water permit coverage, the operator, and the areas that are:

- a. Dedicated to the Project and where the Department is not an operator; and
- b. Not dedicated to the project, but used for the project.

Develop the SWPPP according to the requirements of the ACGP and this specification, and account for the Contractor's construction methods and phasing.

Design temporary BMPs for a 2 year 24 hour precipitation amount. Describe BMPs in the SWPPP and in SWPPP Amendments, including source controls, sediment controls, discharge points, and all temporary and permanent stabilization measures. Describe the design, placement, installation, and maintenance of each BMP, using words and drawings as appropriate. Provide a citation to the BMP Manual or publication used as a source for the BMP, including the title of the BMP Manual or publication, the author (individual or agency), and date of publication. If no published source was used to select or design a BMP, then the SWPPP or SWPPP amendment must state that "No BMP manual or publication was used for this design."

Describe the sequence and timing of activities that disturb soils and of BMP implementation and removal. Phase earth disturbing activities to minimize unstabilized areas, and to achieve temporary or final stabilization quickly. Whenever practicable incorporate final stabilization work into excavation, embankment, and grading activities.

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Identify the inspection frequency in the SWPPP:

- a. Areas where the mean annual precipitation is 15 inches or less, inspect at least once every 14 days during construction and within 24 hours of the end of a storm event that resulted in a discharge from the project area;
- b. Areas where the mean annual precipitation is between 15 to 40 inches, inspect either once every seven 7 days;
- c. Areas where the mean annual precipitation is 40 inches or greater, inspect once every 7 days, and twice every 7 days during periods of relatively continuous precipitation or sequential storm events.

The SWPPP must cite and incorporate applicable requirements of the Project permits, environmental commitments, COE permit, and commitments related to historic preservation. Make additional consultations or obtain permits as necessary for Contractor specific activities which were not included in the Department's permitting and consultation.

The SWPPP is a dynamic document. Keep the SWPPP current by noting installation, modification, and removal of BMPs, and by using amendments, SWPPP amendment logs, Inspection Reports, corrective action logs, records of land disturbance and stabilization, and any other records necessary to document storm water pollution prevention activities and to satisfy the requirements of the ACGP and this specification. See Subsection 641-3.03 for more information.

#### 4. Recording Personnel and Contact Information in the SWPPP.

Include in the SWPPP, Records of the AK-CESCL cards or certificates for the Storm Water Lead, and for any acting Storm Water Lead. If the Storm Water Lead is replaced permanently or temporarily, by an acting Storm Water Lead, record in the SWPPP (use Form 25D-127) the names of the replacement personnel, the date of the replacement. For temporary personnel record their beginning and ending dates.

Provide 24 hour contact information for the Superintendent and SWPPP Manager. The Superintendent and SWPPP Manager must have 24 hour contact information for all Subcontractor SWPPP Coordinators and Utility SWPPP Coordinators.

Include in the SWPPP, Records of the AK-CESCL cards or certificates of storm water inspectors, and ATS operators. Record their beginning and ending dates.

#### **641-2.02 HAZARDOUS MATERIAL CONTROL PLAN (HMCP) REQUIREMENTS.**

Prepare the HMCP for prevention of pollution from storage, use, containment, cleanup, and disposal of all hazardous material, including petroleum products related to construction activities and equipment. Include the HMCP as an appendix to the SWPPP. Compile Material Safety Data Sheets in one location and reference that location in the HMCP.

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Designate a Contractor's Spill Response Field Representative with 24 hour contact information. Designate a Subcontractor Spill Response Coordinator for each subcontractor. The Superintendent and Contractor's Spill Response Field Representative must have 24 hour contact information for each Subcontractor Spill Response Coordinator and the Utility Spill Response Coordinator.

List and give the location and estimated quantities of hazardous materials (Including materials or substances listed in 40 CFR 117 and 302, and petroleum products) to be used or stored on the Project. Hazardous materials must be stored in covered storage areas. Include secondary containment for all hazardous material storage areas.

Identify the locations where fueling and maintenance activities will take place, describe the activities, and list controls to prevent the accidental spillage of petroleum products and other hazardous materials. Controls include placing absorbent pads or other suitable containment under fill ports while fueling, under equipment during maintenance or repairs.

Use secondary containment under all stationary equipment (equipment that does not have a seat for driving) that contains petroleum products. Use secondary containment under pumps, compressors, and generators.

List the types and approximate quantities of response equipment and cleanup materials available on the Project. Include a list and location map of cleanup materials, at each different work site and readily available off site (materials sources, material processing sites, disposal sites, staging areas, etc). Spill response materials must be stored in sufficient quantity at each work location, appropriate to the hazards associated with that site.

Describe procedures for containment and cleanup of hazardous materials. Describe a plan for the prevention, containment, cleanup, and disposal of soil and water contaminated by spills. Describe a plan for dealing with contaminated soil and water encountered during construction. Clean up spills or contaminated surfaces immediately.

Describe methods of disposing of waste petroleum products and other hazardous materials generated by the Project, including routine maintenance. Identify haul methods and final disposal areas. Assure final disposal areas are permitted for hazardous material disposal. Describe methods of complying with the requirements of AS 46.04.010-900, Oil and Hazardous Substances Pollution Control, and 18 AAC 75. Include contact information for reporting hazardous materials and petroleum product spills to the Project Engineer and reporting to federal, state and local agencies.

### **641-2.03 SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN (SPCC Plan) REQUIREMENTS.**

Prepare and implement an SPCC Plan when required by 40 CFR 112; when both of the

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following conditions are present on the Project:

- a. Oil or petroleum products from a spill may reach navigable waters (as defined in 40 CFR 112); and
- b. Total above ground storage capacity for oil and any petroleum products is greater than 1,320 gallons (not including onboard tanks for fuel or hydraulic fluid used primarily to power the movement of a motor vehicle or ancillary onboard oil-filled operational equipment, and not including containers with a storage capacity of less than 55 gallons).

Reference the SPCC Plan in the HMCP and SWPPP.

#### **641-2.04 RESPONSIBILITY AND AUTHORITY OF THE SUPERINTENDENT AND STORM WATER LEAD**

The Storm Water Lead is responsible for the overall operation of the Project and all Contractor furnished sites and facilities directly related to the Project. The Superintendent shall sign and certify the SWPPP. The Storm Water Lead shall sign Inspection Reports and other reports required by the ACGP, except the NOI and NOT. The Superintendent and Storm Water Lead may not delegate the task or responsibility of signing and certifying the SWPPP submitted under Subsection 641-1.03.1, Inspection Reports, and other reports required by the ACGP.

The Superintendent may assign certain duties to the Storm Water Lead; those duties may include:

1. Ensuring Contractor's and subcontractor's compliance with the SWPPP and ACGP;
2. Ensuring the control of erosion, sedimentation, or discharge of pollutants;
3. Directing and overseeing installation, maintenance, and removal of BMPs;
4. Performing Inspections; and
5. Updating the SWPPP including adding amendments and forms.

The Storm Water Lead has authority to work in the following positions named in the CGP, Appendix C, Qualified Person: Storm Water Lead and Storm Water Inspector. The Storm Water Lead has authority to work in all the positions of ATS Operator if they meet the knowledge and experience qualifications listed in 1.04.

The Superintendent and Storm Water Lead shall be knowledgeable in the requirements of this Section 641, the SWPPP, ACGP, BMPs, HMCP, SPCC Plan, environmental permits, environmental commitments, and historic preservation commitments.

The Superintendent and Storm Water Lead shall have the Contractor's complete authority and be responsible for suspending construction activities that do not conform to the SWPPP or ACGP.

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**641-2.05 MATERIALS.** Use materials suitable to withstand hydraulic, wind, and soil forces, and to control erosion and trap sediments according to the requirements of the ACGP and the Specifications.

- Use the temporary seed mixture specified by special provision, or use annual rye grass if no temporary seed mix is specified.
- Use soil stabilization material as specified in Section 727.
- Use silt fences as specified in Section 729.
- Use straw that is certified as free of noxious weed by the United States Department of Agriculture, Natural Resources Conservation Service, Local Soil and Water Conservative District. Alaska Weed Free Forage Certification Program must be used when available. Hay may not be substituted for straw.
- Use rain gauge.

**641-2.06 CONTRACTOR REQUIREMENTS.** The Contractor must be familiar with the requirements of the CGP because Contractor's employees will be conducting duties that relate to compliance with the CGP.

**641-3.01 CONSTRUCTION REQUIREMENTS.** Comply with the SWPPP and ACGP requirements.

1. Before Construction Activity may Begin.

The following actions must be completed before Construction Activity begins:

- a. The SWPPP Preparer must visit the Project, the visit must be documented in the SWPPP, and the SWPPP must be developed (or amended) with findings from the visit;
- b. The SWPPP must be approved by the Project Engineer;
- c. The Contractor must be authorized to begin by the Project Engineer;
- d. The Project eNOIs for the Department and for the Contractor, as well as any other eNOIs if there are additional operators, must be listed as Active Status on the ADEC website;
- e. The Department approved SWPPP must be submitted to ADEC and Local Government (when required); and

Post notices containing the following information:

- a. Copy of all eNOIs related to this project;
- b. Name and 24 hour phone number of SWPPP Manager; and
- c. Location of the SWPPP.

Post notices on the outside wall of the Contractor's project office, and near the main entrances of the construction project. Protect postings from the weather. Locate postings so the public can read them without obstructing construction activities or the traveling public

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(for example, at an existing pullout). Do not use retroreflective signs for the SWPPP posting. Do not locate SWPPP signs in locations where the signs may be confused with traffic control signs or devices. Update the notices if the listed information changes.

Install an outdoor rain gauge per manufacturer's guidance, in a readily accessible location on the Project.

Delineate the site for both land disturbing activities and areas that will be left undisturbed. Install sediment controls and other BMPs that must be placed prior to the initiation of Construction Activity.

The ACGP Part 4.10.3 allows cutting of trees and brush while the ground is frozen, without disturbing the vegetative mat, prior to submitting an eNOI.

## 2. During Construction.

Make copies of the applicable portions of the SWPPP available to subcontractors and utility companies before they begin soil disturbing activities. Inform subcontractors and utility companies of SWPPP amendments that affect them in a timely manner. Ensure all subcontractors who engage in soil-disturbing activities understand and comply with the SWPPP and CGP, and signed a SWPPP Subcontractor Certification, Form 25D-105, before they conduct the activity. Include SWPPP Subcontractor Certifications as an appendix to the SWPPP. Provide SWPPP information to utility companies. Coordinate with subcontractors and utility companies doing work in the Project Area so that BMP's, including temporary and permanent stabilization, are installed, maintained, and protected from damage.

Provide on-going training to employees and subcontractors, on control measures at the site and applicable storm water pollution prevention procedures. Training must be specific to the installation, maintenance, protection, and removal of control measures. Training must be given at a frequency that will be adequate to ensure proper implementation and protection of control measures. Document on the SWPPP Training Log, Form 25D-125, the dates and attendees to these trainings. Include the SWPPP Training Log as an appendix to the SWPPP.

Notify the Project Engineer immediately if the actions of any utility company or subcontractor do not comply with the SWPPP and the ACGP.

Comply with Subsection 107-1.11 Protection and Restoration of Property and Landscape. Concrete washout must be fully contained.

Fuel the equipment in designated areas. Place absorbent pads or other suitable containment under fill ports while fueling, under equipment during maintenance or repairs. Install secondary containment under all stationary equipment that contains petroleum

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products.

Comply with requirements of the HMCP and SPCC Plan, and all local, state and federal regulations that pertain to the handling, storage, containment, cleanup, and disposal of petroleum products or other hazardous materials.

Keep the SWPPP and HMCP current (refer to Subsection 641-2.01.3, SWPPP Considerations and Contents)

### 3. Pollutant and Hazardous Materials Reporting Requirements.

If there has been an incident of non-compliance with the ACGP that may endanger health or the environment, immediately report the incident to ADEC according to the ACGP, Appendix A, Part 3.0. Notify the Project Engineer immediately and to the extent possible coordinate reports to ADEC with the Project Engineer.

The report must include:

- a. A description of the noncompliance and its causes;
- b. The exact dates and times of noncompliance ;
- c. If not yet corrected the anticipated time the project will be brought back into compliance; and
- d. The corrective actions taken, or planned, to reduce, eliminate and prevent reoccurrence.

Report spills of petroleum products or other hazardous materials to the Project Engineer and other agencies as required by law. Use the HMCP and SPCC Plan (if available) for contact information to report spills to regulatory agencies. See CGP Part 4.8.

### 4. Corrective Action and Maintenance of BMPs.

Implement maintenance as required by the ACGP, SWPPP, and manufacturer's specifications, whichever is more restrictive.

Implement corrective action:

- a. If an incident of non-compliance with the SWPPP or ACGP is identified;
- b. If an Inspection or the Project Engineer identifies the SWPPP or any part of the SWPPP is ineffective in preventing erosion, sedimentation or the discharge of pollutants;

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- c. If the Project Engineer determines the SWPPP or any part of the SWPPP is ineffective in preventing the erosion, sedimentation, or the discharge of pollutants;
- d. If a required BMP was never installed, was installed incorrectly, or not in accordance with the CGP Part 4.0;
- e. If any BMP is not operating as intended, or has not been maintained in an effective operational condition, or is unable to effectively perform the intended function;
- f. Before sediment or debris fills a BMP to the percentage of design capacity or available storage allowed by the CGP (or manufacturer's specifications or SWPPP requirements, whichever is lower);
- g. Whenever there is a change in conditions, design, construction, operation, or maintenance that could result in erosion, sedimentation, or the discharge of pollutants;
- h. If a prohibited discharge as specified in CGP Part 4.6 is occurring or will occur; or
- i. If there are accumulations and tracking of sediment or other pollutants, in or near any storm water conveyance channels, on roadways or parking lots within and adjacent to the project area, in the immediate vicinity of control measures, at discharge points or entry points into the storm sewer system, or in other areas within the project area.

Implement corrective actions so that they comply with the following time requirements:

- a. Conditions that are easily remedied (i.e. removal of tracked sediment, maintenance of control measure, or spill clean-up), initiate corrective action within 24 hours and complete as soon as possible;
- b. Corrective action is completed before the next storm event;
- c. Corrective action is completed in time to protect water quality; and
- d. Corrective action is completed no later than the Complete-by-Date that was entered in an Inspection Report (see Subsection 641-3.03.2 for more information).

If a corrective action is not implemented within the time requirements of this section, document the situation in the SWPPP, notify the Project Engineer, and implement corrective action as soon as possible.

If a corrective action could affect a subcontractor, notify the subcontractor within three days of taking the corrective action.

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## 5. Stabilization.

Stabilization may be accomplished using temporary or permanent measures. Initiate stabilization of disturbed soils, erodible stockpiles, disposal sites, and of erodible aggregate layers so that all of the following conditions are satisfied:

- a. As soon as practicable;
- b. As soon as necessary to avoid erosion, sedimentation, or the discharge of pollutants; and
- c. As identified in the SWPPP.

Land may be disturbed and stabilized multiple times during a project. Coordinate work to minimize the amount of disturbed soil at any one time. Do not disturb more soil than you can stabilize with the resources available.

Temporarily stabilize from wind and water erosion portions of disturbed soils, portions of stockpiles, and portions of disposal sites, that are not in active construction. Temporary stabilization measures may require a combination of measures including but not limited to vegetative cover, mulch, stabilizing emulsions, blankets, mats, soil binders, non-erodible cover, dust palliatives, or other approved methods.

### Temporary or Permanent Seeding

When temporary or permanent seeding is required, provide a working hydro seeding equipment located within 100 miles of the project by road; with 1,000 gallon or more tank capacity, paddle agitation of tank, and the capability to reach the seed areas with an uniform mixture of water, seed, mulch and tackifier. If the project is located in an isolated community the hydro-seeder must be located at the project.

Before applying temporary or permanent seeding, prepare the surface to be seeded to reduce erosion potential and to facilitate germination and growth of vegetative cover. Apply seed and maintain seeded areas. Reseed areas where growth of temporary vegetative cover is inadequate to stabilize disturbed ground.

Apply permanent seed according to Sections 618 and 724, within the time periods allowed by the ACGP and the Contract, at locations where seeding is indicated on the plans and after land-disturbing activity is permanently ceased.

### Stream Bypass

When installing a culvert or other drainage structure where stream bypass is not used, install temporary or permanent stabilization concurrently or immediately after placing the

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culvert or drainage structure in a manner that complies with the SWPPP, applicable project permits and prevents discharge of pollutants.

Install temporary and permanent stabilization:

- a. At the culvert or drainage structure inlet and outlet; and
- b. In the areas upstream and downstream that may be disturbed by the process of installing the culvert, culvert end walls, culvert end sections, or drainage structure.

Before deactivating a stream bypass or stream diversion used for construction of a bridge, culvert, or drainage structure, install permanent stabilization:

- a. At the inlet and outlet of the culvert, drainage structure, or bridge;
- b. In the area upstream and downstream of the culvert, drainage structure, or bridge, that is disturbed during installation or construction of the culvert, drainage structure, or bridge; and
- c. Under the bridge.

Within seven days of initiating final stabilization, either complete final stabilization or continue maintenance of work until final stabilization is complete.

#### 6. Ending ACGP Coverage and BMP Maintenance.

The Project Engineer will determine the date that all the following conditions for ending ACGP coverage have been met within the Project Area:

- a. Land disturbing activities have ceased;
- b. Final Stabilization has been achieved (including at Department furnished material sources, disposal sites, staging areas, equipment areas, etc.); and
- c. Temporary BMPs have been removed.

After the Project Engineer has determined the conditions for ending CGP coverage have been met, the Department will:

- a. Send written notice to the Contractor with the date that the conditions were met;

- b. Submit an eNOT to ADEC; and
- c. Provide a copy of the eNOT and ADEC's acknowledgement letter to the Contractor.

The Contractor is responsible for ending permit coverage within the Project Area, by submitting an eNOT to ADEC within 30 days of meeting the conditions for ending CGP coverage. The Contractor is responsible for BMP maintenance and SWPPP updates until permit coverage is ended.

If the Contractor's CGP eNOI acreage includes Support Activities and any other areas where the Department is not an Operator, the Contractor may not be able to file an eNOT at the same time as the Department. In this case, the Contractor must amend the SWPPP and separate SWPPP2(s), to indicate the Department's CGP coverage has ended, and the Department is no longer an Operator within the Project Area.

The Contractor must indicate in the SWPPP the areas that have reached Final Stabilization, and the dates land disturbing activities ended and Final Stabilization was achieved. The Contractor must submit an eNOT to ADEC, and insert copies of the Department's and the Contractor's eNOTs with ADEC's acknowledgement letters in the appendix of the SWPPP.

The Contractor must submit a copy of each signed eNOT and ADEC's acknowledgement letter to the Department within 30 days of receiving a written them.

7. Transmit final SWPPP.

Transmit one copy of the final SWPPP, including all amendments, appendices, and maps to the Project Engineer when the project eNOTs are filed, or within 30 days of the Department's eNOT being filed, whichever is sooner. Transmittal must be by both electronic and hard copy.

**641-3.02 SWPPP DOCUMENTS, LOCATION ON-SITE, AVAILABILITY, AND RECORD RETENTION.**

The SWPPP and related documents maintained by the Contractor are the Record for demonstrating compliance with the CGP. Copies of SWPPP documents transmitted to the Project Engineer under the requirements of this specification are informational and do not relieve the Contractor's responsibility to maintain complete records as required by the CGP and this specification.

Keep the SWPPP, HMCP and SPCC Plan at the on-site project office. If there is not an on-site project office, keep the documents at a locally available location that meets CGP requirements and is approved by the Project Engineer. Records may be moved to another office for record retention after the eNOTs are filed. Records may be moved to another

office during winter shutdown, but this will require updating on-site posted notices. Provide the Department with copies of all Records.

Retain Records and a copy of the SWPPP, for at least three years after the date of eNOT. If EPA or ADEC inspects the project, Issues a Notice of Violation (NOV), or begins investigation for a potential NOV before the retention period expires, retain the SWPPP and all Records related to the SWPPP and CGP until at least three years after EPA and/or ADEC has determined all issues related to the investigation are settled.

The SWPPP and related documents must be made available for review and copy, to the Department and other regulatory agencies that request them. The Project, including any related off-site areas or support activities, must be made available for inspection, or sampling and monitoring, by the Department and other regulatory agencies. See CGP Parts 5.10, 6.6, and 9.4.

### **641-3.03 SWPPP INSPECTIONS, AMENDMENTS, REPORTS, AND LOGS.**

Perform Inspections, prepare Inspection Reports, and prepare SWPPP Amendments in compliance with the SWPPP and the CGP. Update SWPPP Corrective Action Log, SWPPP Amendment Log, SWPPP Grading and Stabilization Activities Log, and SWPPP Daily Record of Rainfall forms. For active projects update the Records daily.

#### **1. Inspection during Construction.**

Conduct Inspections according to the schedule and requirements of the SWPPP and CGP.

- a. Areas where the mean annual precipitation is 15 inches or less, inspect at least once every 14 days during construction and within 24 hours of the end of a storm event that resulted in a discharge from the project area;
- b. Areas where the mean annual precipitation is between 15 to 40 inches, inspect either once every seven 7 days;
- c. Areas where the mean annual precipitation is 40 inches or greater, inspect once every 7 days, and twice every 7 days during periods of relatively continuous precipitation or sequential storm events.

Inspections required by the CGP and SWPPP must be performed by the Contractor's Storm Water Lead. The Department's Project Engineer shall be contacted 24 hours prior to an Inspection. The Department's Project Engineer shall be present during inspections if available. If Department's Project Engineer is unavailable to attend the Inspection, the Contractor shall provide a copy of the Inspection to Project Engineer within three days

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of the Inspection date and pictures taken during the inspection.

2. Inspection Reports.

Use only the ADNR SWPPP Construction Site Inspection Report, Form 25D-100 to record Inspections. Changes or revisions to Form 25D-100 are not permitted; except for adding or deleting data fields that list: Location of Discharge Points and Site Specific BMPs. Complete all fields included on the Inspection Report form; do not leave any field blank.

Unless otherwise directed by the Project Engineer, insert a Complete-by-Date for each corrective action listed that is (1) a date that complies with the time requirement listed in Subsection 641-3.01.4, or (2) seven days from the date of the Inspection, whichever is sooner. Provide a copy of the completed, unsigned Inspection Report to the Project Engineer by noon of the day after inspection.

The Superintendent must review the Inspection Report. The Project Engineer may coordinate with the Superintendent to review the Inspection Report. Corrections are limited to adding missing information or correcting entries to match field notes and conditions present at the time the Inspection was performed. Deliver a copy of the signed and certified Inspection Report to the Project Engineer within three days.

The Project Engineer may recommend corrections on the Inspection Report after the Superintendent has signed and certified the Inspection Report. If the Superintendent makes corrections, the Superintendent must recertify the Inspection Report by entering a new signature and date in the white space below the original signature and date lines.

Send a copy of the recertified Inspection Report to the Project Engineer on the day it is recertified.

3. Inspection before Seasonal Suspension of Work.

Conduct an Inspection before seasonal suspension of work to confirm BMPs are installed and functioning according to the requirements of the SWPPP and CGP.

4. Reduced Inspection Frequencies.

Conduct Inspections according to the inspection schedule indicated in the approved SWPPP. Any change in inspection frequency must be approved by the Project Engineer, and beginning and ending dates documented as an amendment to the SWPPP.

The Project Engineer may waive winter Inspection requirements 14 days after the freeze-up. Inspections must be resumed 21 days before thawing conditions are expected to result in a discharge, if all the following requirements are met:

- a. Frozen conditions are anticipated to continue for more than one month; and
- b. Soil disturbing or stabilizing activities have been suspended.

Inspections must resume according to the normal inspection schedule identified in the SWPPP, at least 21 days before anticipated spring thaw.

The Project Engineer may waive requirements for updating the Grading and Stabilization Activities Log and Daily Record of Rainfall during seasonal suspension of work. If so, resume collecting and recording weather data on the Daily Record of Rainfall form one month before thawing conditions are expected to result in runoff. Resume recording land disturbance and stabilization activities on the Grading and Stabilization Activities Log when Construction Activity resumes.

5. Stabilization before Seasonal Thaw.

Construction Activities within the Project Area must be stabilized with appropriate BMPs prior to seasonal thaw. Seasonal thaw is the annual (first) recurrence of snow and ice melting after a prolonged period of freezing conditions.

6. Inspection before Project Completion.

Conduct Inspection to ensure Final Stabilization is complete throughout the Project, and temporary BMPs that are required to be removed are removed. Temporary BMPs that are biodegradable and are specifically designed and installed with the intent of remaining in place until they degrade, may remain in place after project completion.

7. Items and Areas to Inspect.

Conduct Inspections of the areas required by the CGP and SWPPP.

8. SWPPP Amendments and SWPPP Amendment Log.

The Superintendent and the Storm Water Lead are the only persons authorized to amend the SWPPP and update the SWPPP Amendment Log, Form 25D-114. The Superintendent or the Storm Water Lead must sign and date amendments to the SWPPP and updates to the SWPPP Amendment Log.

SWPPP Amendments must be approved by the Project Engineer.

Amendments must occur:

- a. Whenever there is a change in design, construction operation, or maintenance at the construction site that has or could cause erosion, sedimentation or the discharge of pollutants that has not been previously addressed in the SWPPP;
- b. If an Inspection identifies that any portion of the SWPPP is ineffective in preventing erosion, sedimentation, or the discharge of pollutants;
- c. Whenever an Inspection identifies a problem that requires additional or modified BMPs
- d. Whenever a BMP is modified during construction, or a BMP not shown in the original SWPPP is added;
- e. If the Inspection frequency is modified (note beginning and ending dates); or
- f. When there is a change in personnel who are named in the SWPPP, according to Subsection 641-2.01.4.

Do not record removal of BMPs as amendments to the SWPPP. See Subsection 641-3.03.9 for documenting removal of BMPs.

Amend the SWPPP narrative as soon as practicable after any change or modification, but in no case, later than seven days following identification of the need for an amendment. Every SWPPP Amendment must be signed and dated. Cross-reference the amendment number with the Corrective Action Log or SWPPP page number, as applicable. When a BMP is modified or added, describe the BMP according to Subsection 641-2.01.3.

Keep the SWPPP Amendment Log current. Prior to performing each scheduled Inspection, submit to the Project Engineer a copy of the pages of the Amendment Log that contain new entries since the last submittal. Include copies of any documents amending the SWPPP.

Keep the SWPPP Amendment Log as an appendix to the SWPPP.

9. Site Maps.

Document installation, routine maintenance, and removal of BMPs by making notes on the SWPPP Site Maps. Include the date and the recording person's initials by these

notes. Identify areas where Construction Activities begin, areas where Construction Activities temporarily or permanently cease, and areas that are temporarily or permanently stabilized.

10. Corrective Action Log.

The Storm Water Lead is the only persons authorized to make entries on the SWPPP Corrective Action Log, Form 25D-112. Document the need for corrective action within 24 hours of discovery.

Modification or replacement of a BMP, installation of a new BMP not shown in the original SWPPP, or overdue maintenance (after a sediment trap exceeds 50% of design capacity) is a corrective action and must be documented on the Corrective Action Log. Do not record removal of BMPs on the Corrective Action Log.

After each Inspection Report has been signed and certified, update the corrective action log with the date of inspection and include all proposed corrective actions noted on the Inspection Report.

After the corrective action has been accomplished, note the action taken, if a SWPPP amendment was needed. Date and initial the entry.

Keep the Corrective Action Log current and submit a copy to the Project Engineer prior to performing each scheduled SWPPP Inspection.

Keep the Corrective Action Log as an appendix to the SWPPP.

11. Grading and Stabilization Activities Log.

The Storm Water Lead is the only persons authorized to date and initial entries on the SWPPP Grading and Stabilization Activities Log, Form 25D-110. Use the SWPPP Grading and Stabilization Activities Log, to record land disturbance and stabilization activities.

Keep the Grading and Stabilization Activities Log current and submit a copy to the Project Engineer prior to performing each scheduled SWPPP Inspection.

Keep the Grading and Stabilization Activities Log as an appendix to the SWPPP.

12. Daily Record of Rainfall.

Use SWPPP Daily Record of Rainfall, Form 25D-115, to record weather conditions at the Project. Update the form daily and include the initials of the person recording each

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day's entry. Submit a copy to the Project Engineer prior to performing each scheduled Inspection. Keep the Daily Record of Rainfall as an appendix to the SWPPP.

**641-3.04 FAILURE TO PERFORM WORK.** The Project Engineer has authority to suspend work and withhold monies, for an incident of non-compliance with the CGP or SWPPP that may endanger health or the environment. If the suspension is to protect workers, the public, or the environment from imminent harm, the Project Engineer may orally order the suspension of work. Following an oral order of suspension, the Project Engineer will promptly give written notice of suspension. In other circumstances, the Project Engineer will give the Contractor written notice of suspension before suspension of work. A notice of suspension will state the defects or reasons for a suspension, the corrective actions required to stop suspension, and the time allowed to complete corrective actions.

1. If the Contractor fails to take the corrective action within the specified time, the Project Engineer may:
  - a. Suspend the work until corrective action is completed;
  - b. Withhold monies due the Contractor until corrective action is completed;
  - c. Assess damages or equitable adjustments against the Contract Amount; and
  - d. Employ others to perform the corrective action and deduct the cost from the Contract amount.
2. Reasons for the Project Engineer to take action under this section include, but are not limited to, the Contractor's failure to:
  - a. Obtain appropriate permits before Construction Activities occur;
  - b. Perform SWPPP Administration;
  - c. Perform timely Inspections;
  - d. Update the SWPPP;
  - e. Transmit updated SWPPP, Inspection Reports, and other updated SWPPP forms to the Project Engineer;
  - f. Maintain effective BMPs to control erosion, sedimentation, and pollution in accordance with the SWPPP, the CGP, and applicable local, state, and federal requirements;
  - g. Perform duties according to the requirements of this Section 641; or

- h. Meet requirements of the CGP, SWPPP, or other permits, laws, and regulations related to erosion, sediment, or pollution control.

No additional Contract time or additional compensation will be allowed due to delays caused by the Project Engineer's suspension of work under this subsection.

**641-4.01 METHOD OF MEASUREMENT.** Section 109.

**641-5.01 BASIS OF PAYMENT.** See Subsection 641-3.04 Failure to Perform Work, for additional work and payment requirements.

The total value of this Contract will be adjusted as specified herein. Withholding will be determined by the Department and assessed under Pay Item 641.0006 SWPPP Price Adjustment, as follows:

1. Fines and Penalties: A Price adjustment equal to any penalties and fines levied against the Department by local, state, or federal agencies for pollutant violations, including violations of the CWA and CGP, except when due to Department negligence. An amount equal to the anticipated penalties and fines for the violation or violations, excluding any due to negligence by the Department, will be withheld until the actual cost of the penalties and fines is known. Anticipated penalties and fines will be determined by the Project Engineer. The Contractor is also responsible for the payment of penalties and fines levied against the Contractor.

2. Failure to perform Inspections: By each 24 hour period, that a required SWPPP inspection is delayed or is not signed, certified, or completed in accordance with the schedule identified in the approved SWPPP a price adjustment of \$750 will be assessed.

3. Failure to perform Corrective Action: By each 24 period following 24 hours after written notice by the Project Engineer, per occurrence, a price adjustment of \$750 will be assessed where the Contractor:

- fails to complete SWPPP administrative requirements as identified in the Contract or the CGP,
- fails to initiate work required by the SWPPP, or
- fails to initiate corrective action to respond to a deficiency notes during an inspection or by the Project Engineer.

The same deficiency remaining uncorrected will be considered an additional occurrence for each additional 24 hour period, without requiring additional written notice by the Project Engineer.

Item 641.0001 Erosion, Sediment and Pollution Control Administration. At the Contract

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lump sum price for administration of all work under this Section. Includes, but is not limited to, SWPPP and HMCP and SPCC Plan preparation, agency fees for SWPPP reviews, Storm Water Lead (when not included as a separate Pay Item under 641.0006) SWPPP amendments, pre-construction Inspections, Inspections, monitoring, reporting, and Record keeping or copying Records related to the SWPPP and required by the CGP, and Record retention.

Work required by the HMCP and SPCC Plan including hazardous material storage, containment, removal, cleanup and disposal, are subsidiary to Pay Item 641.0001 Erosion, Sediment and Pollution Control Administration.

Item 641.0002 Temporary Erosion, Sediment and Pollution Control. At the contingent sum prices specified for all labor, supervision, material, equipment, and incidentals to install, maintain, remove and dispose of approved temporary erosion, sedimentation, and pollution control BMPs required to implement the SWPPP and SPCC Plan.

Item 641.0006 SWPPP Price Adjustment. Withholding according to Section 641-3.04, equal to any penalties and fines levied against the Department by local, state, and federal agencies for pollutant violations, including violations of the CWA, CGP, and any other Permit, except when due to the Department's sole negligence. The Contractor is also responsible for the payment of any and all penalties and fines levied against the Department or Contractor by entities (including agencies) other than the Department.

The Department will not release performance bonds until Liquidated Damages assessed according to Section 641 are paid to the Department, and all requirements according to Subsection 103-1.05 are satisfied.

Subsidiary Items. Temporary erosion, sediment, and pollution control measures that are required outside the Project Area are subsidiary. Work required by the HMCP and SPCC Plan including hazardous material storage, containment, removal, cleanup and disposal, are subsidiary to Item 641.0001 Erosion, Sediment and Pollution Control Administration.

Work under other pay items. Work that is paid for directly or indirectly under other pay items will not be measured and paid for under Section 641. This work includes but is not limited to:

- a. Dewatering;
- b. Shoring;
- c. Bailing;
- d. Permanent seeding;
- e. Installation and removal of temporary work pads;

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- f. Temporary accesses;
- g. Temporary drainage pipes and structures;
- h. Diversion channels;
- i. Settling impoundment; and
- j. Filtration.

Permanent erosion, sediment and pollution control measures will be measured and paid for under other Contract items, when shown on the bid schedule.

Work at the Contractor's Expense. Temporary erosion, sediment, and pollution control measures that are required due to carelessness, negligence, or failure to install temporary or permanent controls as scheduled or ordered by the Project Engineer, or for the Contractor's convenience, are at the Contractor's expense.

Payment will be made under:

<b>Pay Item</b>		<b>Pay Unit</b>
641.0001.0000	Erosion, Sediment, and Pollution Control Administration	Lump Sum
641.0002.0000	Temporary Erosion, Sediment, and Pollution Control	Contingent Sum
641.0006.0000	SWPPP Price Adjustment	Contingent Sum
641.0007.0000	SWPPP Manager	Lump Sum

Replace Section 642 with the following:

## SECTION 642

### CONSTRUCTION SURVEYING AND MONUMENTS

**642-1.01 DESCRIPTION.** Perform all surveying and staking essential for the completion of the project and perform the necessary calculations required to accomplish the work in conformance with the Plans and Specifications, and standard engineering practice.

This item consists of:

- 1) using, furnishing, placing, replacing and maintaining construction layout stakes, baseline stations, primary control points, or any disturbed property location monuments as necessary for the proper performance of the work under this contract,
- 2) generation of cross-sections, AutoCAD drawings, or TINS of the site, measuring pre- and post- construction surfaces,
- 3) measuring and calculating quantities for payment.
- 4) providing all documentation for review and payment on a CD compatible with Microsoft Office and AutoCAD Civil 3D, 2018 and a hard copy.

Add the following: Two control points have been established, referenced to NAD83 State Plane 4 datum, in feet coordinates, in Cripple Creek drainage approximately 1.5 miles west of this project. Recover and verify the position of these points and establish new points for project control, before commencing clearing, grubbing, and earthwork. Notify the Engineer immediately if any error is determined.

**642-2.01 MATERIALS, PERSONNEL, AND EQUIPMENT.** The Contractor shall furnish standard field books for use by the surveyors and said books shall remain the property of the Department upon completion of the work.

The contractor shall use competent, qualified personnel and suitable equipment for the layout work required and shall furnish all stakes, templates, straight edges and other devices necessary for establishing, checking and maintaining the required points, lines and grades.

**642-3.01 CONSTRUCTION METHODS.** The contractor shall submit for approval a plan of the proposed survey methods to the Engineer. The engineer will review the plan to ensure adequacy of survey methods for accurate pay item quantity calculations. No

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fieldwork on this item shall be performed without written approval of the methods from the Engineer.

Clearing for surveying outside the clearing and grubbing limits will not be allowed without written approval from the Engineer.

The Engineer will locate and reference one time, and one time only the control points necessary for proper layout of the work. The Contractor shall make all calculations involved and shall furnish and place all temporary control and staking.

The Contractor shall set all additional stakes needed, such as offset stakes, reference point stakes, slope stakes, grade stakes, road stationing, stakes for drainage, or other structures, supplementary bench marks, and any other horizontal or vertical controls necessary to secure a correct layout of the work.

The Contractor shall be responsible for staking the work, to conform to the lines, grades, elevations, and dimensions called for on the Plans.

Perform all other surveying and staking necessary to complete the project. This includes measurement of quantities for pay items 203.0003.0000 and 302.0003.0000.

Keep field notes in standard bound notebooks in a clear, orderly, and neat manner consistent with Departmental procedures, including titles, numbering, and indexing. Make field books available for inspection by the Department's project personnel at any time.

Furnish a note keeper to record all field survey notes, including those which become documentation from which quantities for payment are computed. The note keeper shall be thoroughly familiar with generally accepted standards of good survey note keeping practice and the Department of Transportation & Public Facilities Construction Surveying Requirements, which are located in Appendix A.

Any inspection or checking of the Contractor's layout by the Department and the acceptance of all or any part of it shall not relieve the contractor of his responsibility to secure the proper dimensions, grades, and elevations.

The Contractor shall exercise care in the preservation of existing stakes and bench marks and shall have them reset at his expense when any are damaged, lost, displaced, or removed. The Contractor shall use primary control points for re-establishing baseline stations wherever previously surveyed stations have been destroyed or removed. At a minimum, the Contractor shall confirm the location of existing baseline stations by field survey of each station's relationship to a suitable primary control point. Should any discrepancies be found, primary control points shall supersede any existing baseline stations.

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The Contractor shall use competent personnel and suitable equipment for the layout work required and shall provide that it be done under the supervision, directed by, or to the standards of a Professional Engineer or Professional Land Surveyor.

Borrow material will be measured for payment. The Contractor shall survey designated material site surfaces before, and after material extraction is complete, to calculate pay item volumes.

**642-3.04 OFFICE ENGINEERING.** Delete third sentence and replace with:

Perform the work by, or under the responsible charge of, a person registered in the State of Alaska as a Professional Land Surveyor or a Professional Engineer.

(05/01/07)E53-Standard Modification

**642-4.01 METHOD OF MEASUREMENT.** Section 109, Lump Sum.

**642-5.01 BASIS OF PAYMENT.** Add the following: Construction Surveying includes all field and office work required to accomplish the work described in the contract including, but not limited to, furnishing all personnel, equipment, transportation and supplies.

Maintenance of stakes will not be measured.

Clearing required for stake visibility is subsidiary to Item 642.0001.0000 Construction Surveying and no separate payment shall be made. (01/01/06)PARKS-Special Provision

Add the following pay item:

Pay Item		
Item Number	Item Description	Unit
642.0001.0000	Construction Surveying	Lump Sum

(02/25/10)CR6422-Special Provision

Add the following Section:

## **SECTION 647**

### **EQUIPMENT RENTAL**

**647-1.01 DESCRIPTION.** This item consists of furnishing construction equipment, operated, fueled and maintained, on a rental basis for use in construction of extra or unanticipated work at the direction of the Engineer. Construction equipment is defined as that equipment actually used for performing the items of work specified and shall not include support equipment such as hand tools, power tools, electric power generators, welders, small air compressors and other shop equipment needed for maintenance of the construction equipment.

The work is to be accomplished under the direction of the Engineer, and the Contractor's operations shall at all times be in accordance with the Engineer's instructions. These instructions by the Engineer shall be to the Contractor's supervisory personnel only, not to the operators or laborers. In no case shall these instructions by the Engineer be construed as making the Department liable for the Contractor's responsibility to prosecute the work in the safest and most expeditious manner.

**647-2.01 EQUIPMENT FURNISHED.** In the performance of this work, furnish, operate, maintain, service, and repair equipment of the numbers, kinds, sizes, and capacities set forth on the Bid Schedule or as directed by the Engineer. The kinds, sizes, capacities, and other requirements set forth shall be understood to be minimum requirements. The number of pieces of equipment to be furnished and used shall be, as the Engineer considers necessary for economical and expeditious performance of the work. The equipment shall be used only at such times and places as the Engineer may direct.

Equipment shall be in first class working condition and capable of full output and production. The minimum ratings of various types of equipment shall be as manufactured and based on manufacturer's specifications. Alterations will not be considered acceptable in achieving the minimum rating. Equipment shall be replaced when, in the opinion of the Engineer, their condition is below that normal for efficient output and production.

Equipment shall be fully operated, which shall be understood to include the operators, oilers, tenders, fuel, oil, air hose, lubrication, repairs, maintenance, insurance, and incidental items and expenses.

**647-2.02 EQUIPMENT OPERATORS AND SUPERVISION PERSONNEL.** Equipment operators shall be competent and experienced and shall be capable of operating the equipment to its capacity. Personnel furnished by the Contractor shall be, and shall remain during the work hereunder, employees solely of the Contractor.

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The Contractor shall furnish, without direct compensation, a job superintendent or Contractor's representative together with such other personnel as are needed for Union, State, or Federal requirements and in servicing, maintaining, repairing and caring for the equipment, tools, supplies, and materials provided by the Contractor and involved in the performance of the work. Also, the Contractor shall furnish, without direct compensation, such transportation as may be appropriate for the personnel.

**647-3.01 CONSTRUCTION REQUIREMENTS.** The performance of the work shall be according to the instructions of the Engineer, and with recognized standards and efficient methods.

Furnish equipment, tools, labor, and materials in the kinds, number, and at times directed by the Engineer and shall begin, continue, and stop the several operations involved in the work only as directed by the Engineer.

Normally, the work is to be done when weather conditions are reasonably favorable, six days per week, Mondays through Saturdays, holidays excepted.

The Engineer will begin recording time for payment each shift when the equipment begins work on the project. The serial number and brief description of each item of equipment listing in the bid schedule and the number of hours, or fractions thereof to the nearest one quarter hour, during which equipment is actively engaged in construction of the project shall be recorded by the Engineer. Each day's activity will be recorded on a separate sheet or sheets, which shall be verified and signed by the Contractor's representative at the end of each shift, and a copy will be provided to the Contractor's representative.

**647-4.01 METHOD OF MEASUREMENT.** The number of hours of equipment operation to be paid for shall be the actual number of hours each fully operated specified unit of equipment is actually engaged in the performance of work in the designated areas according to the direction of the Engineer. The pay time will not include idle periods, time used in oiling, servicing, or repairing of equipment, or in making changeovers of parts to the equipment. Travel time to or from the work site project will not be authorized for payment.

**647-5.01 BASIS OF PAYMENT.**

Payment is for the time that fully operational equipment is engaged in the performance of the work directed by the Engineer. Time not paid for includes: idle periods, maintaining/servicing and repairing the equipment, making change-overs of equipment parts, and time to travel to and from the project. Payment will only be for time supported by certified payroll.

Payment will be paid at the contract price for the number of hours required to complete the work according to the Engineer's direction. This shall be full compensation for furnishing,

SPECIAL PROVISIONS

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operating, maintaining, servicing and repairing the equipment, and for incidental costs related to the equipment. Furnishing and operating equipment of heavier type, larger capacity, or greater power than specified will not entitle the Contractor to extra compensation.

Payment will be made under:

<b>PAY ITEM</b>		
<b>Item Number</b>	<b>Item Description</b>	<b>Unit</b>
647.0002.0000	Wide Pad Dozer, 65 HP Minimum	HOUR
647.0006.0000	Hydraulic Excavator, 1 CY, 100 HP, Minimum	HOUR
647.0007.0000	Motor Grader, 220 HP Minimum	HOUR

(01/29/21)PARKS-Special Provision: (03/01/2017)AML-Special Provision

Add the following Section:

## SECTION 690

### EROSION, SEDIMENT AND POLLUTION CONTROL - MEASURES

**690-1.01 DESCRIPTION.** Furnish, install, and maintain measures, countermeasures and associated materials as part of BMP(s) to prevent, control and contain erosion, erosion materials, sediments and pollution contaminants, on and off project site.

Measures:

- Permanent Measures – include the materials, hardware, equipment, and labor required for installation and maintenance of erosion, sediment, and pollution control material(s).
- Temporary Measures - include, in addition to the requirements of Permanent Measures, removal and disposal of the erosion, sediment, and pollution control material(s).

Related Specifications:

Seeding	Section 618
Soil Stabilization	Section 619
Silt Fence	Section 633
Erosion, Sediment and Pollution Control	Section 641

#### 690-2.01 MATERIALS.

Erosion Sediment and Pollution Control – Materials    Section 744

Others as specified in related Sections.

### CONSTRUCTION REQUIREMENTS

**690-3.01 GENERAL.** BMP(s) may include individual or a combination of measures and countermeasures, including but not limited to temporary seeding, mulch, matting, staples, stabilizing emulsions, blankets and mats, soil binders, non-erodible cover, dustless sweeping, dust palliatives. Refer to Subsection 690-1.01, Related Specifications, for measures not included here.

**690-3.02 MATERIAL STORAGE AND PROTECTION.** General: Store materials elevated off the ground and covered protecting them from construction and or damage from the environment and as follows:

Fiber Rolls. Additionally, protect fiber rolls from: precipitation, extended ultraviolet radiation

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including sunlight, chemicals that are strong acids or other, flames including welding sparks, excess temperatures, and any other environmental conditions that may damage the physical property value of the rolls.

**690-3.04 PLACEMENT AND INSTALLATION.** Place and install where shown and detailed in the Plans and Specifications including Section 641, and as recommended by the manufacturer, directed by the Engineer and as follows:

Prepare the surface to be seeded to reduce erosion potential and to facilitate germination and growth of vegetation cover. Maintain seeded areas. Refer to Section 620 for further surface/topsoil preparation requirements.

Reseed where water quality standards are being exceeded as a result of insufficient vegetative cover. Review with Engineer prior to reseeding.

Refer to Section 618 for further information.

**690-3.05 MAINTENANCE.** Maintain the integrity of the erosion, sediment and pollution control measures for the duration of the project. Inspect as required by the APDES CGP and SWPPP and correct any deficiencies immediately. Remove and dispose of temporary measures including trapped sediment contaminants off project at approved locations. Materials manufactured as biodegradable may be left in place when approved by the Engineer.

**690-4.01 METHOD OF MEASUREMENT.** Section 109 and as follows:

Seeding: Section 618.

Stabilization: Section 619.

Fiber Rolls: By length, measured along the centerline of the fiber roll, complete in place.

Silt Fence: Section 633.

**690-5.01 BASIS OF PAYMENT.** Section 641.

Erosion, sediment, and pollution control measures that are not listed on the bid schedule or not included in other items are subsidiary to item 641(2) Temporary Erosion, Sediment, and Pollution Control.

# APPENDIX A

## PERMITS

PERMIT DESCRIPTION	ISSUE DATE	EXPIRE DATE
SHPO – No Historic Properties Affected Alaska State Historic Preservation Officer	N.A.	N.A.

Please see attached documentation.

### **Temporary Water Use Permit**

The Hangar Pit, Cripple Creek, and Coal Creek are available water sources for compaction moisture and dust control, with the following conditions:

- a. Limiting use to a maximum of 500 gallons per day, which may be taken from any source indefinitely, or
- b. Limiting use to 5,000 gallons per day for up to 10 calendar days per source per calendar year.

Greater quantities of water use will require a Temporary Water Use Authorization, which may be acquired at:

<https://dnr.alaska.gov/mlw/water/twua/>

## Ireys, Charles J (DNR)

---

**From:** Herring, McKenzie S (DNR)  
**Sent:** 18 April, 2025 12:58 PM  
**To:** Ireys, Charles J (DNR)  
**Subject:** RE: Sec. 106 Consultation for Healy Valley reclamation

File No: 3130-1R OSM/2025-00057

Dear Mr. Ireys:

The Alaska State Historic Preservation Office (AKSHPO) received the correspondence and associated documentation for review under Section 106 of the National Historic Preservation Act (36 CFR 800). We apologize for the delay in response, the e-mail was mistakenly placed into a spam folder. Upon review, we believe that a finding of **no historic properties adversely affected** is appropriate for the proposed undertaking.

Should previously unidentified archaeological resources be discovered during the project, work must be interrupted until the resources have been evaluated using the National Register of Historic Places eligibility criteria (36 CFR 60.4) in consultation with our office.

Thank you for the opportunity to review and comment. Please let me know if we can be of further assistance.

Mckenzie S. Herring  
Archaeologist I - Review and Compliance  
Alaska State Historic Preservation Office (AKSHPO)/Office of History and Archaeology (OHA)  
550 W. 7th Ave, Suite 1310  
Anchorage, AK 99507  
(907) 269-8726  
[mckenzie.herring@alaska.gov](mailto:mckenzie.herring@alaska.gov)

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**From:** DNR, Parks OHA Review Compliance (DNR sponsored) <oha.revcomp@alaska.gov>  
**Sent:** Tuesday, January 21, 2025 4:57 PM  
**To:** Ireys, Charles J (DNR) <justin.ireys@alaska.gov>  
**Cc:** Herring, McKenzie S (DNR) <mckenzie.herring@alaska.gov>  
**Subject:** FW: Sec. 106 Consultation for Healy Valley reclamation

Good afternoon,

The Office of History and Archaeology/Alaska State Historic Preservation Office received your documentation, and its review has been logged in with McKenzie Herring under 2025-00057. Our office has 30 calendar days after receipt to complete our review and may contact you if we require additional information. Please contact the project reviewer or me by email if you have any questions or concerns.

Best,  
Sarah

**Sarah Meitl**

Review and Compliance Coordinator  
Alaska State Historic Preservation Office  
Office of History and Archaeology  
[sarah.meitl@alaska.gov](mailto:sarah.meitl@alaska.gov)

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**From:** Ireys, Charles J (DNR) <[justin.ireys@alaska.gov](mailto:justin.ireys@alaska.gov)>  
**Sent:** Thursday, January 16, 2025 11:55 AM  
**To:** DNR, Parks OHA Review Compliance (DNR sponsored) <[oha.revcomp@alaska.gov](mailto:oha.revcomp@alaska.gov)>  
**Subject:** Sec. 106 Consultation for Healy Valley reclamation

Hello,

The Abandoned Mine Lands Program is requesting Section 106 Consultation for a series of reclamation projects located in the Healy Valley. These efforts are a continuation of past projects undertaken by DNR's AML Program.

Please contact me if there are questions or if I have missed anything.

Respectfully,

Justin Ireys

C. Justin Ireys  
Alaska Department of Natural Resources, DMLW  
AML Program Manager  
Office: (907) 269-8603  
Mobile: (907) 229-2747  
Fax: (907) 269-8930

# **APPENDIX B**

## **SURVEY REQUIREMENTS**

1. Alaska Construction Surveying Requirements (U.S. Customary Units)



**Alaska  
Department of  
Transportation  
and  
Public Facilities**

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**Alaska  
Construction  
Surveying  
Requirements (US  
Customary Units)**

# Alaska Construction Surveying Requirements (US Customary Units)

## Table of Contents

<b>Description</b>	<b>Page</b>
1. Survey accuracy requirements	1
2. Survey frequency requirements	2
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5. Typical alignment notes	5
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7. Typical level notes	7
8. Typical slope stake notes	8
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11. Typical blue or red tops and grade stake notes	11

# 1. Survey accuracy requirements

## Third order survey

- ✓ Use a 1/5000 horizontal closure.
- ✓ Use an angle closure of  $30\sqrt{N}$  seconds, where N equals the number of angles in the traverse.
- ✓ An Alaska-registered professional land surveyor must perform or supervise replacement of survey monuments (property, USGS, USC&GS, BLM, etc.) or establishment of monuments (including centerline).
- ✓ All monument work must comply with AS 34.65.040 and meet standards in the latest version of the Alaska Society of Professional Land Surveyors' *Standards of Practice Manual*.
- ✓ The allowable vertical error for misclosure is  $e = 0.05\sqrt{M}$  e = maximum misclosure in feet, M = length of the level circuit in miles.

**Table 1—Survey accuracy requirements (in feet)**

	Stationing	HI	Closure	Horizontal Angle	Distance To center line	Grade
Additional cross sections	1.0	0.01	0.04	**	0.1	0.1
Benches		0.01	0.02			
Blue tops***	1.0	0.01	0.04		0.1	0.02
Bridges	*	0.01	0.02			0.01
Centerline	*			*		
Clearing & Grubbing	1.0				1.0	
Culverts	1.0	0.01	0.04	**	0.1	0.1
Curb & gutter	1.0	0.01	0.02		0.1	0.02
Grade stakes	1.0				0.1	0.1
Guardrail	1.0				0.1	
Manholes, catch basins & inlets	1.0	0.01	0.02		0.1	0.02
Monuments	*			*		
Red tops***	1.0	0.01	0.02		0.1	0.05
Riprap	1.0	0.1	0.04		1.0	0.1
Signs	1.0				0.1	
Slope stakes & RP's	1.0	0.01	0.04	**	0.1	0.1
Under drains & sewer	1.0	0.01	0.02		0.1	0.02

\* Third order survey

\*\*Right angle prism or transit angles from center line

\*\*\* Use blue tops for top of base course and red tops for the bottom of base course.

# 1. Survey frequency requirements

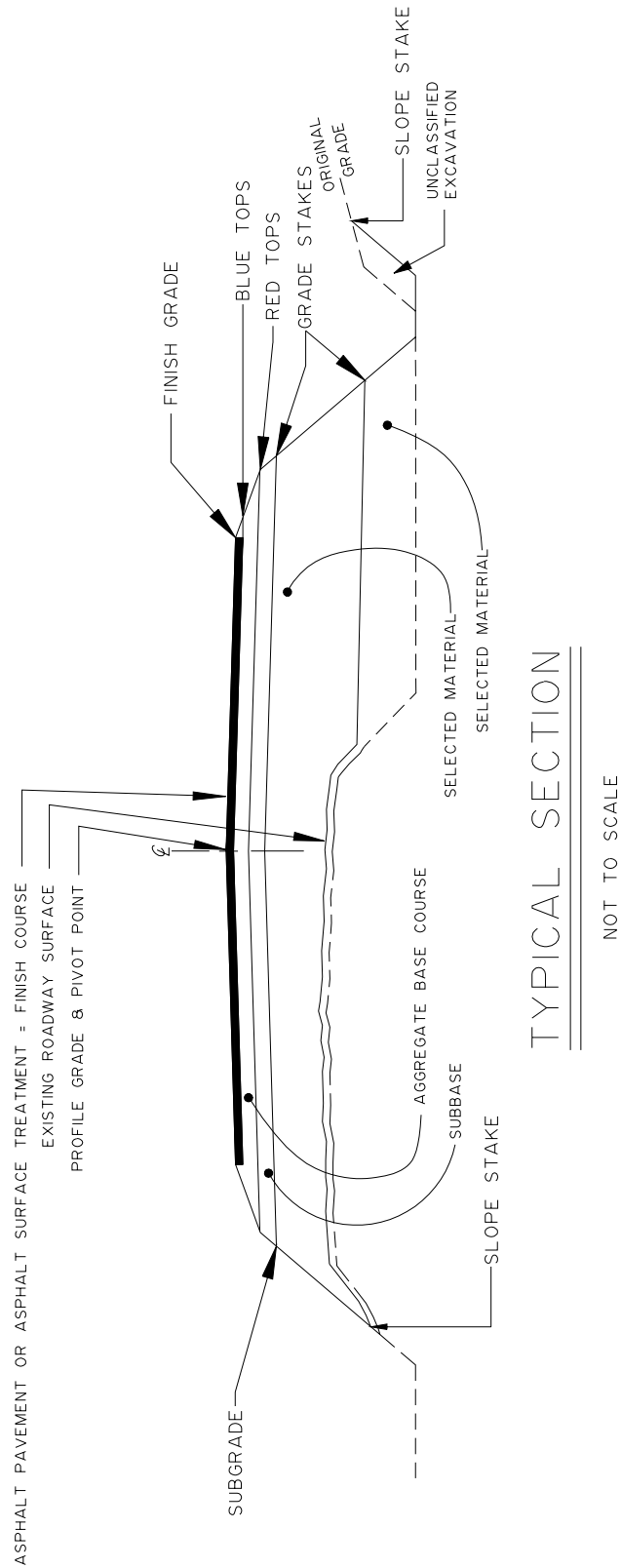
**Table 2—Survey frequency requirements (in feet)**

	Tangents	Curves	Interchange ramps	Stake each per plan	See special instructions on sample notes
Additional cross sections	*	*	*		
Bench marks					X
Blue tops	100	100**	25		X
Blue tops within 100 feet both sides of railroad track crossings and bridge approaches	25	25	25		X
Bridges				X	X
Center line	100	100**	25		
Clearing	100	100**	25		X
Culverts				X	X
Curb and gutter	25	25	25		
Grade stakes	100	100**	50		
Guardrail	25	25	25		
Manholes, catch basins & inlets				X	
Monuments				X	
Red tops	100	100**	25		X
Riprap	50	50	50		
Signs				X	
Slope stake / cross sections	100	100**	25		X
Under drains and sewers	50	25	25		

\* Establish additional cross sections and slope stakes at all breaks in topography and where structures begin and end.

\*\*Curves shall be staked on 50-foot stations if the curve is greater than six degrees.

## 2. Typical Section Drawing



### 3. Survey point materials requirements

- ✓ These are minimum requirements; larger sizes may be necessary.
- ✓ Use only stakes with planed sides.

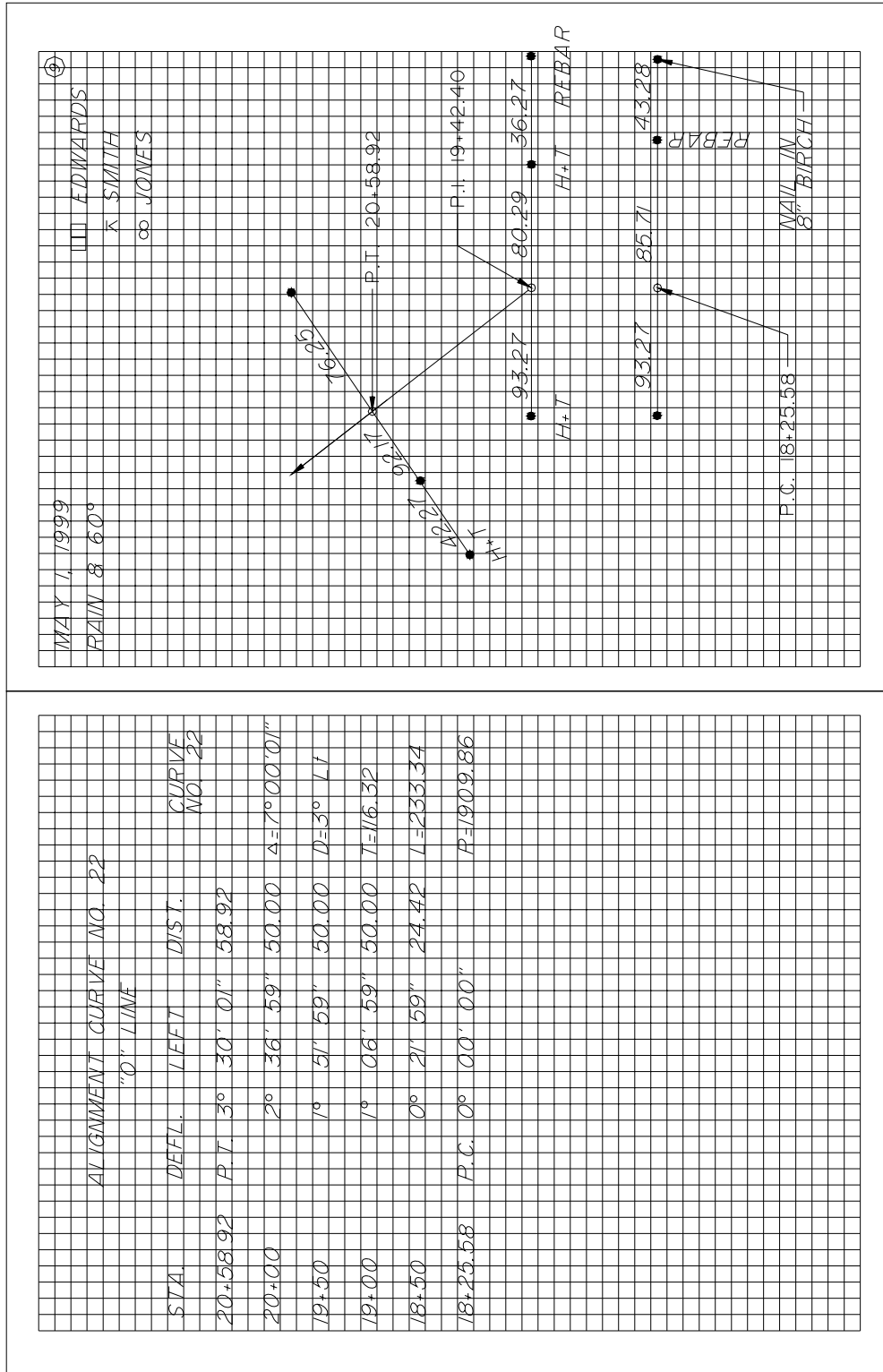
**Table 3—Survey point materials requirements**

	24" lath or whiskers	2" x 2" x 8" hub	2" x 2" x 12" hub	1" x 2" x 18" stake	1" x 2" x 24" stake	48" lath	Hub and tack	40d nail	60d nail	1/2" x 24" rebar
Benchmarks									X	
Blue tops	X	X								
Centerline P.C., P.T., P.O.T.			X	X			X *			X *
Centerline reference points			X	X			X *			X *
Centerline station				X				X		
Clearing						X				
Culvert stake			X		X	X				
Culvert stake references			X		X	X				
Curb and gutter			X		X		X			
Guardrail								X		
Major structures			X	X *	X *	X	X *			X *
Red tops	X	X								
Signs						X				
Slope stake					X	X				
Slope stake references			X		X	X				

\* Optional depending on conditions, and to be determined by the Project Engineer.

## 4. Typical alignment notes

- ✓ The Chief of Parties must prepare the alignment book before actual staking.
- ✓ Don't use swing ties for reference points.
- ✓ Use three point right angle ties, two to the right and one left, or vice versa.
- ✓ Reference P.C., P.I., P.T., and P.O.T.

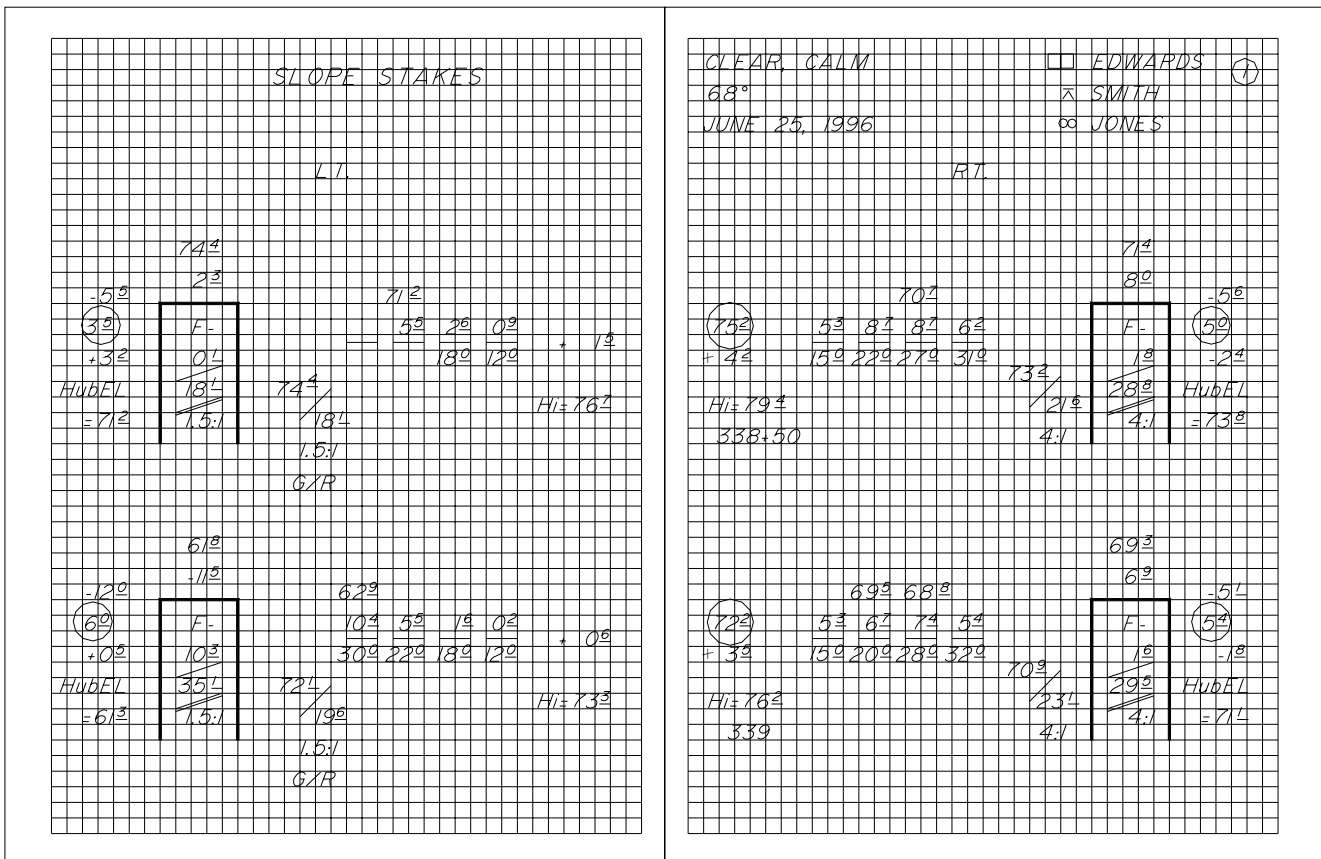






## 7. Typical slope stake notes

- ✓ Enter the station, elevations, shoulder distance or ditch distances, and slope in the slope stake book before staking begins.
- ✓ In areas where slides or overbreak are anticipated, extend the sections beyond the construction limits.
- ✓ Slope-stake each section that is cross-sectioned.
- ✓ Final re-cross sections are required where there are overbreaks, undercuts, etc. Re-cross section book and page numbers shall be noted on the original cross-section and slope staking page for the relevant stations.
- ✓ Include at least the following information on the stake: (1) where to begin the cut or fill (2) the slope ratio (3) the depth of cut or height of fill and (4) the station.
- ✓ Use a hand level only for one turn up or down from the instrument.
- ✓ Clearly note hand level turns.
- ✓ Use a reference point that is 10-20 feet beyond the slope stake.
- ✓ The reference point must show the cut or fill to the slope stake and must include the slope stake information.
- ✓ Slope stake all abrupt changes in typical sections.
- ✓ Position all laths to face centerline.

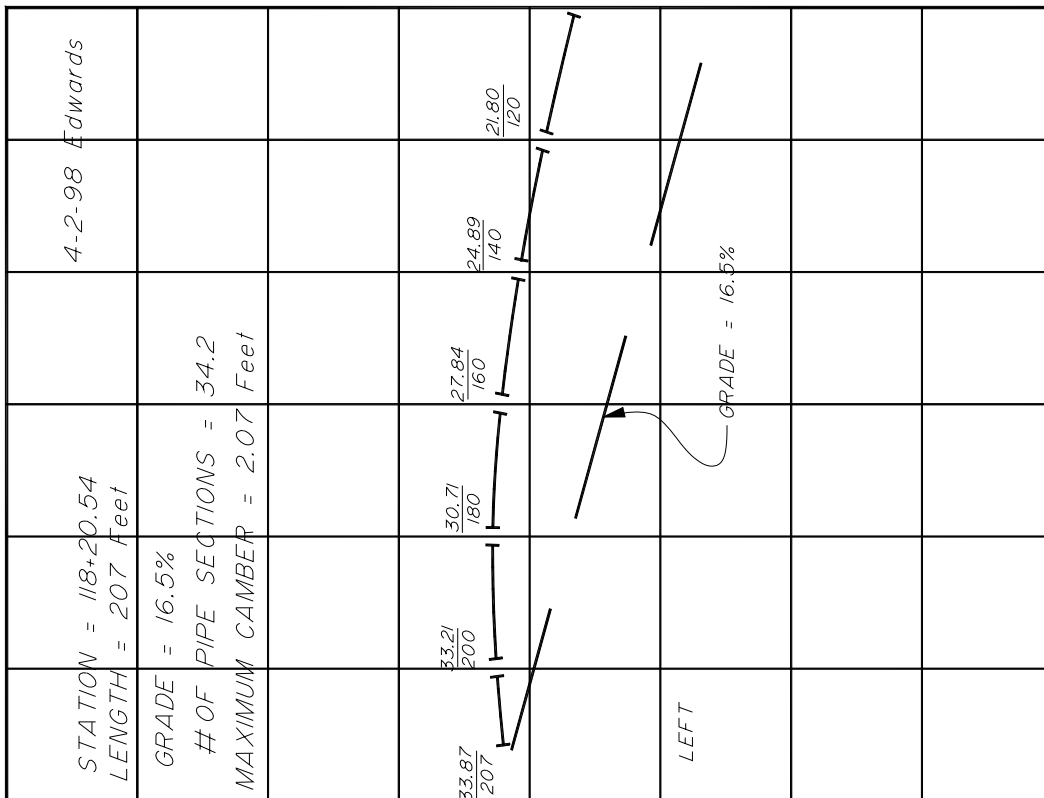
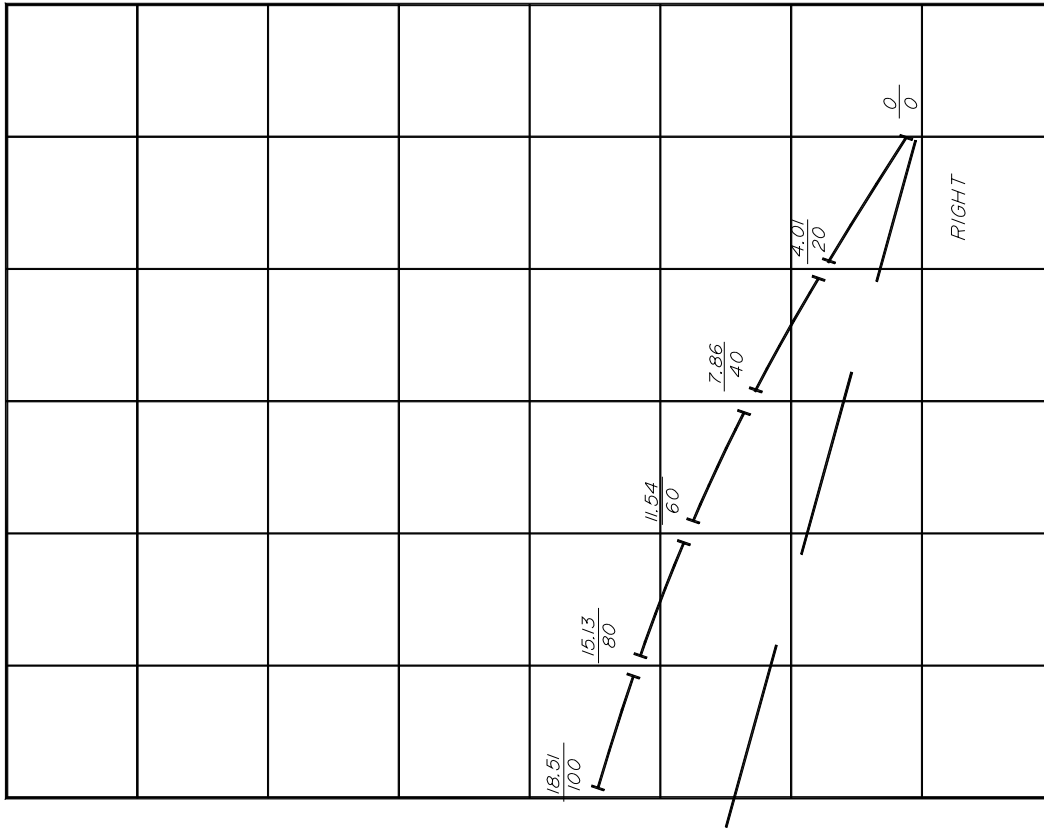


## 8. Typical culvert notes

- ✓ Show at least the following information on culvert stakes
  - station
  - size
  - length
  - type of pipe (e.g., 24" x 80' CMP)
  - cut or fill from top of hub to inlet & outlet
  - skew angle
  - horizontal distance from hub to end of pipe
  - gradient of pipe
  - drop of pipe
- ✓ Ensure that all culverts have a minimum camber equal to 1% of the length of the pipe, unless the Project Engineer directs otherwise.
- ✓ Develop a culvert camber diagram showing each section of pipe and its elevation and offset.

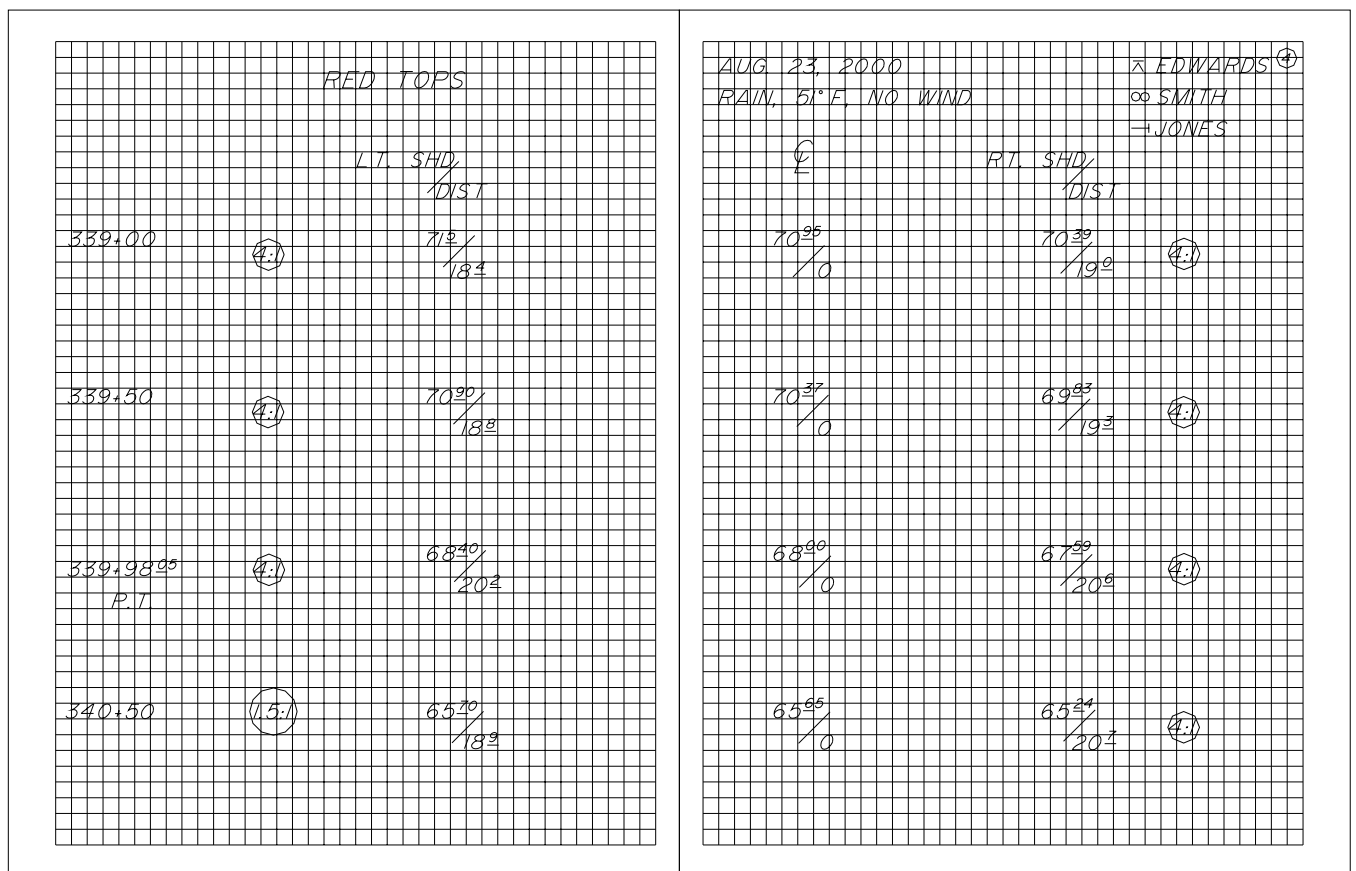
STA.	+	-	CMP STAKING	ELEV.	52"± OVERCAST L.T. BREEZE	Diagram	Notes
T.B.M. No. 101	871	Hi 6232 Z	IRS	5361	5-25-90		EDWARDS SMITH
① Hub LATH			164 1079	607 C-91 515 F-01		⑦2 Hub OUTLET INVERT=489	
② Hub LATH			1392 1270 1345	484 F-09 496 C-07 489 C-09	343	345 24'x60' 344+27 5-4.5%	
CMP TRAY (EXISTING)						① Hub INLET INVERT=516	
						L=24 L=12 0	

# 9. Typical culvert camber diagram



## 10. Typical blue or red tops and grade stake notes

- ✓ Place blue and red tops at each break in typical section and on centerline.
- ✓ Use blue tops for top of base course.
- ✓ Use red tops for the bottom of the base course.
- ✓ Evenly space red/blue tops at and between crown section break points with a maximum spacing of 25 feet between red/blue tops.
- ✓ Establish horizontal control from centerline references and vertical control from benchmarks.
- ✓ Place blue tops at the same interval as slope stakes.
- ✓ Stake all curve transitions.



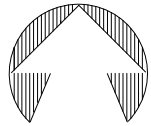
# **APPENDIX C**

## **STORM WATER POLLUTION PREVENTION PLAN (SWPPP)**

The Alaska Department of Natural Resources (ADNR) Abandoned Mine Lands Program (AML) has created this Erosion and Sediment Control Plan (ESCP). This ESCP shall be amended by the Contractor to incorporate the project material source sites, HMCP, SPCC, and any other modification the contractor determines is necessary.

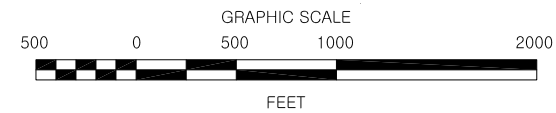
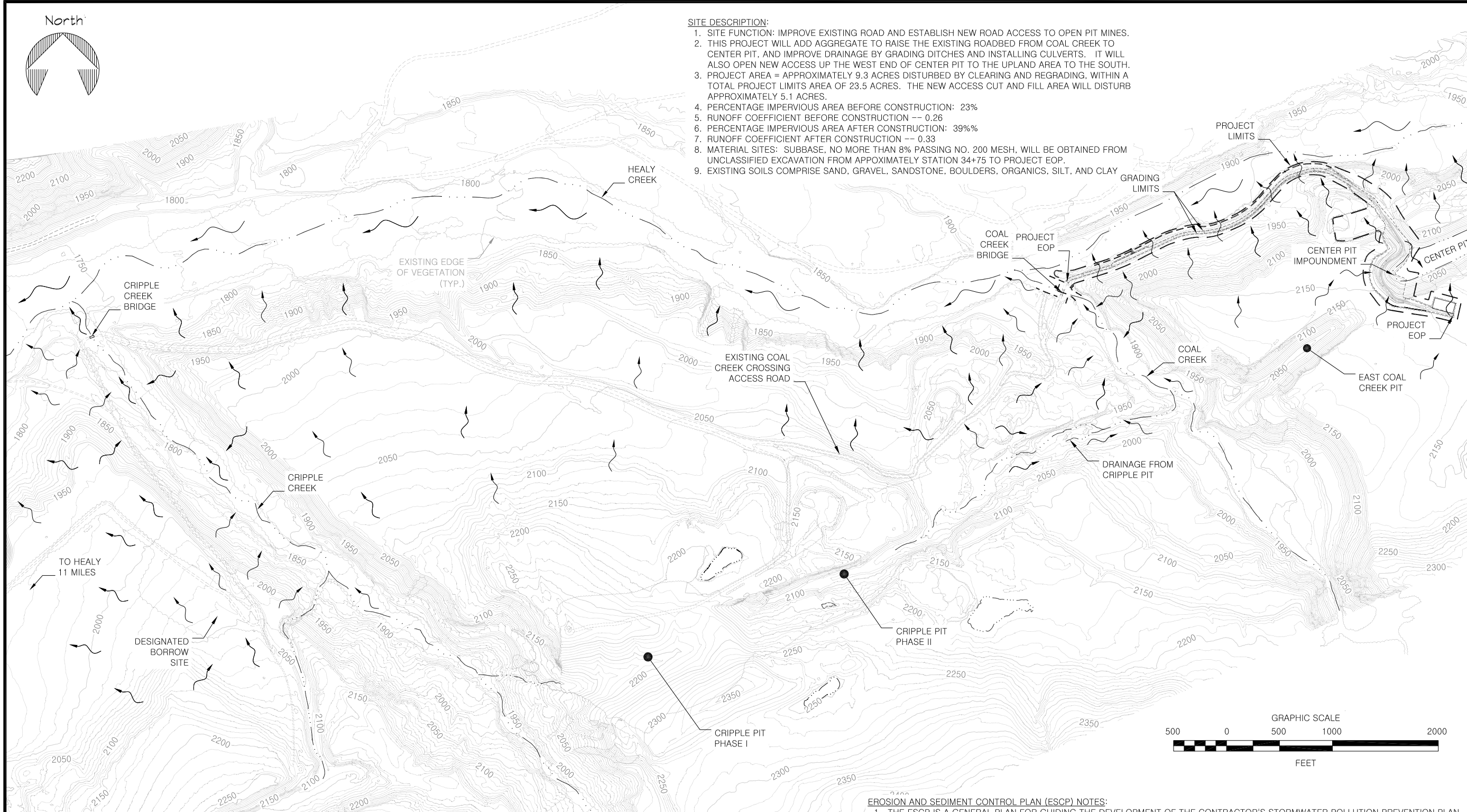
The Contractor shall use the attached ESCP to meet Alaska Department of Environmental Conservation requirements for construction.

North



**SITE DESCRIPTION:**

1. SITE FUNCTION: IMPROVE EXISTING ROAD AND ESTABLISH NEW ROAD ACCESS TO OPEN PIT MINES.
2. THIS PROJECT WILL ADD AGGREGATE TO RAISE THE EXISTING ROADBED FROM COAL CREEK TO CENTER PIT, AND IMPROVE DRAINAGE BY GRADING DITCHES AND INSTALLING CULVERTS. IT WILL ALSO OPEN NEW ACCESS UP THE WEST END OF CENTER PIT TO THE UPLAND AREA TO THE SOUTH.
3. PROJECT AREA = APPROXIMATELY 9.3 ACRES DISTURBED BY CLEARING AND REGRADING, WITHIN A TOTAL PROJECT LIMITS AREA OF 23.5 ACRES. THE NEW ACCESS CUT AND FILL AREA WILL DISTURB APPROXIMATELY 5.1 ACRES.
4. PERCENTAGE IMPERVIOUS AREA BEFORE CONSTRUCTION: 23%
5. RUNOFF COEFFICIENT BEFORE CONSTRUCTION -- 0.26
6. PERCENTAGE IMPERVIOUS AREA AFTER CONSTRUCTION: 39%
7. RUNOFF COEFFICIENT AFTER CONSTRUCTION -- 0.33
8. MATERIAL SITES: SUBBASE, NO MORE THAN 8% PASSING NO. 200 MESH, WILL BE OBTAINED FROM UNCLASSIFIED EXCAVATION FROM APPROXIMATELY STATION 34+75 TO PROJECT EOP.
9. EXISTING SOILS COMPRISE SAND, GRAVEL, SANDSTONE, BOULDERS, ORGANICS, SILT, AND CLAY



**NOTES:**

1. ELEVATIONS, LINES, GRADES, AND QUANTITIES ARE APPROXIMATE. TOPOGRAPHY WAS GENERATED FROM LIDAR DATA ACQUIRED BY QUANTUM SPATIAL ON MAY 4, 2015.
2. BEST MANAGEMENT INSTALLATIONS AND PRACTICES ARE SUBJECT TO APPROVAL OF THE PROJECT ENGINEER.
3. STORM WATER POLLUTION PREVENTION PLAN SUBMITTAL AND ENFORCEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR. BEST MANAGEMENT PRACTICES SHALL INCLUDE THE FOLLOWING:
  - A. MARK CLEARING LIMITS.
  - B. INSTALL PERIMETER CONTROLS AND PHYSICAL BMPs AT PROJECT OUTSET, & REROUTE WATER AS NEEDED, PRIOR TO EARTH-DISTURBING ACTIVITIES.
  - C. INSTALL BMPs AS SHOWN & NEEDED, ON AN ONGOING BASIS, TO PREVENT EROSION OR CONTAIN SEDIMENTATION.
  - D. WATER ROADWAYS AND ACCESS CORRIDORS TO SUPPRESS FUGITIVE DUST.
  - E. COVER STOCKPILES TO PREVENT SEDIMENT MOBILIZATION.
4. RECEIVING WATERS. A 4,000 FOOT REACH OF HEALY CREEK, LYING 100-400 FEET NORTHWARD.
5. BMPs CONSIST OF APPROXIMATELY 50-500 FEET OF VEGETATIVE BUFFER SEPARATING ROAD PROJECT FROM HEALY CREEK TO THE NORTH.
6. CONTROLS AND PRACTICES SHALL BE PUT IN PLACE TO PROTECT RUNOFF AND SEDIMENT FROM ENTERING HEALY AND COAL CREEKS IN THE VICINITY OF PROJECT.

**ENVIRONMENTAL INFORMATION:**

1. RECEIVING WATER BODIES: HEALY CREEK, COAL CREEK.
2. IMPAIRED WATER BODIES: NONE.
3. THREATENED AND ENDANGERED SPECIES: NONE.
4. HISTORIC IMPACTS: NONE KNOWN.
5. MIGRATORY BIRD TREATY ACT: CLEARING AND GRUBBING ACTIVITIES BETWEEN MAY 1 AND JULY 15 MAY INTERFERE WITH MIGRATORY BIRDS. REFER TO THE U.S. FISH AND WILDLIFE SERVICE FOR DETAILS.
6. CONTACT THE PROJECT ENGINEER WITH ADDITIONAL QUESTIONS/CONCERNS REGARDING ENVIRONMENTAL MATTERS.

**ASSUMED CONSTRUCTION SEQUENCE:**

1. BMP INSTALLATION.
2. CLEARING AND GRUBBING.
3. REGRADING OF ROADS AND DITCHES.
4. ROAD SURFACE COMPACTION FOR FINAL STABILIZATION.
5. REMOVE BMPs

**EROSION AND SEDIMENT CONTROL PLAN (ESCP) NOTES:**

1. THE ESCP IS A GENERAL PLAN FOR GUIDING THE DEVELOPMENT OF THE CONTRACTOR'S STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE CONTRACTOR IS EXPECTED TO PROVIDE ADDITIONAL DETAILS AND BEST MANAGEMENT PRACTICES (BMPs) BASED ON THE CONTRACTOR'S ACTUAL SCHEDULE.
2. THE CONTRACTOR SHALL IDENTIFY ALL OPERATIONAL CULVERTS IN THE PROJECT THAT WILL BE IMPACTED BY STORMWATER FROM PROJECT ACTIVITIES, AND PROVIDE INLET AND OUTLET PROTECTION FOR THOSE CULVERTS.
3. THE CONTRACTOR SHALL MINIMIZE THE AMOUNT OF DISTURBED AREA OPEN TO EROSION AT ANY ONE TIME.
4. EROSION AND SEDIMENT CONTROL BMPs SHALL BE INSTALLED WITHIN 7 DAYS IN AREAS WHERE EARTHWORK DISTURBANCE HAS TEMPORARILY OR PERMANENTLY CEASED.
5. ALL DISTURBED GROUND CAPABLE OF SUPPORTING VEGETATION SHALL BE REVEGETATED FOR FINAL STABILIZATION. FINAL STABILIZED AREAS NOT REVEGETATED SHALL BE 100% COVERED BY ROCK, SAND AND GRAVEL OR OTHER PERMANENT NON-ERODIBLE MATERIAL.
6. TEMPORARY PERIMETER CONTROL BMPs SHALL BE INSTALLED BEFORE ANY UPGRADIENT SOIL DISTURBANCE OCCURS.
7. PROVIDE PERIMETER CONTROLS IN AREAS NOT SHOWN ON THE PLANS AS NEEDED TO PREVENT SEDIMENT FROM LEAVING THE PROJECT AREA.
8. RETAIN A VEGETATIVE BUFFER STRIP IN UPLAND AREAS WHEREVER POSSIBLE. VEGETATIVE BUFFER STRIPS MAY BE USED IN LIEU OF SEDIMENT BARRIERS FOR PERIMETER CONTROL WITH SUFFICIENT WIDTH FOR THE CATCHMENT AREA.
9. AVOID CONDITIONS WHICH PROMOTE CONCENTRATED FLOWS. INSTALL VELOCITY CONTROL BMPs WHEN CONCENTRATED FLOWS OCCUR.
10. SLOPE PROTECTION MAY INCLUDE SLOPE ROUGHENING, TACKIFYING, EROSION CONTROL BLANKETS, SEEDING, ROCK LINING, OR OTHER METHODS APPROVED BY THE PROJECT ENGINEER.
11. ALL STOCKPILES OF ERODIBLE MATERIALS SHALL HAVE PERIMETER CONTROL IN PLACE.

STATE OF ALASKA, DEPARTMENT OF NATURAL RESOURCES  
 PLANS DEVELOPED BY: DIVISION OF PARKS AND OUTDOOR RECREATION  
 550 W 7TH AVE. SUITE 1340, ANCHORAGE, AK 99501 - 907.269.8731

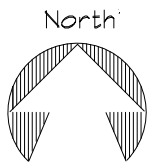
EROSION & SEDIMENT CONTROL PLAN  
 HEALY CENTER PIT ROAD OVERVIEW

HEALY CENTER PIT ROAD  
 PROJECT No. 52959-8



PREPARED: RDA  
 DRAWN: RDA  
 REVIEWED: RBM  
 DATE: 02/06/2026

SHEET  
 1  
 OF 2 SHEETS



**SITE DESCRIPTION:**

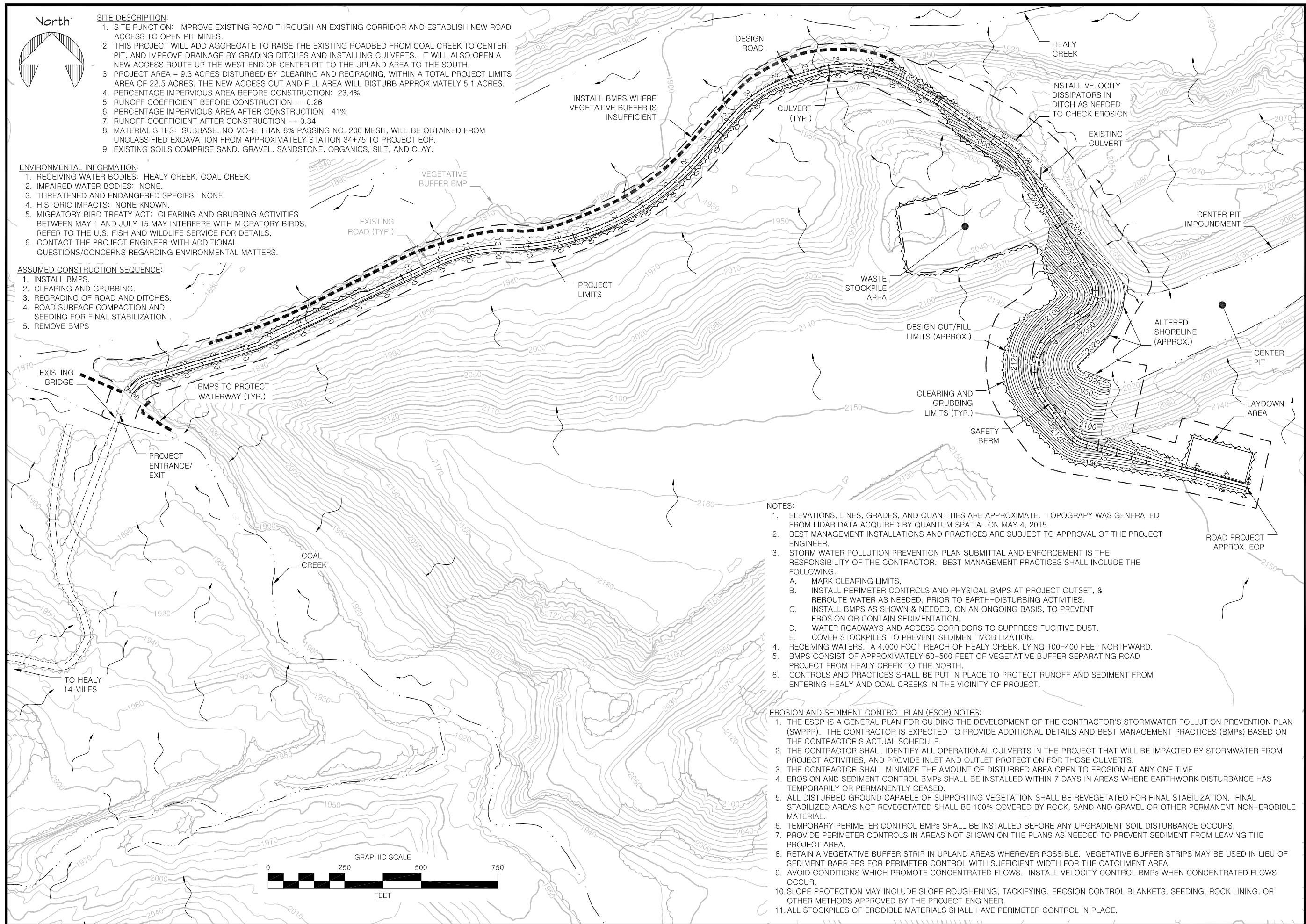
1. SITE FUNCTION: IMPROVE EXISTING ROAD THROUGH AN EXISTING CORRIDOR AND ESTABLISH NEW ROAD ACCESS TO OPEN PIT MINES.
2. THIS PROJECT WILL ADD AGGREGATE TO RAISE THE EXISTING ROADBED FROM COAL CREEK TO CENTER PIT, AND IMPROVE DRAINAGE BY GRADING DITCHES AND INSTALLING CULVERTS. IT WILL ALSO OPEN A NEW ACCESS ROUTE UP THE WEST END OF CENTER PIT TO THE UPLAND AREA TO THE SOUTH.
3. PROJECT AREA = 9.3 ACRES DISTURBED BY CLEARING AND REGRADING, WITHIN A TOTAL PROJECT LIMITS AREA OF 22.5 ACRES. THE NEW ACCESS CUT AND FILL AREA WILL DISTURB APPROXIMATELY 5.1 ACRES.
4. PERCENTAGE IMPERVIOUS AREA BEFORE CONSTRUCTION: 23.4%
5. RUNOFF COEFFICIENT BEFORE CONSTRUCTION -- 0.26
6. PERCENTAGE IMPERVIOUS AREA AFTER CONSTRUCTION: 41%
7. RUNOFF COEFFICIENT AFTER CONSTRUCTION -- 0.34
8. MATERIAL SITES: SUBBASE, NO MORE THAN 8% PASSING NO. 200 MESH, WILL BE OBTAINED FROM UNCLASSIFIED EXCAVATION FROM APPROXIMATELY STATION 34+75 TO PROJECT EOP.
9. EXISTING SOILS COMPRISE SAND, GRAVEL, SANDSTONE, ORGANICS, SILT, AND CLAY.

**ENVIRONMENTAL INFORMATION:**

1. RECEIVING WATER BODIES: HEALY CREEK, COAL CREEK.
2. IMPAIRED WATER BODIES: NONE.
3. THREATENED AND ENDANGERED SPECIES: NONE.
4. HISTORIC IMPACTS: NONE KNOWN.
5. MIGRATORY BIRD TREATY ACT: CLEARING AND GRUBBING ACTIVITIES BETWEEN MAY 1 AND JULY 15 MAY INTERFERE WITH MIGRATORY BIRDS. REFER TO THE U.S. FISH AND WILDLIFE SERVICE FOR DETAILS.
6. CONTACT THE PROJECT ENGINEER WITH ADDITIONAL QUESTIONS/CONCERNS REGARDING ENVIRONMENTAL MATTERS.

**ASSUMED CONSTRUCTION SEQUENCE:**

1. INSTALL BMPs.
2. CLEARING AND GRUBBING.
3. REGRADING OF ROAD AND DITCHES.
4. ROAD SURFACE COMPACTION AND SEEDING FOR FINAL STABILIZATION.
5. REMOVE BMPs



**NOTES:**

1. ELEVATIONS, LINES, GRADES, AND QUANTITIES ARE APPROXIMATE. TOPOGRAPHY WAS GENERATED FROM LIDAR DATA ACQUIRED BY QUANTUM SPATIAL ON MAY 4, 2015.
2. BEST MANAGEMENT INSTALLATIONS AND PRACTICES ARE SUBJECT TO APPROVAL OF THE PROJECT ENGINEER.
3. STORM WATER POLLUTION PREVENTION PLAN SUBMITTAL AND ENFORCEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR. BEST MANAGEMENT PRACTICES SHALL INCLUDE THE FOLLOWING:
  - A. MARK CLEARING LIMITS.
  - B. INSTALL PERIMETER CONTROLS AND PHYSICAL BMPs AT PROJECT OUTSET, & REROUTE WATER AS NEEDED, PRIOR TO EARTH-DISTURBING ACTIVITIES.
  - C. INSTALL BMPs AS SHOWN & NEEDED, ON AN ONGOING BASIS, TO PREVENT EROSION OR CONTAIN SEDIMENTATION.
  - D. WATER ROADWAYS AND ACCESS CORRIDORS TO SUPPRESS FUGITIVE DUST.
  - E. COVER STOCKPILES TO PREVENT SEDIMENT MOBILIZATION.
4. RECEIVING WATERS. A 4,000 FOOT REACH OF HEALY CREEK, LYING 100-400 FEET NORTHWARD. BMPs CONSIST OF APPROXIMATELY 50-500 FEET OF VEGETATIVE BUFFER SEPARATING ROAD PROJECT FROM HEALY CREEK TO THE NORTH.
5. CONTROLS AND PRACTICES SHALL BE PUT IN PLACE TO PROTECT RUNOFF AND SEDIMENT FROM ENTERING HEALY AND COAL CREEKS IN THE VICINITY OF PROJECT.

**EROSION AND SEDIMENT CONTROL PLAN (ESCP) NOTES:**

1. THE ESCP IS A GENERAL PLAN FOR GUIDING THE DEVELOPMENT OF THE CONTRACTOR'S STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE CONTRACTOR IS EXPECTED TO PROVIDE ADDITIONAL DETAILS AND BEST MANAGEMENT PRACTICES (BMPs) BASED ON THE CONTRACTOR'S ACTUAL SCHEDULE.
2. THE CONTRACTOR SHALL IDENTIFY ALL OPERATIONAL CULVERTS IN THE PROJECT THAT WILL BE IMPACTED BY STORMWATER FROM PROJECT ACTIVITIES, AND PROVIDE INLET AND OUTLET PROTECTION FOR THOSE CULVERTS.
3. THE CONTRACTOR SHALL MINIMIZE THE AMOUNT OF DISTURBED AREA OPEN TO EROSION AT ANY ONE TIME.
4. EROSION AND SEDIMENT CONTROL BMPs SHALL BE INSTALLED WITHIN 7 DAYS IN AREAS WHERE EARTHWORK DISTURBANCE HAS TEMPORARILY OR PERMANENTLY CEASED.
5. ALL DISTURBED GROUND CAPABLE OF SUPPORTING VEGETATION SHALL BE REVEGETATED FOR FINAL STABILIZATION. FINAL STABILIZED AREAS NOT REVEGETATED SHALL BE 100% COVERED BY ROCK, SAND AND GRAVEL OR OTHER PERMANENT NON-ERODIBLE MATERIAL.
6. TEMPORARY PERIMETER CONTROL BMPs SHALL BE INSTALLED BEFORE ANY UPGRADIENT SOIL DISTURBANCE OCCURS.
7. PROVIDE PERIMETER CONTROLS IN AREAS NOT SHOWN ON THE PLANS AS NEEDED TO PREVENT SEDIMENT FROM LEAVING THE PROJECT AREA.
8. RETAIN A VEGETATIVE BUFFER STRIP IN UPLAND AREAS WHEREVER POSSIBLE. VEGETATIVE BUFFER STRIPS MAY BE USED IN LIEU OF SEDIMENT BARRIERS FOR PERIMETER CONTROL WITH SUFFICIENT WIDTH FOR THE CATCHMENT AREA.
9. AVOID CONDITIONS WHICH PROMOTE CONCENTRATED FLOWS. INSTALL VELOCITY CONTROL BMPs WHEN CONCENTRATED FLOWS OCCUR.
10. SLOPE PROTECTION MAY INCLUDE SLOPE ROUGHENING, TACKIFYING, EROSION CONTROL BLANKETS, SEEDING, ROCK LINING, OR OTHER METHODS APPROVED BY THE PROJECT ENGINEER.
11. ALL STOCKPILES OF ERODIBLE MATERIALS SHALL HAVE PERIMETER CONTROL IN PLACE.

STATE OF ALASKA, DEPARTMENT OF NATURAL RESOURCES  
 PLANS DEVELOPED BY: DIVISION OF PARKS AND OUTDOOR RECREATION  
 550 W 7TH AVE. SUITE 1340, ANCHORAGE, AK 99501 - 907.269.8731

ESCP

HEALY CENTER PIT ROAD  
 PROJECT No. 52959-8



PREPARED: RDA  
 DRAWN: RDA  
 REVIEWED: RBM  
 DATE: 02/06/2026

SHEET

2

OF 2 SHEETS

# **APPENDIX D**

## **RECON Geotechnical Findings Report – Healy, Center Pit**

1. Geotechnical Findings Report by RECON: Rowland Engineering Consultants, November 3, 2025



## Geotechnical Findings Report

November 3, 2025

Attn: Justin Ireys, AML Program Manager  
Alaska Department of Natural Resources, DMLW

Re: Geotechnical Findings Report – Healy, Center Pit

Mr. Ireys,

RECON LLC (RECON) has completed geotechnical services in support of road design for accessing the Upper Study Area south of Center Pit, near Healy, Alaska. This Geotechnical Findings Report (GFR) presents the findings from the subsurface investigation.

### PROJECT UNDERSTANDING

The goal for the overall project included establishing access to the south side of Center Pit, described as the “Upper Study Area”. RECON was contracted to provide DNR with site investigation and road design services from the existing access road on the north side of Center Pit to the Upper Study Area on the south of Center Pit. The Upper Study Area is on an alluvial terrace near 2,120 feet elevation, while the end of the current access road is near 2,030 feet elevation. The design criteria for the proposed road included a design life of 20 years and the ability to safely accommodate two-way traffic of large earthmoving equipment up to 85 tons. To support the road design, RECON completed this geotechnical investigation along the proposed road alignment.

### SCOPE OF WORK

The scope of work for the geotechnical investigation consisted of developing an understanding of subsurface conditions using site observations, geological mapping, and test pits. The information gathered was specifically intended to inform the route selection and engineering for the proposed access road. A description of the field effort, encountered subsurface conditions, anticipated challenges, recommendations, a map and table showing the exploration locations, test pit logs, field photographs, and laboratory test results are presented in the



following sections. A preferred route based on the field findings is included on the map in Appendix A.

### FIELD EFFORT

RECON completed an initial site reconnaissance on August 27, 2025 to gain an understanding of the general site conditions and project goals. This visit was used to scope the geotechnical investigations. Based on the information collected, it was determined that a combination of surface mapping and test pits would provide the needed information.

RECON staff Peppi Bolz, Isaac Rowland, and Zach LeBlanc met with DNR staff at the site on September 22, 2025 to complete the geotechnical investigation described in this report. Weather conditions were overcast with intermittent light rain and snow, no wind, and temperatures near 35°F.

During the September site visit, the RECON team observed four test pits, dug one test hole by hand, and observed surface material conditions along potential routes and in exposed cuts. Test pits were specifically sited to provide cross sections of several different materials expected to be encountered during road construction. The top of the terrace was not feasible to access with equipment, but the open face of the pit wall provided an excellent cross section of the near surface geology.

#### Test Pits

Scarsella Bros, Inc. provided a CAT 349L Excavator and operator to advance the test pits. The excavator was outfitted with a 50-inch-wide bucket. Test pits were backfilled with the excavated material. Table 1 presents test pit locations. A site map with test pit locations is included in Appendix A. RECON collected several samples from the test pits for later review and laboratory testing. Appendix B presents the test pit logs and Appendix C presents laboratory testing results. One test hole was hand-dug on the alluvial terrace to note overburden thickness. Locations of the test pits and test hole were collected using a handheld GPS.

Table 1: Exploration Locations (Datum: WGS84)

Identifier	Type	Latitude	Longitude	Total Depth <sup>1</sup>
TP-1	Test Pit	63.88131	-148.66206	18.0
TP-2	Test Pit	63.88118	-148.66125	14.0
TP-3	Test Pit	63.88102	-148.66058	8.0
TP-4	Test Pit	63.88178	-148.66163	8.0
TH-1	Test Hole (hand dug)	63.87930	-148.65926	1.0

Notes:

<sup>1</sup> Feet below ground surface



## FINDINGS

Descriptions of site observations, summary of geologic conditions, subsurface conditions, and anticipated challenges are presented in the following sections.

### Site Observations

Center Pit is part of a northeast-southwest trending abandoned coal pit. The site is located 11 miles east of Healy and 500 feet south of Healy Creek. The overall pit complex consists of the connected Center Pit (southwest) and Apex Pit (northeast). Center Pit is partially filled with water. Pit sidewalls are steep with slope angles near 30 to 35°. Coal seams are visible in the pit walls on the north side (see Figure 1).



*Figure 1: Center Pit (view northwest, note coal seam and contact between sedimentary rocks and alluvial terrace gravel).*

The site is located on an alluvial terrace that is about 200 feet above the current Healy Creek floodplain. The elevation difference between the end of the existing Center Pit access road and the top of the terrace is about 100 feet. Natural slopes from the top of the terrace towards Healy Creek are steep, with slope angles up to 30°.

Overburden on the alluvial terrace consists of silt with organics and is relatively thin (generally less than 1 foot-thick). Figure 2 shows an abandoned road on the alluvial terrace south of Center Pit. Road construction on the alluvial terrace is expected to involve removal of overburden and minimal grading.



Figure 2: Old road south of Center Pit.

**Natural vegetation** cover includes spruce, aspen, and birch trees up to 10-inch in diameter. Thick sections of alders were noted along some previously disturbed areas.

**Historic mining equipment** and objects were noted west of Center Pit.

**Previous access:** A historic access road from a bridge at Coal Creek to Center Pit was re-established in Summer 2025. The access road to Apex crossed the Healy Creek floodplain and entered Apex on the northeast side. This access has since been washed out by Healy Creek and has not been re-established.

The elevated area surrounding the pit contains a network of old roads and trails (see Figure 2). These roads were likely accessed from the east via Apex and via a narrow road that followed the east slope of Coal Creek valley 0.5 mile west of Center Pit. This abandoned trail is steep with grades up to 30% and several sections that have been eroded by slope failures.

**Spoil piles** are visible in aerial imagery and elevation data north of the pit. Spoil pile surfaces are uneven and partially covered with alders and small trees (see Figure 3).



Figure 3: Surface of spoil pile north of Center Pit (view west).

### Summary of Site Geologic Conditions

The site is within the Healy Creek valley. Healy Creek is a westerly flowing stream that flows into the Nenana River about 10 miles west of the site near Healy, Alaska, along the north flank of the Alaska Range. Headwaters of Healy Creek are approximately 15 miles east of the site near Cody Pass.

Hills north and south of the Healy Creek valley reach up to 3,000 and 6,000 feet, respectively and are generally composed of Birch Creek Schist of Precambrian or Paleozoic age with basalt and latite dikes of Tertiary age (Wahrhaftig, 1970).

Tertiary sedimentary rocks extend from the study site west along the Healy Creek valley and unconformably overlie the Birch Creek Schist. The coal-bearing group of these tertiary sedimentary deposits include (from oldest to youngest): The Healy Creek Formation, Sanctuary Formation, Suntrana Formation, and Grubstake and Lignite Formations. These formations commonly consist of cyclic repetitions of conglomerate, sandstone, siltstone, shale, claystone and coal (from oldest to youngest) and are generally poorly to moderately consolidated (Wahrhaftig, 1944 and 1970).

The younger tertiary Nenana Gravel unit consists of poorly consolidated pebble to boulder conglomerate and coarse sandstone and overlies the coal-bearing group north of Healy Creek between the Nenana River and Gold Run Creek (approximately 1.5 miles west of the site).



Quaternary alluvial, alluvial terrace, and pediment gravel deposits overlies parts of the tertiary sedimentary sequence along the Healy Creek floodplain and on the lower-lying slopes of the valley, up to one mile from Healy Creek. Alluvial terrace deposits at the site were deposited on top of the coal-bearing sequence by Coal Creek as part of an alluvial fan (Wahrhaftig, 1944 and 1970).

Tertiary rocks in the Healy Creek valley are bounded to the north by a steeply dipping fault which up-thrust Birch Creek Schist north of the fault. The axis of a syncline parallels the fault to the south. Beds south of the fold dip 25 to 40° to the north and beds north of the fold dip 65 to 90° south (Wahrhaftig, 1944, see Figure 4). The coal seam exposed in the northern slope of Center Pit dips approximately 40° towards the northwest.

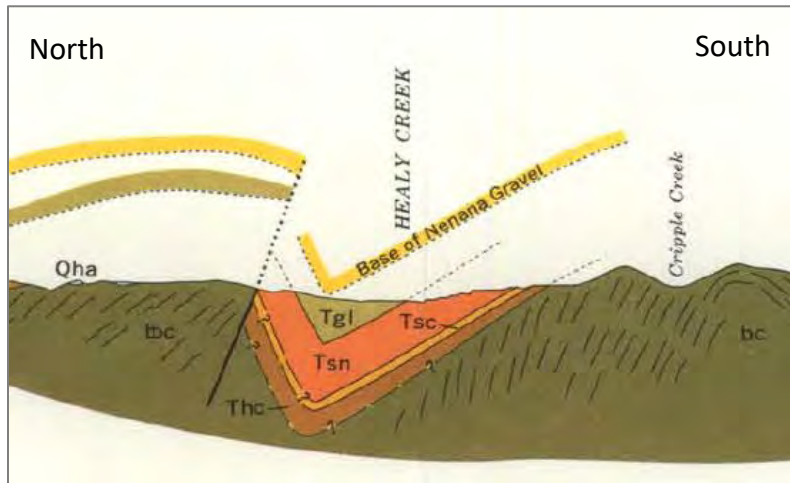


Figure 4: Geologic cross section near Cripple Creek (modified after Wahrhaftig, 1970).

Notes:

Bc = Birch Creek Schist, Thc = Healy Creek Formation, Tsc = Sanctuary Formation, Tsn = Suntrana Formation, Tgl = Grubstake and Lignite Creek Formations



### Subsurface Conditions

Subsurface conditions in the area generally consist of sand and gravel alluvial terrace deposits with cobbles and occasional boulders overlying northerly dipping, highly weathered, extremely friable sedimentary bedrock with coal seams. A thin (1-inch to 6-inch thick) layer of silty organic overburden overlies the alluvial terrace deposits.

**Silty organic overburden:** Dark brown, loose, Silt (ML) with organics (roots and decomposed).

**Alluvial terrace deposits:** Gray-brown, loose, well-graded Gravel with Sand (GW) and trace fines; fine to coarse, subangular to subrounded gravel and sand with up to 10 percent cobbles by volume (see Figure 1).

**Clay:** An approximately 3-foot thick layer of clay (see Figure 5) was encountered overlying highly weathered sandstone bedrock in TP-2. Clay was not noted in TP-3 between the sandstone bedrock and alluvial terrace deposits. Clay was also encountered in two borings performed by others near the Cripple Creek Crossing. It was unclear whether the clay layer is part of the sedimentary rock sequence and thus highly weathered claystone or clay that was deposited after erosion of the sedimentary rock and prior to the deposition of alluvial gravel.



Figure 5: Gray, moist to wet clay in excavator bucket.



**Sandstone bedrock:** Light gray, extremely weathered and friable sandstone bedrock (Figure 6) consisting of fine- to medium-grained sand outcrops along the existing road cut and within Center Pit. Sandstone can be dislodged by hand and crumbles with little pressure. The top of sandstone appears to be nearly horizontal (likely due to glacial and fluvial erosion). Sandstone is overlain by approximately 50 to 70 feet of alluvial terrace deposits. Clay was encountered between the sandstone and alluvial terrace deposits in one test pit.



Figure 6: Sandstone in road cut (view north). Note RECON field staff for scale.

A **coal seams** is visible in the slope on the north side of Center Pit (see Figure 1). The seam dips approximately 40° towards the northwest and was estimated at 20 feet thick.

Very hard, brown **chert** was noted in colluvium near the coal seam. The excavator operator noted that this material had been encountered in excavations elsewhere and was extremely difficult to rip.

**Spoil piles** consist of well-graded gravel with silt and sand (GW-GM) to well-graded sand with silt and gravel (SW-SM) and are made up of highly weathered and decomposed sand and



siltstone bedrock, coal fragments, and alluvial gravel with sand and cobbles. Fines content likely varies and is elevated compared to the alluvial gravel.

**Water** was not observed in any of the test pits. A seep was noted west of the access road near elevation 2,018 feet (see Figure 7). The seep is likely connected to the water in the pit which is near 2,020 feet elevation.



Figure 7: Seep (indicated by blue arrow) west of re-established access road to bottom of Center Pit (view south).

**Frost-susceptible soils:** Organic silty overburden, clay, and spoil pile material is likely frost susceptible due to elevated fines contents.

**Permafrost** was not observed at the site.



### Anticipated Challenges

RECON considered several routes to connect the existing access road to the area south of Center Pit. The preferred route crosses part of the spoil pile north of Center Pit and then climbs along the western pit sidewall (see map in Appendix A). The route will primarily consist of a side-cut into the existing pit slope and is expected to produce a significant volume of good quality alluvial gravel material.

Anticipated challenges for this route include:

- Steep terrain with loose soils.
- Water management during and after construction.
- Potential for encountering clay and/or chert layers during construction.
- Potential for rutting due to highly weathered sandstone.
- The seep north of the pit appears to be hydraulically connected to the water level in the pit.
- Managing the substantial material excavated from side cut construction.

### RECOMMENDATIONS

RECON makes the following recommendations specific to the proposed road construction:

- Optimize the proposed road route to avoid the coal and chert seams to the extent feasible.
- Remove any clay layers encountered and back-fill with compacted gravel.
- Over-excavate the road sections through friable sedimentary rock and replace with compacted gravel.
- Monitor construction through spoil piles for potentially deleterious material or sections with significantly elevated fines contents. Over-excavate deleterious material and material with elevated fines content and replace with compacted gravel.
- Establish proper drainage during and after construction.
- Minimize impact to the existing seep north of the pit. Do not excavate in or near the seep.
- Utilize the alluvial gravels for embankment construction.

### CONCLUSIONS

RECON completed geotechnical field investigations to support the identification and design of a preferred access alternative from existing infrastructure to the “Upper Study Area” south of Center Pit. The field investigations identified potential challenges and confirmed expected subsurface conditions at the site. Based on the geotechnical field investigations, the preferred



route along the inside wall of Center Pit is a feasible option that should be pursued for design and construction.

We appreciate the opportunity to provide geotechnical engineering services to DNR. Please contact us with any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Peppi Bolz".

Peppi (Patrizia) Bolz, PE, CPG  
RECON LLC

Attachments:

A – Site Map

B – Test Pit Logs

## References

- Csejtey, Bela, Jr., Mullen, M.W., Cox, D.P., Gilbert, W.G., Yeend, W.E., Smith, T.E., Wahrhaftig, Clyde, Craddock, Campbell, Brewer, W.M., Sherwood, K.W., Hickman, R.G., Stricker, G.D., St. Aubin, D.R., and Goerz, D.J., III, 1986, Geology and geochronology of the Healy Quadrangle, Alaska: U.S. Geological Survey Open-File Report 86-396, 92 p., 4 sheets, scale 1:250,000.
- Csejtey, Bela, Jr., Mullen, M.W., Cox, D.P., and Stricker, G.D., 1992, Geology and geochronology of the Healy Quadrangle, south-central Alaska: U.S. Geological Survey Miscellaneous Investigations Series Map 1961, 63 p., 2 sheets, scale 1:250,000.
- Wahrhaftig, Clyde, and Freedman, Jacob, 1944, Coal deposits in the valley of the Healy River, Alaska: Alaska Territorial Department of Mines Miscellaneous Report 67-5, 13 p., 6 sheets. <https://doi.org/10.14509/817>
- Wahrhaftig, Clyde, and Black, R.F., 1958, Quaternary and engineering geology in the central part of the Alaska Range: U.S. Geological Survey Professional Paper 293, 118 p., 7 sheets.
- Wahrhaftig, Clyde, 1970, Geologic map of the Healy D-4 Quadrangle, Alaska: U.S. Geological Survey Geologic Quadrangle Map 806, 1 sheet, scale 1:63,360.



*Rowland Engineering Consultants*

TECHNICAL MEMORANDUM  
SURVEYING AND GEOTECHNICAL SERVICES

# Appendix A

**Site Map**

148°39'40"W

148°39'30"W

148°39'20"W

148°39'10"W

148°39'0"W

63°52'55"N

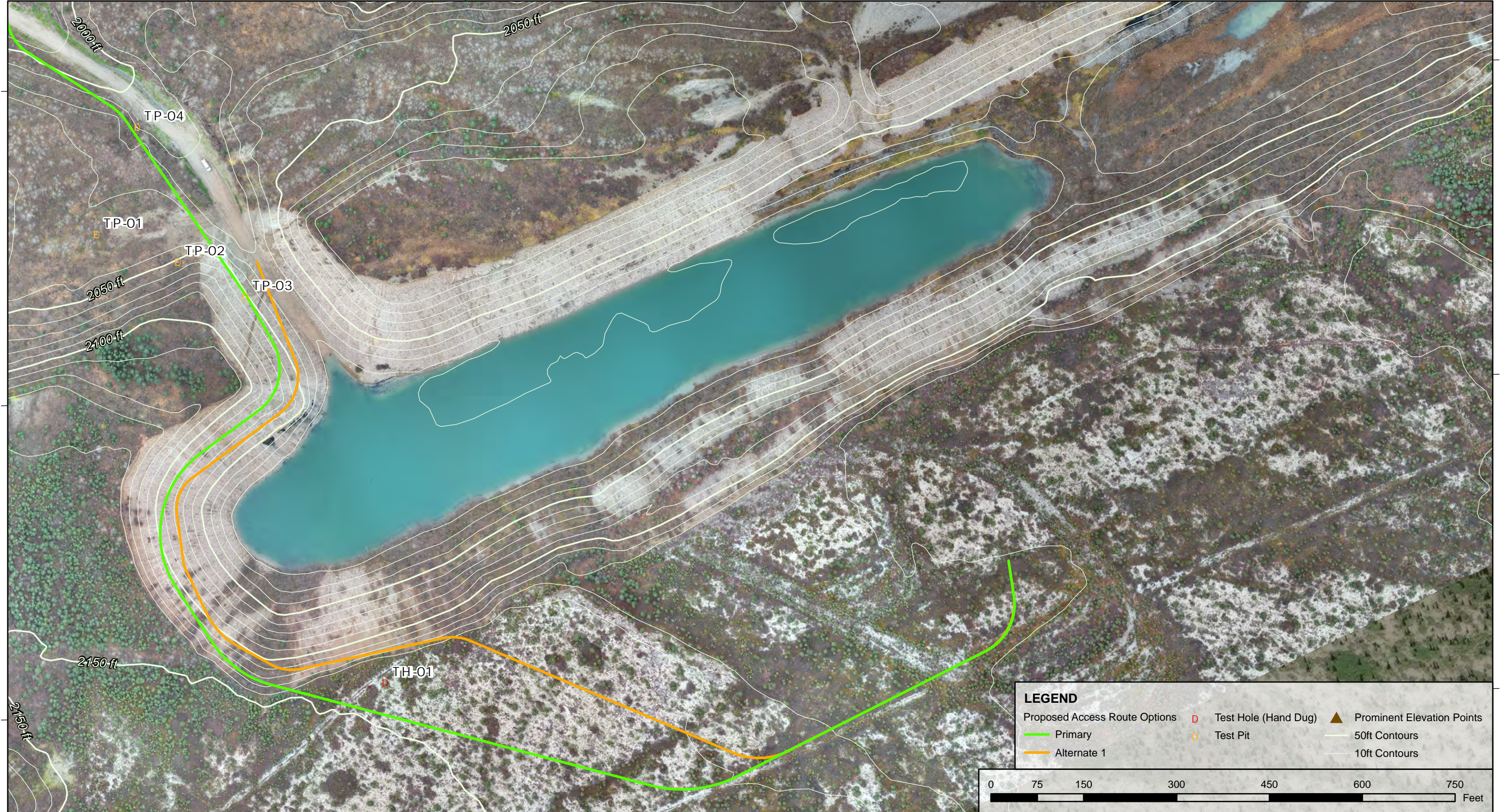
63°52'50"N

63°52'45"N

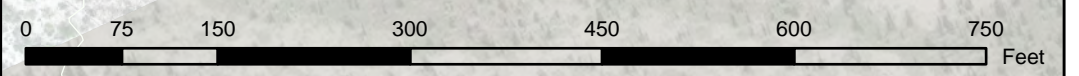
63°52'55"N

63°52'50"N

63°52'45"N



LEGEND		
Proposed Access Route Options	D Test Hole (Hand Dug)	▲ Prominent Elevation Points
Primary	Ⓟ Test Pit	— 50ft Contours
Alternate 1		— 10ft Contours



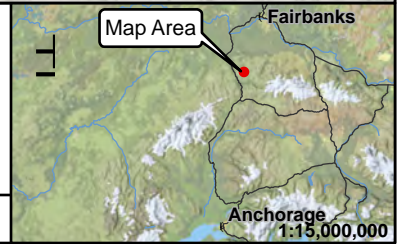
**DNR / Center Pit**  
 Map and Engineering by RECON LLC  
 565 W Recon Cir, Palmer, AK 99645  
 NAD 1983 Alaska State Plane Z4 (usft)  
 Imagery by RECON  
 Elevation provided by DNR



## Center Pit Completed Test Pits

1" = 150'  
1:1,800

10/28/2025





*Rowland Engineering Consultants*

TECHNICAL MEMORANDUM  
SURVEYING AND GEOTECHNICAL SERVICES

# Appendix B

## Test Pit Logs



# TEST PIT: TP-1

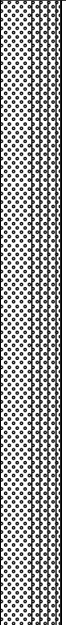
**Project:** Healy Center Pit  
**Method:** Track-Mounted Excavator  
**Rig Type:** CAT 349

**Logged By:** P. Bolz  
**Date Started:** 09/22/2025  
**Date Completed:** 09/22/2025

**Lat / long:** 63.88131, -148.66206  
**Datum:** WGS84  
**Surface Elevation:** 2026.6'  
**Depth:** 18'

**Client:** DNR

**Comments** On spoil pile.

Depth (ft)	Sample Number	Frozen=	Graphic Log	Material Description
5 10 15 18.0	S-1			<p>Light brown, loose, <i>Well-graded Sand with Silt and Gravel (SW-SM)</i>; moist; with organics (roots) to 0.5 feet; fine to coarse, subangular to subrounded gravel and sand; few cobbles and coal fragments throughout.</p> <p>S-1: 44% Gravel; 48% Sand; 8% Fines</p> <p>- Brown below about 8 feet.</p>

Bottom of Test Pit near 18 feet.





# TEST PIT: TP-2

**Project:** Healy Center Pit  
**Method:** Track-Mounted Excavator  
**Rig Type:** CAT 349

**Logged By:** P. Bolz  
**Date Started:** 09/22/2025  
**Date Completed:** 09/22/2025

**Lat / long:** 63.88118, -148.66125  
**Datum:** WGS84  
**Surface Elevation:** 2047.7'  
**Depth:** 14'

**Client:** DNR

**Comments** In natural slope south of spoil pile.

Depth (ft)	Frozen=	Graphic Log	Material Description	
0.0 - 0.2			Dark brown, <i>Topsoil</i> ; moist to wet; with organics (roots).	0.2
0.2 - 2.0			Light brown, very loose, <i>Poorly Graded Sand (SP)</i> ; moist to wet; fine to coarse sand; trace fines.	2.0
2.0 - 9.0			Brown, very loose, <i>Poorly Graded Gravel with Sand (GP)</i> ; moist to wet; subangular to subrounded gravel and sand; few cobbles; trace fines.	9.0
9.0 - 12.0			Gray, soft to firm, <i>Lean Clay (CL)</i> ; moist to wet.	12.0
12.0 - 14.0			Light gray, fine to medium grained, <b>SANDSTONE</b> , highly weathered.	14.0

Bottom of Test Pit near 14 feet due to sloughing.





# TEST PIT: TP-3

**Project:** Healy Center Pit  
**Method:** Track-Mounted Excavator  
**Rig Type:** CAT 349

**Logged By:** P. Bolz  
**Date Started:** 09/22/2025  
**Date Completed:** 09/22/2025

**Lat / long:** 63.88102, -148.66058  
**Datum:** WGS84  
**Surface Elevation:** 2045.2'  
**Depth:** 8'

**Client:** DNR

**Comments** In west slope of road cut.

Depth (ft)	Sample Number	Frozen=	Graphic Log	Material Description
-	S-1			Light brown, very loose, <i>Well-graded Gravel with Sand (GW)</i> ; moist to wet; trace fines. S-1: 65% Gravel; 35% Sand <span style="float: right;">2.0</span>
5				Light gray, fine to medium grained, <b>SANDSTONE</b> , highly weathered. <span style="float: right;">8.0</span>

Bottom of Test Pit near 8 feet.





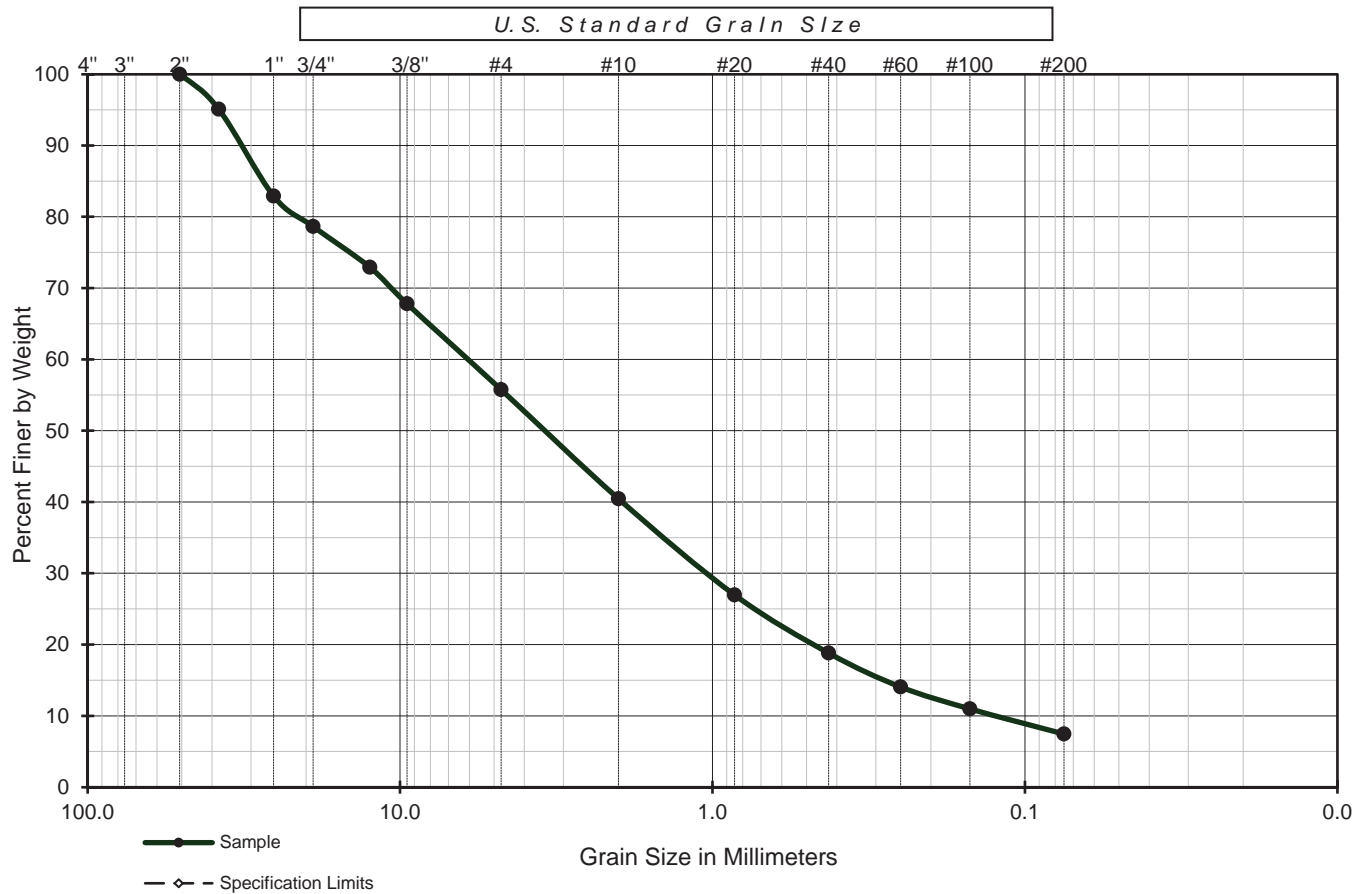


*Rowland Engineering Consultants*

TECHNICAL MEMORANDUM  
SURVEYING AND GEOTECHNICAL SERVICES

# Appendix C

## Laboratory Test Results



Sieve Size	Percent Passing by Weight	Specification Limits	
		Minimum	Maximum
6			
5			
4			
3			
2	100		
1.5	95		
1	83		
3/4	79		
1/2	73		
3/8	68		
4	56		
No. 10	41		
No. 20	27		
No. 40	19		
No. 60	14		
No. 100	11		
No. 200	7.5		

USCS Sample Classification		
<b>Well-Graded Sand with Silt and Gravel</b>		
<b>SW-SM</b>	Cu = 49.	Cc = 1.42

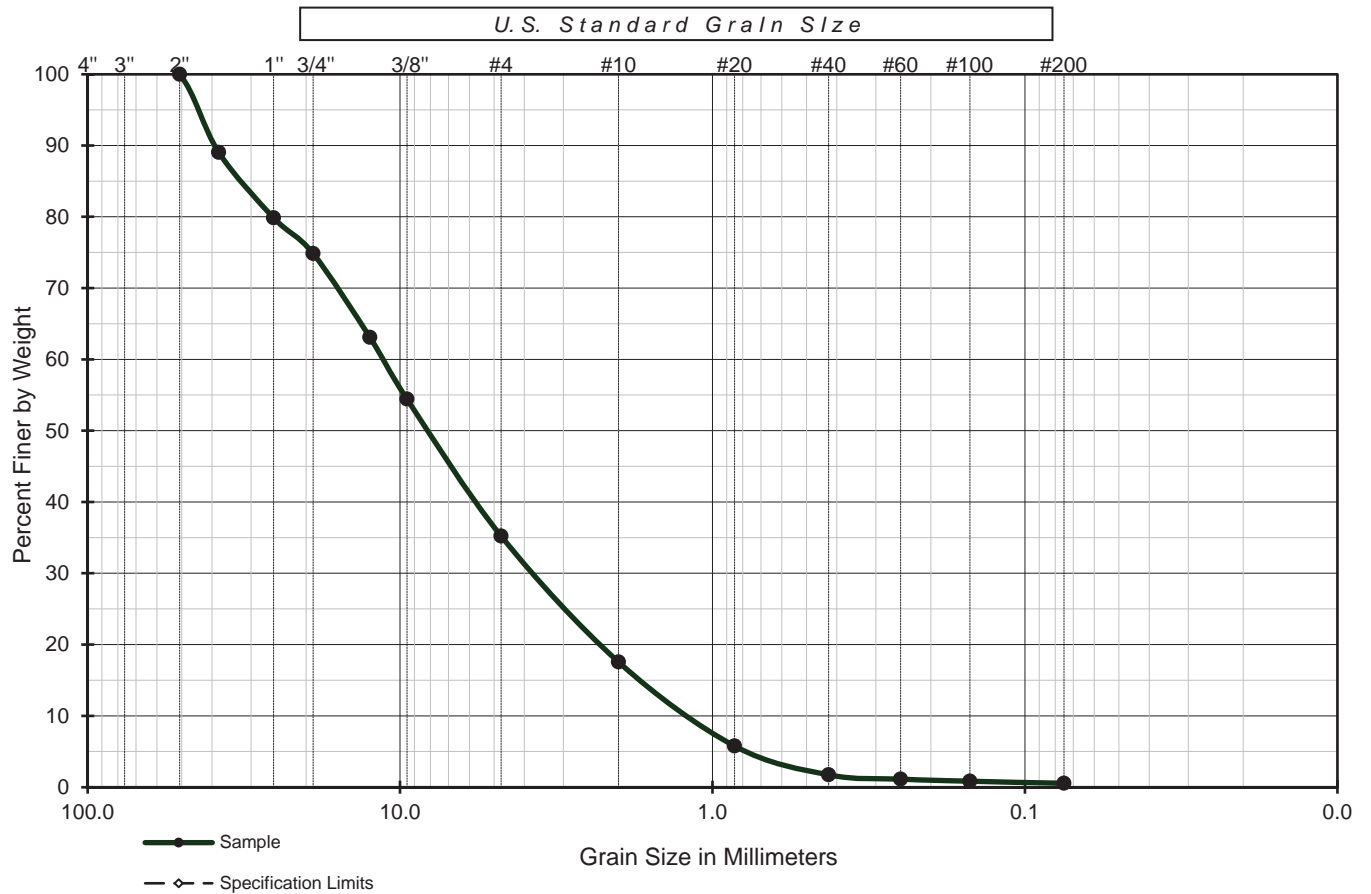
Sampled by: Recon LLC

Sample Location: TP-01

SW Sample Identification: S-1

Reviewed by: *Amber Larson*  
 Amber Larson  
 Lab Manager  
 10/16/25 10:13

DNR Healy Recon LLC	
<b>GRAIN SIZE DISTRIBUTION</b>	
ASTM C136	
October 16, 2025	105404-037
<b>SHANNON &amp; WILSON, INC.</b> GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS	<b>TP-01, S-1</b>



Sieve Size	Percent Passing by Weight	Specification Limits	
		Minimum	Maximum
6			
5			
4			
3			
2	100		
1.5	89		
1	80		
3/4	75		
1/2	63		
3/8	54		
4	35		
No. 10	18		
No. 20	6		
No. 40	2		
No. 60	1		
No. 100	1		
No. 200	0.6		

USCS Sample Classification		
Well-Graded Gravel with Sand		
GW	Cu = 9.8	Cc = 1.03

Sampled by: Recon LLC

Sample Location: TP-03

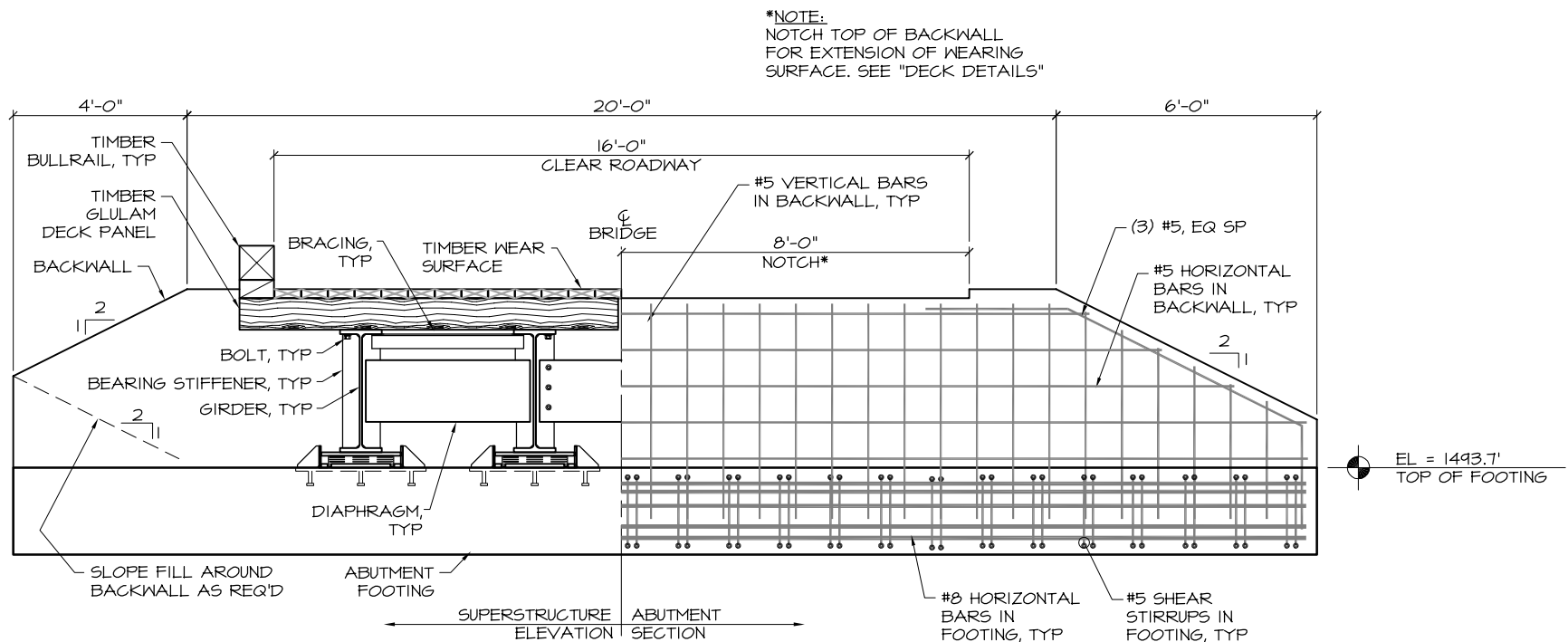
SW Sample Identification: S-1

Reviewed by: Amber Larson  
 Lab Manager  
 10/16/25 10:13

DNR Healy Recon LLC	
<b>GRAIN SIZE DISTRIBUTION</b>	
ASTM C136	
October 16, 2025	105404-037
<b>SHANNON &amp; WILSON, INC.</b> GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS	<b>TP-03, S-1</b>

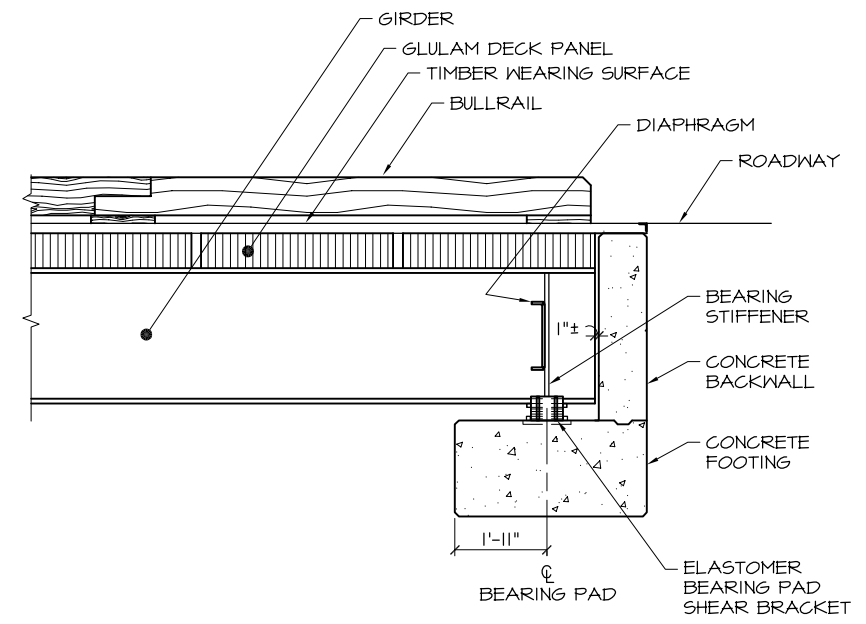
# **APPENDIX E**

## **Suntrana Creek Crossing Bull Rail Details**



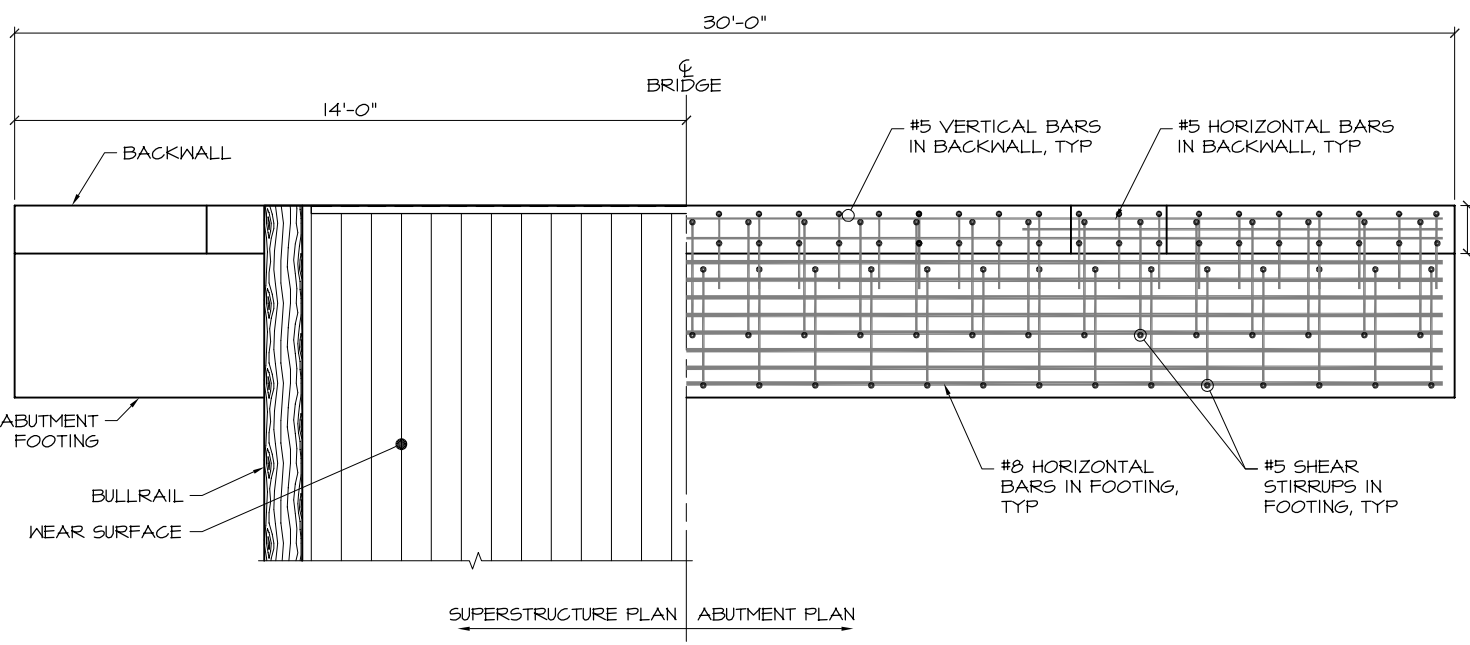
**ABUTMENT ELEVATION**

NTS EAST ABUTMENT SHOWN,  
WEST ABUTMENT OPPOSITE HAND



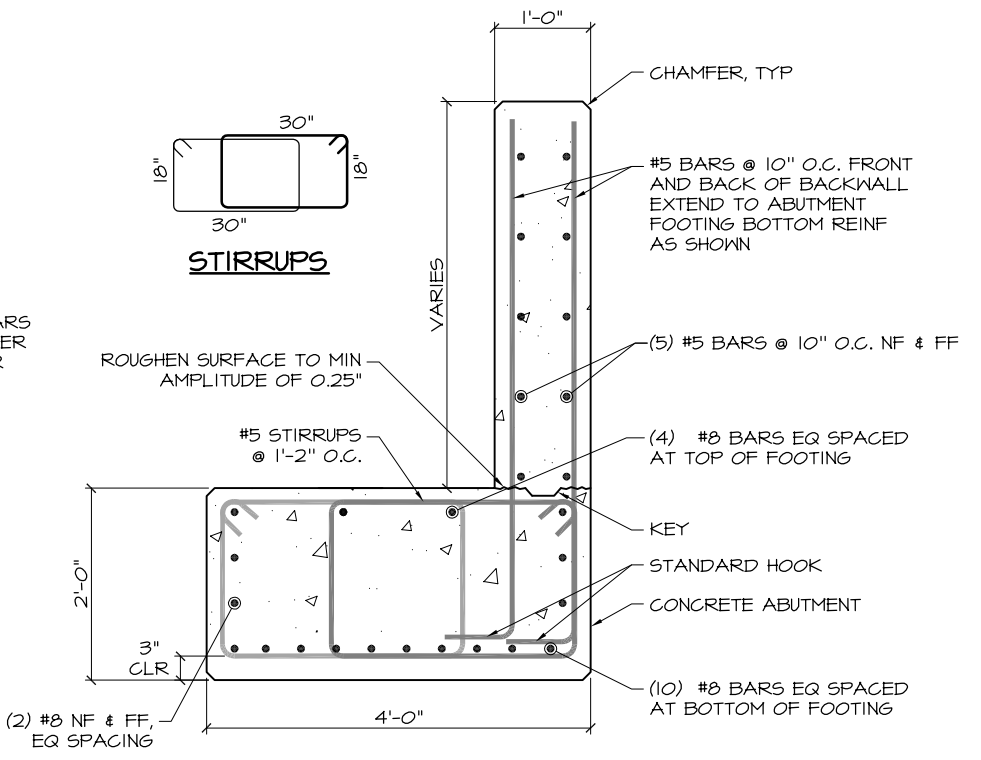
**TYPICAL ABUTMENT SECTION**

NTS



**ABUTMENT PLAN**

NTS



**ABUTMENT REINFORCING DETAIL**

NTS

- NOTES:**
- MINIMUM LAP LENGTHS FOR LAP SPLICES:  
#5 BARS = 2'-6"  
#8 BARS = 3'-6" STAGGER ADJACENT SPLICES
  - PROVIDE 2" CLEAR COVER UNLESS NOTED OTHERWISE.
  - PROVIDE 1" CHAMFER ON ALL EXPOSED CORNERS OF CIP CONCRETE

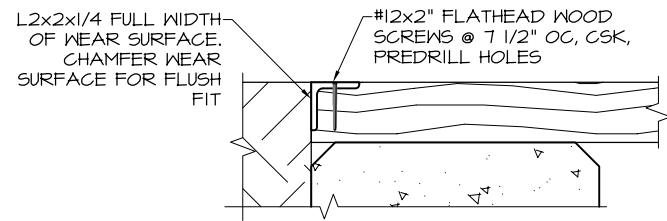


STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES  
HEALY, ALASKA  
HEALY VALLEY CREEK CROSSING  
PROJECT No. 13950-1

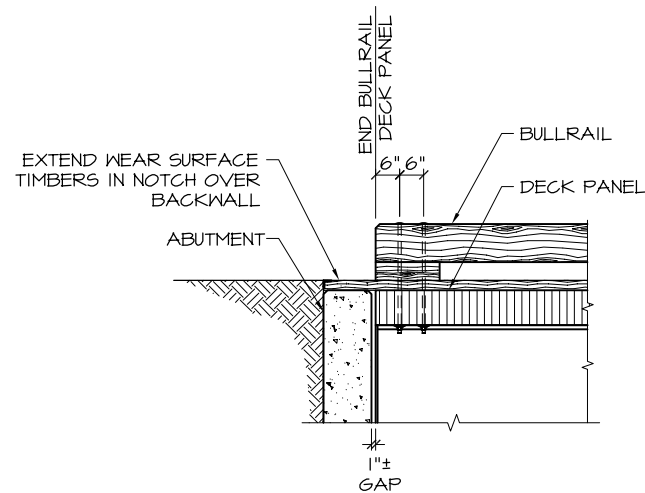


PREPARED: BJS/MTB  
DRAWN: RLC  
REVIEWED: DST  
DATE: 4/04/12

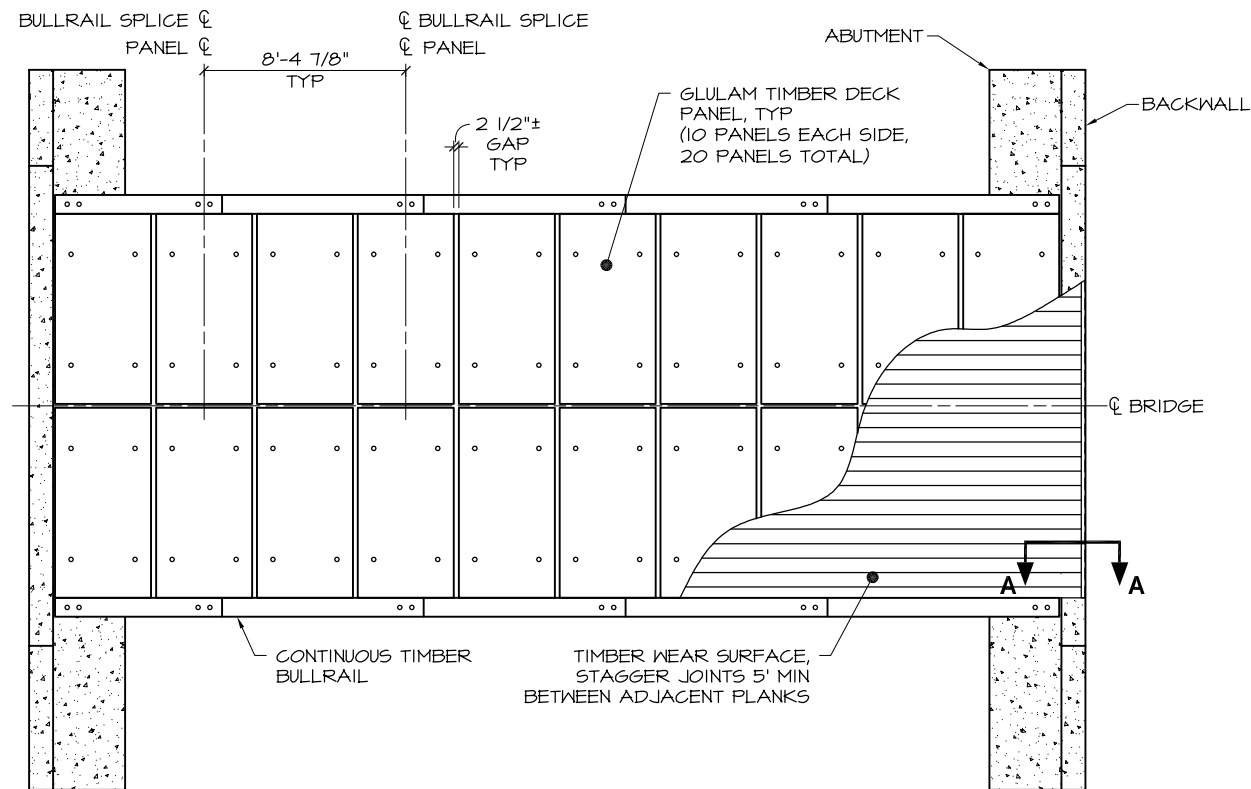
SHEET  
22  
OF 24 SHEETS



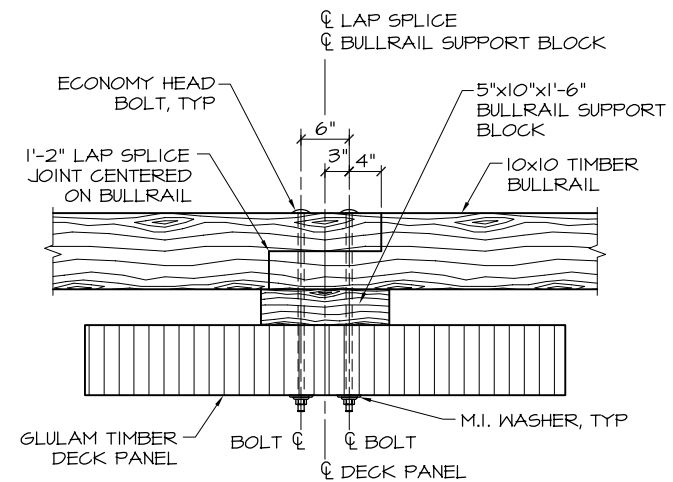
**BACKWALL EDGE**  
NTS



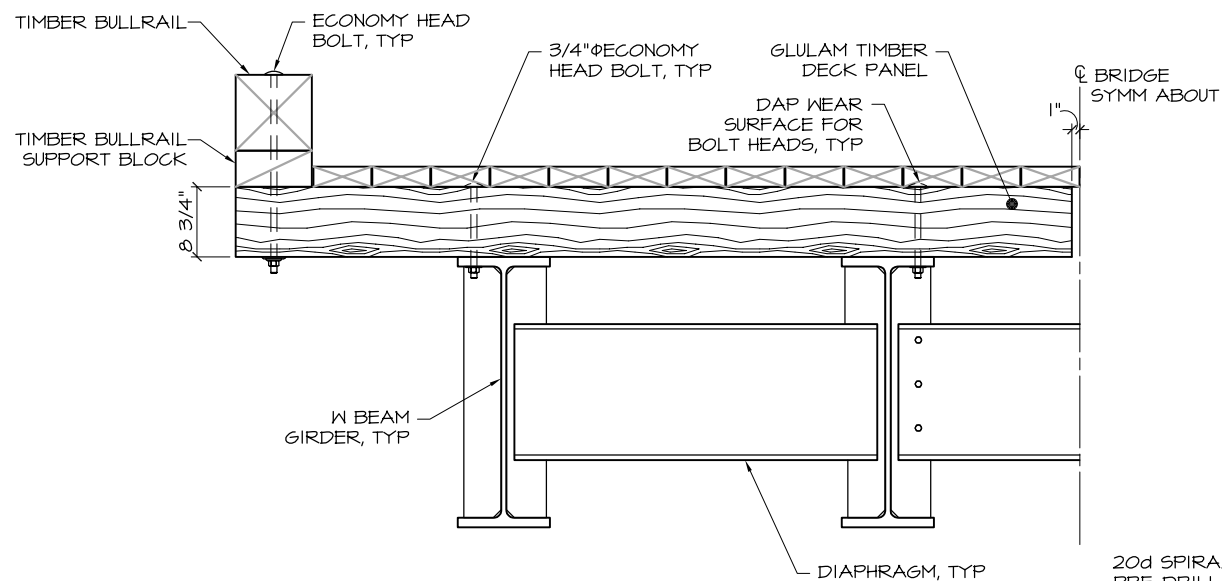
**SECTION A-A**  
NTS



**PLAN**  
NTS



**BULLRAIL SPLICE**  
NTS

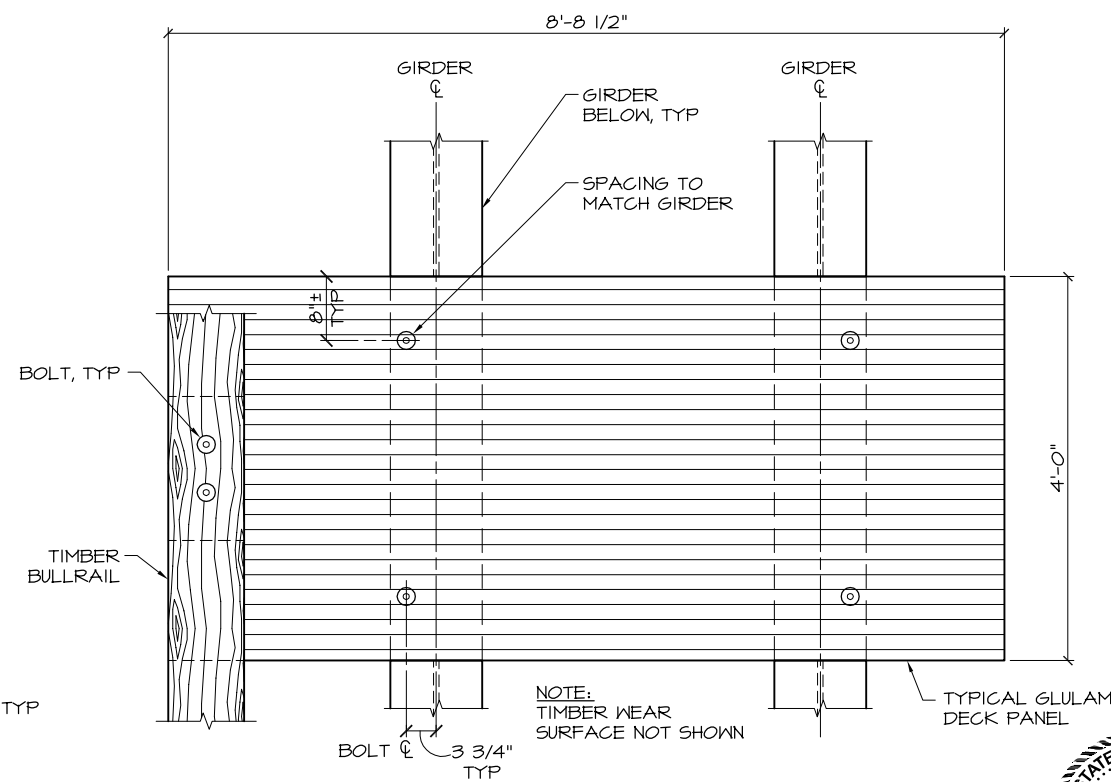


**TYPICAL SECTION AT DIAPHRAGM**  
NTS

20d SPIRAL SHANK NAIL  
PRE-DRILL HOLE @ 2'-0"  
O.C. AND WITHIN 6" OF  
ENDS OF PLANKS, TYP



**WEAR SURFACE DETAIL**  
NTS



**PANEL PLAN**  
NTS



PREPARED: BJS/MTB  
DRAWN: RLC  
REVIEWED: DST  
DATE: 4/04/12

SHEET

24

OF 24 SHEETS