

**SUBJECT:** AUTHORIZATION TO ENTER INTO A UTILITIES REIMBURSABLE SERVICES AGREEMENT WITH THE ALASKA RAILROAD FOR THE CASWELL LAKE / HIDDEN HILLS GRADE CROSSING SIGNAL SYSTEM UPGRADE IN THE AMOUNT OF \$198,015.

**AGENDA OF:** July 20, 2021

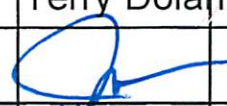

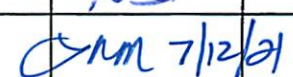

**ASSEMBLY ACTION:**

*Approved under the Consent agenda*

*7-20-21* 

**MANAGER RECOMMENDATION:** Present to the Assembly for consideration.

**APPROVED BY MICHAEL BROWN, BOROUGH MANAGER:** 

Route To:	Department/Individual	Initials	Remarks
	Originator / JB	James D Jenson	Digitally signed by James D Jenson Date: 2021.07.07 12:25:04 -08'00'
	Public Works Director	Terry Dolan	Digitally signed by Terry Dolan Date: 2021.07.07 14:27:46 -08'00'
	Purchasing Officer		
	Finance Director		
	Borough Attorney	NS	
	Borough Clerk		

**ATTACHMENT(S):** Fiscal Note: Yes X No \_\_\_\_\_  
Utility Reimbursable Services Agreement (5pp)

**SUMMARY STATEMENT:** The Alaska Railroad has submitted a Utility Reimbursable Services Agreement for a project to replace batteries and upgrade the outdated and unsupported crossing predictor system which will upgrade the railroad grade crossing signal system to fully support highway and railroad traffic. This agreement will be administered by the MSB Public Works Department.

**RECOMMENDATION OF ADMINISTRATION:** Authorize the Manager to enter into the Utilities Reimbursable Services Agreement with the Alaska Railroad for the Caswell Lakes / Hidden Hills Grade Crossing Signal System upgrade in the amount of ONE HUNDRED NINETY EIGHT THOUSAND FIFTEEN DOLLARS AND 00/100 CENTS (\$198,015).

MATANUSKA-SUSITNA BOROUGH  
FISCAL NOTE

Agenda Date: July 20, 2021

SUBJECT: AUTHORIZATION TO ENTER INTO A UTILITIES REIMBURSABLE SERVICES AGREEMENT WITH THE ALASKA RAILROAD FOR THE CASWELL LAKE / HIDDEN HILLS GRADE CROSSING SIGNAL SYSTEM UPGRADE IN THE AMOUNT OF \$198,015.

ORIGINATOR: J Ballinger

FISCAL ACTION (TO BE COMPLETED BY FINANCE)	FISCAL IMPACT <u>(YES)</u> NO
AMOUNT REQUESTED <u>\$198,015</u>	FUNDING SOURCE <u>RSA Corp Projects</u>
FROM ACCOUNT # <u>410.00.00 4xx.xxx</u>	PROJECT 35000 / <u>30042</u>
TO ACCOUNT :	PROJECT #
VERIFIED BY: <u>Chris Winkler</u>	CERTIFIED BY:
DATE: <u>7-8-21</u>	DATE:

EXPENDITURES/REVENUES:

(Thousands of Dollars)

OPERATING	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025
Personnel Services						
Travel						
Contractual						
Supplies						
Equipment						
Land/Structures						
Grants, Claims						
Miscellaneous						
TOTAL OPERATING						
CAPITAL			<u>198.0</u>			
REVENUE						

FUNDING:

(Thousands of Dollars)

General Fund						
State/Federal Funds						
Other			<u>198.0</u>			
TOTAL			<u>198.0</u>			

POSITIONS:

Full-Time						
Part-Time						
Temporary						

ANALYSIS: (Attach a separate page if necessary) Total Caswell / Hidden Hills Grade Crossing Signal System project is \$198,015. (50% from 35000, 50% from 30038)

PREPARED BY:

PHONE:

DEPARTMENT:

DATE:

APPROVED BY:

DATE:

Cherene P. K...

7/8/2021



<b>ARRC No:</b>	13-21-360
<b>MSB Project No:</b>	_____
<b>MSB Utility Agreement No:</b>	_____
<b>Project Title:</b>	Caswell Lake/Hidden Hills Crossing Signal System Upgrade
<b>ARRC Milepost:</b>	202.91

### **UTILITY REIMBURSABLE SERVICES AGREEMENT**

This Utility Reimbursable Services Agreement ("Agreement"), effective on the date of the last signatory hereto, is made by and between the ALASKA RAILROAD CORPORATION, herein referred to as "ARRC", and the MATANUSKA-SUSITNA BOROUGH, 350 E. Dahlia Avenue, Palmer, Alaska 99645, herein referred to as "MSB".

### **RECITALS**

WHEREAS, pursuant to the terms and conditions of that certain Blanket Permit, ARRC Contract No. 6139, executed by MSB and ARRC on January 5, 1989 (the "Blanket Permit"), the parties have agreed that the Caswell Lake/Hidden Hills grade crossing signal system will be upgraded at ARRC MP 202.91 (the "Project"); and

WHEREAS, MSB has requested ARRC to provide the labor, materials, equipment, and project management required for the completion of the Project and has agreed to reimburse ARRC for the cost of such work under the terms and conditions of this Agreement.

NOW THEREFORE, in consideration of the mutual covenants herein contained and other good and valuable consideration, the parties hereby agree as follows:

1. ARRC Work. Under the terms of this Agreement, ARRC and/or its contractor will provide the following Project work:
  - a. Provide all labor, materials, equipment, preliminary engineering, management expertise, Project representation, and construction management necessary to upgrade the railroad grade crossing signal system in a manner that will fully support highway and railroad traffic at said location.
  - b. Provide all labor, materials and construction equipment required for railroad flag protection whenever ARRC employees, ARRC contractors or any equipment of aforementioned employees or contractors are within 20 feet of ARRC's track or facilities.
  - c. Provide and implement a traffic control plan for the crossing location.

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- d. Provide a contact person to coordinate the design, engineering, and construction of the Project. The ARRC representative for Project engineering and construction is David Rizk, Project Manager at 907-265-4406.
2. **MSB Work.** Under the terms of this Agreement, MSB and/or its contractor will provide all labor, equipment and materials necessary to perform the following Project work:
- a. Provide a contact person to coordinate the design, engineering, and construction of the Project with ARRC.
  - b. Provide the labor, equipment, and materials required to review and approve a prepared traffic control plan for the crossing location.
  - c. Comply with the ARRC Standard Specifications for Work on Railroad Property ("Railroad Specifications") for the Project, which are hereby incorporated herein and by this reference made as part of this Agreement. The ARRC Chief Engineer must approve any modifications to the Railroad Specifications. In the event of any conflict between this Agreement and the Railroad Specifications, the Railroad Specifications shall control.

3. **Compensation.** MSB shall reimburse the ARRC for the cost of all labor, equipment and materials provided by the ARRC for the Project in accordance with Paragraph 1 above. Reimbursement for overhead, material handling and equipment will be based upon the audited rates in effect at the time the work is accomplished. Said amounts shall be due and payable within 60 days of MSB's receipt of ARRC's invoice for the same. ARRC contact for invoice and billing questions shall be Lynda Stephens at 907-265-2458, [stephensl@akrr.com](mailto:stephensl@akrr.com).

If MSB will be receiving any federal funding for the Project, the current rules, regulations and provisions of the Federal Aid Policy Guide as contained in 23 CFR 140, Subpart I and 23 CFR 646, Subparts A and B are incorporated into this Agreement by reference.


ARRC's estimate for this work is a total of **\$198,015.00** and is based upon 2020 construction costs and 2020 overhead rates, as more specifically detailed in Exhibit A attached hereto and incorporated herein. ARRC will not incur expenses in excess of the estimated amount without further authority from MSB. ARRC costs will be accumulated under ARRC work order/project number **23272** (construction management, inspection and flagging).

4. **Schedule.** It is understood that the Project is in close proximity to the ARRC mainline track. Accurate scheduling and reliable performance of this work is critical to the ARRC's mission of maintaining rail service to the public and ARRC customers. The parties will determine a mutually acceptable work schedule and completion period for the work specified in this Agreement. Work is anticipated to be complete by December 31, 2022.

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5. Blanket Agreement. Upon completion of the Project, the subject crossing signal shall continue to be included in the MSB Blanket Permit, ARRC Contract No. 6139, and shall continue to be subject to the terms and conditions of the Blanket Permit.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the dates indicated below.

<b>RECOMMEND FOR APPROVAL:</b>  Matanuska-Susitna Borough  By: _____ Title: _____ Date: _____	<b>UTILITY COMPANY ACCEPTANCE:</b>  Alaska Railroad Corporation  By:  Title: <u>V.P. ENGINEER</u> Date: <u>6/2/21</u>
<b>REVIEWED:</b>  Matanuska-Susitna Borough  By: _____ Title: _____ Date: _____	<b>APPROVED:</b>  Matanuska-Susitna Borough  By: _____ Title: _____ Date: _____

Attachments:

✓ Exhibit A – Estimate: Caswell Lake/Hidden Hills Grade Crossing Signal System Upgrade





Alaska Railroad Corporation

**Estimate: MP 202.9-Hidden Hills Crossing Signal System Upgrade**

Estimate to upgrade the crossing signal system at the Hidden Hills Crossing MP 202.9

Completed by DR on 3.10.21

Description	Qty	Unit	Unit Price	Total	Notes / Comments
<b>Construction</b>					
Signal Construction				\$ 98,245	
ARRC Equipment			Subtotal	\$ 1,082	
ARRC Equipment - Wiring & Install Support	5	DY	\$ 108	\$ 1,082	V1360, hy-rail or equal, Signal - wiring hut-2 Trucks
ARRC Labor			Subtotal	\$ 10,920	
Labor, ST, Signal - Wiring & Install Support	120	HR	\$ 52	\$ 6,240	Straight time, ST, 3 worker, eight hours / day
Labor, OT, Signal - Wiring & Install Support	60	HR	\$ 78	\$ 4,680	Overtime, OT, 3 workers, four hours / day
ARRC Materials			Subtotal	\$ 86,243	
GCP 5000	1	EA	\$ 56,479	\$ 56,479	Replacement GCP 5000
Crossing DTMF	1	EA	\$ 2,500	\$ 2,500	DTMF Crossing Activation Module
Replacement Hut Heater	1	EA	\$ 717	\$ 717	Replacement Wall Heater
Rail Fusion ATOM	1	EA	\$ 8,047	\$ 8,047	Crossing Remote Monitoring
Battery Plant	1	EA	\$ 11,000	\$ 11,000	New Plant of 13 C&D KCT 540's
Shipping	1	LS	\$ 5,000	\$ 5,000	Estimated shipping cost
Miscellaneous Hardware	1	LS	\$ 2,500	\$ 2,500	Battery Trays, Lugs, eyelets, conductor
Construction Total				\$ 98,245	
<b>Design &amp; Support</b>					
Engineering and Design				\$ 6,450	
Engineering & Design	1	LS	\$ 6,450	\$ 6,450	Contract signal engineering
Management				\$ 14,657	
Project Management	6.00%	%	\$ 104,695	\$ 6,282	
Project Management Support	2.00%	%	\$ 104,695	\$ 2,094	
Construction Management	6.00%	%	\$ 104,695	\$ 6,282	
Design & Support Total				\$ 21,107	
Project Subtotal				\$ 119,352	
Overhead	65.91%		\$ 119,352	\$ 78,663	
Grand Total				\$ 198,015	

**Assumptions and Scope**

Assume by ARRC:

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**ALASKA**  
RAILROAD

December 1, 2020

Jim Jenson  
Matanuska-Susitna Borough Public Works  
350 E Dahlia Ave  
Palmer, AK 99645

**ROW & PUBLIC PROJECTS**

TEL 907.265.3026  
FAX 907.265.2638

RE: MSB Crossing Upgrades

Dear Mr. Jensen:

A number of Matanuska-Susitna Borough (MSB) permitted crossings require upgrades. The MSB is required to maintain these crossings per the blanket agreement executed January 5, 1989 between the Alaska Railroad Corporation (ARRC) and the MSB. ARRC has informed MSB of the upcoming required upgrades over the previous few years, and now officially requests MSB fund the necessary work.

The ARRC proposes to complete the crossing and signal system upgrades over the next two years:

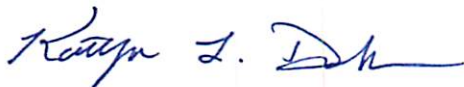
ARRC MP	DOT NO.	Description	Upgrade Type	Year	Prelim Estimate
155.31	910 224 K	Abby Blvd	Signal System	2021	\$342,300
202.91	868 334 H	Hidden Hills	Signal System	2021	\$200,000
180.77	868 328 E	Nancy Lake Landing	Surface Rebuild	2021	\$288,700
167.26	868 323 V	Meadow Lakes	Signal System	2022	\$450,000
180.01	868 327 X	Lynx Lake	Surface Rebuild	2022	\$279,900
197.85	910 343 U	Kashwitna Trail	Surface Rebuild	2022	\$242,900

The crossing surface rebuilds will bring the crossings up to current mainline standards, including concrete panels and asphalt approaches. The signal system upgrades include battery replacements and grade crossing predictor system upgrades as the existing model is no longer supported.

The crossing at Abby Blvd has already begun to experience failures, and as such ARRC has previously sent an agreement to the MSB to complete the upgrade at this crossing. ARRC will follow up this email with a draft agreement to upgrade all the above crossings except Abby Blvd.

Should you have any questions, please do not hesitate to contact me at 907.265.3026.

Sincerely,



Kate Dueber  
Manager, ROW and Public Projects

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