

BIENNIAL REPORT OF THE ALASKA TERRITORIAL
HIGHWAY ENGINEER AND SUPERINTENDENT
OF PUBLIC WORKS
1941-1942

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1941 - 1942

Territorial Board of Road Commissioners

Hon. Ernest Gruening, Governor of AlaskaChairman
 William A. Hesse, Territorial Highway EngineerSecretary
 Oscar C. Olson, Territorial TreasurerMember

FOREWORD

Because the war makes it necessary to delete much of the text that would otherwise be incorporated herein and also because a policy of economy is prudent in all matters that do not relate to the war, this is a statement of road fund disbursements rather than a report.

The usual maintenance was carried on during the biennium upon all roads where the Territory was wholly or partly responsible, some improvement and new construction was carried on with respect to aviation field facilities.

Reference will be found elsewhere in this report to special appropriations covering the maintenance of telephone land lines, new construction on the Territorial building in Juneau and the payment of Territorial funds to Donald MacDonald.

Traffic regulations were promulgated and highway patrol inaugurated during the biennium, a brief reference to which appears elsewhere.

OBSERVATIONS AND RECOMMENDATIONS

The Budget

It will be noticed that the request by this office for funds for the coming biennial period represents a net decrease of \$256,000 under what was authorized for the current biennium. This estimate represents reductions in everything except the administration of the highway patrol.

The principal reason for the curtailment of road expenditures is that the gold mining industry in the Territory which accounts for the bulk of the road demands has declined to a point where requests for new construction work asked for are negligible and will probably vanish if the war continues, so that the regular road and aviation field maintenance plus minor requests for roads connected with the development of strategic metals will probably constitute all that can be anticipated at this time.

Moreover the termination of the gold mining industry together with a possible shortage of labor for the fishing industry and a possible shortage of tin cans for the salmon pack constitutes a grave threat against the revenues, all of which in the opinion of this office makes a curtailment of expenditures prudent.

Gasoline Tax

As recommended in previous reports of this office to the Legislature a gasoline tax for motor vehicles is as sensible and necessary as it ever has been and the following statement made to the last Legislature on the subject seems appropriate enough to repeat:

"The question of road construction is so inseparable from the question of taxation that Alaska might as well face the fact now that it costs money to build and maintain roads and that we are the only civilized country in the world that exacts no taxes from the motor vehicles for which the roads are built and maintained.

"An annual license fee of ten dollars upon a car or truck irrespective of its size or weight is neither sensible nor equitable. The gasoline tax is both scientific and equitable, has been adopted everywhere else in the world and should be adopted here.

"There is no valid reason why motor vehicles for which the highways have been built and are being maintained should not contribute something toward them in the way of taxes.

"The receipts from any tax of this kind should be credited exclusively to the road funds."

Regulation of Traffic on the Highways

Under a legislative act approved March 27, 1941, the Territorial Board of Road Commissioners was authorized to promulgate regulations relating to traffic upon the highways and to employ patrol officers for the purpose of enforcing compliance with such regulations and to safeguard life and property upon the highways.

Regulations within the limits prescribed were made effective July 1, 1941, and the patrol of the principal roads leading out of Ketchikan, Juneau, Anchorage and Fairbanks was undertaken.

Whether or not the conduct of drivers upon the highways has improved since the patrol was inaugurated is more or less conjectural, but the board believes, and the opinion seems to be shared by many who drive cars, that traffic conditions have been vastly improved and there is every reason to believe that through a process of education, the inspection of equipment, etc., that there will continue to be improvement.

The weak feature of our highway patrol is the lack of cooperation by the courts and there is little that this office or the Legislature can do about that.

During 18 months that highway patrol has been effective in Alaska there were four fatalities due to motor vehicle accidents on the highways and whether this is out of line with similar accidents elsewhere is difficult to determine since there is no common basis for comparison, nor do we know how this compares with any previous period in the Territory as this is the first attempt toward regulation and the collection of statistical data.

There are at the present time 6,984 registered motor vehicles in Alaska, representing a car for each 10.4 persons residing in the Territory compared with a ratio of one to 3.89 in the continental United States, but it must be remembered that nearly one-half of our population consists of Eskimos and Indians who neither own nor drive cars and that a considerable part of our population is engaged in the fishing industry who likewise do not drive cars. This might, to some extent, account for the disparity in the death rate from motor vehicle accidents of 30 per 100,000 of population in the United States as compared with a rate equal to 5.5 per 100,000 for Alaska.

Although there has been an unprecedented increase in traffic upon our highways during the past 18 months, it is believed that congestion upon our roads as compared with the States does not exist. On the other hand our roads are of a uniformly lower standard than those of the United States so that from a viewpoint of the risk of driving cars upon the highways of Alaska, the lack of congestion is more than offset by the inferior condition of our roads.

Highway patrol, in the opinion of this office, should be continued. It has met with the general approval of the public and constitutes a good investment

in promoting safety upon the highways, aid to travelers, in the prevention of forest fires, protection to game and other worthwhile services.

Patrol officers are provided with first aid emergency kits, fire extinguishers, an available supply of gasoline, axes, grappling hooks and on one route, a field telephone set.

A modification of the existing Act, which was passed in great haste, might be desirable. It is not to be expected that the Legislature can foresee every specific phase of traffic problems over which it would be willing to grant the power to make regulations and on the other hand it is not to be expected that the Legislature can or will delegate unrestricted law-making power to any board.

In this connection it might be appropriate to invite the attention of the Legislature to existing statutes that are irrelevant, inconsistent or conflicting.

Section 1734 of the Compiled Laws of Alaska for 1933 provides that approaching vehicles on the highways shall keep to the right in passing and since the Legislature specifically repealed this section in the enactment of Chapter 6b, Session Laws for 1941, it seems that the Legislature alone can restore that section which seems advisable and necessary.

Section 1736, C. L. A., which was not repealed relates to Section 1735, which was repealed and it would seem that Section 1736 has no place in the statutes and should be repealed.

Sections 4847, 4848, 5095, 5096, 5097 and 5099, C. L. A., and Chapter 86, Session Laws for 1935, are superfluous and should be repealed.

Section 5098, C. L. A., might be incorporated into any modified act and Sections 4849 and 4850 might best be included in regulations.

Summary Highway Patrol Activities

Total number of miles patrolled	200,787
Total number of accidents	344
Total number of fatalities	4
Total number of arrests	168
Total number of convictions	158
Total number of acquittals	4
Pending cases	3
Turned over to military authorities	3

Flood Control Act

Attention is invited to Chapter 73, Session Laws for 1939, in which the Territory assumes all liabilities for damages arising from any Federal flood control project and further assumes the responsibility of protecting and maintaining the same as long as may be required.

Such a declaration of policy is so manifestly unfair to the people of a Territory who are not consulted in the first instance, that it has no place in our statutes. It cannot be justified upon any sound business reasons and should be repealed.

Appropriation for Donald MacDonald

Chapter 21, Session Laws for 1941, directed the payment of \$5,000 to Donald MacDonald as compensation and expenses in connection with his duties as a member of the International Highway Commission.

The payment of this money was divided equally between the two years of the biennium.

Telephone Land Lines

For many years telephone land lines in the lower Yukon Valley have been maintained by the Territory for the free use and benefit of the public.

These lines consist of the overland telegraph lines of the U. S. Signal Corps which were abandoned in 1925.

During recent years the maintenance of this communication system has been justified in that it has supplied weather reports from points where communication did not exist. While this office believes that the gaps in communication have been largely closed by Federal agencies, it is thought it might be advisable to make a further appropriation for this service at this time. The amount asked for is less than was authorized during the current biennium and is believed to be sufficient.

This project also contemplates the maintenance of the Seward Peninsula telephone lines.

SUMMARY OF EXPENDITURES—TELEPHONE LAND LINES

April 1, 1941 to December 31, 1942

Amount of appropriation	\$8,000.00
Seward Peninsula lines	\$2,096.00
Yukon River lines	706.50
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Total to December 1, 1941	\$2,802.50
Unexpended balance	\$5,197.50

Nome Harbor Improvement

This project consists briefly of two parallel jetties, the lines of which approximately conform to the channel lines of Snake River extended at the mouth, with the revetment of the river banks and the dredging of the river itself and a basin 250 by 400 feet to a depth of eight feet.

The total cost of the work to date has been \$857,908.46, of which the Territory has contributed \$45,000.

The City of Nome entered into an agreement with the War Department pledging itself to contribute \$2,500 annually toward the maintenance of this improvement but defaulted and the Territory has, during the past 18 years, contributed to this work from road funds.

While the contribution by the Territory as compared with the expenditure by the Federal Government is trifling, yet it is a considerable sum to spend on a project that is so discouraging, since there is no hope of ever finishing the project and no possibility of making a harbor.

Territorial Office Building

Chapter 73, Session Laws for 1941, authorized the expenditure of \$4,500 for the construction of a fireproof vault serving two office floors in the Territorial office building together with minor repairs, etc., to the building.

In addition to the construction of the vault with two fireproof doors, the flashing on the coping of the main building was replaced, the installation of downspouts and drain, the installation of electric wiring in vaults, installation of radiators in vaults and the installation of fire hose on each office floor, together with various minor items.

Owing to a rearrangement of the offices after the contract was awarded it was found advisable to include a third fireproof vault door.

STATEMENT OF EXPENDITURES

Appropriation	\$4,500.00
Advertising for bids	\$ 4.60
Architect's fees	120.00
Contract	4,099.00
Inspector	50.00
Drainage around outside of building	19.50
Radiators for vaults (replacing smaller sections)	13.00
17 Miscellaneous items	159.57
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	\$4,465.67
Unexpended balance Dec. 31, 1942	\$ 34.33

Road Fund Disbursements by Divisions

(From 1931 to 1942 inclusive)

Year	First Division	Second Division	Third Division	Fourth Division	Total
1931	\$ 34,820.00	\$ 31,800.00	\$ 29,566.76	\$ 30,833.52	\$ 127,070.28
1932	97.60	2,503.75	0.00	45.60	2,646.95
1933	6,410.02	12,760.00	12,300.25	12,140.00	43,610.27
1934	14,971.60	14,000.00	14,805.05	13,600.00	57,376.65
1935	14,788.01	12,152.28	28,360.01	25,228.27	80,528.57
1936	41,572.47	30,709.00	17,454.84	19,767.15	109,503.46
1937	61,998.68	60,417.81	42,852.57	47,557.17	212,826.23
1938	50,359.05	43,669.31	55,498.10	51,207.29	200,733.75
1939	102,910.15	89,271.70	91,465.55	97,549.90	381,197.30
1940	58,364.64	59,479.63	56,007.33	59,081.06	232,932.66
1941	54,578.80	64,035.00	57,652.79	52,751.87	229,018.46
1942	24,102.68	52,249.36	39,360.10	41,984.55	157,696.69
TOTAL	\$464,973.70	\$473,047.84	\$445,323.35	\$451,796.38	\$1,835,141.27

Forest Road Fund Receipts

(By Divisions to which they are credited)

(From 1930 to 1941 inclusive)

Year	First Division	Third Division	Total
1930	\$ 17,764.44	\$ 2,918.22	\$ 20,682.66
1931	7,628.05	2,082.40	9,710.45
1932	6,036.68	1,842.30	7,878.98
1933	None	None	None
1934	7,536.58	1,409.85	8,946.43
1935	8,159.22	1,152.18	9,311.40
1936	12,788.08	1,679.31	14,467.39
1937	10,321.63	983.49	11,305.12
1938	10,223.79	1,380.25	11,604.04
1939	9,528.83	1,264.34	10,793.17
1940	10,142.48	1,336.31	11,478.79
1941	11,853.48	833.48	12,686.96
TOTAL	\$111,983.26	\$ 16,882.13	\$128,865.39

Road Funds Available for Period

Beginning January 1, 1941 and ending March 31, 1941

	First Division	Second Division	Third Division	Fourth Division	Total
Funds Held Over	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 60,000.00
Funds Held Over	5,480.92	2,752.55	402.00	205.10	8,840.57
TOTAL	\$ 20,480.92	\$ 17,752.55	\$ 15,402.00	\$ 15,205.10	\$ 68,840.57

Disbursement of Funds

(Expended in Previous Biennium subsequent to last report)

January 1, 1941 to April 1, 1941

	First Division	Second Division	Third Division	Fourth Division	Total
Alaska Road Commission	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 60,000.00
Territorial Board	(a) 5,480.92	(b) 2,752.55	(c) 402.00	(d) 205.10	8,840.57
TOTAL	\$ 20,480.92	\$ 17,752.55	\$ 15,402.00	\$ 15,205.10	\$ 68,840.57
(a) Tenakee Bath House (C. C. C.)	\$ 146.62		(b) Nome Harbor		\$2,500.00
Cape Fanshaw Boat Float	72.34		Schlitz Creek Field		250.00
Kake Seaplane Float	254.26		Recording Deed Nome Ry.		2.55
Mitkof Float	90.70		(c) Karluk Suspension Bridge		\$ 402.00
Slocum Arm Road	184.00		(d) Chena Hot Springs Field		\$ 100.00
Salmon River Flood Control	400.00		Nation Aviation Field		100.00
Wrangell Small Boat Harbor	4,088.40		Recording Highway Deed		5.10
Skagway School Gymnasium	244.60				

TERRITORIAL REPORT

Funds Available for Period

Beginning April 1, 1941 and ending March 31, 1942

	First Division	Second Division	Third Division	Fourth Division	Total
Appropriated by Legislature....	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$300,000.00
Forest Road Funds	10,142.48		1,336.31		11,478.79
Migratory Bird Act Funds			355.87		355.87
TOTAL	\$ 85,142.48	\$ 75,000.00	\$ 76,692.18	\$ 75,000.00	\$311,834.66

Expenditures for Period

Beginning April 1, 1941 and ending March 31, 1942

	First Division	Second Division	Third Division	Fourth Division	Total
Alaska Road Commission	\$ 9,950.00	\$ 26,525.00	\$ 35,000.00	\$ 25,000.00	\$ 96,475.00
Territorial Road Board	(a) 24,147.88	(b) 19,757.45	(c) 7,250.79	(d) 12,546.77	63,702.89
TOTAL	\$ 34,097.88	\$ 46,282.45	\$ 42,250.79	\$ 37,546.77	\$160,177.89
(a) (1) Craig-Klawock Road	\$15,000.00		(c) Tetlin Aviation Field		\$ 1,500.00
(2) Carlson Creek Trail	5,000.00		Chisina Aviation Field		150.00
Yankee Basin Trail	27.00		Cordova-Eyak Lake Road		865.80
(3) Knudsen Cove Float	750.00		(4) Nash Road		1,500.00
Hoonah Seaplane Float	39.00		Highway Traffic Act		3,232.59
Craig Seaplane Float	90.76		Recording Deeds		2.40
West Petersburg Float	3.76		(d) Chicken Aviation Field		\$ 500.00
Highway Traffic Act	3,232.56				

TERRITORIAL HIGHWAY ENGINEER

Recording Deeds	4.80
(b) Ruby Creek Aviation Field	\$ 500.00
Solomon-Council Road	3,827.17
Nome-Solomon Road	173.40
Council-Camp Creek Road	890.87
Selawik Aviation Field	1,500.00
Kako Road	2,085.86
Kako Aviation Field	1,127.86
Candle-Candle Creek Road	1,240.33
Ungalik Road	1,300.00
Pilgrim Aviation Field	886.00
Dahl Creek Road	1,486.00
Keenan Aviation Field	750.00
Dahl Creek Aviation Field	750.00
Highway Traffic Act	3,232.61
Recording Deeds	7.35

Grubstake Aviation Field	600.00
Steel Creek Aviation Field	850.00
Walker's Fork Aviation Field	150.00
Hughes Aviation Field	1,162.00
Alatna Aviation Field	1,265.00
Gold Creek Aviation Field	604.25
Bettles Aviation Field	601.00
Palmer Creek Aviation Field	503.75
Koyukuk Aviation Field	1,225.00
Rampart Road	45.50
Goodnews Bay-Salmon River Road	1,500.00
Clearwater Aviation Field	300.00
Highway Traffic Act	3,232.62
Recording Deeds	7.65
(1) \$5,000 Forest Funds.	
(2) \$4,392.48 Forest Funds.	
(3) Forest Funds.	
(4) Project otherwise handled deposit credited to Territory.	

Expenditures and Allotments

From April 1, 1942 to March 31, 1943
(As of December 31, 1942)

	First Division	Second Division	Third Division	Fourth Division	Total
Alaska Road Commission	\$ 15,000.00	\$ 42,475.00	\$ 35,000.00	\$ 35,000.00	\$127,475.00
Territorial Road Board	(a) 9,102.68	(b) 9,774.36	(c) 4,360.10	(d) 6,934.55	30,221.69
TOTAL	\$ 24,102.68	\$ 52,249.36	\$ 39,360.10	\$ 41,934.55	\$157,698.69
(a) Sitka Street Pavement		\$3,500.00			
*Hoonah Road		126.00			
Hydaburg Seaplane Float		117.40			
West Petersburg Float		1,047.16			
*Snow Removal		50.00			
Highway Traffic Act		4,262.12			
(b) Nome Harbor		\$2,500.00			
Solomon Road		16.30			
Shungnak Trails		996.00			
Kiana Aviation Field		2,000.00			
Highway Traffic Act		4,262.00			
(c) Talkeetna Aviation Field			\$ 98.00		
Highway Traffic Act			4,262.10		
(d) Livengood Aviation Field			\$ 200.00		
Grubstake Aviation Field			300.00		
Hughes Aviation Field			168.00		
Totatlanika Road			2,054.50		
Highway Traffic Act			4,262.05		
*Forest Road Funds.					

Summary of Expenditures in the First Division

In cooperation with the Alaska Road Commission

APRIL 1, 1941 to MARCH 31, 1942

Name of Project	Road	A. R. C.	Territory	Total
Haines-Pleasant Camp	42½	\$ 278.25	\$ 12,000.00	\$ 12,278.25
Haines-Mud Bay	10	978.84	4,000.00	4,978.84
Haines-Chilkoot	3	.....	826.06	826.06
Skagway-Dyea	2¾	12,639.59	8,123.94	20,763.53
Total	58½	\$ 13,896.68	\$ 24,950.00*	\$ 38,846.68

*Includes \$15,000 held over from previous biennium.

Summary of Allotments in the First Division

In cooperation with the Alaska Road Commission

APRIL 1, 1942 to MARCH 31, 1943

Name of Project	Road	A. R. C.	Territory	Total
Haines-Pleasant Camp	42½	\$ 1,000.00	\$ 12,200.00	\$ 13,200.00
Haines-Mud Bay	10	1,000.00	2,000.00	3,000.00
Haines-Chilkoot	3	.....	400.00	400.00
Sitka Pioneer Cemetery Road	½	.....	200.00	200.00
Sitka National Cemetery Road	½	.....	200.00	200.00
Total	58½	\$ 2,000.00	\$ 15,000.00	\$ 17,000.00

Summary of Expenditures in the Second Division

In cooperation with the Alaska Road Commission

APRIL 1, 1941 to MARCH 31, 1942

Name of Project	Road	Sled Road	Total	A. R. C.	Territory	Total
Nome-Council and Branches	65	18½	83½	\$ 11,631.35	\$ 3,000.00	\$ 14,631.35
Council-Ophir Creek	12	.....	12	178.85	100.00	278.85
Nome-Bessie	3¼	.....	20¾	749.32(a)	300.00	1,049.32
Bessie-Snake River	20¾	.....	20¾	183.14	400.00	583.14
Bessie-Sunset Creek	12	.....	12	75.39	100.00	175.39
Nome-Osborne	10¼	.....	10¼	122.50	300.00	422.50
Bessie-Buster	7¼	.....	7½	138.32	100.00	238.32
Mouth of Center Creek	3	.....	3	14.95	20.00	34.95
Submarine Paystreak	3	.....	3	40.35	100.00	140.35
Nome Airfield .....	.....	.....	.....	88.00(b)	22.95	110.95
Candle Creek	7	.....	7	51.11	60.00	111.11
Deering-Inmachuk	25	.....	25	1,215.31	1,000.00	2,215.31
Teller-Bluestone	15½	2½	18	1,367.76	1,500.00	2,867.76
Bunker Hill-Kougarok	35¾	2¾	38½	25,527.50	32,215.83	57,743.33
Coffee Creek Road	2	.....	2	.....	2,000.00	2,000.00
Iron Creek-American Creek .....	.....	12	12	.....	248.53	248.53
Iron Creek Road .....	.....	7½	7½	.....	57.69	57.69
Totals	221¾	43½	265	\$ 41,383.85	\$ 41,525.00*	\$ 82,908.85

(a) Includes \$571.93 contributed by U. S. Smelting, Refining and Mining Company.

(b) Contributed by Madeline Moore.

*Includes \$15,000 held over from previous biennium. See elsewhere A. R. C. distribution for this Division.

Summary of Allotments in the Second Division

In cooperation with the Alaska Road Commission

APRIL 1, 1942 to MARCH 31, 1943

Name of Project	Road	Sled Road	Total	A. R. C.	Territory	Total
Nome-Council and Branches	65	18½	83½	\$ 10,000.00	\$ 5,000.00	\$ 15,000.00
Nome Local Roads	59½	...	59½	7,000.00	5,000.00	12,000.00
Deering-Inmachuk	25	...	25	1,500.00	1,500.00	3,000.00
Dime Creek .....	...	9	9	500.00	500.00	1,000.00
Teller-Bluestone	15½	2½	18	1,500.00	1,500.00	3,000.00
Bunker Hill-Kougarok	35½	2¾	38½	25,000.00	27,475.00	52,475.00
Iron Creek Roads .....	...	7½	7½	1,000.00	1,000.00	2,000.00
Nome Airfield .....	...	...	...	...	500.00	500.00
Totals	200¾	40¼	241	\$ 46,500.00	\$ 42,475.00	\$ 88,975.00

Summary of Expenditures in the Third Division

In cooperation with the Alaska Road Commission

APRIL 1, 1941 to MARCH 31, 1942

Name of Project	Road	Sled Road	Total	A. R. C.	Territory	Total
Chitina-Native School Road	1	...	1	.....	\$ 16.12	\$ 16.12
Wasilla-Fishhook-Palmer Roads	47¾	...	47¾	\$ 45,525.62 (a)	12,000.00	57,525.62
Grubstake Branch	1½	...	1½	1,500.00 (b)	3,000.00	4,500.00
Willow Station Airfield .....	...	...	...	.....	296.16	296.16
Palmer-Matanuska Roads	21	...	21	2,236.73	1,500.00	3,736.73
Wasilla-Finger Lake-Palmer Roads	33½	...	33½	1,866.26	1,500.00	3,366.26
Wasilla Airfield .....	...	...	...	.....	286.75	286.75
Valdez-Mineral Creek	10¾	...	10¾	.....	347.90	347.90
McCarthy-Dan Creek	20	...	20	1,538.12	2,000.00	3,538.12
McCarthy Airfield .....	...	...	...	.....	163.40	163.40
Anchorage-Lake Spenard Roads	15¾	1½	17½	1,188.24	5,872.63	7,060.87
Anchorage Loop-Palmer and Branches	61¾	...	61¾	22,395.10	3,550.00	25,945.10
Lake Spenard Canal .....	...	...	...	.....	39.08	39.08
Hunger Lake Dam .....	...	...	...	.....	161.27	161.27
Dillingham-Wood River	9¾	...	9¾	2,156.59	3,000.00	5,156.59
Curry Airfield .....	...	...	...	.....	431.02	431.02
Karluk Suspension Bridge .....	...	...	...	.....	163.21	163.21
Homer Roads	23	...	23	3,416.63 (c)	8,000.00	11,416.63
Kasilof Airfield .....	...	...	...	.....	1,313.52	1,313.52
..... of Road	7	...	7	.....	6,144.86	6,144.86
..... er Airfield .....	...	...	...	.....	209.08	209.08
Totals	252	1½	253½	\$ 81,823.34	\$ 50,000.00	\$131,823.34

- (a) Includes \$500.00 contributed by the Buffalo Mining Company.
- (b) Contributed by the Grubstake Mining Company.
- (c) Includes \$253.33 contributed by Red Mountain Chromite, Inc.
- * Includes \$15,000 held over from previous biennium.

Summary of Allotments in the Third Division

In cooperation with the Alaska Road Commission
APRIL 1, 1942 to MARCH 31, 1943

Name of Project	Sled		Total	A. R. C.	Territory	Total
	Road	Road				
Willow Mountain Roads	29	2 ¹ / ₄	31 ¹ / ₄	\$ 13,000.00	\$ 2,000.00	\$15,000.00
Wasilla-Fishhook-Palmer and Branches	47 ³ / ₄	.....	47 ³ / ₄	7,000.00	3,000.00	10,000.00
Lucky Shot-Willow Station and Branches	27 ¹ / ₄	.....	27 ¹ / ₄	2,000.00	1,000.00	3,000.00
Palmer-Matanuska and Branches	21	.....	21	2,000.00	1,000.00	3,000.00
Wasilla-Matanuska and Branches	11 ³ / ₄	.....	11 ³ / ₄	2,000.00	1,000.00	3,000.00
Wasilla-Finger Lake-Palmer and Branches	33 ¹ / ₂	.....	33 ¹ / ₂	3,500.00	3,500.00	7,000.00
Anchorage-Spenard and Branches	15 ³ / ₄	.....	15 ³ / ₄	4,000.00	4,000.00	8,000.00
Anchorage Loop Roads	26 ³ / ₄	.....	26 ³ / ₄	7,000.00	1,000.00	8,000.00
Dillingham-Wood River	9 ¹ / ₄	.....	9 ¹ / ₄	4,000.00	2,000.00	6,000.00
Bull River Road	17 ¹ / ₂	.....	17 ¹ / ₂	.....	10,000.00	10,000.00
Homer Roads	27 ¹ / ₂	.....	27 ¹ / ₂	4,000.00	4,000.00	8,000.00
McCarthy Roads	26 ¹ / ₂	.....	26 ¹ / ₂	7,000.00	1,000.00	8,000.00
Valdez-Mineral Creek	10 ³ / ₄	.....	10 ³ / ₄	.....	600.00	600.00
Cache Creek and Homer Airfields .....	.....	.....	.....	.....	900.00	900.00
Totals	304¹/₄	2¹/₄	306¹/₂	\$ 55,500.00	\$ 35,000.00	\$ 90,500.00

Summary of Expenditures in the Fourth Division

In cooperation with the Alaska Road Commission
APRIL 1, 1941 to MARCH 31, 1942

Name of Project	Sled		Total	A. R. C.	Territory	Total
	Road	Road				
Rapids Airfield .....	.....	.....	.....	\$ .....	\$ 12.48	\$ 12.48
Branches to the Richardson Highway	16 ³ / ₄	.....	16 ³ / ₄	.....	3,750.00	3,750.00
Richardson Highway Telephone Line .....	.....	.....	.....	.....	325.00	325.00
Fox-Livengood and Branches	86 ³ / ₄	.....	86 ³ / ₄	11,428.46	1,000.00	12,428.46
Fairbanks-Chatanika and Branches	61 ¹ / ₂	.....	61 ¹ / ₂	13,377.87(a)	1,600.00	14,977.87
Summit-Fairbanks Creek and Branches	23 ¹ / ₄	.....	23 ¹ / ₄	.....	883.54	883.54
Fairbanks-Ester and Branches	30 ¹ / ₂	6	36 ¹ / ₂	1,920.14(b)	1,000.00	2,920.14
Fairbanks-Chena Hot Springs .....	.....	64	64	.....	1,003.20	1,003.20
Farmer's-Birch Hill and Branches	13 ³ / ₄	.....	13 ³ / ₄	82.61(c)	917.80	1,000.41
Rampart-Eureka	4 ¹ / ₂	23	27 ¹ / ₂	309.72	6,000.00	6,309.72
Rampart Airfield .....	.....	.....	.....	.....	509.78	509.78
Circle Hot Springs Roads	32 ¹ / ₂	.....	32 ¹ / ₂	4,104.00	500.00	4,604.00
Miller House-Harrison Creek and Branches	15 ¹ / ₄	.....	15 ¹ / ₄	402.56	1,000.00	1,402.56
Central House Airfield .....	.....	.....	.....	.....	20.47	20.47
Circle Airfield .....	.....	.....	.....	.....	625.67	625.67
Branches to the Steese Highway	18 ¹ / ₄	.....	18 ¹ / ₄	.....	650.00	650.00
Nulato Airfield and Road	1	.....	1	.....	229.57	229.57
Eight Mile Creek Airfield .....	.....	.....	.....	.....	2,494.19	2,494.19
Ma Hot Springs Roads	48 ³ / ₄	.....	48 ³ / ₄	10,340.53	4,000.00	14,340.53
Ku Gim Landing-Takotna and Branches	25 ¹ / ₄	.....	25 ¹ / ₄	53,697.13(d)	5,764.14	59,681.27
Flat Local Roads	27	.....	27	2,000.88	2,000.00	4,000.88
Flat Airfield .....	.....	.....	.....	.....	760.83	760.83
Ophir-Takotna Roads	26 ¹ / ₂	.....	26 ¹ / ₂	2,384.68(e)	2,000.00	4,384.68

Ganes Creek Road	20	....	20	144.25	100.00	244.25
Ophir Airfield .....	....	....	....	....	7.00	7.00
Nenana Cemetery Road	2½	....	2½	....	500.00	500.00
Bondy Road	¼	....	¼	....	200.00	200.00
Wiseman Airfield .....	....	....	....	....	629.35	629.35
Federal Totatlanika	21¾	2¼	24	....	1,345.98	1,345.98
..... Airfield and Road	1	....	1	....	151.00	151.00
Totals	477	95¼	572¼	\$100,392.83	\$ 40,000.00*	\$140,392.83

* Includes \$15,000 held over from previous biennium.

- (a) Includes \$472.87 contributed by others.
- (b) Includes 257.19 contributed by others.
- (c) Includes 82.61 contributed by others.
- (d) Includes 555.00 contributed by others.
- (e) Includes 37.50 contributed by others.

Summary of Allotments in the Fourth Division

In cooperation with the Alaska Road Commission

APRIL 1, 1942 to MARCH 31, 1943

Name of Project	Road	Sled Road	Total	A. R. C.	Territory	Total
Summit-Fairbanks Creek and Branches	23¼	....	23¼	\$ 1,500.00	\$ 1,500.00	\$ 3,000.00
Fairbanks-Ester and Branches	30½	6	36½	5,000.00	4,000.00	9,000.00
Fairbanks Local Roads	13¾	....	13¾	2,000.00	2,000.00	4,000.00
Circle-Hot Springs and Branches	32½	....	32½	1,000.00	1,000.00	2,000.00
Miller House-Harrison Creek and Branches ...	15¼	....	15¼	1,000.00	1,000.00	2,000.00
Branches to the Steese Highway	18¼	....	18¼	.....	500.00	500.00
Manley Hot Springs Roads	48¾	....	48¾	7,000.00	5,000.00	12,000.00
Flat Local Roads	27	....	27	7,000.00	3,000.00	10,000.00
Ophir-Takotna Roads	26½	....	26½	6,500.00	3,500.00	10,000.00
Kuskokwim Landing-Takotna and Branches ...	25¼	....	25¼	14,350.00	10,650.00	25,000.00
Bethel Road and Airfield	1	....	1	.....	500.00	500.00
Maintenance Ophir, Big Delta, Rapids, Ram- part, Circle Hot Springs, Circle, Central, Nu- lato, Miller, Ruby and Wiseman Airfields .....	....	....	....	.....	2,350.00	2,350.00
Totals	262	6	268	\$ 45,350.00	\$ 35,000.00	\$ 80,350.00

Allotment Territorial Funds

APRIL 1, 1941 to MARCH 31, 1942

	First Division	Second Division	Third Division	Fourth Division	Total
Allotted	\$24,950.00	\$49,000.00	\$50,000.00	\$40,000.00	\$163,950.00
Expended	24,950.00	41,525.00	50,000.00	40,000.00	156,475.00

Balance carried forward to next year		\$ 7,475.00			\$ 7,475.00
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APRIL 1, 1942 to MARCH 31, 1943

	First Division	Second Division	Third Division	Fourth Division	Total
Balance carried forward		\$ 7,475.00			\$ 7,475.00
Allotted	15,000.00	35,000.00	35,000.00	35,000.00	120,000.00
Totals	\$15,000.00	\$42,475.00	\$35,000.00	\$35,000.00	\$127,475.00

Distribution of Road Mileage by Divisions

FIRST DIVISION

Name of Road	Agency*	Length in Miles
Windham Bay	Terr.	6.00
Haines-Chilkoot	"	3.00
Sitka-Pioneer Cemetery	"	0.50
Carlanna Lake Road	"	0.60
Karta River Road	(Coop.) F. S.	4.00
Craig-Klawock	"	5.00
Haines-Jones Point	" A.R.C.	1.50
Haines-Pleasant Camp	"	42.50
Porcupine Extension	"	5.00
Mud Bay Road	"	10.00
Sitka-Indian River	"	0.75
Sitka-National Cemetery	"	0.50
Point Gustavus Road	"	3.50
Skagway-Dyca Road	"	3.00
Douglas Bridge and approaches	A.R.C.	0.50
Ketchikan District	P.R.A.	22.035
Juneau District	"	47.240
Petersburg District	"	10.540
Hyder District	"	23.822

TERRITORIAL HIGHWAY ENGINEER

Sitka District	"	8.694
Wrangell District	"	9.642
Skagway District	"	2.383
Point Agassiz	"	4.588
Tongass National Forest Roads	F. S.	39.60

Total Mileage for Division

254.874

SECOND DIVISION

Name of Road	Agency*	Length in Miles
Nome-Council	(Coop.) A.R.C.	64.00
Council-Ophir	"	12.00
Casa de Paga Road	"	20.00
Shovel Creek	"	5.00
Nome-Bessie	"	3.25
Bessie-Snake River	"	20.75
Snake River-Monument Creek	"	3.00
Nome-Osborne Creek	"	10.25
Bessie-Sunset Creek	"	12.00
Bessie-Buster Creek	"	7.25
Spruce Creek	"	1.50
Nome Wireless Road	"	0.25
Mouth Center Creek Road	"	2.75
Little Creek Branch	"	2.25
Submarine Paystreak	"	3.00
Candle-Candle Creek Road	"	7.00
Candle Radio Road	"	0.25
Deering-Inmachuk	"	25.00
Dime Creek Road	"	9.00
Tin City-Goodwin	"	5.00
Marshal Road	"	4.00
Teller-Bluestone	"	15.50
Bunker Hill-Kougarok	"	35.75
Coffee Creek Road	"	2.00
C. A. A. Road	C.A.A.	1.00

Total Mileage for Division

271.75

Also 80.25 miles narrow gauge railway (Nome-Bunker Hill Tram)

THIRD DIVISION

Name of Road	Agency*	Length in Miles
Spenard-Campbell Creek	Terr.	1.00
Palmer-Matanuska	"	7.25
Moose Creek Coal Road	"	5.00

Allotment Territorial Funds

APRIL 1, 1941 to MARCH 31, 1942

	First Division	Second Division	Third Division	Fourth Division	Total
Allotted	\$24,950.00	\$40,000.00	\$50,000.00	\$40,000.00	\$163,950.00
Expended	24,950.00	41,525.00	50,000.00	40,000.00	156,475.00
Balance carried forward to next year		\$ 7,475.00			\$ 7,475.00

APRIL 1, 1942 to MARCH 31, 1943

	First Division	Second Division	Third Division	Fourth Division	Total
Balance carried forward	\$	\$ 7,475.00	\$	\$	\$ 7,475.00
Allotted	15,000.00	35,000.00	35,000.00	35,000.00	120,000.00
Totals	\$15,000.00	\$42,475.00	\$35,000.00	\$35,000.00	\$127,475.00

Distribution of Road Mileage by Divisions

FIRST DIVISION

Name of Road	Agency*	Length in Miles
Windham Bay	Terr.	6.00
Haines-Chilkoot	"	3.00
Sitka-Pioneer Cemetery	"	0.50
Carlanna Lake Road	"	0.60
Karta River Road	(Coop.) F. S.	4.00
Craig-Klawock	"	5.00
Haines-Jones Point	" A.R.C.	1.50
Haines-Pleasant Camp	"	42.50
Porcupine Extension	"	5.00
Mud Bay Road	"	10.00
Sitka-Indian River	"	0.75
Sitka-National Cemetery	"	0.50
Point Gustavus Road	"	3.50
Skagway-Dyca Road	"	3.00
Douglas Bridge and approaches	A.R.C.	0.50
Ketchikan District	P.R.A.	22.035
Juneau District	"	47.240
Petersburg District	"	10.540
Hyder District	"	23.822

Sitka District	"	8.694
Wrangell District	"	9.642
Skagway District	"	2.383
Point Agassiz	"	4.568
Tongass National Forest Roads	F. S.	39.60
Total Mileage for Division		254.874

SECOND DIVISION

Name of Road	Agency*	Length in Miles
Nome-Council	(Coop.) A.R.C.	64.00
Council-Ophir	"	12.00
Cascade Park Road	"	20.00
Shovel Creek	"	5.00
Nome-Bessie	"	3.25
Bessie-Snake River	"	20.75
Snake River-Monument Creek	"	3.00
Nome-Osborne Creek	"	10.25
Bessie-Sunset Creek	"	12.00
Bessie-Buster Creek	"	7.25
Spruce Creek	"	1.50
Nome Wireless Road	"	0.25
Mouth Center Creek Road	"	2.75
Little Creek Branch	"	2.25
Submarine Paystreak	"	3.00
Candle-Candle Creek Road	"	7.00
Candle Radio Road	"	0.25
Deering-Innuchuk	"	25.00
Olme Creek Road	"	9.00
Thin City-Goodwin	"	5.00
Marshal Road	"	4.00
Teller-Bluestone	"	15.50
Bunker Hill-Kougarok	"	35.75
Coffee Creek Road	"	2.00
C. A. A. Road	C.A.A.	1.00
Total Mileage for Division		271.75

Also 80.25 miles narrow gauge railway (Nome-Bunker Hill Tram)

THIRD DIVISION

Name of Road	Agency*	Length in Miles
Spenard-Campbell Creek	Terr.	1.00
Palmer-Matanuska	"	7.25
Moose Creek Coal Road	"	5.00

Edlund Road	"	2.50
Palmer-Springer	"	11.50
Bogard Road	"	8.50
Wasilla Aviation Field Road	"	0.75
Anchorage-Lake Spetard	"	12.25
Chester Creek Boat Landing	"	1.00
Oil Well Road	"	8.00
Engstrom Road	"	1.75
Werner Branch	"	0.50
Kasilof Road	"	7.00
Pulk Road	"	1.00
Chitina Native School Road	"	1.00
Lakeview Road	"	3.00
Ninilehik Aviation Field Road	"	0.75
Robe Lake Road	"	0.50
Eyak Lake Loop Road	"	0.25
Mabel Mine Road	"	0.25
McCarthy-Kennecott	"	3.50
South Second Street, Cordova	"	0.25
Uldan Road	"	0.50
Naknek Road	"	1.00
Grubstake Road	"	1.25
Seward District	P.R.A.	97.587
Cordova District	"	10.350
Girdwood	"	7.775
Afognak Lake	"	4.534
Alcan Highway (Shum to International Bdy.)	"	138.00
Anchorage Loop-Matanuska River (Coop.) A.R.C.	"	44.25
Palmer-Fishhook	"	14.25
Palmer-Matanuska River	"	1.25
Wasilla-Finger Lake-Palmer	"	13.75
Wasilla-Matanuska	"	9.25
Matanuska Trunk and Branches	"	9.50
Gold Cord	"	3.00
Fishhook-Gold Mint	"	4.25
Lucky Shot-Willow	"	26.00
Anchorage Loop	"	16.75
McDonald Branch	"	1.25
Homer Roads	"	27.50
Valdez-Mineral Creek	"	10.75
Dillingham-Wood Hill	"	9.25
McCarthy-Dan Creek	"	20.00
Chititu Branch	"	6.50
McCarthy-Kennecott River	"	0.50
Seldovia-McDonald Spit	"	1.75
McLeod Road	"	2.25
Bodenburg-Butte	"	6.50
Bull River Road	"	17.25
Glenn Highway	A.R.C.	142.50

Richardson Highway	"	202.00
Edgerton Cutoff	"	39.00
Chukana-Nabesna	"	108.00
Mamna Bay-Mamna Lake	"	15.50
Eklutna Road	"	10.00
Chitina Copper River	"	1.00
Talkeetna-Cache Creek	"	23.50
Anchorage Radio Road	"	0.25
Kodiak Roads	"	7.75
Kanulak-Beecharof Lake Road	"	8.75
Wasilla-Fishhook	"	16.00
Willow Creek Extension	"	15.00
Wasilla-Kuk	"	19.75
Archangel Extension	"	5.50
Upper Willow Creek Branch	"	1.25
Peters Creek Road	"	17.25
Chitina-McCarthy (Railroad Maintenance)	" (59.00 Miles)	
Olds Lake Road	"	1.50
Chugach National Forest Roads	P. H.	27.70
Total Mileage for Division		1,246.446

FOURTH DIVISION

Name of Road	Agency*	Length in Miles
Richardson Democrat	Terr.	4.00
Clenty Creek Roads	"	6.00
Fish Lake-American Creek	"	4.75
Fox-Olmes	"	10.00
Dome-Spaulding	"	2.50
Summit-Fairbanks Creek	"	15.00
Summit-Fish Creek	"	3.25
College Spur	"	0.50
Ester Dome	"	5.25
St. Patrick-Happy-Goldstream	"	9.50
Ester-Beegler	"	3.25
Lazelle Road	"	4.00
Little Eldorado	"	6.00
Isabel Creek	"	1.75
Farmers-Birch Hill	"	3.75
Bellaine-Rickert	"	2.50
Farmers-Chena Slough	"	7.75
Cushman Street Extension	"	0.50
Crossman-Pideler	"	0.75
Miller House-Harrison and Branches	"	15.25
U. S. Creek Road	"	11.00
Eagle Creek Spur	"	1.00
Sourdough Creek Spur	"	4.75

Ruby Aviation Field Road	"	1.25
Brooks-Livengood Creek	"	7.00
Any Creek Branch	"	1.00
Little Creek Road	"	3.00
Ganes Creek Road	"	20.00
Takotna Aviation Field Road	"	1.50
Ready Bullion Road	"	2.50
Long-Birch Road	"	7.00
Fifth Creek Road	"	1.50
Gilmore-Pearl Creek	"	8.75
Goodnews Bay-Salmon River	"	11.00
Tuluksak Road	"	13.50
Wilbur Creek Road	"	1.25
West Fairbanks Road	"	4.00
Big Eldorado Road	"	4.00
Bondy Spur	"	0.25
Alcan Highway (Delta Junction to Division Bdy.)	P.R.A.	148.00
Ester Creek Road	(Coop.) A.R.C.	9.50
Rampart-Eureka	"	4.50
Central House-Portage Creek	"	18.00
Hot Springs-Eureka	"	25.75
Omega Creek Road	"	5.00
Nemuna Cemetery Road	"	2.50
Ferry-Totatlanika Road	"	21.75
Iditarod-Flat	"	8.75
Ophir-Takotna	"	22.00
Olmes-Livengood	"	61.00
Happy Creek (Flat)	"	1.00
Gold Horn Branch	"	1.00
Hot Springs-Tofty	"	18.00
Graehl Bridge Road	"	0.50
Kuskokwim-Takotna and Branches	"	25.25
Greenstone Creek	"	1.75
Coal Creek-Woodchopper	"	7.00
Nulato Aviation Field Road	"	1.00
Bethel Aviation Field Road	"	1.00
Porcupine Creek	A.R.C.	11.00
Steese Highway (Fairbanks-Circle City)	"	163.25
Ketchum Creek Branch	"	5.00
Eagle-Liberty	"	28.25
Eagle-Seventy Mile	"	4.00
Fourth of July Creek	"	5.00
Tanana Mission Road	"	2.00
Fairbanks Radio Station	"	0.25
Deadwood Creek Road	"	9.50
Ruby-Long	"	28.50
Long-Poorman	"	28.00
McKinley Park Road	"	91.25

Kantishna-Park Boundary	"	4.50
Noland Branch	"	5.50
Wiseman-Hammond	"	7.50
Flat-Flat Creek	"	5.75
Head of Flat-Willow-Lower Chicken	"	9.00
Head Willow-Upper Chicken	"	3.00
Flat-Slate Creek	"	7.25
Cantwell-Valdez Creek	"	8.00
Medfra-Nixon Fork	"	12.00
Lake Harding Spur	"	3.00
Richardson Highway (Fairbanks-Isabelle Pass)	"	169.00
Fairbanks-Gilmore Spurs	"	3.25
Ladd Field Road	"	1.75
Pedro Dome Road	"	3.75
Boundary-Jack Wade	"	18.00
Total for Division		1,241.00

Total Mileage for Territory 3,014.07

* Terr. Territory of Alaska.

A. R. C. Alaska Road Commission.

P. R. A. Public Roads Administration.

F. S. U. S. Forest Service.

(Coop.) A. R. C. Territorial Cooperation with Alaska Road Commission.

DISTRIBUTION OF SLED ROADS*

	First Division	Second Division	Third Division	Fourth Division	Total Mileage
Alaska Road Commission		154.75	187.75	1,012.00	1,354.50

*Designating roads that are for the most part impassable in summer time.

DISTRIBUTION OF TRAILS*

	First Division	Second Division	Third Division	Fourth Division	Total Mileage
Alaska Road Commission	6.00	2,954.00	428.25	3,025.00	6,413.25
U. S. Forest Service	773.70		290.60		1,064.30
Total Mileage	779.70	2,954.00	718.85	3,025.00	7,477.55

*Most of the trail mileage consists of winter-flagged trails.