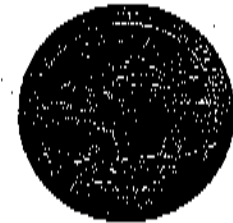


BIENNIAL REPORT
OF THE
ALASKA
TERRITORIAL
HIGHWAY ENGINEER
AND
SUPERINTENDENT
OF
PUBLIC WORKS



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1935 - 1936

Summary of Allotments of Territorial Road Funds

(FROM APRIL 1, 1935 TO MARCH 31, 1937)

	First Division	Second Division	Third Division	Fourth Division	Total
Cooperation with Alaska Road Commission	\$ 5,225.00	\$25,000.00*	\$10,000.00	\$14,000.00	\$55,225.00*
Cooperation with Bureau of Public Roads	21.90		5.65		27.55
Expended by the Board	(a) 36,125.17	(b) 2,309.00	(c) 7,448.19	(d) 5,767.15	51,551.51
Special Projects	(e) 200.00	(f) 2,500.00			2,700.00
Total:	\$41,572.47	\$30,709.00	\$17,454.84	\$18,767.15	\$109,503.46

*\$4,000 carried over from previous biennium

(a) \$14,768.21 Craig-Klawock Road	\$1.85 Homer Spit Road
\$707.49 Skagway Aviation Field	\$2,000.00 Eyak Lake Revetment
\$18,158.78 Unuk River Trail	\$102.07 Seward Aviation Field
\$1,491.69 Hawk Inlet Road	(d) \$154.20 Nenana Aviation Field
\$1,000.00 Juneau Land Slide	\$542.48 Jack Wade Aviation Field
(b) \$550.00 Selawik Aviation Field	\$1,493.00 Cripple Aviation Field
\$1,359.00 Taylor Creek Aviation Field	\$2,156.31 Hot Springs Aviation Field
(c) \$1,252.27 Seward Bridge	\$565.00 Tanana Crossing Aviation Field
\$74.87 Eyak Loop Road	\$455.00 Goodpaster Aviation Field
\$1,022.60 Poe Bay-Portage Mine Road	\$85.16 Ruby Aviation Field
\$772.86 Bremner Aviation Field	(e) Hyder Flood Control
\$1,047.09 Naknek Water Supply	(f) Nome Harbor
\$2,175.49 Snag Point-Dillingham Road	

Summary of Expenditures in the First Division

In cooperation with the Alaska Road Commission

APRIL 1, 1935 TO MARCH 31, 1936

Name of Project	Wagon Road	Sled Road	Trail	Total	A.R.C.	Territory	Total
Haines-Pleasant Camp	42			42	\$ 7,395.56	\$ 2,099.50	\$ 9,495.06
Haines-Mud Bay	11			11	604.64	500.00	1,104.64
Haines-Chilkoot	3			3		844.12	844.12
Sitka-Pioneer Cemetery Road	½			½		256.34	256.34
Skagway Trails			6	6	100.00	75.20	175.20
Point Gustavus Roads	3½			3½	340.39	1,124.84	1,465.23
Total	60		6	66	\$ 8,440.59	\$ 4,900.00	\$13,340.59

Summary of Allotments in the First Division

In cooperation with the Alaska Road Commission

APRIL 1, 1936 TO MARCH 31, 1937

Name of Project	Wagon Road	Sled Road	Trail	Total	A.R.C.	Territory	Total
Haines-Pleasant Camp	42			42	\$ 5,476.50	\$ 3,025.00	\$ 8,501.50
Haines-Mud Bay	11			11	1,009.00		1,009.00
Haines-Chilkoot	3			3		500.00	500.00
Sitka-Pioneer Cemetery Road	½			½		200.00	200.00
Skagway Trails			6	6	200.00		200.00
Point Gustavus Roads	3½			3½	2,600.00	1,500.00	4,100.00
Total	60		6	66	\$ 9,275.50	\$ 5,225.00	\$14,500.50

Nome Harbor:

On December 22, 1917, the City of Nome entered into an agreement with the War Department in which the City of Nome pledged itself to contribute \$2,500 annually toward the improvement of the Snake River channel in order to permit the unloading of freight and passengers on the river bank from scows and small craft.

The City of Nome defaulted in this agreement and since 1925 the Legislature has authorized road funds to be used for this purpose. Up to 1931 each Legislature in turn made this authorization and by the Act of 1931 (Chapter 3) it became a continuing act.

The project roughly consists of two parallel concrete and timber jetties following the opposite channel lines of Snake River, the easterly one being 1,016 feet in length and the westerly one being 618 feet long, together with the revetment of the river bank and the dredging of an 8-foot channel and the dredging of a basin about 200 by 600 feet.

The construction cost of this project has been \$372,950 while the maintenance cost to date has been \$285,618 or a total cost of \$658,568 in addition to \$36,000 of contributed funds.

DISTRIBUTION OF ROAD MILEAGE**FIRST DIVISION****Roads Built and Maintained by the Territory**

Name of Road	Length in Miles	Total Miles
Haines-Chilkoot	3.00	
Sitka-Pioneer Cemetery	0.50	
Ketchikan Cemetery Road	0.50	
Ketchikan Hydroport	0.25	4.25

Roads Built and Maintained Cooperatively by the Territory and the Alaska Road Commission

Name of Road	Length in Miles	Total Miles
Haines-Jones Point	1.50	
Haines-Pleasant Camp	42.00	
Porcupine Extension	5.00	
Mud Bay Road	11.00	
Sitka-Indian River	0.75	
Sitka-National Cemetery	0.50	
Point Gustavus Roads	3.50	
Hink River Road	0.75	65.00

Roads Built and Maintained by the Alaska Road Commission

Name of Road	Length in Miles	Total Miles
Juneau-Douglas bridge and approaches	0.50	0.50

Roads Built and Maintained by the Bureau of Public Roads (\$327,051.50 contributed by Territory)

Name of Road	Length in Miles	Total Miles
Ketchikan	20.178	
Juneau	43.007	
Petersburg	7.857	
Hyder	23.888	
Yakutat	1.428	
Sitka	4.611	
West Petersburg	2.852	
Wrangell	6.325	
Skagway	4.771	
Kake	1.419	
Hydaburg	0.903	
Hoonah	1.379	
Point Agassiz	4.588	
Mill Creek	0.895	
Craig-Klawock	1.179	
Douglas	2.016	127.228

Roads Built and Maintained by U. S. Forest Service

Name of Road	Length in Miles	Total Miles
Tongass National Forest	12.49	12.49
Total for Division		209.463

SECOND DIVISION

All Roads in this Division are Built and Maintained Cooperatively
by the Territory and the Alaska Road Commission

Name of Road	Length in Miles	Total Miles
Nome-Council	48.50	
Council-Ophir	12.00	
Casa de Paga Road	20.00	
Shovel Creek	5.00	
Nome-Bessie	3.25	
Bessie-Snake River	18.50	
Snake River-Monument	3.00	
Bessie-Sunset	12.00	
Nome-Osborne	10.25	
Bessie-Buster	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	7.25	
Candle Radio Road	0.25	
Derring-Inmachuk	20.00	
Dime Creek	9.00	
Tin City-Goodwin	3.00	
Marshall Road	7.00	
Teller-Bluestone	10.75	
Bunker Hill-Kougarok	2.00	209.75

Also 80.25 miles narrow gauge railway (Nome-Shelton tram)

THIRD DIVISION

Roads Built and Maintained by the Territory

Name of Road	Length in Miles	Total Miles
Spensard-Campbell Creek	2.00	
Palmer-Matanuska	7.25	
Moose-Palmer	4.00	
Kidund Road	2.50	
Palmer-Springer	11.50	
Eogard Road	8.50	
Wasilla Aviation Field Road	0.75	
Anchorage-Spensard	5.00	
Chester Creek Boat Landing	1.00	
Oil Well Road	2.75	
Engstrom Road	1.75	
Werner Branch	0.50	
Kasilof Road	7.00	
Strelna-Kuskulana	12.50	
Nugget Creek Branch	8.00	
Granby Road	5.00	
Chitina Native School Road	1.00	
Falk Road	1.00	
Lakeview Road	3.00	
Ninlichik Aviation Field Road	0.75	
Robe Lake Road	0.75	84.50

Roads Built and Maintained by the Bureau of Public Roads
(\$111,068.68 contributed by Territory)

Name of Road	Length in Miles	Total Miles
Seward	20.989	
Cordeva	7.143	
Kenai River	5.878	
Kalalla	13.094	
Chrdwood	7.775	
Palmer Creek	11.925	
Moose Pass	45.541	
Johnson Pass	8.133	
Afognak Lake	4.534	126.610

Roads Built and Maintained by U. S. Forest Service

Name of Road	Length in Miles	Total Miles
Chugach Forest	14.56	14.56

Roads Built and Maintained Cooperatively by the Territory and
Alaska Road Commission

Name of Road	Length in Miles	Total Miles
Anchorage Loop-Matanuska River	44.00	
Palmer-Fishhook	15.25	
Palmer-Matanuska River	1.25	
Wasilla-Finger Lake-Palmer	12.75	
Wasilla-Matanuska	9.25	
Matanuska Trunk Road	9.50	
Gold Cord	2.50	
Fishhook-Gold Mine	4.25	
Lucky Shot-Willow	28.00	
Anchorage Loop	19.50	
McDonald Branch	1.25	
Homer Spit Road	17.25	
Valdez-Mineral Creek	10.75	
Dillingham-Snag Point	6.00	
McCarthy-Dan Creek	20.00	
Chititu Branch	6.50	
McCarthy-Kennecott River	0.50	
Seldovia-McDonald Spit	1.75	
McLeod Road	2.25	
Spensard-Campbell Creek	2.00	
Bodenburg-Butte	6.50	219.00

Roads Built and Maintained by Alaska Road Commission

Name of Road	Length in Miles	Total Miles
Richardson Highway	202.00	
Edgerton Cutoff	29.00	
Gulkana-Nabesna	107.50	
Green Butte	18.00	
Ilamna Bay-Ilamna Village	12.00	
Talkeetna-Cache Creek	23.50	
Anchorage Radio Road	0.25	
Kodiak Roads	16.50	
Kanatak-Becharof Lake	8.75	
Wasilla-Fishhook	18.00	
Willow Creek Extension	13.00	
Wasilla-Knik	19.75	
Archangel Extension	5.50	

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



1937 - 1938

Summary of Expenditures in the Third Division

In cooperation with the Alaska Road Commission

APRIL 1, 1937 TO MARCH 31, 1938

Name of Project	Sled		Trail	Total	A. R. C.	Territory	Total
	Road	Road					
Chitina Native School Road	1			1		\$ 15.92	\$ 15.92
Lucky Shot-Willow Station	28			28	8,064.88	5,819.78	13,884.64
Matanuska Trunk Road-Branches	9½			9½	798.27	430.00	1,158.27
Palmer-Matanuska-Branches	7½			7½	1,042.28	610.00	1,652.28
Edlund Road	2½			2½	189.26	96.00	284.26
Bogard Road	8½			8½	1,344.42	870.00	2,214.42
Valdez-Mineral Creek	10½			10½	401.12	859.41	1,260.53
Ryak Lake Loop Road	¼			¼		64.80	64.80
Cache Creek Aviation Field						117.38	117.38
Talkeetna Aviation Field						1,052.58	1,052.58
McCarthy-Dan Creek	20			20	11,545.43	6,750.00	18,295.43
Chititu Branch	6½			6½	435.80	275.00	710.80
McCarthy Aviation Field					10.00 (a)	98.40	108.40
McCarthy-Kennecott	3½			3½	59.32 (b)	735.76	785.08
Valdez Aviation Field						243.45	243.45
Anchorage-Lake Sperard	5			5		2,330.68	2,330.68
Chester Creek Boat Landing Road	1			1		16.01	16.01
Olwell Road	5½			5½		3,470.21	3,470.21
Dillingham-Snag Point	6			6	735.80	450.00	1,185.80
Bull River Road	9	4½		13½	60,182.23	10,060.00 (c)	60,182.23
Colorado Aviation Field						1,277.63 (d)	1,277.63
Total	122½	4½		128½	\$79,703.69	\$25,600.00	\$110,303.69

(a) Contributed by others.

(b) Contributed by the Kennecott Corp.

(c) Includes \$8,722.97 from previous biennium.

(d) From previous biennium.

Summary of Allotments in the Third Division

In cooperation with the Alaska Road Commission

APRIL 1, 1938 TO MARCH 31, 1939

Name of Project	Sled		Trail	Total	A. R. C.	Territory	Total
	Road	Road					
Chitina Aviation Field					\$ 800.00 (a)	\$ 3,000.00	\$ 3,800.00
Chitina Native School Road	1			1		500.00	500.00
Lucky Shot-Willow Station	28			28	3,000.00	1,000.00	4,000.00
Matanuska Trunk Road and Branches	9½			9½			
Palmer-Matanuska and Branches	7½			7½			
Edlund Road	2½			2½	7,350.00	5,350.00	12,700.00
Bogard Road	8½			8½			
Valdez-Mineral Creek	10½			10½	500.00	500.00	1,000.00
McCarthy-Dan Creek	20			20			
Chititu Branch	6½			6½	11,500.00	3,000.00	14,500.00
Anchorage-Lake Sperard	10			10		7,000.00	7,000.00
Chester Creek Boat Landing	1			1		100.00	100.00
Olwell Road	5½			5½	1,500.00	1,500.00	3,000.00
Kalstr. Bay Trail			21	21		1,000.00	1,000.00
Dillingham-Wood River	9½			9½	1,500.00	14,000.00	15,500.00
Bull River Road	13½			13½	5,000.00	5,000.00	10,000.00
Homer Roads	18½			18½	8,000.00	6,250.00	14,250.00
Peters Creek-Cache Creek	14½			14½	5,000.00	3,000.00	8,000.00
Mabel Mine Road	¼			¼		300.00	300.00
Total	164½		21	185½	\$44,150.00	\$51,500.00	\$95,650.00

(a) Contributed by residents of Chitina.

Chester Creek Boat Landing:

Necessary maintenance was performed.

Oilwell Road:

This road was extended $3\frac{1}{4}$ miles to serve settlers in the area. The road is now $5\frac{1}{4}$ miles in length.

Clearing and grading was performed on the $3\frac{1}{4}$ miles extension. Surfacing was placed only where most needed. The old road was maintained. Snow removal was performed as required to keep the road open to the airport.

Kalsin Bay Trail:

This trail extends from the end of the Kodiak road near Abberts ranch to Kalsin Bay by way of English Bay and Middle Bay, a distance of 31 miles. Improvements were made to 6 miles of the trail between English Bay and Middle Bay by constructing bridges and culverts.

Dillingham-Wood River:

This route has been extended to the Wood River cannery. The extension begins one mile from Snag Point. The total length of this project is now $9\frac{1}{4}$ miles. The distance from Dillingham to Wood River is $8\frac{1}{4}$ miles with a one mile branch to Snag Point. Construction of the $8\frac{1}{4}$ miles extension was completed except for $\frac{1}{2}$ mile of surfacing. The work done included in addition to necessary clearing and grading, $1\frac{1}{2}$ miles of corduroy and $2\frac{1}{2}$ miles of gravel surfacing.

The extension to the Wood River cannery places this terminus of the road on protected waters where freight can be discharged by lighter and puntoon equipped planes can safely land. All the settlements along the beach are now connected by road.

Bull River Road:

This road extends from Colorado Station on the Alaska Railroad to mining operations west of the West Fork of the Chukina, a distance of $13\frac{1}{4}$ miles. The road was opened up by clearing, stripping, preliminary grading and construction of bridges during 1937.

In 1928 grading was completed and surfacing placed where necessary. Principal bridge crossings were over the Middle Fork, Bull River and West Fork of the Chukina; a total of 1426 lineal feet of standard pile trestle was constructed.

Colorado Aviation Field:

This field is located west of the railroad at Colorado Station. The runway is 140 feet by 1700 feet with timber slashed for 950 feet on the south approach and 780 feet on the north. The work was performed in the spring of 1937 and included clearing, grubbing, stripping, grading and leveling. Most of the work was performed with a tractor and dozer.

Homer Roads:

The road was extended 1 mile to the east to serve additional settlers. Necessary improvements were made on the section of road leading from the new dock at the end of the spit to the mainland. A large part of this section is on a grass-covered sand spit and little work was required or desirable as grading this type of soil would destroy the binding effect of the sod and probably make the route impassable. A section of $\frac{1}{2}$ mile near the mainland that is covered at extreme high tide was surfaced with gravel and clay. Also $\frac{1}{2}$ mile was corduroyed and 1 mile was surfaced on the mainland. Necessary maintenance was performed on the balance of the road including repairs to the bridge over the slough.

Peters Creek-Cache Creek:

This road extends from the Talkeetna-Cache Creek road at Mile 22 up the Peters Creek valley for $14\frac{1}{4}$ miles to the upper Peters Creek crossing. Extensive mining operations are underway on this creek and this route is followed to reach operations on upper Cache Creek.

The route was greatly improved during the biennium. The trail through the canyon was widened to permit truck travel. This included some fairly heavy rock work. A steel bridge 56 feet in length was erected over Peters Creek at the upper crossing. Surfacing was placed on corduroy sections over swampy ground. Plans to extend the work toward upper Cache Creek were not carried out due to extremely wet weather conditions at the end of the season.

Mabel Mine Road:

The road branches from the Archangel road serving the Mabel mill and mine, length, $\frac{1}{2}$ mile.

The road was graded and some surfacing placed to allow trucks to reach the mill and camp buildings.

DISTRIBUTION OF ROAD MILEAGE.

FIRST DIVISION

Roads Built and Maintained by the Territory

Name of Road	Length in Miles	Total Miles
Haines-Chilkoot	3.00	
Sitka-Pioneer Cemetery	0.50	3.50

Roads Built and Maintained Cooperatively by the Territory and Alaska Road Commission

Name of Road	Length in Miles	Total Miles
Haines-Jones Point	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 Roads	3.50	
Rlik River Road	0.70	64.50

Roads Built and Maintained by Alaska Road Commission

Name of Road	Length in Miles	Total Miles
Junco-Douglas Bridge and Approaches	0.50	0.50

Roads Built and Maintained by the Bureau of Public Roads

Location of Road	Length in Miles	Total Miles
Ketchikan	23,289	
Junco District	45,591	
Petersburg	10,550	
Hyder District	23,823	
Sitka	8,694	
Wrangell	6,266	
Seagway	2,428	
Point Agassiz	4,568	
Craig-Elawock	1,179	138,348

Roads Built and Maintained by U. S. Forest Service

Location of Road	Length in Miles	Total Miles
Tongass National Forest	25.65	26.65
Total for Division		220.50

SECOND DIVISION

All Roads in This Division Are Built and Maintained by the Territory and Alaska Road Commission

Name of Road	Length in Miles	Total Miles
Nome-Council	43.50	
Council-Ophir	12.00	
Casa de Faga Road	20.00	
Shovel Creek	5.00	
Nome-Bessie	3.25	
Bessie-Snake River	20.50	
Snake River-Monument	2.00	
Nome-Osborne	10.25	
Bessie-Sunset	12.00	
Hessie-Buster	7.25	
Spruce Creek	1.50	
Nome Wireless Road	0.25	
Mouth of Center Creek Road	3.00	
Little Creek Branch	2.25	
Submarine Faystreak	3.00	
Candle-Candle Creek Road	7.00	
Candle Radio Road	0.25	
Deering-Tumachuk	25.00	
Hime Creek Road	8.00	
Tin City-Goodwin	5.50	
Marshall Road	4.00	
Teller-Bluestone	16.00	
Bunker Hill-Kougarok	12.00	224.50
(Also 80.25 miles narrow gauge railway (Nome-Bunker Hill Tram))		

THIRD DIVISION

Roads Built and Maintained by the Territory

Name of Road	Length in Miles	Total Miles
Spnard-Campbell Creek	2.00	
Palmer-Matanuska	7.25	
Moose-Palmer	4.00	
Edlund Road	2.50	
Palmer-Springer	11.50	
Bogard Road	8.50	
Wasilla Aviation Field Road	0.75	
Anchorage-Lake Spnard	10.00	
Chester Creek Boat Landing	1.00	
Oil Well Road	6.50	
Engstrom Road	1.75	
Werner Branch	0.50	
Kaslof Road	7.00	
Fulk Road	1.00	

Chitina Native School Road	1.00	
Lakeview Road	3.00	
Ninlchik Aviation Field Road	0.75	
Robe Lake Road	0.75	
Eysk Lake Loop Road	0.25	
Mabel Mine Road	0.25	
McCarthy-Kennebott	3.50	
South Second Street, Cordova	0.25	78.00

Roads Built and Maintained by the Bureau of Public Roads

Location of Road	Length in Miles	Total Miles
Seward District	97.816	
Cordova	10.350	
Girdwood	7.775	
Afognak Lake	4.584	120.274

Roads Built and Maintained Cooperatively by the Territory and Alaska Road Commission

Name of Road	Length in Miles	Total Miles
Anchorage Loop-Matanuska River	44.00	
Palmer-Fishhook	15.25	
Palmer-Matanuska River	1.25	
Wasilla-Finger Lake-Palmer	12.75	
Wasilla-Matanuska	9.25	
Matanuska Trunk Road	9.50	
Gold Cord	3.00	
Fishhook-Gold Mint	4.25	
Lucky Shot-Willow	26.00	
Anchorage Loop	19.50	
McDonald Branch	1.25	
Homer Roads	19.25	
Valdez-Mineral Creek	10.75	
Dillingham-Wood River	9.25	
McCarthy-Dan Creek	20.00	
Chitina Branch	6.50	
McCarthy-Kennebott River	0.50	
Seldovia-McDonald Spit	1.75	
McLeod Road	2.25	
Bodenburg-Butte	6.50	
Bull River Road	13.25	235.00

Roads Built and Maintained by the Alaska Road Commission

Name of Road	Length in Miles	Total Miles
Richardson Highway	202.00	
Edgerton Cutoff	39.00	
Gulkana-Nabesna	108.00	
Green Butte	15.00	
Diamna Bay-Diamna Lake	15.50	

Talkeetna-Cache Creek	23.50	
Anchorage Radio Road	0.25	
Kodink Roads	16.50	
Kanatak-Becbarof Lake	9.75	
Wasilla-Fishhook	16.00	
Willow Creek Extension	15.00	
Wasilla-Knik	19.75	
Archangel Extension	5.50	
Upper Willow Creek Branch	1.25	
Peters Creek Road	14.75	
Sutton-Nelchina	19.00	519.75

Forest Roads Built and Maintained by the U. S. Forest Service

Location of Road	Length in Miles	Total Miles
Chugach National Forest	23.6	23.6
Total Mileage for Division		971.62

FOURTH DIVISION

Roads Built and Maintained by the Territory

Name of Road	Length in Miles	Total Miles
Richardson-Democrat	4.00	
Oleary Creek Roads	6.00	
Fish Lake-American Creek	4.75	
Fox-Olmas	10.00	
Dome-Spaulding	2.50	
Summit-Fairbanks Creek	14.75	
Summit-Fish Creek	8.25	
College Spur	0.50	
Ester Dome	5.25	
St. Patrick-Happy-Goldstream	9.00	
Ester-Beepler	1.00	
Lazelle Road	2.25	
Little Eldorado	6.00	
Isabelle Creek	1.75	
Farmers-Birch Hill	9.75	
Bellaine-Rickert	2.50	
Farmers-Chena Slough	9.00	
Miller House-Harrison Creek	12.50	
U. S. Creek Road	7.00	
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	
Brooks Aviation Field Road	1.25	
Little Creek Road	3.00	
Ganes Creek Road	17.00	

BIENNIAL REPORT

of the

Alaska
Territorial
Highway Engineer

and

Superintendent
of
Public Works



1939-1940

Healy Airfield						15.18	17.36
Homer Roads	23			23	5,865.60	3,875.00	10,740.60
Kasilof Road	7			7		3.10	3.10
Total	271¼	45¾	12	329	\$63,891.55	\$49,075.00	\$113,560.55

(a) Includes \$224.07 contributed by Pacific-Alaska Consolidated Mining Co.

(b) Includes \$45.00 contributed by Hilmer Lindstrom.

* Carried over from previous biennium.

** Of this amount, \$1,259.00 carried over from previous biennium.

Summary of Allotments in the Third Division In cooperation with the Alaska Road Commission

APRIL 1, 1940, to MARCH 31, 1941

Name of Project	Road	Sled Road	Trail	Total	A.R.C.	Territory	Total
Chitina Airfield						\$ 1,000.00	\$ 1,000.00
Wasilla Mountain Roads	29	2¼		31¼	\$ 7,000.00	7,500.00	14,500.00
Wasilla-Fishhook-Palmer Roads	4b	2	12	55	6,500.00	6,000.00	12,500.00
Grubstake Branch	½			½		2,500.00	2,500.00
Palmer-Matanuska Roads	2f			2f	2,000.00	1,500.00	3,500.00
Wasilla-Finger Lake-Palmer Roads	33			33	2,500.00	2,000.00	4,500.00
Wasilla-Matanuska Roads	12¾			12¾	1,000.00	1,500.00	2,500.00
Matanuska Dyke						1,100.00	1,100.00
Valdez-Mineral Creek	10¾			10¾	1,000.00	500.00	1,500.00
Cache Creek Airfield						300.00	300.00
McCarthy Roads	26½			26½	6,000.00	6,000.00	12,000.00
Nizina-Bremner Sled Road		40		40		1,000.00	1,000.00

Anchorage Loop Roads	29½			29½	3,500.00	3,500.00	7,000.00
Anchorage-Lake Spenard Roads	13¼	1½		14¾	1,000.00	11,100.00	12,100.00
Lake Spenard Airfield						1,500.00	1,500.00
Lake Spenard-Lake Hood Canal						2,500.00	2,500.00
Bull River Road	13½			13½	250.00	750.00	1,000.00
Hunger Lake Dam						250.00	250.00
Karluk Suspension Bridge						3,500.00	3,500.00
Dillingham-Wood River	9¼			9¼	2,000.00	2,000.00	4,000.00
Homer Roads	23			23	5,809.46	10,390.54	16,200.00
Homer Dock						3,000.00	3,000.00
Homer Airfield						1,200.00	1,200.00
Total	262¾	45¾	12	320½	\$38,558.46	\$70,590.54	\$109,150.00

Naknek Lake Road:

This is a new project consisting of the construction of one mile of new road from the town of Naknek to Naknek Lake, used by airplanes, and provides a means of transportation between the two points.

Hunger Lake Dam:

A new project at the outlet of Hunger Lake $2\frac{1}{2}$ miles from Naknek. The work is being done to raise the level of the lake three feet in order to make this lake suitable for landing pontoon ships and much longer than the lake now being used. The Naknek Lake Road will be extended providing the dam proves to be practicable.

Bull River Road:

Regular maintenance performed in cooperation with the Golden Zone Mining Company which makes greatest use of the road.

Karluk River Suspension Bridge:

This new 300-foot suspension bridge spans the Karluk River, connecting the village with the school.

Billingham-Wood River:

Five hundred feet of road was constructed from the top of the bench and end of the road to the cannery at Wood River and the last two miles of this road was worked over and gravelled.

Regular maintenance was performed.

Healy Airfield:

A contour survey and map of this field was made, showing possibilities of enlargement.

Homer Roads:

Four and three-fourths miles of new roads to reach various settlers on the bench were constructed making the Homer Road system 23 miles.

The Spit Road was greatly improved. Graveling was extended east to the end of the road.

Homer Dock:

Cresoted piling were furnished, the construction of the dock being performed by the people of Homer.

Homer Airfield:

This new airfield was just recently completed. It is located along the bank of the slough near the Spit Road, a metal culvert with automatic gate having been installed under the road to keep out sea water at high tides. The field is 175 by 1500 feet.

THIRD DIVISION

Name	Work Done	Exp. 1939	Exp. or Obl. 1940
Cabins on Egegik-Kanatak Trail	Repair 3 cabins on Becharof Lake & construct 2 new cabins, material only (labor by C.D.C.)		\$200.00

FOURTH DIVISION

Name	Work Done	Exp. 1939	Exp. or Obl. 1940
Halfway (Nulato-Kaltag)	Move and repair	\$ 199.70	
Boulder Creek	Repairs and install stove	157.56	
Windy Arm	Repairs and install stove	161.92	
Ninety-eight Cabin	Install stove & pipe	23.60	
Tavern	New cabin	175.00	
Mile 30 Cabin (Nenana-Knights)	Repairs	20.00	
Henshaw Creek	New 14x16 log cabin	180.00	
Twelve Mile (Jim Pup Trail) (Bethel-Kipnek Trail)	New 13x13½ log cabin	167.22	
Irkavik River, 60 miles from Bethel	Materials & freight, new 12x14 frame cabin with storm-shed. Including partial cost erection		\$370.00
Kwikluk River, 110 miles from Bethel	Same		\$70.00
	Totals	\$1,085.00	\$740.00

SUMMARY OF EXPENDITURES AND OBLIGATIONS FOR BIENNIIUM

	2nd Div.	3rd Div.	4th Div.	Total
Alaska Road Commission	\$1,465.60	\$200.00	\$1,825.00	\$3,490.60
Terr. Board (Tatlius Field Cabin)			1,009.40	1,009.40
Terr. Board (Kobi-Gold King - 2 cabins authorized)			500.00	500.00
Total	\$1,465.60	\$200.00	\$3,334.40	\$5,000.00

Summary of Expenditures for Telephone Lines

MAY 15, 1939 to JANUARY 1, 1941

Seward Peninsula Telephone Lines	3,217.25
Tanana-Unalakleet Line	1,727.90
Copper River Line	1,120.00
Rampart-Barocka Line	42.00
Total	\$5,107.15

Distribution of Road Mileage

FIRST DIVISION

Roads Built and Maintained by the Territory

Name of Road	Length in Miles	Total Miles
Windham Bay	6.00	
Haines-Chilkoot	3.00	
Sitka-Pioneer Cemetery	0.50	
Carlana Lake Road	0.80	
Karta River Road	4.00	14.10

Roads Built and Maintained Cooperatively by the Territory and Alaska Road Commission

Name of Road	Length in Miles	Total Miles
Haines-Jones Point	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 Roads	3.50	
Skagway-Dyea Road	2.50	60.25

Roads Built and Maintained by Alaska Road Commission

Name of Road	Length in Miles	Total Miles
Juneau-Douglas Bridge and Approaches	0.50	0.50

Roads Built and Maintained by the Public Roads Administration (Tongass National Forest)

Location of Road	Length in Miles	Total Miles
Ketchikan	23,249	
Juneau District	45,387	
Petersburg	10,550	
Hyder District	23,822	

Sitka	8.694	
Wrangell	9.842	
Skagway	2.383	
Point Agassiz	4.568	
Craig-Klawock	4.241	132.538

Roads Built and Maintained by U. S. Forest Service

Location of Road	Length in Miles	Total Miles
Tongass National Forest	35.9	35.9
Total for Division		249.288

SECOND DIVISION

All Roads in This Division Are Built and Maintained by the Territory and Alaska Road Commission

Name of Road	Length in Miles	Total Miles
Nome-Council	43.50	
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	3.00	
Nome-Oskenne	10.25	
Bessie-Sunset	12.00	
Bessie-Buster	7.25	
Spruce Creek	1.50	
Nome Wireless Road	0.25	
Mouth of Center Creek Road	3.00	
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	5.50	
Marshal Road	4.00	
Teller-Bluestone	15.50	
Bunker Hill-Kougarok	18.50	231.75

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

THIRD DIVISION

Roads Built and Maintained by the Territory

Name of Road	Length in Miles	Total Miles
Spenard-Campbell Creek	2.00	
Palmer-Matanuska	7.25	

Moose-Palmer	4.00	
Edlund Road	2.50	
Palmer-Springer	11.50	
Bogard Road	8.50	
Wasilla Aviation Field Road	0.75	
Anchorage-Lake Spenard	12.25	
Chester Creek Boat Landing	1.00	
Oil Well Road	3.00	
Engstrom Road	1.75	
Werner Branch	0.50	
Kasthof Road	7.00	
Falk Road	1.00	
Chitina Native School Road	1.00	
Lakeview Road	3.00	
Nimlichik Aviation Field Road	0.75	
Robe Lake Road	0.75	
Eyak Lake Loop Road	0.25	
Mabel Mine Road	0.25	
McCarthy-Kennecott	3.50	
South Second Street, Cordova	0.25	
Urban Road	0.50	
Naknek Road	1.00	
Grubstake Road	0.50	79.75

Roads Built and Maintained by the Public Roads Administration (Chugach National Forest)

Location of Road	Length in Miles	Total Miles
Seward District	97.588	
Cordova	10.350	
Girdwood	7.775	
Alagnak Lake	4.534	120.247

Roads Built and Maintained Cooperatively by the Territory and Alaska Road Commission

Name of Road	Length in Miles	Total Miles
Anchorage Loop-Matanuska River	44.25	
Palmer-Fishhook	15.25	
Palmer-Matanuska River	1.25	
Wasilla-Finger Lake-Palmer	12.75	
Wasilla-Matanuska	9.25	
Matanuska Trunk Road and Branches	10.00	
Gold Cord	3.00	
Fishhook-Gold Mint	4.25	
Lucky Shot-Willow	26.00	
Anchorage Loop	19.50	
McDonald Branch	1.25	
Homer Roads	23.00	
Valdez-Mineral Creek	10.75	

Dillingham-Wood River	9.25	
McCarthy-Dan Creek	30.00	
Chitina Branch	6.50	
McCarthy-Kennebeco, River	0.50	
Seldovia-McDonald Spit	1.75	
McLeod Road	2.25	
Podenburg-Butte	6.50	
Bull River Road	13.25	240.50

Roads Built and Maintained by the Alaska Road Commission

Name of Road	Length in Miles	Total Miles
Richardson Highway	202.00	
Edgerton Cutoff	39.00	
Gulkana-Nabesna	108.00	
Manana Bay-Manana Lake	15.50	
Eklutna Lake Road	10.00	
Chitina-Copper River	1.00	
Talkeetna-Cagle Creek	23.50	
Anchorage Radio Road	0.25	
Kodiak Roads	12.50	
Kanatak-Bacharof Lake	8.75	
Wasilla-Fishhook	16.00	
Willow Creek Extension	15.00	
Wasilla-Knik	19.75	
Archangel Extension	5.50	
Upper Willow Creek Branch	1.25	
Peters Creek Road	14.75	492.75
Chitina-McCarthy (R. R. Maintenance)		59.00

Forest Roads Built and Maintained by the U. S. Forest Service

Location of Road	Length in Miles	Total Miles
Chugach National Forest	27.6	27.6
Total Mileage for Division		960.847

FOURTH DIVISION

Roads Built and Maintained by the Territory

Name of Road	Length in Miles	Total Miles
Richardson-Democrat	4.00	
Clary Creek Roads	6.00	
Fish Lake-American Creek	4.75	
Fox-Olms	10.00	
Dome-Spalding	2.50	
Summit-Fairbanks Creek	14.75	
Summit-Fish Creek	8.25	
College Spur	0.50	
Ester Dome	6.25	
St. Patrick-Happy-Goldstream	9.00	

Ester-Boegler	1.00
Luzelle Road	4.00
Little Eldorado	6.00
Isabelle Creek	1.75
Farmers-Birch Hill	8.75
Bellaine-Rickert	2.50
Farmers-Chena Slough	9.00
Cushman Street Extension	1.75
Crossman-Fideler	0.75
Miller House-Harrison Creek	13.25
U. S. Creek Road	7.00
Eagle Creek Spur	1.00
Sourdough Creek Spur	4.75
Ruby Aviation Field Road	1.25
Brooks-Livengood Creek	7.00
Amy 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
Faith Creek Road	1.50
Gilmore Pearl Creek	8.75
Gilmore-Summit Spur	0.25
Goodnews Bay-Salmon River	11.00
Tuluksak Road	13.50
Wilbur Creek Road	0.50

205.25

Roads Built and Maintained Cooperatively by the Territory and Alaska Road Commission

Name of Road	Length in Miles	Total Miles
Ester Creek Road	9.50	
Hampart-Eureka	4.50	
Central House-Portage Creek	18.00	
Hot Springs Landing-Eureka	25.50	
Omega Creek Road	7.00	
Nenana Cemetery Road	2.50	
Ferry-Totatlanika	21.75	
Iditarod-Flat	8.75	
Ohpir-Takotna	22.00	
Olms-Livengood	61.00	
Happy Creek (Flat)	1.00	
Gold Horn Branch	1.00	
Hot Springs-Tofty	18.00	
Grachi Bridge Road	0.50	
Kuskokwim-Takotna and Branches	25.25	
Greenstone Creek	1.75	

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



1941 - 1942

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	18%	83%	\$ 10,000.00	\$ 5,000.00	\$ 15,000.00
Nome Local Roads	69%	--	69%	7,000.00	5,000.00	12,000.00
Deering-Innackluk	25	--	25	1,500.00	1,500.00	3,000.00
Dime Creek	---	9	9	500.00	500.00	1,000.00
Teller-Bluestone	15%	2%	18	1,500.00	1,500.00	3,000.00
Bunker Hill-Kougarak	35%	2%	38%	25,000.00	27,475.00	52,475.00
Iron Creek Roads	---	7%	7%	1,000.00	1,000.00	2,000.00
Nome Airfield	---	---	---	---	500.00	500.00
Totals	200%	40%	241	\$ 40,500.00	\$ 42,475.00	\$ 82,975.00

Summary of Expenditures in the Third Division

In cooperation with the Alaska Road Commission
APRIL 1, 1941 to MARCH 31, 1943

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	47%	---	47%	\$ 45,525.62 (a)	12,000.00	57,525.62
Grubstake Branch	1%	---	1%	1,500.00 (b)	3,000.00	4,500.00
Willow Station Airfield	---	---	---	---	295.16	295.16
Palmer-Matanuska Roads	21	---	21	2,236.79	1,500.00	3,736.79
Wasilla-Finger Lake-Palmer Roads	33%	---	33%	1,866.26	1,500.00	3,366.26
Wasilla Airfield	---	---	---	---	286.75	286.75
Valdez-Mineral Creek	10%	---	10%	---	347.90	347.90
McCarthy-Dan Creek	20	---	20	1,588.12	2,000.00	3,588.12
McCarthy Airfield	---	---	---	---	168.40	168.40
Anchorage-Lake Spenard Roads	15%	1%	17%	1,188.24	6,872.63	7,060.87
Anchorage Loop-Palmer and Branches	61%	---	61%	22,895.10	3,530.00	26,425.10
Lake Spenard Canal	---	---	---	---	39.08	39.08
Hunger Lake Dam	---	---	---	---	161.37	161.37
Dillingham-Wood River	9%	---	9%	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	3,415.58 (c)	3,000.00	11,415.58
Kasilof Airfield	---	---	---	---	1,813.52	1,813.52
Kasilof Road	7	---	7	---	6,144.86	6,144.86
Homer Airfield	---	---	---	---	209.08	209.08
Totals	232	1%	233%	\$ 81,223.34	\$ 50,000.00*	\$131,223.34

- (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 \$35,000 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	Road	Sled Road	Total	A. R. C.	Territory	Total
Willow Mountain Roads	20	2%	31%	\$ 13,000.00	\$ 2,000.00	\$15,000.00
Wasilla-Fishhook-Palmer and Branches	47%	---	47%	7,000.00	3,000.00	10,000.00
Lucky Shot-Willow Station and Branches	27%	---	27%	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%	---	11%	2,000.00	1,000.00	3,000.00
Wasilla-Finger Lake-Palmer and Branches	33%	---	33%	3,500.00	3,500.00	7,000.00
Anchorage-Spenard and Branches	15%	---	15%	4,000.00	4,000.00	8,000.00
Anchorage Loop Roads	26%	---	26%	7,000.00	1,000.00	8,000.00
Dillingham-Wood River	9%	---	9%	4,000.00	2,000.00	6,000.00
Bull River Road	17%	---	17%	---	15,000.00	15,000.00
Homer Roads	27%	---	27%	4,000.00	4,000.00	8,000.00
McCartay Roads	26%	---	26%	7,000.00	1,000.00	8,000.00
Valdez-Mineral Creek	10%	---	10%	---	800.00	800.00
Cache Creek and Homer Airfields	---	---	---	---	800.00	800.00
Totals	204%	2%	306%	\$ 55,500.00	\$ 35,000.00	\$ 90,500.00

BIENNIAL REPORT

Summary of Expenditures in the Fourth 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
Rapids Airfield	---	---	---	\$	\$ 12.48	\$ 12.48
Branches to the Richardson Highway	16%	---	16%	---	3,750.00	3,750.00
Richardson Highway Telephone Line	---	---	---	---	325.00	325.00
Fox-Livengood and Branches	86%	---	86%	11,428.46	1,000.00	12,428.46
Fairbanks-Chatanika and Branches	61%	---	61%	12,377.87(a)	1,800.00	14,177.87
Summit-Fairbanks Creek and Branches	23%	---	23%	---	883.54	883.54
Fairbanks-Ester and Branches	30%	6	36%	1,920.14(b)	1,000.00	2,920.14
Fairbanks-Chera Hot Springs	---	64	64	---	1,003.20	1,003.20
Farmer's-Birch Hill and Branches	13%	---	13%	82.61(c)	917.80	1,000.41
Rampart-Eureka	4%	23	27%	309.72	6,000.00	6,309.72
Rampart Airfield	---	---	---	---	509.78	509.78
Circle Hot Springs Roads	32%	---	32%	4,104.00	500.00	4,604.00
Miller House-Harrison Creek and Branches	15%	---	15%	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%	---	18%	---	650.00	650.00
Nulato Airfield and Road	1	---	1	---	229.57	229.57
Eight Mile Creek Airfield	---	---	---	---	2,494.19	2,494.19
Manley Hot Springs Roads	48%	---	48%	10,340.53	4,000.00	14,340.53
Kuskokwim Landing-Takotna and Branches	25%	---	25%	58,697.13(d)	5,784.14	64,481.27
Byrd Roads	27	---	27	2,000.88	2,000.00	4,000.88
Fla. Airfield	---	---	---	---	780.83	780.83
Ophir-Takotna Roads	26%	---	26%	2,384.68(e)	2,000.00	4,384.68

TERRITORIAL HIGHWAY ENGINEER

Edlund Road	"	2.50
Palmer-Springer	"	11.50
Bogard Road	"	8.50
Wasilla Aviation Field Road	"	0.75
Anchorage-Lake Spenard	"	12.25
Chester Creek Boat Landing	"	1.00
Oil Well Road	"	8.00
Engstrom Road	"	1.75
Warner Branch	"	0.50
Kaslof Road	"	7.00
Falk Road	"	1.00
Chittina Native School Road	"	1.00
Lakeview Road	"	8.00
Nimlichik 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
Ullun Road	"	0.50
Naknek Road	"	1.00
Grubstake Road	"	1.25
Seward District	P.R.A.	97,587
Cordova District	"	10,850
Girdwood	"	7,775
Afognak Lake	"	4,584
Alcan Highway (Sierra 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	"	28.00
Anchorage Loop	"	16.75
McDonald Branch	"	1.25
Homer Roads	"	27.50
Valdez-Mineral Creek	"	10.75
Dillingham-Wood River	"	9.25
McCarthy-Dan Creek	"	30.00
Chittitu 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
Gulkana-Nabesno	"	108.00
Iliamna Bay-Iliamna Lake	"	15.50
Eklutna Road	"	10.00
Chittina Copper River	"	1.00
Talkeetna-Cueche Creek	"	23.50
Anchorage Radio Road	"	0.25
Kodiak Roads	"	7.75
Kanatak-Becharof Lake Road	"	8.75
Wasilla-Fishhook	"	18.00
Willow Creek Extension	"	16.00
Wasilla-Koik	"	19.75
Archangel Extension	"	5.50
Upper Willow Creek Branch	"	1.25
Peters Creek Road	"	17.25
Chittina-McCarthy (Railroad Maintenance)	"	(59.00 Miles)
Otis Lake Road	"	1.50
Chugach National Forest Roads	F. S.	27.70
Total Mileage for Division		1,248.448

FOURTH DIVISION

Name of Road	Agency*	Length in Miles
Richardson Democrat	Terr.	4.00
Clary Creek Roads	"	6.00
Fish Lake-American Creek	"	4.75
Pox-Oines	"	10.00
Dome-Spaulling	"	2.50
Summit-Fairbanks Creek	"	15.00
Summit-Fish Creek	"	8.25
College Spur	"	0.50
Ester Dome	"	5.25
St. Patrick-Happy-Goldstream	"	9.50
Ester-Beebler	"	3.25
Lazelle Road	"	4.00
Little Eldorado	"	6.00
Isabel Creek	"	1.75
Farmers-Birch Hill	"	8.75
Bellaine-Rickert	"	2.50
Farmers-Chena Slough	"	7.75
Cushman Street Extension	"	0.50
Crossman-Fideler	"	0.75
Miller House-Harrison and Branches	"	15.25
U. S. Creek Road	"	11.00
Wagle Creek Spur	"	1.00
Sourdough Creek Spur	"	4.75

DATE DUE

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1 SMITH REORDER #45-230



AMERICAN UNIVERSITY LIBRARY

Bunker Hill—Kougarok	25,000.00	15,000.00	40,000.00
Misc. Mine Roads and Trails	14,000.00	5,000.00	19,000.00
Candle Road		3,000.00	3,000.00
Charlie Creek Road		500.00	500.00
Coffee Creek Airfield		1,590.00	1,590.00
Nome Harbor		1,250.00	1,250.00
Salmon Lake Airfield		900.00	900.00
Savonaga Airfield		1,500.00	1,500.00
Northfork and Harris Road		1,800.00	1,800.00
Harris Creek Airstrip		450.00	450.00
Buck Creek to York		3,000.00	3,000.00
Miscellaneous		260.00	260.00
TOTALS	\$107,000.00	\$ 63,250.00	\$170,250.00

THIRD DIVISION

SUMMARY OF ALLOTMENTS BY PROJECTS

In Cooperation with the Alaska Road Commission
January 1, 1949 to December 31, 1950

Project—	A.R.C.	Territory	Total
Mountain Roads	\$ 16,000.00	\$ 9,000.00	\$ 25,000.00
Palmer Roads	43,000.00	17,000.00	60,000.00
Anchorage Loop and Branches	15,000.00	5,000.00	20,000.00
Seward Roads	10,000.00	5,000.00	15,000.00
Dillingham—Wood River	15,000.00	5,000.00	20,000.00
Bull River Road	6,000.00	4,000.00	10,000.00
Homer Roads	21,000.00	9,000.00	30,000.00
Iliamna Roads	4,000.00	3,000.00	6,000.00
McCarthy Roads	5,000.00	7,000.00	12,000.00
Mincral Creek Road	3,000.00	1,000.00	4,000.00
Campbell Creek Bridge Repair		1,000.00	1,000.00
Palmer Airport		19,000.00	19,000.00
Chestochina Road, Slate Creek		5,000.00	5,000.00
Thompson Pass		10,000.00	10,000.00
Grubstake Creek Road		500.00	500.00
Seldovia Airport Road		4,500.00	4,500.00
Mountain View Road		1,600.00	1,600.00
Nelchina Road		500.00	500.00
Utah Avenue—Woodland Park Area		5,000.00	5,000.00
Miscellaneous Roads		1,500.00	1,500.00
Homer Dock	20,400.00	48,850.00	69,250.00
Seward Boat Harbor		19,000.00	19,000.00
Cordova Dock Extension and Gridiron		15,500.00	15,500.00
Seldovia Boat Harbor		15,000.00	15,000.00
Valdez Boat Harbor		16,500.00	16,500.00
Miscellaneous Floats		5,500.00	5,500.00
TOTALS	\$158,400.00	\$232,950.00	\$391,350.00

FOURTH DIVISION

SUMMARY OF ALLOTMENTS BY PROJECTS

In Cooperation with the Alaska Road Commission
January 1, 1949 to December 31, 1950

Project—	A.R.C.	Territory	Total
Branches to Richardson H'way	\$	\$ 3,000.00	\$ 3,000.00
Fairbanks—Ester and Branches	17,000.00	6,000.00	23,000.00
Branches to Fairbanks— Chatanika Road		3,000.00	3,000.00
Farmers—Burch Hill Road		2,000.00	2,000.00
Summit—Fairbanks Creek and Branches		2,000.00	2,000.00
Circle Hot Springs and Branches	5,000.00	3,000.00	8,000.00
Miller House—Harrison Creek and Branches		1,000.00	1,000.00
Manley Hot Springs	18,300.00	16,700.00	35,000.00
Branches to Steese Highway	3,000.00	2,000.00	5,000.00
Ferry—Eva Creek	2,000.00	2,000.00	4,000.00
Rampart Road and Bridge	5,000.00	7,300.00	12,300.00
Flat Roads	8,000.00	4,000.00	12,000.00
Takotna Roads	21,000.00	14,000.00	35,000.00
Bethel Airfield and Road	7,000.00	3,000.00	10,000.00
Boundary—White River		300.00	300.00
Red Slough Bridge		4,300.00	4,300.00
Tibbs Creek Airfield		300.00	300.00
Salcha—Winter Road		4,200.00	4,200.00
South Franklin Road		750.00	750.00
Nyae Road and Bridge		1,700.00	1,700.00
Stampede Clear Water Airfield		4,500.00	4,500.00
Timber Creek Airfield		4,000.00	4,000.00
Thompson Pass		10,000.00	10,000.00
Ruby Airfield		600.00	600.00
Platinum—Good News Bay		1,000.00	1,000.00
Livengood Airfield		450.00	450.00
Chicken Airfield and Road		14,000.00	14,000.00
Alatna Airfield		500.00	500.00
Jackson Airfield		1,500.00	1,500.00
Boundary Airstrip		250.00	250.00
Totlin Airfield		5,400.00	5,400.00
Nanana Cemetery Road		500.00	500.00
Slater Street—Graehl Road		800.00	800.00
Bethel Territorial Guard Road		2,000.00	2,000.00
Fairbanks—E. M. Cox Cooperative		750.00	750.00
Utopia Airport Road		2,000.00	2,000.00
Miscellaneous Roads		3,650.00	3,650.00
TOTALS	\$ 91,800.00	\$130,450.00	\$221,750.00

EXPENDITURES ON ROADS, HARBOR AND WATER FACILITIES

NOORVIK—SELAWIK		
Trail	1,000.00	1,000.00
WILLOW CREEK		
Road maintenance	5,000.00	5,000.00
MISCELLANEOUS—SECOND DIVISION		
A.R.C. Misc. mine roads and trails.....	9,500.00	
A.R.C. Flagging misc. trails	1,500.00	
Preliminary travel and survey	317.33	11,317.73
TOTAL EXPENDITURES SECOND DIVISION		115,768.25

THIRD DIVISION

ANCHORAGE AREA		
Study of Port Facilities	2,500.00	
A.R.C. Eastchester road repairs	1,143.00	
A.R.C. Relocate Romig Hill road	11,201.85	
A.R.C. Anchorage loop and branches.....	50,000.00	
A.R.C. Spenard roads	10,000.00	
Mountain View school road	1,600.00	
Winter maintenance local roads	1,500.00	
A.R.C. Sterling Highway local roads.....	12,000.00	89,944.85
BULL RIVER ROAD		
A.R.C. Roads	8,000.00	8,000.00
CORDOVA		
City dock approach	45,575.58	
Repair Territorial road	1,000.00	
Repair Front St. (reimbursed)	874.80	47,150.38
DAYVILLE		
Repair Lowe River bridges and roads.....	7,519.61	7,519.61
DILLINGHAM—WOOD RIVER		
A.R.C. roads	20,000.00	20,000.00
HOMER AREA		
A.R.C. roads	30,000.00	
Eng. Serv. Homer Dock	265.63	30,265.63
ILJAMNA & NEWHALEN		
A.R.C. roads	6,000.00	6,000.00
KARLUK		
A.R.C. bridge repair	1,000.00	1,000.00
KODIAK		
A.R.C. local roads	6,000.00	
Construct dock	85,000.00	91,000.00

EXPENDITURES ON ROADS, HARBOR AND WATER FACILITIES

McCARTHY		
A.R.C. roads	12,000.00	
A.R.C. Airfield road	600.00	12,600.00
MAY CREEK AIRFIELD		
A.R.C. road work	600.00	600.00
MINERAL CREEK ROAD		
A.R.C. road work	3,000.00	3,000.00
PALMER DISTRICT		
A.R.C. road work	82,000.00	82,000.00
PLATINUM		
Repair mining road	2,500.00	2,500.00
SELDOVIA		
Hod Mountain road construction	18,048.75	
English Bay — Port Graham roads	6,029.73	24,078.48
SEWARD DISTRICT		
B.P.R. road maintenance	2,055.05	
Eng. Serv. small boat float	277.76	2,942.80
VALDEZ		
Repair small boat float	4,605.00	
A.R.C. construct airport access road.....	5,000.00	9,605.00
WASILLA		
A.R.C. roads	7,000.00	7,000.00
MISCELLANEOUS EXPENDITURES—THIRD DIVISION		
A.R.C. Mountain roads	20,000.00	
Preliminary travel and survey	1,186.32	
Printing traffic laws	1,058.00	22,244.32
TOTAL EXPENDITURES THIRD DIVISION		467,449.05
FOURTH DIVISION		
BETHEL		
A.R.C. roads	9,000.00	
A.R.C. road to Terr. Guard hangar.....	2,000.00	11,000.00
CHICKEN		
Road maintenance	12,957.00	12,957.00
CIRCLE HOT SPRINGS		
A.R.C. roads	15,000.00	15,000.00
FAIRBANKS AREA		
Repair South Fairbanks roads	1,875.00	
A.R.C. Bentley Island project	10,710.40	
A.R.C. Road mtnce. Gilmore Dome	507.90	
A.R.C. Harding Lake road	3,415.07	
A.R.C. International Airport road	888.51	
A.R.C. Branches to Richardson Hwy.	6,000.00	
A.R.C. Fairbanks local roads	24,000.00	
A.R.C. Slaterville road maintenance	500.00	
A.R.C. Branches to Steese Highway	8,000.00	55,694.88

EXPENDITURES ON ROADS, HARBOR AND WATER FACILITIES

MISCELLANEOUS

A.R.C. flagging trails	560.00	
A.R.C. Misc. main roads and trails	13,300.00	13,850.00

NOME AREA

A.R.C. Nome-Council and branches	47,500.00	
A.R.C. Nome local roads	37,250.00	
A.R.C. Bunker Hill-Kougarok	21,400.00	
Nome Trunk line	20,000.00	
Nome Harbor maintenance	5,000.00	141,150.00

TOTAL EXPENDITURES—SECOND DIVISION .. \$ 150,955.40

THIRD DIVISION

ANCHORAGE AND PALMER AREA

A.R.C. Anchorage local roads	\$ 87,300.00	
A.R.C. Spenard roads	19,000.00	
A.R.C. Palmer roads	66,000.00	
A.R.C. miscellaneous mountain roads	25,500.00	
C Street extension	31,640.91	
Road to Fish Lake Hutchery	2,000.00	
Eagle River Road Extension	10,000.00	
K.F.C.D. to school road	17,000.00	
Lazy Mountain Road	6,174.71	
Malanuska-Wadlitz cutoff	41.65	
Little Susitna to Huston	12,000.00	
Palmer airport access road	7,000.00	
Pittman-Big Lake winter trail	2,500.00	\$ 382,157.27

BULL RIVER AND TALKEETNA

A.R.C. roads	2,300.00	2,300.00
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CORDOVA

Road to airport	11,139.55	11,139.55
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DILLINGHAM AREA

A.R.C. Dillingham-Wood River	28,000.00	
Dillingham-Kanakanak road repair	10,000.00	
Dillingham toward Aleknagik	10,000.00	48,000.00

EGEGIK

Airport access road	750.00	750.00
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HOMER

Dock repairs	11,952.28	
A.R.C. roads	44,000.00	
Airport bypass road	15,000.00	70,952.28

EXPENDITURES ON ROADS, HARBOR AND WATER FACILITIES

ILLIAMNA AND NEWHALEN

A.R.C. roads	3,100.00	3,100.00
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ISABELLA PASS

Snow removal (also 4th Division)	15,000.00	15,000.00
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KENAI AREA

A.R.C. Sterling Highway locals	12,000.00	
Sterling Highway right-of-way	15,000.00	27,000.00

KODIAK AREA

A.R.C. roads	26,000.00	
Dock repair	1,000.00	
Karuk bridge repair	4,000.00	31,000.00

MCCARTHY

A.R.C. roads	9,000.00	9,000.00
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NAKNEK AREA

So. Naknek airfield road	5,000.00	
Naknek-King Salmon Road	5,000.00	10,000.00

SELDOVIA AREA

English Bay-Port Graham	463.94	
Red Mountain Road	2,500.00	
Seldovia-Jakolof Road	30,721.13	33,687.07

SEWARD AREA

R.F.R. local road mtnc.	3,055.75	
Alaska Freight Lines Dock Road	10,000.00	
Sanatorium Road paving (balance paid from Forest Account)	5,177.52	18,233.27

TALKEETNA

Access road to airport	1,264.00	1,264.00
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VALDEZ AREA

Dayville road repairs	2,480.39	
A.R.C. Mineral Creek roads	1,000.00	
Mineral Creek road repairs	10,000.00	14,480.39

TOTAL EXPENDITURES—THIRD DIVISION .. \$ 577,863.83

- f. Dillingham-Iliamna Bay-Homer Road
- g. Ketchikan-Haines car ferry service
- h. Skagway-Carcross-Haines Road
- i. Juneau-Taku-Alaska Highway Road
- j. Stikine River-Alaska Highway Road
- k. Unuk River-Alaska Highway Road
- l. Shana-Nabesna-Whita River Road
- m. Copper River-Katalla Road."

Consideration must also be given to the fact that the Federal Government has requested an increase in the \$250,000 annually contributed by the Territory as its share towards snow removal and road maintenance by the Alaska Road Commission on the access and auxiliary roads of the Alaskan road system. The proportion of the Territory's contribution has declined as costs and Federal appropriations have risen and as more roads are constructed which need maintenance.

ALASKA ROAD COMMISSION COOPERATIVE AGREEMENT

The cooperative program between the Territory and the Alaska Road Commission was originally developed in 1919 under the Territorial Road Law known as the "Cooperative Road Act", passed in 1919 (Chapter 11, S.L.A. 1919). This Cooperative Road Act was made necessary by the fact that Federal appropriations for roads could be expended only if matching funds were appropriated by the Territory. Under this law and subsequent amendments annual cooperative agreements have been made between the Territorial Highway Engineer and the Alaska Road Commission for authorized work of construction, repair and maintenance of roads, bridges, ferries, trails and related works throughout the Territory. This cooperation has been instrumental in obtaining favorable Congressional action on Federal appropriations.

Under the present policy of cooperation the Territory's contributed funds are applied to the local and feeder road construction and maintenance (including snow removal) projects. The Territory, for the past several years has contributed \$250,000 annually towards this Agreement. The Agreement covers the period from March 1 to February 28 of the following year, comprising the Alaska Road Commission's construction year. From March 1, 1952 to December 31, 1952 only \$100,000 had been paid of the \$250,000 due by March 31, 1953. Thus when I assumed office, this deficit was one of this office's greatest problems and not until June, 1953, was the Agreement finally paid. For the two year period covered in this biennium, this office has had to contribute a total of \$650,000 so that the Territory is now on a current basis.

The following is a review of the distribution of costs for providing maintenance for those local and feeder roads covered under the Annual Cooperative Agreement.

Year	Allocated by A.R.C.	Allocated by Territory	Total Cost
2/49-2/50	\$371,000.00	\$215,000.00	\$ 586,000.00
2/50-2/51	520,000.00	222,000.00	742,000.00
2/51-2/52	689,500.00	250,000.00	939,500.00
2/52-2/53	810,350.00	250,000.00*	1,060,350.00
2/53-2/54	902,700.00	250,000.00	1,152,700.00
2/54-2/55	902,300.00	250,000.00	1,152,300.00

* \$100,000.00 had to be paid in 1953 after the 1952-1954 Agreement was in effect.

FERRY OPERATIONS

The M/V Chilkoot is a war surplus L.C.T. type of watercraft operated as a ferry between Skagway, Port Chilkoot (Haines), and Tee Harbor, the last-named port serving the City of Juneau. This vessel was purchased by the Territory in 1951 when private operators found it economically impossible to furnish ferry service between the above-named places. During the first two seasons of ferry operation, an attempt was made to operate the M/V Chilkoot as a Territorial ferry for carrying freight, passengers and motor vehicles. So much difficulty was encountered in collecting for freight haulage, in securing proper personnel to man the Chilkoot in order to meet the U. S. Coast Guard's requirements, and in bickering over time and a half or double time due personnel according to union rules, that it was realized when I took office that some other arrangement would have to be made if the ferry operation were to continue. Since the 78 or more miles of ferry run constituted the cheapest road maintenance in the Territory, and since the ferry operation between the capital of Alaska and the other great population centers in the Third and Fourth Divisions were of the utmost convenience to the majority of Alaskan residents, it was felt that ferry service should be continued.

In the spring of 1953, I changed the operational policy of the ferry and contracted the entire service out by competitive bid. This has provided more efficient service than the Territory itself could provide, since, as pointed out above, it was almost impossible to operate a private-type business dealing with labor unions and accounts receivable under Territorial regulations. It also eliminated losses the previous administration had sustained through uncollectable accounts receivable. In this respect it would appear that the Territory is not authorized by law to go into the freight business. For this reason, as well as the fact that accounts receivable on freight haul by the previous administration, were

From Wasilla a road is being constructed by the A.R.C. north along the east side of the Susitna River Valley, roughly paralleling the Alaska Railroad. This road is tentatively planned as one of the links in a road which will ultimately connect Anchorage with the Kuskokwim Valley. It will also connect the Willow Creek Road and the Wasilla hard rock mining area to the railroad and provide a water level trucking road from this area and Willow Creek to Palmer and Anchorage. The Alaska Road Commission had funds enough to build this road from Pittman across to the north bank of the Little Susitna River. In order to construct the road to the community of Huston and the location of a prospective birch milling industry, the Territory provided funds to the Alaska Road Commission to finish the construction of this short section.

CORDOVA AREA

In the preceding biennium the Territory constructed an access road to the Cordova small land and seaplane port on Eyak Lake. Final payment on this work was made in March, 1953. The access road constructed by the Territory during the preceding biennium required a new culvert and that short section connecting the access road to the Copper River Highway needed regrading and surfacing. Also the Copper River Highway as far as the Cordova Airfield badly needed grading since constant use and lack of funds on the part of the Bureau of Public Roads had left that portion of the Highway in bad condition. The Territory through a cooperative agreement with the Bureau of Public Roads made the above mentioned repairs.

DILLINGHAM AREA

The village of Aleknagik is composed of fishermen and people engaged in market gardening, mining and other pursuits. A few miles east of Aleknagik is a very favorable cinnabar prospect. A road between Dillingham and Aleknagik and ultimately to the cinnabar prospect would allow the residents of Aleknagik to market their garden produce at Dillingham, and would allow the residents of Dillingham, (many of whom use the Aleknagik River as a small boat harbor for their fishing boats) to commute back and forth to their homes in Dillingham. Such a road would also give a chance for employment on a year-round basis to the residents of Dillingham and vicinity in the potential quicksilver mine as well as allowing transportation of mine supplies and products to and from the port of Dillingham. This road would also constitute the first link in a planned trunk line for the Bristol Bay Area which will bring Dillingham, and ultimately Naknek and Katmai National Monument, into connection with a port on Cook Inlet across from and connected by ferry with Homer on the Sterling Highway. The Alaska Road Commission has surveyed the route of the above road

from Dillingham to Aleknagik and partially cleared the right-of-way thereon. The Alaska Road Commission, however, is forbidden by Congress to undertake new road projects. The Office of the Territorial Highway Engineer, under a cooperative agreement with the Alaska Road Commission, has contributed toward the construction on the aforesaid road, using local labor.

In case of sickness at Dillingham, all patient transportation and doctor services are dependent on a 5-mile road between Dillingham and the hospital at Kanakanak. This road had deteriorated so badly, with the bridge in a dangerous condition, as to be almost impassable. The Territory, through the Highway Engineer, matched funds with the Alaska Road Commission to re-surface this road and repair the bridge with local labor.

EGEGIK

There was no access road to its airport from the native village of Egegik. This office in cooperation with the Territorial Department of Aviation constructed this access road.

HOMER AREA

East of the Homer airport along Coal Bay is an area which is rapidly being built up in homesites. The only access heretofore to these homesites has been across and along the airport. The Territorial Highway Engineer through a cooperative agreement with the Alaska Road Commission has built a road south of the airport to give access to the homesites in this area.

KENAI AREA

The Sterling Highway after leaving the Anchorage-Seward Highway crosses to the south bank of Kenai River on a very fine concrete bridge. The highway then runs along the south side or left limit of the Kenai River over an unimproved road to again cross the river at Schooner Bend at about Mile 16½ over an old and narrow bridge back to the north side or right limit of the river and thence on to the towns of Kenai and Homer. This portion of the Sterling Highway is within the Chugach National Forest, all road work being done therein by the Bureau of Public Roads. The Bureau informed the Office of the Territorial Highway Engineer that approximately \$900,000 had been allocated to build a new concrete bridge at Schooner Bend and to rebuild the road on the south side of Kenai River as well as a short section of road on the north side of the river below Schooner Bend to connect on to the finished portion of the Sterling Highway. This office was also informed that no part of this money could be used for right-of-way purchases, and if the right-of-way for the aforesaid section of road and the Schooner Bend Bridge were not obtained by the Territory by grant or purchase from owners of the land over which

banks and Nenana followed an old logging route over and along the right-of-way of the Alaska Railroad. The management of the Alaska Railroad objected to this use of the Railroad's right-of-way as endangering its telephone line. The Territorial Highway Engineer allocated funds in 1954 to the Alaska Road Commission to change this section of tote road so as to follow the survey line of the permanent Fairbanks-Nenana Road when built. It is hoped that Congress will appropriate money for the construction of this road in order to help the economy of Nenana badly crippled since the war by the curtailment of river boat transportation caused by stopping of Government construction and the low ebb in mining.

NULATO

The bridge across the Nulato River on the road from the Nulato Airfield to the Village of Nulato had been partially destroyed by spring breakup ice. The only access from the airfield to the village was by planks laid across some stringers remaining from the old bridge. This necessitated backpacking all mail and perishable supplies almost 2 miles from the airfield. The Territorial Highway Engineer reconstructed the Nulato River Bridge with local labor.

RUBY-POORMAN

The road from Ruby to Poorman was built by the Alaska Road Commission before the last World War. Since about 1942 little if any maintenance work has been done on this road, the section from Long Creek to the Village of Poorman having become practically irreparable. Mining is reviving in the Ruby-Long Creek area due to a gradual accumulation of capital allowing the miners to buy new machinery to replace that confiscated during the Second World War. The Territory contributed funds to the Alaska Road Commission towards the restoration of the Ruby-Long Creek section of the Ruby-Poorman Road.

RAMPART

The Territory through the Office of the Highway Engineer repaired with local labor the short stretch of road from Rampart on the Yukon River to the bridge over Minook Creek.

TANACROSS

The Village of Tanacross with its school and church, is situated on the north bank of the Tanana River and is cut off by the river from access to the Alaska Highway, except in winter when supplies may be hauled in by tractor. Warm springs make the use of tractors extremely dangerous in crossing the Tanana River opposite the village. The Territorial Highway Engineer through a cooperative agreement with the Alaska Road Commission, built a winter tractor road around and upstream from the aforesaid warm springs to the village.

IMMEDIATE LARGER ROAD PROBLEMS FOR CONSIDERATION IN THE 1955-1956 BIENNIUM

(Changing conditions and developments may alter or add to this list materially. Small road projects are not listed). If conditions and finances permit, this office will consider the following road problems:—

IN THE FIRST DIVISION

1. Construction of the Yakutat-Situck Road
2. Contributing to the Alaska Road Commission for the Skagway-Carcross Road
3. Making a preliminary air survey of a Skagway-Haines Road
4. Making a study and a survey of a bridge and road to the south or right limit side of the Chilkat Valley from the Haines Highway
5. Construction of a road from Kake to Portage (H.M. 19 SLA 1953) in cooperation with the Forest Service.
6. In cooperation with the City of Ketchikan, the building of the Schoenbar Road (Heintzleman Highway, H.C.R. 1 SLA 1953)
7. If Territorial forest road funds are released, contributing to the construction of the Taku Highway
8. Undertaking many smaller road projects not listed

IN THE SECOND DIVISION

1. Contributing to the Alaska Road Commission for continuing the Nome-Fairbanks trunk road up Nome River to Bunker Hill
2. Surveying the Nome-Fairbanks trunk line road from the end of present construction to Bunker Hill
3. Surveying the Nome-Teller Highway (Sunset-Goldrun Road)
4. Surveying the Lost River-Teller Road
5. Undertaking several smaller road projects not listed

IN THE THIRD DIVISION

1. Continuing construction of the one-lane, low-standard truck road from Seldovia to Jakobof Bay with the hope that the Alaska Road Commission will be permitted to reconstruct this road to a standard highway
2. Finishing grading "C" Street Extension Road in the Spenard Area
3. Contributing to the Alaska Road Commission for the continuation of the construction of the Dillingham-Iliamna Highway towards Aleknagik (H.M. 24 SLA 1953)