

ANNUAL REPORT OF THE CHIEF OF ENGINEERS, 1930

EXTRACT

REPORT UPON THE CONSTRUCTION AND
MAINTENANCE OF ROADS, BRIDGES,
AND TRAILS, ALASKA

BOARD OF ROAD COMMISSIONERS
FOR ALASKA



UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON: 1930

18A	Arctic Circle, 34 miles from Kiwalik	Wood furnished	30.00
18A	Riley Wreck, 54 miles from Kiwalik	Wood furnished	30.00
26C	Kiwalik, 18 miles from Candle	Wood and new safety	25.00
41A	Riley Channel, 23½ miles from Kotzebue	Wood furnished	60.00
41B	Okolikshook, 59 miles from Kotzebue	Wood furnished	15.00
41B	Corwin Coal Mine, 230 miles from Kotzebue	Wood furnished	15.00
41B	Tulukuk, 261 miles from Kotzebue	Wood furnished	15.00
41B	Pingarorik, 403 miles from Kotzebue	Wood furnished	15.00
42	Kotlik, 63 miles from St. Michael	Combination cabin and dog barn built	841.78
62A	Peace River, 13 miles from Haycock	Additional bills	67.20
67	Tissue River, 50 miles from Nome	Wood furnished	20.00
67	Douglas, 60 miles from Nome	Wood furnished	20.00
67A	Lost River, 23 miles from Teller	Repairs	84.85
67A	Tin City, 55 miles from Teller	Combination cabin and dog barn built	818.79
67C	Agiapuk, 21 miles from Teller	Wood furnished	20.00
73A	Herndon Portage, 123 miles from Kotlik	Repairs	68.00
	Noatak on the Noatak River midway between Kotzebue and the village of Noatak	Combination cabin and dog barn built	669.55
	Total		\$2,894.12

STATEMENT OF RECEIPTS AND DISBURSEMENTS.

This report covers vouchers received and placed in the account including June 30, 1930.

RECEIPTS.

Balance on hand July 1, 1929	\$ 120,125.50
Received since from:	
Transfers from Officers	1,134,289.61
War Warrants	198,041.53
Sales, Refunds, etc.	3,458.45
Reimbursements	2,607.60
Contributions	188,449.87
TOTAL	\$1,646,972.56

DISBURSEMENTS.

Disbursed as per tabulated statement below	\$1,263,198.87*
Deposited to credit of Treasurer, United States, balance on hand at close of fiscal year 1929	120,125.50
Deposit of collections	194,515.92
Balance on hand June 30, 1930 in Army Account of Advances	69,132.27

TOTAL\$1,646,972.56

*—Does not include \$727.73 charged against available appropriations by direct U. S. Treasury Settlements. Reimbursements and other adjustments totaling \$7,576.95 not included in tabulated statement.

EXPENDITURES IN DETAIL.

Federal Appropriations, Alaska Fund and Funds Contributed by the Territory of Alaska and Others.

Acct. No.	Name of Sub-Project	Construction	Maintenance and Improvement	Total
2E	Gastineau Channel Bar	\$	\$ 361.00	\$ 361.00
3A	Haines-Wells		5,153.23	5,153.23
3B	Pleasant Camp Extension		2,211.94	2,211.94
3C	Porcupine Extension		100.00	100.00
3D	Haines-Mud Bay		523.00	523.00
3E	Haines-Chilkoot	10,398.82		10,398.82
4BA	Valdez-Ptarmigan Drop, 1st Sec.		13,055.85	13,055.85
	Valdez-Ptarmigan Drop, 2nd Sec.		12,204.75	12,204.75
	Valdez-Ptarmigan Drop, 3rd Sec.		11,739.65	11,739.65
	Valdez-Ptarmigan Drop, 4th ec.		12,333.42	12,333.42
4BB	Ptarmigan Drop-Ernestine, 1st Sec.		13,250.06	13,250.06
	Ptarmigan Drop-Ernestine, 2nd Sec.		11,451.00	11,451.00
4C	Ernestine-Willow Creek		7,486.88	7,486.88
4D	Willow Creek-Gulkana, 1st Sec.		14,215.30	14,215.30
	Willow Creek-Gulkana, 2nd Sec.		12,615.56	12,615.56
4E	Gulkana-Sourdough, 1st Sec.		1,222.54	1,222.54
	Gulkana-Sourdough, 2nd Sec.		1,083.64	1,083.64
4F	Sourdough-Mile 163, 1st Sec.		4,951.68	4,951.68
	Sourdough-Mile 163, 2nd Sec.		4,562.14	4,562.14
4G	Mile 168-Delta River, 1st Sec.		19,434.60	19,434.60
	Mile 168-Delta River, 2nd Sec.		19,221.00	19,221.00
	Mile 168-Delta River, 3rd Sec.		18,350.25	18,350.25
	Mile 168-Delta River, 4th Sec.		17,571.80	17,571.80
4H1	Delta River-Rapids, 1st Sec.		14,529.38	14,529.38
	Delta River-Rapids, 2nd Sec.		14,057.44	14,057.44
	Delta River-Rapids, 3rd Sec.		13,767.26	13,767.26
	Delta River-Rapids, 4th Sec.		14,118.02	14,118.02
4H2	Rapids-Grundler		16,124.09	16,124.09
4I	Grundler-Richardson, 1st Sec.		402.21	402.21
	Grundler-Richardson, 2nd Sec.		424.32	424.32
4J	Richardson-Salchaket		1,209.79	1,209.79
4JA	Lake Harding Road		522.72	522.72
4K	Salchaket-Fairbanks		15,839.73	15,839.73
4KA	Salcha Bridge		720.67	720.67
5A	Dunbar-Tanana		694.26	694.26
5E	Tanana Aviation Field	1,498.34		1,498.34
5F	Illinois Creek-Moran Creek	155.64		155.64
6A	Willow Creek-Tonsina		4,520.56	4,520.56
6B	Tonsina-Chitina, 1st Sec.		5,232.43	5,232.43
	Tonsina-Chitina, 2nd Sec.		7,237.21	7,237.21
6D	Chitina Depot	500.00	662.47	1,162.47
6E	Chitina-Native School		54.60	54.60

Acct. No.	Name of Sub-Project	Construction	Maintenance and Improvement	Total
6F	Lower Tonsina Aviation Field	575.42		575.42
6G	Copper Center Aviation Field	40.09		40.09
7A	Summit-Chatanika		1,633.59	1,633.59
7AA	Cleary Creek		449.99	449.99
7B	Fox-Olmes		867.86	867.86
7BA	Dome-Spaulling Mine		322.14	322.14
7C	Summit-Fairbanks Creek		2,387.99	2,387.99
7CA	Summit-Fish Creek		1,872.27	1,872.27
7D	Ester Creek		1,108.39	1,108.39
7DA	College Spur		29.45	29.45
7DC	St. Patricks-Happy		165.28	165.28
7G	Fairbanks-Gilmore, 1st Sec.		13,427.32	13,427.32
	Fairbanks-Gilmore, 2nd Sec.		9,617.34	9,617.34
7H	Little Eldorado Creek		576.27	576.27
7I	Gilmore-Summit		1,862.17	1,862.17
7J	Fairbanks-Chena Hot Springs		445.86	445.86
7JA	Chena River Branch		339.09	339.09
7N	Farmers-Birch Hill		955.97	955.97
7NA	Isabelle Creek		85.67	85.67
7S	Græhl Bridge		1,309.28	1,309.28
7T	Farmers-Chena Slough		349.47	349.47
7Y	Fairbanks Aviation Field	5,710.00	200.00	5,910.00
7Z	Fairbanks Aviation Field Road	766.66		766.66
8	Nome-Council		18,600.86	18,600.86
8D	Council-Ophir Creek		1,176.92	1,176.92
8H	Casa de Paga		5,138.99	5,138.99
8L	Port Safety Aids		120.00	120.00
9	Rampart-Eureka		291.88	291.88
10B	Seward-Nash		460.00	460.00
10C	Lowell Creek Flood Control	1,024.62	2,458.19	3,482.81
10D	Seward Aviation Field	6,000.00		6,000.00
11A	Eagle-Liberty		2,640.47	2,640.47
11AA	American Summit-Liberty		342.51	342.51
11C	Steel Creek-Jack Wade		100.00	100.00
11CC	Steel Creek-Jack Wade (Summer)		109.00	109.00
11E	Eagle-Seventy Mile		1,072.85	1,072.85
11F	Jack Wade-Chicken		273.38	273.38
11H	Liberty Cabin-Dome		572.67	572.67
11I	Dome-Steel Creek		205.20	205.20
11J	Forty Mile-Franklin		44.75	44.75
11L	Franklin-Chicken Creek		34.50	34.50
11P	Chicken Aviation Field	750.00		750.00
11Q	Eagle Aviation Field	800.00		800.00
13A	Nome-Bessie		7,017.17	7,017.17
13B	Bessie-Snake River		3,202.55	3,202.55
13C	Bessie-Little Creek		150.62	150.62
13F	Nome-Osborne		3,670.81	3,670.81
13K	Bessie-Buster		2,877.69	2,877.69
13M	Nome Depot		3,072.99	3,072.99
14	Sitka-Indian River		425.39	425.39
14A	Sitka National Monument		647.06	647.06
14B	Sitka Military Cemetery	800.00	699.80	1,499.80
14C	Sitka-Pioneer Cemetery Road		129.31	129.31
14D	National Cemetery Road		106.02	106.02
15	Circle-Miller House, 1st Sec.	4,237.00	5,024.27	9,261.27
	Circle-Miller House, 2nd Sec.	4,743.40	4,073.00	8,816.40
	Circle-Miller House, 3rd Sec.	3,474.25	4,134.33	7,608.58
	Circle-Miller House, 4th Sec.	5,223.47	3,729.34	8,952.81
	Circle-Miller House, 5th Sec.	4,649.99	5,209.06	9,859.05
	Circle-Miller House, 6th Sec.	4,962.21	5,362.37	10,324.58
	Circle-Miller House, 7th Sec.	5,421.45	5,089.43	10,510.88
	Circle-Miller House, 8th Sec.	5,687.13	4,916.56	10,603.69
	Circle-Miller House, 9th Sec.	4,929.21	5,131.64	10,060.85
15A	Central House-Circle Hot Springs	12,112.98	3,500.00	15,612.98
15E	Miller House Spur		43.70	43.70
16	Chatanika-Miller House, 1st Sec.		10,084.80	10,084.80
	Chatanika-Miller House, 2nd Sec.		8,896.37	8,896.37
	Chatanika-Miller House, 3rd Sec.	5,320.00	10,022.70	15,342.70

Acct. No.	Name of Sub-Project	Construction	Maintenance and Improvement	Total
	Chatanika-Miller House, 4th Sec.		9,490.58	9,490.58
16A	U. S. Creek Branch	10,140.46		10,140.46
16B	Eagle Creek Spur		169.32	169.32
16C	Chatanika-Miller House (Winter)		15.00	15.00
17	Tanana-Kaltag		515.72	515.72
17C	Nulato Aviation Field	1,499.91		1,499.91
17D	Tanana-Kaltag Telephone Line		1,638.68	1,638.68
18	Kaltag-Nome		2,740.33	2,740.33
18A	Bonanza-Kotzebue		1,907.09	1,907.09
18B	Golovin-Council		159.00	159.00
18D	Unalakleet Aviation Field	795.17		795.17
18E	Solomon Aviation Field		30.20	30.20
18F	Golovin Aviation Field	948.10		948.10
18G	Moses Aviation Field		22.20	22.20
18H	Kaltag-Unalakleet Telephone Line		400.35	400.35
20DA	Takotna-Ophir		46.02	46.02
21	Unalakleet-St. Michael		1,539.76	1,539.76
22	Hot Springs-Sullivan Creek		1,017.50	1,017.50
23B	Beaver-Caro		791.71	791.71
23D	Caro-Flat Creek		746.70	746.70
25D	Mouth of Center Creek	1,470.00	5,890.43	7,360.43
25E	Submarine Paystreak		389.74	389.74
25L	Nome Aviation Field		1,197.37	1,197.37
25M	Telephone Lines, Seward Peninsula		2,493.61	2,493.61
25P	Nome Harbor Lights		192.13	192.13
26	Candle-Candle Creek		3,624.99	3,624.99
26B	Bear Creek Trail		13.09	13.09
26D	Kiwalik Aviation Field		136.50	136.50
26E	Candle Aviation Field	1,005.00		1,005.00
26F	Telephone Line Reconnaissance		148.00	148.00
27	Deering-Inmachuk		4,623.63	4,623.63
27A	Deering Aviation Field	576.50		576.50
28	Shelton-Candle		35.00	35.00
28A	Nome-Serpentine Hot Springs	2,110.00	1,303.43	3,413.43
29	Tanana-Bettles		343.49	343.49
29A	Bettles-Coldfoot		2,826.00	2,826.00
30	Hot Springs Landing-Eureka		1,618.41	1,618.41
30A	Hot Springs-Tofty		33.00	33.00
30B	Manley Hot Springs Aviation Field	850.00		850.00
31	Caribou Creek		500.00	500.00
32A	Takotna-Flat (Summer)		96.80	96.80
32B	Iditarod-Flat, 1st Sec.	4,120.00	7,423.60	11,543.60
	Iditarod-Flat, 2nd Sec.	2,220.00	10,156.20	12,376.20
32C	Ophir-Iditarod		143.82	143.82
32D	Flat-Crooked Creek		496.80	496.80
32E	Takotna Aviation Field		299.93	299.93
32F	Takotna Depot	2,000.00	1,127.84	3,127.84
33C	Flat City-Flat Creek		121.20	121.20
33D	Head Flat Creek-Willow Creek		664.08	664.08
33E	Willow Creek-Chicken Creek	1,500.00	1,462.50	2,962.50
33F	Flat City-Otter Discovery		246.75	246.75
33H	Flat Aviation Field	500.00		500.00
34A	Flat-Holy Cross-Anvik		193.90	193.90
35A	Archangle Extension		501.89	501.89
35AA	Sherry Branch		246.06	246.06
35B	Palmer-Fishhook		116.52	116.52
35C	Palmer-Matanuska River		10.00	10.00
35D	Willow Creek Extension		3,760.03	3,760.03
35DA	Gold Chord Branch	10,591.24		10,591.24
35E	Wasilla-Fishhook		7,265.25	7,265.25
35F	Wasilla-Knik		310.63	310.63
35G	Palmer-Springer		10.00	10.00
35H	Wasilla-Finger Lake-Palmer		49.96	49.96
35I	Moose-Palmer		18.95	18.95
35J	Wasilla-Matanuska		475.01	475.01
35K	Matanuska Trunk Road		909.78	909.78
35L	Palmer-Matanuska		1,799.64	1,799.64

Acct. No.	Name of Sub-Project	Construction	Maintenance and Improvement	Total
350	Fishhook-Goldmint	2,300.00	2,280.49	4,580.49
35T	Werner Connection		1,914.60	1,914.60
36	Mineral Creek		1,814.34	1,814.34
36CA	Cordova Aviation Field		15.75	15.75
37B	Bluff Aviation Field	80.00		80.00
38A	Ruby-Long Creek		7,531.18	7,531.18
38C	Ophir-Cripple		73.98	73.98
38D	Ophir-Takotna (Summer)		6,948.89	6,948.89
38DA	Little Creek Road		75.00	75.00
38E	Long-Poorman, 1st Sec.	5,201.25	5,410.00	10,611.25
	Long-Poorman, 2nd Sec.	11,410.24	2,092.00	13,502.24
38F	Poorman-Ophir (Summer)		941.80	941.80
38H	Ganes Creek Road		1,136.30	1,136.30
38K	Ruby Aviation Field		291.88	291.88
38M	Ophir Aviation Field	1,010.12		1,010.12
40	Douglas-Gastineau Channel		601.20	601.20
41	Kiana-Klery Creek		48.46	48.46
41A	Kotzebue-Shungnak		479.38	479.38
41D	Kotzebue Aviation Field		427.50	427.50
41E	Kobuk Aviation Field	1,000.00		1,000.00
44A	Skagway Trails		230.00	230.00
44B	Skagway Aviation Field	3,600.00		3,600.00
46	Kobi-Eureka		155.28	155.28
46C	Nenana-Knight's Roadhouse		243.51	243.51
46D	McKinley Park Road, 1st Sec.	13,627.20	4,230.00	17,857.20
	McKinley Park Road, 2nd Sec.	15,090.00	3,147.00	18,237.00
	McKinley Park Road, 3rd Sec.	15,324.55	2,450.20	17,774.75
	McKinley Park Road, 4th Sec.	15,424.30	17,669.90	33,094.20
	McKinley Park Road, 5th Sec.	17,933.00		17,933.00
	McKinley Park Road, 6th Sec.	18,108.15		18,108.15
	McKinley Park Road, 7th Sec.	17,946.20		17,946.20
	McKinley Park Road, 8th Sec.	17,823.00		17,823.00
	McKinley Park Road, 9th Sec.	17,472.11		17,472.11
46E	Diamond-Telida		301.22	301.22
46F	Nenana Cemetery Road		316.24	316.24
46M	Nenana Aviation Field		60.56	60.56
47	Coldfoot-Wiseman		2,170.27	2,170.27
47A	Wiseman Aviation Field		705.15	705.15
47B	Nolan Branch		1,248.08	1,248.08
47C	Wiseman-Hammond		619.30	619.30
48	Iliamna Bay-Iliamna Lake	15,331.30		15,331.30
51	Talkeetna-Cache Creek		7,256.08	7,256.08
51B	Peters Creek Trail		108.96	108.96
51E	Mills Creek-Cache Creek		108.92	108.92
53A	Circle-Ft. Yukon		568.80	568.80
53B	Ft. Yukon Aviation Field	750.00	240.00	990.00
54	Chisana-Nizina		394.63	394.63
54A	Chisana Aviation Field	1,494.63		1,494.63
54B	Nabesna Aviation Field	1,476.58		1,476.58
57	McCarthy-Dan Creek	2,000.00	8,622.77	10,622.77
57A	Nizina River Bridge		7,766.81	7,766.81
57B	Nizina-Chitina River		58.50	58.50
57C	McCarthy-Kennecott River		20.40	20.40
57D	Chititu Branch	500.00	959.03	1,459.03
57F	McCarthy Aviation Field		142.12	142.12
59	Fairbanks Bridge		663.80	663.80
59A	Fairbanks Depot		1,335.37	1,335.37
60	Valdez Dyke		5,661.20	5,661.20
60E	Upper Tonsina Aviation Field	1,699.97		1,699.97
61E	Farnan Trail		15.80	15.80
61F	Bremner Trail	2,332.06		2,332.06
62	Dime Creek		890.92	890.92
62A	Haycock-Bear Creek		301.82	301.82
62B	Haycock Aviation Field	105.00		105.00
62C	Koyuk Aviation Field	27.08		27.08
63	Dunbar-Brooks		460.61	460.61
63B	Brooks-Livengood Creek		287.69	287.69
63C	Brooks Tram		8,688.07	8,688.07
64A	Cripple-Cripple Mountain		106.65	106.65
65A	Gulkana-Chistochina, 1st Sec.	12,473.25	6,230.20	18,703.45
	Gulkana-Chistochina, 2nd Sec.	13,821.00	5,345.00	19,166.00
	Gulkana-Chistochina, 3rd Sec.	13,460.00	5,231.00	18,691.00
	Gulkana-Chistochina, 4th Sec.	15,374.20	3,286.92	18,661.12

Acct. No.	Name of Sub-Project	Construction	Maintenance and Improvement	Total
65C	Gulkana-Chistochina, 5th Sec.	18,134.00		18,134.00
	Gulkana-Chistochina, 6th Sec.	13,877.55		13,877.55
	Chistochina-Tanana Crossing, 1st Sec.			
	Chistochina-Tanana Crossing, 2nd Sec.	19,674.80		19,674.80
65F	Grundler-Tanana Crossing	19,684.22		19,684.22
65G	Slana-Chisana		760.68	760.68
65H	Tanana Crossing Aviation Field		980.12	980.12
67	Nome-Teller	300.00		300.00
67A	Teller-Cape Prince of Wales		1,145.08	1,145.08
67B	Teller-Bluestone		368.26	368.26
67C	Teller-Pilgrim Hot Springs	800.00		800.00
67E	Teller Aviation Field		971.95	971.95
67F	Tin City-Goodwin		41.00	41.00
67G	Lost River Aviation Field	230.00		230.00
67H	Wales Aviation Field	422.73		422.73
68	Flagging Trails	121.40		121.40
73	Marshall Road			
73A	Kotlik-Marshall		3,222.39	3,222.39
73C	Old Hamilton-Scammon Bay		1,963.65	1,963.65
75	Anchorage Loop		13.10	13.10
75A	Anchorage-Lake Spenard		32.73	32.73
75C	Chester Creek Boat Landing		1,962.41	1,962.41
75D	Anchorage Depot		1,422.18	1,422.18
75E	McDonald Road		128.83	128.83
75I	Oilwell Road		213.16	213.16
75J	Anchorage Aviation Field		51.85	51.85
76A	Valdez Creek Aviation Field	3,604.84		3,604.84
78	Valdez Depot	602.60		602.60
79	Seward Depot		22.38	22.38
80A	McGrath-Takotna (Summer)		81.62	81.62
80A.A	McGrath-Takotna (Winter)		30.82	30.82
80B	McGrath-Telida		134.70	134.70
80C	McGrath-Candle Creek		271.26	271.26
80F	Medfra-Nixon Mine		30.82	30.82
80H	McGrath Aviation Field	4,099.95	1,471.60	5,571.55
81	Good Creek-Salmon River	2,800.00		2,800.00
88	Ferry-Eva Creek		816.21	816.21
89A	Seward Peninsula Railroad		385.79	385.79
89B	Pilgrim Aviation Field		12,275.15	12,275.15
89C	Iron Creek-American Creek	716.00		716.00
90B	Shelter Cabins, 2nd Division	504.78		504.78
90C	Shelter Cabins, 3rd Division	2,330.12	564.00	2,894.12
90D	Shelter Cabins, 4th Division	1,643.59	325.00	1,968.59
92B	Bethel-Tuluksak	2,610.87	733.25	3,344.12
92E	Yukon-Kuskokwim Portage		259.32	259.32
92F	Quinhagak-Good News Bay	14,310.34		14,310.34
92H	Togiak-Nushagak		12.00	12.00
92I	Lewis Point-Naknek		1,163.85	1,163.85
92L	Crooked Creek-Aniak		61.56	61.56
92M	Aniak-Tuluksak		70.00	70.00
92P	Holy Cross-Kaltshak		240.05	240.05
92Q	Upper Landing-Bear Creek		130.05	130.05
93	Chulitna Trail		59.18	59.18
93A	Bull River Trail		124.72	124.72
93B	Indian River		491.86	491.86
93C	Curry Aviation Field		4.87	4.87
93D	Chulitna Tram		124.41	124.41
94	Kodiak-Abberts	238.85		238.85
95	Kanatak-Bearcharof Lake		2,493.21	2,493.21
96	Chickaloon-King River		1,787.69	1,787.69
96A	Chickaloon Cable		134.15	134.15
96B	Chickaloon-Nelchina		8.73	8.73
98	Homer Spit	2,279.68		2,279.68
98D	Kasilof Road		349.55	349.55
100	Juneau Office and General Overhead	7,072.22		7,072.22
	TOTALS	\$515,093.39	\$741,256.26	*\$1,256,349.65

*Includes \$727.73 General Accounting Office Settlements. Does not include \$7,576.95 miscellaneous refunds, reimbursements and sales.