UNITED STATES DEPARTMENT OF THE INTERIOR

ANNUAL REPORT

State State State State

OF

ALASKA ROAD COMMISSION

FOR

YEAR ENDING JUNE 30, 1934

THE ALASKA ROAD COMMISSION STATES

The Alaska Road Commission was created by act of Congress approved Jan. 7, 1905 as a bureau of the War Department. By act of Congress approved June 30, 1932 the activity was transferred to the Department of the Interior. Under orders issued by the Secretary of the Interior, administration of the activity was assigned to the Governor of Alaska in his capacity as ex-officio commissioner for Alaska, with a chief engineer in direct charge of the work under the direction of the Governor.

The Alaska Road Commission is charged with the construction and maintenance of roads, bridges and trails in Alaska. Construction and maintenance of airfields, telephone lines and shelter cabins is also undertaken for the Territory.

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Funds are made available for the work by annual Congressional appropriations, from the "Alaska Fund", and from contributions by the Territory of Alaska and others. During the past year in addition to the above usual sources of funds, \$1,746,000 was allocated by the Public Works Administration under the National Industrial Recovery Act for new road and airfield projects. and a second second

The total costs to the end of the fiscal year are \$19,978,181.65, of which \$10,349,284.16 was for new work and \$9,628,897.49 was for maintenance and improvement. The sector as so is not include the

The total expended to June 30, 1934 was \$20,440,743.04. Of this amount \$14,529,306.93 was appropriated by acts of Congress, \$4,088,432.87 was allotted from the Alaska fund, and \$1,823,003.24 from Territorial appropriations and contributions.

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The work accomplished during the fiscal year may be summarized as follows: and the second of the second second

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New construction: $136\frac{1}{4}$ miles of road, 35 miles of trail, 820 linear feet of bridges over 60-foot span, 4,703 linear feet of trestle span bridge and 3 airplane landing fields.

 สังหั้น แสดงสามปี หลัง () มีชาติการสุธราช แสกรุ่งสามาพระ Improvement: 35 miles of road reconstructed, 70.83 miles of road surfaced, 450 metal culverts replaced and 11 airfields enlarged and improved. n 1997 herten Balander (der Seine Stadion aussehlten Bereich 1997) I Marstellungen ihreren ausschlichen er die Stadio stadion

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Maintenance: 1,543 miles of road, 74 miles of tramway, 573 miles of sled road, 4,759 miles of permanent trail and 273 miles of temporary flagged trail.

The cost during the year was \$1,269,497.76, of which \$805,643.11 was for new work and \$463,854.66 was for maintenance and improvement. Total expenditures during the fiscal year were \$1,432,881.48.

The more important roads upon which new construction was performed were the McCarthy-Nizina, Mount McKinley National Park, Gulkana-Nabesna, Olnes-Livengood, Dillingham-Snag Point, Nome-Sunset Creek, Iliamna, Lucky Shot Mine-Willow Station, Anchorage-Matanuska, Kodiak-Mill Bay, Cantwell-Valdez Creek, Medfra-Nixon Mine, Flat-Slate Creek, and Seward Peninsula Tramroad extension. New airfields were constructed at Cordova, Nome and Bremner.

The Richardson Highway was maintained open during the entire season. Improvement to new standard was continued and this road is now in excellent condition for auto traffic.

Surfacing the Steese Highway was continued. As a result of the improvement traffic over this route continued to increase. Work was continued on the major project of constructing a road from Gulkana, on the Richardson Highway, to Nabesna, through the mineralized belt north of the Wrangell Mountains. The work was started early in 1933 and, except for destructive floods in a few localities, weather conditions were favorable and the work progressed satisfactorily.

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The work of maintenance and rehabilitation has been pushed, and the roads and trails under the jurisdiction of the commission are in better shape than ever before. The total mileage of roads and trails constructed and maintained by the commission since its inception aggregate $11,484\frac{3}{4}$ miles, consisting of 1,798 miles of wagon road, 74 miles of tramway, $1,576\frac{1}{2}$ miles of sled road, $7,324\frac{1}{4}$ miles of permanent trail, and 712 miles of temporary flagged trail.

The road and trails constructed by the commission have not only opened up to development nearly all sections of the Territory but have effected large savings in freight charges. The major portion of this freight would not have been transported without the roads, and the indirect loss which would have been occasioned by the restriction on output and development, if the roads did not exist, can not be estimated.

Under a cooperative agreement with the National Park Service, the Alaska Road Commission has undertaken the construction and maintenance of roads and trails in Mt. McKinley National Park and the maintenance of Sitka National Monument with funds allotted by the Park Service. At the close of the fiscal year 66 miles of road were suitable for traffic and 21 miles were under construction in Mr. McKinley Park. The route selected is one of great scenic grandeur. The Sitka National Monument has been placed in excellent condition and maintained. 3.11 .ent.

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insula ome and Money for the prosecution of this work was provided from six sources as follows:

(1) Appropriation by the Federal Government to the Department of the Interior for expenditure in conformity with act of Congress approved January 27, 1905, and amendments thereto.

(2) From a portion of the Alaska Fund, a fund covered into the Federal Treasury but derived entirely from special taxes imposed by the Federal Government upon various industries in the Territory.

(3) Funds appropriated by the Territorial Legislature and turned over to the Treasurer of the United States for expenditure on construction, repair and maintenance of roads, bridges, ferries, trails and related works in the Territory as provided by act of Congress approved June 30, 1921. These funds are expended upon projects designated by the Territorial Board of Road Commissioners.

(4) Money allotted by the National Park Service and expended under its direction entirely within the boundaries of national parks and monuments.

(5) Contributions by individuals, companies, corporations, et cetera.

(6) Funds allotted by the Public Works Administration as provided in the National Industrial Recovery Act.

Any balances remaining over at the end of a fiscal year from regular sources of revenue, Items 2 to 5 inclusive, are available for the succeeding fiscal year. Unused balances from the Public Works allotment are available until July 1, 1935.

Under the act approved March 2, 1934, \$452,000 was appropriated as Item 1 for the current year, or fiscal year 1935. Under the Public Works Administration a total of \$1,746,000 has been allocated including \$150,000 to be expended under the direction of the National Park Service.

SUMMARY OF ALL EXPENDITURES TO JUNE 30, 1934.

The Commission has expended the following funds since the beginning of road and trail development in the Territory:

| | Congressional | Alaska fund | Other funds | Total |
|-------------|----------------|-----------------------|-------------|----------------|
| Fiscal year | appropriations | Alaska lunu | Omer Tunds | Total |
| 1905 | \$ | .\$28,000.00 | \$ | \$28,000.00(1) |
| 1906 | 118,172.09 | 57,420.77 | ¥ | 175,592,86(1) |
| 1907 | 197,930,91 | 148,814.79 | | 346,745,70(2) |
| 1908 | 244,857.18 | 120,772,72 | | 365,629,90(2) |
| 1909 | 236,674.97 | 146,971,92 | | 383,646,89(2) |
| 1910 | 237,498,50 | 102,898,29 | | 340,396,79(2) |
| 1911 | 100,000.00 | 166,777,95 | | 266,777.95 |
| 1912 | 150,103.58 | 167,302.49 | | 317,406.07 |
| 1912 | | 17,052,23(3) | | 17,052,23 |
| 1913 | 125,010.91 | 228,117.56 | | 353,128,47 |
| 1914 | 153,174,43 | 170,688.37 | | 323,862,80 |
| 1915 | 126,852,28 | 157,915.84 | | 284,768,12 |
| 1916 | 165,011.73 | 135,708.89 | | 300,720.62 |
| 1917 | 500,031,75 | 76,716.15 | | 576,747.90 |
| 1918 | 325,000,00 | 272,020,18 | 145,20 | 597,165.38 |
| 1919 | 246,651.95 | 52,372.31 | | 299,024,26 |
| 1920 | 132,426.73 | 124,992.96 | 101,184.56 | 358,604.25 |
| 1921 | 350,000.00 | 218,247.21 | 98,551.98 | 666,799,19 |
| 1922 | 426,807,34 | 173,029.19 | 83,411.15 | 683,247,68 |
| 1923 | 555,613,67 | 34,398.23 | 150,070.59 | 740,082.49 |
| 1924 | 730,423,17 | 67,683.67 | 138,000.81 | 936,107.65 |
| 1925 | 775,665.02 | 168,518.01 | 194,164,61 | 1,138,347.64 |
| 1926 | 1,013,577,53 | 115,035,11 | 182,705.05 | 1,311,317.69 |
| 1927 | 889,443.65 | 207,909.20 | 119,814.04 | 1,217,166.89 |
| 1928 | 860,192.90 | 134,593.11 | 258,882.17 | 1,253,668,18 |
| 1929 | 997,297.64 | 134,371.66 | 315,494.61 | 1,447,163.91 |
| 1930 | 775,406.36 | 138,542,03 | 342,401.26 | 1,256,349.65 |
| 1931 | 751,366.08 | 202,547.78 | 334,359.60 | 1,288,273.46 |
| 1932 | 710,738.05 | 68,270.32 | 260,022.41 | 1,039,030.78 |
| 1933 | 448,777.90 | 162,310.04 | 83,948.22 | 695,036.16 |
| 1934 | 467,737.60 | 88,433.89 | 42,834.21 | 599,005.70 |
| 1934 (NIRA) | 780,396.23 | a, s. ₂₀ , | 53,479.55 | 833,875.78 |
| Doto] | 17 500 040 15 | 4 000 470 or | | 50 440 848 0A |

Total 13,592,840.15 4,088,432.87 2,759,470.02 20,440,743.04

(1) To Oct. 31.

(2) To Sept. 30.

(3) U. S. Treasury adjustment.

"Other funds" in the foregoing table include the following expenditures from other appropriations: ł

| | Increase of | | | | | | |
|---|--|---|--|--|--|--|--|
| Fiscal year | Compensation | Quartermaster | Funds | National | | | |
| ristar your | Acts | General | contributed | Park Service | | | |
| | 40.02 | dener ar | COULTINGER | Fark Service | | | |
| 1918 | \$145.20 | ، مع جو بر مربع من مربع من مع | | | | | |
| 1920 | φ. 10 | | \$101,184.56 | | | | |
| 1920 | 940.00 · | | | | | | |
| | 4,322.09 | | 97,611.98 | | | | |
| 1922 1923 | 28,857.72 | | 79,089.06 | | | | |
| | 45,675.36 | | 121,212.87 | | | | |
| 1924 | • | | 92,325.45 | | | | |
| 1925 | 15,136.08 | \$300.00 | 98,708.53 | \$80,020.00 | | | |
| 1928 | 1988 (1999 1999 1999 1999 1999 1999 1999 | 290.17 | 132,414.88 | 50,000.00 | | | |
| 1927 | | 812.00 | 103,001.10 | 16,000.94 | | | |
| 1928 | · | 792.83 | 198,089,34 | 60,000,00 | | | |
| 1929 | | 1,000.00 | 249,494.61 | 65,000.00 | | | |
| 1930 | بري منه جه 74 برد به جه جه حد خد هم | 1,499,80 | 180,080.15 | 160,821.31 | | | |
| 1931 | | 937.47 | 165,604.86 | 167,817.27 | | | |
| 1932 | یا کا ایری این ایر | 2,324.83 | 161,459,79 | 96,237.79 | | | |
| 1933 | | | 6,698.71 | 77,249.51 | | | |
| 1934 | ****** | | 36,027,35 | 6,806,86 | | | |
| 1934 (NIRA). | میں میں جب کی ہیں جب جہ ^{ہی} کی | · • • • • • • • • • • • • • • • • • • • | | 53,479.55 | | | |
| Total \$95,076.45(1) \$7,957.10 \$1,823,003.24(2) \$833,433.23(3) (1) Includes refunds of \$16.95. (2) Includes refunds of \$10,571.43 but is exclusive of reversions to Treasury (Economy Legislation) of \$302.39. (3) Includes refunds of \$20.94 but is exclusive of reversions to | | | | | | | |
| treasury (- | Requiring mestar | ation) of \$3,77 | | 14. J. | | | |
| Total Congression | nal appropriat | ions | 1997 - 19 | \$14,884,710.00 | | | |
| Less - Reversion | to Trongunur | (Foonome | | | | | |
| Legisla | tion) | | \$47 004 50 | | | | |
| Transfer · | to II S. Engin | eer Department | • φ±1,094.00 | | | | |
| | | ontrol) | 410 01 | 1 · · · - | | | |
| Balance unernende | OTCOV TIOOU C | 51161-01) | - 417.61 | A | | | |
| Balance unexpende | ou | • | . <u>1,207,000,77</u> | \$ <u>1,315,115,48</u> | | | |
| Amount expen | nded | • • • • • • • • • • • • • • • • • | •••••• | <u>13,569,594.52</u> | | | |
| Add Navy Departme Add repayments an | ent reimbursem 1d voucher cor: | ent | 3,976,19 | | | | |
| 1920-1929 | | •••••• | 19.269.44 | 23,245.63 | | | |
| | | | | | | | |
| Total expend | litures | ••••• | | \$13,592,840.15 | | | |
| | | | | | | | |

eginning

Total 38,000.000 75,592,86(1 16,745.70(2) 35,629.90(2 3,646.89/2 10,396.79(2) 3,777.95 17,406.07 7,052,23 3,128.47 3,862.80 4,768.12 0,720.62 6,74~ 90 7,1 38 9,024.26 3,604.25 5,799.19 3,247.68 0,082.49 3,107.65 3,347.64 1,317.69 7,166.89 3,668.18 '**,163.91** ,349.65 ,273.46 9,030.78 ,036.16 ,005.70 ,875.78 ,743.04

| Total Alaska fund | \$4,192,608.69 |
|--------------------------------------|------------------------|
| Less balance unexpended July 1, 1934 | 104,175.82 |
| Total expenditures | \$ <u>4,088,432.87</u> |

These expenditures are summarized as follows:

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Federal Appropriations

| Congressional appropriations | \$13,592,840.15 |
|--|-----------------|
| Alaska fund, 1905-1934 | 4,071,380.64 |
| U. S. Treasury adjustment, 1921 | |
| Increase of compensation acts, 1918-1925 | 95;076.45 |
| Quartermaster General, 1925-1932 | |
| National Park Service, 1925-1934 | 833,433,23 |
| • • • • | |
| ۳otal | \$18.617.739.80 |

Contributed Funds

| Territory of Alaska, 1920-1934 Miscellaneous | \$1,664,267.07 <u>158,736.17</u> |
|---|-------------------------------------|
| Total | \$1,823,003.24 |
| Grand total | \$20,440,743.04 |

In addition to the above funds, disbursed through the United States Treasury, the Commission has supervised the expenditure of the following funds, disbursed by other agencies, for road and trail development:

| Territorial funds and forest revenues prior to 1921 | \$684,239.64 |
|---|--------------|
| Territorial divisional commissioners, 1921-1929 | 194,939.60 |
| Seward Peninsual tramway, 1923 | 24,014.00 |
| Tolovana tramway, 1924 | 6,425.00 |
| Kaltag portage survey, 1925 | 312.72 |
| Miscellaneous, 1926-1930 | 22,349.50 |
| Total | \$932,280.46 |

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TERRITORIAL FUNDS

The Territorial legislature biennially appropriates funds for the construction and maintenance of roads and trails. These funds are allocated to projects by the Territorial Road Board and are expended under the direction of the Alaska Road Commission.

For the working season of 1934 (fiscal year 1935) the Territorial Board has allotted to the Alaska Road Commission the following amounts:

> > Total..... \$41,000

MATERIALS, SUPPLIES AND EQUIPLENT

Alaska products are preferably used in the work when the price and quality compare favorably with the cost of the same items landed at warehouses in Alaska.

All supplies not procured in Alaska are purchased for the Commission by a governmental purchasing agency in Seattle, acting also for various other bureaus operating in the Territory. The cost of this service is shared by the individual bureaus on a pro rata basis. The share for the Alaska Road Commission is 4 percent of the invoice price of items thus purchased.

Work is performed by mechanical equipment to every extent deemed advantageous. Small jobs in remote sections are necessarily done by hand. The Commission is now fully equipped to handle construction and maintenance work within the present limits of appropriations except for replacement of unserviceable or obsolete equipment. During the fiscal year just closed the following pieces of mechanical equipment were purchased:

8 pickup trucks, 1/2-ton 5 freight trucks, 1 1/2-ton 54 dump trucks, 1 1/2-yard 4 tractors, 76 h.p. 17 tractors, 48 h.p. 2 tractors, 27 h.p. 9 scrapers, automatic rotary fresno 1 mower 2 pull graders, power controlled

,192,608.69

104,175.82

088,432.8

,592,840,15

,071,380.64

17,052.23 95,076.45

7,957.10 833,433.23

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,664,267,07 158,736.17

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3684,239.64 194,939,60

24,014.00

22,349,50

932,280.4

6,425,00

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12 pull graders, hand controlled

- 1 scraper, 1/2-yard, drag
- 1 tractor hoist, double drum
 - 4 trailers, track laying type
 - 2 rippers
 - 2 speeders, railroad
 - 3 trailbuilders
 - 1 shaker screen with engine

ORGANI ZATION

Labor, both common and skilled, is secured entirely from local residents. Labor has been plentiful the past year. It is encouraging to note the exceptional loyalty to the organization which is manifested generally even by the lowest paid laborers. This may be attributed in part to the fact that, though the work is only seasonal, many of these men have worked for the Commission continuously for 5 to 10 seasons and in part to the fact that as a whole Alaska labor is probably superior to that found elsewhere.

At the Juneau headquarters, located in the Federal and Territorial Building, is the general office staff consisting of a chief engineer and an assistant chief engineer with necessary clerical assistants. Disbursing is performed by the disbursing officer for the Department of the Interior at Juneau.

Five district offices and two district suboffices are located at strategic points in the field. The suboffices are closed during the winter months. Due to increased air travel, which caused a marked decrease in the use of winter trails, the Kuskokwim district office was discontinued during the winter of 1932. The summer season's operations in this district are now handled by the Southwest district office. The work in the vicinity of Bethel, where no office is maintained and which was formerly a part of the Kuskokwim District, is handled direct from the Juneau office. The work near or adjacent to Juneau, and known as the "Southeastern District", is supervised from the headquarters office.

The organization, with its widespread activities throughout the Territory, is equipped to handle many phases of construction work, and in many instances has lent itself to the supervision of construction work of various kinds for other branches of the Federal Government, and for the Territorial Government. This consolidation of work has doubtless saved considerable public expenditure, particularly on small projects in isolated sections. Especially is this true of small road projects undertaken by the Territorial Government and which were not included in the general road program of the Commission.

CONSTRUCTION METHODS

Although standard construction and maintenance methods are employed in Alaska so far as practicable, it is necessary to vary therefrom in some instances because of special physical and climatic conditions.

The frozen condition of the subsoil and the constant thawing during summer require special precautions for drainage. Intercepting ditches on the up-hill side of the road are frequently necessary and after the vegetation has been stripped from the roadway the ground must be allowed to thaw, settle, and consolidate for several months before completing the grading and applying the surfacing. Frequently one or more seasons are required for such drainage and consolidation and in order to maintain traffic during this period corduroy must be used. Sloughing banks, due to thawing of the subsurface ice, frequently cause slides which cover and block the roads.

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Special methods of revetment and stream control must be used to withstand the destructive effects of sudden and frequent freshets and washouts that result from heavy rains in the mountains or the release of impounded waters by breaks in glaciers. The most suitable type of revetment for this purpose is built of brush weighted down with stone in bundles wrapped in wire mesh to prevent its washing away.

Gravel for road surfacing is generally available within reasonable hauling distance. Graveling is necessary for practically all roads which are used by automobiles. Concrete or other forms of hard-surfaced roads are nowhere warranted in the present stage of development of the Territory.

Bridges are built of native or imported timber or steel, depending on their importance. Fir has been found to be the most suitable material for timber bridges but improvements in methods of local timber production now in progress will, if successful, make possible some use of Alaska hemlock for structural purposes. Metal culverts are being introduced to replace the culverts or native timber heretofore used.

OPERATIONS DURING THE FISCAL YEAR

The work in the past fiscal year was greatly increased as a result of the allocation of a substantial amount of emergency funds by the Public Works Administration. These funds were available for new construction and reconstruction on much needed projects. These included thirty-three road projects, sixteen airfields, one dyke project and one important bridge project, a bridge over Gastineau Channel connecting Juneau and Douglas. Work on these projects was 57 percent complete at the end of the fiscal year. Ordinary funds were sufficient only for maintenance of the existing system. Emergency funds were also made available by the Civil Works Administration and civil works projects under the Governor of Alaska, who was appointed Administrator of Civil Works for the Territory, were directly supervised by the Alaska Road Commission under direction of the Governor. Due to the greatly increased activity as a result of these emergency funds the organization has experienced an unusually active year.

The Richardson Highway was open from Valdez to Fairbanks from June 8 to October 4.

The surfacing program for the Steese Highway was continued and at the end of the season only 6 miles of the total of 162 miles remained unsurfaced.

The Gulkana-Nabesna road, leading from the Richardson Highway to the Nabesna mining region, was completed as an earth road permitting the use of automobile trucks to the mine after the freezeup. Its total length is 107 miles, 43 miles of which were converted from a tractor road to a dry-weather automobile road during the season.

The highway through Mt. McKinley National Park was opened for an additional distance of 1.25 miles, the constructed portion of the route now totaling 67.50 miles in length and leaving 21 miles to be completed. When completed the route will extend to the north park boundary, only $5\frac{1}{2}$ miles from the Kantishna mining district, a district reported to contain quantities of very valuable ores. Work on this road was confined to maintenance until late in the summer when Public Works Administration funds were made available.

Upon receipt of P. W. A. funds the middle of August work was pushed on the Olnes-Livengood project resulting in extending this route as a dry-weather automobile road to Mile 17. Much preliminary work in the way of clearing and freighting supplies for the 1934 season was done during the winter.

With a special allotment under the Public Works Administration, the organization took over the Anchorage-Eklutna road which had been started and partially graded by the town of Anchorage. During the remaining summer season and the past winter the road was graded for 12 miles, bridges were constructed over Eagle River and Peters Creek. A 300-ft. steel bridge with 120 feet of approach was put in over the Matanuska River at Palmer on the proposed extension of this road.

The Lucky Shot-Willow Station sled road was converted to an automobile road for dry weather use as was the road connecting Iliamna Bay and Iliamna Village.

Contracts were let for the construction of the Juneau-Douglas bridge, the foundation work starting on April 23, 1934.

New aviation fields were constructed at Nome and Cordova from Public Works Administration funds.

Several new short roads and extensions were built in farming and mining areas.

At the request of the Commanding Officer, Chilkoot Barracks, the Alaska Road Commission undertook the supervision of the rehabilitation ed and at remained

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of the Sitka National Cemetery. Funds for the work were provided by the Public Works Administration through the War Department. Expenditures were \$4,583.41.

Work accomplished during the fiscal year is summarized as follows:

New construction: $136\frac{1}{4}$ miles road, 35 miles trail, 820 linear feet of bridges of 60-foot span or over, 4,703 linear feet of trestle span, 61 linear feet of concrete bridges, and 3 airfields.

Improvement: 35 miles road reconstructed, 70.83 miles road surfaced with 106,844 cubic yards gravel, 450 metal culverts installed and 11 airfields enlarged and improved.

Maintenance: 1,543 miles road, 74 miles tramway, 573 miles sled road, 4,759 miles permanent trail and 273 miles of temporary flagged trail were maintained at their usual standard.

The total mileage of all routes as of June 30, 1934, is as follows:

| | Road | Sled <u>Road</u> | Trail | Flagged <u>Trail</u> | Grand Total |
|--|-----------------------|---------------------|-----------------------------|-------------------------|---------------------|
| June 30, 1933 | $(a)1,735\frac{3}{4}$ | 1,617 | $7,284\frac{5}{4}$ | 712 | 11,349 1 |
| Fiscal Year 1934 New mileage Reclassified | 57 | | 78 <u>4</u> -38 <u>3</u> | | 135 <u>1</u> |
| Total | | 1,576 <u>1</u> | $7,324\frac{1}{4}$ | 712 | $11,484\frac{3}{4}$ |
| No work of either maintenance or improvement during fiscal year 1934 | | | | 4 39 | 4,091불 |
| (a) Includes 74 miles tram roa | | · | | • • • • • • • • • • | |

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PROPOSED OPERATIONS

In addition to \$452,000 from appropriated funds, it is estimated there will be available from the "Alaska Fund" and Territorial appropriations \$180,000 for the fiscal year ending June 30, 1935.

These funds will be required for normal maintenance of the existing system and for a limited improvement of certain sections. Surfacing will be provided where possible with available funds and a limited mileage of tractor road will be improved to an extent permitting the use of truck traffic in dry weather only. In addition to the above funds there is an unexpended balance of \$912,124.22 from Public Works Administration allotments. These funds will be expended during the fiscal year on the projects to which they were allocated.

RECOMMENDATIONS

For the fiscal year ending June 30, 1936 an appropriation of \$1,100,000 is recommended in addition to funds available from other sources. This will provide for necessary maintenance to the existing system and for the continuance of a reasonable program of construction on projects now under way and on needed new projects.

The principal projects on which new work would be performed are as follows:

<u>Olnes-Livengood</u>. This project should be surfaced throughout making it passable in any kind of summer weather.

Bunker Hill-Kougarok. Extension of road to serve mining area.

Kantishna-Park Boundary. Extension of Park road beyond boundary to serve mining area.

<u>Anchorage-Matanuska</u>. Completion of this project from Eklutna to connect with the Matanuska River Bridge at Palmer.

<u>Hot Springs-Tofty</u>. Improvement of a winter sled road truck road standard.

<u>Chistochina-Slate Creek</u>. Improvement of a winter sled road to summer tractor road standard.

<u>Colorado Creek</u>. Construction of a tractor road to serve mining development.

Teller-Bluestone. Extension of road to serve mining activities.

Cantwell-Valdez Creek. Improvement of trail to summer tractor road.

Newhalen-Lake Clark. New road construction.

Homer-Kachemak Bay. Extension of road to serve farming area.

Skagway-Glacier. Completion of road already started.

In addition to the above listed projects work will be required on a number of small projects to serve developments as they occur.

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A well planned program requires definite assurance that funds will be provided at a uniform rate. This allows for a definite plan for procurement and economical use of equipment as well as the building up of a well balanced and competent supervisory force. Such a plan is impossible under wide fluctuation of available funds from year to year.

THIRTY-YEARS' SERVICE

With the period covered by this report the Alaska Road Commission concludes its thirtieth year of service. The work accomplished consists of the construction and maintenance of 1,872 miles of wagon and tram road, most of which is suitable for automobiles, $1,576\frac{1}{2}$ miles of winter sled road, 7,324 miles of trail and 712 miles of flagged trail. The total costs to the end of the fiscal year are \$19,978,181.65, of which \$10,349,284.16 was for new work and \$9,628,897.49 was for maintenance and improvement. The total expenditures to date are \$20,440,743.04 of which \$14,529,306.93 was derived from Federal appropriation acts. The balance, \$5,911,426.11, or 29 percent of the total expenditures, was obtained from Alaskan sources.

The pioneer period of the Alaska Road Commission is largely over. All existing mileage has been opened and improved, so far as funds have permitted. The present system of roads serves as the basis for future development of overland routes throughout the Territory. This development calls only for additional funds for construction.

COSTS

A standard cost system is maintained in all districts, from which, over a period of years, valuable information can be secured in the preparation of estimates. In the use of such data, however, consideration must be given to the large differences in freight rates, labor costs and climatic conditions in the various sections.

In the interior of Alaska the average cost for construction of a mile of gravel-surfaced road capable of continuous traffic in any kind of summer weather, and of such width as to enable cars to pass at any point, is \$9,000.

Annual maintenance costs, including minor improvements, are roughly considered as \$300 per mile for wagon roads, \$25 for sled roads, \$10 for trails and \$3 for flagged trails. For the working season of 1933 the cost of maintenance, including minor improvements, was \$246 per mile for roads, \$17 for sled roads and \$6 for trails. Roads were kept open for traffic, except in unusual circumstances but in certain instances maintenance was insufficient due to lack of funds. Very little engineering is done on roads after the final survey is made. A resident engineering force is never maintained. To take the place of a permanent engineering force on a new job, foremen of long experience are employed and advised frequently by superintendents who are either engineers or men of wide experience on engineering work of this nature in Alaska.

Dispensing with relatively large engineering forces has reduced costs materially and, due to the low type of construction undertaken, has not adversely affected the work to any extent.

The Richardson Highway, which with the Edgerton Cutoff from Chitina totals 410 miles, is now in such condition that a 2-ton truck can ordinarily travel from Valdez to Fairbanks, 370 miles, in 18 hours. Actually the first automobile went over this route in 1913 but due to lack of funds improvement to a fair standard proceeded slowly. The average cost per mile to June 30, 1934 including all costs for construction and maintenance over the entire period of use for the 410 miles, is \$17,379.99. Total Cost

Main-

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The Steese Highway extending from Fairbanks to Circle, a distance of 162 miles, is suitable for traffic not exceeding 2-ton trucks. Including maintenance of completed sections over a period of 16 years, the total cost per mile of this road to June 30, 1934 is \$11,118.42.

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A consolidated cost statement of all routes follows:

CONSCLIDATED COST SUMMARY

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| No. | Sub-project Name | Cost 1934 | Total Cost to June 30, 1934 | Cost Main- tenance and Improvement 1934 | Total Cost Maintenance and Improve- ment to June 30, 1934 | Cost Con- struction - 1934 | Total Cost Construction to June 30, 1934 |
|------|------------------------------|---------------------------------------|-----------------------------------|--|---|--|---|
| 1* | Prince of Wales Island | \$ | \$63,850.26 | \$ | \$21,038.40 | \$ | \$42,811.86 |
| 24* | Auke Bay Extension | | 60,404.43 | | 12,300.30 | | 48,104.13 |
| 2B* | Mendenhall Glacier Extension | | 15,150.21 | | 7,644.57 | | 7,505.64 |
| 20* | Eagle River Extension | | 18,362.32 | | 3,360.00 | | 15,002.32 |
| 2D* | Juneau-Duck Creek | · · · · · · · · · · · · · · · · · · · | 109,658.27 | | 31,250.55 | | 78,407.72 |
| 2E | Gastineau Channel Bar | | 30,007.83 | | 1,386.00 | | 28,621.83 |
| 2F . | Gold Creek Bridge, Juneau | | 2,156.75 | | | | 2,156.75 |
| 2G | Alaska Juneau Mine Trail | · · · · · · · · · · · · · | 831.66 | | | | 831.66 |
| SH | Juneau Wharf | 377.08 | 34,195.59 | 377.08 | 3,979.28 | | 30,216.31 |
| Sl | Juneau Float | 34.69 | 5,241,48 | 34.69 | 107.06 | · | 5,134.42 |
| 5K | Willoughby Avenue | 51,519.06 | 51,519.06 | | | 51,519.06 | 51,519.06 |
| 5T | Juneau-Douglas Bridge | 7,5 ⁴ 5,92 | 7,545,92 | ****** | | 7,545,92 | 7,545,92 |
| 3 AB | Haines-Pleasant Camp | 28,051.54 | 448,540.08 | 10,051.54 | 164,715.89 | 18,000.00 | 283,824.19 |
| 30 | Porcupine Extension | | 47,634.63 | | 9,279.73 | | 38,354.90 |
| 3D | Haines-Mud Bay | 483.29 | 32,627.95 | 483.29 | 13,820.49 | | 18,807.46 |
| 3E | Haines-Chilkoot | 1,013.07 | 21,963.21 15 | 1,013.07 | 3,726.65 | ······································ | 18,236.56 |

| | | | Total Cost | | Total Cost | | Total Cost |
|---------------|--------------------------------|--------------|-------------------------|--------------------|-----------------------------|--|---|
| N <u>o.</u> | Sub-project Name | Cost 1934 | to 6-30-34 | Cost M & I 1934 | M & I to 6-30-34 | Cost Con. 1934 | 1 · · · · · · · · · · · · · · · · · · · |
| 3F | Haines-Jones Point | \$ | \$2,353.20 | \$ | \$799-75 | \$ | \$1,553.45 |
| 3G : | Chilkoot Barracks Water Supply | | 28,344.60 | | Vill 500 Trimulo 440 | | 28,344.60 |
| 3H | Chilkoot Barracks Roads | | 1,252.50 | | 1,252.50 | | |
| 4 <u>4</u> ** | Donnelly-Washburn | | 33,460.06 | | 14,594.66 | | 18,865.40 |
| <u>444</u> | Richardson-Democrat Creek | | 2,320,59 | | | | 2,320.59 |
| 4AB | Donnelly Aviation Field | · | 137.42 | | ^{20,4} 14.11 | من م | 123.31 |
| 4 <u>8</u> 4 | Valdez-Ptarmigan Drop | 30,066.42 | 1,133,819.28 | 30,066.42 | 663,262.73 | · | 470,556.55 |
| 4BA | Dyke | 8,401.06 | 132,813.06 | 8,401.06 | 76,747.08 | | 56,065.98 |
| 4BB | Ptarmigan Drop-Ernestine | 5,332.74 | 466,358.81 | 5,332.74 | 295,131.25 | | 171,227.56 |
| 40 | Ernestine-Willow Creek | 5,717.76 | 374,021.99 | 5,717.76 | 196,522.14 | | 177,499.85 |
| 4D | Willow Creek-Gulkana | 28,465.78 | 658,511.26 | 28,465.78 | 412,116.68 | | 246,394.58 |
| 4E | Gulkana-Sourdough | 688.95 | 385,746.14 | 688 .05 | 241,572.44 | | 144,173.70 |
| 4F | Sourdough-Mile 168 | 3,494.75 | 329,503.03 | 3,494.75 | 193,244.74 | | 136,258.29 |
| 4 G | Mile 168-Delta River | 3,167.48 | 5 ⁴⁴ ,900.87 | 3,167.48 | 386,284.98 | | 158,615.89 |
| 4H1 | Delta River-Rapids | 28,497.72 | 801,146.26 | 28,497.72 | 541,180.66 | | 259,965.60 |
| 4H2 | Rapids-Grundler | 10,563.15 | 426,339.25 | 10,563,15 | 305,953.13 | | 120,386.12 |
| μī | Grundler-Richardson | 4,413.34 | 352,734.34 | 4,413.34 | 231,440.34 | | 121,294.00 |
| <i>H</i> J | Richardson-Salchaket | 3.047.84 | 462,470.94 | 3.047.84 | 246,952.93 | | 215,518.01 |

Sub-project Cost Cost M & I M & I to Cost Con. Construction

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|--|----------------------------|--------------|----------------------------------|--|-----------------------|------------|
| 41 (dler-Richardson | 4,413.34 | 352.73 | 4,413,34 | 231.440.34 | | 121.291 |
| 45 Hichardson-Salcheket | 1 3.047.84 | 1462,1470,94 | 8.047.84 | 1246.952.93 | | |
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| Sub-project Name | Cost 1934 | Total Cost to 6-30-34 | Cost M & I 193 ¹ 4 | Total Cost M & I to 6-30-34 | Cost Con. 1934 | Total Cost Construction to 6-30-34 |
|--------------------------------------|--------------|-----------------------------|----------------------------------|-----------------------------------|-------------------|--|
| JA Lake Harding Road | \$ | \$5,068.96 | \$ | \$1,968.21 | \$ | 3,100.75 |
| K Salchaket-Fairbanks | 3,942.62 | 559,262.85 | 3,942.62 | 304,299.98 | | 254,962.87 |
| KA Salcha Bridge | 1,812,39 | 95,482.06 | 1,812.39 | 45,111.39 | | 50,370.67 |
| ** Ester-Dunbar | · | 19,405.18 | | 6,781.00 | | 12,624.18 |
| A Dunbar-Tanana | 415.65 | 91,696.08 | 415.65 | 41,426.39 | | 50,269.69 |
| B Nenana-Campbells | | 2,025.61 | *** *** *** *** | 106.60 | | 1,919.01 |
| C Fish Lake-American Creek | 655.04 | 8,166.47 | 665.04 | 2,399.94 | | 5,766.53 |
| D American Creek Aviation Field . | | 940.00 | - | | | 940.00 |
| E Tanana Aviation Field | 1,378.22 | 5,653,14 | | 374.96 | 1,378.22 | 5,278.18 |
| F Illinois Creek-Moran Creek | : | 1,178.89 | | ten, est - ma - 14 | | 1,178.89 |
| A Willow Creek-Tonsina | 593.00 | 231,782.38 | 593.00 | 122,121.60 | | 109,660.78 |
| B Tonsina-Chitina | 4,907.98 | 366,518.56 | 4,907.98 | 221,155.87 | | 145,362.69 |
| D Chitina Depot | 378.45 | 14,979.23 | 378.45 | 3,040.57 | | 11,938.66 |
| E Chitina-Native School | 11.75 | 1,080.96 | 11.75 | 585.90 | | 495.06 |
| F Lower Tonsina Aviation Field | | 1,587.15 | | | | 1,587.15 |
| G Copper Center Aviation Field | • | 276.92 | | 76.33 | | 200.59 |
| I Chitina Aviation Field | | 110.85 | , | | | 110.85 |
| Sunmit-Chatanika | 2,080.93 | 87,116.87 | 2,080.93 | 46,354.16 | · | 40,762.71 |
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|---------|---------------|---------------------------------------|---------------------------------------|---------------------------------------|--|-----------------------------------|---------------------------------------|--|
| | No. | Sub-project Name | Cost 1934 | Total Cost to 6-30-34 | Cost M & I 1934 | Total Cost M & I to 6-30-34 | Cost Con. 1934 | Total Cost Construction to 6-30-34 |
| | 744 | Cleary Creek | \$137.97 | \$9,342.04 | \$137.97 | \$5,024.23 | | \$4,317.81 |
| • | γв | Fox-Olnes | 506.31 | 51, ¹⁴¹⁴ .5 ¹ 4 | 506.31 | 23,352.89 | | 28,091.65 |
| • | 7BA | Dome-Spaulding Mine | | 3,250.35 | | 410.98 | <u>_</u> | 2,839.37 |
| , | 7BB* | *Fox-Steel Creek | | 855•75. | ···· ··· ··· ··· ··· ··· ··· ··· ··· · | | | 855.75 |
| • | 70 | Summit-Fairbanks Creek | 1,534.13 | 56,887.19 | 1,534.13 | 31,984.58 | · · · · · · · · · · · · · · · · · · · | 24,902.61 |
| | 7CA | Summit-Fish Creek | 697.25 | 17,479.39 | 697.25 | 4,698.57 | | 12,780.82 |
| | 7D | Ester Creek | 8,799.43 | 97,764.26 | 8,799.43 | 59,107.33 | | 38,656.93 |
| | 7DA | College Spur | 13.44 | 1,413.59 | 13.44 | 883.59 | | 530.00 |
| | 7DB | Ester-Dome | 287.35 | 4,984.99 | 287.35 | 792.26 | | 4,192.73 |
| | 7DC | St. Patricks-Happy-Gold Stream | 1,211.06 | 8,386.50 | 1,211.06 | 2,317.03 | | 6,069.47 |
| | 7DD | Ester-Beegler | · · · · · · · · · · · · · · · · · · · | 1,010.28 | | 10.28 | | 1,000.00 |
| , | 7DE | Ready Bullion | | 365.30 | | ; | | 365.30 |
| × | 7 E ** | Vault Creek | | 4,875.20 | | 172.37 | | 4,702.83 |
| ·· •· • | 7 F ** | Vault Creek-Treasure Creek | · · · · · · · · · · · · | 1,379.09 | | 29.09 | | 1,350.00 |
| | 7G | Fairbanks-Gilmore | 10,176.42 | 199,285.88 | 10,176.42 | 128,883.13 | | 70,402.75 |
| | 7GA | Lazelle Road | 1,745.60 | 7,770.56 | 1,745.60 | 3,657.05 | | 4,113.51 |
| | 7 H | Little Eldorado Creek | 273. ⁴⁴ | 22,666.82 | 273.44 | 14,088.51 | | 8,578.31 |
| · · · · | IT | Gilmore-Summit | 3,606.11 | 62,609.88 | 3,606.11 | 43,446.56 | : | 19,163.32 |
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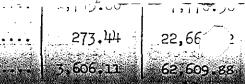
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| 7H | L | le | Eldorado | Creek |
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| No. | Sub-project Name | Cost 1934 | Total Cost to 6-30-34 | Cost M & I 1934 | Total Cost 17 & I to 6-30-34 | Cost Con. 1934 | Total Cost Construction to 6-30-34 |
|---------------|----------------------------------|---------------------------------------|-----------------------------|--------------------------|------------------------------------|------------------------|--|
| 7IA* | *Gilmore Creek | \$ | \$1,562.00 | \$ | \$ | \$ | \$1,562.00 |
| 7J. | Fairbanks-Chena Hot Springs | 294,98 | 18,273,93 | 294.98 | 10,241.34 | | 8,032.59 |
| 7JA | Chena River Branch | 147.48 | 2,323.84 | 147.48 | 1,709.83 | | 614.01 |
| 7JB | Palmer Creek Aviation Field | | 839.11 | | 264.11 | 4414 (ma) dan verin om | 575.00 |
| 7J.C | Colorado Creek-South Fork | | 600.00 | | | | 600.00 |
| 7K | Olnes-Livengood | 127,468.57 | 190,816.66 | | 2,170.39 | 127,468.57 | 188,646.27 |
| 7N | Farmers-Birch Hill | 7,296.15 | 34,87.7.38 | 7,296.15 | 20,475.41 | | 14,401.97 |
| 7N <u>A</u> . | Isabelle Creek | | 2,853.77 | | 1,178.77 | | 1,675.00 |
| 7NB | Ballaine-Rickert | , <u>.</u> | 1,935.68 | | 135.68 | | 1,800.00 |
| 7R | Goldstream-O'Connor Creek | | 662.56 | | 507.92 | · •••• •••• | 154.64 |
| 7S | Graehl Bridges | · · · · · · · · · · · · · · · · · · · | 6,625,25 | | 3,574.89 | | 3,050.36 |
| 7T | Farmers-Chena Slough | 138.00 | . 17,570.66 | 138.00 | 6,371.89 | | 11,198.77 |
| 7V . | Fairbanks-Wireless Road | | 495.46 | | 495.46 | | - |
| 7X | Chena Hot Springs Aviation Field | | 1,739.58 | | 50.00 | | 1,689.58 |
| 7¥ | Fairbanks Aviation Field | | 19,969.33 | Burli Gala tain tain ann | 498.11 | | 19,471.22 |
| 7Z | Fairbanks Aviation Field Road | | 766.66 | | | | 766.66 |
| g | Nome-Council | 11,038.46 | 4443,065.71 | 8,538.46 | 261,182.75 | 2,500.00 | 181,882.96 |
| 8D | Council-Ophir Creek | 889.31 | 9,521.43 | 889.31 | 9,521.43 | | |

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| No. | Sub-project Name | Cost 1934 | Total Cost to 6-30-34 | Cost M & I 1934 | Total Cost M & I to 6-30-34 | Cost Con. 1934 | Total Cost Construction to 6-30-34 |
|----------------|---------------------------------|--------------|-----------------------------|--------------------|-----------------------------------|--|--|
| 8H | Casa de Paga | \$1,111.16 | \$33,846.90 | \$1,111.16 | \$16,407.25 | \$ | \$17,439.65 |
| 8J | Shovel Creek | | 66.55 | | 8.05 | | 58.50 |
| SK | Council Aviation Field | | 2,244.27 | - - - - | 845.03 | : • • • • • • • • • • • • • • • • • • • | 1,399.24 |
| : 8L · | Port Safety Aids | | 616.50 | | 616.50 | | |
| · 9 | Bampart-Eureka | 261.80 | 54,173.15 | 261.80 | 25,058.79 | | 29,114.36 |
| 10* | Seward-Kenai Lake | | 80,783.93 | · | 34,523.10 | | 46,260.83 |
| 104* | Seward-Radio | | 6,594.04 | ~~ | 124.00 | | 6,470.04 |
| 10B* | Seward-Nash | | 21,996.00 | | 8,753.70 | | 13,242.30 |
| <u>10</u> 100* | Lowell Creek Flood Control | | 124,663.54 | | 11,424.92 | - | 113,238.62 |
| loD | Seward Aviation Field | 2,648.08 | 12,991.69 | | 245.75 | 2,648.08 | 12,745.94 |
| - 11A | Eagle-Liberty | 4,370.34 | 128,113.97 | 4,370.34 | 74,691.42 | · | 53,422.55 |
| 11B | American Summit-Fortymile | 603.72 | 28,968.24 | 603.72 | 8,717.05 | · · · · · · · · · · · · · · · · · · · | 20,251.19 |
| : 110 | Steel Creek-Mouth Walker's Fork | 659.00 | 9,592.24 | 659.00 | 4,959.74 | ۰ سوچه دور می | 4,632.50 |
| 11D | Steel Creek-Walker's Fork | | 6,446.20 | | 2,336.20 | | ¹⁴ ,110,00 |
| lle | Eagle-Seventymile | 1,899.02 | 22,752.27 | 1,899.02 | 17,787.68 | | 4,964.59 |
| 11F | Liberty-Chicken | 1,227.71 | 19,807.59 | 1,227.71 | 15,793.32 | ۰ | 4,014.27 |
| 116 | Steel Creek-Canyon Creek | 31.01 | 986.04 | 31.01 | 986.04 | | |
| <i>JJ</i> | Fortymilo-Chickon | | 76.11 | | 76.11 | / | |

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| Sub-project No. Name | Cost 1974 | Total Cost to 6-30-34 | Cost M & I 1934 | Total Cost M&I to 6-30-31 | Cost Con. 1934 | Total Cost Construction to 6-30-34 |
|---|---------------------------------------|-----------------------------|--------------------|---------------------------------|---|--|
| 11K Fortymile-Steel Creek | \$ | \$80,00 | \$ | \$30 . 00 | \$ | . \$ |
| llL Franklin-Chicken | 329.02 | 2,436.88 | 329.02 | 2,436.88 | | *** -= *** == |
| 11M Jack Wade-Walker's Fork-Boundary | | 350.47 | | 350.47 | · · · · · · · · · · · · · · · · · · · | |
| llN Lillywig Creek | , | 909.50 | • | | | 909.50 |
| 11P Chicken Aviation Field | 66.86 | 2,816.00 | 66.86 | 115.86 | | 2,700.14 |
| IQ Eagle Aviation Field | 66,86 | 2,829.84 | 66.86 | 809.09 | | 2,020.75 |
| 2A**Mile 34-Lynx Creek | · · · · · · · · · · · · · · · · · · · | 22,192.66 | | 8,239.03 | | 13,953.63 |
| .3A Nome-Bessie | 365.58 | 88,839,89 | 365.58 | 50,297.94 | | 38,541.95 |
| 3B Bessie-Snake River | 13,576.55 | 99,754.90 | 4,076.55 | 60,721.78 | 9,500.00 | 39,033.12 |
| 3EA Snake River-Monument Creek | | 1,788.65 | | 371.38 | · | 1,417.27 |
| 30 Bessie-Sunset Creek | 11,028,52 | 62,726.56 | 2,128.52 | 19,414.28 | 8,900.00 | 43,312.28 |
| 3D**Bessie-Dry Creek | | 3,289.20 | | 1,706.73 | | 1,582.47 |
| 3E**Dry Creek-Newton | | 623.74 | | 223.86 | , , , , , , , , , , , , , , , , , , , | 399.88 |
| 3F Nome-Osborne | 770.79 | 58,625.33 | 770.79 | 43,231.54 | <u></u> | 15,393.79 |
| 3G**Grass Gulch | | 1,125.73 | | 338.94 | ▲ sugar sumb dava versit dente | 786.79 |
| 3H**Center Creek | | 1,538.80 | | 1,455.15 | | 83.65 |
| 3J** Wonder-Flat Creek | | 2,803.72 | | 2,633.22 | | 170.50 |
| 3K Bessie-Buster | 537.87 | 56,625.91 | 537.87 | 39,121.93 | | 17,503.98 |
| a de la companya de La companya de la comp | • • • • • • | 21 | | | | • . |

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| No. | Sub-project Name | Cost 1934 | Total Cost to 6-30-34 | Cost 'M & T 1934 | Total Cost M & I to 6-30-34 | Cost Con. 193 ¹ 4 | Total Cost Construction to 6-30-34 |
|-------------------|-----------------------------------|--------------|-----------------------------|---------------------|-----------------------------------|--|--|
| 13L | Nome Buoys | \$ | \$585.00 | \$ | \$585.00 | \$ | \$ |
| 1 <u>3</u> M | Nome Depot | 34.10 | 4,866.52 | 34.10 | 4,866.52 | | |
| 14* | Sitka-Indian River | | 9,610.88 | | 3,336.16 | ······································ | 6,274.72 |
| 14 | Sitka-Indian River | 625.59 | 7,573.32 | 625.59 | 4,010.32 | | 3,563.00 |
| 1 ¹ 4A | Sitka National Monument | 593.50 | 13,531.21 | 593.50 | 11,981.21 | | 1,550.00 |
| 14B* | Sitka National Cemetery | | 9,233.02 | | 5,733,02 | | 3,500.00 |
| 14C | Sitka-Pioneer Cemetery Road | 46.80 | 4,532.53 | 46.80 | 1,241.51 | | 3,341.02 |
| 14D | National Cemetery Road | 115.25 | 2,493.60 | 115.25 | 1,796.13 | | 697.47 |
| 15 | Circle-Miller House | 6,330.87 | 596,395.68 | 6,330.87 | 163,707.65 | | 432,688.03 |
| 154 | Central House-Circle Hot Springs | 1,253.70 | 34,141.27 | 1,253.70 | 11,640.57 | | 22,500.70 |
| 15B | Central House-Deadwood | 287,66 | 12,506.09 | 287.66 | 454.21 | | 12,051.88 |
| 150 | Circle Hot Springs Aviation Field | 662.36 | 2,364.57 | · · · · | 385.71 | .662.36 | 1,978.86 |
| 15D | Leech Cutoff | | 224.75 | | ana 110 an 110 an | | 224.75 |
| 15E | Miller House-Harrison Creek | 3,858.36 | 6,128.83 | | 399•94 | 3,858.36 | 5,728.89 |
| 16 | Chatanika-Miller House | 45,362.84 | 855,775.73 | 45,362.84 | 320,167.22 | | 535,608.51 |
| 16 <u>A</u> | U. S. Creek Branch | | 12,362.79 | | 1,990.66 | | 10,372.13 |
| 16B | Eagle Creek Spur | | 306.03 | | 224.86 | | 81.17 |
| <i>160</i> | Chatanika-Miller House (Winter) | 29.75 | 23.305.51 | 29.75 | 8,690.77 | | 14.614.74 |

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|-------|----------------------------------|----------|------------|-----------------------|------------|---------------------------------------|--------------|
| | Sub-project | Cost | to | Cost M & I | M&I to | Cost Con. | Construction |
| No. | Name | 1934 | 6-30-34 | 1934 | 6-30-34 | 1934 | to 5-3034 |
| 16D | Sourdough Creek Branch | .\$ | \$3,982.76 | \$ | \$1,218.64 | | \$2,764.12 |
| 17 | Tanana-Kaltag | 100.00 | 34,514.24 | . 100.00 | 10,776.44 | | 23,737.80 |
| 174* | *Lewis Landing-Dishkaket | | 483.37 | | | | 483.37 |
| 17B* | *Nulato-Dishkaket | | .735.88 | | 250.00 | | 485.88 |
| 170 | Nulato Aviation Field | | 5,026.02 | | 14.13 | | 5,011.89 |
| 17D | Tanana-Kaltag Telephone Line | <u> </u> | 6,683.59 | | 6,683.59 | | |
| 18 | Kaltag-Nome | 2,684.47 | 74,350.45 | 2,684.47 | 46,213.06 | | 28,137.39 |
| 18A | Bonanza-Kotzebue | . 250,90 | 10,657.25 | 250.90 | 9,427.25 | | 1,230.00 |
| 18B | Golovin-Council | | 570.65 | 51.21 | 570.65 | and and the first the | |
| 1.8D | Unalakleet Aviation Field | | 1,641.17 | | 199.50 | | 1,441.67 |
| 13E | Solomon Aviation Field | | 719.83 | | 624.83 | | . 95.00 |
| 18F | Golovin Aviation Field | | 1,751.97 | يبنه نبب فيب عقد عليو | 172.90 | | 1,579.07 |
| 18G | Moses Aviation Field | | 254.20 | | .29.20 | · · · · · · · · · · · · · · · · · · · | 225.00 |
| 18H | Kaltag-Unalakleet Telephone Line | | 2,454.00 | | 2,454,00 | | |
| 18J | Spruce Creek | 478.89 | 766.39 | 478.89 | 478.89 | | 287.50 |
| 19** | Kern Creek-Knik | | 13,891.95 | | 3,615.73 | | 10,276.22 |
| .94** | Kenai Lake-Kern Creek | | 6,833.20 | | | | 6,833.20 |
| .9B** | Mile 27-Mile 29 A.N.R.R. | , | 741.66 | | ······ | | 741.66 |

12,362.79

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| Sub-project No. Name | Cost 1934 | Total Cost to 6-30-34 | Cost M & I | Total Cost M & I to 6-30-34 | Cost Con. 1934 | Total Cost Construction to 6-30-34 |
|----------------------------------|--|-----------------------------|---------------------------------------|-----------------------------------|---------------------------------------|--|
| 19C** Kenai Lake-Mile 27 A.N.R.R | | 1,595.81 | | | | 1,595.81 |
| 19D** Kern Creek-Indian Creek | | 3,758.26 | | | | 3,758.26 |
| 19E* Girdwood-Crow Creek | | 3,434.15 | | 2,542.50 | | 891.65 |
| 20A** Knik-Susitna | | 8,437.44 | | 629.59 | | 7,807.85 |
| 20B Susitna-Rainy Pass | | 32,876.98 | · · · · · · · · · · · · · · · · · · · | 6,598.69 | | 26,278,29 |
| 200 Rainy Pass-Big River | | 16,436.46 | : | 1,927.39 | | 14,509.07 |
| 20D** Dishkaket-Kaltag | | 4,290.00 | | 38.60 | · | 4,251.40 |
| 20DA Takotna-Ophir (Winter) | 130.40 | 5,026.87 | 130.40 | 1,226.87 | | 3,800.00 |
| 20DB Ophir-Dishkaket | | 4,335.00 | | 760.00 | | 3,575.00 |
| 20E** Susitna-McDougal | ······································ | 8,640.21 | | | | 8,640.21 |
| 20F** McDougal-Cache Creek | | . 7,350.00 | | 347.10 | | 7,002.90 |
| 20G** Lakeview-McDougal | | 3,675.00 | | | | 3,675.00 |
| 20H Nancy-Susitna | | 2,773.36 | · · · · · · · · · · · · · · · · · · · | 3,773.36 | | |
| 20J Susitna-Tyonek | | 4,122.45 | | 1,478.52 | | 2,643.93 |
| 20K Susitna Aviation Field | | 931.10 | | | · · · · · · · · · · · · · · · · · · · | 931.10 |
| 21 Unalakleet-St. Michael | 20.00 | 8,916.33 | 20.00 | 6,313.70 | | 2,602.63 |
| 21A St. Michael Aviation Field | Natar (1994) kana kana pana | 110.00 | · · · · · · · · · · · · · · · · · · · | | | 110.00 |
| 22 Hot Springs-Sullivan Creek | 392.36 | 60.91,4.31 | 392.36 | 33.090.47 | / | 27-223-24 |

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Michael Aviation Field

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|----------------|-----------------------------------|---------------------|--|---|---------------------|---------------------------------------|-----------|
| 23C | Big Creek | | 9,614.77 | 4498 taa 249 Web and | 3,294.77 | · · · · · · · · · · · · · · · · · · · | 6,320.00 |
| 23D | Caro-Flat Creek | | 16,517.56 | | 12,494.30 | · | 4,023.26 |
| 23E | Caro-Coldfoot | | 13,167.46 | | 5,607.59 | | 7,559.87 |
| 23F | Chandalar Aviation Field | | 8,335.74 | | 120.00 | | 8,215,74 |
| 24* | Mile 29 A.N.R.RSunrise | | 57,850.94 | | 27,123.09 | | 30,727.85 |
| 244* | Lynx Creek-Six Mile | | 10,882.40 | | 3,800,00 | | 7,082.40 |
| 24B* | Sunrise-Hope | | 1,085.00 | | 200,00 | | 885.00 |
| 25 A* * | Cripple River | | 8,801.79 | · · · · · | 3,743.82 | | 5,057,97 |
| 25B** | Penny River | | 1,967.08 | س | 691.05 | · · · · · · · · · · · · · · · · · · · | 1,276.03 |
| 250 | Nome-Wireless | | 3,815.43 | | 2,050.52 | | 1,764.91 |
| 25D | Mouth of Center Creek | 358.43 | 27,815.07 | 358.43 | 20,314.00 | · | 7,501.07 |
| 25DA | Little Creek Branch | 73.31 | 4,480.20 | 73.31 | 683,50 | | 3,796,70 |
| 25E | Submarine Paystreak | 98.44 | 36,912.80 | 98.44 | 12,542.47 | · | 24,370.33 |
| 25H** | Otter Creek | | 1,802.52 | | 652.98 | | 1,149.54 |
| 25K | Nome City Dock | 8 ¹ 4.82 | 3,051.47 | 84.82 | 8 ⁾ †•85 | | 2,966.65 |
| 25L | Nome Aviation Field | 8,783.13 | 17,765.56 | | 5,459.73 | 8,783.13 | 12,305.83 |
| 25M | Telephone Lines, Seward Peninsula | | 13,149.20 | | 11,449,20 | | 1,700.00 |
| | | | 2i | | | | · · |
| | | | Name and Address of the Owner | and the second se | | | |

| | | · · · · · · · · · · · · · · · · · · · | Total Cost | | Total Cost | | Total Cost |
|-------|-------------------------------|---------------------------------------|------------|------------|------------|-----------|---------------------------------------|
| | Sub-project | Cost | to | Cost M & I | M&I to | Cost Con. | Construction |
| No. | Name . | 1934 | 6-30-34 | 1934 | 6-30-34 | 1934 | $t_0 6-30-34$ |
| 25N | Nome City Streets | 220.45 | 1,540.02 | 220.45 | 1,540.02 | - · · | |
| 25P | Nome Harbor Lights | | 815.29 | | 815.20 | | |
| 25E | Radio Telephones | | 6,477,34 | | | | 6,477.34 |
| 26 | Candle-Candle Creek | 2,178.41 | 87,497.91 | 2,178.41 | 52,503.84 | | 34,994.07 |
| 264** | Kugruk River Approach | | 488.00 | | 488.00 | | · · · · · · · · · · · · · · · · · · · |
| 26в | Bear Creek Trail | 94.16 | 814.48 | 94.16 | 474.48 | | 340.00 |
| 260 | Candle-Kiwalik | 22.19 | 1,085.60 | 22.19 | 57.69 | | 1,027.91 |
| 26D | Kiwalik Aviation Field | | 873.50 | | 573-50 | | 300.00 |
| 26E | Candle Aviation Field | | 1,355.00 | | | | 1,355.00 |
| 26F | Telephone Line Reconnaissance | | 148,00 | \$~~~ | 148.00 | | · · · · · · · · · · · · · · · · · · · |
| 260 | Candle Radio Road | | .575.00 | | | · · · · · | 575.00 |
| 27 | Deering-Inmachuk | 3,092.95 | 105,875.18 | 3,092.95 | 74,983.28 | | 30,891.90 |
| 27A | Deering Aviation Field | , | 1,159.65 | | 137.65 | | 1,022.00 |
| 28 | Shelton-Candle | | 12,368.89 | | 4,161.87 | | 8,207.02 |
| 28A | Nome-Serpentine Hot Springs. | 396.81 | 17,964.52 | 396.81 | 12,725.52 | | 5,239.00 |
| 29 | Tanana-Bettles | 526.12 | 12,878.41 | 526.12 | 5,866.30 | | 7,012.11 |
| 29A | Bettles-Coldfoot | 777.72 | 20,017.74 | 777.72 | 14,887.74 | e | 5,130.00 |
| 590 | Mile 70-Hughes | | 2,167.02 | | 458.45 | | 1,708.57 |

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| No. | Sub-groject Name | Cost 1934 | Total Cost to 6-30-34 | Cost M & I 193 ⁴ | Total Cost M & I to 6-30-34 | Cost Con. 1934 | Total Cost Construction to 6-30-34 |
|-------|-----------------------------------|--|-----------------------------|---------------------------------------|---------------------------------------|--|--|
| 29D | Wild River Trail | | 1,425.76 | | 1,425.76 | | |
| 29E | Bettles River Aviation Field | | 500,00 | | | | 500.00 |
| 30 | Hot Springs Landing-Eureka | 6,397.70 | 87,226.00 | 6,397.70 | 66,800.19 | | 20,425.81 |
| 30A | Hot Springs-Tofty | 4,264.08 | 10,947.55 | · · · · · · · · · · · · · · · · · · · | 2,374.21 | 4,264.08 | 8,573.34 |
| 30B | Manley Hot Springs Aviation Field | | 1,189,98 | | 49.98 | | 1,140.00 |
| 31 | Caribou Creek | 610,85 | 15,054.49 | 610.85 | 6,473.57 | | 8,580.92 |
| 32A | Takotna-Flat (Summer) | 57.20 | 9,305.14 | 57.20 | 3,867.85 | | 5,437.29 |
| 32AA | Takotna-Flat (via Moore Creek) | 1,197.18 | 1,321.01 | 397.18 | 521.01 | 800.00 | 800.00 |
| 32AB | Flat-Moore Creek | | 15.00 | | 15.00 | | |
| 3240 | Candle Creek-Takotna | | 1,216.09 | | 1,216.09 | | |
| 32B | Iditarod-Flat | 2,873.97 | 125,882.97 | 2,873.97 | 69,996.70 | a an | 55,886.27 |
| 32BA | Iditarod River Improvement | | 100.00 | | | من و الملك فرس حدث هذه | 100.00 |
| 320 | Ophir-Iditarod | 306.16 | 8,053.42 | 305.16 | 3,053.42 | | 5,000.00 |
| 32D | Flat-Crooked Creek | 202.28 | 6,517.51 | 202.28 | 5,037.51 | | 1,480.00 |
| 32DD | Flat-Georgetown | | 150.00 | | 150.00 | | |
| 32E _ | Takotna Aviation Field | 9.25 | 3,869.12 | 9.25 | 446.68 | - | 3,422,44 |
| 32F | Takotna Depot | 701.05 | 14,268.18 | 701 .3 5 | 6,658.91 | | 7,609.27 |
| 33A** | Otter Creek Towpath | د در در در در میرد در در مدینه استور می | 448.23 | | · · · · · · · · · · · · · · · · · · · | | 448.23 |

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| | | · · · · · · · · · · · · · · · · · · · | | · | | | · · · · · · · · · · · · · · · · · · · |
| No. | Sub-project Name | Cost 1934 | Total Cost to 6-30-34 | Cost M & I 1934 | Total Cost M & I to 6-30-34 | Cost Con. 1934 | Total Cost Construction to 6-30-34 |
| 33B** | Summit-Otter Creek | | 5,047.66 | | 5,047.66 | - | •-\$ <u>\$-</u> * |
| 330 | Flat City-Flat Creek | 415.69 | 5,868.65 | 415.69 | 5,868.65 | | |
| 33D | Head Flat Creek-Willow Creek | 2,392.05 | 10,000.57 | 2,392.05 | 8,757.57 | | 1,243.00 |
| 33DA | Happy Creek Road | 360.46 | 360.46 | | | 360.46 | 360,46 |
| 33Ÿ | Willow Creek-Chicken Creek | 1,661.97 | 11,608.59 | 1,661.97. | 10,108.59 | | 1,500.00 |
| 33F | Flat City-Slate Creek | 9,922.70 | 31,417.28 | 1,422.70 | 11,102,58 | 8,500.00 | 20,314.70 |
| 33G | Candle Landing-Candle Creek | 5.16 | 6,577.16 | 5.16 | 980.16 | | 5,597.00 |
| 33E | Flat Aviation Field | 56.58 | 3,180.00 | 56.58 | 280.00 | : | 2,900.00 |
| 34** | Iditarod-Dishkaket | ананананананананананананананананананан | 4,830.98 | | 100.00 | | 4,730.98 |
| 3 ⁴ A | Flat-Holy Cross-Anvik | 431.58 | 2,519.95 | 431.58 | 2,519.95 | | |
| 34B | Iditarod-Shageluk-Anvik | 80.07 | 1,365.66 | 80.07 | 865.66 | | 500.00 |
| 35∆ | Archangel Extension | 278,96 | 31,720.19 | 278.96 | 14,522.27 | | 17,197.92 |
| 35ÅA | Sherry Branch | | 1,768.49 | المعاقبين النبا شعف الدبي | 649.17 | | 1,119.32 |
| 35AB* | *Fairangel Extension | , | 104.20 | | | | 104.20 |
| 35B | Palmer-Fishhook | 428.02 | 40,360:01 | 428.02 | 15,672.09 | | 24,687.92 |
| 35BA | Falk Road | 1,102.75 | 1,102.75 | | | 1,102.75 | 1,102.75 |
| 350 | Palmer-Matanuska River | 314.22 | 35,183.49 | 314.22 | 11,527.33 | · | 23,656.16 |
| 35D | Fillow Groek Extension | 778.05 | 115.568.64 | 779.05 | 77.117.50 | / | 35.734.24 |

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| 35BA Falk Road | . 1,102.75 | 1,102.75 | | | 1,102,75 | 1,102.75 |
| 350 limer-Matanuska Biver | | \sim | | | 1. 1. 1. 1. 1. 1. 1. 1. T. F. | 1 1221 6E |
| 300LIMER÷MELTAMISKA_AIVER | 914-2C | | J-4.22 | | Name and the second | |
| TOD RELICE Dress Terminicon | 576.05 | LIG SECCH | 778-05 | ~ 77.434-59 | and the second second | 38/134014 |

| | Sub-project | Cost | Total Cost | Cost 11 & I | Total Cost M&I to | Cost Con. | Totel Cost Construction |
|------------|---------------------------|-----------------------------|------------|-------------|----------------------|----------------------------------|----------------------------|
| No. | Name | 1954 | to 6-30-34 | 1934 | 6-30-34 | 1934 | to 6-30-34 |
| 35DA | Gold Chord Branch | 219.65 | 12,556.66 | 219.65 | 1,965.42 | | 10,591.24 |
| 35DB | Lucky Shot-Willow | 23,278.57 | 94,997.03 | 3,178.57 | 6,255.75 | 20,100.00 | 88,741.28 |
| 55E | Wasilla-Fishhook | 1,285,49 | 132,404.77 | 1,285.49 | 98,992.14 | | 33,412.63 |
| 5EA | Lakeview Road | 5,400.09 | 5,400.09 | | | 5,400.09 | 5,400.09 |
| 55F | Wasilla-Knik | 590.98 | 54,346:03 | 590.98 | 27,910.56 | | 26,435.47 |
| 5G | Palmer-Springer | 130.95 | 3,332.39 | 130.95 | 1,759.07 | Table Lands Fride Tarrell Stands | 1,573.32 |
| 55H | Wasilla-Finger Lake-Pamer | 346.63 | 37,307.88 | 346.63 | 18,250.65 | | 19.057.23 |
| 35I | Moose-Palmer | 5,657.52 | 8,178.14 | | 627.53 | 5,657.52 | 7,550.61 |
| 35J | Wasilla-Matanuska | 918.39 | 28,759.10 | 918.39 | 19,482.87 | 0 | 9,276.23 |
| 55X | Matanuska Trunk Road | 469.98 | 50,355.81 | 469.98 | 35,304.35 | | 15,051.46 |
| 35L | Palmer-Matanuska | 853.64 | 17,806.75 | 853.64 | 9,402.05 | | 8,404.70 |
| 5N | Houston-Willow Creek | | 1,212.32 | | 272.00. | | 940.32 |
| 5 <u>0</u> | Fishhock-Goldmint | 146.15 | 25,855.14 | 146.15 | 8,318.31 | | 17,536.83 |
| 5P** | Moose Creek-Baxter | | 2,218.62 | | | | 2,218.62 |
| 5ર | Edlund Road | 1,314.68 | 4,494.70 | | 628.33 | 1,314.68 | 3,866.37 |
| 5R | Bogard Road | 5 1 - ₇₁₇ | 14,120.51 | 271.44 | 1,891.93 | | 12,228.58 |
| 5RA | Engstrom Road | | 1,020.00 | | | | 1,020,00 |
| 5s | Moose Creek Trail | | 2,118,44 | | 77-43 | | 2,041.01 |

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| | | 4 A. B. | Total Cast | | Total Cost | | Total Cost |
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| | Sub-project | Cost | to | ·Cost M & I | M & I to | Cost Con. | Constructio |
| No. | Name | 1934 | 6-30-34 | 1934 | 6-30-34 | 1934 | |
| 35-т | Werner Connection | | 502.94 | | 16,00 | | 486.94 |
| 35U | Moose Creek Aviation Field | | 481.75 | | 20.25 | | 461.50 |
| 35⊽ | Fishhook Aviation Field | | 917.49 | · · · · · · · · · · · · · · · · · · · | 68.75 | | 848.74 |
| 35₩ | Wasilla Aviation Field | 540.00 | 999•50 | 54 8. C0 | 540.00 | | 459.50 |
| 35X | Wasilla Aviation Field Road. | 149.85 | 1,417.21 | 149.35 | 281.27 | | 1,135.94 |
| 35Y | Wasilla Depot | 154.00 | 154.00 | 154.00 | 154.00 | | ***** e-ray e-ray and diffe |
| 36 | Mineral Creek | Bield frag gyn iwell fairith . | 60,633.37 | | 25,318.36 | | 35,315.01 |
| 36A | Grandy Road | | 3,431.35 | ···· ··· | 349.44 | | 3,081.91 |
| 36B | South 2nd Street, Cordova | | 3,373.15 | | | | 3.373.15 |
| 360* | Eyak Lake Road | | 7,735.85 | | | | 7,735.85 |
| 36CA | Cordova Aviation Field | | 941.90 | | 15.75 | | 926.15 |
| 360B | Cordova Airport | 41,938.61 | 41,938.61 | | | 41,938.61 | 41,938.61 |
| 36D** | Valdez-Quartz Creek | | 524.75 | | | | 524.75 |
| 36E** | Valdex-Glacier | | 616.91 | | | | 616.91 |
| 36 F* * | Shoup's Bay | | 3,457.25 | | • • | | 3,457.25 |
| 37 | Topkok-Candle | | 1,026.56 | | 210.00 | | 816.56 |
| 37▲ | Bluff-White Mountain | •5 ⁴ | 3,287.47 | •5 ¹ 4 | 14.24 | *** | 3,273.23 |
| 37B | Bluff Aviation Field | | 80.00 | | / | / | 80.00 |

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| io . | Sub-project Name | Cost 1934 | Total Cost to 6-30-34 | Cost 1 & I 1934 | Total Cost M & I to 6-30-34 | Cost Con. 1934 | Total Cost Construction to 6-30-34 |
|--------------|-----------------------------|--------------|-----------------------------|--------------------|-----------------------------------|-------------------|---|
| 8A] | Ruby-Long | 3,996.35 | 250,009.95 | 3,996.35 | 117,983.60 | | 132,020.35 |
| SB I | Poorman-Cripple | 1,068.74 | 5,790.56 | 1,068.74 | 4,287.60 | | 1,502.96 |
| 80 G | Ophir-Cripple | 408.07 | 4,776.79 | 408.07 | 2,877.79 | | 1,899.00 |
| SD (| Dphir-Takotna | 6,630.02 | 274,278.25 | 6,630.02 | 99,770.75 | | 174,507.50 |
| SDA 1 | Little Creek Road | 254.23 | 13,597.03 | 254.23 | 2,948.99 | | 10,648.04 |
| 8E] | Long-Poorman | 6,983.70 | 169,293.04 | 6,983.70 | 52,100.48 | | 117,192.56 |
| SEE] | Long-Poorman (Winter) | 79•75 | 5,634,76 | 79.75 | 366.76 | | 5,268.00 |
| SEEE ! | Tamarack-Poorman | | 22,322.69 | | | | 22,322.69 |
| SF . | Poorman-Ophir | 1.75 | 3,032.19 | 1.75 | 3,032.19 | · | |
| 8G (| Takotna Aviation Field Road | 217.49 | 9,295,96 | 217.49 | 1,361.72 | | 7,934:24 |
| SH (| Ganes Creek Road | 871.07 | 15,979.56 | 871.07 | 12,575.71 | | 3,403.85 |
| SK . | Ruby Aviation Field | 100.00 | 2,198.51 | 100.00 | 998.51 | - | 1,200.00 |
| SL : | Ruby Aviation Field Road | 83.30 | 583.30 | 83.30 | 83.30 | | 500.00 |
| 8M (| Ophir Aviation Field | | 1,825.12 | | | | 1,825.12 |
| 9 * . | Juneau-Sheep Creek | | 45,929.40 | | 20,539.27 | | 25,390.13 |
| - | Douglas-Gastineau Channel | | 18,616.56 | | 6,596.68 | | 12,019.88 |
| | Kiana-Klery Creek | | 3,915.08 | | 900.32 | | 3,014.76 |
| | Kotzebue-Shungnak | 258,45 | 4,356.57 | 258.45 | 4,356.57 | | and prove data and prove the second se |

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| No. | Sub-project Name | Cost 1934 | Total Cost to 6-30-34 | Cost M & I 1934 | Total Cost M & I to 6-30-34 | Cost Con. 1934 | Total Cost Construction to 6-30-34 |
|-----------------|---------------------------|--------------|-----------------------------|--------------------|-----------------------------------|-------------------|--|
| 4 <u>1AA</u> | Kiana-Selawik-Shungnak | 815.44 | 2,357.27 | 15,44 | 765.87 | 800.00 | 1,591.40 |
| 41B | Kotzebue-Point Barrow | 17.85 | 6,097.64 | 17.85 | 1,697.62 | | 4,400.02 |
| 41C | Kiwalik-Noorvik | 1.89 | 515.31 | 1.89 | 515.31 | | |
| 41D | Kotzebue Aviation Field | | 1,955.45 | | 537.90 | | 1,417.55 |
| 41E | Kobuk Aviation Field | | 2,299.00 | | | | 2,299.00 |
| 41F | Kotzebue-Noatak | 32.00 | 77.58 | | · | 32.00 | 77•58 |
| 42 | St. Michael-Kotlik | 84.79 | 2,817.89 | ⁸¹⁴ •79 | 2,817.89 | | |
| 43* | Petersburg-Scow Bay | | 23,466.23 | | 9,968.56 | | 13,497.67 |
| ग्री* | Skagway Valley | | 11,124.83 | | 2,320.88 | | 8,803.95 |
| нн т | Skagway Trails | 653.97 | 19,126.43 | 653.97 | 7,967.72 | | 11,158.71 |
| 44B | Skagway Aviation Field | 185.62 | 7,234.49 | 185.62 | 448.96 | | 6,785.53 |
| <u>117</u> С | Skagway-Denver Glacier | 24,343.86 | 24,343.86 | | | 24,343.86 | 24,343.86 |
| 45* | Silver Bow Basin | | 23,466.21 | | 17,527.59 | | 5,938.62 |
| 46 | Kobi-Fureka | | 16,437.54 | | 3,865.91 | · · · | 12,571.63 |
| 46A . | Roosevelt-Kantishna | | 61,686.53 | | 19,723.84 | - | 41,962.69 |
| 46B | Lignite-Kantishna | | 13,130.00 | | 1,163,09 | | 11,966.91 |
| 46C | Nenana-Knight's Roadhouse | 507.86 | 4,358.30 | 507.86 | 2,765.72 | | 1,592.58 |
| 77 <i>0</i> 7 | McKinley Park Road | 62,218.91 | 860,447.20 | 18,427.03 | 119,023.24 | 43,791.88 | 741,423.96 |

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Total Cost Total Cost Total Cost Sub-project Cost Cost M & I M & I to Cost Con. Construction to 6-30-34 1934 1934 Name 1934 6-30-34 to 6-30-34 No. 46DA Kantishna-Park Boundary 258,90 258.90 258.90 258,90 46E Diamond-Telida 10,597.69 321.29 6,811.56 3.786.13 321,29 8.076.06 202.79 Nenana Cemetery Road 202.79 4,257.43 3,818.63 46E 46G Kobi-Bonnifield 5,767.51 60.90 5,706.61 46H Lake Minchumina Aviation Field. 914.11 164.11 750.00 46J Kantishna Aviation Field 775.00 100.00 675.00 46K Telida Aviation Field 850.00 250.001 600.00 ••••• -- -- -- --46M Nenana Aviation Field 1,108.04 388.04 720.00 ----Coldfoot-Wiseman 17.082.94 819.94 8,140,33 8,942.61 819.94 47 47A Wiseman Aviation Field 6,082,67 1,969.42 8,403.44 2,320.77 1,969.42 47B Nolan Branch 1,696.32 30,012.88 1,696.32 18,634.74 11,378.14 47C Wiseman-Hammond 11,869.00 2,502.07 3,967.07 2,502.07 7,901.93 Jim Pup Trail 2,625.13 2,625.13 2,625,13 2,625.13 47D Iliamna Bay-Iliamna Lake 16,827.24 88,679,92 48 2,127.24 9,737.01 14,700.00 78,942.91 Davidson's Landing-Taylor 24.854.66 3,086.33 3,086.33 17,141,49 49 7,713.17 Stikine River 2,256.75 50* 2,256.75 دمر بيبر جروني عند 8,572.60 294,587.83 8,572.60 129,248,48 165,339.35 51 Talkeetna-Cache Creek 51A Cache Creek Trail 9.00 4.562.11 9.00 2,292,11 2,270.00

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47,20 18,427.03 119,023.24 43.791.88 74

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|----------------------------------|--|-----------------------------|---------------------------------------|-----------------------------------|---------------------------------------|--|
| Subproject No. Name | Cost 1934 | Total Cost to 6-30-34 | Cost M & I 193 ¹ 4 | Total Cost M & I to 6-30-34 | Cost Con. 1934 | Total Cost Construction to 6-30-34 |
| 51B Peters Creek Trail | 233.77 | 18,133.88 | 233.77 | 5,645.99 | | 12,487.89 |
| 51C Yentna-Mills Creek | ۲۰۰۰ د ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲ ۰۰۰ - ۲۰۰۰ ۲ | 5,174.80 | ر ۲۰۰۰ میں در ۲۰ میں میں میں میں | 44.36 | | 5,130,444 |
| 51E Mills Creek-Cache Creek | | 2,283.33 | · · · · · · · · · · · · · · · · · · · | 975.88 | | 1,307.45 |
| 51F . Cache Creek Aviation Field | · · · · · · · · · · · · · · · · · · · | 179.90 | | | * | 179.90 |
| 52* Ketchikan-Ward's Cove | · · · · · · · · · · · · · · · · · · · | 26,120.42 | | 5,000.00 | · · · · · · · · · · · · · · · · · · · | 21,120.42 |
| 52A* Ketchikan-Charcoal Point | | 15,500.48 | | 3,000.00 | · · · · · · · · · · · · · · · · · · · | 12,500.48 |
| 53 Eagle-Circle | A the second sec | 5,846.59 | | 4,161.87 | | 1,684.72 |
| 534 Circle-Fort Yukon | 5.40 | 7,993,95 | 5.40 | 3,827.38 | | 4,166.57 |
| 53B Fort Yukon Aviation Field | | 3,098.00 | · | 557.11 | | 2,540.89 |
| 54 Chisana-Nizina | 178.76 | 10,482.13 | 178.76 | 3,154.83 | | 7,327.30 |
| 54A Chisana Aviation Field | | 1,744.63 | | 250.00 | | 1,494.63 |
| 54B Nabesna Aviation Field | 619.01 | 2,620.49 | 619.01 | 1,143.91 | · · · · · · · · · · · · · · · · · · · | 1,476.58 |
| 55 Kenai-Russian River | | 14,186.58 | | 7,627.32 | | 6,559.26 |
| 55A Kenai-Aviation Field | 999.60 | 1,901.11 | 999.60 | 999.60 | | 901.51 |
| 56** Tasnuma | | 1,058.14 | | | | 1,058,14 |
| 56B** Katalla-Chilkat | · | 7,752.56 | | | | 7,752.56 |
| 57 McCarthy-Dan Creek | 10,190.11 | 249,844,33 | 7,190.11 | 95,492.10 | 3,000.00 | 154,352.23 |
| 57A Nizina River Bridge | 1,608,54 | 181,425.26 | 1,608,54 | 55.483.46 | | 125,941.50 |

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McCarthy-Dan Creek 10,190.11 21- 344,33

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7,190,11 95,492.10 3,000.00 25 1,608.54 ILEL 425.26 I.608.54 55,483.46

| No. | Subproject Name | Cost 1934 | Total Cost to 6-30-34 | Cost M & I 1934 | Total Cost M & I to 6-30-34 | Cost Con. 1934 | Total Cost Construction to 6-30-34 |
|-------|--------------------------------|--|-----------------------------|---|-----------------------------------|-------------------|---|
| 57B | Nizina-Chitina River | 836.20 | 8,630.79 | 836.20 | 1,792.21 | | 6,838.58 |
| 57C | McCarthy-Kennecott River | 33.80 | 561.20 | 33.80 | 561.20 | ۰ | - |
| 57D | Chititu Branch | 537.78 | 8,796.53 | 537.78 | 2,568.05 | | 6,228,48 |
| 57E | McCarthy-Green Butte | | 2,319.68 | | 2,319.68 | | <u></u> |
| 57F | McCarthy Aviation Field | 1,548.65 | 4,473.76 | | 344.23 | 1,548.65 | 4,129.53 |
| 57G | Copper Creek Trail | 67.61 | 369.59 | 67.61 | 67.61 | | 3ŏ1.98 |
| -57H | Chitina River Aviation Field | ••••• | 735.00 | | | | 735.00 |
| 58*., | Hyder-Salmon River | | 63.50 | | | | 63.50 |
| 59 | Fairbanks Bridge | 37•55 | 74,133.56 | 37.55 | 12,434.26 | | 61,699.30 |
| 59A | Fairbanks Depot | 531.88 | 30,715.83 | 531.88 | 7,705.83 | | 23,010,00 |
| : 60A | Valdez Aviation Field | 3,500.00 | 6,058.24 | | 206.59 | 3,500.00 | 5,851.65 |
| 60B | Upper Tonsina Aviation Field . | ······································ | 1,747.47 | · | 47.50 | | 1,699.97 |
| 61 | Strelna-Kuskulna | 2 1 1 1 | 17,106.28 | | 4,569.73 | <u></u> | 12,536.55 |
| 614 | Kotsina Trail | | 16,095.29 | | 1,523.74 | <u> </u> | 14,571.55 |
| 61B | Nugget Creek Extension | · · · · · · · · · · · · · · · · · · · | 1,630.00 | | 1,630.00 | · | |
| 610* | * Elliot-Kotsina | | 6,858.42 | | | | 6,858,42 |
| 61E | Farnan Trail | | 941.96 | | 15,80 | | 926.16 |
| 61F | Bremner Trail | 10,073.46 | -17,475.97 | 18 - 19 - 19 - 19 - 19 - 19 - 19 - 19 - | 46.73 | 10,073.46 | -17,429,24 |
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| | | | Total Cost | | Total Cost | <u> </u> | Total Cost |
|-------|---------------------------------|--------------|---------------|---------------------------------------|---------------------|---------------------------------------|----------------------------|
| No. | Sub-project Name | Cost 1934 | to 6-30-34 | Cost M & I 193 ¹ 4 | M & I to 6-30-34 | Cost Con. 1934 | Construction to 6-30-34 |
| 61G | Brenner Aviation Field | 679.09 | 1,179.09 | | | 679.09 | 1,179.09 |
| 62 | Dime Creek | 959.81 | 80,715,94 | 959.81 | 37,012.98 | i i i i i i i i i i i i i i i i i i i | 43,702.96 |
| 624 | Haycock-Bear Creek | | 771.24 | | 555+24 | | 216.00 |
| 62B | Haycock Aviation Field | | 2,115.40 | | | | 2,115.40 |
| 620 | Kayuk Aviation Field | | 312.98 | | 285.90 | | 27.08 |
| 63 | Dunpar-Brooks | 490.45 | 32,754,23 | 490,45 | 13,524.64 | <u></u> | 19,229.59 |
| 63в | Brooks-Livengood Creek | 455.92 | 34,228.73 | 455.92. | 14,163.87 | | 20,064.86 |
| 63BA | Amy Creek Branch | | 2,368.45 | | 300.00 | | 2,068.45 |
| 63C** | Brooks Tram | | 63,455.39 | | 45,144.09 | | 18,311.30 |
| 63D | Brooks Aviation Field Road | - | 713.00 | · · · · · · · · · · · · · · · · · · · | | | 713.00 |
| 63E | Livengood Aviation Field | 2,217.52 | 4,996.39 | · . | 624.87 | 2,217.52 | 4,371.52 |
| 64** | Cripple-Lewis Landing | | 100.00 | | 100.00 | | |
| 64A | Cripple-Cripple Mountain | 149.52 | 1,130,45 | 149.52 | 838.45 | | 292.00 |
| 6444 | Cripple-Cripple Mountain(Winter |) | 860.03 | | 248.98 | | 611.05 |
| 65a | Gulkana-Chistochina | 29,455.43 | 385,388.13 | 7,255.43 | 95,324.63 | 22,200.00 | 290,063.50 |
| 65B | Chistochina-Slate Creek | 708.82 | 8,879.32 | 708.82 | 1,355.91 | | 7,523.41 |
| 650 | Chistochina-Slana | 6,964.58 | 149,769.07 | 3,564.58 | 17,192.76 | 3,400.00 | 132,576.31 |
| 650 | Kochumstuk-Tanana Crossing | | 1,669.82 | | 1.669.82 | | |

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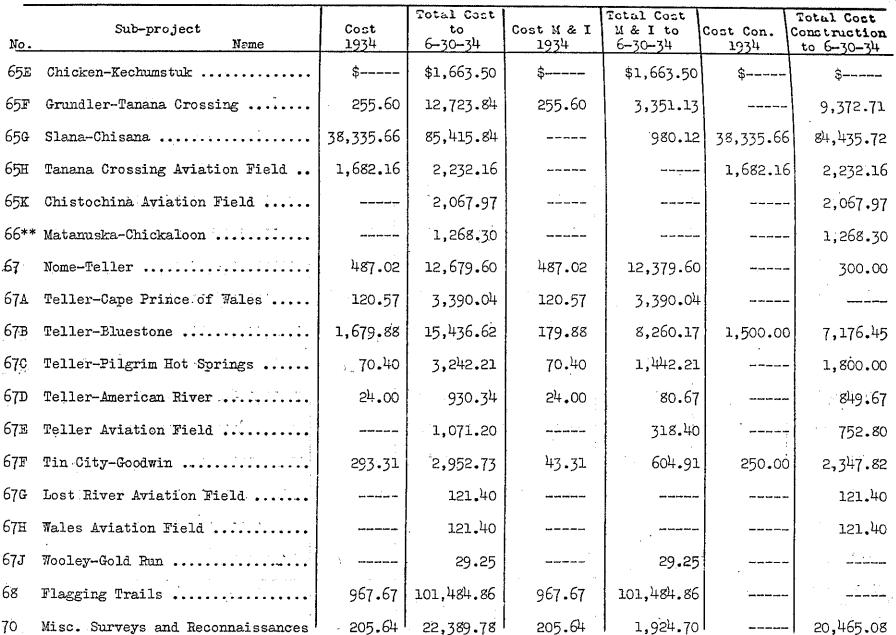
Total Cost to 6-30-34

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| No. | Sub-project Name | .Cost 1934 | to 63034 | Cost M & I 1934 | M & I to 6-30-34 | Cost Con. | Construction |
| ····· | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ······································ | | | 1934 | to 6-30-34 |
| 72* | Wrangell Oil Dock | \$ | \$4,964.97 | \$ | \$ | \$ | \$4,964.97 |
| 724* | Wrangell Cemetery Road | | 8,639.22 | | 2,350.00 | | 6,289.22 |
| 73 | Marshall Road | 475-57 | 24,045.50 | 475-57 | 8,566.45 | | 15,479.05 |
| 73▲ | Kotlik-Marshall | • 53•33 | 4,173.96 | 53.33 | 3,323.96 | | 850.00 |
| 73B | Stuyahok | ··· ···· | 1,660.00 | ,: | | | 1,660.00 |
| 730 | Old Hamilton-Scammon Bay | 2.37 | 2,754.53 | 2.37 | 901.08 | | 1,853,45 |
| 73D | Marshall Aviation Field | 600 600 500 500 | 2,100.00 | ···· ··· ··· | 100.00 | | 2,000.00 |
| 73E | Paimute-Marshall | 143.10 | 243.10 | | 100.00 | 143.10 | 143.10 |
| 75: | Anchorage Loop | 3,463.65 | 129,037.69 | 3,463.65 | 72,033.90 | | 57,003.79 |
| 75▲ | Anchorage-Lake Spenard | 650.34 | 23,588.38 | 650.34 | 13,578.15 | | 10,010.23 |
| 750 | Chester Creek Boat Landing | 217.00 | 1,693.18 | 217.00 | - 910.76 | | 782.42 |
| 75D | Anchorage Depot | 2,040.47 | 9,597.00 | 2,040.47 | 5,630.65 | | 3,966.35 |
| 75E | McDonald Road | 18.65 | 2,980.96 | 18.65 | 1,875.83 | | 1,105.13 |
| 75F | Spenard-Campbell Creek | 1,948.16 | 1,948.16 | | | 1,948.16 | 1,948.16 |
| 75G** | *East 1st Street, Anchorage | | 1,023.46 | · · · · · · · · · · · · · · · · · · · | | | 1,023.46 |
| 75 ^H | Lake Spenard Aviation Field | | 277.45 | | | · | 277.45 |
| 751 | Oilwell Road | 333.91 | 7,922.06 | 333.91 | 3,332.07 | | 4,589.99 |
| 753 | Anchorage Airport | | J. 768.20 | | 154.20 | / | 11,624,00 |

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| No. | Sub-project Name | Cost 1934 | Total Cost to 6-30-34 | Cost M & I . 1934 | Total Cost M & I to $6-30-3^{1}$ | Cost Con. 1934 | Total Cost Construction to 6-30-34 |
|------|--------------------------------|---------------------------------------|-----------------------------|---------------------------------------|--|---------------------------------------|--|
| 751 | Anchorage Loop-Matanuska River | \$95,106.55 | \$97,632.01 | \$ | \$ | \$95,106.55 | \$97,632.01 |
| 75M | Anchorage-Radio Road | | 475.09 | | 27.00 | | 448.09 |
| 76 | Cantwell-Valdez Creek | 30,959.17 | 41,753.12 | 3,459,17 | 6,412.92 | 27,500.00 | 35,340.20 |
| 76A | Valdez Creek Aviation Field | · · · | 1,337.10 | · · · | | | 1,337.10 |
| 78 | Valdez Depot | · · · · · · · · · · · · · · · · · · · | 5,266.56 | | 5,266.56 | | |
| 79. | Seward Depot | | 4,222.55 | · · · · · · · · · · · · · · · · · · · | 4,222.55 | : | |
| £04 | McGrath-Takotna | | 368.05 | · · · · · · · · · · · · · · · · · · · | 368.05 | | |
| 8044 | McGrath-Takotna (Winter) | 523.36 | 5,613.18 | 523 . 36 · | 3,431.18 | | 2,182.00 |
| 80B | McGrath-Telida | 102.81 | 12,479.40 | 102.81 | 5,301,19 | · · · · · · · · · · · · · · · · · · · | 7,178.21 |
| 800 | McGrath-Candle Creek | | 305,29 | | 305.29 | | |
| SOD | Nixon Fork-Nixon Mine | | 2,384.78 | | . 36.78 | | 2,348.00 |
| SOE | Takotna-Twin Peaks | | 213.16 | · · · · · | 100.00 | | 113.16 |
| SOF | Medfra-Nixon Mine | 10,358.29 | 18,040.90 | 358.29 | 6,240.90 | 10,000.00 | 11,800.00 |
| 80G | Takotna-Nixon Fork | | 610.56 | | 610.56 | | |
| 80GG | Takotna-Nixon Fork (Winter). | | 183.16 | | 183.16 | | |
| SOH | McGrath Aviation Field | 3,256.13 | 17,666.06 | 256.13 | 319-63 | 3,000.00 | 17,346.43 |
| 80J | Medfra Aviation Field | | 345.00 | | 60.00 | | 285.00 |
| 81 | Point Gustavus Roads | 18,116.83 | 32,226.86 39 | 2,016.83 | 6,136.72 | 16,100.00 | 26,090.14 |

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751 Oilwell Road

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| No. | Sub-project Name | Cost 1934 | Total Cost to 6-30-34 | Cost M & I 1934 | Total Cost M & I to 6-30-34 | Cost Con. 1934 | Total Cost Construction to 6-30-34 |
| 81A | Rink River | \$ | \$1,550.00 | \$ | \$ | \$ | \$1,550.00 |
| 82* | Taku River | | 20.208.95 | | | | 20,208.95 |
| 8 ⁾ 4 | Fairbanks-Council Survey | | 41,528.75 | | · | | 41,528.75 |
| 86 | Fourth of July Creek | 66.87 | 4,818.13 | 66.87 | 3,656.90 | | 1,161.23 |
| 87 | Woodchopper Creek | · | 1,205.47 | | 1,143.47 | : | 62.00 |
| 88 | Ferry-Eva Creek | 1,835.67 | 37,622.41 | • 1,835.67 | 19,262,52 | · · · · · · · · · · · · · · · · · · · | 18,359.89 |
| -89 | Kougarok Reconnaissance | | 4,312.11 | | | | 4,312.11 |
| 894 | Seward Peninsula Railroad | 60,967.40 | 270,902.24 | 9,467.40 | 154,862.32 | 51,500.00 | 116,039.92 |
| 89B | Pilgrim Aviation Field | | 1,126.40 | | 410,40 | | 716.00 |
| 890 | Iron Creek-American Creek | 458.32 | 3,279.14 | 58.32 | 1,124.22 | 400.00 | 2,154.92 |
| 90▲ | Shelter Cabins, 1st Division . | | 340.35 | | | · · · · · · · · · · · · · · · · · · · | 340.35 |
| <u>9</u> 0B | Shelter Cabins, 2nd Division . | 906.73 | 40,104.69 | 906.73 | 8,193.39 | | 31,911.30 |
| 900 | Shelter Cabins, 3rd Division . | | 24,720.02 | | 2,328,90 | | 22,391.12 |
| 90D | Shelter Cabins, 4th Division . | 106.27 | 42,555.60 | 106.27 | 5,601.42 | | 36,954.18 |
| 91* | Yakutat | | 50.55 | | | · | 50.55 |
| 92A | Bethel-Quinhagak | 1,079.99 | 4,211.87 | 1,079.99 | 2,414.37 | · · · · · · · · · · · · · · · · · · · | 1,797.50 |
| 92B | Bethel-Tuluksak | 400.35 | 4,870.70 | 400.35 | 3,392.22 | | 1,478.48 |
| 920 | Akiak-Russian Mission | 2,142.70 | 3.877-45 | 2.142.70 | 2,293.45 | / | 1,584.00 |

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Total Cost

Total Cost Con Construction

Total Cost Total Cost Total Cost Sub-project toCost M & I M&I to Cost Cost Con. Construction 6-30-34 No. Name 1934 1934 6-30-34 1934 to 6-30-34 92D Bennett's Cutoff \$396.00 \$396.00 \$-----\$----\$-----\$----31,815.25 92E Yukon-Kushokwim Portage 4,228.89 4,228.89 5,299.27 26,515.98 :4,682.73 2,264.96 2,417.77 Quinhagak-Goodnews Bay 1,819.46 1,819,46 92F 3,342.28 Goodnews-Togiak 913.71 913:71 1,138.95 2,203,332 92G 8,492.98 4,300.82 4,192.16 Togiak-Nushagak _____ 92H ____ 2,632.34 Lewis Point-Naknek 4,171.66 1,539.32 92I _____ 2,982.84 877.84 2,105.00 Naknek-Egegik 92J 1,168.50 818.50 350.00 Egegik-Kanatak 92K ____ 95.46 95.46 820,00 Crooked Creek-Aniak 2,117.20 1,297.20 92L Aniak-Tuluksak 704.08 5,518.08 704.08 3,003.12 2,514.96 92M Akiak-Canyon Creek 306.00 306.00 92N ____ _._._ Tuluksak-Foothills <u>920</u> 258,40 1,730.34 258.40 545.22 1,185,12 Holy Cross-Kaltshak 1,600.39 167.62 167.62 1,100.39 500.00 92P Upper Landing-Bear Creek 2,656.72 11,975.74 5,219.02 2,656.72 6,756.72 92Q 92R Dillingham-Snag Point 9,152.63 25,605.96 35-75 9,152,63 25,570.21 Bethel-Nunichak 968.62 968.62 968,62 968.62 92S 9,034.36 6,956.44 2,077.92 93 Chulitna Trail 57.80 57.80 4,669.48 1,087.16 93A Bull River Trail 3,582.32

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925 Bethel-Tuluksak

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| No. | Sub-project Name | Cost 1934 | Total Cost to 6-30-34 | Cost M & I 1934 | Total Cost M & I to 6-30-34 | Cost Con. 1934 | Total Cost Construction to 6-30-34 |
|------------------|-------------------------------|---------------------------------------|-----------------------------|--------------------|---------------------------------------|-------------------------|--|
| 93B | Indian River | \$191.27 | \$8,755.5 ⁴ | \$191.27 | \$2,189.31 | \$ | \$6,566.23 |
| 930 | Curry Aviation Field | | 4,221.05 | | 8 ¹⁴¹⁴ .45 | 40% 60% 60% and and | 3,376.60 |
| 93D | Chulitna Tram | | 523.71 | | 3.34 | | 520.37 |
| 93E | Hidden River Tram | | 145.20 | | 9.28 | | 135.92 |
| 9 ⁴ | Kokiak-Abberts | .24,431.25 | 88,648.40 | 2,431.25 | 19,839.89 | 22,000.00 | 68,808.51 |
| 9 ⁴ A | Kalsin Bay Trail | 55.00 | 55.00 | 55.00 | 55.00 | | |
| 95 | Kenatak-Becharof Lake | | 30,276.74 | · | 6,394.43 | · | 23,882.31 |
| 95B | Larsen Bay-Karluk River | | 962.05 | | | | 962.05 |
| 96 | Chickalcon-King River | | 1,906.68 | | 1,106.68 | | 800.00 |
| 96A | Chickaloon Cable | | 486.44 | | 214.15 | · · · · · · · · · · · · | 272.29 |
| 96B | Chickaloon-Nelchina | 262.75 | . 8,771.15 | 262.75 | 1,270.78 | · | 7,500.37 |
| 97 | Suntrana Footbridge | | 413.80 | | | | 413.80 |
| 97A | Healy Aviation Field | 150.00 | 641.79 | 150.00 | 150.00 | | 491.79 |
| 98 | Homer Spit | 10,832.55 | 48,767.10 | 832.55 | 5,897.35 | 10,000.00 | 42,869.75 |
| 98A | Nuka Bay | · · · · · · · · · · · · · · · · · · · | 5.757.75 | | 2,106.77 | | 3,650.98 |
| 98B | Ninilchik Aviation Field | | 384.18 | | · · · · · · · · · · · · · · · · · · · | | 384.18 |
| 98BA | Ninilchik Aviation Field Road | 4,359.08 | 4,359.08 | | · | 4,359.08 | 4,359.08 |
| 980 | Kasilof Aviation Field | | 674.52 | | | | 674.52 |

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ALC: NO.

98BA Ninilchik Aviation Field Road

Kesilof Aviation Field

| · | | | | | | | |
|-----|-----------------------------------|-------------------|-----------------------------|---------------------------|-----------------------------------|-------------------|---|
| No. | Sub-project Name | Cost 1934 | Total Cost to 6-30-34 | Cost M & I 1934 | Total Cost M & I to 6-30-34 | Cost Con. 1934 | Total Cost Construction- to 6-30-34 |
| 98D | Kasilof Road | \$1,085.28 | \$19,619.13 | \$1,085.28 | \$2,472.78 | | \$17,146.3 |
| 99 | Seldovia-McDonald Spit | 24,248,33 | 24,248.33 | anda kurit dutt anna dana | | 24,248.33 | 3 24,248.3 |
| 100 | Office and General Overhead | 27,366.80 | 641,882.85 | 9,916.50 | 344,754.71 | 17,450.30 | 297,128. |
| 101 | Territorial General Overhead | | 71,521.31 | | 31,584.89 | | - 39,936,1 |
| | TOTAL COSTS | \$1,269,497.76 | \$20,910,462.11(a) | \$463,854.65 | \$9,675,995.31 | \$805,643.1 | 1 \$11,234,466. |
| 110 | Book Value of Plant | 111,911.50 | 184,040.03 | | | | |
| 111 | Supplies and Materials on hand | 51,472.22 | 278,521.36 | | | | |
| | TOTAL EXPENDITURES | \$1,432,881.48(b) | \$21,373.023.50 | | | | - |

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- * Transferred to other departments.
- ** Abandoned.
- (a) Includes \$932,280.46 of supervised funds.
- (b) Includes \$1,023.80 General Accounting Office settlements. Does not include \$6,900.66 reimbursements and receipts from sales.

COSTS IN DETAIL, TERRITORIAL AND COOPERATIVE PROJECTS

(Included in preceding table)

FIRST DIVISION

| Ac- count No. | Name of sub-project | Federal | Territorial | Total |
|---------------------|-----------------------------|-------------|-------------|------------------|
| SH | Juneau Wharf | \$298,99 | \$78.09(1) | \$377.08 |
| 2J | Juneau Float | - | 34.69(1) | 34.69 |
| 3AB | Haines-Pleasant Camp | 27,213.96 | 837.58 | 28,051,54 |
| 3D | Haines-Mud Bay | 443.29 | 40.00 | 485,29 |
| 3E | Haines-Chilkoot | 813.07 | 200.00 | 1,013.07 |
| 14 | Sitka-Indian River | 590,59 | 35.00 | 625,59 |
| 14A | Sitka National Monument | 593,50(2) | | 593,50 |
| 140 | Sitka-Pioneer Cemetary Road | , . | 46.80 | 46,80 |
| 14D | National Cemetery Road | 95.25 | 20.00 | 115,25 |
| 44A | Skagway Trails | 618.97 | 35.00 | 653,97 |
| 44B | Skagway Aviation Field | . | 185.62 | 185,62 |
| 81 | Point Gustavus Roads | 18,016.83 | 100.00 | <u>18,116.85</u> |
| | Totals | \$48,684.45 | \$1,612.78 | \$50,297.23 |

(1) Contributed by U. S. Forest Service, U. S. Bureau of Fisheries and . Alaska Game Commission.

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(2) Allotted by National Park Service.

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SECOND DIVISION

| Ac- count | Name of sub-project | Federal | Territorial | Total |
|-----------------|------------------------|---------------------|-------------------|---------------------|
| No. | | | | |
| 8 | Nome-Council | \$8,373 <u>,</u> 98 | \$2,664,48(1) | \$11,038,46 |
| 8D | Council-Ophir Creek | 729,31 | 160.00 | 889.31 |
| 8H | Casa de Paga | 891,16 | 220.00 | 1,111,16 |
| 13A | Nome-Bessie | 290.58 | 75.00 | 365,58 |
| 13B | Bessie-Snake River | 12,376,55 | 1,200,00 | 13,576.55 |
| 13C | Bessie-Sunset Creek | 9,578.52 | 1,450.00(2) | 11,028,52 |
| 13F | Nome-Osborne | 578,79 | 192.00(3) | 770 _• 79 |
| 15K | Bessie-Buster | 432,87 | 105,00 | 537,87 |
| 18 | Kaltag-Nome | 2,154,47 | 530.00 | 2,684.47 |
| 18A | Bonanza-Kotzebue | 200,90 | 50 ,00 ··· | 250.90 |
| 18B | Golovin-Council | 41.21 | 10.00 | 51,21 |
| 18J | Spruce Creek | 383,89 | 95,00 | 478,89 |
| 21 | Unalakleet-St. Michael | 16,00 | 4.00 | 20.00 |
| 25D | Mouth of Center Creek | 288,43 | 70.00 | 358.43 |
| 25DA | Little Creek Branch | 59,31 | 14.00 | 73,31 |
| 253 | Submarine Paystreak | 78.44 | 20,00 | 98.44 |
| 25K | Nome City Dock | | 84.82(4) | 84,82 |
| 25L | Nome Aviation Field | 8,783.13 | | 8,783,13 |
| 25 _N | Nome City Streets | | 220.45(4) | 220,45 |
| 26 | Candle-Candle Creek | 1,748.41 | 430.00 | 2,178.41 |
| 1.5 | | | | |

(1) Includes \$250.48 contributed by City of Nome, \$40.00 by G. R. Jackson and \$26.00 by Alaska Sunset Mines. (2) Includes \$250.00 contributed by Monument Creek Mining Co.

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(3) Includes \$42.00 contributed by Dry Creek Dredging Co.

(4) Contributed by the City of Nome.

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SECOND DIVISION (continued)

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count No.

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(5) In

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No.

N N O P ST H M

| Ac→ count | Name of sub-project | Federal | Territorial | Total |
|--------------|--|---|--|----------|
| No 🕻 | * * * * * * | | <u> </u> ! | L |
| 26B | Bear Creek Trail | \$75,16 | \$19.00 | \$94.16 |
| 260 | Candle-Kiwalik | 17.19 | r⊈4, 5.00 1000 | 22.19 |
| 27 | Deering-Inmachuk | 2,472,95 | 620.00 again | 3,092.95 |
| 28A | Nome-Serpentine Hot Springs | . 316.81 - | 80₊00 –,∞**• | 396,81 |
| 37A | Bluff-White Mountain | .44 | i di .10 1000 - | •54 |
| 41A | Kotzebue-Shungnak | 206.45 | 52,00 | 258.45 |
| 41.AA | Kiana-Selawik-Shungnak | 655,44 | 160.00 | 815,44 |
| 41B | Kotzebue-Pt. Barrow | 13.85 | 4,00 | 17,85 |
| 410 | Kiwalik-Noorvik | 1.49 | .40 | 1.89 |
| 41F | Kotzebue-Noatak | 26.00 | 6,00 | 32,00 |
| 42 | St. Michael-Kotlik | 65,79 | 19.00 | 84.79 |
| 49 | Davidson's Landing-Taylor | 2,471.33 | 615.00 | 3,086.33 |
| 62 | Dime Creek | 769,81 | 190.00 | 959.81 |
| 67 | Nome-Teller | 391,02 | 96.00 | 487.02 |
| 67A | Teller-Cape Prince of Wales | 95.57 | 25.00, | 120.57 |
| 67B | Teller-Bluestone | 1,344.88 | 335,00 | 1,679,88 |
| 670 | Teller-Pilgrim Hot Springs | 56.40 | 14.00 | -70,40 |
| 67D | Teller-American River | 19,00 | 5 <u>.</u> 00 | 24,00 |
| 67F | Tin City-Goodwin | 233.31 | 60.00 | 293,31 |
| 68 | Flagging Trails | . 772.67 | 195.00 | 967,67 |
| 73 | Marshall Road | 385,57 | 90.00 | 475.57 |
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|---------------------|------------------------------|-------------|--------------|-------------|------------------|
| Ac- count No. | Name of sub-project | | Federal | Territorial | Total |
| 73.1 | Kotlik-Marshall | • • | :\$43,33 | \$10,00 | \$53 , 33 |
| 730 | Old Hamilton-Scammon Bay | • • | 1,87 | •50 | 2.37 |
| 73E | Paimute-Marshall | ••• | 115.10 | 28.00 | 143.10 |
| 89A | Seward Peninsula Railroad | . i | 59,967,40 | 1,000.00(5) | 60,967.40 |
| 890 | Iron Creek-American Creek | • • • | 368.32 | 90,00 | 458.32 |
| 90B | Shelter Cabins, 2nd Division | •• | | 906,73 | 906.73 |
| | Totals | ≠ • | \$117,893.10 | \$12,220.48 | \$130,113.58 |

SECOND DIVISION (continued)

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967.0

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1,679.88

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3,092.95

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(5) Includes \$850.00 contributed by Nome Harbor Lighterage Co. and \$150.00 by Lomen Commercial Co.

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THIRD DIVISION

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|--------------|------------------------------------|----------------|-------------|--------------|
| count No. | Name of sub-project | Federal | Territorial | Total |
| 6E | Chitina-Native School | \$ | \$11,75 | \$11.75 |
| 35B | 00,213 (35,364) Palmer-Fishhook | 388.02 | 40.00 | 428,02 |
| | Palmer-Matanuska River | 284,22 | 30,00 | 314.2 |
| 1 | Gold Chord Branch | 198.65 | 21,00 | 219.65 |
| 35DB | Lucky Shot-Willow Station | 20,305.32 | 2,973.25 | 23,278.57 |
| | PalmerpSpringer | 50 . 95 | 80,00 | 130.95 |
| 35H | Wasilla-Palmer | 312.63 | 34.00 | 346.63 |
| 35J | Wasilla-Matamuska | 828.39 | 90.00 | 918.3 |
| 35K | Matanuska Trunk Road | 424.98 | 45.00 | 469,98 |
| 35L | Palmer-Matanuska | 293,64 | 560,00 | <u>∾ 64</u> |
| 35 <u>0</u> | Fishhook-Goldmint | 131.15 | 15.00 | 146.15 |
| 35R | Bogard Road | 91.44 | 180,00 | 271,44 |
| 46D | McKinley Park Road | 59,911.41 | 2,307.50(1) | 62,218.91 |
| 57 | McCarthy-Dan Creek | 9,190.11 | 1,000,00 | 10,190.11 |
| 57D | Chititu Branch | 487.78 | 50,00 | 537.78 |
| 61 F | Bremner Trail | 9,973,46 | 100.00 | 10,073,46 |
| 75 | Anchorage Loop | 3,123.65 | 340.00 | 3,463.65 |
| 75A | Anchorage-Lake Spenard | 585.34 | 65.00 | 650.34 |
| 750 | Chester Creek Boat Landing | 197.00 | 20.00 | 217.00 |
| 75E | McDonald Branch | 16.65 | 2.00 | 18.65 |
| 751 | Oilwell Road | 300,91 | 33,00 | 333,91 |
| 94] | Kodiak Roads | 23,931.25 | 500.00 | 24,431.25 |
| 98 | Homer Spit | 10,632,55 | 200.00 | 10,832,55 |
| 98D I | Kasilof Road | 975,28 | 110.00 | 1,085.28 |
| | Totals | \$142,634.78 | \$8,807.50 | \$151,442.22 |

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|---------------------|---------------------------------------|--|---------------------------|----------|
| Ac- count Ko. | Name of sub-project | Federal | Territorial | Total |
| 50 | Fish Lake-American Creek | \$ | \$665,04 | \$665.04 |
| 7AA | Cleary Creek | | . 137.97 | 137.97 |
| 7B | Fox-Olnes | 431.31 | at 75.00 | 506,31 |
| 70 | Summit-Fairbanks Creek | <u>_</u> | 1,534.13(1) | 1,534.13 |
| 7CA | Summit-Fish Creek | | n 84 697.25 _ ≁√11 | 697,25 |
| ?D | Ester Creek | . 6,951.61 | ,1,847.82(2) | 8,799.43 |
| 7.DA | College Spur | , , , , , , , , , , | 13.44 | 13,44 |
| 7DB | Ester-Dome | موجوعا جد جدا دی بر مار مار می اور می | 287.35 | 287,35 |
| · 7DC | St. Patricks-Happy | | 180.00 | 1,211.06 |
| 7 H | Little Eldorado | | 40 ,00 | 273.44 |
| 7J | Fairbanks-Chena Hot Springs | 249.98 | 45. 00 | 294.98 |
| 7JA | Chena River Branch | 122.48 | .25.00 | 147,48 |
| 7N | Farmers-Birch Hill | 5,401.87 | 1,894.28 | 7,296,15 |
| 7T | Farmers-Chena Slough | 1 | 138.00 | 138,00 |
| 15A | Central House-Circle Hot Springs. | 978.60 | 275.10(3) | 1,253.70 |
| 15E | Killer House-Harrison Creek | 3,308.36 | 550.00 | 3,858.36 |
| S 5 | Hot Springs-Sullivan Creek | 337.36 | 55,00 | 392,36 |
| 30 | Hot Springs Landing-Eureka | 5,897.70 | 500.00 | 6,397,70 |
| 32B | Iditarod-Flat | 2,453.97 | 420.00 | 2,873,97 |
| 33F | Plat-Slate Creek | 8,922.70 | 1,000.00(4) | 9,922.70 |
| 38D | Ophir-Takotná | 5,700.02 | 930.00 | 6,630.02 |
| (1) Ir (2) | cludes \$78.68 contributed by others. | | Ŧ | 1 |

FOURTH: DIVISION

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23,278.57

(2) Includes \$567.82 miscellaneous contributions by others.
(3) Includes \$95.10 contributed by F. M. Leach.
(4) Contain a second second

(4) Contributed by Mine Operators on Slate Creek.

| Ac- | 1 | <u> </u> | | | | | | |
|-------------------------|----------|--|--|-------|---|--|---|------|
| count No. | | Name of | sub-project | | Federal | Territorial | To |)ta] |
| 38DA | Littl | e Creek Road | | | \$ | \$254.23 | ic \$25 | 54, |
| 38H | Ganes | Creek Road | * ***** | • • | ., | 871.07 | io- 87 | 71,(|
| 46F | Nenan | a Cemetery Ro | ad | | 172.97 | 30.00 mill | ⇒ ÷ 20 |)2. |
| 63 | Dunba | r-Brooks | | | 420.45 | 20 ec: 70.00 /0-03 | sai 49 | 90, |
| 63B | Brook | s-Livengood C | reek | | | 455.92 | <u>var 4</u> 5 | 55, |
| 70 🖓 | Surve | ys and Recomm | aissances | • • | . ما مع مد من | 151.72(5) | a: 18 | 51, |
| 90D . | Shelt | er Cabins | | •• | | 93,27 | cs - g | 93. |
| 97 <u>A</u> | Healy | Aviation Fie | ld | • • • | به و مدر مدر دس دس | 150.00 sam | <u>baa.</u> 18 | 50 |
| | | Totals | | • • • | \$42,613.88 | \$13,386.59 | \$56,00 | 0. |
| (5) 0 | ontrib | uted by Fairb | anks Chamber | of Co | mmerce. | lika (zili el | an de la contra Tradición de la contra | |
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FOURTH DIVISION (continued)

דענטיע אין להגבי המוצע לאו עון היישו. סעצעיים האלדה אל היישועי להגביאה היישו לי**ישועה היישועי היישועעי,** דרי לאור דעצטים בעורנה המעניינטין הענקיים לא**י דרי 19 גובאיעי היישועי.** העניין אינותא אין לנותא היישועים אבן גובאיעי היישועי. דרי אורי היישועי היישועי. אינות אינותא אין לנותא היישועים אבן גובאיעי היישועי.

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SUMMARY BY DIVISIONS, TERRITORIAL AND COOPERATIVE PROJECTS

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| | Federal | Territorial | Total |
|-----------------|--------------|----------------|--------------|
| First Division | \$48,684,45 | \$1,612,78 | \$50,297,23 |
| Second Division | 117,893.10 | 12,220.48 | 130,113,58 |
| Third Division | 142,634.78 | 8,807.50 | 151,442,28 |
| Fourth Division | 42,613.88 | 13,386.59 | 56,000.47 |
| Totals | \$351,826.21 | \$36,027.35(1) | \$387,853.56 |

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(1) Includes \$6,227.35 contributed by others.

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| TOTAL COSTS, BY DISTRICTS | | | | |
|---------------------------------------|---------------------------------------|-------------------------------------|------------------|--|
| A Later Company 1 Actions | | | | |
| District ere re de, and def | Construction | Maintenance and Improve- ment | Total | |
| Juneau Office and General Overhead(a) | \$17,450,30 | \$9,916.50 | \$27,366,80 | |
| Southeastern | 117,508.84 | 16,197.23 | 133,706.07 | |
| Eagle | · · · · · · · · · · · · · · · · · · · | 9,333,41 | 9,333.4 | |
| Valdez | 3,500,00 | 49,517,98 | 53,017,98 | |
| Chitina | 121,175.47 | 92,805.60 | 213,981,07 | |
| Fairbanks | 146,125.82 | 149,871.83 | 295,997.65 | |
| Southwestern | 280,136.02 | 56,573,30 | 336,709,32 | |
| Kuskokwim | 35,438.43 | 33,799.35 | 69,237.78 | |
| Nome | 84,308.23 | 45,839.45 | 130,147.68 | |
| Total Cost | \$805,643.11 | \$463,854.65 | \$1,269,497.76 | |
| Plant, materials, etc., undistributed | | - | 163,383.72 | |
| Total expenditure | | | \$1,432,881.48() | |

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(a) Includes part of expenses of Seattle Purchasing Office.

(b) Includes \$1,023.80 General Accounting Office settlements; does not include \$6,900.66 reimbursements, refunds and receipts from sales.

APPROPRIATIONS

Total

\$27,366.0

133,706.07

9,383.el

53,017.91

213,981.07

295,997.65

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| truction and maintenance of military and post roads. | |
|---|--|
| Construct bridges, and trails, Alaska: | |
| Act of June 12, 1906 | \$150,000.00 |
| Act of June 20, 1906 | 35,000.00(1) |
| Act of Mar. 2, 1907 | 250,000.00 |
| Act of May 11, 1908 | 250,000.00 |
| Act of Mar. 3, 1909 | 350,000.00 |
| Act of Mar. 23, 1910 | 100,000.00 |
| Act of Mar. 3, 1911 | 150,000,00 |
| | 125,000.00 |
| Act of Mar. 2, 1913 | 155,000.00(2) |
| Act of Apr. 27, 1914 | 125,000.00 |
| | 165,000.00 |
| Act of Aug. 29, 1916 | 500,000.00 |
| Act of May 2, 1917 | 500,000.00 |
| Act of July 9, 1918 | 100,000.00 |
| Act of July 11, 1919 | 100,000,00 |
| | 350,000.00 |
| Act of June 5, 1920 Act of June 30, 1921 | 425,000.00(3) |
| Act of June 30, 1922 | 465,000.00 |
| Act of Mar. 2, 1923 | 650,600.00(4) |
| Act of June 7, 1924 | 725,000.00 |
| Act of Dec. 6, 1924 | 55,000.00(5) |
| Act of Feb. 12, 1925 | 900,000.00 |
| Act of Apr. 15, 1926 | 900,000,00 |
| | ,022,500,00(6) |
| Act of Mar. 23, 1928 | 925,000.00(7) |
| Act of Feb. 28, 1929 | 800,000.00 |
| Act of May 28, 1930 | 800,000.00 |
| | 800,000.00 |
| Act of July 14, 1932 | 494,310.00 |
| Act of Feb. 17, 1933 | 469,300.00(8) |
| Act of Mar. 2, 1934 | 452,000,00(9) |
| | 405,000,00(5) |
| Total | 288,710.00 |
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| (1) For Fairbanks-Council survey. | |
| (2) Includes \$55,000 for Valdez dyke. | |
| (2) Includes \$55,000 for Valdez dyke. (3) Includes \$10,000 for Nome-Kiwalik survey. | |
| (4) [neinder S600 for minimum Timeon Wherf | or the second |
| 19) Deliciency to cover increase of commensation 1925. | |
| (6) Includes \$22,500 for Juneau Wharf. | Server and S |
| (7) Includes \$100.000 for flood control. Lowell Creek | en e |
| (8) Includes \$3.000 for Juneau Wharf. | |
| (7) Includes \$100,000 for flood control, Lowell Creek. (8) Includes \$3,000 for Juneau Wharf. (9) Includes \$100 for Juneau Wharf. | |
| | |

| Construction and maintenance of wagon roads, bridges | |
|--|--|
| and trails. "Alaska fund": | |
| Fiscal years 1905 to 1933 inclusive | \$3,917,167.45 |
| Fiscal year 1934 | 145,258.95 |
| n - 19 an 19 an ann an Anna an Anna. Anna an Anna an | Salah Area Area |
| | \$4,062,426.40 |
| Increase of compensation, War Department: | |
| Fiscal years 1918 to 1925 inclusive | 95,059,50 |
| in sense in the sense of the sense of the sense in the sense of the sense of the sense of the sense of the sens The sense is a sense of the sense in the sense is a sense of the sense of the sense of the sense of the sense i | - 7 Sal 1. |
| National cemeteries: | a Alan an a |
| (2)20. Fiscal years 1925 to 1932 inclusive $\dots \dots \dots \dots \dots$ | 6,704.60 |
| se de la completa de | |
| National Industrial Recovery, Interior, Alaska Road | |
| Commission, 1933-1935 | 1,596,000.00 |
| je skoleto na sereka na sereka Na sereka na | |
| Roads and trails, National Parks: | |
| Fiscal years 1925 to 1934 inclusive | 782,876.37 |
| Fiscal years 1933-1935 (National Industrial Recovery) | 150,000.00 |
| Total= | 932,876.37 |
| and the second secon | |
| National monuments: Fiscal year 1933 | 500.00 |
| Fiscal year 1938 | 375.00 |
| TISCAL JOAL LOUT | |
| Total | 875,00_ |
| | |
| Barracks and quarters: | |
| Fiscal year 1932 | 1,252.50 |
| and the second | |
| Total Federal Appropriations | 19,983,904.37 |
| | |
| Contributed Funds. | · |
| (Act of Congress approved June 30, 1921, Alaska Specia | l Fund.) |
| By the Territory: (For list of Acts see Annual Report 1932 | |
| Public roads, bridges, trails, and ferries: | , pages or oest |
| Fiscal years 1920 to 1932 inclusive | \$1,449,908,58 |
| Fiscal year 1934 | 28,800.00 |
| | |
| | |
| Shelter cabins Fiscal years 1922 to 1932 | 98,595.50 |
| Fiscal year 1934 | 1,000.00 |
| | |

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Nizina bridge Fiscal years 1922 to 1923 \$25, Telephone lines, Seward Peninsula Fiscal years 1926 to 1931 13, \$25,000.00 13,073.20 • • • Pioneer Cemetery road Fiscal year 1927 3,341.02 Flood Control, Lowell Creek Fiscal year 1929 10,000.00 Yukon-Kuskokwim Portage Fiscal year 1930 7,500.00 Valdez Dyke Fiscal year 1932 10,000.00 io Telephones Fiscal year 1932 Radio Telephones 6,477.34 By others:

,167.4 ,258.95

426.4

059.50

704.60

00.000

376.37

00.00

376.37

00,00 75,00 75,00

52.50

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8.58

| Fiscal years 1922 to 1933 , | 153,566.76 |
|--------------------------------------|------------|
| Fiscal year 1934: | |
| Mine Operators Slate Creek District | \$1,000.00 |
| City of Nome | 555,75 |
| Monument Creek Mining Co | 250,00 |
| F. M. Leach | 95,10 |
| F. M. Leach Dry Creek Dredging Co | 42.00 |
| Lomen Commercial Co | 150,00 |
| Nome Harbor Lighterage Co | 850.00 |
| G. R. Jackson | 40.00 |
| Alaska Sunset Mines | 26,00 |
| W. E. H. Cremer | 8.75 |
| Hi Yu Mining Co | 70,25 |
| Cleary Hill Mining Co | 8,43 |
| Al Hightower | 2.81 |
| Fred Robinson | 14.05 |
| E. N. Patty | 11.24 |
| Carl Carlson | 17.50 |
| Quigley Mines | 2,307.50 |
| | |

6,075.63 L. C. O. S. Total others 159,642.39 C S. Sec. . 1,813,338.03 and 1248 10 Million and Meant Llowell, Jordan David Total Supervised Funds (see Annual Report of Land 13 $\sqrt{2}$ 1932, pages 64-66) 2,840,147.35 and 1982, to 2000 and the state of mendoday and and a contract of the second second second e de Tradel d' sessister 19 udal paas 2000 CARLER STATE Stern Leve Brand Yandarati leta n nan Tanàna amin'ny fisiana amin'ny fisiana amin'ny fisiana amin'ny fisiana amin'ny fisiana amin'ny fisiana amin'ny Mai es Buil etcar i de la compañía de ser de ser en entre de ser entre de se and a second Bit second se a a ben a construction of the second s ا المراجع المراجع المراجع المراجع . المراجع and the second and the second s 0.2.3 · . . . الا المراجع المراجع (مراجع المراجع). 1946 - ماريخ المراجع (مراجع المراجع الم . الا التي المحلوط والتي المنظمين. المحلف المحلوط المن المحلف المريد المحلف المحلف والمحلوط والمحلف . - 10 1.C and the second States and the second second · . . . in the second والمحادث وأرار

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